

Coronavirus disease (COVID-19)

Situation Report - 199

Data as received by WHO from national authorities by 10:00 CEST, 6 August 2020

Highlights

The WHO Regional Office for the Americas has <u>issued a warning against the use of chlorine</u> <u>products as treatment for COVID-19</u>. WHO recommends that people avoid consuming products containing chlorine dioxide or related substances (sodium hypochlorite, bleach, etc.) and that all marketing of such products for therapeutic purposes be reported to the authorities.

<u>The South African COVID-19 response</u> is being bolstered by a surge team of health experts from WHO. The surge team will be jointly led by Dr Matshidiso Moeti, WHO Regional Director for Africa and Dr Michael Ryan, Executive Director of the WHO Health Emergencies Programme. Forty-three experts from various fields will be deployed to support the COVID-19 outbreak response management.

The WHO Regional Office for South-East Asia has <u>urged countries in the region to maintain</u> <u>essential healthcare and accelerate the resumption of services that have been disrupted, by the pandemic, as an integral part of the COVID-19 response</u>. Since the outbreak of COVID-19, repurposing of health workers, cancellation of elective care, closure of outpatient services, insufficient personal protective equipment, and changes in treatment policy have significantly impacted the delivery of essential services.

Today's '<u>Subject in Focus</u>' provides an overview of discussions on the Global Multidisciplinalry Discussion on SARS-CoV-2 Modes of Transmission.

Situation in numbers (by WHO Region)

Total (new cases in last 24 hours)

Globally	18 614 177 cases (259 344)	702 642 deaths (6 488)
Africa	848 053 cases (13 906)	15 252 deaths (502)
Americas	9 981 204 cases (139 362)	372 008 deaths (4 074)
Eastern Mediterranean	1 598 640 cases (13 182)	42 052 deaths (451)
Europe	3 477 225 cases (25 178)	215 168 deaths (430)
South-East Asia	2 360 721 cases (61 288)	49 572 deaths (1 003)
Western Pacific	347 593 cases (6 428)	8 577 deaths (28)

Subject in Focus: Global Multidisciplinary Platform Discussion on SARS-CoV-2 Modes of Transmission

On 3 August 2020, WHO hosted a *Global Multidisciplinary Platform Discussion on SARS-CoV-2 Modes of Transmission* on 3 August attended by more than 700 participants. Attendees included international experts in epidemiology, laboratory, infection prevention and control and clinical management international working groups of the WHO R&D Blueprint for COVID-19 and researchers from other technical disciplines (see below). It also included national and international institutions including US CDC, ECDC and Global Research Collaboration for Infectious Disease Preparedness (GLOPID-R), as well as WHO staff from all over the world. This discussion focused on the rapid progress of available research on SARS-CoV-2 transmission.

Understanding transmission of SARS-CoV-2, the virus that causes COVID-19, was identified as a priority for research since the beginning of the pandemic and the February and July 2020 global R&D Blueprint meetings reiterated this priority. The meeting this week brought together researchers to present the latest scientific evidence and identify knowledge gaps and best methods to undertake the high-quality comprehensive research studies to better understand how, when and where transmission of the virus occurs. The discussion included perspectives from experts in the fields of public health, infectious respiratory diseases, virology, engineering and physical sciences, epidemiology, phylogenetics, clinical management, social sciences, and infection prevention and control.

Speakers discussed existing evidence on several modes of transmission - contact, droplet and airborne transmission - as well as on environmental contamination associated with the fomite and fecal-oral routes of transmission. A panel of international experts focused on understanding how the virus is transmitted, when people are transmitting during the course of their infection, and where the virus is transmitted more readily (that is what settings, duration and intensity of exposure, and virologic, environmental, behavioural, and sociological factors influence transmission), including characteristics of superspreading events. Possible "opportunistic" airborne transmission in community and healthcare settings was also discussed, with emphasis on the need for more research to better understand and prevent the conditions in which this may occur.

