

# Package ‘COVID19’

November 30, 2021

**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

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**RoxygenNote** 7.1.2

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**GithubRepo** COVID19

**GithubUsername** covid19datahub

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**R topics documented:**

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

CYM	32
CYP	33
CZE	33
DEU	34
DJI	35
DMA	35
DNK	36
DOM	36
DPC	37
DZA	37
ECU	38
EGY	38
ERI	39
ESP	39
EST	40
ETH	40
FIN	41
FJI	41
FLK	42
FRA	42
FRO	43
FSM	43
GAB	44
GBR	44
GEO	45
GGY	45
GHA	46
GIB	46
GIN	47
GLP	47
GMB	48
GNB	48
GNQ	49
GPC	49
GRC	50
GRD	50
GRL	51
GTM	51
GUF	52
GUM	52
GUY	53
HKG	53
HND	54
HRV	54
HTI	55
HUN	55
IDN	56
IMN	56
IND	57
IRL	57
IRN	58
IRQ	58

ISL . . . . .	59
ISR . . . . .	59
ITA . . . . .	60
JAM . . . . .	60
JEY . . . . .	61
JOR . . . . .	61
JPN . . . . .	62
KAZ . . . . .	63
KEN . . . . .	63
KGZ . . . . .	64
KHM . . . . .	64
KIR . . . . .	65
KNA . . . . .	65
KOR . . . . .	66
KWT . . . . .	66
LAO . . . . .	67
LBN . . . . .	67
LBR . . . . .	68
LBY . . . . .	68
LCA . . . . .	69
LIE . . . . .	69
LKA . . . . .	70
LSO . . . . .	70
LTU . . . . .	71
LUX . . . . .	71
LVA . . . . .	72
MAC . . . . .	72
MAR . . . . .	73
MCO . . . . .	73
MDA . . . . .	74
MDG . . . . .	74
MDV . . . . .	75
MEX . . . . .	75
MHL . . . . .	76
MKD . . . . .	76
MLI . . . . .	77
MLT . . . . .	77
MMR . . . . .	78
MNE . . . . .	78
MNG . . . . .	79
MNP . . . . .	79
MOZ . . . . .	80
MRT . . . . .	80
MSR . . . . .	81
MTQ . . . . .	81
MUS . . . . .	82
MWI . . . . .	82
MYS . . . . .	83
MYT . . . . .	83
NAM . . . . .	84
NCL . . . . .	84
NER . . . . .	85

NGA	85
NIC	86
NIU	86
NLD	87
NOR	87
NPL	88
NRU	88
NZL	89
OMN	89
PAK	90
PAN	90
PCN	91
PER	91
PHL	92
PLW	92
PNG	93
POL	93
PRI	94
PRT	94
PRY	95
PSE	95
PYF	96
QAT	96
REU	97
RKS	97
ROU	98
RUS	98
RWA	99
SAU	99
SDN	100
SEN	100
SGP	101
SHN	101
SLB	102
SLE	102
SLV	103
SMR	103
SOM	104
SRB	104
SSD	105
STP	105
SUR	106
SVK	106
SVN	107
SWE	107
SWZ	108
SXM	108
SYC	109
SYR	109
TCA	110
TCD	110
TGO	111

THA . . . . .	111
TJK . . . . .	112
TKL . . . . .	112
TKM . . . . .	113
TLS . . . . .	113
TON . . . . .	114
TTO . . . . .	114
TUN . . . . .	115
TUR . . . . .	115
TUV . . . . .	116
TWN . . . . .	116
TZA . . . . .	117
UGA . . . . .	117
UKR . . . . .	118
URY . . . . .	118
USA . . . . .	119
UZB . . . . .	119
VAT . . . . .	120
VCT . . . . .	120
VEN . . . . .	121
VGB . . . . .	121
VIR . . . . .	122
VNM . . . . .	122
VUT . . . . .	123
WLF . . . . .	123
WSM . . . . .	124
YEM . . . . .	124
ZAF . . . . .	125
ZMB . . . . .	126
ZWE . . . . .	126

<b>Index</b>	<b>127</b>
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ABW

*Aruba*

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## 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**: tests, total vaccine doses 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_ABW.R)

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AFG

*Afghanistan*

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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.

