

Coronavirus disease (COVID-19)

Situation Report – 115

Data as received by WHO from national authorities by 10:00 CEST, 14 May 2020

Highlights

Lesotho reported its first case of COVID-19.

WHO has published an interim guidance document on [Laboratory biosafety](#) for testing of clinical specimens of patients that meet the case definition of coronavirus disease (COVID-19).

WHO Director-General Dr. Tedros in his [media briefing](#) yesterday, highlighted the urgent need for all countries to invest in strong health systems and primary healthcare, as the best defence against outbreaks like COVID-19. The [World Health Statistics](#) published by WHO, show that people around the world are living longer and healthier lives overall with the biggest gains in low-income countries. However, the report also shows that the rate of progress is too slow to meet the Sustainable Development Goals and will be further thrown off track by COVID-19.

WHO announced the launch of the [WHO Academy and the WHO info mobile applications](#). The WHO Academy app is designed to support health workers during COVID-19 while the WHO Info app will provide the general public with real-time mobile access to the latest news and developments.

In the light of overcrowding in many places of detention, which undermines hygiene, health, safety and human dignity, [UNODC, WHO, UNAIDS and OHCHR released a joint statement on COVID-19 in prisons and other closed settings](#) to urgently draw the attention of political leaders to the heightened vulnerability of prisoners and other people deprived of liberty due to COVID-19 pandemic.

Situation in numbers (by WHO Region)

Total (new cases in last 24 hours)

Globally	4 248 389 cases (77 965)	292 046 deaths (4 647)
Africa	51 752 cases (2 323)	1 567 deaths (67)
Americas	1 819 553 cases (37 989)	109 121 deaths (2 617)
Eastern Mediterranean	293 805 cases (9 535)	9 389 deaths (130)
Europe	1 801 668 cases (21 352)	161 413 deaths (1 614)
South-East Asia	116 617 cases (5 685)	3 921 deaths (175)
Western Pacific	164 282 cases (1 081)	6 622 deaths (44)

Subject in Focus: Cleaning and Disinfection of Environmental Surfaces

Like other coronaviruses, severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is an enveloped virus with an outer lipid envelope, which makes it more susceptible to disinfectants compared to non-enveloped viruses such as rotavirus, norovirus, and poliovirus.¹ The virus that causes COVID-19 is transmitted mainly through close contact and respiratory droplets, with possible airborne transmission in settings where procedures that can generate aerosol are performed.² Although fomites and contaminated surfaces have yet to be conclusively linked to transmission of SARS-CoV-2, demonstration of surface contamination in healthcare settings³ and experiences with surface contamination linked to subsequent infection transmission in other coronaviruses, have informed the development of cleaning and disinfection recommendations to mitigate the potential of fomite transmission of SARS-CoV-2 in healthcare³ and non-healthcare settings.⁴

In healthcare settings, environmental surfaces include the surfaces of furniture and other fixed items (e.g. tables, chairs, walls, light switches, computer peripherals) as well as the surfaces of non-critical medical equipment (equipment that only comes into contact with intact skin, such as blood pressure cuffs, wheelchairs, incubators).⁶ These surfaces should be frequently cleaned with water and detergent and followed by application of a disinfectant. Among the most common disinfectants used which have been demonstrated to be effective against SARS-CoV-2 are: ethanol 70-90%; chlorine-based products (e.g., hypochlorite) at 0.1% (1000 ppm) for general environmental disinfection or 0.5% (5000 ppm) for blood and body fluids large spills; or hydrogen peroxide >0.5%.⁵⁻⁶ The minimal time recommended of exposition to the surface for these disinfectants is one minute¹ or according to the manufacturer instructions. In non-healthcare settings, environmental surfaces include furniture and other fixed items, such as counter tops, stairway rails, as well as floors and walls. Disinfectants should be applied to high touch surfaces to reduce potential SARS-CoV-2 contamination in community settings where the risk of contamination is unknown (e.g. gyms, offices, restaurants, accommodation sector) as well as in households and non-traditional facilities where individuals with suspected or confirmed COVID-19 disease are accommodated.

