

Package ‘COVID19’

January 12, 2023

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

Author Emanuele Guidotti [aut, cre] (<<https://orcid.org/0000-0002-8961-6623>>),
David Ardia [ctb] (<<https://orcid.org/0000-0003-2823-782X>>)

Maintainer Emanuele Guidotti <emanuele.guidotti@unine.ch>

R topics documented:

| | |
|-----|----|
| ABW | 6 |
| AFG | 7 |
| AGO | 7 |
| AIA | 8 |
| ALB | 8 |
| AND | 9 |
| ARE | 9 |
| ARG | 10 |
| ARM | 10 |
| ASM | 11 |
| ATG | 11 |
| AUS | 12 |
| AUT | 13 |
| AZE | 13 |
| BDI | 14 |
| BEL | 14 |
| BEN | 15 |
| BES | 16 |
| BFA | 16 |
| BGD | 17 |
| BGR | 17 |
| BHR | 18 |
| BHS | 18 |
| BIH | 19 |
| BLR | 19 |
| BLZ | 20 |
| BMU | 20 |
| BOL | 21 |
| BRA | 21 |
| BRB | 22 |
| BRN | 22 |
| BTN | 23 |
| BWA | 23 |
| CAC | 24 |
| CAF | 24 |
| CAN | 25 |
| CHE | 25 |
| CHL | 26 |
| CHN | 27 |
| CIV | 27 |
| CMR | 28 |
| COD | 28 |
| COG | 29 |
| COK | 29 |
| COL | 30 |
| COM | 30 |
| CPV | 31 |
| CRI | 31 |
| CUB | 32 |
| CUW | 32 |

| | |
|-----|----|
| CYM | 33 |
| CYP | 33 |
| CZE | 34 |
| DEU | 34 |
| DJI | 35 |
| DMA | 36 |
| DNK | 36 |
| DOM | 37 |
| DPC | 37 |
| DZA | 38 |
| ECU | 38 |
| EGY | 39 |
| ERI | 39 |
| ESP | 40 |
| EST | 40 |
| ETH | 41 |
| FIN | 41 |
| FJI | 42 |
| FLK | 42 |
| FRA | 43 |
| FRO | 43 |
| FSM | 44 |
| GAB | 44 |
| GBR | 45 |
| GEO | 46 |
| GGY | 46 |
| GHA | 47 |
| GIB | 47 |
| GIN | 48 |
| GLP | 48 |
| GMB | 49 |
| GNB | 49 |
| GNQ | 50 |
| GPC | 50 |
| GRC | 51 |
| GRD | 51 |
| GRL | 52 |
| GTM | 52 |
| GUF | 53 |
| GUM | 53 |
| GUY | 54 |
| HKG | 54 |
| HND | 55 |
| HRV | 55 |
| HTI | 56 |
| HUN | 56 |
| IDN | 57 |
| IMN | 57 |
| IND | 58 |
| IRL | 58 |
| IRN | 59 |
| IRQ | 59 |

| | |
|-----|----|
| ISL | 60 |
| ISR | 60 |
| ITA | 61 |
| JAM | 62 |
| JEY | 62 |
| JOR | 63 |
| JPN | 63 |
| KAZ | 64 |
| KEN | 64 |
| KGZ | 65 |
| KHM | 65 |
| KIR | 66 |
| KNA | 66 |
| KOR | 67 |
| KWT | 67 |
| LAO | 68 |
| LBN | 68 |
| LBR | 69 |
| LBY | 69 |
| LCA | 70 |
| LIE | 70 |
| LKA | 71 |
| LSO | 71 |
| LTU | 72 |
| LUX | 72 |
| LVA | 73 |
| MAC | 74 |
| MAR | 74 |
| MCO | 75 |
| MDA | 75 |
| MDG | 76 |
| MDV | 76 |
| MEX | 77 |
| MHL | 77 |
| MKD | 78 |
| MLI | 78 |
| MLT | 79 |
| MMR | 79 |
| MNE | 80 |
| MNG | 80 |
| MNP | 81 |
| MOZ | 81 |
| MRT | 82 |
| MSR | 82 |
| MTQ | 83 |
| MUS | 83 |
| MWI | 84 |
| MYS | 84 |
| MYT | 85 |
| NAM | 85 |
| NCL | 86 |
| NER | 86 |

| | |
|-----|-----|
| NGA | 87 |
| NIC | 87 |
| NIU | 88 |
| NLD | 88 |
| NOR | 89 |
| NPL | 89 |
| NRU | 90 |
| NZL | 90 |
| OMN | 91 |
| PAK | 91 |
| PAN | 92 |
| PCN | 92 |
| PER | 93 |
| PHL | 93 |
| PLW | 94 |
| PNG | 94 |
| POL | 95 |
| PRI | 95 |
| PRT | 96 |
| PRY | 96 |
| PSE | 97 |
| PYF | 97 |
| QAT | 98 |
| REU | 98 |
| RKS | 99 |
| ROU | 99 |
| RUS | 100 |
| RWA | 100 |
| SAU | 101 |
| SDN | 101 |
| SEN | 102 |
| SGP | 102 |
| SHN | 103 |
| SLB | 103 |
| SLE | 104 |
| SLV | 104 |
| SMR | 105 |
| SOM | 105 |
| SRB | 106 |
| SSD | 106 |
| STP | 107 |
| SUR | 107 |
| SVK | 108 |
| SVN | 108 |
| SWE | 109 |
| SWZ | 109 |
| SXM | 110 |
| SYC | 110 |
| SYR | 111 |
| TCA | 111 |
| TCD | 112 |
| TGO | 112 |

