

# COVID Data Tracker

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

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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

Collapse —

**United States**  
At a Glance

**Cases Total** 101,094,670

Case Trends



**Deaths Total** 1,091,184

Death Trends



**Current Hosp.** 21,033

Admission Trends



**15.4% of People 5+ with Updated Booster Dose**



Data Tracker Home

Cases, Deaths, & Testing

Case & Death Demographic Trends

**Vaccination Distribution & Coverage**

Vaccine Effectiveness & Breakthrough Surveillance

Health Equity

Pediatric

Pregnancy

People at Increased Risk

[< Back to Vaccination Distribution & Coverage](#)

## COVID-19 Vaccinations in the United States

Maps, charts, and data provided by CDC, updates weekly on Thursday by 8pm ET<sup>†</sup>

[The percent of the population coverage metrics are capped at 95%. Learn how CDC estimates vaccination coverage.](#)

### Total Vaccine Doses

Distributed 942,343,115

Administered 665,076,272

**1.73M**

**Children < 5 years of age with at least one dose since June 18, 2022**

See [Vaccination Demographic Trends](#) for more information.

**48.2M**

**People ≥ 5 years of age with an updated (bivalent) booster dose<sup>‡</sup>**



	At Least One Dose Vaccinated People	Completed Primary Series Count	Updated (Bivalent) Booster Dose Percent of US Population
Wastewater Surveillance			
Health Care Settings	Total	268,546,218	80.9%
Social Impact & Prevention	Population ≥ 5 Years of Age	266,629,659	85.4%
Variants & Genomic Surveillance	Population ≥ 12 Years of Age	255,284,027	90%
Antibody Seroprevalence	Population ≥ 18 Years of Age	237,131,660	91.8%
Post-COVID Conditions	Population ≥ 65 Years of Age	58,664,118	95%

Traveler-Based Genomic Surveillance

[About These Data](#) | [View Footnotes](#) CDC | Data as of: January 4, 2023 6:00am ET. Posted: January 5, 2023

- Other COVID-19 Data
- Communications Resources

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[What's this?](#)

- View:**
- Total Doses
  - People
- Show:**
- At Least One Dose
  - Completed Primary Series
  - Updated Booster Dose

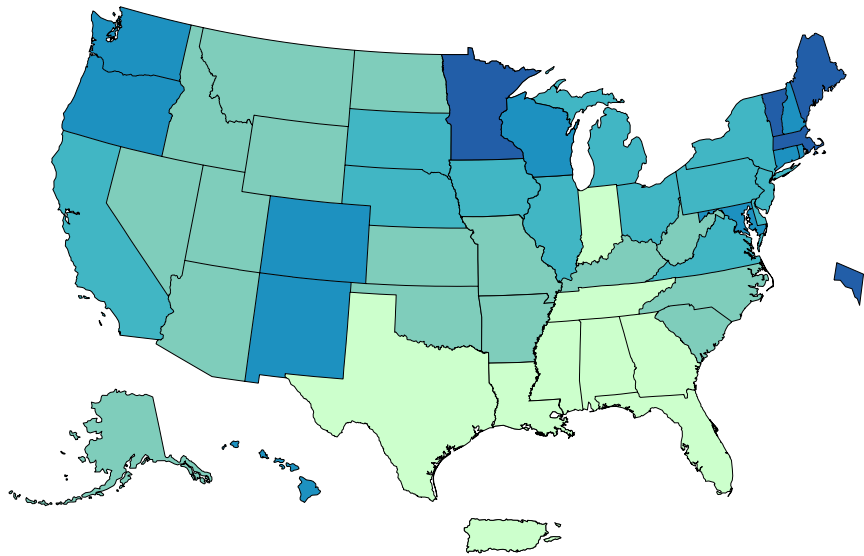
- Population:**
- Population ≥ 5 Years of Age
  - Population ≥ 12 Years of Age
  - Population ≥ 18 Years of Age
  - Population ≥ 65 Years of Age

This shows the percentage of all residents ages residents ages 5 years and older years and older in a jurisdiction (state, territory) with an updated (bivalent) booster dose. Non-residents who received vaccine are attributed to their jurisdiction of residence.

