

Package ‘COVID19’

November 4, 2022

Type Package

Title COVID-19 Data Hub

Version 3.0.0

Description Unified datasets for a better understanding of COVID-19.

License GPL-3

URL <https://covid19datahub.io>

BugReports <https://github.com/covid19datahub/COVID19/issues>

Encoding UTF-8

LazyData true

Depends R (>= 3.5.0), utils, dplyr (>= 1.0.0), tidyr (>= 1.0.0)

Imports remotes, curl, digest, readxl, readr, httr, xml2, jsonlite,
rvest, data.table, R.utils, MMWRweek

Roxygen list(markdown = TRUE)

RoxygenNote 7.2.1

Suggests knitr, rmarkdown

VignetteBuilder knitr

RemoteType github

RemoteHost api.github.com

RemoteRepo COVID19

RemoteUsername covid19datahub

RemoteRef HEAD

RemoteSha 1f507ed3208712e055ff903d51a3126773885aeb

GithubRepo COVID19

GithubUsername covid19datahub

GithubRef HEAD

GithubSHA1 1f507ed3208712e055ff903d51a3126773885aeb

NeedsCompilation no

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ABW

Aruba

Description

Aruba

Usage

ABW(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ABW.R

AFG

Afghanistan

Description

Afghanistan

Usage

AFG (level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- **Ministry of Public Health Afghanistan (2020):** population.
- **Afghanistan Ministry of Health:** confirmed cases, deaths, recovered, tests.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_AFG.R

AGO

Angola

Description

Angola

Usage

AGO (level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_AGO.R

AIA

Anguilla

Description

Anguilla

Usage

AIA (level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_AIA.R

ALB

Albania

Description

Albania

Usage

ALB (level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ALB.R

AND

Andorra

Description

Andorra

Usage

AND (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_AND.R

ARE

United Arab Emirates

Description

United Arab Emirates

Usage

ARE (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ARE.R

ARG

Argentina

Description

Argentina

Usage

ARG(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- **Statoids (2010)**: population.
- **Argentine Ministry of Health**: confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Level 3:

- **Statoids (2010), Wikipedia (2010)**: population.
- **Argentine Ministry of Health**: confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ARG.R

ARM

Armenia

Description

Armenia

Usage

ARM(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ARM.R

ASM

American Samoa

Description

American Samoa

Usage

ASM(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **The New York Times**: confirmed cases, deaths.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ASM.R

ATG

Antigua and Barbuda

Description

Antigua and Barbuda

Usage

ATG(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ATG.R

AUS	<i>Australia</i>
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Description

Australia

Usage

AUS (level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Matt Bolton**: confirmed cases, deaths, recovered, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care, patients requiring ventilation.

Level 2:

- **Australian Bureau of Statistics (2019)**: population.
- **Matt Bolton**: confirmed cases, deaths, recovered, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care, patients requiring ventilation.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_AUS.R

AUT

Austria

Description

Austria

Usage

AUT(level)

Data Sources

Level 1:

- **World Bank Open Data (2018):** population.
- **Federal Ministry of Social Affairs, Health, Care and Consumer Protection, Austria:** confirmed cases, deaths, recovered, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- **Federal Ministry of Social Affairs, Health, Care and Consumer Protection, Austria (2020):** population.
- **Federal Ministry of Social Affairs, Health, Care and Consumer Protection, Austria:** confirmed cases, deaths, recovered, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 3:

- **Federal Ministry of Social Affairs, Health, Care and Consumer Protection, Austria (2020):** population.
- **Federal Ministry of Social Affairs, Health, Care and Consumer Protection, Austria:** confirmed cases, deaths, recovered.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_AUT.R

AZE

Azerbaijan

Description

Azerbaijan

Usage

AZE(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_AZE.R

BDI

Burundi

Description

Burundi

Usage

BDI (level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BDI.R

BEL

Belgium

Description

Belgium

Usage

BEL (level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Sciensano, the Belgian Institute for Health:** confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care, patients requiring ventilation.
- **Johns Hopkins Center for Systems Science and Engineering:** recovered.

Level 2:

- **Statbel, Belgium in Figures (2019):** population.
- **Sciensano, the Belgian Institute for Health:** confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care, patients requiring ventilation.

