COVID Data Tracker

Maps, charts, and data provided by CDC, updates Mon-Fri by 8 pm ET

CDC recommends use of COVID-19 Community Levels to determine the impact of COVID-19 on communities and to take action. CDC also provides Transmission Levels (also known as Community Transmission) to describe the amount of COVID-19 spread within each county. Healthcare facilities use Transmission Levels to determine infection control interventions.

United States At a Glance	Cases Total 93,006,719 Case Trends	Deaths Total 1,033,332 Death Trends	Current Hosp. 34,386 Admission Trends	34.5% of People 5+ with First Booster Trends

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United States COVID-19 Cases, Deaths, and Laboratory Testing (NAATs) by State, Territory, and Jurisdiction

Maps, charts, and data provided by CDC, updates Mon-Fri by 8 pm ET[1]

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TOTAL TESTS REPORTED	TOTAL POSITIVE TESTS	7-DAY % POSITIVITY
946,243,529	89,397,166	15.97%

National tests as of: Aug 14 2022. National positivity date as of: Aug 14 2022

CDC | Data as of Wednesday, August 17, 2022 1:13 PM ET. Posted: Wednesday, August 17, 2022 2:44 PM ET

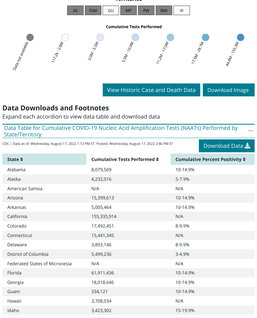
View: Cases, Deaths, Tests Performed, Percent Positive

Time period: Last 7 Days, Last 30 Days, All Time

Metric: Count, Rate per 100,000

This shows the total number of tests performed since the pandemic started.

Cumulative COVID-19 Nucleic Acid Amplification Tests (NAATs) Performed by State/Territory



View Historic Case and Death Data | Download Image

Data Downloads and Footnotes

Expand each accordion to view data table and download data

Data Table for Cumulative COVID-19 Nucleic Acid Amplification Tests (NAATs) Performed by State/Territory

CDC | Data as of: Wednesday, August 17, 2022 1:13 PM ET. Posted: Wednesday, August 17, 2022 2:44 PM ET

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State ⬍	Cumulative Tests Performed ⬍	Cumulative Percent Positivity ⬍
Alabama	8,079,509	12.14%
Alaska	4,232,016	5.73%
American Samoa	N/A	N/A
Arizona	15,399,613	10.94%
Arkansas	5,005,464	10.14%
California	155,335,914	12.40%
Colorado	17,492,451	8.93%
Connecticut	15,441,345	9.41%
Delaware	3,893,146	8.93%
District of Columbia	5,499,236	3.43%
Federated States of Micronesia	N/A	N/A
Florida	61,971,436	10.14%
Georgia	18,018,646	10.14%
Guam	334,121	10.14%
Hawaii	3,708,034	10.14%
Idaho	3,423,302	15.19%
Illinois	49,593,403	5.73%
Indiana	20,486,216	N/A
Iowa	N/A	N/A
Kansas	5,779,038	10.14%
Kentucky	9,989,710	10.14%
Louisiana	11,155,958	8.93%
Maine	4,217,742	5.73%
Maryland	23,052,479	8.93%
Massachusetts	44,779,756	3.43%
Michigan	26,369,289	10.14%
Minnesota	23,179,241	8.93%
Mississippi	2,987,557	15.19%
Missouri	12,900,382	10.14%
Montana	2,111,484	10.14%
Nebraska	2,833,868	10.14%
Nevada	6,362,529	15.19%
New Hampshire	2,166,195	5.73%
New Jersey	28,673,309	8.93%
New Mexico	6,791,101	15.19%
New York*	93,583,692	5.73%
New York City*	N/A	N/A
North Carolina	23,895,226	10.14%
North Dakota	2,402,026	5.73%
Northern Mariana Islands	N/A	N/A
Ohio	22,935,423	10.14%
Oklahoma	4,390,410	20.24%
Oregon	9,025,216	8.93%
Palau	N/A	N/A
Pennsylvania	27,739,859	10.14%
Puerto Rico	3,151,216	N/A
Republic of Marshall Islands	N/A	N/A
Rhode Island	1,748,930	5.73%
South Carolina	13,350,419	10.14%
South Dakota	1,162,689	14.94%
Tennessee	21,824,423	10.14%
Texas	92,932,343	10.14%
Utah	7,569,998	10.14%
Vermont	4,048,854	3.43%
Virgin Islands	117,173	10.14%
Virginia	15,812,844	10.14%
Washington	17,018,259	N/A
West Virginia	5,482,578	10.14%
Wisconsin	17,677,123	8.93%
Wyoming	1,488,314	8.93%