In indoor spaces, routine application of disinfectants to environmental surfaces via spraying or fogging (also known as fumigation or misting) is not recommended. Spraying environmental surfaces in both health care and non-healthcare settings (e.g. patient households) with disinfectants will not be effective and may pose harm to individuals.⁷⁻¹⁰ If disinfectants are to be applied, manual surface cleaning with detergent and water using applied friction (e.g. brushing, scrubbing) must be performed first to ensure physical removal of organic materials, followed by use of a cloth or wipe which is soaked in the disinfectant.

Spraying or fumigation of outdoor spaces (such as streets, sidewalks, walkways or marketplaces), is not recommended to remove or inactivate SARS-CoV-2 or other pathogens. Streets and sidewalks are not considered as routes of infection for COVID-19. Moreover, disinfectants are inactivated by dirt and debris, and it is not feasible to manually clean and remove all organic matter from such spaces. Even in the absence of organic matter, chemical spraying is unlikely to adequately cover all surfaces for the duration of the required contact time to inactivate pathogens.

Spraying individuals with disinfectants (such as in a tunnel, cabinet, or chamber) is not recommended under any circumstances. This practice could be physically and psychologically harmful and would not reduce an infected person's ability to spread the virus through droplets or contact. The toxic effect of spraying with chemicals such as chlorine on individuals can lead to eye and skin irritation, bronchospasm due to inhalation, and potentially gastrointestinal effects such as nausea and vomiting.^{9,11}

The role of fomites as a mode of transmission of COVID-19 in general, and the necessity of disinfection practices to mitigate transmission of the virus outside of healthcare environments is currently unknown. However, infection prevention and control principles designed to mitigate the spread of pathogens in health settings, including cleaning and disinfection practices, have been widely adapted in current guidance to be applied in non-healthcare setting environments.¹²⁻²¹ In all settings, including settings where resource limitations may not permit cleaning and disinfection to be performed regularly, frequent

hand washing and avoiding touching of the face should be considered the primary prevention approach to mitigate the suspected mode of transmission associated with surface contamination.²²

