

Coronavirus disease (COVID-19)

Situation Report – 185

Data as received by WHO from national authorities by 10:00 CEST, 23 July 2020

Highlights

In a [joint effort to enhance research and development related to the use of traditional medicines for COVID-19 in Africa](#), the WHO Regional Office for Africa and the Africa Centres for Disease Control and Prevention (Africa CDC) have launched an expert advisory committee to provide independent scientific advice and support to countries on the safety, efficacy and quality of traditional medicine therapies.

[WHO Regional Director for Europe Dr Hans Henri P. Kluge has signed an agreement for a new centre of excellence and visited Gaziantep, marking 60 years of cooperation with Turkey.](#) Dr Kluge and Dr Fahrettin Koca, Turkey's Minister of Health, also discussed Turkey's response to the COVID-19 pandemic, as well as improving the pandemic situation in Turkey with the country's Scientific Advisory Board for COVID-19.

[The Federated States of Micronesia \(FSM\) is one of the few countries where there have not been any COVID-19 cases reported.](#) Since early January, the WHO Regional Office for the Western Pacific has been working with the government and partners to support FSM to prepare for COVID-19 with a special focus on empowering local communities.

[WHO, UNDP, UNAIDS and the O'Neill Institute for National and Global Health Law at Georgetown University, have jointly launched an initiative called COVID-19 Law Lab.](#) The [COVID-19 Law Lab](#) gathers and shares legal documents related to COVID-19 from over 190 countries across the world to help countries establish and implement strong legal frameworks to manage the pandemic.

Today, we include two reports in the 'Subject in Focus' below. The first provides information on the 'Working group on [SARS-COV-2 genetic sequence evolution](#)'. The second provides an update on the '[COVID-19 Supply chain system](#)'.

Situation in numbers (by WHO Region)

Total (new cases in last 24 hours)

Globally	15 012 731 cases (247 225)	619 150 deaths (7 097)
Africa	642 387 cases (18 536)	10 789 deaths (632)
Americas	7 948 513 cases (137 386)	317 962 deaths (4 153)
Eastern Mediterranean	1 429 084 cases (14 622)	36 118 deaths (490)
Europe	3 147 860 cases (22 909)	208 970 deaths (501)
South-East Asia	1 571 317 cases (50 537)	37 203 deaths (1 312)
Western Pacific	272 829 cases (3 235)	8 095 deaths (9)

Subject in Focus 1: Working group on SARS-CoV-2 genetic sequence evolution

Genomic sequencing in early January 2020 in China supported the identification of SARS-CoV-2, the virus that causes COVID-19 disease. The sharing of the genomic sequence on an accessible database enabled the rapid development, validation and distribution of SARS-CoV-2 diagnostic assays in January, which are now routinely used to diagnose COVID-19. The number of genomic sequences generated and shared during the pandemic has occurred at an unprecedented speed, largely through different genetic sequencing platforms, including the [GISAID Initiative](#). As of 23 July 2020, over 70 000 sequences are available on GISAID.

Genomic sequence data, in combination with epidemiological and clinical data, aids the pandemic response and informs the public health and social measures to be used to counter the spread of the virus. The sharing of genetic sequencing data is also important because it enables the evolution of SARS-CoV-2 to be studied over time. Tracking genetic sequence evolution allows scientists to identify changes, called mutations, that may occur in the SARS-CoV-2 virus. These changes are expected as viruses naturally change over time. However, it is critical to understand if any mutations may result in changes in the behavior of the virus, specifically changes in transmissibility, severity and/or the effectiveness of countermeasures, such as future vaccines or therapeutics. In addition, changes need to be monitored for their impact on diagnostic tests.

One such mutation that is currently of interest is called the “D614G” mutation, which was first observed in February 2020 in a number of countries, and is now present in SARS-CoV-2 viruses that are widely distributed around the world. This variant has an amino acid change from Aspartate (D) to Glycine (G) in the spike protein. The spike protein is critical to the attachment and entry of the virus into human cells by attaching to the ACE2 receptor. It has been suggested that the “D614G” mutation might make the virus more transmissible and research is currently ongoing to assess this.

To coordinate efforts to identify and understand mutations in SARS-CoV-2 in a timely manner, WHO has established a working group on SARS-CoV-2 evolution as part of the WHO COVID-19 Reference Laboratory Expert Network. This working group will advise and support WHO in the timely detection and evaluation of potentially relevant mutations in SARS-CoV-2, and where needed, advise on possible strategies to reduce their impact. The first meeting of the WHO Working group on SARS-CoV-2 genetic sequence evolution was held in June 2020 and the working group continues to meet via teleconference.

Subject in Focus 2: COVID-19 Supply Chain System – Progress Update

Accessing the most critical supplies to respond to the COVID-19 outbreak has presented particular challenges for low- and middle-income countries with limited means to approach markets overwhelmed by unprecedented demand.

A collective effort by WHO, UN partner agencies, NGOs and donors has secured volumes of personal protective equipment (PPE), diagnostics and clinical care equipment from manufacturers, which are now being delivered to 143 low- and middle-income countries.