Footnotes

[1] Data will update Monday through Friday as soon as they are reviewed and verified, oftentimes before 8 pm ET. Updates will occur the following day when reporting concludes with a federal holiday. Note: Daily updates (Mon-Fri) might be delayed due to delays in reporting.

- The COVID-19 case and death surveillance data reported by jurisdictions to CDC are subject to change. These 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.

Case and Death Data
Data for New York City and New York State are shown separately for case and death metrics; data for New York State case and death metrics are for the state excluding data for New York City. Testing metrics for New York State include data for New York City.

The map can be modified to show:

- cases and deaths per 100,000 people in the last 7 days
- total new cases and deaths in the last 7 days
- total cases and deaths since January 21, 2020
- total cases per 100,000 people and total deaths (deaths/100,000).

The 7-day cumulative rate is calculated as (current day + 6 preceding days) per 100,000 people using the US Census Bureau Population Estimates Program (2019 Vintage). Rates per 100,000 are calculated as the total cases or deaths per 100,000 people using the US Census Bureau Population Estimates Program (2019 Vintage).

Zero values for cases/deaths are subject to change due to reduced frequency of state reporting and subsequent adjustments that may occur. The 7-day case/death averages therefore may be artifically low over the weekend before adjustment to these zero values.

Data Sources, References & Notes:

- The case classifications for COVID-19 is nationally notifiable disease, are described in an updated COVID-19 surveillance case definition issued by the Council of State and Territorial Epidemiologists. However, there is some variation in how jurisdictions collect and report these case classifications. More information on how CDC collects COVID-19 case surveillance data can be found at FAQ: COVID-19 Data and Surveillance.
- Total cases are based on aggregate counts of COVID-19 cases reported by state and territorial jurisdictions to the Centers for Disease Control and Prevention (CDC) since January 21, 2020, with the exception of persons repatriated to the United States from Wuhan, China, and Japan. All displayed counts include confirmed COVID-19 cases and deaths as reported by U.S. states, U.S. territories, New York City (NYC), and the District of Columbia from the previous day. In accordance with the CDTE definition of COVID-19 cases and deaths, counts for many jurisdictions include both confirmed and probable COVID-19 cases and deaths. COVID-19 case and death data that are not available to CDC are denoted by N/A. For aggregate state-level data, CDC calculates the number of new cases or deaths each day either by using the information provided by states and territorial jurisdictions or by calculating the difference in consecutive counts reported by the state from the day before.
- The number of historical cases and deaths presented on CDC's website reflects the information provided by the states and jurisdictions. Thus, data may reflect either the date the case or death occurred or the date it was recorded in the state. Provision of historical cases and deaths by jurisdictions can influence new case and death numbers and if they are greater than one, CDC incorporates these data and assigns the date to the appropriate dates. Historical cases and deaths are still reflected in the cumulative national totals.
- The "Other" jurisdictions include the Federated States of Micronesia, Guam, New York City, Northern Mariana Islands, Palau, Republic of Marshall Islands and United States Virgin Islands.

Jurisdictional Reporting Differences
CDC uses various methods to gather aggregate case and death data from states, territories, and other jurisdictions' health departments. Learn more at About CDC Case and Death COVID-19 Data. The methods and frequency of data reporting varies by jurisdiction. The dates used to document case and death incidences also vary.