High-quality research is urgently needed to further improve our understanding of the transmission dynamics of SARS-CoV-2, risk factors for infection, settings and conditions which can amplify transmission and to understand infectious dose.

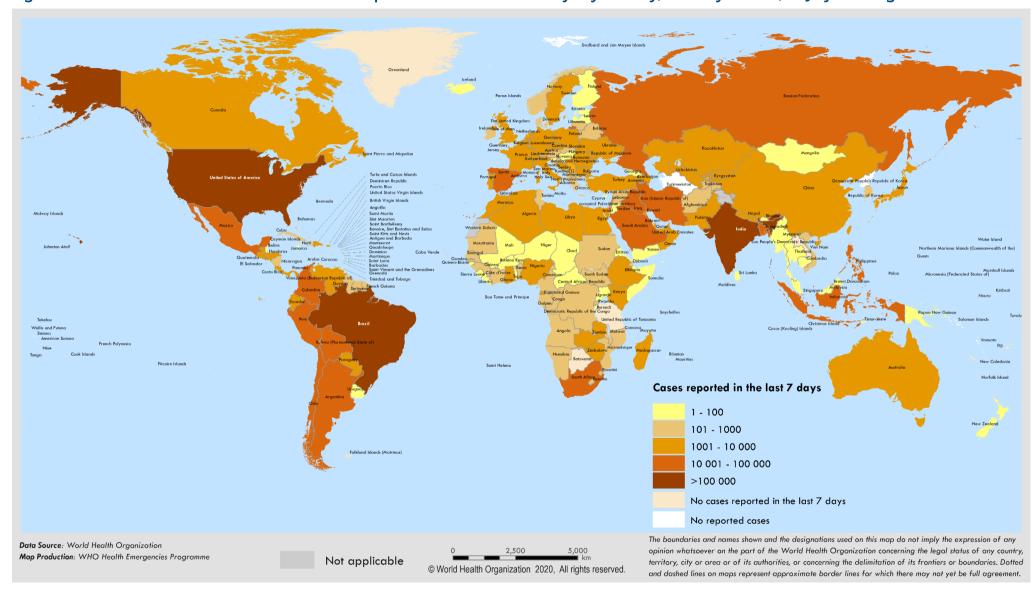
WHO will summarize the discussions and conclusions in a future publication. It will also work with experts to develop further standardized protocols outlining the best research methodologies, and seek funding opportunities with partners to support investigations in this important area.

Current WHO Modes of Transmission research published 9 July 2020 is available online at: https://www.who.int/news-room/commentaries/detail/transmission-of-sars-cov-2-implications-for-infection-prevention-precautions

WHO standardized study protocols for COVID-19 are available at: https://www.who.int/emergencies/diseases/novel-coronavirus-2019/technical-guidance/early-investigations