To view recent and historic maps of COVID-19 vaccination by more defined age groups and by sex, please visit: [Maps of COVID-19 Vaccinations by Age and Sex over Time](#)

### Percent of the Population 5 Years of Age and Older with an Updated (Bivalent) Booster Dose Reported to CDC by Jurisdictions and Select Federal Entities

- No Data
- 0 - 9.9%
- 10.0 - 14.9%
- 15.0 - 19.9%
- 20.0 - 24.9%
- ≥ 25%



Territories

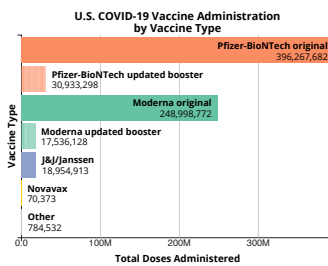
- GU
- AS
- PW
- FM
- MP
- MH
- VI

Federal Entities

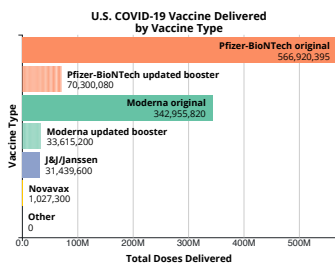
- BoP
- DoD
- IHS
- VHA

Data for Federal Entities are presented here and are also incorporated into the respective jurisdictional totals

[Download Map](#)



[Download](#)



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Data Downloads and Footnotes

Expand each accordion to view data table and download data

[View Historic Vaccination Data](#)

Data Table for COVID-19 Vaccinations in the United States

CDC | Data as of: January 4, 2023 6:00am ET. Posted: January 5, 2023

[Download Data](#)

<b>Jurisdiction (State/Territory) or Federal Entity ↕</b>	<b>Residents with an updated (bivalent) booster dose ↕</b>	<b>Percent of pop with an updated (bivalent) booster dose ↕</b>	<b>Residents 5+ with an updated (bivalent) booster dose ↕</b>	<b>Percent of 5+ pop with an updated (bivalent) booster dose ↕</b>
Alabama	319,325	6.9	319,325	6.9
Alaska	88,387	13	88,387	13
American Samoa	383	0.9	383	0.9
Arizona	957,108	14	957,108	14
Arkansas	291,755	10.3	291,755	10.3
Bureau of Prisons	7,607	0	7,607	0
California	6,882,626	18.5	6,882,626	18.5
Colorado	1,099,812	20.3	1,099,812	20.3
Connecticut	798,752	23.6	798,752	23.6
Delaware	182,604	19.9	182,604	19.9
Dept of Defense	148,376	0	148,376	0
District of Columbia	193,040	29.2	193,040	29.2
Federated States of Micronesia	9,486	10.2	9,486	10.2
Florida	1,996,360	9.8	1,996,360	9.8
Georgia	949,473	9.5	949,473	9.5
Guam	12,108	7.9	12,108	7.9
Hawaii	272,795	20.5	272,795	20.5
Idaho	219,206	13.1	219,206	13.1
Illinois	2,259,237	18.9	2,259,237	18.9
Indian Health Svc	138,388	0	138,388	0
Indiana	627,668	9.9	627,668	9.9
Iowa	556,764	18.8	556,764	18.8
Kansas	401,549	14.7	401,549	14.7
Kentucky	493,486	11.8	493,486	11.8
Louisiana	294,673	6.8	294,673	6.8
Maine	364,456	28.5	364,456	28.5
Marshall Islands	1,707	2.5	1,707	2.5
Maryland	1,286,802	22.6	1,286,802	22.6
Massachusetts	1,852,518	28.3	1,852,518	28.3
Michigan	1,580,289	16.8	1,580,289	16.8
Minnesota	1,324,793	25.1	1,324,793	25.1
Mississippi	163,170	5.8	163,170	5.8
Missouri	799,905	13.9	799,905	13.9
Montana	150,404	14.9	150,404	14.9
Nebraska	294,954	16.4	294,954	16.4
Nevada	344,432	11.9	344,432	11.9
New Hampshire	273,042	21.1	273,042	21.1
New Jersey	1,299,094	15.5	1,299,094	15.5
New Mexico	408,428	20.7	408,428	20.7
New York State	2,977,506	16.2	2,977,506	16.2
North Carolina	1,382,666	14	1,382,666	14
North Dakota	103,814	14.7	103,814	14.7
Northern Mariana Islands	2,824	5.9	2,824	5.9