The dates used by jurisdictions for COVID-19 cases that CDC receives include:

- Event date (date of specimen collection, confirmed COVID-19 laboratory test result, or clinical diagnosis): None
- Report date (when the event was reported to the health department or reported by the health department to CDC): Alabama, American Samoa, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Federated States of Micronesia, Florida, Georgia, Guam, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Maine, Maryland, Minnesota, Montana, Nebraska, New Hampshire, New Mexico, New York (excluding NYC), North Dakota, Ohio, Oregon, Palau, Pennsylvania, Puerto Rico, Republic of Marshall Islands, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, U.S. Virgin Islands, Virginia, Washington, West Virginia, Wisconsin, Wyoming
- A combination of event date and report date: Alaska, Arizona, Kentucky, Massachusetts, Michigan, Mississippi, Missouri, Nebraska, New Jersey, New York City, North Carolina, Northern Mariana Islands, Oklahoma, Texas, Pennsylvania, Vermont

The dates used by jurisdictions for COVID-19 related deaths that CDC receives include:

- Date of death: Florida, North Carolina
- Report date (when the event was reported to the health department or reported by the health department to CDC): American Samoa, Arkansas, California, Colorado, Connecticut, District of Columbia, Federated States of Micronesia, Georgia, Guam, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Maine, Minnesota, Montana, Nevada, New Hampshire, New Jersey, New Mexico, New York (excluding NYC), North Dakota, Ohio, Oregon, Palau, Pennsylvania, Puerto Rico, Republic of Marshall Islands, Rhode Island, South Carolina, South Dakota, Tennessee, U.S. Virgin Islands, Virginia, Washington, West Virginia, Wisconsin, Wyoming
- A combination of date of death and report date: Alabama, Arizona, Delaware, Kentucky, Massachusetts, Maryland, Michigan, Mississippi, Missouri, Nebraska, New Mexico, New York City, Northern Mariana Islands, Oklahoma, Texas, Vermont

This information is confirmed and up to date as of July 19, 2021.

Please note that jurisdictional reporting methods are subject to change. These changes can cause artifical data fluctuations on COVID Data Tracker. For example, when jurisdictions opt to report death data by date of death instead of report date, it may appear that overall deaths from COVID-19 are decreasing. This does not reflect a true decline and data should be interpreted with caution. CDC's overall COVID-19 case and death numbers are validated through a confirmation process with each jurisdiction.

September 28, 2021: Nebraska began submitting both confirmed and probable case and death counts for COVID Data Tracker. Cumulative cases and death counts displayed after 9/27/2021 reflect a large increase because of the addition of historic and recent probable cases and deaths to confirmed totals.

October 25, 2021: CDC stopped spreading aggregate COVID-19 case and death counts evenly over jurisdictional non-reporting days (i.e., smoothing), which had been done to reflect case and death trends across these days and to improve the quality of data visualizations. This update was made to avoid under-reporting of weekend averages.

March 30, 2022: The increases observed in Rhode Island from COVID-19 death counts on 2/20/2021 and 3/2/2022 are due to data validation and standard maintenance procedures.

Testing Data

- The data represent COVID-19 Nucleic Acid Amplification Test (NAAT) results, which include reverse transcriptase polymerase chain reaction (RT-PCR) tests from laboratories in the United States, including commercial and reference laboratories, public health laboratories, hospital laboratories, and other testing locations. The data represent laboratory test results not individual people and exclude antibody and antigen tests. The data are provisional and subject to change. National total test counts reflect the latest reported data from states and may differ from the sum of state and territorial data because of lags in reporting. CDC's COVID-19 case surveillance testing data within a jurisdiction (e.g., point of care test sites) and therefore reflects the majority, but not all, COVID-19 NAATs in the United States. Information about how laboratory data are reported to CDC can be found at https://www.cdc.gov/coronavirus/2019-ncov/hcp/clinical-lab-testing.html.
- On September 30th, 2021, CDC moved to presenting the NAAT testing data with a 7-day lag for testing volume and a 3-day lag for percent positivity to better align with other CDC products. This 3-day lag for percent positivity was implemented for all NAAT percent positivity metrics presented on COVID Data Tracker.
- Testing Data update for February 22, 2022 to March 1, 2022 has incomplete negative test result data from Sep 1, 2021 - Jan 31, 2022, impacting testing volumes and percent positivity.
- Testing Data update for April 26, 2021: HHS has incomplete negative test results data from Sep 1, 2021 - Jan 31, 2022, impacting testing volumes and percent positivity.

Wondering what all the data mean?

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