Level 3:

- **Johns Hopkins Center for Systems Science and Engineering (2021):** population.
- **Sciensano, the Belgian Institute for Health:** confirmed cases, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care, patients requiring ventilation.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BEL.R

BEN	<i>Benin</i>
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Description

Benin

Usage

BEN(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BEN.R

BES

Bonaire, Sint Eustatius and Saba

Description

Bonaire, Sint Eustatius and Saba

Usage

BES (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BES.R

BFA

Burkina Faso

Description

Burkina Faso

Usage

BFA (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BFA.R

BGD

Bangladesh

Description

Bangladesh

Usage

BGD(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BGD.R

BGR

Bulgaria

Description

Bulgaria

Usage

BGR(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BGR.R

BHR

Bahrain

Description

Bahrain

Usage

BHR (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BHR.R

BHS

Bahamas

Description

Bahamas

Usage

BHS (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BHS.R

BIH

Bosnia and Herzegovina

Description

Bosnia and Herzegovina

Usage

BIH(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BIH.R

BLR

Belarus

Description

Belarus

Usage

BLR(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BLR.R

BLZ

Belize

Description

Belize

Usage

BLZ (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BLZ.R

BMU

Bermuda

Description

Bermuda

Usage

BMU (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BMU.R

BOL

*Bolivia***Description**

Bolivia

Usage

BOL(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BOL.R

BRA

*Brazil***Description**

Brazil

Usage

BRA(level, ...)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Wesley Cota**: confirmed cases, deaths, recovered, tests, total vaccine doses administered.

Level 2:

- **Instituto Brasileiro de Geografia e Estatística - IBGE (2020)**: population.
- **Wesley Cota**: confirmed cases, deaths, recovered, tests, total vaccine doses administered.

Level 3:

- **Wesley Cota (2020)**: population.
- **Wesley Cota**: confirmed cases, deaths.
- **Wesley Cota**: total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BRA.R

BRB

*Barbados***Description**

Barbados

Usage

BRB(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BRB.R

BRN

*Brunei***Description**

Brunei

Usage

BRN(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BRN.R

BTN

Bhutan

Description

Bhutan

Usage

BTN(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BTN.R

BWA

Botswana

Description

Botswana

Usage

BWA(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_BWA.R

CAC

Cruise Ship Costa Atlantica

Description

Cruise Ship Costa Atlantica

Usage

CAC (level)

Data Sources

Level 1:

- **Su Wei**: confirmed cases, deaths, recovered, tests, hospitalizations.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_CAC.R

CAF

Central African Republic

Description

Central African Republic

Usage

CAF (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_CAF.R

CAN

Canada

Description

Canada

Usage

CAN(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Public Health Agency of Canada**: confirmed cases, deaths, tests.
- **Our World in Data**: total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- **Canada's National Statistical Agency (2020)**: population.
- **Public Health Agency of Canada**: confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_CAN.R

CHE

Switzerland

Description

Switzerland

Usage

CHE(level)

Data Sources

Level 1:

- **Swiss Federal Statistical Office (2018)**: population.
- **Federal Office of Public Health**: confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.
- **Johns Hopkins Center for Systems Science and Engineering**: recovered.

Level 2:

- **Swiss Federal Statistical Office (2018)**: population.
- **Federal Office of Public Health**: confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.
- **Specialist Unit for Open Government Data Canton of Zurich**: recovered, patients requiring ventilation.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_CHE.R

CHL	<i>Chile</i>
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Description

Chile

Usage

CHL(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Ministerio de Ciencia, Tecnología, Conocimiento, e Innovación**: confirmed cases, deaths, recovered, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care, patients requiring ventilation.

Level 2:

- **Ministerio de Ciencia, Tecnología, Conocimiento e Innovación (2020)**: population.
- **Ministerio de Ciencia, Tecnología, Conocimiento, e Innovación**: confirmed cases, deaths, recovered, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, intensive care.

Level 3:

- **Ministerio de Ciencia, Tecnología, Conocimiento e Innovación (2020)**: population.
- **Ministerio de Ciencia, Tecnología, Conocimiento, e Innovación**: confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_CHL.R

CHN

China

Description

China

Usage

CHN(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **World Health Organization**: confirmed cases, deaths.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_CHN.R

CIV

Cote d'Ivoire

Description

Cote d'Ivoire

Usage

CIV(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_CIV.R

CMR

Cameroon

Description

Cameroon

Usage

CMR(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_CMR.R

COD

Congo (Kinshasa)

Description

Congo (Kinshasa)

Usage

COD(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_COD.R

COG

Congo (Brazzaville)

Description

Congo (Brazzaville)

Usage

COG(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_COG.R

COK

Cook Islands

Description

Cook Islands

Usage

COK(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_COK.R

COL

Colombia

Description

Colombia

Usage

COL(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Instituto Nacional de Salud:** confirmed cases, deaths, recovered, tests.
- **Our World in Data:** total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- **Wikipedia (2018):** population.
- **Instituto Nacional de Salud:** confirmed cases, deaths, recovered, tests.

