

COVID Data Tracker

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

[COVID-19 Home >](#)



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 103,499,382

Case Trends

Deaths Total 1,117,856

Death Trends

Current Hosp. 19,841

Admission Trends

16.2% of People 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[†]

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

Total Vaccine Doses

Distributed 965,128,255

Administered 672,076,105

1.87M

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

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

53.6M

People with an updated (bivalent) booster dose‡

At Least One Dose

Completed Primary Series

Updated (Bivalent) Booster Dose

- [Wastewater Surveillance](#)
- [Health Care Settings](#)
- [Social Impact & Prevention](#)
- [Variants & Genomic Surveillance](#)
- [Antibody Seroprevalence](#)
- [Post-COVID Conditions](#)
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Vaccinated People	Count	Percent of US Population
Total	269,554,116	81.2%
Population ≥ 5 Years of Age	267,490,279	85.7%
Population ≥ 12 Years of Age	256,054,190	90.3%
Population ≥ 18 Years of Age	237,837,162	92.1%
Population ≥ 65 Years of Age	58,768,279	95.0%

[About These Data](#) | [View Footnotes and Download Data](#) CDC | Data as of: March 1, 2023 6:00am ET. Posted: March 2, 2023

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

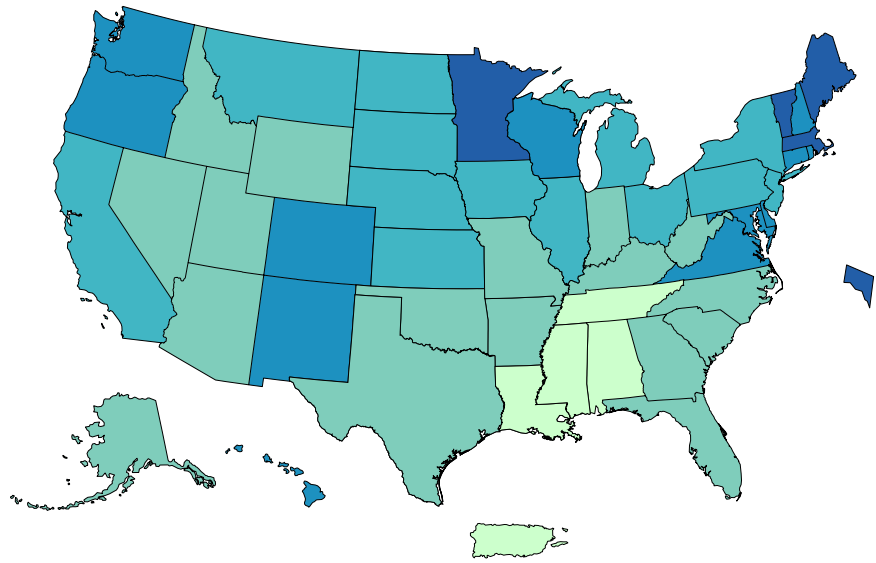
- Population:**
- Total Population
 - Population ≥ 5 Years of Age
 - Population ≥ 12 Years of Age
 - Population ≥ 18 Years of Age
 - Population ≥ 65 Years of Age

This shows the percentage of all residents 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 Total Population 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

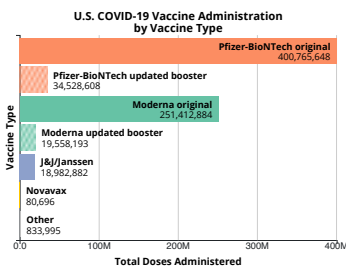
- GU
- AS
- PW
- FM
- MP
- MH
- VI

Federal Entities

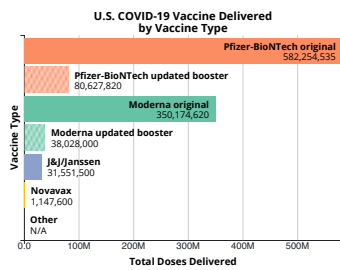
- BoP
- DoD
- IHS
- VHA

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

[Download Map](#)



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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: March 1, 2023 6:00am ET. Posted: March 2, 2023

[Download Data](#)

