

Package: COVID19 (via r-universe)

March 19, 2025

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

Config/pak/sysreqs git libicu-dev libxml2-dev libssl-dev libx11-dev

Repository <https://covid19datahub.r-universe.dev>

RemoteUrl <https://github.com/covid19datahub/covid19>

RemoteRef HEAD

RemoteSha f2ceef29a9ef6f8be1455ca11481c9589612472f

Contents

ABW	6
AFG	7
AGO	8
AIA	8
ALB	9

AND	9
ARE	10
ARG	10
ARM	11
ASM	12
ATG	12
AUS	13
AUT	13
AZE	14
BDI	15
BEL	15
BEN	16
BES	17
BFA	17
BGD	18
BGR	18
BHR	19
BHS	19
BIH	20
BLR	20
BLZ	21
BMU	21
BOL	22
BRA	22
BRB	23
BRN	24
BTN	24
BWA	25
CAC	25
CAF	26
CAN	26
CHE	27
CHL	28
CHN	28
CIV	29
CMR	30
COD	30
COG	31
COK	31
COL	32
COM	32
CPV	33
CRI	34
CUB	34
CUW	35
CYM	35
CYP	36
CZE	36

DEU	37
DJI	38
DMA	38
DNK	39
DOM	39
DPC	40
DZA	41
ECU	41
EGY	42
ERI	42
ESP	43
EST	43
ETH	44
FIN	45
FJI	45
FLK	46
FRA	46
FRO	47
FSM	48
GAB	48
GBR	49
GEO	50
GGY	50
GHA	51
GIB	51
GIN	52
GLP	52
GMB	53
GNB	53
GNQ	54
GPC	54
GRC	55
GRD	55
GRL	56
GTM	56
GUF	57
GUM	57
GUY	58
HKG	58
HND	59
HRV	59
HTI	60
HUN	60
IDN	61
IMN	62
IND	62
IRL	63
IRN	63

IRQ	64
ISL	65
ISR	65
ITA	66
JAM	67
JEY	67
JOR	68
JPN	68
KAZ	69
KEN	69
KGZ	70
KHM	70
KIR	71
KNA	71
KOR	72
KWT	72
LAO	73
LBN	73
LBR	74
LBY	74
LCA	75
LIE	75
LKA	76
LSO	76
LTU	77
LUX	78
LVA	78
MAC	79
MAR	79
MCO	80
MDA	80
MDG	81
MDV	81
MEX	82
MHL	82
MKD	83
MLI	84
MLT	84
MMR	85
MNE	85
MNG	86
MNP	86
MOZ	87
MRT	87
MSR	88
MTQ	88
MUS	89
MWI	89

MYS	90
MYT	90
NAM	91
NCL	91
NER	92
NGA	92
NIC	93
NIU	93
NLD	94
NOR	94
NPL	95
NRU	96
NZL	96
OMN	97
PAK	97
PAN	98
PCN	98
PER	99
PHL	99
PLW	100
PNG	101
POL	101
PRI	102
PRT	102
PRY	103
PSE	103
PYF	104
QAT	104
REU	105
RKS	105
ROU	106
RUS	106
RWA	107
SAU	107
SDN	108
SEN	108
SGP	109
SHN	109
SLB	110
SLE	110
SLV	111
SMR	111
SOM	112
SRB	112
SSD	113
STP	113
SUR	114
SVK	114

SVN	115
SWE	115
SWZ	116
SXM	117
SYC	117
SYR	118
TCA	118
TCO	119
TGO	119
THA	120
TJK	120
TKL	121
TKM	121
TLS	122
TON	122
TTO	123
TUN	123
TUR	124
TUV	124
TWN	125
TZA	125
UGA	126
UKR	127
URY	127
USA	128
UZB	129
VAT	129
VCT	130
VEN	130
VGB	131
VIR	131
VNM	132
VUT	132
WLF	133
WSM	133
YEM	134
ZAF	134
ZMB	135
ZWE	136

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	<i>Afghanistan</i>
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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.

Sourcehttps://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.

Sourcehttps://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	<i>Armenia</i>
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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*Australia*

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.

Sourcehttps://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	<i>Azerbaijan</i>
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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.

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

BEL*Belgium*

Description

Belgium

Usage

BEL(level)

Data Sources**Level 1:**

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

Level 2:

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

Level 3:

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

Source

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

BEN	<i>Benin</i>
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Description

Benin

Usage

BEN(level)

Data Sources

Level 1:

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

Source

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

BES*Bonaire, Sint Eustatius and Saba*

Description

Bonaire, Sint Eustatius and Saba

Usage

BES(level)

Data Sources**Level 1:**

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

Source

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

BFA

Burkina Faso

Description

Burkina Faso

Usage

BFA(level)

Data Sources**Level 1:**

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

Source

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

BGD

Bangladesh

Description

Bangladesh

Usage

BGD(level)

Data Sources**Level 1:**

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

Source

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

BGR

Bulgaria

Description

Bulgaria

Usage

BGR(level)

Data Sources**Level 1:**

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

Source

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

BHR*Bahrain*

Description

Bahrain

Usage

BHR(level)

Data Sources**Level 1:**

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

Sourcehttps://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.

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

BIH	<i>Bosnia and Herzegovina</i>
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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	<i>Belarus</i>
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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.

Sourcehttps://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.

Sourcehttps://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.

Sourcehttps://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.