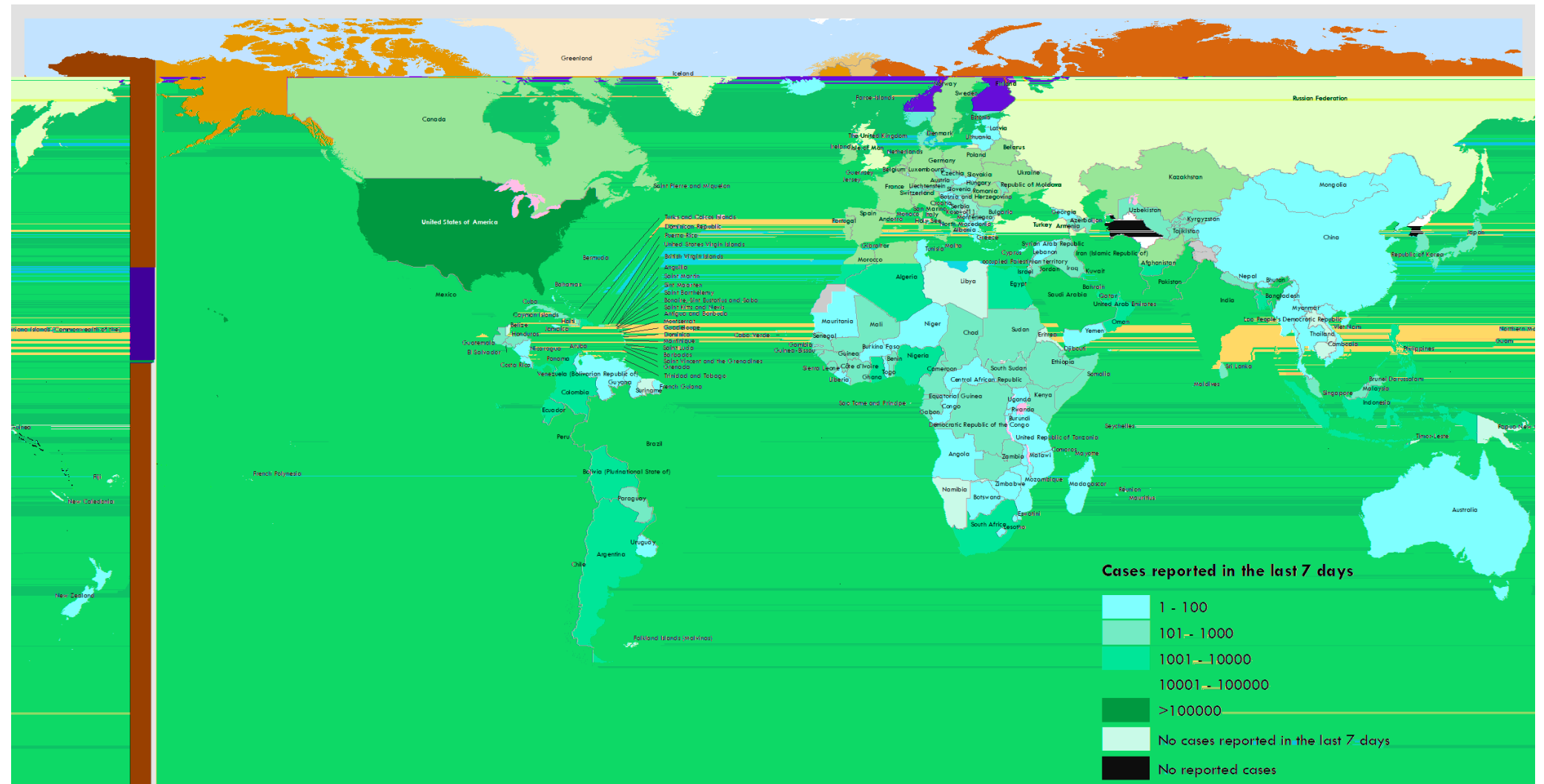
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Surveillance

Figure 1. Number of confirmed COVID-19 cases reported in the last seven days by country, territory or area, 8 May to 14 May**



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Data Source: World Health Organization
Map Production: WHO Health Emergencies Programme

Not applicable

0 2,500 5,000 km
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The boundaries and names shown and the designations used on this map do not imply
opinion whatsoever on the part of the World Health Organization concerning the legi
territory, city or area or of its authorities, or concerning the delimitation of its frontier
and dashed lines on maps represent approximate border lines for which there may not

Figure 2. Number of confirmed COVID-19 cases, by date of report and WHO region, 30 December 2019 through 14 May 2020**