This pooled procurement process, coordinated by WHO, has resulted in significant increases in diagnostics, PPE and clinical care equipment delivered to countries over the past month.

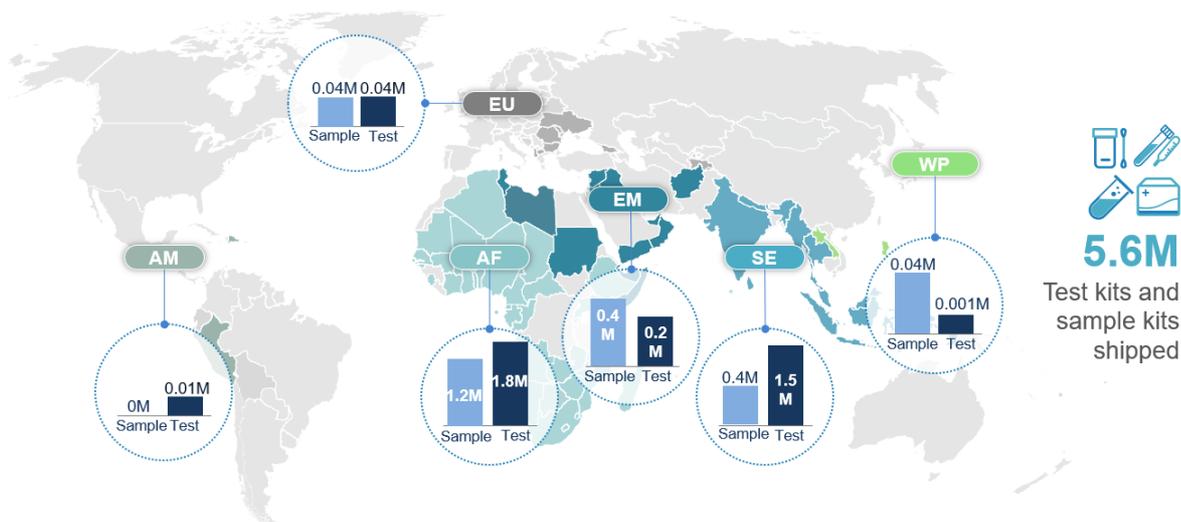
Diagnostics

WHO convened the Diagnostics Consortium – comprising WHO, WFP, UNICEF, UNDP, Unitaid, UN DOS, PAHO, Africa CDC, Global Fund, Global Drug Facility, World Bank, CHAI, FIND, Bill and Melinda Gates Foundation – in response to supply shortages that resulted from massive global demand at the onset of the COVID-19 outbreak. Over the past three months, the Consortium has worked to identify and negotiate with suppliers to secure diagnostic products to support low- and middle-income countries.

Through the Consortium, WHO, UNICEF and the Global Fund have procured 6.5 million polymerase chain reaction (PCR) tests and 5.6 million sample collection kits to date for allocation to 134 countries (Figure 1).

Figure: 1

Since June, the Diagnostics Consortium has increased shipments from 0.03 million to 5.6 million products shipped worldwide



The Consortium has also delivered nearly 2.5 million manual and automated polymerase chain reaction (PCR) tests to 44 countries, with another 1 million tests currently in transit. A total of 1.1 million sample collection kits have been delivered to 60 countries, and nearly 1 million kits are in transit. Efforts are ongoing to approach manufacturers to procure additional supplies to provide continuing support to countries through the COVID-19 pandemic.

The Consortium has started discussions to coordinate a procurement strategy and allocation criteria for Phase 2 of procurement (September to December 2020). As with Phase 1 (May to August 2020), efforts will remain focused on securing maximum supplies, ensuring equitable allocation and deliveries across countries, and encouraging transparency in procurement and distribution of supplies.

The consortium encourages countries and partners to submit diagnostic requests through the [COVID-19 Supply Chain Portal](#) and to include the funding source of the supplies requested.

The [Supply Chain catalogue for diagnostics](#) has been revised to provide information to countries on specific products available for procurement through the Portal. Technical review of additional manual tests are ongoing to expand the Supply Chain catalogue to provide more options to the countries.

To explain the Phase 1 allocation, the Consortium has developed several documents, including (i) [Technical Diagnostics FAQs](#), (ii) [Diagnostics Allocation FAQs](#), and (iii) [Diagnostic test reagent calculator](#).