Jurisdiction (State/Territory) or Federal Entity ⇅	Residents with an updated (bivalent) booster dose ⇅	Percent of pop with an updated (bivalent) booster dose ⇅	Residents 18+ with an updated (bivalent) booster dose ⇅	Percent of 18+ pop with an updated (bivalent) booster dose ⇅
Alabama	357,312	7.3	348,730	9.1
Alaska	98,233	13.4	91,331	16.6
American Samoa	528	1.1	520	1.7
Arizona	1,073,514	14.7	1,009,896	17.9
Arkansas	318,188	10.5	306,426	13.2
Bureau of Prisons	9,578	N/A	9,578	N/A
California	7,737,412	19.6	7,211,077	23.6
Colorado	1,203,420	20.9	1,119,491	24.9
Connecticut	873,910	24.5	825,954	29.1
Delaware	199,136	20.5	190,049	24.7
Dept of Defense	179,254	N/A	167,861	N/A
District of Columbia	216,026	30.6	201,457	34.9
Federated States of Micronesia	14,065	13.7	10,861	16.3
Florida	2,359,965	11	2,293,833	13.3
Georgia	1,063,739	10	1,008,881	12.4
Guam	15,655	9.3	14,416	12.6
Hawaii	299,886	21.2	282,791	25.3
Idaho	237,170	13.3	225,666	16.9
Illinois	2,479,089	19.6	2,318,581	23.5
Indian Health Svc	160,913	7.7	143,251	N/A
Indiana	708,608	10.5	674,636	13.1
Iowa	607,550	19.3	576,074	23.7
Kansas	442,298	15.2	416,238	18.8
Kentucky	539,782	12.1	518,873	15
Louisiana	337,185	7.3	328,722	9.2
Maine	398,057	29.6	376,882	34.4
Marshall Islands	2,600	3.3	2,222	4.7
Maryland	1,409,792	23.3	1,306,420	27.7
Massachusetts	2,053,033	29.8	1,889,957	34.1
Michigan	1,713,909	17.2	1,627,430	20.8
Minnesota	1,444,459	25.6	1,339,700	30.9
Mississippi	188,400	6.3	183,695	8.1
Missouri	870,672	14.2	829,278	17.4
Montana	164,659	15.4	157,204	18.7
Nebraska	324,724	16.8	304,689	20.9
Nevada	380,168	12.3	364,677	15.3
New Hampshire	309,711	22.8	293,956	26.6
New Jersey	1,449,482	16.3	1,370,815	19.7
New Mexico	445,461	21.2	417,843	25.8
New York State	3,287,754	16.9	3,121,698	20.2
North Carolina	1,527,124	14.6	1,441,812	17.6
North Dakota	115,334	15.1	108,419	18.6
Northern Mariana Islands	4,144	8	3,601	10
Ohio	1,814,805	15.5	1,719,681	18.9

Jurisdiction (State/Territory) or Federal Entity ↕	Residents with an updated (bivalent) booster dose↕	Percent of pop with an updated (bivalent) booster dose ↕	Residents 18+ with an updated (bivalent) booster dose ↕	Percent of 18+ pop with an updated (bivalent) booster dose ↕
Oklahoma	456,698	11.5	438,795	14.6
Oregon	897,974	21.3	832,939	24.9
Pennsylvania	2,320,499	18.1	2,194,555	21.6
Puerto Rico	312,187	9.8	303,448	11.6
Republic of Palau	1,847	8.6	1,686	10.2
Rhode Island	261,913	24.7	247,803	29
South Carolina	576,729	11.2	555,612	13.8
South Dakota	148,056	16.7	139,946	21
Tennessee	676,058	9.9	651,079	12.2
Texas	3,023,317	10.4	2,846,648	13.2
Utah	445,883	13.9	406,934	17.9
Vermont	203,769	32.7	188,316	36.9
Veterans Health	820,297	N/A	820,268	N/A
Virgin Islands	3,786	3.6	3,740	4.6
Virginia	1,723,309	20.2	1,607,193	24.1
Washington	1,878,536	24.7	1,735,761	29.2
West Virginia	202,470	11.3	197,150	13.8
Wisconsin	1,269,016	21.8	1,195,552	26.2
Wyoming	62,803	10.9	60,354	13.6

Footnotes

Timing:[†] 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 ages 6 months and older with an updated (bivalent) booster dose:

- **For surveillance purposes, the count of people with an updated booster dose includes people:**
 - **ages 6 months to 5 years who received updated (bivalent) Moderna booster dose since December 09, 2022**
 - Currently, there is no recommendation for a bivalent booster for children <5 years who have completed a three-dose primary series of the monovalent Pfizer-BioNTech vaccine.
 - New recommendation is for children ages 6 months–4 years who complete a Moderna primary series to receive a bivalent Moderna booster dose at least 2 months after completion of the primary series.
 - Children ages 5 years who complete a Moderna primary series may receive either the previously authorized bivalent Pfizer-BioNTech booster dose or the newly authorized bivalent Moderna booster dose at least 2 months after completion of the Moderna primary series.
 - [Stay Up to Date with COVID-19 Vaccines Including Boosters | CDC](#)
 - **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 any updated (bivalent) 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.

- **March 1, 2023:** Illinois made updates to data previously submitted to CDC that resulted in a net decrease of **43,562** 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

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