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_AFG.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_AFG.R)

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AGO

*Angola*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_AGO.R)

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AIA

*Anguilla*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_AIA.R)

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ALB

*Albania*

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### Description

Albania

### Usage

ALB(level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_ALB.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_ALB.R)



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AND

*Andorra*

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### Description

Andorra

### Usage

AND (level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_AND.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_AND.R)

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ARE

*United Arab Emirates*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_ARE.R)

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ARG

*Argentina*

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### 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.

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_ARG.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_ARG.R)

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ARM

*Armenia*

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

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ASM

*American Samoa*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_ASM.R)

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ATG

*Antigua and Barbuda*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_ATG.R)

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AUS

*Australia*

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### Description

Australia

### Usage

AUS (level)

### Data Sources

#### Level 1:

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

#### Level 2:

- **Matt Bolton**: confirmed cases, deaths, recovered, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care, patients requiring ventilation.

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_AUS.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_AUS.R)

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AUT

*Austria*

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### 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:** 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:** confirmed cases, deaths, recovered.

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_AUT.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_AUT.R)

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

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BDI	<i>Burundi</i>
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### Description

Burundi

### Usage

BDI (level)

**Data Sources****Level 1:**

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

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_BDI.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_BDI.R)

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BEL

*Belgium*

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**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:**

- [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:**

- [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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_BEL.R)

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BEN

*Benin*

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

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BES

*Bonaire, Sint Eustatius and Saba*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_BES.R)

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BFA

*Burkina Faso*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_BFA.R)

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BGD

*Bangladesh*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_BGD.R)



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BGR

*Bulgaria*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_BGR.R)

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BHR

*Bahrain*

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### Description

Bahrain

### Usage

BHR(level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_BHR.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_BHR.R)

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BHS

*Bahamas*

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### Description

Bahamas

### Usage

BHS (level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_BHS.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_BHS.R)

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BIH

*Bosnia and Herzegovina*

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

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BLR

*Belarus*

---

### Description

Belarus

### Usage

BLR(level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_BLR.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_BLR.R)

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BLZ

*Belize*

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### Description

Belize

### Usage

BLZ(level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_BLZ.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_BLZ.R)

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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](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_BMU.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_BMU.R)

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BOL

*Bolivia*

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### 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](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 \(2020\)](#): population.
- [Wesley Cota](#): confirmed cases, deaths, recovered, tests, total vaccine doses administered.

**Level 3:**

- [Wesley Cota \(2020\)](#): population.
- [Wesley Cota](#): confirmed cases, deaths.
- [Emanuele Guidotti](#): 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](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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_BRB.R)

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BRN

*Brunei*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_BRN.R)

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BTN

*Bhutan*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_BTN.R)

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BWA

*Botswana*

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### Description

Botswana

### Usage

BWA(level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_BWA.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_BWA.R)

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CAC

*Cruise Ship Costa Atlantica*

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### Description

Cruise Ship Costa Atlantica

### Usage

CAC(level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_CAC.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_CAC.R)

CAF

*Central African Republic***Description**

Central African Republic

**Usage**

CAF (level)

**Data Sources****Level 1:**

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

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_CAF.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_CAF.R)

CAN

*Canada***Description**

Canada

**Usage**

CAN (level)

**Data Sources****Level 1:**

- **World Bank Open Data (2018):** population.
- **Public Health Agency of Canada:** confirmed cases, deaths, 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:**

- **Public Health Agency of Canada:** 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\\_CAN.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_CAN.R)



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CHE

*Switzerland*

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### Description

Switzerland

### Usage

CHE (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.
- **Johns Hopkins Center for Systems Science and Engineering**: recovered.