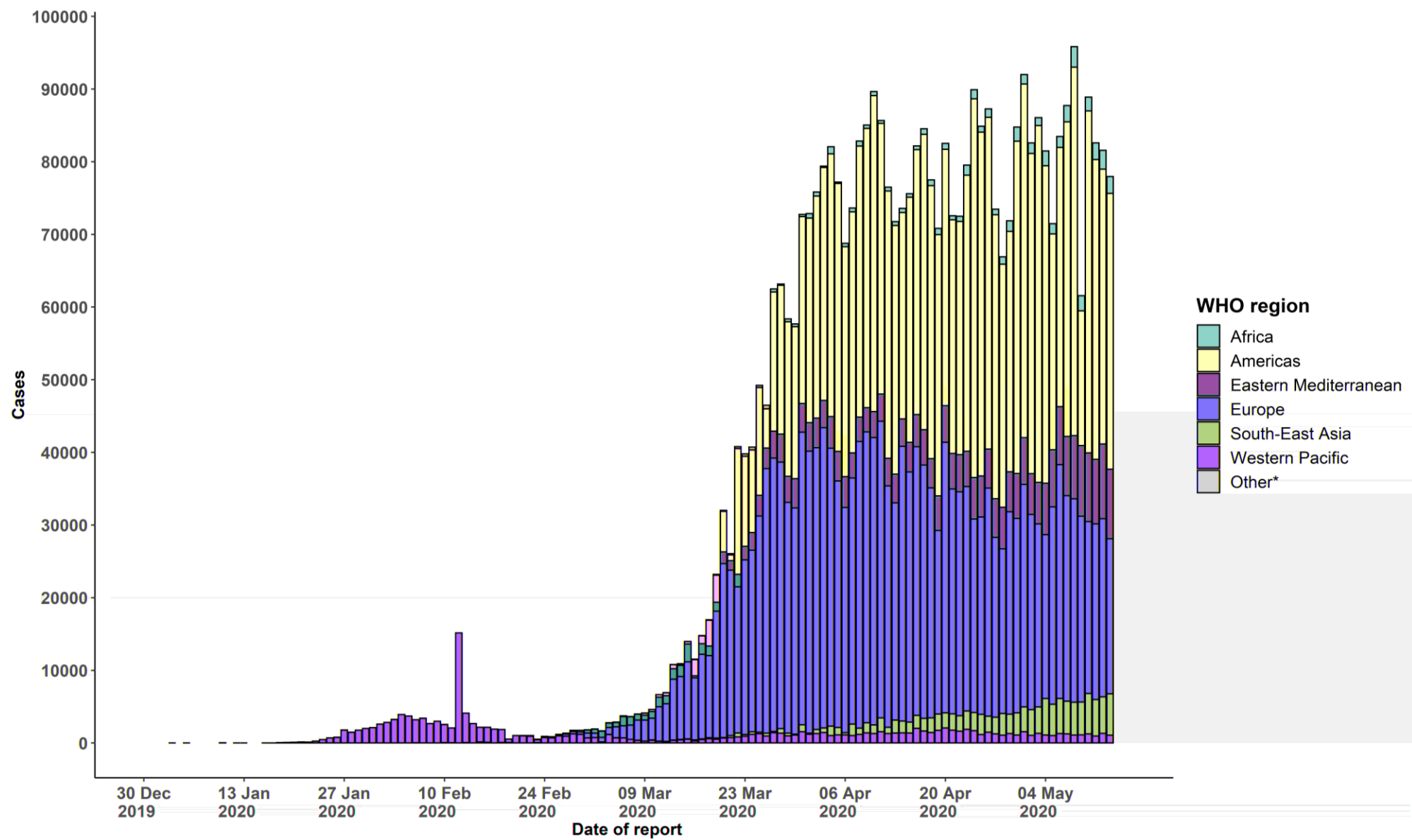


Table 1. Countries, territories or areas with reported laboratory-confirmed COVID-19 cases and deaths, by WHO region. Data as of 10 AM CEST, 14 May 2020**

Reporting Country/ Territory/Area	Total confirmed cases	Total confirmed new cases	Total deaths	Total new deaths	Transmission classification ⁱ	Days since last reported case
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Reporting Country/ Territory/Area	Total confirmed cases	Total confirmed new cases	Total deaths	Total new deaths	Transmission classification ⁱ	Days since last reported case
Mauritius	332	0	10	0	Clusters of cases	17
Benin	327	0	2	0	Community transmission	1
Cabo Verde	289	19	2	0	Clusters of cases	0
Rwanda	287	1	0	0	Sporadic cases	0
Ethiopia	263	2	5	0	Clusters of cases	0
Togo	219	20	11	0	Community transmission	0
Liberia	213	1	20	0	Community transmission	0
Madagascar	212	20	0	0	Clusters of cases	0
South Sudan	194	20	0	0	Clusters of cases	0
Central African Republic	187	8	0	0	Sporadic cases	0
Eswatini	187	3	2	0	Clusters of cases	0
São Tomé and Príncipe	165	0	7	3	Clusters of cases	4
Uganda	139	13	0	0	Sporadic cases	0
Mozambique	107	3	0	0	Clusters of cases	0
Malawi	63	5	3	0	Clusters of cases	0
Angola	45	0	2	0	Clusters of cases	3
Eritrea	39	0	0	0	Sporadic cases	25
Zimbabwe	37	0	4	0	Sporadic cases	1
Burundi	27	0	1	0	Clusters of cases	1
Botswana	24	0	1	0	Clusters of cases	2
Gambia	23	0	1	0	Sporadic cases	1
Namibia	16	0	0	0	Sporadic cases	38
Comoros	11	0	1	0	Community transmission	4