| | |
|---------------|-----|
| THA | 113 |
| TJK | 113 |
| TKL | 114 |
| TKM | 114 |
| TLS | 115 |
| TON | 115 |
| TTO | 116 |
| TUN | 116 |
| TUR | 117 |
| TUV | 117 |
| TWN | 118 |
| TZA | 118 |
| UGA | 119 |
| UKR | 119 |
| URY | 120 |
| USA | 120 |
| UZB | 121 |
| VAT | 122 |
| VCT | 122 |
| VEN | 123 |
| VGB | 123 |
| VIR | 124 |
| VNM | 124 |
| VUT | 125 |
| WLF | 125 |
| WSM | 126 |
| YEM | 126 |
| ZAF | 127 |
| ZMB | 127 |
| ZWE | 128 |

| | |
|--------------|------------|
| Index | 129 |
|--------------|------------|

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> |
|-----|------------------|

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> |
|-----|--------------|

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

Chile

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> |
|-----|-----------------|

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> |
|-----|-----------------------|

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> |
|-----|-------------|

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> |
|-----|-------------|

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> |
|-----|--------------|

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> |
|-----|---------------|

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 | <i>Norway</i> |
|-----|---------------|

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 | <i>Nepal</i> |
|-----|--------------|

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> |
|-----|---------------|

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.

Source

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

| | |
|-----|---------------|
| TUV | <i>Tuvalu</i> |
|-----|---------------|

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.

Source

https://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

Index

ABW, 6
AFG, 7
AGO, 7
AIA, 8
ALB, 8
AND, 9
ARE, 9
ARG, 10
ARM, 10
ASM, 11
ATG, 11
AUS, 12
AUT, 13
AZE, 13

BDI, 14
BEL, 14
BEN, 15
BES, 16
BFA, 16
BGD, 17
BGR, 17
BHR, 18
BHS, 18
BIH, 19
BLR, 19
BLZ, 20
BMU, 20
BOL, 21
BRA, 21
BRB, 22
BRN, 22
BTN, 23
BWA, 23

CAC, 24
CAF, 24
CAN, 25
CHE, 25
CHL, 26
CHN, 27
CIV, 27
CMR, 28
COD, 28

COG, 29
COK, 29
COL, 30
COM, 30
CPV, 31
CRI, 31
CUB, 32
CUW, 32
CYM, 33
CYP, 33
CZE, 34

DEU, 34
DJI, 35
DMA, 36
DNK, 36
DOM, 37
DPC, 37
DZA, 38

ECU, 38
EGY, 39
ERI, 39
ESP, 40
EST, 40
ETH, 41

FIN, 41
FJI, 42
FLK, 42
FRA, 43
FRO, 43
FSM, 44

GAB, 44
GBR, 45
GEO, 46
GGY, 46
GHA, 47
GIB, 47
GIN, 48
GLP, 48
GMB, 49
GNB, 49

- GNQ, 50
GPC, 50
GRC, 51
GRD, 51
GRL, 52
GTM, 52
GUF, 53
GUM, 53
GUY, 54
- HKG, 54
HND, 55
HRV, 55
HTI, 56
HUN, 56
- IDN, 57
IMN, 57
IND, 58
IRL, 58
IRN, 59
IRQ, 59
ISL, 60
ISR, 60
ITA, 61
- JAM, 62
JEY, 62
JOR, 63
JPN, 63
- KAZ, 64
KEN, 64
KGZ, 65
KHM, 65
KIR, 66
KNA, 66
KOR, 67
KWT, 67
- LAO, 68
LBN, 68
LBR, 69
LBY, 69
LCA, 70
LIE, 70
LKA, 71
LSO, 71
LTU, 72
LUX, 72
LVA, 73
- MAC, 74
MAR, 74
- MCO, 75
MDA, 75
MDG, 76
MDV, 76
MEX, 77
MHL, 77
MKD, 78
MLI, 78
MLT, 79
MMR, 79
MNE, 80
MNG, 80
MNP, 81
MOZ, 81
MRT, 82
MSR, 82
MTQ, 83
MUS, 83
MWI, 84
MYS, 84
MYT, 85
- NAM, 85
NCL, 86
NER, 86
NGA, 87
NIC, 87
NIU, 88
NLD, 88
NOR, 89
NPL, 89
NRU, 90
NZL, 90
- OMN, 91
- PAK, 91
PAN, 92
PCN, 92
PER, 93
PHL, 93
PLW, 94
PNG, 94
POL, 95
PRI, 95
PRT, 96
PRY, 96
PSE, 97
PYF, 97
- QAT, 98
- REU, 98

RKS, 99
ROU, 99
RUS, 100
RWA, 100

SAU, 101
SDN, 101
SEN, 102
SGP, 102
SHN, 103
SLB, 103
SLE, 104
SLV, 104
SMR, 105
SOM, 105
SRB, 106
SSD, 106
STP, 107
SUR, 107
SVK, 108
SVN, 108
SWE, 109
SWZ, 109
SXM, 110
SYC, 110
SYR, 111

TCA, 111
TCD, 112
TGO, 112
THA, 113
TJK, 113
TKL, 114
TKM, 114
TLS, 115
TON, 115
TTO, 116
TUN, 116
TUR, 117
TUV, 117
TWN, 118
TZA, 118

UGA, 119
UKR, 119
URY, 120
USA, 120
UZB, 121

VAT, 122
VCT, 122
VEN, 123
VGB, 123

VIR, 124
VNM, 124
VUT, 125

WLF, 125
WSM, 126

YEM, 126

ZAF, 127
ZMB, 127
ZWE, 128