Biomedical Equipment

Biomedical equipment procured to date:

- 14,000 oxygen concentrators (US\$ 12.4 million) of which 3960 have been shipped to 37 countries
- 9,720 pulse oximeters (US\$ 2.4 million)
- 2,925 patient monitors (US\$5.5 million)

COVID-19 Supply Portal

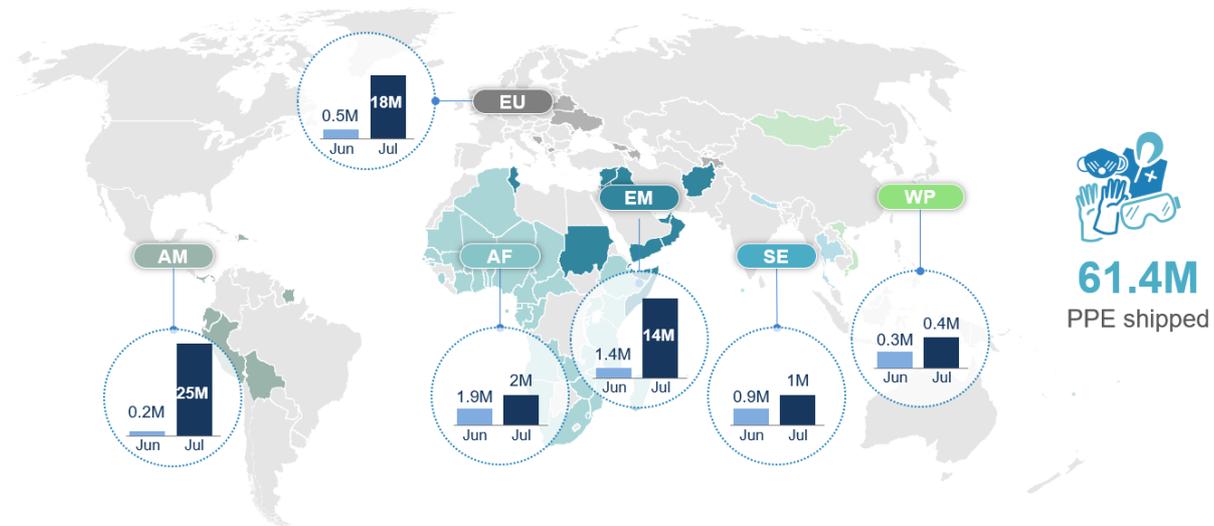
Since the launch of the COVID-19 Supply Portal, 83 countries have submitted 383 requests for supplies valued at US\$ 163 million.

PPE

Since 14 July 2020, WHO has shipped an additional 11 million pieces of PPE, bringing the total numbers shipped to 61.4 million pieces (Figure 2). A further 190 million pieces of PPE are being prepared in the warehouse to be shipped in the coming weeks.