Reporting Country/ Territory/Area	Total confirmed cases	Total confirmed new cases	Total deaths	Total new deaths	Transmission classification ⁱ	Days since last reported case
Seychelles	11	0	0	0	Clusters of cases	37
Mauritania	9	1	1	0	Sporadic cases	0
Lesotho	1	1	0	0	Pending	0
Territories ⁱⁱ						
Mayotte	1 143	48	14	2	Clusters of cases	0
Réunion	439	2	0	0	Clusters of cases	0
Americas						
United States of America	1 340 098	18 044	80 695	1 061	Community transmission	0
Brazil	177 589	9 258	12 400	881	Community transmission	0
Peru	72 059	3 237	2 057	96	Community transmission	0
Canada	71 486	1 144	5 209	160	Community transmission	0
Mexico	38 324	1 997	3 926	353	Community transmission	0
Chile	34 381	2 660	346	11	Community transmission	0
Ecuador	30 486	67	2 334	7	Community transmission	0
Colombia	12 272	659	493	14	Community transmission	0
Dominican Republic	11 196	296	409	7	Community transmission	0
Panama	8 616	0	249	0	Community transmission	1
Argentina	6 563	285	321	4	Community transmission	0
Bolivia (Plurinational State of)	2 964	133	128	6	Clusters of cases	0
Honduras	2 080	- 20	121	5	Community transmission	0
Cuba	1 810	6	79	1	Clusters of cases	0
Guatemala	1 199	85	27	1	Clusters of cases	0
El Salvador	1 037	39	20	2	Clusters of cases	0
Costa Rica	804	3	7	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
Paraguay	740	3	11	1	Community transmission	0
Uruguay	717	6	19	0	Clusters of cases	0
Jamaica	507	2	9	0	Clusters of cases	0
Venezuela (Bolivarian Republic of)	440	18	10	0	Clusters of cases	0
Haiti	219	10	18	2	Clusters of cases	0
Trinidad and Tobago	116	0	8	0	Sporadic cases	16
Guyana	113	4	10	0	Clusters of cases	0
Bahamas	93	0	11	0	Clusters of cases	1
Barbados	85	1	7	0	Clusters of cases	0
Antigua and Barbuda	25	0	3	0	Clusters of cases	10
Nicaragua	25	9	8	3	Pending	0
Grenada	21	0	0	0	Clusters of cases	10
Belize	18	0	2	0	Sporadic cases	29
Saint Lucia	18	0	0	0	Sporadic cases	9
Saint Vincent and the Grenadines	17	0	0	0	Sporadic cases	9
Dominica	16	0	0	0	Clusters of cases	33
Saint Kitts and Nevis	15	0	0	0	Sporadic cases	23
Suriname	10	0	1	0	Sporadic cases	40
Territories ⁱⁱ						
Puerto Rico	2 329	30	115	1	Clusters of cases	0
Martinique	189	2	14	0	Clusters of cases	0
Guadeloupe	155	0	13	0	Clusters of cases	1
French Guiana	153	7	1	0	Clusters of cases	0
Bermuda	121	2	8	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
Aruba	101	0	3	0	Sporadic cases	8
Cayman Islands	85	1	1	0	Clusters of cases	0
Sint Maarten	78	1	15	0	Sporadic cases	0
United States Virgin Islands	69	0	6	1	Clusters of cases	3
Saint Martin	39	0	3	0	Sporadic cases	3
Curaçao	16	0	1	0	Sporadic cases	16
Falkland Islands (Malvinas)	13	0	0	0	Clusters of cases	18
Turks and Caicos Islands	12	0	1	0	Sporadic cases	16
Montserrat	11	0	1	0	Sporadic cases	30
British Virgin Islands	7	0	1	0	Sporadic cases	8
Bonaire, Sint Eustatius and Saba	6	0	0	0	Sporadic cases	16
Saint Barthélemy	6	0	0	0	Sporadic cases	44
Anguilla	3	0	0	0	Sporadic cases	40
Saint Pierre and Miquelon	1	0	0	0	Sporadic cases	36