Level 3:

- **Johns Hopkins Center for Systems Science and Engineering:** population.
- **Instituto Nacional de Salud:** confirmed cases, deaths, recovered, people with at least one vaccine dose, people fully vaccinated.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_COL.R

COM

Comoros

Description

Comoros

Usage

COM(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_COM.R

CPV

Cabo Verde

Description

Cabo Verde

Usage

CPV(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_CPV.R

CRI

Costa Rica

Description

Costa Rica

Usage

CRI(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_CRI.R

CUB

Cuba

Description

Cuba

Usage

CUB(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_CUB.R

CUW

Curaçao

Description

Curaçao

Usage

CUW(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_CUW.R

CYM

Cayman Islands

Description

Cayman Islands

Usage

CYM(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_CYM.R

CYP

Cyprus

Description

Cyprus

Usage

CYP(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_CYP.R

CZE

Czech Republic

Description

Czech Republic

Usage

CZE(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Ministry of Health of the Czech Republic**: confirmed cases, deaths, recovered, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care, patients requiring ventilation.

Level 2:

- **Czech Statistical Office (2018)**: population.
- **Ministry of Health of the Czech Republic**: confirmed cases, deaths, recovered, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Level 3:

- **Statoids (2011)**: population.
- **Ministry of Health of the Czech Republic**: confirmed cases, deaths, recovered, tests.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_CZE.R

DEU

Germany

Description

Germany

Usage

DEU(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Robert Koch Institute**: confirmed cases, deaths, recovered.
- **Robert Koch Institute and the Federal Ministry of Health**: total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.
- **Our World in Data**: tests, hospitalizations, intensive care.

Level 2:

- **Statoids (2021)**: population.
- **Robert Koch Institute**: confirmed cases, deaths, recovered.
- **Robert Koch Institut**: total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Level 3:

- **Johns Hopkins Center for Systems Science and Engineering (2021)**: population.
- **Robert Koch Institute**: confirmed cases, deaths, recovered.
- **Robert Koch Institut**: total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_DEU.R

DJI	<i>Djibouti</i>
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Description

Djibouti

Usage

DJI (level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_DJI.R

DMA

Dominica

Description

Dominica

Usage

DMA(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_DMA.R

DNK

Denmark

Description

Denmark

Usage

DNK(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- [Statoids \(2005\)](#): population.
- [Statens Serum Institut](#): confirmed cases, deaths, tests, people with at least one vaccine dose, people fully vaccinated, hospitalizations.

Level 3:

- [Statoids \(2005\)](#): population.
- [Statens Serum Institut](#): confirmed cases, tests, people with at least one vaccine dose, people fully vaccinated.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_DNK.R

DOM

Dominican Republic

Description

Dominican Republic

Usage

DOM(level)

Data Sources**Level 1:**

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_DOM.R

DPC

Cruise Ship Diamond Princess

Description

Cruise Ship Diamond Princess

Usage

DPC(level)

Data Sources**Level 1:**

- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Wikipedia](#): confirmed cases, tests.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_DPC.R

DZA

Algeria

Description

Algeria

Usage

DZA(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_DZA.R

ECU

Ecuador

Description

Ecuador

Usage

ECU(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ECU.R

EGY

Egypt

Description

Egypt

Usage

EGY(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_EGY.R

ERI

Eritrea

Description

Eritrea

Usage

ERI(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ERI.R

 ESP

Spain

Description

Spain

Usage

ESP (level)

Data Sources**Level 1:**

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- [Johns Hopkins Center for Systems Science and Engineering \(2021\)](#): population.
- [Centro Nacional de Epidemiología](#): confirmed cases.

Level 3:

- [Statoids \(2011\)](#): population.
- [Centro Nacional de Epidemiología](#): confirmed cases, deaths, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ESP.R

EST

Estonia

Description

Estonia

Usage

EST (level)

Data Sources**Level 1:**

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_EST.R

ETH

*Ethiopia***Description**

Ethiopia

Usage

ETH(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ETH.R

FIN

*Finland***Description**

Finland

Usage

FIN(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_FIN.R

FJI

Fiji

Description

Fiji

Usage

FJI(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_FJI.R

FLK

Falkland Islands

Description

Falkland Islands

Usage

FLK(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_FLK.R

FRA

France

Description

France

Usage

FRA(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Santé Publique France](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.

Level 2:

- [Santé publique France \(2020\)](#): population.
- [Santé Publique France](#): confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 3:

- [Santé publique France \(2020\)](#): population.
- [Santé Publique France](#): confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_FRA.R

FRO

Faroe Islands

Description

Faroe Islands

Usage

FRO(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_FRO.R

FSM

Micronesia

Description

Micronesia

Usage

FSM(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_FSM.R

GAB

Gabon

Description

Gabon

Usage

GAB(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GAB.R

GBR	<i>United Kingdom</i>
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Description

United Kingdom

Usage

GBR(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **UK Health Security Agency**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, patients requiring ventilation.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.