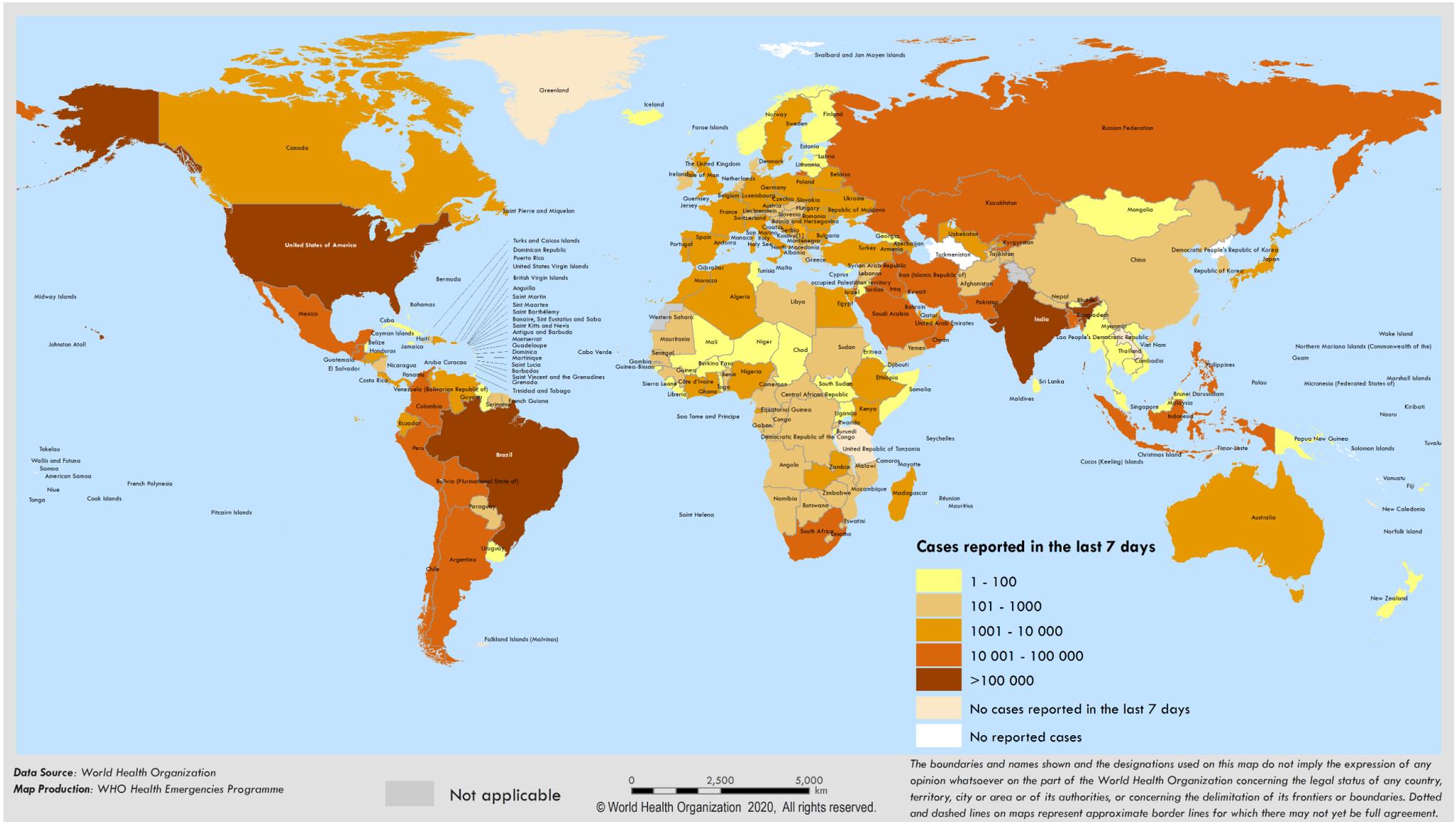
Figure: 2

Since June, WHO has increased the numbers of PPE shipped from 5 million to 61.4 million, providing for all WHO regions



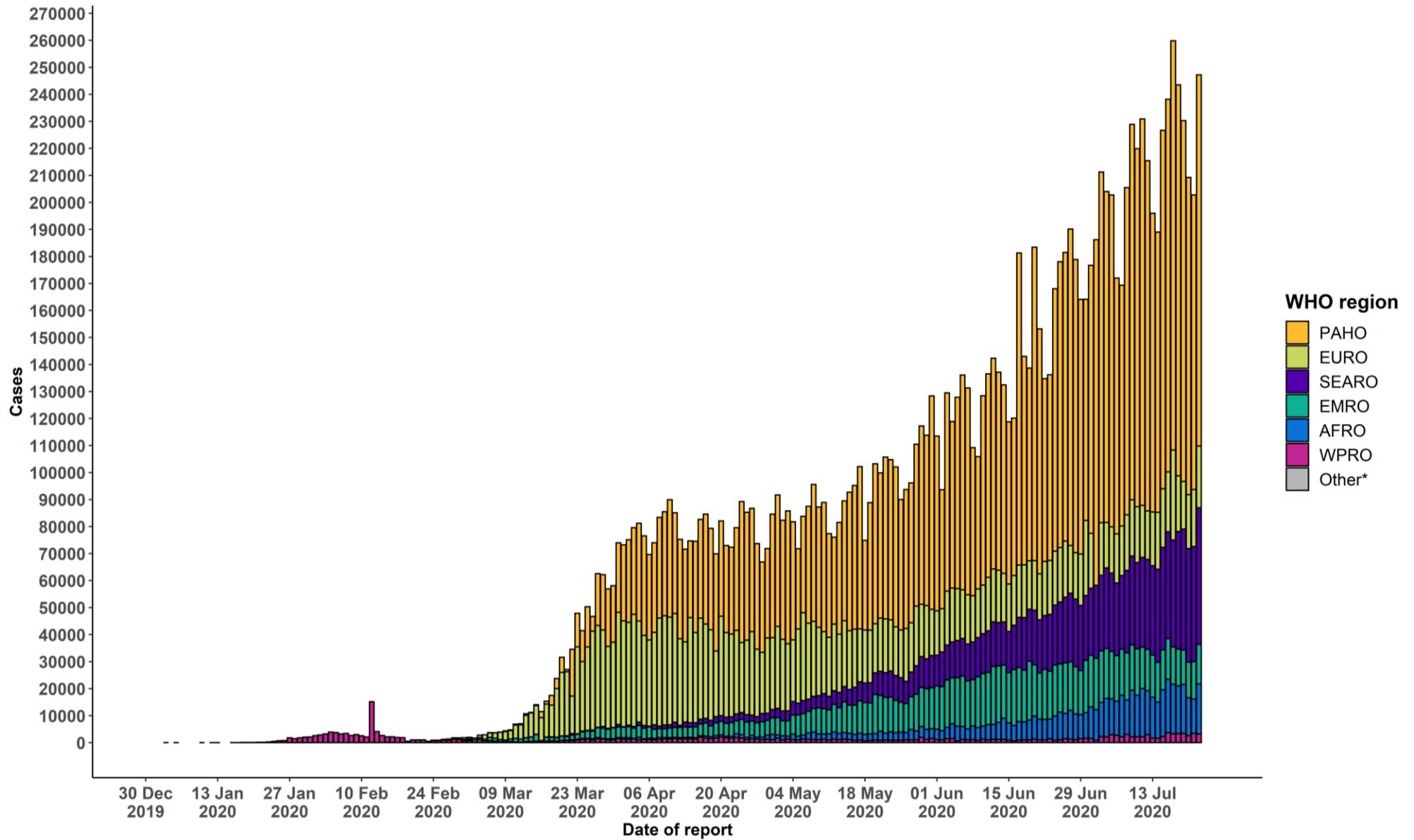
Surveillance

Figure 3. Number of confirmed* COVID-19 cases reported in the last seven days by country, territory or area, 17 July to 23 July **



**See [Annex 1](#) for data, table and figure notes.

Figure 4. Number of confirmed* COVID-19 cases, by date of report and WHO region, 30 December through 23 July**



