

Coronavirus disease (COVID-19)

Situation Report – 129

Data as received by WHO from national authorities by 10:00 CEST, 28 May 2020

Highlights

WHO has published an interim guidance on the [clinical management of COVID-19](#). This guidance document is intended for clinicians caring for COVID-19 patients during all phases of their disease.

WHO has published an interim guidance on [ethical considerations to guide the use of digital proximity tracking technologies for COVID-19 contact tracing](#). This document provides guidance to policy-makers and other stakeholders about the ethical and appropriate use of digital proximity tracking technologies for COVID-19.

WHO Regional Director for the Americas, Dr Carissa F. Etienne said [the response to the COVID-19 pandemic in the Region of the Americas must include chronic disease care](#), as 1 in 4 people are at increased risk of poor outcomes from COVID-19 due to underlying noncommunicable diseases.

In today's '[Subject in Focus](#)' below, key changes in the Clinical Management Guidance for COVID-19 are explored.

Situation in numbers (by WHO Region)

Total (new cases in last 24 hours)

Globally	5 593 631 cases (104 505)	353 334 deaths (4 221)
Africa	89 592 cases (3 777)	2 370 deaths (62)
Americas	2 556 479 cases (60 254)	148 412 deaths (2 584)
Eastern Mediterranean	461 824 cases (12 234)	11 621 deaths (169)
Europe	2 079 924 cases (18 096)	177 331 deaths (1 105)
South-East Asia	227 611 cases (9 088)	6 630 deaths (271)
Western Pacific	177 460 cases (1 056)	6 957 deaths (30)

Subject in Focus: Clinical case management

The updated [Clinical Management Guidance for COVID-19](#) was published on 27 May 2020. This guidance has been significantly expanded to ensure quality care and meet the needs of front-line clinicians caring for patients with COVID-19.

The guidance was updated with the following new sections: the COVID-19 care pathway, treatment of acute and chronic infections, management of neurological and mental manifestations, noncommunicable diseases, rehabilitation, palliative care, ethical principles, and reporting of death. The remaining sections have been substantially expanded.

- One of the key changes in the guidance is the recommendation to discontinue transmission-based precautions (including isolation) and release from the COVID-19 care pathway for symptomatic patients 10 days after symptom onset, plus an additional three days without symptoms (without fever and respiratory symptoms). In addition, it is important to note that, limited, published and pre-published information provides estimates on viral shedding of up to nine days for mild patients and up to approximately three weeks in hospitalized patients. There are also reports that patients can remain consistently polymerase chain reaction (PCR) positive for many weeks, or even test PCR positive days/weeks after a negative test, though preliminary evidence suggests that this is not infectious virus.
- Treatment of acute co-infections:
 - For suspected or confirmed mild COVID-19 cases, the use of antibiotic therapy or prophylaxis should not be used.
 - For suspected or confirmed moderate COVID-19 cases, antibiotics should not be prescribed unless there is clinical suspicion of a bacterial infection.
- Prevention of complications:
 - In patients (adults and adolescents) hospitalized with COVID-19, pharmacological prophylaxis should be used, such as low molecular weight heparin (e.g. enoxaparin), according to local and international standards, to prevent venous thromboembolism, when not contraindicated. For those with contraindications, use mechanical prophylaxis (intermittent pneumatic compression devices).