#### Level 2:

- **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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_CHE.R)

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CHL

*Chile*

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### Description

Chile

### Usage

CHL (level)

**Data Sources****Level 1:**

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

**Level 2:**

- **Ministerio de Ciencia, Tecnología, Conocimiento, e Innovación**: 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**: 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\\_CHN.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_CHN.R)

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CHN	<i>China</i>
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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_CHN.R)

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CIV

*Cote d'Ivoire*

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

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CMR

*Cameroon*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_CMR.R)

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COD

*Congo (Kinshasa)*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_COD.R)

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COG

*Congo (Brazzaville)*

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

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COK

*Cook Islands*

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

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COL

*Colombia*

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### 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:

- **Instituto Nacional de Salud**: confirmed cases, deaths, recovered, tests.

#### Level 3:

- **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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_COL.R)

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COM

*Comoros*

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**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:** tests, total vaccine doses 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_COM.R)

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CPV

*Cabo Verde*

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

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CRI

*Costa Rica*

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

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CUB

*Cuba*

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

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CUW

*Curaçao*

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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](#): tests, total vaccine doses 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_CUW.R)

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CYM

*Cayman Islands*

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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](#): tests, total vaccine doses 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_CYM.R)



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CYP

*Cyprus*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_CYP.R)

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CZE

*Czech Republic*

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### 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:

- **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:

- **Ministry of Health of the Czech Republic**: confirmed cases, deaths, recovered, tests.

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_CZE.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_CZE.R)

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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:**

- **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:**

- **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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_DEU.R)

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DJI

*Djibouti*

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

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DMA

*Dominica*

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

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DNK

*Denmark*

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### 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:

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

#### Level 3:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_DNK.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_DNK.R)

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DOM

*Dominican Republic*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_DOM.R)

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DPC

*Cruise Ship Diamond Princess*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_DPC.R)

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DZA

*Algeria*

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**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:** tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_DZA.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_DZA.R)

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ECU

*Ecuador*

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### Description

Ecuador

### Usage

ECU(level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_ECU.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_ECU.R)

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EGY

*Egypt*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_EGY.R)

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ERI

*Eritrea*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_ERI.R)

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ESP

*Spain*

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### 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:

- [Centro Nacional de Epidemiología](#): confirmed cases.

#### Level 3:

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

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_ESP.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_ESP.R)

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EST

*Estonia*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_EST.R)

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ETH

*Ethiopia*

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



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FIN

*Finland*

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### Description

Finland

### Usage

FIN(level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_FIN.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_FIN.R)

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FJI

*Fiji*

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### Description

Fiji

### Usage

FJI(level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_FJI.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_FJI.R)

FLK

*Falkland Islands***Description**

Falkland Islands

**Usage**

FLK(level)

**Data Sources****Level 1:**

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

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_FLK.R](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**: 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:**

- **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**: 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_FRA.R)

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

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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](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](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:** confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, patients requiring ventilation.

**Level 2:**

- **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:**

- **UK Health Security Agency:** confirmed cases, deaths, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, patients requiring ventilation.

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_GBR.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_GBR.R)

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GEO

*Georgia*

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

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GGY

*Guernsey*

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

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GHA

*Ghana*

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### Description

Ghana

### Usage

GHA(level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_GHA.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_GHA.R)

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GIB

*Gibraltar*

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### Description

Gibraltar

### Usage

GIB(level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_GIB.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_GIB.R)

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GIN

*Guinea*

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### Description

Guinea

### Usage

GIN(level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_GIN.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_GIN.R)

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GLP

*Guadeloupe*

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### Description

Guadeloupe

### Usage

GLP(level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_GLP.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_GLP.R)

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GMB

*Gambia*

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

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GNB

*Guinea-Bissau*

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



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GNQ

*Equatorial Guinea*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_GNQ.R)

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GPC

*Cruise Ship Grand Princess*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_GPC.R)

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GRC

*Greece*

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

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GRD

*Grenada*

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

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GRL

*Greenland*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_GRL.R)

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GTM

*Guatemala*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_GTM.R)

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GUF

*French Guiana*

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### Description

French Guiana

### Usage

GUF(level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_GUF.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_GUF.R)

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GUM

*Guam*

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### Description

Guam

### Usage

GUM(level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_GUM.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_GUM.R)

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GUY

*Guyana*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_GUY.R)

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HKG

*Hong Kong*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_HKG.R)

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HND

*Honduras*

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### Description

Honduras

### Usage

HND(level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_HND.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_HND.R)

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HRV

*Croatia*

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### 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 Institute of Public Health**: confirmed cases, deaths, recovered.