**See [Annex 1](#) for data, table and figure notes.

Table 1. Countries, territories or areas with reported laboratory-confirmed* COVID-19 cases and deaths, by WHO region. Data as of 10 AM CEST, 23 July 2020**

Reporting Country/Territory/Area	Total confirmed* cases	Total confirmed* new cases	Total deaths	Total new deaths	Transmission classification ⁱ	Days since last reported case
Africa						
South Africa	394 948	13 150	5 940	572	Community transmission	0
Nigeria	38 344	543	813	8	Community transmission	0
Ghana	29 672	683	153	0	Community transmission	0
Algeria	24 872	594	1 111	11	Community transmission	0
Cameroon	16 522	0	382	0	Community transmission	2
Kenya	14 805	637	260	10	Community transmission	0
Côte d'Ivoire	14 733	202	93	0	Community transmission	0
Ethiopia	11 524	452	188	8	Community transmission	0
Senegal	9 121	136	177	3	Community transmission	0
Democratic Republic of the Congo	8 625	92	196	1	Community transmission	0
Madagascar	8 162	614	69	4	Community transmission	0
Guinea	6 747	122	41	0	Community transmission	0
Gabon	6 588	155	47	1	Community transmission	0
Mauritania	5 985	0	155	0	Community transmission	1
Central African Republic	4 574	13	57	2	Community transmission	0
Zambia	3 583	257	128	0	Community transmission	0
Malawi	3 302	153	76	5	Community transmission	0
Congo	2 934	83	51	1	Community transmission	0
Mali	2 494	17	123	1	Community transmission	0
Equatorial Guinea	2 350	0	41	0	Community transmission	6
South Sudan	2 239	28	45	0	Community transmission	0

Reporting Country/Territory/Area	Total confirmed* cases	Total confirmed* new cases	Total deaths	Total new deaths	Transmission classification ¹	Days since last reported case
Cabo Verde	2 154	47	21	0	Clusters of cases	0
Zimbabwe	2 034	214	26	0	Clusters of cases	0
Guinea-Bissau	1 954	0	26	0	Community transmission	2
Eswatini	1 938	44	25	1	Community transmission	0
Sierra Leone	1 731	4	66	0	Community transmission	0
Benin	1 690	0	34	0	Community transmission	1
Rwanda	1 689	34	5	0	Clusters of cases	0
Mozambique	1 557	21	11	0	Community transmission	0
Namibia	1 402	36	7	0	Clusters of cases	0
Niger	1 122	14	69	0	Community transmission	0
Liberia	1 114	6	70	0	Community transmission	0
Uganda	1 075	3	0	0	Clusters of cases	0
Burkina Faso	1 066	1	53	0	Community transmission	0
Chad	889	0	75	0	Community transmission	4
Angola	812	33	33	3	Clusters of cases	0
Togo	806	16	16	1	Community transmission	0
Sao Tome and Principe	747	1	14	0	Clusters of cases	0
Botswana	622	100	1	0	Clusters of cases	0
United Republic of Tanzania	509	0	21	0	Community transmission	76
Lesotho	359	0	6	0	Clusters of cases	5
Mauritius	343	0	10	0	Sporadic cases	9
Burundi	338	10	1	0	Clusters of cases	0
Comoros	337	0	7	0	Community transmission	1

Reporting Country/Territory/Area	Total confirmed* cases	Total confirmed* new cases	Total deaths	Total new deaths	Transmission classification ⁱ	Days since last reported case
Eritrea	251	0	0	0	Sporadic cases	6
Gambia	132	0	5	0	Sporadic cases	1
Seychelles	108	0	0	0	Sporadic cases	7
Territoriesⁱⁱ						
Mayotte	2 839	15	38	0	Clusters of cases	0
Réunion	645	6	3	0	Clusters of cases	0
Americas						
United States of America	3 868 453	62 929	141 479	1 042	Community transmission	0
Brazil	2 159 654	41 008	81 487	1 367	Community transmission	0
Peru	362 087	4 406	13 579	195	Community transmission	0
Mexico	356 255	6 859	40 400	915	Community transmission	0
Chile	336 402	1 719	8 722	45	Community transmission	0
Colombia	211 038	7 033	7 166	237	Community transmission	0
Argentina	136 118	5 344	2 506	80	Community transmission	0
Canada	111 697	573	8 862	4	Community transmission	0
Ecuador	77 257	1 040	5 418	52	Community transmission	0
Bolivia (Plurinational State of)	62 357	1 366	2 273	55	Community transmission	0
Dominican Republic	56 043	1 246	1 005	6	Community transmission	0
Panama	55 153	727	1 159	32	Community transmission	0
Guatemala	41 135	906	1 573	42	Community transmission	0
Honduras	35 345	734	988	53	Community transmission	0
El Salvador	12 975	393	363	11	Community transmission	0
Venezuela (Bolivarian Republic of)	12 774	440	120	4	Community transmission	0
Costa Rica	11 811	277	68	2	Community transmission	0