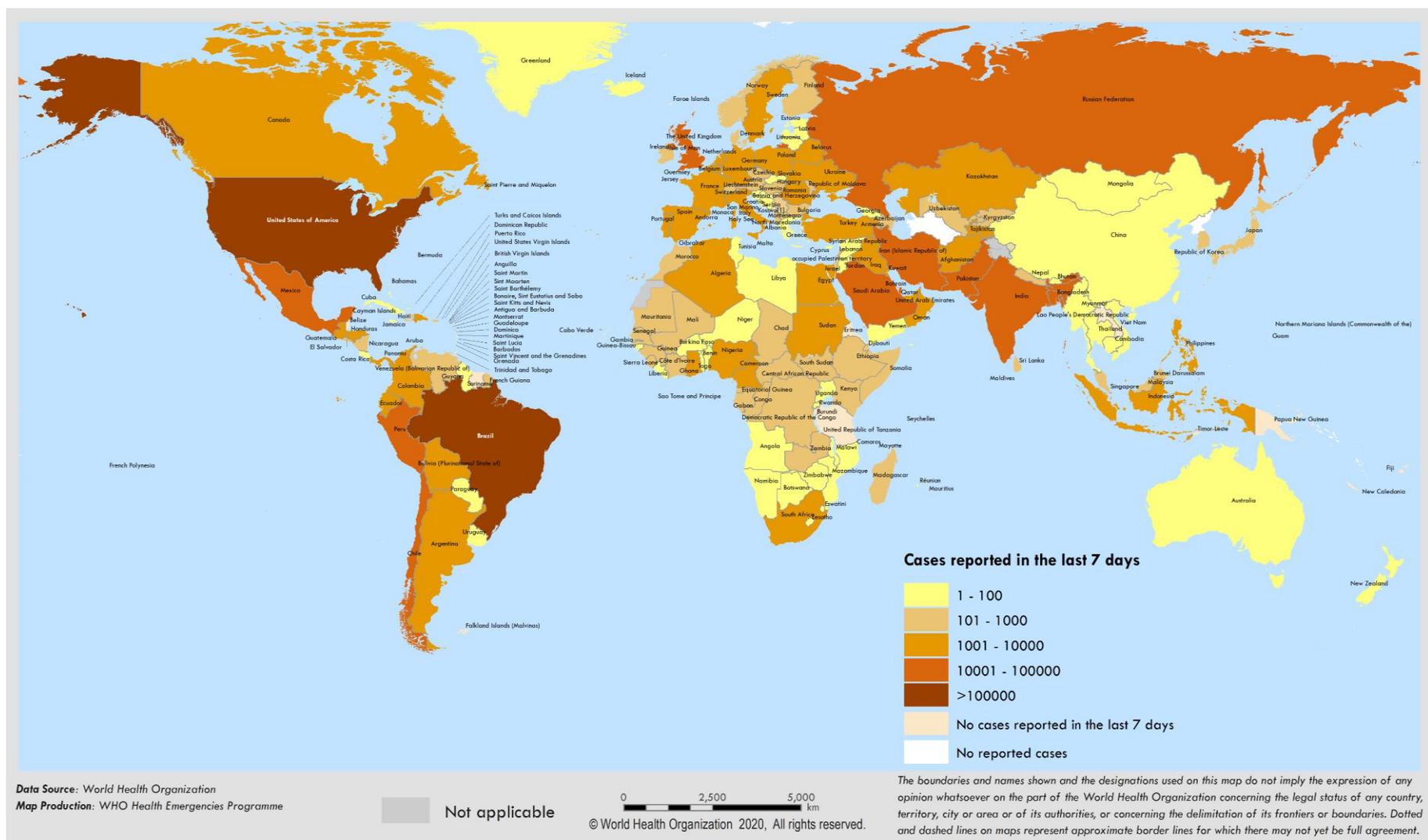
Importantly, key previous recommendations that remain are:

WHO recommends that the listed drugs including antivirals, immunomodulators and other adjunctive therapies should not be administered as treatment or prophylaxis for COVID-19, outside the context of clinical trials.

WHO recommends against the routine use of systemic corticosteroids for treatment of viral pneumonia.