Jurisdiction (State/Territory) or Federal Entity ↕	Residents with an updated (bivalent) booster dose ↕	Percent of pop with an updated (bivalent) booster dose ↕	Residents 5+ with an updated (bivalent) booster dose ↕	Percent of 5+ pop with an updated (bivalent) booster dose ↕
Ohio	1,660,482	15.1	1,660,482	15.1
Oklahoma	416,772	11.3	416,772	11.3
Oregon	805,724	20.2	805,724	20.2
Pennsylvania	2,101,287	17.4	2,101,287	17.4
Puerto Rico	167,121	5.4	167,121	5.4
Republic of Palau	1,512	7.4	1,512	7.4
Rhode Island	236,926	23.6	236,926	23.6
South Carolina	516,565	10.6	516,565	10.6
South Dakota	132,727	16.1	132,727	16.1
Tennessee	624,693	9.7	624,693	9.7
Texas	2,671,902	9.9	2,671,902	9.9
Utah	401,037	13.6	401,037	13.6
Vermont	186,038	31.3	186,038	31.3
Veterans Health	710,413	0	710,413	0
Virgin Islands	3,256	3.3	3,256	3.3
Virginia	1,574,605	19.6	1,574,605	19.6
Washington	1,713,902	23.9	1,713,902	23.9
West Virginia	186,743	11	186,743	11
Wisconsin	1,155,032	21	1,155,032	21
Wyoming	59,975	11	59,975	11

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## Footnotes

**Timing:**<sup>†</sup> Data will be updated after review and verification, usually before 8:00 pm ET. Note: Weekly updates might be delayed due to delays in reporting.

- Data on doses of vaccine distributed and administered include data received by CDC as of 6:00 am ET on Wednesdays.
- Vaccination data on CDC's COVID Data Tracker are updated weekly on Thursdays between 1:30 pm and 8:00 pm ET.
- Updates will occur the following day when Thursday reporting coincides with a federal holiday.
- Beginning **June 13, 2022**, instead of daily, jurisdictions and other partners will report vaccine administration and delivery data to CDC weekly on Wednesdays by 6 AM ET. As a result, instead of daily, the following COVID Data Tracker tabs will be refreshed weekly on Thursday by 8:00 PM ET: [Vaccinations in the United States](#), [Vaccinations by County](#), [Vaccination Trends](#), [Vaccination Demographic Trends](#), and [Vaccination Equity](#).

Visit the [COVID-19 Vaccination Data in the United States](#) pages for more information about COVID-19 vaccination data, including data definitions.

### Children <5 with at Least One Dose:

- **The count of "children <5 years of age with at least one dose since June 18, 2022" includes children who have received at least one dose of the three-dose pediatric Pfizer vaccine or at least one dose of the two-dose pediatric Moderna vaccine since the date of CDC recommendation on June 18, 2022.**
  - **This count also includes children who have received at least one dose of unknown or other primary series vaccine types.**
- **Limitations to counting children <5 years of age:**
  - Due to data reporting limitations and Census denominator availability, CDC is only able to present vaccination information for recipients by year of age when displaying information by age groups. Therefore, despite the vaccination recommendation being for children aged 6 months to <5 years, population estimates for all children aged <5 years are used as the denominator. This will result in related vaccination coverage

metrics appearing lower than would be estimated if children <6 months of age were excluded from the denominator.