Level 2:

- **Office for National Statistics (2021)**: population.
- **UK Health Security Agency**: confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, patients requiring ventilation.

Level 3:

- **Office for National Statistics (2021)**: population.
- **UK Health Security Agency**: confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, patients requiring ventilation.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GBR.R

GEO

Georgia

Description

Georgia

Usage

GEO(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GEO.R

GGY

Guernsey

Description

Guernsey

Usage

GGY(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GGY.R

GHA

Ghana

Description

Ghana

Usage

GHA (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GHA.R

GIB

Gibraltar

Description

Gibraltar

Usage

GIB (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GIB.R

GIN

Guinea

Description

Guinea

Usage

GIN(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GIN.R

GLP

Guadeloupe

Description

Guadeloupe

Usage

GLP(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Santé Publique France**: confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GLP.R

GMB

Gambia

Description

Gambia

Usage

GMB (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GMB.R

GNB

Guinea-Bissau

Description

Guinea-Bissau

Usage

GNB (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GNB.R

GNQ

Equatorial Guinea

Description

Equatorial Guinea

Usage

GNQ (level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GNQ.R

GPC

Cruise Ship Grand Princess

Description

Cruise Ship Grand Princess

Usage

GPC (level)

Data Sources**Level 1:**

- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GPC.R

GRC

Greece

Description

Greece

Usage

GRC (level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GRC.R

GRD

Grenada

Description

Grenada

Usage

GRD (level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GRD.R

GRL

Greenland

Description

Greenland

Usage

GRL(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GRL.R

GTM

Guatemala

Description

Guatemala

Usage

GTM(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GTM.R

GUF

French Guiana

Description

French Guiana

Usage

GUF(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Santé Publique France**: confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GUF.R

GUM

Guam

Description

Guam

Usage

GUM(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **The New York Times**: confirmed cases, deaths.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GUM.R

GUY

Guyana

Description

Guyana

Usage

GUY(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_GUY.R

HKG

Hong Kong

Description

Hong Kong

Usage

HKG(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_HKG.R

HND

Honduras

Description

Honduras

Usage

HND (level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_HND.R

HRV

Croatia

Description

Croatia

Usage

HRV (level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Croatian Institute of Public Health**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- **Croatian Bureau of Statistics**: population.
- **Croatian Institute of Public Health**: confirmed cases, deaths, recovered.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_HRV.R

HTI

Haiti

Description

Haiti

Usage

HTI (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- [Wikipedia \(2015\)](#): population.
- [Ministry of Public Health and Population of Haiti](#): confirmed cases, deaths.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_HTI.R

HUN

Hungary

Description

Hungary

Usage

HUN (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_HUN.R

IDN

Indonesia

Description

Indonesia

Usage

IDN(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_IDN.R

IMN

Isle of Man

Description

Isle of Man

Usage

IMN(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_IMN.R

IND

India

Description

India

Usage

IND (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- **Wikipedia (2013)**: population.
- **COVID-19 India API**: confirmed cases, deaths, recovered, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_IND.R

IRL

Ireland

Description

Ireland

Usage

IRL (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Health Protection Surveillance Centre (HPSC) and Health Service Executive (HSE)**: confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.
- **Johns Hopkins Center for Systems Science and Engineering**: recovered.

Level 2:

- **Ireland Health Protection Surveillance Centre (HPSC) and Health Service Executive (HSE) (2020):** population.
- **Health Protection Surveillance Centre (HPSC) and Health Service Executive (HSE):** confirmed cases, deaths, recovered.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_IRL.R

IRN	<i>Iran</i>
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Description

Iran

Usage

IRN(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_IRN.R

IRQ	<i>Iraq</i>
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Description

Iraq

Usage

IRQ(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_IRQ.R

ISL

Iceland

Description

Iceland

Usage

ISL(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ISL.R

ISR

Israel

Description

Israel

Usage

ISR(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ISR.R

ITA	<i>Italy</i>
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Description

Italy

Usage

ITA(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Ministero della Salute**: confirmed cases, deaths, recovered, tests, hospitalizations, intensive care.
- **Commissario straordinario per l'emergenza Covid-19, Presidenza del Consiglio dei Ministri**: total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Level 2:

- **Istituto Nazionale di Statistica, Italia (2018)**: population.
- **Ministero della Salute**: confirmed cases, deaths, recovered, tests, hospitalizations, intensive care.
- **Commissario straordinario per l'emergenza Covid-19, Presidenza del Consiglio dei Ministri**: total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Level 3:

- **Istituto Nazionale di Statistica, Italia (2018)**: population.
- **Ministero della Salute**: confirmed cases.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ITA.R

JAM

Jamaica

Description

Jamaica

Usage

JAM(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_JAM.R

JEY

Jersey

Description

Jersey

Usage

JEY(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_JEY.R

JOR

Jordan

Description

Jordan

Usage

JOR(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_JOR.R

JPN

Japan

Description

Japan

Usage

JPN(level)

Data Sources

Level 1:

- [Japan COVID-19 Bulletin Board \(2020\)](#): population.
- [Toyo Keizai](#): confirmed cases, deaths, recovered, tests, hospitalizations, intensive care.
- [Our World in Data](#): total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Level 2:

- [Japan COVID-19 Bulletin Board \(2020\)](#): population.
- [Toyo Keizai](#): confirmed cases, deaths, recovered, tests, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_JPN.R

KAZ

Kazakhstan

Description

Kazakhstan

Usage

KAZ (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_KAZ.R

KEN

Kenya

Description

Kenya

Usage

KEN (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_KEN.R

KGZ

Kyrgyzstan

Description

Kyrgyzstan

Usage

KGZ(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_KGZ.R

KHM

Cambodia

Description

Cambodia

Usage

KHM(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_KHM.R

KIR

Kiribati

Description

Kiribati

Usage

KIR(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_KIR.R

KNA

Saint Kitts and Nevis

Description

Saint Kitts and Nevis

Usage

KNA(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_KNA.R

KOR

Korea, South

Description

Korea, South

Usage

KOR(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_KOR.R

KWT

Kuwait

Description

Kuwait

Usage

KWT(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_KWT.R

LAO

Laos

Description

Laos

Usage

LAO (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_LAO.R

LBN

Lebanon

Description

Lebanon

Usage

LBN (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_LBN.R

LBR

Liberia

Description

Liberia

Usage

LBR(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_LBR.R

LBY

Libya

Description

Libya

Usage

LBY(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_LBY.R

LCA

Saint Lucia

Description

Saint Lucia

Usage

LCA(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_LCA.R

LIE

Liechtenstein

Description

Liechtenstein

Usage

LIE(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Federal Office of Public Health**: confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.
- **Specialist Unit for Open Government Data Canton of Zurich**: recovered, patients requiring ventilation.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_LIE.R

LKA

Sri Lanka

Description

Sri Lanka

Usage

LKA (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_LKA.R

LSO

Lesotho

Description

Lesotho

Usage

LSO (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_LSO.R

LTU

Lithuania

Description

Lithuania

Usage

LTU(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Vaidotas Zemlys-Balevicius**: confirmed cases, deaths, recovered, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care, patients requiring ventilation.

Level 2:

- **Vaidotas Zemlys-Balevicius (2020)**: population.
- **Vaidotas Zemlys-Balevicius**: confirmed cases, deaths, recovered, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Level 3:

- **Vaidotas Zemlys-Balevicius (2020)**: population.
- **Vaidotas Zemlys-Balevicius**: confirmed cases, deaths, recovered, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_LTU.R

LUX

Luxembourg

Description

Luxembourg

Usage

LUX(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_LUX.R

LVA	<i>Latvia</i>
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Description

Latvia

Usage

LVA(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Center for Disease Prevention and Control:** confirmed cases, deaths, tests.
- **Johns Hopkins Center for Systems Science and Engineering:** recovered.
- **Our World in Data:** total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 3:

- **Oficialas statistikas portals (2019):** population.
- **Center for Disease Prevention and Control:** confirmed cases.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_LVA.R

MAC

Macao

Description

Macao

Usage

MAC(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MAC.R

MAR

Morocco

Description

Morocco

Usage

MAR(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MAR.R

MCO

Monaco

Description

Monaco

Usage

MCO(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MCO.R

MDA

Moldova

Description

Moldova

Usage

MDA(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MDA.R

MDG

Madagascar

Description

Madagascar

Usage

MDG(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MDG.R

MDV

Maldives

Description

Maldives

Usage

MDV(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MDV.R

MEX

Mexico

Description

Mexico

Usage

MEX (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- [Statoids \(2010\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MEX.R