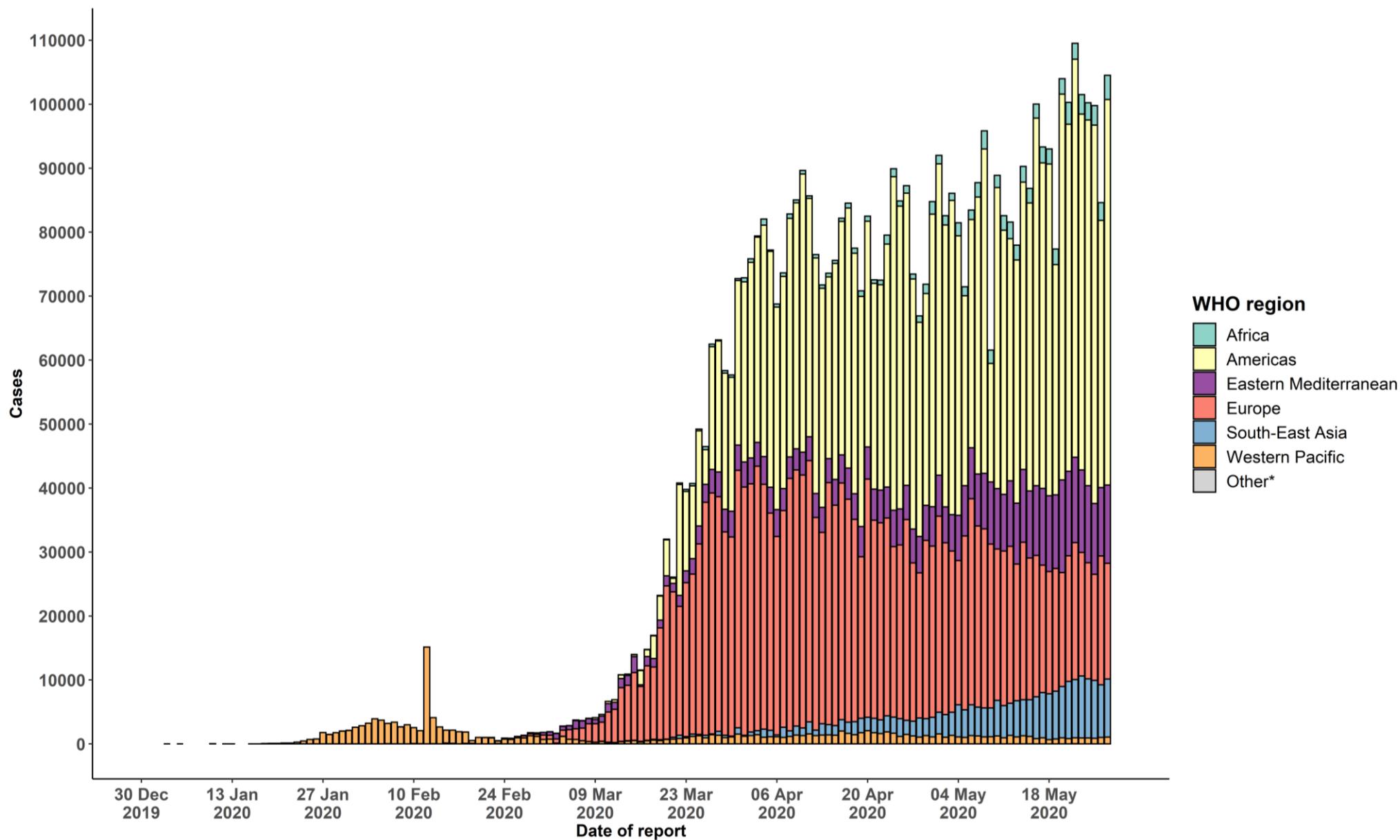
Surveillance

Figure 3. Number of confirmed COVID-19 cases reported in the last seven days by country, territory or area, 22 May to 28 May**



**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 2019 through 28 May 2020**



**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, 28 May 2020**

Reporting Country/ Territory/Area	Total confirmed cases	Total confirmed new cases	Total deaths	Total new deaths	Transmission classification ¹	Days since last reported case
Africa						
South Africa	25 937	1 673	552	28	Community transmission	0
Algeria	8 857	160	623	6	Community transmission	0
Nigeria	8 733	389	254	5	Community transmission	0
Ghana	7 303	339	34	2	Community transmission	0
Cameroon	5 436	0	177	0	Community transmission	1
Guinea	3 446	88	21	1	Community transmission	0
Senegal	3 253	92	39	2	Community transmission	0
Democratic Republic of the Congo	2 659	257	68	1	Community transmission	0
Côte d'Ivoire	2 556	79	31	1	Community transmission	0
Gabon	2 319	81	14	0	Community transmission	0
Kenya	1 471	123	55	3	Community transmission	0
Guinea-Bissau	1 173	0	6	0	Community transmission	3
Mali	1 116	39	70	0	Community transmission	0
Zambia	1 057	137	7	0	Community transmission	0
Equatorial Guinea	1 043	0	12	0	Community transmission	4
Niger	955	3	64	1	Community transmission	0
Burkina Faso	845	0	53	0	Community transmission	1
South Sudan	806	0	8	0	Clusters of cases	1
Sierra Leone	782	28	45	1	Community transmission	0
Ethiopia	731	30	6	0	Clusters of cases	0
Chad	715	15	64	2	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
Central African Republic	701	49	1	0	Clusters of cases	0
Madagascar	612	26	2	0	Clusters of cases	0
Congo	571	2	19	0	Community transmission	0
United Republic of Tanzania	509	0	21	0	Community transmission	20
Togo	395	4	13	0	Community transmission	0
Cabo Verde	390	0	4	0	Clusters of cases	2
Uganda	351	10	0	0	Sporadic cases	0
Rwanda	346	7	0	0	Sporadic cases	0
Mauritius	334	0	10	0	Clusters of cases	3
São Tomé and Príncipe	295	0	10	0	Clusters of cases	1
Mauritania	292	30	16	7	Clusters of cases	0
Eswatini	272	11	2	0	Clusters of cases	0
Liberia	266	0	27	1	Community transmission	1
Mozambique	227	14	1	0	Clusters of cases	0
Benin	210	2	3	0	Community transmission	0
Zimbabwe	132	76	4	0	Sporadic cases	0
Malawi	101	0	4	0	Clusters of cases	2
Angola	71	0	4	0	Clusters of cases	1
Comoros	43	0	2	1	Community transmission	3
Burundi	42	0	1	0	Clusters of cases	10
Eritrea	39	0	0	0	Sporadic cases	39
Botswana	35	0	1	0	Clusters of cases	3
Gambia	25	0	1	0	Sporadic cases	5