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_HRV.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_HRV.R)

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HTI

*Haiti*

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### 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:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_HTI.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_HTI.R)

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HUN

*Hungary*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_HUN.R)

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IDN

*Indonesia*

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

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IMN

*Isle of Man*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_IMN.R)



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IND *India*

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**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:**

- [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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_IND.R)

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IRL *Ireland*

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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:**

- [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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_IRL.R)

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IRN

*Iran*

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

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IRQ

*Iraq*

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

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ISL

*Iceland*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_ISL.R)

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ISR

*Israel*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_ISR.R)

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ITA

*Italy*

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### Description

Italy

### Usage

ITA(level)

### Data Sources

#### Level 1:

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

#### Level 2:

- **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:

- **Ministero della Salute**: confirmed cases.

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_ITA.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_ITA.R)

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JAM

*Jamaica*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_JAM.R)

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JEY

*Jersey*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_JEY.R)

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JOR

*Jordan*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_JOR.R)

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JPN

*Japan*

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**Description**

Japan

**Usage**

JPN(level)

**Data Sources****Level 1:**

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

**Level 2:**

- **Su Wei**: confirmed cases, deaths, recovered, tests, hospitalizations, intensive care, patients requiring ventilation.

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_JPN.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_JPN.R)

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KAZ

*Kazakhstan*

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

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KEN

*Kenya*

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

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KGZ

*Kyrgyzstan*

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

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KHM

*Cambodia*

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



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KIR

*Kiribati*

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

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KNA

*Saint Kitts and Nevis*

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

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KOR

*Korea, South*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_KOR.R)

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KWT

*Kuwait*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_KWT.R)

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LAO

*Laos*

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

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LBN

*Lebanon*

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

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LBR

*Liberia*

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

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LBY

*Libya*

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

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LCA

*Saint Lucia*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_LCA.R)

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LIE

*Liechtenstein*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_LIE.R)

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LKA

*Sri Lanka*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_LKA.R)

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LSO

*Lesotho*

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### Description

Lesotho

### Usage

LSO (level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_LSO.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_LSO.R)

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LTU

*Lithuania*

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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**: confirmed cases, deaths, recovered, tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

#### Level 3:

- **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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_LTU.R)

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LUX

*Luxembourg*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_LUX.R)

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LVA

*Latvia*

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**Description**

Latvia

**Usage**

LVA(level)

**Data Sources****Level 1:**

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

**Level 3:**

- **Center for Disease Prevention and Control:** confirmed cases.

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_LVA.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_LVA.R)

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MAC

*Macao*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MAC.R)

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MAR

*Morocco*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MAR.R)

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MCO

*Monaco*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MCO.R)

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MDA

*Moldova*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MDA.R)

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MDG

*Madagascar*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MDG.R)

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MDV

*Maldives*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MDV.R)

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MEX

*Mexico*

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**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:**

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

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_MEX.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MEX.R)

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MHL

*Marshall Islands*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MHL.R)

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MKD

*North Macedonia*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MKD.R)

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MLI

*Mali*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MLI.R)

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MLT

*Malta*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MLT.R)

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MMR

*Burma*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MMR.R)

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MNE

*Montenegro*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MNE.R)

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MNG

*Mongolia*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MNG.R)

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MNP

*Northern Mariana Islands*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MNP.R)

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MOZ

*Mozambique*

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### Description

Mozambique

### Usage

MOZ (level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_MOZ.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MOZ.R)

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MRT

*Mauritania*

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### Description

Mauritania

### Usage

MRT (level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_MRT.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MRT.R)



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MSR

*Montserrat*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MSR.R)

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MTQ

*Martinique*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MTQ.R)

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MUS

*Mauritius*

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

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MWI

*Malawi*

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

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MYS

*Malaysia*

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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.