MHL

Marshall Islands

Description

Marshall Islands

Usage

MHL (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MHL.R

MKD

North Macedonia

Description

North Macedonia

Usage

MKD (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MKD.R

MLI

Mali

Description

Mali

Usage

MLI (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MLI.R

MLT

Malta

Description

Malta

Usage

MLT (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MLT.R

MMR

Burma

Description

Burma

Usage

MMR (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MMR.R

MNE

Montenegro

Description

Montenegro

Usage

MNE (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MNE.R

MNG

Mongolia

Description

Mongolia

Usage

MNG (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MNG.R

MNP

Northern Mariana Islands

Description

Northern Mariana Islands

Usage

MNP (level)

Data Sources**Level 1:**

- [World Bank Open Data \(2018\)](#): population.
- [The New York Times](#): confirmed cases, deaths.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MNP.R

MOZ

Mozambique

Description

Mozambique

Usage

MOZ (level)

Data Sources**Level 1:**

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MOZ.R

MRT

Mauritania

Description

Mauritania

Usage

MRT (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MRT.R

MSR

Montserrat

Description

Montserrat

Usage

MSR (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MSR.R

MTQ

Martinique

Description

Martinique

Usage

MTQ (level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Santé Publique France**: confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MTQ.R

MUS

Mauritius

Description

Mauritius

Usage

MUS (level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MUS.R

MWI

Malawi

Description

Malawi

Usage

MWI (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MWI.R

MYS

Malaysia

Description

Malaysia

Usage

MYS (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MYS.R

MYT

Mayotte

Description

Mayotte

Usage

MYT (level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Santé Publique France**: confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_MYT.R

NAM

Namibia

Description

Namibia

Usage

NAM (level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_NAM.R

NCL

New Caledonia

Description

New Caledonia

Usage

NCL(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_NCL.R

NER

Niger

Description

Niger

Usage

NER(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_NER.R

NGA

Nigeria

Description

Nigeria

Usage

NGA(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_NGA.R

NIC

Nicaragua

Description

Nicaragua

Usage

NIC(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_NIC.R

 NIU

Niue

Description

Niue

Usage

NIU(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_NIU.R

NLD

Netherlands

Description

Netherlands

Usage

NLD(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **National Institute for Public Health and the Environment:** confirmed cases, deaths.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- **Statistics Netherlands (2020):** population.
- **National Institute for Public Health and the Environment:** confirmed cases, deaths.

Level 3:

- **Statistics Netherlands (2020):** population.
- **National Institute for Public Health and the Environment:** confirmed cases, deaths.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_NLD.R

NOR

Norway

Description

Norway

Usage

NOR(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_NOR.R

NPL

Nepal

Description

Nepal

Usage

NPL(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_NPL.R

NRU

Nauru

Description

Nauru

Usage

NRU(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_NRU.R

NZL

New Zealand

Description

New Zealand

Usage

NZL(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_NZL.R

OMN

Oman

Description

Oman

Usage

OMN(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_OMN.R

PAK

Pakistan

Description

Pakistan

Usage

PAK(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- **Johns Hopkins Center for Systems Science and Engineering**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_PAK.R

PAN

Panama

Description

Panama

Usage

PAN(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_PAN.R

PCN

Pitcairn

Description

Pitcairn

Usage

PCN(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_PCN.R

 PER

Peru

Description

Peru

Usage

PER(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Jesus M. Castagnetto**: confirmed cases, deaths, recovered, tests, hospitalizations, intensive care, patients requiring ventilation.
- **Ministerio de Salud**: total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Level 2:

- **COVID-19 Peru Data Repository (2019)**: population.
- **Jesus M. Castagnetto**: confirmed cases, deaths, recovered, tests.
- **Ministerio de Salud**: total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_PER.R

PHL

Philippines

Description

Philippines

Usage

PHL(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_PHL.R

PLW

Palau

Description

Palau

Usage

PLW(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_PLW.R

PNG

Papua New Guinea

Description

Papua New Guinea

Usage

PNG(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_PNG.R

POL

Poland

Description

Poland

Usage

POL(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_POL.R

PRI

Puerto Rico

Description

Puerto Rico

Usage

PRI(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [The New York Times](#): confirmed cases, deaths.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_PRI.R

 PRT

Portugal

Description

Portugal

Usage

PRT(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Data Science for Social Good Portugal**: hospitalizations, intensive care.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Level 2:

- **AICEP Portugal Global (2014)**: population.
- **Data Science for Social Good Portugal**: confirmed cases, deaths.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_PRT.R

PRY

Paraguay

Description

Paraguay

Usage

PRY(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_PRY.R

PSE

West Bank and Gaza

Description

West Bank and Gaza

Usage

PSE(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_PSE.R

PYF

French Polynesia

Description

French Polynesia

Usage

PYF(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_PYF.R

QAT

Qatar

Description

Qatar

Usage

QAT (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_QAT.R

REU

Réunion

Description

Réunion

Usage

REU (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Santé Publique France**: confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_REU.R

