COVID Data Tracker

United States
At a Glance

Cases Total 78,977,146
Last 30 Days

Deaths Total 952,223
Last 30 Days

81.3% of People 5+ with At Least One Vaccination

Use CDC's COVID-19 Community Levels to determine the impact of COVID-19 on communities and take action. Check back soon for COVID Data Tracker updates incorporating COVID-19 Community Levels information.

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

Maps, charts, and data provided by CDC, updated Mon-Sat by 8 pm ET†

View Footnotes and Download Data

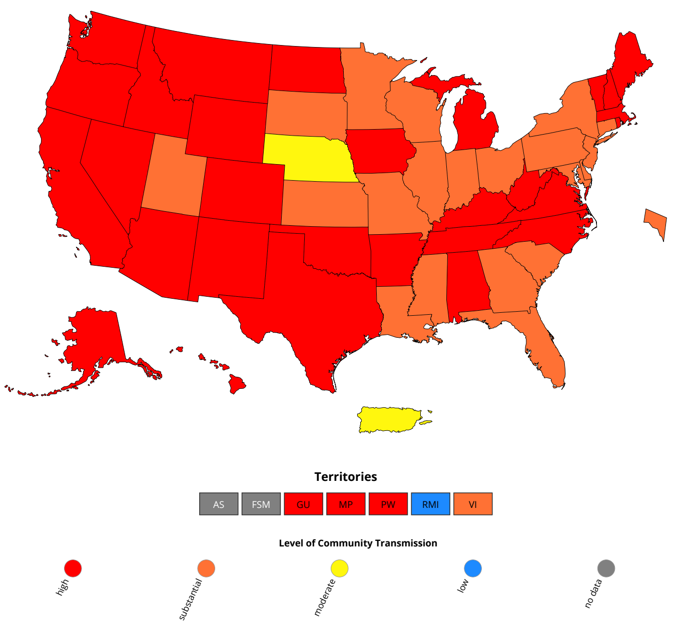
UNITED STATES LEVEL OF COMMUNITY TRANSMISSION	7 DAY CASE RATE PER 100,000	7 DAY PERCENT POSITIVITY
High	111.8	3.85%

CDC | Data as of: March 3, 2022 5:05 PM ET. Posted: March 3, 2022 8:00 PM ET

View:
● Level of Community Transmission
○ Cases
○ Deaths
○ Tests Performed
○ Percent Positive

Level of Community Transmission is based on the number of cases in the last 7 days per 100,000 population and the number of tests in the last 7 days that have a positive result

Level of Community Transmission of COVID-19, by State/Territory



Level of Community Transmission	Number of States/Territories/Jurisdictions at this Level	Percent of States/Territories/Jurisdictions at this Level	Percentage Point Difference Since 7 Days Ago
High	32	56.14%	-33.33%
Substantial	22	38.6%	29.82%
Moderate	2	3.51%	3.51%
Low	1	1.75%	0%

Indicator - If the two indicators suggest different transmission levels, the higher level is selected	**Low Transmission Blue**	**Moderate Transmission Yellow**	**Substantial Transmission Orange**	**High Transmission Red**
Total new cases per 100,000 persons in the past 7 days	0-9.99	10-49.99	50-99.99	≥100
Percentage of NAATs[1] that are positive during the past 7 days	0-4.99%	5-7.99%	8-9.99%	≥10.0%

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Data Downloads and Footnotes