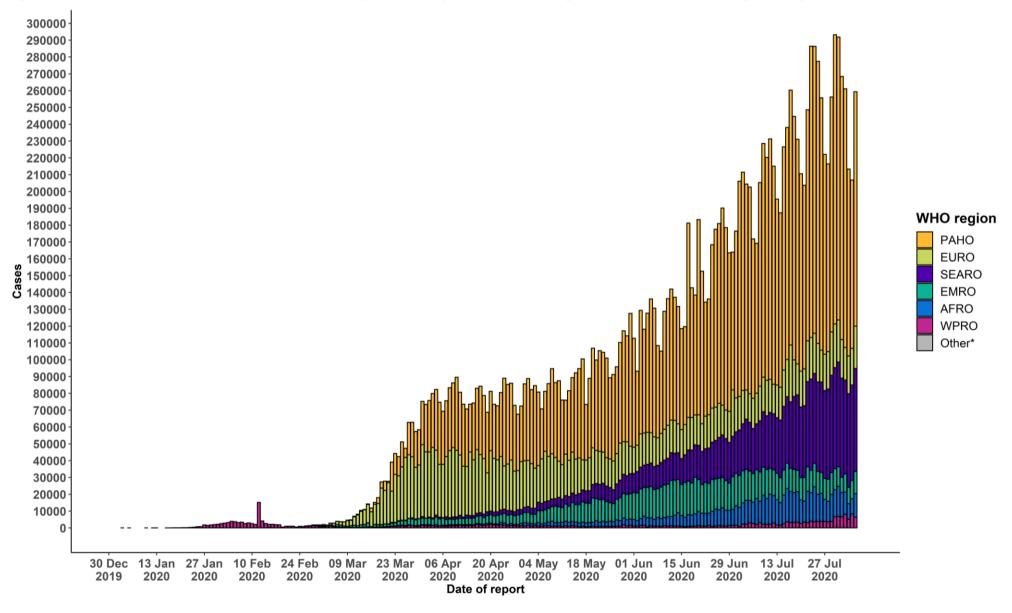
Surveillance

Figure 1. Number of confirmed* COVID-19 cases reported in the last seven days by country, territory or area, 31 July to 6 August **



^{**}See <u>Annex 1</u> for data, table and figure notes.

Figure 2. Number of confirmed COVID-19 cases, by date of report and WHO region, 30 December through 6 August**



^{**}See <u>Annex 1</u> 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, 6 August 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	529 877	8 559	9 298	414	Community transmission	0
Nigeria	44 890	457	927	17	Community transmission	0
Ghana	39 075	1 263	199	8	Community transmission	0
Algeria	33 055	551	1 261	13	Community transmission	0
Kenya	23 873	671	391	3	Community transmission	0
Ethiopia	20 336	461	356	13	Community transmission	0
Cameroon	17 718	0	391	0	Community transmission	2
Côte d'Ivoire	16 349	56	103	0	Community transmission	0
Madagascar	12 222	327	127	4	Community transmission	0
Senegal	10 538	106	218	4	Community transmission	0
Democratic Republic of the Congo	9 252	75	214	0	Community transmission	0
Gabon	7 787	141	51	0	Community transmission	0
Guinea	7 575	86	49	1	Community transmission	0
Zambia	7 022	442	176	5	Community transmission	0
Mauritania	6 444	26	157	0	Community transmission	0
Equatorial Guinea	4 821	0	83	0	Community transmission	5
Central African Republic	4 618	0	59	0	Community transmission	1
Malawi	4 426	65	136	8	Community transmission	0
Zimbabwe	4 339	118	84	3	Clusters of cases	0
Congo	3 546	0	58	0	Community transmission	1
Eswatini	2 909	53	53	4	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
Cabo Verde	2 689	58	27	1	Clusters of cases	0
Mali	2 546	3	124	0	Community transmission	0
Namibia	2 540	70	12	0	Clusters of cases	0
South Sudan	2 450	13	47	0	Community transmission	0
Rwanda	2 104	5	5	0	Clusters of cases	0
Mozambique	2 079	50	15	0	Community transmission	0
Guinea-Bissau	2 032	10	27	0	Community transmission	0
Benin	1 936	0	38	0	Community transmission	1
Sierra Leone	1 860	5	67	0	Community transmission	0
Angola	1 395	51	62	3	Clusters of cases	0
Liberia	1 221	5	78	0	Community transmission	0
Uganda	1 213	10	5	0	Clusters of cases	0
Burkina Faso	1 156	3	54	0	Community transmission	0
Niger	1 152	0	69	0	Community transmission	1
Togo	988	12	19	0	Community transmission	0
Chad	939	1	75	0	Community transmission	0
Gambia	935	136	16	0	Sporadic cases	0
Sao Tome and Principe	878	3	15	0	Clusters of cases	0
Botswana	804	0	2	0	Clusters of cases	7
Lesotho	726	0	21	0	Clusters of cases	1