Eastern Mediterranean						
Iran (Islamic Republic of)	112 725	1 958	6 783	50	Community transmission	0
Saudi Arabia	44 830	1 905	273	9	Clusters of cases	0
Pakistan	35 298	1 037	761	24	Clusters of cases	0
Qatar	26 539	1 390	14	0	Community transmission	0
United Arab Emirates	20 386	725	206	3	Pending	0
Kuwait	11 028	751	82	7	Clusters of cases	0
Egypt	10 431	338	556	12	Clusters of cases	0
Morocco	6 512	94	188	0	Clusters of cases	0
Bahrain	5 816	285	10	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
Afghanistan	5 339	372	136	9	Clusters of cases	0
Oman	4 341	322	17	0	Clusters of cases	0
Iraq	3 032	119	115	3	Clusters of cases	0
Sudan	1 817	157	90	10	Sporadic cases	0
Djibouti	1 268	12	3	0	Clusters of cases	0
Somalia	1 219	49	52	0	Sporadic cases	0
Tunisia	1 032	0	45	0	Community transmission	4
Lebanon	878	8	26	0	Clusters of cases	0
Jordan	582	6	9	0	Clusters of cases	0
Yemen	72	5	13	2	Pending	0
Libya	64	0	3	0	Clusters of cases	7
Syrian Arab Republic	48	1	3	0	Community transmission	0
Territories ⁱⁱ						
occupied Palestinian territory	548	1	4	0	Clusters of cases	0
Europe						
Russian Federation	252 245	9 974	2 305	93	Clusters of cases	0
The United Kingdom	229 709	3 242	33 186	494	Community transmission	0
Spain	228 691	661	27 104	184	Community transmission	0
Italy	222 104	888	31 106	195	Community transmission	0
Germany	172 239	933	7 723	89	Community transmission	0
Turkey	143 114	1 639	3 952	58	Community transmission	0
France	138 609	448	27 029	81	Community transmission	0
Belgium	53 981	202	8 843	82	Community transmission	0
Netherlands	43 211	227	5 562	52	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
Switzerland	30 330	33	1 563	3	Community transmission	0
Portugal	28 132	219	1 175	12	Community transmission	0
Sweden	27 909	637	3 460	147	Community transmission	0
Belarus	25 840	0	149	0	Clusters of cases	1
Ireland	23 401	159	1 497	9	Community transmission	0
Poland	17 204	283	861	22	Community transmission	0
Ukraine	16 847	422	456	17	Community transmission	0
Israel	16 539	0	262	0	Pending	1
Romania	16 002	224	1 016	14	Community transmission	0
Austria	15 964	54	624	1	Community transmission	0
Denmark	10 667	76	533	6	Community transmission	0
Serbia	10 295	52	222	2	Pending	0
Czechia	8 269	48	290	7	Community transmission	0
Norway	8 158	23	229	1	Pending	0
Finland	6 054	51	284	9	Pending	0
Kazakhstan	5 571	154	33	1	Pending	0
Republic of Moldova	5 406	252	190	8	Pending	0
Luxembourg	3 904	10	103	1	Pending	0
Armenia	3 836	118	49	1	Clusters of cases	0
Hungary	3 380	39	436	6	Clusters of cases	0
Greece	2 760	16	155	3	Community transmission	0
Azerbaijan	2 758	65	35	2	Clusters of cases	0
Uzbekistan	2 620	22	11	1	Clusters of cases	0
Croatia	2 213	6	94	3	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
Bosnia and Herzegovina	2 181	19	119	3	Community transmission	0
Bulgaria	2 069	46	96	1	Clusters of cases	0
Iceland	1 802	1	10	0	Community transmission	0
Estonia	1 751	5	61	0	Pending	0
North Macedonia	1 694	20	95	3	Clusters of cases	0