Reporting Country/Territory/Area	Total confirmed* cases	Total confirmed* new cases	Total deaths	Total new deaths	Transmission classification ⁱ	Days since last reported case
Haiti	7 146	46	154	3	Community transmission	0
Paraguay	3 817	69	35	2	Community transmission	0
Nicaragua	3 004	0	108	0	Community transmission	1
Cuba	2 462	13	87	0	Clusters of cases	0
Suriname	1 131	52	21	0	Clusters of cases	0
Uruguay	1 096	32	33	0	Clusters of cases	0
Jamaica	810	1	10	0	Clusters of cases	0
Guyana	339	2	19	0	Clusters of cases	0
Bahamas	194	20	11	0	Clusters of cases	0
Trinidad and Tobago	140	3	8	0	Sporadic cases	0
Barbados	106	0	7	0	Clusters of cases	1
Antigua and Barbuda	76	0	3	0	Clusters of cases	4
Saint Vincent and the Grenadines	50	0	0	0	Sporadic cases	2
Belize	43	1	2	0	Sporadic cases	0
Grenada	23	0	0	0	Clusters of cases	57
Saint Lucia	23	0	0	0	Sporadic cases	7
Dominica	18	0	0	0	Clusters of cases	40
Saint Kitts and Nevis	17	0	0	0	No cases	12
Territoriesⁱⁱ						
Puerto Rico	13 038	98	185	5	Community transmission	0
French Guiana	6 883	32	39	0	Community transmission	0
United States Virgin Islands	320	12	7	1	Clusters of cases	0
Martinique	262	0	15	0	Clusters of cases	4
Cayman Islands	203	0	1	0	Sporadic cases	8

Reporting Country/Territory/Area	Total confirmed* cases	Total confirmed* new cases	Total deaths	Total new deaths	Transmission classification ¹	Days since last reported case
Guadeloupe	195	0	14	0	Clusters of cases	5
Bermuda	153	0	9	0	Sporadic cases	3
Aruba	117	2	3	0	Sporadic cases	0
Turks and Caicos Islands	82	1	2	0	Clusters of cases	0
Sint Maarten	81	2	15	0	Sporadic cases	0
Saint Martin	46	0	3	0	Sporadic cases	5
Curaçao	28	0	1	0	Sporadic cases	5
Falkland Islands (Malvinas)	13	0	0	0	No cases	88
Montserrat	12	0	1	0	No cases	12
Bonaire, Sint Eustatius and Saba	10	0	0	0	Sporadic cases	6
British Virgin Islands	8	0	1	0	No cases	68
Saint Barthélemy	6	0	0	0	No cases	114
Saint Pierre and Miquelon	4	0	0	0	Sporadic cases	6
Anguilla	3	0	0	0	No cases	110
Eastern Mediterranean						
Iran (Islamic Republic of)	281 413	2 586	14 853	219	Community transmission	0
Pakistan	269 191	1 763	5 709	32	Clusters of cases	0
Saudi Arabia	258 156	2 331	2 601	44	Clusters of cases	0
Qatar	107 871	441	163	3	Community transmission	0
Iraq	99 865	2 706	4 042	92	Community transmission	0
Egypt	89 745	667	4 440	41	Clusters of cases	0
Oman	71 547	1 660	349	12	Community transmission	0
Kuwait	61 185	751	417	5	Clusters of cases	0
United Arab Emirates	57 734	236	342	1	Community transmission	0

Reporting Country/Territory/Area	Total confirmed* cases	Total confirmed* new cases	Total deaths	Total new deaths	Transmission classification ⁱ	Days since last reported case
Bahrain	37 637	321	130	1	Clusters of cases	0
Afghanistan	35 915	188	1 211	21	Clusters of cases	0
Morocco	17 962	220	285	5	Clusters of cases	0
Sudan	11 237	110	708	2	Community transmission	0
Djibouti	5 030	3	58	2	Clusters of cases	0
Somalia	3 161	26	93	0	Sporadic cases	0
Lebanon	3 105	125	43	2	Clusters of cases	0
Libya	2 176	88	53	3	Clusters of cases	0
Yemen	1 644	11	459	2	Community transmission	0
Tunisia	1 394	5	50	0	Sporadic cases	0
Jordan	1 276	7	11	0	Clusters of cases	0
Syrian Arab Republic	561	21	32	1	Community transmission	0
Territoriesⁱⁱ						
occupied Palestinian territory	11 279	356	69	2	Clusters of cases	0
Europe						
Russian Federation	795 038	5 848	12 892	147	Clusters of cases	0
The United Kingdom	296 381	560	45 501	79	Community transmission	0
Spain	267 551	1 357	28 426	2	Clusters of cases	0
Italy	245 032	280	35 082	9	Clusters of cases	0
Turkey	222 402	902	5 545	19	Community transmission	0
Germany	203 368	569	9 101	6	Clusters of cases	0
France	167 456	945	30 060	6	Clusters of cases	0
Sweden	78 504	338	5 667	21	Community transmission	0
Kazakhstan	76 799	1 646	585	0	Clusters of cases	0