United Republic of Tanzania	509	0	21	0	Community transmission	90
Burundi	400	5	1	0	Clusters of cases	0
Comoros	388	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
Mauritius	344	0	10	0	Sporadic cases	12
Eritrea	282	0	0	0	Sporadic cases	2
Seychelles	114	0	0	0	Sporadic cases	9
Territories ⁱⁱ						
Mayotte	3 031	8	39	0	Clusters of cases	0
Réunion	670	1	5	1	Clusters of cases	0
Americas						
United States of America	4 728 239	49 629	156 050	1 098	Community transmission	0
Brazil	2 801 921	51 603	95 819	1 154	Community transmission	0
Mexico	449 961	6 148	48 869	857	Community transmission	0
Peru	439 890	6 790	20 007	196	Community transmission	0
Chile	364 723	1 761	9 792	47	Community transmission	0
Colombia	334 979	7 129	11 315	298	Community transmission	0
Argentina	213 535	6 792	4 009	146	Community transmission	0
Canada	117 792	761	8 958	11	Community transmission	0
Ecuador	88 866	903	5 847	39	Community transmission	0
Bolivia (Plurinational State of)	83 361	1 515	3 320	92	Community transmission	0
Dominican Republic	75 660	1 365	1 222	9	Community transmission	0
Panama	69 424	968	1 522	25	Community transmission	0
Guatemala	53 509	1 144	2 072	35	Community transmission	0
Honduras	44 299	505	1 400	16	Community transmission	0
Venezuela (Bolivarian Republic of)	21 438	684	187	7	Community transmission	0
Costa Rica	19 837	435	181	10	Community transmission	0
El Salvador	18 701	439	498	12	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	7 532	21	171	5	Community transmission	0
Paraguay	5 852	128	59	4	Community transmission	0
Nicaragua	3 266	0	123	0	Community transmission	1
Cuba	2 726	25	88	0	Clusters of cases	0
Suriname	1 981	88	27	0	Community transmission	0
Uruguay	1 300	9	37	1	Clusters of cases	0
Jamaica	920	15	12	0	Clusters of cases	0
Bahamas	715	36	14	0	Clusters of cases	0
Guyana	497	23	22	1	Clusters of cases	0
Trinidad and Tobago	197	5	8	0	Clusters of cases	0
Barbados	133	1	7	0	Clusters of cases	0
Antigua and Barbuda	92	0	3	0	Clusters of cases	1
Belize	67	10	2	0	Sporadic cases	0
Saint Vincent and the Grenadines	55	0	0	0	Sporadic cases	2
Saint Lucia	25	0	0	0	Sporadic cases	6
Grenada	24	0	0	0	Clusters of cases	6
Dominica	18	0	0	0	Clusters of cases	54
Saint Kitts and Nevis	17	0	0	0	No cases	26
Territories ⁱⁱ						
Puerto Rico	19 651	327	246	9	Community transmission	0
French Guiana	8 069	71	47	2	Community transmission	0
United States Virgin Islands	481	18	8	0	Community transmission	0
Guadeloupe	272	0	14	0	Clusters of cases	1
Martinique	269	0	15	0	Clusters of cases	12