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_MYS.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MYS.R)

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MYT

*Mayotte*

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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.

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_MYT.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_MYT.R)

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NAM

*Namibia*

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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.

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_NAM.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_NAM.R)

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NCL

*New Caledonia*

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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.

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_NCL.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_NCL.R)

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NER

*Niger*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_NER.R)

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NGA

*Nigeria*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_NGA.R)

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NIC

*Nicaragua*

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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, recovered.
- [Our World in Data](#): tests, total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated, hospitalizations, intensive care.

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_NIC.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_NIC.R)

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NIU

*Niue*

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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.

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_NIU.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_NIU.R)

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NLD

*Netherlands*

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**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:**

- **National Institute for Public Health and the Environment**: confirmed cases, deaths.

**Level 3:**

- **National Institute for Public Health and the Environment**: confirmed cases, deaths.

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_NLD.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_NLD.R)

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NOR

*Norway*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_NOR.R)

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NPL

*Nepal*

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

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NRU

*Nauru*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_NRU.R)



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NZL

*New Zealand*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_NZL.R)

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OMN

*Oman*

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

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PAK

*Pakistan*

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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:** confirmed cases, deaths, recovered.

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_PAK.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_PAK.R)

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PAN

*Panama*

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

PCN

*Pitcairn***Description**

Pitcairn

**Usage**

PCN(level)

**Data Sources****Level 1:**

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

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_PCN.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_PCN.R)

PER

*Peru***Description**

Peru

**Usage**

PER(level)

**Data Sources****Level 1:**

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

**Level 2:**

- **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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_PER.R)

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PHL

*Philippines*

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

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PLW

*Palau*

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

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PNG

*Papua New Guinea*

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

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POL

*Poland*

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

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 PRI

*Puerto Rico*


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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_PRI.R)


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PRT

*Portugal*


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**Description**

Portugal

**Usage**

PRT (level)

**Data Sources****Level 1:**

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

**Level 2:**

- **Data Science for Social Good Portugal**: confirmed cases, deaths.

**Source**
[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_PRT.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_PRT.R)

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PRY

*Paraguay*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_PRY.R)

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PSE

*West Bank and Gaza*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_PSE.R)

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PYF

*French Polynesia*

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

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QAT

*Qatar*

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



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REU

*Réunion*

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

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RKS

*Kosovo*

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

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ROU

*Romania*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_ROU.R)

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RUS

*Russia*

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**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:**

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

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_RUS.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_RUS.R)

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RWA

*Rwanda*

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

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SAU

*Saudi Arabia*

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

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SDN

*Sudan*

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

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SEN

*Senegal*

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

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SGP

*Singapore*

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

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SHN

*Saint Helena, Ascension and Tristan da Cunha*

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

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SLB

*Solomon Islands*

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

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SLE

*Sierra Leone*

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

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SLV

*El Salvador*

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

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SMR

*San Marino*

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

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SOM

*Somalia*

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

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SRB

*Serbia*

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



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SSD

*South Sudan*

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

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STP

*Sao Tome and Principe*

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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](#): tests, total vaccine doses 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_STP.R)

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SUR

*Suriname*

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

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SVK

*Slovakia*

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

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SVN

*Slovenia*

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

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SWE

*Sweden*

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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:**

- **Public Health Agency of Sweden**: confirmed cases.