Reporting Country/Territory/Area	Total confirmed* cases	Total confirmed* new cases	Total deaths	Total new deaths	Transmission classification ¹	Days since last reported case
Belarus	66 521	173	513	6	Community transmission	0
Belgium	64 534	276	9 808	3	Community transmission	0
Ukraine	61 851	856	1 551	17	Community transmission	0
Israel	54 369	1 988	427	8	Community transmission	0
Netherlands	52 241	168	6 139	3	Community transmission	0
Portugal	49 150	252	1 702	5	Clusters of cases	0
Poland	41 162	380	1 642	6	Community transmission	0
Romania	40 163	1 030	2 101	27	Community transmission	0
Armenia	36 162	469	688	10	Community transmission	0
Switzerland	33 796	141	1 692	2	Community transmission	0
Kyrgyzstan	30 326	967	1 169	46	Clusters of cases	0
Azerbaijan	28 633	391	385	9	Clusters of cases	0
Ireland	25 819	17	1 754	1	Clusters of cases	0
Serbia	22 031	426	499	8	Community transmission	0
Republic of Moldova	21 798	356	713	5	Community transmission	0
Austria	20 038	359	711	1	Community transmission	0
Uzbekistan	18 531	360	99	3	Clusters of cases	0
Czechia	14 570	246	364	4	Clusters of cases	0
Denmark	13 350	48	611	0	Community transmission	0
Bulgaria	9 584	330	321	8	Clusters of cases	0
North Macedonia	9 547	135	442	10	Clusters of cases	0
Bosnia and Herzegovina	9 116	330	267	6	Community transmission	0
Norway	9 053	15	255	0	Clusters of cases	0
Finland	7 362	11	328	0	Clusters of cases	0

Reporting Country/Territory/Area	Total confirmed* cases	Total confirmed* new cases	Total deaths	Total new deaths	Transmission classification ⁱ	Days since last reported case
Tajikistan	7 015	48	58	1	Pending	0
Luxembourg	5 854	129	111	0	Community transmission	0
Croatia	4 530	108	125	3	Clusters of cases	0
Hungary	4 380	14	596	0	Community transmission	0
Albania	4 358	68	120	3	Clusters of cases	0
Greece	4 077	29	200	3	Clusters of cases	0
Montenegro	2 261	91	39	4	Clusters of cases	0
Slovakia	2 058	37	28	0	Clusters of cases	0
Estonia	2 025	3	69	0	Clusters of cases	0
Slovenia	2 015	38	115	4	Clusters of cases	0
Lithuania	1 960	11	80	0	Community transmission	0
Iceland	1 840	1	10	0	Community transmission	0
Latvia	1 197	4	31	0	Clusters of cases	0
Georgia	1 085	12	16	0	Sporadic cases	0
Cyprus	1 040	0	19	0	Clusters of cases	1
Andorra	889	5	52	0	Community transmission	0
San Marino	716	0	42	0	Community transmission	13
Malta	679	2	9	0	Sporadic cases	0
Monaco	99	0	1	0	Sporadic cases	46
Liechtenstein	87	0	1	0	Sporadic cases	3
Holy See	12	0	0	0	Sporadic cases	77
Territoriesⁱⁱ						
Kosovo ^[1]	6 142 ^[1]	140	140	6	Community transmission	0

Reporting Country/Territory/Area	Total confirmed* cases	Total confirmed* new cases	Total deaths	Total new deaths	Transmission classification ¹	Days since last reported case
Isle of Man	336	0	24	0	No cases	62
Jersey	331	0	31	0	Community transmission	5
Guernsey	252	0	13	0	Community transmission	81
Faroe Islands	191	0	0	0	Sporadic cases	3
Gibraltar	180	0	0	0	Clusters of cases	12
Greenland	13	0	0	0	No cases	55
South-East Asia						
India	1 238 635	45 720	29 861	1 129	Clusters of cases	0
Bangladesh	213 254	2 744	2 751	42	Community transmission	0
Indonesia	91 751	1 882	4 459	139	Community transmission	0
Nepal	18 094	100	42	2	Clusters of cases	0
Thailand	3 269	8	58	0	Clusters of cases	0
Maldives	3 103	59	15	0	Clusters of cases	0
Sri Lanka	2 752	22	11	0	Clusters of cases	0
Myanmar	343	2	6	0	Clusters of cases	0
Bhutan	92	0	0	0	Sporadic cases	1
Timor-Leste	24	0	0	0	No cases	90
Western Pacific						
China	86 361	135	4 655	0	Clusters of cases	0
Philippines	72 269	1 505	1 843	6	Community transmission	0
Singapore	48 744	310	27	0	Clusters of cases	0
Japan	27 029	726	990	1	Clusters of cases	0
Republic of Korea	13 938	59	297	0	Clusters of cases	0