Reporting Country/ Territory/Area	Total confirmed cases	Total confirmed new cases	Total deaths	Total new deaths	Transmission classification ⁱ	Days since last reported case
Namibia	22	1	0	0	Sporadic cases	0
Seychelles	11	0	0	0	Clusters of cases	51
Lesotho	2	0	0	0	Sporadic cases	5
Territoriesⁱⁱ						
Mayotte	1 645	11	20	0	Clusters of cases	0
Réunion	460	1	1	0	Clusters of cases	0
Americas						
United States of America	1 658 896	24 886	98 119	590	Community transmission	0
Brazil	391 222	16 324	24 512	1 039	Community transmission	0
Peru	129 751	5 772	3 788	159	Community transmission	0
Canada	86 939	941	6 671	105	Community transmission	0
Chile	82 289	4 328	841	35	Community transmission	0
Mexico	74 560	3 455	8 134	501	Community transmission	0
Ecuador	38 103	447	3 275	54	Community transmission	0
Colombia	23 003	1 022	776	26	Community transmission	0
Dominican Republic	15 723	459	474	6	Community transmission	0
Argentina	13 228	600	492	21	Community transmission	0
Panama	11 447	264	313	3	Community transmission	0
Bolivia (Plurinational State of)	7 136	476	274	13	Community transmission	0
Honduras	4 401	212	188	6	Community transmission	0
Guatemala	3 954	194	63	4	Community transmission	0
El Salvador	2 109	67	37	1	Community transmission	0
Cuba	1 974	11	82	0	Clusters of cases	0
Venezuela (Bolivarian Republic of)	1 245	68	11	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
Haiti	1 174	111	33	2	Community transmission	0
Costa Rica	956	5	10	0	Clusters of cases	0
Paraguay	884	7	11	0	Community transmission	0
Uruguay	789	2	22	0	Clusters of cases	0
Nicaragua	759	480	35	18	Community transmission	0
Jamaica	564	8	9	0	Clusters of cases	0
Guyana	139	2	11	0	Clusters of cases	0
Trinidad and Tobago	116	0	8	0	Sporadic cases	30
Bahamas	100	0	11	0	Clusters of cases	3
Barbados	92	0	7	0	Clusters of cases	3
Antigua and Barbuda	25	0	3	0	Clusters of cases	24
Grenada	23	0	0	0	Clusters of cases	1
Belize	18	0	2	0	Sporadic cases	43
Saint Lucia	18	0	0	0	Sporadic cases	23
Saint Vincent and the Grenadines	18	0	0	0	Sporadic cases	7
Dominica	16	0	0	0	Clusters of cases	47
Saint Kitts and Nevis	15	0	0	0	Sporadic cases	37
Suriname	11	0	1	0	Sporadic cases	9
Territoriesⁱⁱ						
Puerto Rico	3 397	73	129	0	Community transmission	0
French Guiana	384	31	1	0	Clusters of cases	0
Martinique	197	0	14	0	Clusters of cases	5
Guadeloupe	161	0	14	0	Clusters of cases	2
Bermuda	139	6	9	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
Cayman Islands	137	3	1	0	Clusters of cases	0
Aruba	101	0	3	0	Sporadic cases	22
Sint Maarten	78	0	15	0	Sporadic cases	14
United States Virgin Islands	69	0	6	0	Clusters of cases	17
Saint Martin	40	0	3	0	Sporadic cases	1
Curaçao	18	0	1	0	Sporadic cases	1
Falkland Islands (Malvinas)	13	0	0	0	Clusters of cases	32
Turks and Caicos Islands	12	0	1	0	Sporadic cases	30
Montserrat	11	0	1	0	Sporadic cases	44
British Virgin Islands	8	0	1	0	Sporadic cases	12
Bonaire, Sint Eustatius and Saba	7	0	0	0	No cases	2
Saint Barthélemy	6	0	0	0	Sporadic cases	58
Anguilla	3	0	0	0	Sporadic cases	54
Saint Pierre and Miquelon	1	0	0	0	Sporadic cases	50
Eastern Mediterranean						
Iran (Islamic Republic of)	141 591	2 080	7 564	56	Community transmission	0
Saudi Arabia	78 541	1 815	425	14	Clusters of cases	0
Pakistan	61 227	2 076	1 260	35	Clusters of cases	0
Qatar	48 947	1 740	30	2	Community transmission	0
United Arab Emirates	31 969	883	255	2	Pending	0
Kuwait	23 267	692	175	3	Clusters of cases	0