Lithuania	1 505	14	54	4	Community transmission	0
Slovakia	1 469	4	27	0	Clusters of cases	0
Slovenia	1 463	2	103	1	Community transmission	0
Kyrgyzstan	1 082	38	12	0	Clusters of cases	0
Latvia	951	1	19	1	Community transmission	0
Cyprus	905	2	17	- 6	Clusters of cases	0
Albania	880	4	31	0	Clusters of cases	0
Andorra	761	2	49	1	Community transmission	0
Tajikistan	729	0	23	0	Pending	1
Georgia	652	10	11	0	Community transmission	0
San Marino	647	0	41	0	Community transmission	2
Malta	508	5	6	1	Pending	0
Montenegro	324	0	9	0	Clusters of cases	8
Monaco	96	0	1	0	Sporadic cases	3
Liechtenstein	83	0	1	0	Pending	18
Holy See	12	0	0	0	Sporadic cases	7
Territories ⁱⁱ						
Kosovo ^[1]	919	0	29	0	Community transmission	1
Isle of Man	331	1	23	0	Pending	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
Jersey	295	1	26	1	Pending	0
Guernsey	252	0	13	0	Community transmission	11
Faroe Islands	187	0	0	0	Pending	20
Gibraltar	147	0	0	0	Clusters of cases	1
Greenland	11	0	0	0	Pending	38
South-East Asia						
India	78 003	3 722	2 549	134	Clusters of cases	0
Bangladesh	17 822	1 162	269	19	Clusters of cases	0
Indonesia	15 438	689	1 028	21	Community transmission	0
Thailand	3 018	1	56	0	Clusters of cases	0
Maldives	955	51	4	1	Clusters of cases	0
Sri Lanka	915	26	9	0	Clusters of cases	0
Nepal	246	29	0	0	Sporadic cases	0
Myanmar	181	1	6	0	Clusters of cases	0
Timor-Leste	24	0	0	0	Clusters of cases	20
Bhutan	15	4	0	0	Sporadic cases	0
Western Pacific						
China	84 464	6	4 644	0	Clusters of cases	0
Singapore	25 346	675	21	0	Clusters of cases	0
Japan	16 079	55	687	19	Clusters of cases	0
Philippines	11 618	268	772	21	Community transmission	0
Republic of Korea	10 991	29	260	1	Clusters of cases	0
Australia	6 975	11	98	1	Clusters of cases	0
Malaysia	6 779	37	111	2	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
New Zealand	1 147	0	21	0	Clusters of cases	3
Viet Nam	288	0	0	0	Clusters of cases	6
Brunei Darussalam	141	0	1	0	Clusters of cases	6
Cambodia	122	0	0	0	Sporadic cases	32
Mongolia	42	0	0	0	Sporadic cases	5
Lao People's Democratic Republic	19	0	0	0	Sporadic cases	31
Fiji	18	0	0	0	Sporadic cases	23
Papua New Guinea	8	0	0	0	Sporadic cases	21
Territories ⁱⁱ						
Guam	148	0	5	0	Clusters of cases	1
French Polynesia	60	0	0	0	Sporadic cases	8
Northern Mariana Islands (Commonwealth of the)	19	0	2	0	Pending	2
New Caledonia	18	0	0	0	Sporadic cases	41
Subtotal for all regions	4 247 677	77 965	292 033	4 647		
Other*	712	0	13	0	-	59
Grand total	4 248 389	77 965	292 046	4 647		

fft

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.

^[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 *b b*), and include both domestic and repatriated cases.

Other*: includes cases reported under the international conveyance (Diamond Princess).

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 *fft* 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 (not shown in table).
- 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 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