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_SWE.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_SWE.R)

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SWZ

*Eswatini*

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

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SXM

*Sint Maarten*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_SXM.R)

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SYC

*Seychelles*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_SYC.R)

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SYR

*Syria*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_SYR.R)

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TCA

*Turks and Caicos Islands*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_TCA.R)

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TCD

*Chad*

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

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TGO

*Togo*

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

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THA

*Thailand*

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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:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_THA.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_THA.R)

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TJK

*Tajikistan*

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

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TKL

*Tokelau*

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



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TKM

*Turkmenistan*

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

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TLS

*Timor-Leste*

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### 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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_TLS.R)

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

---

TTO

*Trinidad and Tobago*

---

### Description

Trinidad and Tobago

### Usage

TTO(level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_TTO.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_TTO.R)

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TUN

*Tunisia*

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

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TUR

*Turkey*

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

TUV

*Tuvalu***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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_TUV.R)

TWN

*Taiwan***Description**

Taiwan

**Usage**

TWN(level)

**Data Sources****Level 1:**

- **World Bank Open Data (2018):** 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:**

- **Ministry of Health and Welfare of Taiwan:** confirmed cases.

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_TWN.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_TWN.R)

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TZA

*Tanzania*

---

### Description

Tanzania

### Usage

TZA (level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_TZA.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_TZA.R)

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UGA

*Uganda*

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

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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:**

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

**Source**

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_UKR.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_UKR.R)

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

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USA

*United States*

---

### Description

United States

### Usage

USA (level)

### Data Sources

#### Level 1:

- **World Bank Open Data (2018)**: 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:

- **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:

- **The New York Times**: confirmed cases, deaths.
- **Centers for Disease Control and Prevention**: total vaccine doses administered, people with at least one vaccine dose, people fully vaccinated.

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_USA.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_USA.R)

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UZB

*Uzbekistan*

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

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VAT

*Holy See*

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

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VCT

*Saint Vincent and the Grenadines*

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

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

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VGB	<i>British Virgin Islands</i>
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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_VGB.R)

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VIR

*Virgin Islands, U.S.*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_VIR.R)

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VNM

*Vietnam*

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

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

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WLF	<i>Wallis and Futuna</i>
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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_WLF.R)

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WSM

*Samoa*

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**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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_WSM.R)

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YEM

*Yemen*

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

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ZAF

*South Africa*

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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:**

- **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](https://github.com/covid19datahub/COVID19/blob/master/R/iso_ZAF.R)

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ZMB

*Zambia*

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

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ZWE

*Zimbabwe*

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### Description

Zimbabwe

### Usage

ZWE (level)

### Data Sources

#### Level 1:

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

### Source

[https://github.com/covid19datahub/COVID19/blob/master/R/iso\\_ZWE.R](https://github.com/covid19datahub/COVID19/blob/master/R/iso_ZWE.R)

# Index

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

BDI, [13](#)  
BEL, [14](#)  
BEN, [15](#)  
BES, [15](#)  
BFA, [16](#)  
BGD, [16](#)  
BGR, [17](#)  
BHR, [17](#)  
BHS, [18](#)  
BIH, [18](#)  
BLR, [19](#)  
BLZ, [19](#)  
BMU, [20](#)  
BOL, [20](#)  
BRA, [21](#)  
BRB, [21](#)  
BRN, [22](#)  
BTN, [22](#)  
BWA, [23](#)

CAC, [23](#)  
CAF, [24](#)  
CAN, [24](#)  
CHE, [25](#)  
CHL, [25](#)  
CHN, [26](#)  
CIV, [27](#)  
CMR, [27](#)  
COD, [28](#)

COG, [28](#)  
COK, [29](#)  
COL, [29](#)  
COM, [30](#)  
CPV, [30](#)  
CRI, [31](#)  
CUB, [31](#)  
CUW, [32](#)  
CYM, [32](#)  
CYP, [33](#)  
CZE, [33](#)

DEU, [34](#)  
DJI, [35](#)  
DMA, [35](#)  
DNK, [36](#)  
DOM, [36](#)  
DPC, [37](#)  
DZA, [37](#)

ECU, [38](#)  
EGY, [38](#)  
ERI, [39](#)  
ESP, [39](#)  
EST, [40](#)  
ETH, [40](#)

