COVID-19 Vaccine Doses: Selected Data Sources on Allocation, Distribution, and Administration

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The selected 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 is not intended to be a comprehensive source list. 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). 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?"

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*.

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 *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. The vaccines currently approved (Pfizer-BioNTech and Moderna) require two doses for full effectiveness. Federal health care programs (e.g., Indian Health Service) manage and report vaccine data through a similar process.

CDC Sources

CDC's COVID Data Tracker tracks total doses distributed, total doses administered, the number of people who have received at least one dose, and the number of people who have received two doses. The map shows counts and per capita distribution and administered (per 100,000 population). Data are available

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nationally, by state, and by federal entity (i.e., Bureau of Prisons, Department of Defense, Indian Health Service, and Veterans Health Administration). National data are also provided on the number of doses administered by vaccine type (Moderna or Pfizer). Vaccinations in Long Term Care Facilities shows the number of doses administered via the Federal Pharmacy Partnership for Long-Term Care Program.

State vaccine distribution allocation spreadsheets are available from CDC (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 acquired from state and other jurisdiction-specific sources.

Bloomberg provides international, national, and state data from "government websites, official statements and Bloomberg interviews," and notes that "[l]ocal governments and the CDC sometimes report different totals for the same jurisdiction; in these cases Bloomberg uses the higher number. It can take several days for counts to be reported to databases."

Covid Act Now has state, county, and metro area data on the percentage of people who have received their first vaccine dose. Data are not yet available for all counties or metro areas. Data are from CDC, supplemented by metro and county dashboards when available.

Johns Hopkins University & Medicine provides state-level data from Centers for Civic Impact, which has compiled links to state vaccination data dashboards; some state dashboards may also track local data. They also track international vaccine data.

Kaiser Family Foundation publishes state-level vaccination data by race and ethnicity, compiled from state agency websites. Not all states report these data.

New York Times provides additional 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.

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)	CDC
	Washington Post (see "First doses scheduled for delivery")
Doses distributed (number)	CDC
	New York Times
	Washington Post (national)
Doses distributed (per capita)	CDC (per 100,000)
Percentage of distributed doses that have been administered	Bloomberg (see "Supply used")
	New York Times (see "Doses used")

Measure	National and State Data (unless otherwise noted)
Doses administered, total (number)	Bloomberg CDC Johns Hopkins University *New York Times* (see "Shots given")
Doses administered (per capita)	Bloomberg (per 100, state trend chart)
Doses administered, first dose (number)	CDC (see "People receiving 1 or more doses") *Washington Post* (see "People who have received the first dose")
Doses administered, first dose (per capita)	CDC (per 100,000)
Doses administered, first dose (percentage of population)	Covid Act Now (see "Vaccinated (1st Shot)"; available for states and selected counties and metro areas) *New York Times* (see "Pct. of people given at least one shot") *Washington Post* (see "Percent of pop. that has received the first dose")
Doses administered, second dose (number)	CDC Johns Hopkins University (see "People Fully Vaccinated")
Doses administered, second dose (per capita)	CDC (per 100,000)
Doses administered, second dose (percentage)	Johns Hopkins University (see "% Fully Vaccinated") *New York Times* (see "Pct. of people given two shots") *Washington Post* (see "Percent of pop. that has completed vaccination")
Doses administered per day (number)	Bloomberg (daily count and 7-day rolling average) CDC (national daily count and 7-day rolling average) *New York Times* (see "New reported Doses Administered by Day," national) *Washington Post* (see "Reported doses administered by day," national)
Doses administered, by vaccine type: Pfizer-BioNTech, Moderna, or "not identified" (number)	CDC (national)
Doses administered in long-term care facilities under Federal Pharmacy Partnership for LTC Program	CDC (number of doses; number of people who received 1 or 2 doses)
Doses administered, distribution of population vaccinated by race and ethnicity	Kaiser Family Foundation (select "Vaccinations"; not all states report these data) CDC (report on vaccinations Dec. 14, 2020 - Jan. 14, 2021)

Source: Congressional Research Service analysis of data sources as of February 2, 2021.

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

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