Egypt	19 666	910	816	19	Clusters of cases	0
Afghanistan	13 016	637	235	9	Clusters of cases	0
Bahrain	9692	326	15	1	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
Oman	8 373	255	39	2	Clusters of cases	0
Morocco	7 601	24	202	0	Clusters of cases	0
Iraq	5 135	287	175	6	Clusters of cases	0
Sudan	4 346	200	195	11	Community transmission	0
Djibouti	2 697	229	18	4	Clusters of cases	0
Somalia	1 731	20	67	0	Sporadic cases	0
Lebanon	1 161	21	26	0	Clusters of cases	0
Tunisia	1 051	0	48	0	Community transmission	3
Jordan	720	2	9	0	Clusters of cases	0
Yemen	260	7	54	4	Pending	0
Syrian Arab Republic	121	0	4	0	Community transmission	1
Libya	99	22	4	1	Clusters of cases	0
Territoriesⁱⁱ						
occupied Palestinian territory	613	8	5	0	Clusters of cases	0
Europe						
Russian Federation	379 051	8 371	4 142	174	Clusters of cases	0
The United Kingdom	267 244	2 013	37 460	412	Community transmission	0
Spain	237 141	510	29 036	1	Community transmission	0
Italy	231 139	584	33 072	117	Community transmission	0
Germany	179 717	353	8 411	62	Community transmission	0
Turkey	159 797	1 035	4 431	34	Community transmission	0
France	142 852	148	28 543	66	Community transmission	0
Belgium	57 592	137	9 364	30	Community transmission	0
Netherlands	45 768	190	5 871	15	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
Belarus	38 956	897	214	6	Community transmission	0
Sweden	35 088	648	4 220	95	Community transmission	0
Portugal	31 292	285	1 356	14	Community transmission	0
Switzerland	30 693	15	1 648	1	Community transmission	0
Ireland	24 803	68	1 631	16	Community transmission	0
Poland	22 473	399	1 028	4	Community transmission	0
Ukraine	22 382	477	669	11	Community transmission	0
Romania	18 594	165	1 219	9	Community transmission	0
Israel	16 771	28	281	0	Pending	0
Austria	16 515	18	645	2	Community transmission	0
Denmark	11 480	52	565	2	Community transmission	0
Serbia	11 275	48	240	1	Pending	0
Kazakhstan	9 576	272	37	0	Pending	0
Czechia	9 086	36	317	0	Clusters of cases	0
Norway	8 383	19	235	0	Clusters of cases	0
Armenia	8 216	442	113	15	Community transmission	0
Republic of Moldova	7 537	232	276	3	Community transmission	0
Finland	6 692	64	313	1	Pending	0
Azerbaijan	4 568	165	54	2	Clusters of cases	0
Luxembourg	4 001	6	110	0	Clusters of cases	0
Hungary	3 816	23	509	4	Community transmission	0
Tajikistan	3 424	158	47	0	Pending	0
Uzbekistan	3 396	63	14	0	Clusters of cases	0
Greece	2 903	11	173	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
Bulgaria	2 460	0	133	0	Clusters of cases	1
Bosnia and Herzegovina	2 415	0	149	0	Community transmission	1
Croatia	2 244	0	101	0	Community transmission	3
North Macedonia	2 040	25	119	3	Clusters of cases	0
Estonia	1 840	6	66	1	Pending	0
Iceland	1 805	1	10	0	Community transmission	0
Lithuania	1 647	8	66	1	Community transmission	0
Kyrgyzstan	1 594	74	16	0	Clusters of cases	0
Slovakia	1 515	2	28	0	Clusters of cases	0
Slovenia	1 471	2	107	1	Clusters of cases	0
Albania	1 076	26	33	0	Clusters of cases	0
Latvia	1 057	4	23	1	Clusters of cases	0
Cyprus	939	0	17	0	Clusters of cases	1
Andorra	763	0	51	0	Community transmission	4
Georgia	738	3	12	0	Community transmission	0
San Marino	672	0	42	0	Community transmission	6
Malta	615	4	7	1	Sporadic cases	0
Montenegro	324	0	9	0	Clusters of cases	22
Monaco	98	0	1	0	Sporadic cases	4
Liechtenstein	83	0	1	0	Pending	32
Holy See	12	0	0	0	Sporadic cases	21
Territoriesⁱⁱ						
Kosovo ^[1]	1 047	9	30	0	Community transmission	0
Isle of Man	336	0	24	0	Pending	6