FIN, [41](#)  
FJI, [41](#)  
FLK, [42](#)  
FRA, [42](#)  
FRO, [43](#)  
FSM, [43](#)

GAB, [44](#)  
GBR, [44](#)  
GEO, [45](#)  
GGY, [45](#)  
GHA, [46](#)  
GIB, [46](#)  
GIN, [47](#)  
GLP, [47](#)  
GMB, [48](#)  
GNB, [48](#)

- GNQ, 49  
GPC, 49  
GRC, 50  
GRD, 50  
GRL, 51  
GTM, 51  
GUF, 52  
GUM, 52  
GUY, 53
- HKG, 53  
HND, 54  
HRV, 54  
HTI, 55  
HUN, 55
- IDN, 56  
IMN, 56  
IND, 57  
IRL, 57  
IRN, 58  
IRQ, 58  
ISL, 59  
ISR, 59  
ITA, 60
- JAM, 60  
JEY, 61  
JOR, 61  
JPN, 62
- KAZ, 63  
KEN, 63  
KGZ, 64  
KHM, 64  
KIR, 65  
KNA, 65  
KOR, 66  
KWT, 66
- LAO, 67  
LBN, 67  
LBR, 68  
LBY, 68  
LCA, 69  
LIE, 69  
LKA, 70  
LSO, 70  
LTU, 71  
LUX, 71  
LVA, 72
- MAC, 72  
MAR, 73
- MCO, 73  
MDA, 74  
MDG, 74  
MDV, 75  
MEX, 75  
MHL, 76  
MKD, 76  
MLI, 77  
MLT, 77  
MMR, 78  
MNE, 78  
MNG, 79  
MNP, 79  
MOZ, 80  
MRT, 80  
MSR, 81  
MTQ, 81  
MUS, 82  
MWI, 82  
MYS, 83  
MYT, 83
- NAM, 84  
NCL, 84  
NER, 85  
NGA, 85  
NIC, 86  
NIU, 86  
NLD, 87  
NOR, 87  
NPL, 88  
NRU, 88  
NZL, 89
- OMN, 89
- PAK, 90  
PAN, 90  
PCN, 91  
PER, 91  
PHL, 92  
PLW, 92  
PNG, 93  
POL, 93  
PRI, 94  
PRT, 94  
PRY, 95  
PSE, 95  
PYF, 96
- QAT, 96
- REU, 97



RKS, [97](#)  
ROU, [98](#)  
RUS, [98](#)  
RWA, [99](#)

SAU, [99](#)  
SDN, [100](#)  
SEN, [100](#)  
SGP, [101](#)  
SHN, [101](#)  
SLB, [102](#)  
SLE, [102](#)  
SLV, [103](#)  
SMR, [103](#)  
SOM, [104](#)  
SRB, [104](#)  
SSD, [105](#)  
STP, [105](#)  
SUR, [106](#)  
SVK, [106](#)  
SVN, [107](#)  
SWE, [107](#)  
SWZ, [108](#)  
SXM, [108](#)  
SYC, [109](#)  
SYR, [109](#)

TCA, [110](#)  
TCD, [110](#)  
TGO, [111](#)  
THA, [111](#)  
TJK, [112](#)  
TKL, [112](#)  
TKM, [113](#)  
TLS, [113](#)  
TON, [114](#)  
TTO, [114](#)  
TUN, [115](#)  
TUR, [115](#)  
TUV, [116](#)  
TWN, [116](#)  
TZA, [117](#)

UGA, [117](#)  
UKR, [118](#)  
URY, [118](#)  
USA, [119](#)  
UZB, [119](#)

VAT, [120](#)  
VCT, [120](#)  
VEN, [121](#)  
VGB, [121](#)

VIR, [122](#)  
VNM, [122](#)  
VUT, [123](#)

WLF, [123](#)  
WSM, [124](#)

YEM, [124](#)

ZAF, [125](#)  
ZMB, [126](#)  
ZWE, [126](#)