RKS

Kosovo

Description

Kosovo

Usage

RKS(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_RKS.R

ROU

Romania

Description

Romania

Usage

ROU(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ROU.R

RUS

Russia

Description

Russia

Usage

RUS (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- [Wikipedia \(2010\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_RUS.R

RWA

Rwanda

Description

Rwanda

Usage

RWA (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_RWA.R

SAU

Saudi Arabia

Description

Saudi Arabia

Usage

SAU (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SAU.R

SDN

Sudan

Description

Sudan

Usage

SDN (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SDN.R

SEN

Senegal

Description

Senegal

Usage

SEN(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SEN.R

SGP

Singapore

Description

Singapore

Usage

SGP(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SGP.R

SHN

Saint Helena, Ascension and Tristan da Cunha

Description

Saint Helena, Ascension and Tristan da Cunha

Usage

SHN(level)

Data Sources

Level 1:

- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SHN.R

SLB

Solomon Islands

Description

Solomon Islands

Usage

SLB(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SLB.R

SLE

Sierra Leone

Description

Sierra Leone

Usage

SLE (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SLE.R

SLV

El Salvador

Description

El Salvador

Usage

SLV (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SLV.R

SMR

San Marino

Description

San Marino

Usage

SMR(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SMR.R

SOM

Somalia

Description

Somalia

Usage

SOM(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SOM.R

SRB

Serbia

Description

Serbia

Usage

SRB (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SRB.R

SSD

South Sudan

Description

South Sudan

Usage

SSD (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SSD.R

STP

Sao Tome and Principe

Description

Sao Tome and Principe

Usage

STP(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_STP.R

SUR

Suriname

Description

Suriname

Usage

SUR(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SUR.R

SVK

Slovakia

Description

Slovakia

Usage

SVK(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SVK.R

SVN

Slovenia

Description

Slovenia

Usage

SVN(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Ministry of Health and National Institute for Public health**: confirmed cases, deaths, tests, hospitalizations, intensive care.
- **Johns Hopkins Center for Systems Science and Engineering**: recovered.
- **Our World in Data**: total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SVN.R

SWE

Sweden

Description

Sweden

Usage

SWE (level)

Data Sources**Level 1:**

- [World Bank Open Data \(2018\)](#): population.
- [Public Health Agency of Sweden](#): confirmed cases, deaths.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- [Statoids \(2006\)](#): population.
- [Public Health Agency of Sweden](#): confirmed cases.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SWE.R

SWZ

Eswatini

Description

Eswatini

Usage

SWZ (level)

Data Sources**Level 1:**

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SWZ.R

SXM

Sint Maarten

Description

Sint Maarten

Usage

SXM(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SXM.R

SYC

Seychelles

Description

Seychelles

Usage

SYC(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SYC.R

SYR

Syria

Description

Syria

Usage

SYR(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_SYR.R

TCA

Turks and Caicos Islands

Description

Turks and Caicos Islands

Usage

TCA(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_TCA.R

TCD

Chad

Description

Chad

Usage

TCD(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_TCD.R

TGO

Togo

Description

Togo

Usage

TGO(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_TGO.R

THA

Thailand

Description

Thailand

Usage

THA(level)

Data Sources**Level 1:**

- [World Bank Open Data \(2018\)](#): population.
- [Department of Disease Control, Thailand Ministry of Public Health](#): confirmed cases, deaths.
- [Johns Hopkins Center for Systems Science and Engineering](#): recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- [Statoids \(2010\)](#): population.
- [Department of Disease Control, Thailand Ministry of Public Health](#): confirmed cases, deaths.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_THA.R

TJK

Tajikistan

Description

Tajikistan

Usage

TJK(level)

Data Sources**Level 1:**

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_TJK.R

TKL

Tokelau

Description

Tokelau

Usage

TKL(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_TKL.R

TKM

Turkmenistan

Description

Turkmenistan

Usage

TKM(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_TKM.R

TLS

Timor-Leste

Description

Timor-Leste

Usage

TLS(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_TLS.R

TON

Tonga

Description

Tonga

Usage

TON(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_TON.R

TTO

Trinidad and Tobago

Description

Trinidad and Tobago

Usage

TTO(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_TTO.R

TUN

Tunisia

Description

Tunisia

Usage

TUN(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_TUN.R

TUR	<i>Turkey</i>
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Description

Turkey

Usage

TUR(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Ozan Erturk**: intensive care, patients requiring ventilation.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations.