- Due to data reporting limitations, the count of children <5 years of age with COVID-19 vaccine does not include administrations of the pediatric Moderna vaccine in Texas and Idaho, entities that report in aggregate to CDC. CDC continues to work collaboratively with Texas and Idaho to include all vaccinations in this age group. Updates will be posted here when available.
  - Beginning **August 4, 2022**, this count now includes administrations of the pediatric Moderna vaccine in Idaho.
  - Beginning **August 11, 2022**, this count now includes administrations of the pediatric Moderna vaccine in Texas.

**‡People ≥ 5 years of age with an updated (bivalent) booster dose:**

- **For surveillance purposes, the count of people with an updated booster dose includes people:**
  - **ages 5 to 11 years who received the updated (bivalent) Pfizer-BioNTech booster dose since October 12, 2022**
    - CDC can count updated Pfizer-BioNTech administrations in this population beginning October 12, 2022, because this formulation is reported to CDC using a different COVID-19 vaccine code than the updated Pfizer-BioNTech formulation authorized for the population aged 12 years and older.
  - **ages 12 years and older who received the updated (bivalent) Pfizer-BioNTech booster dose since September 1, 2022**
  - **ages 6 to 17 years who received the updated (bivalent) Moderna booster dose since September 1, 2022**
    - Even though this age group was recommended to receive the updated Moderna booster dose beginning October 12, 2022, pediatric doses of this formulation are reported to CDC using the same COVID-19 vaccine code as doses administered to the adult population. Approximately 900 children ages 6 to 17 years received the updated Moderna booster dose between September 1, and October 12, 2022.
  - **ages 18 years and older who received the updated (bivalent) Moderna booster dose since September 1, 2022**
- **For percentage-based metrics, CDC uses US Census estimates for the total populations within each specified age group regardless of prior vaccination status as denominators.**
- **Data Limitations:**
  - For records reported in aggregate form, CDC currently assumes that one updated (bivalent) booster dose administration is equivalent to one vaccine recipient. As a result, if a resident under the age of 18 years in Idaho or a resident (any age) in Texas receives more than one updated booster dose, CDC will count them as multiple vaccine recipients with a single updated booster dose per person.

**\*Completed Primary Series:**

- **For surveillance purposes, COVID Data Tracker counts people as having "completed a primary series" if they received one dose of a single-dose vaccine or two doses on different days (regardless of time interval) of either a mRNA or a protein-based series. When the vaccine manufacturer is not reported, the recipient is considered fully vaccinated with two doses.**

Data represent all vaccine partners including jurisdictional partner clinics, retail pharmacies, long-term care facilities, dialysis centers, Federal Emergency Management Agency and Health Resources and Services Administration partner sites, and federal entity facilities.

COVID Data Tracker's vaccination data typically have a lag time from vaccination data shown on a state's website. The amount of lag time varies for each state.

All reported numbers may change over time as historical data are reported to CDC.

**For reporting on CDC COVID Data Tracker,**

- CDC estimates the number of people receiving at least one dose, the number of people with a completed primary series, and the number of people with an updated (bivalent) booster dose based on information that state, territorial, tribal, and local public health agencies and federal entities report to CDC on dose number, dose manufacturer, administration date, recipient ID, and date of submission. Because the method used to determine dose numbers needs to be applied across multiple jurisdictions (states, territories, tribes, or local entities) with different reporting practices, CDC's dose number estimates might differ from those reported by jurisdictions and federal entities. People receiving doses are attributed to the jurisdiction in which the person resides unless noted otherwise.