Expand each accordion to view data table and download data

Data Table for Community Transmission

CDC | Data as of: March 3, 2022 5:05 PM ET. Posted: March 3, 2022 8:00 PM ET

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State/Territory ⬍	Level of Transmission ⬍	7-Day Case Rate per 100,000 ⬍	7-day Percent Positivity ⬍
Alabama	high	117.2	5-7.9%
Alaska	high	307	5-7.9%
American Samoa	N/A	N/A	N/A
Arizona	high	124.9	5-7.9%
Arkansas	high	132.8	5-7.9%
California	high	137.7	
Colorado	high	128.1	3-4.9%
Connecticut	substantial	65	
Delaware	substantial	68.4	3-4.9%
District of Columbia	substantial	79.9	< 3%
Federated States of Micronesia	N/A	N/A	N/A
Florida	substantial	70.2	3-4.9%
Georgia	substantial	84.6	3-4.9%
Guam	high	833.9	15-19.9%
Hawaii	high	107	3-4.9%
Idaho	high	576.3	8-9.9%
Illinois	substantial	94.8	< 3%
Indiana	substantial	60	5-7.9%
Iowa	high	77.4	25% +
Kansas	substantial	93.7	5-7.9%
Kentucky	high	191.7	8-9.9%
Louisiana	substantial	57.7	< 3%
Maine	high	214.9	3-4.9%
Maryland	substantial	59.9	< 3%
Massachusetts	high	101.4	< 3%
Michigan	high	130.7	5-7.9%
Minnesota	substantial	99.4	3-4.9%
Mississippi	substantial	90	8-9.9%
Missouri	substantial	88.8	5-7.9%
Montana	high	357.7	5-7.9%
Nebraska	moderate	32.7	8-9.9%
Nevada	high	186.9	5-7.9%
New Hampshire	high	228.5	3-4.9%
New Jersey	substantial	99.9	< 3%
New Mexico	high	135.4	5-7.9%
New York*	N/A	77.2	< 3%
New York (Level of Community Transmission)*	substantial	68.1	< 3%
New York City*	N/A	56.1	
North Carolina	high	172.8	5-7.9%
North Dakota	high	135.6	5-7.9%
Northern Mariana Islands	high	1,353.9	
Ohio	substantial	66.7	3-4.9%
Oklahoma	high	112.2	5-7.9%
Oregon	high	114.8	3-4.9%
Palau	high	589.8	

Pennsylvania	substantial	77	5-7.9%
Puerto Rico	moderate	38.4	5-7.9%
Republic of Marshall Islands	low	0	
Rhode Island	high	115.5	< 3%
South Carolina	substantial	91.5	3-4.9%
South Dakota	substantial	66.8	5-7.9%
Tennessee	high	149.4	
Texas	high	103.4	3-4.9%
Utah	substantial	83.8	5-7.9%
Vermont	high	181.3	3-4.9%
Virgin Islands	substantial	78.1	3-4.9%
Virginia	high	115.2	5-7.9%
Washington	high	232.2	
West Virginia	high	269.8	8-9.9%
Wisconsin	substantial	80.1	3-4.9%
Wyoming	high	106.3	5-7.9%

Footnotes

† Data will update Monday through Saturday as soon as they are reviewed and verified, oftentimes before 8 pm ET. However, daily updates (Mon-Sat) might be delayed due to delays in reported data.

- 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

* Counts 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 information regarding the level of community transmission for New York includes New York City and is presented in data tables and data downloads in a separate row for New York (level of community transmission)*.

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
- rates for cases (cases/100,000 people) and 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. Rates per 100,000 are calculated as the total cases or deaths per 100,000 people using the US Census Bureau Population Estimates Program.

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 artificially low over the weekend before adjustment to these zero values.

Data Sources, References & Notes:

- The case classifications for COVID-19, a nationally notifiable disease, are described in an updated COVID-19 position statement and case definition issued by the Council of State and Territorial Epidemiologists. However, there is some variation in how jurisdictions implement 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 CSTE 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 cumulative 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 7-day averages once CDC incorporates these data and assigns the data to the appropriate dates. Historical cases and deaths are still reflected in the cumulative national totals.
- 2018 population estimates are still used for American Samoa, 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 (the 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, District of Columbia, Federated States of Micronesia, Florida, Georgia, Guam, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Maine, Maryland, Minnesota, Montana, Nevada, New Hampshire, New Mexico, New York (excluding NYC), North Dakota, Ohio, Oregon, Palau, Puerto Rico, Republic of Marshall Islands, South Carolina, South Dakota, Tennessee, Texas, U.S. Virgin Islands, Utah, Virginia, West Virginia, Wisconsin, Wyoming
- A combination of event date and report date: Alaska, Arizona, Northern Mariana Islands, Delaware, Kentucky, Massachusetts, Michigan, Mississippi, Missouri, Nebraska, New Jersey, New York City, North Carolina, Oklahoma, Pennsylvania, Rhode Island, Vermont, Washington

