

# COVID-19 Vaccination: Selected U.S. Data Sources

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The sources below can help congressional staff track the progress of the U.S. COVID-19 vaccination campaign at the national, state, and local levels.

Sources were selected for having commonly cited and frequently requested data. This list is not intended to be comprehensive. Additional sources may be added in future updates. Because different resources use different methodologies, readers should check websites' notes, definitions, and caveats. Readers should also use caution when comparing data across sources or geographies. For assistance in interpreting or analyzing these data, congressional staff should contact CRS (202-707-5700, or place a request at the CRS website).

For an overview of vaccine data systems and considerations for Congress, see CRS Insight IN11584, *Tracking COVID-19 Vaccines: U.S. Data Systems and Related Issues*.

The Centers for Disease Control and Prevention's (CDC's) [COVID-19 Vaccine](#) website can assist constituents with vaccine questions, including "How Do I Get a Vaccine?" Vaccine eligibility varies by state, locality, and provider. Sources tracking state eligibility policies include [Kaiser Family Foundation](#), [New York Times](#), [USAFACTS](#), [National Governors Association](#), [Johns Hopkins University](#), and [National Academy for State Health Policy](#).

Example data sources on public attitudes toward vaccination include [Census Bureau \(tables\)](#), [University of Southern California](#), [Kaiser Family Foundation](#), [Carnegie Mellon University](#), [AP-NORC](#), [University of Minnesota](#), [Pew](#), and [scholarly articles](#).

## About Vaccine Data

In the COVID-19 vaccine program, doses are first *allocated* and made available to states and other jurisdictions for ordering. Once ordered, vaccines are *delivered* (i.e., distributed) to the appropriate state and other jurisdiction sites. Doses are then *administered* to patients by providers that also report administration data to jurisdictions and CDC. Federal health care programs (e.g., Indian Health Service) manage and report vaccine data through a similar process. Two of the vaccines currently approved, Pfizer-

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BioNTech and Moderna, require two doses for full effectiveness. A third, J&J/Janssen, is a single-dose vaccine.

## CDC Sources

CDC’s [COVID Data Tracker](#) tracks the delivery and administration of doses and the number and percentage of people vaccinated. Doses per capita and percentage vaccinated are provided for the total population and the population aged 18 and older. Data are available nationally, by state, and by federal entity (i.e., Bureau of Prisons, Department of Defense, Indian Health Service, and Veterans Health Administration). CDC also provides national counts of doses delivered and administered and people fully vaccinated, by vaccine type (i.e., J&J/Janssen, Moderna, Pfizer-BioNTech). [Vaccinations in Long Term Care Facilities](#) tracks data from the Federal Pharmacy Partnership for Long-Term Care Program.

CDC also has [state vaccine allocation spreadsheets](#) (within a dataset, click “View Data” and export spreadsheet).

## Non-CDC Sources

Non-CDC sources provide different visualizations and analyses of CDC vaccine data and incorporate data from state and other jurisdiction-specific sources.

[Bloomberg](#) provides visualizations of CDC data, [demographic data](#) from state and local agencies, and international data. Some links require a free account.

[Covid Act Now](#) tracks the percentage of people who have received their first vaccine dose by state and selected counties and metro areas. Data are from CDC, supplemented by metro and county dashboards when available.

[Johns Hopkins University & Medicine \(JHU\)](#) provides state-level data from CDC and Centers for Civic Impact. JHU also tracks [international data](#).

[Kaiser Family Foundation](#) publishes data by race and ethnicity, compiled from state agency websites. Not all states report these data.

[New York Times \(NYT\)](#) provides visualizations of CDC data.

[Washington Post](#) provides data from CDC and states, as well as priority population estimates by [partners](#). It also has the percentage of the priority populations that have been vaccinated.

Links to state data dashboards have been compiled by [CDC](#) (click map). Some state dashboards also track local data.

## State-Level Data Sources

**Table 1** provides links to help congressional staff navigate to websites containing the specific statistics they are researching.

**Table 1. National- and State-Level Vaccination Data**

(links to selected resources)

Measure	National and State Data (unless otherwise noted)
Doses allocated (number)	<a href="#">CDC</a>

<b>Measure</b>	<b>National and State Data (unless otherwise noted)</b>
Doses delivered (number)	<a href="#">CDC</a> <a href="#">NYT</a> <a href="#">Washington Post</a> (national)
Doses delivered (per capita)	<a href="#">CDC</a> (per 100,000)
Doses delivered, by vaccine type (J&J/Janssen, Moderna, Pfizer-BioNTech) (number)	<a href="#">CDC</a> (national)
Percentage of delivered doses that have been administered	<a href="#">Bloomberg</a> (see “Supply used”) <a href="#">CDC</a> (first doses) <a href="#">NYT</a> (see “Doses used”)
Doses administered, total (number)	<a href="#">Bloomberg</a> <a href="#">CDC</a> <a href="#">JHU</a> <a href="#">NYT</a> (see “Shots given”)
Doses administered (per capita)	<a href="#">Bloomberg</a> (per 100, trend chart) <a href="#">CDC</a> (per 100,000)
People who received first dose (number)	<a href="#">CDC</a> (also <a href="#">national trend chart</a> ) <a href="#">Washington Post</a>
People who received first dose (percentage of population)	<a href="#">CDC</a> <a href="#">Covid Act Now</a> (see “Vaccinated (1+ dose)”); available for states and selected counties and metro areas) <a href="#">NYT</a> <a href="#">Washington Post</a>
People fully vaccinated (number)	<a href="#">CDC</a> (also <a href="#">national trend chart</a> ) <a href="#">JHU</a>
People fully vaccinated (percentage of population)	<a href="#">Bloomberg</a> <a href="#">CDC</a> <a href="#">JHU</a> <a href="#">NYT</a> <a href="#">Washington Post</a>
People fully vaccinated, by vaccine type (number)	<a href="#">CDC</a> (national)
Doses administered per day (daily count and 7-day rolling average, trend)	<a href="#">Bloomberg</a> <a href="#">CDC</a> (national) <a href="#">NYT</a> (see “New reported Doses Administered by Day,” national) <a href="#">Washington Post</a> (see “Reported doses administered by day”)
Doses administered, by vaccine type (number)	<a href="#">CDC</a> (national)

Vaccination in long-term care facilities under Federal Pharmacy Partnership for LTC Program	<a href="#">CDC</a> (number of doses administered; number of people who received $\geq 1$ dose, number of people fully vaccinated) (see also <a href="#">national trend chart</a> under “Select program”)
Demographics of population vaccinated (not all states report these data)	<a href="#">Bloomberg</a> (race/ethnicity; state) <a href="#">CDC</a> (race/ethnicity, age, sex; national) <a href="#">CDC</a> (number and percentage of aged 65+ vaccinated, national) <a href="#">Kaiser Family Foundation</a> (race/ethnicity; state) <a href="#">Washington Post</a> (percentages of race, ethnicity, and age groups that have been vaccinated, national)

**Source:** CRS analysis of data sources as of March 15, 2021.

**Note:** Some of the sources in this table report similar data, but with different visualizations and analysis.

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