Sourcehttps://github.com/covid19datahub/COVID19/blob/master/R/iso_TUR.R

TUV	<i>Tuvalu</i>
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Description

Tuvalu

Usage

TUV(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Sourcehttps://github.com/covid19datahub/COVID19/blob/master/R/iso_TUV.R

 TWN

Taiwan

Description

Taiwan

Usage

TWN(level)

Data Sources**Level 1:**

- [CIA - Central Intelligence Agency \(2020\)](#): population.
- [Ministry of Health and Welfare of Taiwan](#): confirmed cases, tests.
- [Johns Hopkins Center for Systems Science and Engineering](#): deaths, recovered.
- [Our World in Data](#): total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- [City populations worldwide \(2016\)](#): population.
- [Ministry of Health and Welfare of Taiwan](#): confirmed cases.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_TWN.R

TZA

Tanzania

Description

Tanzania

Usage

TZA(level)

Data Sources**Level 1:**

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_TZA.R

UGA

Uganda

Description

Uganda

Usage

UGA(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_UGA.R

UKR

Ukraine

Description

Ukraine

Usage

UKR(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- **Statoids (2001):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_UKR.R

URY

Uruguay

Description

Uruguay

Usage

URY(level)

Data Sources**Level 1:**

- **World Bank Open Data (2018):** population.
- **Johns Hopkins Center for Systems Science and Engineering:** confirmed cases, deaths, recovered.
- **Our World in Data:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_URY.R

USA

United States

Description

United States

Usage

USA(level)

Data Sources**Level 1:**

- **Johns Hopkins Center for Systems Science and Engineering (2020):** population.
- **The New York Times:** confirmed cases, deaths.
- **Johns Hopkins Center for Systems Science and Engineering:** recovered.
- **Our World in Data:** tests, hospitalizations, intensive care.
- **Centers for Disease Control and Prevention:** total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Level 2:

- [Johns Hopkins Center for Systems Science and Engineering \(2020\)](#): population.
- [The New York Times](#): confirmed cases, deaths.
- [U.S. Department of Health & Human Services](#): tests, hospitalizations, intensive care.
- [The COVID Tracking Project](#): recovered, patients requiring ventilation.
- [Centers for Disease Control and Prevention](#): total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

Level 3:

- [Johns Hopkins Center for Systems Science and Engineering \(2020\)](#): population.
- [The New York Times](#): confirmed cases, deaths.
- [Centers for Disease Control and Prevention](#): people with at least one vaccine dose, people fully vaccinated.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_USA.R

UZB

Uzbekistan

Description

Uzbekistan

Usage

UZB(level)

Data Sources**Level 1:**

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_UZB.R

 VAT

Holy See

Description

Holy See

Usage

VAT(level)

Data Sources**Level 1:**

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_VAT.R

VCT

Saint Vincent and the Grenadines

Description

Saint Vincent and the Grenadines

Usage

VCT(level)

Data Sources**Level 1:**

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_VCT.R

VEN

Venezuela

Description

Venezuela

Usage

VEN(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_VEN.R

VGB

British Virgin Islands

Description

British Virgin Islands

Usage

VGB(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_VGB.R

VIR

Virgin Islands, U.S.

Description

Virgin Islands, U.S.

Usage

VIR(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [The New York Times](#): confirmed cases, deaths.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_VIR.R

VNM

Vietnam

Description

Vietnam

Usage

VNM(level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_VNM.R

VUT

Vanuatu

Description

Vanuatu

Usage

VUT (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_VUT.R

WLF

Wallis and Futuna

Description

Wallis and Futuna

Usage

WLF (level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_WLF.R

WSM

Samoa

Description

Samoa

Usage

WSM(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_WSM.R

YEM

Yemen

Description

Yemen

Usage

YEM(level)

Data Sources

Level 1:

- **World Bank Open Data (2018)**: population.
- **Johns Hopkins Center for Systems Science and Engineering**: confirmed cases, deaths, recovered.
- **Our World in Data**: tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_YEM.R

ZAF

South Africa

Description

South Africa

Usage

ZAF (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Data Science for Social Impact research group, University of Pretoria](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- [Wikipedia \(2018\)](#): population.
- [Data Science for Social Impact research group, University of Pretoria](#): confirmed cases, deaths, recovered, tests.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ZAF.R

ZMB

Zambia

Description

Zambia

Usage

ZMB (level)

Data Sources

Level 1:

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ZMB.R

ZWE

Zimbabwe

Description

Zimbabwe

Usage

ZWE(level)

Data Sources**Level 1:**

- [World Bank Open Data \(2018\)](#): population.
- [Johns Hopkins Center for Systems Science and Engineering](#): confirmed cases, deaths, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Source

https://github.com/covid19datahub/COVID19/blob/master/R/iso_ZWE.R

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