- Metrics for rates per 100,000 population can be greater than 100,000 since this is a dose-based measure and each person [may have up to three vaccine doses to complete their vaccine series and may have received multiple booster doses.](#)
- Beginning July 14, 2021, select entities had the ability to update or delete submitted records using a new functionality available in CDC's Data Clearinghouse. As of August 9, 2021, all entities have the ability to update or delete their previously submitted records. Use of this new functionality may result in fluctuations across metrics on the CDC COVID Data Tracker as historical data are updated or deleted. The functionality will also allow for more accurate reporting and improved data quality. [Click here to view an appendix of historical update and delete events.](#)

#### Vaccination Data Updates:

Recent changes to vaccine data are reported below, when available.

Click [here](#) to view all historical vaccine data updates.

- **New Hampshire** lifted its national COVID-19 emergency response declaration in May 2021, which allows vaccine recipients to opt out of having their COVID-19 vaccinations included in the state's Immunization Information System registry. As such, data submitted by New Hampshire since May 2021 may not be representative of all COVID-19 vaccination occurring in the state.
  - Effective **July 14, 2022**, New Hampshire will only report year of birth instead of full birthdate for vaccine recipients to CDC. This will result in numbers and rates for some age groups being under- or over-estimated.
- On September 1, 2022, CDC [recommended](#) updated COVID-19 boosters from Pfizer-BioNTech for people ages 12 years and older and from Moderna for people ages 18 years and older. The **first booster dose** and **second booster dose** metrics currently on COVID-19 Data Tracker **include administrations of both the previously recommended and updated booster doses.**
- On **November 3, 2022**, the total number of doses distributed posted to COVID Data Tracker inadvertently included duplicate doses. The issue has since been resolved, and the total posted to COVID Data Tracker on **November 10, 2022** accurately reflects the total doses distributed (net decrease of 23,416,850 doses).
- On **December 1, 2022**, the daily number of vaccine doses administered for New Hampshire was 132,994 doses. This total includes recent dose administrations and historic dose administrations from the 6 weeks prior that had not been reported to CDC by New Hampshire.
- On **December 14, 2022**, the daily number of vaccine doses administered for Delaware was 96,912 doses. This total includes recent dose administrations and historic dose administrations from the month prior that had not been reported to CDC by Delaware.
- On **December 16, 2022**, HHS granted an exception to the COVID-19 provider agreement reporting requirements for certain organizations supporting COVID-19 vaccination efforts in long-term care facilities (LTCF). Unless otherwise required under state law, these organizations are not required to report COVID-19 vaccine administration data to the jurisdiction Immunization Information System from December 16, 2022 to March 16, 2023 under the new agreement. As a result, vaccine administration data reported here may not be complete for these groups. For updated information on COVID-19 vaccination status of LTCF residents and staff, see [CDC COVID Data Tracker: Vaccinations in Nursing Homes.](#)

#### Record Management:

Beginning July 14, 2021, entities have the ability to update or delete their previously submitted records. Recent record management updates are reported below, when available.

Click [here](#) to view all historical record management updates.

- **January 2, 2023:** Illinois made updates to data previously submitted to CDC that resulted in a net decrease of **19,849** administered doses.

## Dialysis Vaccination Data Dashboard

Dialysis facilities report weekly COVID-19 vaccination data for patients and healthcare personnel to CDC's National Healthcare Safety Network (NHSN).

## Nursing Home Vaccination Data Dashboard

Long-term care facilities report weekly COVID-19 vaccination data for residents and healthcare personnel to CDC's National Healthcare Safety Network (NHSN).

## Want to know more about trends in COVID-19 US vaccinations?

See the [latest trends](#) in the number of COVID-19 vaccinations given in the United States.

### Cite COVID Data Tracker

Centers for Disease Control and Prevention. COVID Data Tracker. Atlanta, GA: US Department of Health and Human Services, CDC; 2023, January 10. <https://covid.cdc.gov/covid-data-tracker>

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