Reporting Country/Territory/Area	Total confirmed* cases	Total confirmed* new cases	Total deaths	Total new deaths	Transmission classification ⁱ	Days since last reported case
Cayman Islands	203	0	1	0	Sporadic cases	22
Bermuda	157	0	9	0	Sporadic cases	2
Sint Maarten	156	6	16	0	Community transmission	0
Aruba	132	8	3	0	Sporadic cases	0
Turks and Caicos Islands	116	0	2	0	Clusters of cases	1
Saint Martin	53	0	3	0	Sporadic cases	7
Curaçao	29	0	1	0	Sporadic cases	12
Bonaire, Sint Eustatius and Saba	13	0	0	0	Sporadic cases	2
Falkland Islands (Malvinas)	13	0	0	0	No cases	102
Montserrat	13	0	1	0	No cases	10
British Virgin Islands	9	0	1	0	No cases	1
Saint Barthélemy	9	0	0	0	No cases	3
Saint Pierre and Miquelon	4	0	0	0	Sporadic cases	20
Anguilla	3	0	0	0	No cases	124
Eastern Mediterranean						
Iran (Islamic Republic of)	317 483	2 697	17 802	185	Community transmission	0
Saudi Arabia	282 824	1 389	3 020	36	Clusters of cases	0
Pakistan	281 863	727	6 035	21	Clusters of cases	0
Iraq	137 556	2 834	5 094	77	Community transmission	0
Qatar	111 805	267	178	1	Community transmission	0
Egypt	94 875	123	4 931	19	Clusters of cases	0
Oman	80 286	1 127	488	67	Community transmission	0
Kuwait	69 425	651	468	3	Clusters of cases	0
United Arab Emirates	61 860	508	355	4	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	42 514	382	154	2	Clusters of cases	0
Afghanistan	36 896	67	1 298	4	Clusters of cases	0
Morocco	28 500	1 283	435	18	Clusters of cases	0
Sudan	11 780	0	763	0	Community transmission	1
Lebanon	5 417	355	68	3	Clusters of cases	0
Djibouti	5 330	82	59	0	Clusters of cases	0
Libya	4 475	251	99	3	Clusters of cases	0
Somalia	3 227	7	93	0	Sporadic cases	0
Yemen	1 767	3	509	2	Community transmission	0
Tunisia	1 601	17	51	0	Sporadic cases	0
Jordan	1 231	7	11	0	Clusters of cases	0
Syrian Arab Republic	944	52	48	2	Community transmission	0
Territories ⁱⁱ						
occupied Palestinian territory	16 981	353	93	4	Clusters of cases	0
Europe						
Russian Federation	871 894	5 267	14 606	116	Clusters of cases	0
The United Kingdom	307 188	891	46 364	65	Community transmission	0
Spain	305 767	2 953	28 499	1	Clusters of cases	0
Italy	248 803	384	35 181	10	Clusters of cases	0
Turkey	236 112	1 178	5 784	19	Community transmission	0
Germany	213 067	1 045	9 175	7	Clusters of cases	0
France	181 652	1 615	30 182	6	Clusters of cases	0
Kazakhstan	95 942	1 060	1 058	0	Clusters of cases	0
Sweden	81 540	359	5 760	13	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
Ukraine	76 808	1 318	1 819	31	Community transmission	0
Israel	76 535	1 719	564	9	Community transmission	0
Belgium	71 065	0	9 859	0	Community transmission	1
Belarus	68 376	126	577	3	Community transmission	0
Romania	56 550	1 309	2 521	41	Community transmission	0
Netherlands	56 381	426	6 153	3	Community transmission	0
Portugal	51 848	167	1 740	1	Clusters of cases	0
Poland	48 789	640	1 756	18	Community transmission	0
Armenia	39 819	233	772	2	Community transmission	0
Kyrgyzstan	38 659	549	1 447	9	Clusters of cases	0
Switzerland	35 838	181	1 705	0	Community transmission	0
Azerbaijan	33 103	193	476	3	Clusters of cases	0
Uzbekistan	28 069	755	173	6	Clusters of cases	0
Serbia	27 033	295	614	9	Community transmission	0
Ireland	26 303	50	1 763	0	Clusters of cases	0
Republic of Moldova	26 222	408	823	13	Community transmission	0
Austria	21 575	103	719	0	Community transmission	0
Czechia	17 529	243	388	5	Clusters of cases	0
Denmark	14 185	112	616	0	Community transmission	0
Bosnia and Herzegovina	13 146	288	374	6	Community transmission	0
Bulgaria	12 414	255	415	11	Clusters of cases	0
North Macedonia	11 289	88	511	6	Clusters of cases	0
Norway	9 362	29	256	0	Clusters of cases	0
