



# International COVID-19 Data and Vaccine Distribution: Selected Resources

Updated December 2, 2021

The ongoing Coronavirus Disease 2019 (COVID-19) pandemic has caused millions of cases and deaths, according to the World Health Organization (WHO). The resources below provide information on tracking the international spread of the virus and global efforts to control it through vaccine distribution, diagnostic supplies, and therapeutics.

These resources are not a comprehensive list of global COVID-19 data sources. They are a starting point that may help congressional staff find resources for frequently requested data. Some links may work best with the internet browsers Chrome and Firefox.

Readers may consider using caution when comparing data across sources, time frames, and geographies, as each resource may have differing methodologies and definitions that may change over time. For assistance in interpreting or analyzing these data, congressional staff may reach out to the Congressional Research Service (CRS) (202-707-5700, or place a research request at the CRS website).

For more information concerning global COVID-19 vaccine distribution, please see CRS In Focus IF11796, *Global COVID-19 Vaccine Distribution*, coordinated by Sara M. Tharakan; for an overview of data resources concerning COVID-19 cases, hospitalizations, and deaths in the United States, please see CRS Report R46642, *COVID-19 Cases, Hospitalizations, and Deaths: Selected Resources for National, State, and Local Data*, by Angela Napili and Ada S. Cornell.

## International COVID-19 Access to COVID-19 Tools Accelerator

In April 2020, the WHO and partners launched the [Access to COVID-19 Tools Accelerator \(ACT-A\)](#) to accelerate the development, production, and distribution of COVID-19 diagnostics, therapeutics, and vaccines. Other collaborating institutions include [Gavi](#) (the Vaccine Alliance), the [Coalition for Epidemic Preparedness and Innovation](#) (CEPI), the [Global Fund](#) to Fight HIV, Tuberculosis and Malaria, the [World Bank](#), the [Bill & Melinda Gates Foundation](#), [FINN](#) (the Global Alliance for Diagnostics), [Unitaid](#), and [Wellcome](#). The [ACT-A website](#) provides more information, including

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IN11732

- [Country Readiness and Delivery for Vaccines](#) and
- [Country Readiness and Delivery Frequently Asked Questions](#).

COVAX is the vaccines pillar of the ACT-Accelerator. It aims to accelerate the development and manufacture of COVID-19 vaccines and guarantee fair and equitable access for every country in the world. COVAX is co-led by [CEPI](#), [Gavi](#), and [WHO](#), alongside its key delivery partner, the [United Nations Children’s Fund](#) (UNICEF). In the Americas, the [Pan American Health Organization \(PAHO\) Revolving Fund](#) is the recognized procurement agent for COVAX. The WHO-hosted [COVAX website](#) provides more information on COVAX, including

- [COVID-19 Vaccine Introduction Toolkit](#) and
- [Guidance on developing a national deployment and vaccination plan \(NDVP\)](#). This second edition of the guidance, updated June 2021, provides new information on several topics, including
  - the availability and use of the WHO-UNICEF COVID-19 Vaccine Introduction and deployment Costing (CVIC) tool;
  - the COVAX Facility’s humanitarian buffer that enables allocation of vaccine to cover high-risk populations in humanitarian settings;
  - the use of geospatial data and digital micro plans for equitable access and delivery of COVID-19 vaccines.

## International COVID-19 Tracking

The following U.S. and international organizations provide tools for tracking COVID-19 in countries and regions worldwide, including COVID-19 case and death numbers, vaccination rates, and measures of the socioeconomic and secondary impacts of COVID-19.

### Centers for Disease Control and Prevention

The United States’ lead public health agency collects and tracks the following international data by country using its [COVID Data Tracker](#):

- [COVID-19 cases and deaths, counts, and rates](#);
- [Percentage change in COVID-19 cases and deaths reported in the past 7, 14, or 30 days](#);
- [Epidemic curve trajectory classification](#); and
- [Vaccine doses administered and people vaccinated, counts and rates](#).

### Humanitarian Data Exchange

Run by the United Nations [Office for the Coordination of Humanitarian Affairs](#) (OCHA), the Humanitarian Data Exchange’s (HDX’s) [COVID-19 Data Explorer: Global Humanitarian Operations](#) offers daily and monthly “snapshots” of global humanitarian operations relating to COVID-19, socioeconomic risks, and vaccine distribution. It also provides an interactive tool for exploring international COVID-19 data in combination with other relevant humanitarian data such as

- [COVID-19 Vaccine Roll-Out](#),
  - [People in need](#),
  - [School closures](#), and
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- [Vaccine Financing](#).

## The World Bank

The World Bank's [Understanding the Coronavirus \(COVID-19\) Pandemic through Data](#) website offers a series of interactive datasets on the effects of COVID-19 worldwide, including, but not limited to,

- [COVID-19 vs. other causes of death](#) (see right-most tab on the chart, "Understanding the COVID-19 Pandemic through Data");
- [Impacts of coronavirus on foreign remittances](#); and
- [Financial-sector support measures in response to the coronavirus](#).

## World Health Organization

The [WHO's Coronavirus \(COVID-19\) Dashboard](#) includes data on confirmed COVID-19 cases and deaths by country and region, vaccines in use by country, and persons partly or fully vaccinated by country.

## International COVID-19 Vaccine Development and Distribution Tracking

The following websites provide tools focused on tracking the development, production, and distribution (i.e., shipments and deliveries) of COVID-19 vaccines in countries and regions worldwide.

### Gavi, the Vaccine Alliance

Gavi is part of COVAX, the vaccines pillar of the ACT-Accelerator. [Gavi's vaccine roll-out](#) page allows users to explore vaccination status by country, including the date of the first doses received in each country, the type(s) of all vaccines received, and the number of doses allocated. For more information on Gavi and U.S. immunization programs, please see CRS Report R46633, *COVID-19 Vaccines: Global Health Issues*, coordinated by Sara M. Tharakan.

### Department of State

The United States has committed to donating more than 1.1 billion doses of COVID-19 vaccines. The [State Department's website](#) tracks the status of the donation in total and by region and country.

### Kaiser Family Foundation

The Kaiser Family Foundation has created a [data visualizations website](#), using [Department of State data](#) on the United States' pledge to donate over 1.1 billion COVID-19 vaccine doses. Useful graphics include

- [Recipients of U.S. COVID-19 Vaccine Donation Deliveries by Total Doses Received](#),
  - [U.S. COVID-19 Vaccine Donation Deliveries by Income](#),
  - [U.S. COVID-19 Vaccine Donation Doses Delivered by Vaccine Product](#), and
  - [Top Recipients of U.S. COVID-19 Vaccine Donation Deliveries by Total Doses Received](#).
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## UNICEF

UNICEF's [Vaccine Market Dashboard](#) provides updated information on

- COVID-19 vaccine development and progress toward vaccine approvals,
- Reported global vaccine production capacity,
- Manufacturing agreements,
- Vaccines secured and optioned through bilateral and multilateral supply agreements, and
- Reported vaccine prices.

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