Reporting Country/ Territory/Area	Total confirmed cases	Total confirmed new cases	Total deaths	Total new deaths	Transmission classification ¹	Days since last reported case
Jersey	307	0	29	0	Community transmission	1
Guernsey	252	0	13	0	Community transmission	25
Faroe Islands	187	0	0	0	Pending	34
Gibraltar	154	0	0	0	Clusters of cases	3
Greenland	12	0	0	0	Pending	2
South-East Asia						
India	158 333	6 566	4 531	194	Clusters of cases	0
Bangladesh	38 292	1 541	544	22	Clusters of cases	0
Indonesia	23 851	686	1 473	55	Community transmission	0
Thailand	3 065	11	57	0	Clusters of cases	0
Sri Lanka	1 469	150	10	0	Clusters of cases	0
Maldives	1 457	19	5	0	Clusters of cases	0
Nepal	886	114	4	0	Sporadic cases	0
Myanmar	206	0	6	0	Clusters of cases	1
Bhutan	28	1	0	0	Sporadic cases	0
Timor-Leste	24	0	0	0	Clusters of cases	34
Western Pacific						
China	84 547	3	4 645	0	Clusters of cases	0
Singapore	32 876	533	23	0	Clusters of cases	0
Japan	16 683	32	867	9	Clusters of cases	0
Philippines	15 049	380	904	18	Community transmission	0
Republic of Korea	11 344	79	269	0	Clusters of cases	0
Malaysia	7 619	15	115	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	7 139	6	103	1	Clusters of cases	0
New Zealand	1 154	0	22	1	Clusters of cases	6
Viet Nam	327	0	0	0	Clusters of cases	1
Mongolia	148	7	0	0	Sporadic cases	0
Brunei Darussalam	141	0	2	1	Clusters of cases	20
Cambodia	124	0	0	0	Sporadic cases	5
Lao People's Democratic Republic	19	0	0	0	Sporadic cases	45
Fiji	18	0	0	0	Sporadic cases	37
Papua New Guinea	8	0	0	0	Sporadic cases	35
Territoriesⁱⁱ						
Guam	164	1	5	0	Clusters of cases	0
French Polynesia	60	0	0	0	Sporadic cases	22
Northern Mariana Islands (Commonwealth of the)	22	0	2	0	Pending	6
New Caledonia	18	0	0	0	Sporadic cases	55
Subtotal for all regions	5 592 890	104 505	353 321	4 221		
Other*	741	0	13	0	Not applicable	-
Grand total	5 593 631	104 505	353 334	4 221		

**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 EMRO](#)
 - [WHO EURO](#)
 - [WHO PAHO](#)
 - [WHO SEARO](#)
 - [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 Health Emergency 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

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](#).

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.

The mention of specific companies or of certain manufacturers' products does not imply that they are endorsed or recommended by WHO in preference to others of a similar nature that are not mentioned. Errors and omissions excepted, the names of proprietary products are distinguished by initial capital letters.

^[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.

Counts reflect laboratory-confirmed cases and deaths, based on [WHO case definitions](#), unless stated otherwise (see Country, territory, or area-specific updates and errata), and include both domestic and repatriated cases.

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, may be revised as new information becomes available, and are based on the highest category reported. Differing degrees of transmission may be present within countries/territories/areas. 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 updates and errata

- **Update 28 May 2020, Ecuador:** Number of cases adjusted retrospectively by national authorities: 301 cases and 18 deaths have been included.