Reporting Country/Territory/Area	Total confirmed* cases	Total confirmed* new cases	Total deaths	Total new deaths	Transmission classification ⁱ	Days since last reported case
Australia	12 896	468	128	2	Clusters of cases	0
Malaysia	8 831	16	123	0	Clusters of cases	0
New Zealand	1 205	0	22	0	Clusters of cases	2
Viet Nam	408	7	0	0	Clusters of cases	0
Mongolia	287	0	0	0	Sporadic cases	4
Cambodia	198	1	0	0	Sporadic cases	0
Brunei Darussalam	141	0	3	0	No cases	76
Papua New Guinea	30	3	0	0	Sporadic cases	0
Fiji	27	0	0	0	Sporadic cases	2
Lao People's Democratic Republic	19	0	0	0	Sporadic cases	101
Territoriesⁱⁱ						
Guam	324	5	5	0	Clusters of cases	0
French Polynesia	62	0	0	0	Sporadic cases	25
Northern Mariana Islands (Commonwealth of the)	38	0	2	0	Pending	1
New Caledonia	22	0	0	0	Sporadic cases	8
Subtotal for all regions	15 011 990	247 225	619 137	7 097		
Other [†]	741	0	13	0	Not applicable	-
Grand total	15 012 731	247 225	619 150	7 097		

****See [Annex 1](#) for data, table and figure notes.**

Technical guidance and other resources

- To view all technical guidance documents regarding COVID-19, please go to [this webpage](#).
- Updates from WHO regional offices
 - [WHO AFRO](#)
 - [WHO PAHO](#)
 - [WHO EMRO](#)
 - [WHO SEARO](#)
 - [WHO EURO](#)
 - [WHO WPRO](#)
- [Research and Development](#)
- [Online courses on COVID-19](#) and in [additional national languages](#)
- [The Strategic Preparedness and Response Plan](#) (SPRP) outlining the support the international community can provide to all countries to prepare and respond to the virus
- [WHO Coronavirus Disease \(COVID-19\) Dashboard](#)
- [Weekly COVID-19 Operations Updates](#)

Recommendations and advice for the public

- [Protect yourself](#)
- [Questions and answers](#)
- [Travel advice](#)
- [EPI-WIN](#): tailored information for individuals, organizations and communities

Case definitions

WHO periodically updates the [Global Surveillance for human infection with coronavirus disease \(COVID-19\)](#) document which includes surveillance definitions.

Definition of COVID-19 death

A COVID-19 death is defined for surveillance purposes as a death resulting from a clinically compatible illness in a probable or confirmed COVID-19 case, unless there is a clear alternative cause of death that cannot be related to COVID-19 disease (e.g. trauma). There should be no period of complete recovery between the illness and death.

Further guidance for certification and classification (coding) of COVID-19 as cause of death is available [here](#) and [here](#).

Annex 1: Data, table and figure notes

Caution must be taken when interpreting all data presented. Differences are to be expected between information products published by WHO, national public health authorities, and other sources using different inclusion criteria and different data cut-off times. While steps are taken to ensure accuracy and reliability, all data are subject to continuous verification and change. Case detection, definitions, testing strategies, reporting practice, and lag times differ between countries/territories/areas. These factors, amongst others, influence the counts presented, with variable underestimation of true case and death counts, and variable delays to reflecting these data at global level.

The designations employed, and the presentation of these materials do not imply the expression of any opinion whatsoever on the part of WHO concerning the legal status of any country, territory or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement. Countries, territories and areas are arranged under the administering WHO region.

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[¹] All references to Kosovo should be understood to be in the context of the United Nations Security Council resolution 1244 (1999). In the map, number of cases of Serbia and Kosovo (UNSCR 1244, 1999) have been aggregated for visualization purposes.

*A small number of countries/territories/areas report combined probable and laboratory-confirmed cases; efforts are underway to identify these for notation in the data table. †Other: includes cases reported from international conveyances.

Due to the recent trend of countries conducting data reconciliation exercises which remove large numbers of cases or deaths from their total counts, WHO will now display such data as negative numbers in the “new cases” / “new deaths” columns as appropriate. This will aid readers in identifying when such adjustments occur. When additional details become available that allow the subtractions to be suitably apportioned to previous days, graphics will be updated accordingly. Prior situation reports will not be edited; see covid19.who.int for the most up-to-date data.

Additional table notes

ⁱ Transmission classification is based on a process of country/territory/area self-reporting. Classifications are reviewed on a weekly basis and may be revised as new information becomes available. Differing degrees of transmission may be present within countries/territories/areas; classification is based on the highest category reported within a country/territory/area. Categories:

- No cases: with no confirmed cases;
- Sporadic cases: with one or more cases, imported or locally detected;
- Clusters of cases: experiencing cases, clustered in time, geographic location and/or by common exposures;

- Community transmission: experiencing larger outbreaks of local transmission defined through an assessment of factors including, but not limited to: large numbers of cases not linkable to transmission chains; large numbers of cases from sentinel lab surveillance; and/or multiple unrelated clusters in several areas of the country/territory/area;
- Pending: transmission classification has not been reported to WHO.

ii “Territories” include territories, areas, overseas dependencies and other jurisdictions of similar status.

Country, territory, or area-specific notes, updates and errata

- **Update 23 July 2020, Montenegro:** Counts adjusted retrospectively by national authorities: case and death counts adjusted between 15 July and 22 July.