



International COVID-19 Data and Vaccine Distribution: Selected Resources

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The ongoing Coronavirus Disease 2019 (COVID-19) pandemic has spread to nearly every country worldwide, causing millions of cases and deaths as reported to the World Health Organization (WHO). The resources below provide information on tracking the international spread of the virus and global efforts to contain it through vaccine distribution, tests, and treatments.

These resources are not a comprehensive list of COVID-19 international data sources. Rather, 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 or 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 the current state of 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. Collaborating institutions include the [Bill & Melinda Gates Foundation](#), the [Coalition for Epidemic Preparedness Innovations \(CEPI\)](#), [FINN](#), [Gavi](#), the [Global Fund](#), [Unitaid](#), [Wellcome](#), [WHO](#), and the [World Bank](#). The [ACT-A website](#) provides more information on the ACT-A, including

- [Country Readiness and Delivery](#)

Congressional Research Service

<https://crsreports.congress.gov>

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- [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 Country Readiness and Delivery](#)
- [COVID-19 Vaccine Introduction Toolkit](#)

International COVID-19 Tracking

The following U.S. and international organizations provide overview tools for tracking COVID-19 in countries and regions worldwide, including COVID-19 case and death numbers, vaccination rates, and the impact COVID-19 has had on local populations and economies.

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](#)
- [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](#) provides an interactive tool for exploring international COVID-19 data in combination with other relevant humanitarian data such as

- [Severe acute malnutrition](#)
- [School closures](#)
- [People in need](#)

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 remittances](#)
 - [Financial-sector support measures in response to the coronavirus](#)
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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's vaccine roll-out](#) page allows users to explore vaccination status by country, including the date of the first doses received in each countries, the type(s) of all vaccines received, and the number of doses allocated. Gavi is a partnership between the WHO, UNICEF, the World Bank, and the Bill & Melinda Gates Foundation, among other organizations.

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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