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

CAF	<i>Central African Republic</i>
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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	<i>Canada</i>
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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	<i>Switzerland</i>
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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	<i>Cote d'Ivoire</i>
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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	<i>Congo (Brazzaville)</i>
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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	<i>Cook Islands</i>
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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	<i>Cabo Verde</i>
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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	<i>Costa Rica</i>
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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	<i>Cuba</i>
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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	<i>Curaçao</i>
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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	<i>Cayman Islands</i>
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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	<i>Germany</i>
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Description

Germany

Usage

DEU(level)

Data Sources

Level 1:

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

Level 2:

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

Level 3:

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

Source

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

DJI	<i>Djibouti</i>
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Description

Djibouti

Usage

DJI(level)

Data Sources**Level 1:**

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

Source

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

DMA	<i>Dominica</i>
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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.

Sourcehttps://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.

Sourcehttps://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.

Sourcehttps://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	<i>Ethiopia</i>
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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.

Sourcehttps://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.

Sourcehttps://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*United Kingdom*

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.

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

GEO	<i>Georgia</i>
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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	<i>Guernsey</i>
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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.

Sourcehttps://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.

Sourcehttps://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.

Sourcehttps://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.

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

GMB	<i>Gambia</i>
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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	<i>Guinea-Bissau</i>
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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	<i>Greece</i>
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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	<i>Grenada</i>
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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.

Sourcehttps://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.

Sourcehttps://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.

Sourcehttps://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	<i>Indonesia</i>
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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	<i>Ireland</i>
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Description

Ireland

Usage

IRL(level)

Data Sources**Level 1:**

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

Level 2:

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

Source

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

IRN	<i>Iran</i>
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Description

Iran

Usage

IRN(level)

Data Sources

Level 1:

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

Source

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

IRQ	<i>Iraq</i>
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Description

Iraq

Usage

IRQ(level)

Data Sources

Level 1:

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

Source

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

ISL

Iceland

Description

Iceland

Usage

ISL(level)

Data Sources**Level 1:**

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

Source

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

ISR

Israel

Description

Israel

Usage

ISR(level)

Data Sources**Level 1:**

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

Source

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

ITA

Italy

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.
- **Hirokazu Takaya:** confirmed cases, deaths, recovered, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

Level 2:

- **Japan COVID-19 Bulletin Board (2020):** population.
- **Hirokazu Takaya:** confirmed cases, deaths, recovered, tests, hospitalizations, intensive care.

Source

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

KAZ	<i>Kazakhstan</i>
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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	<i>Kenya</i>
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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	<i>Kyrgyzstan</i>
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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	<i>Cambodia</i>
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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	<i>Kiribati</i>
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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	<i>Saint Kitts and Nevis</i>
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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	<i>Laos</i>
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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	<i>Lebanon</i>
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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	<i>Liberia</i>
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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	<i>Libya</i>
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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_LS0.R

LTU	<i>Lithuania</i>
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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

*Latvia***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.

Sourcehttps://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.

Sourcehttps://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	<i>Mauritius</i>
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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	<i>Malawi</i>
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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	<i>Malaysia</i>
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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.

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

MYT	<i>Mayotte</i>
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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.

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

NAM	<i>Namibia</i>
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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.

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

NCL	<i>New Caledonia</i>
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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.

Sourcehttps://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	<i>Nicaragua</i>
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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.

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

NIU	<i>Niue</i>
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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.

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

NLD

Netherlands

Description

Netherlands

Usage

NLD(level)

Data Sources**Level 1:**

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

Level 2:

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

Level 3:

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

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

NOR

Norway

Description

Norway

Usage

NOR(level)

Data Sources**Level 1:**

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

Source

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

NPL	<i>Nepal</i>
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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	<i>Oman</i>
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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	<i>Pakistan</i>
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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	<i>Panama</i>
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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	<i>Pitcairn</i>
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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	<i>Peru</i>
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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	<i>Philippines</i>
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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	<i>Palau</i>
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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	<i>Papua New Guinea</i>
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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	<i>Poland</i>
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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	<i>French Polynesia</i>
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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	<i>Qatar</i>
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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	<i>Réunion</i>
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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	<i>Kosovo</i>
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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	<i>Rwanda</i>
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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	<i>Saudi Arabia</i>
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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	<i>Sudan</i>
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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	<i>Senegal</i>
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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	<i>Singapore</i>
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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	<i>Saint Helena, Ascension and Tristan da Cunha</i>
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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	<i>Solomon Islands</i>
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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	<i>Sierra Leone</i>
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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	<i>El Salvador</i>
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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	<i>San Marino</i>
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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	<i>Somalia</i>
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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	<i>Serbia</i>
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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	<i>South Sudan</i>
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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	<i>Sao Tome and Principe</i>
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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	<i>Suriname</i>
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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	<i>Slovakia</i>
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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	<i>Slovenia</i>
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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	<i>Sweden</i>
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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	<i>Eswatini</i>
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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	<i>Chad</i>
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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	<i>Togo</i>
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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	<i>Thailand</i>
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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	<i>Tajikistan</i>
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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	<i>Tokelau</i>
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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	<i>Turkmenistan</i>
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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	<i>Trinidad and Tobago</i>
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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	<i>Tunisia</i>
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Description

Tunisia

Usage

TUN(level)

Data Sources**Level 1:**

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

Source

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

TUR	<i>Turkey</i>
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Description

Turkey

Usage

TUR(level)

Data Sources**Level 1:**

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

Source

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

TUV	<i>Tuvalu</i>
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Description

Tuvalu

Usage

TUV(level)

Data Sources**Level 1:**

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

Source

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

TWN	<i>Taiwan</i>
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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	<i>Tanzania</i>
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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	<i>Uganda</i>
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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.

Sourcehttps://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	<i>United States</i>
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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	<i>Uzbekistan</i>
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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	<i>Holy See</i>
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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	<i>Saint Vincent and the Grenadines</i>
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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	<i>Venezuela</i>
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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	<i>Vietnam</i>
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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	<i>Vanuatu</i>
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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	<i>Yemen</i>
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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	<i>South Africa</i>
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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	<i>Zambia</i>
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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.

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