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

- Date of death: Florida
- 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, Delaware, 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, South Carolina, South Dakota, Tennessee, U.S. Virgin Islands, Utah, Virginia, Washington, West Virginia, Wisconsin, Wyoming
- A combination of date of death and report date: Alabama, Alaska, Arizona, Northern Mariana Islands, Kentucky, Massachusetts, Maryland, Michigan, Mississippi, Missouri, Nebraska, New York City, North Carolina, Oklahoma, Rhode Island, Texas, Vermont

This information is confirmed and up to date as of November 23, 2021.

Please note that jurisdictional reporting methods are subject to change. These changes can cause artificial 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 jurisdictions' non-reporting days (i.e., smoothing), which had been done to reflect case and death trends across those days and to improve the quality of data visualizations. This update was made to avoid under-reporting of weekend averages.

Level of Community Transmission

Transmission categories include:

- Blue (Low Transmission): Control is achieved largely through individual prevention behaviors and the public health response to identify and isolate cases or clusters. Threshold: Counties with fewer than 10 cumulative cases per 100,000 population in the past 7 days, and a cumulative NAAT percent test positivity result below 5% in the past 7 days.
- Yellow (Moderate Transmission): Adherence to individual and selected community level prevention strategies are needed. Threshold: Counties with 10-49 cumulative cases per 100,000 population or a cumulative NAAT test positivity result between 5.0-7.9% in the past 7 days.
- Orange (Substantial Transmission): Everyday activities should be limited to reduce spread and protect the health care system. Threshold: Counties with 50-99 cumulative cases per 100,000 population or a cumulative NAAT test positivity result between 8.0-9.9% in the past 7 days.
- Red (High Transmission): Significant measures are needed to limit contact between persons, with priority given to maintaining essential community activities and services (e.g., health care, transportation, food and agriculture, schools). Threshold: Counties with cumulative cases =100 per 100,000 population or a cumulative NAAT test positivity result =10.0% in the past 7 days.

The Level of Community Transmission table displays the number of states in each level and the change from the prior week.

Additional information about how these indicators and thresholds apply to K-12 school settings can be found here: Guidance for COVID-19 Prevention in K-12 Schools. Additional information about how these indicators and thresholds apply to Institutions of Higher Education (IHE) can be found here: Considerations for Institutions of Higher Education (IHEs). Additional information can be found on the Calculating Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Laboratory Test Percent Positivity: CDC Methods and Considerations for Comparisons and Interpretation webpage.

Previously, CDC provided guidance for schools through the Indicators for Dynamic School Decision-Making. The current indicators and thresholds are an update to that document that reflect a focus on the past 7 days (rather than 14), and four (rather than five) categories of community transmission.

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 totals-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 not match the sum of the data presented for all jurisdictions. The data may also not include results from all testing sites within a jurisdiction (e.g., point-of-care test sites) and therefore reflect 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/lab/reporting-lab-data.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 and for the calculation of level of community transmission.
- Testing Data update for September 1, 2021: WA has incomplete negative test result data, impacting testing volumes and percent positivity.
- Testing Data update for February 22, 2022: IA has incomplete negative test result data, impacting testing volumes and percent positivity.

Wondering what all the data mean?

CDC's new COVID Data Tracker Weekly Review helps you stay up-to-date on the pandemic with weekly visualizations, analysis, and interpretations of key data and trends.

How does COVID-19 Spread?

Learn more

Information on US COVID-19 Cases Caused by Variants

Learn more here

Do you need information on testing?

Find it here

View and Download COVID-19 Case Surveillance Public Use Data with Geography

Cite COVID Data Tracker
Centers for Disease Control and Prevention. COVID Data Tracker. Atlanta, GA: US Department of Health and Human Services, CDC; 2022, March 04. https://covid.cdc.gov/covid-data-tracker

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