Tajikistan	7 625	42	61	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
Finland	7 512	29	331	0	Clusters of cases	0
Luxembourg	7 007	90	118	0	Community transmission	0
Albania	5 889	139	182	6	Clusters of cases	0
Croatia	5 376	58	154	0	Clusters of cases	0
Greece	4 973	118	210	1	Clusters of cases	0
Hungary	4 564	11	599	1	Community transmission	0
Montenegro	3 441	55	57	3	Clusters of cases	0
Slovakia	2 417	49	29	0	Clusters of cases	0
Slovenia	2 208	18	118	0	Clusters of cases	0
Lithuania	2 147	10	81	1	Community transmission	0
Estonia	2 113	22	63	0	Clusters of cases	0
Iceland	1 926	8	10	0	Community transmission	0
Latvia	1 257	8	32	0	Clusters of cases	0
Georgia	1 206	9	17	0	Clusters of cases	0
Cyprus	1 180	0	19	0	Clusters of cases	1
Andorra	939	0	52	0	Community transmission	1
Malta	842	36	9	0	Sporadic cases	0
San Marino	716	0	42	0	Community transmission	27
Monaco	99	0	1	0	Sporadic cases	60
Liechtenstein	89	0	1	0	Sporadic cases	6
Holy See	12	0	0	0	Sporadic cases	91
Territories ⁱⁱ						
Kosovo ^[1]	9 449	218	264	5	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
Jersey	343	4	31	0	Community transmission	0
Isle of Man	336	0	24	0	No cases	76
Guernsey	252	0	13	0	Community transmission	95
Faroe Islands	241	14	0	0	Sporadic cases	0
Gibraltar	189	1	0	0	Clusters of cases	0
Greenland	14	0	0	0	No cases	8
South-East Asia						
India	1 964 536	56 282	40 699	904	Clusters of cases	0
Bangladesh	246 674	2 654	3 267	33	Community transmission	0
Indonesia	116 871	1 815	5 452	64	Community transmission	0
Nepal	21 390	381	60	2	Clusters of cases	0
Maldives	4 594	148	19	0	Clusters of cases	0
Thailand	3 330	2	58	0	Clusters of cases	0
Sri Lanka	2 839	5	11	0	Clusters of cases	0
Myanmar	357	1	6	0	Clusters of cases	0
Bhutan	105	0	0	0	Sporadic cases	1
Timor-Leste	25	0	0	0	No cases	2
Western Pacific						
Philippines	115 980	3 387	2 123	8	Community transmission	0
China	88 804	122	4 684	1	Clusters of cases	0
Singapore	54 254	908	27	0	Clusters of cases	0
Japan	42 263	1 134	1 026	4	Clusters of cases	0
Australia	19 444	715	247	15	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
Republic of Korea	14 499	43	302	0	Clusters of cases	0
Malaysia	9 023	21	125	0	Clusters of cases	0
New Zealand	1 219	0	22	0	Clusters of cases	1
Viet Nam	717	45	8	0	Clusters of cases	0
Mongolia	293	0	0	0	Sporadic cases	3
Cambodia	243	0	0	0	Sporadic cases	1
Papua New Guinea	153	39	2	0	Community transmission	0
Brunei Darussalam	141	0	3	0	No cases	90
Fiji	27	0	1	0	Sporadic cases	16
Lao People's Democratic Republic	20	0	0	0	Sporadic cases	12
Territories ⁱⁱ						
Guam	381	14	5	0	Clusters of cases	0
French Polynesia	64	0	0	0	Sporadic cases	1
Northern Mariana Islands (Commonwealth of the)	46	0	2	0	Pending	2
New Caledonia	22	0	0	0	Sporadic cases	22
Subtotal for all regions	18 613 436	259 344	702 629	6 488		
Other [†]	741	0	13	0	Not applicable	
Grand total	18 614 177	259 344	702 642	6 488		

^{**}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 AFROWHO PAHO
 - WHO EMROWHO SEARO
 - WHO EUROWHO 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 <u>Global Surveillance for human infection with coronavirus</u> 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 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.

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.

*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

¹ 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 6 August 2020, Belgium:** Counts adjusted retrospectively by national authorities: case counts adjusted from 25 July to 5 August and death counts adjusted from 3 to 5 August.
- **Update 6 August 2020, Malta:** Counts adjusted retrospectively by national authorities: case counts adjusted from 31 July to 5 August.