Coronavirus disease 2019 (COVID-19) Situation Report – 81



Data as received by WHO from national authorities by 10:00 CET, 10 April 2020

HIGHLIGHTS

- No new country/territory/area reported cases of COVID-19 in the past 24 hours.
- Dr. Bruce Aylward, Special Adviser to WHO's Director-General, speaking of his
 recent mission to Spain at a press briefing yesterday, highlighted the need for
 countries to understand that the virus can overwhelm even the most robust
 health systems, resulting in the need to entirely reconfigure health sectors in
 response. Find more about Dr. Aylward's recent fact-finding mission to Spain
 here.
- OpenWHO, a web-based learning platform, has launched a new online course Introduction to Go.Data Field data collection, chains of transmission and contact follow-up. The Go.Data tool supports outbreak investigation, focusing on field data collection, contact tracing and visualisation of chains of transmission. It is available to WHO staff around the world, Member States and partners. For more information, please see here.
- As the number of cases continues to climb in Europe, two new WHO tools launched today will help health planners in the European Region prepare for the rapidly increasing number of patients with COVID-19 requiring acute and intensive care in hospitals. For more details, please see here.

SITUATION IN NUMBERS total (new) cases in last 24 hours

Globally

1 521 252 confirmed (85 054) 92 798 deaths (7277)

European Region

799 696 confirmed (40 035) 66 213 deaths (4697)

Region of the Americas

493 173 confirmed (38 463) 17 038 deaths (2264)

Western Pacific Region

117 247 confirmed (1395) 3978 deaths (34)

Eastern Mediterranean Region

88 657 confirmed (3307) 4607 deaths (148)

South-East Asia Region

12 978 confirmed (1402) 569 deaths (101)

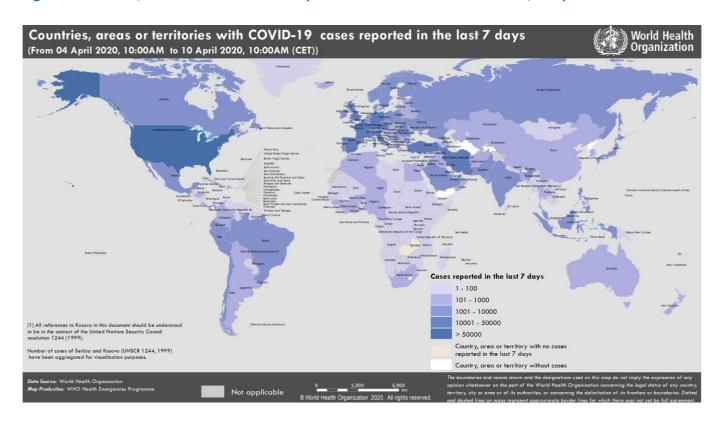
African Region

8789 confirmed (452) 382 deaths (33)

WHO RISK ASSESSMENT

Global Level Very High

Figure 1. Countries, territories or areas with reported confirmed cases of COVID-19, 10 April 2020



SURVEILLANCE

Table 1. Countries, territories or areas with reported laboratory-confirmed COVID-19 cases and deaths. Data as of 10 April 2020°

| Reporting Country/ Territory/Area [†] | Total confirmed [‡] cases | Total confirmed new cases | Total deaths | Total new deaths | Transmission classification [§] | Days since last reported case | | |
|---|--|---------------------------------|-----------------|------------------------|---|-------------------------------|--|--|
| Western Pacific Region | | | | | | | | |
| China | 83305 | 56 | 3345 | 1 | Clusters of cases | 0 | | |
| Republic of Korea | 10450 | 27 | 208 | 4 | Clusters of cases | 0 | | |
| Australia | 6152 | 100 | 52 | 2 | Clusters of cases | 0 | | |
| Japan | 5347 | 579 | 88 | 3 | Clusters of cases | 0 | | |
| Malaysia | 4228 | 109 | 67 | 2 | Clusters of cases | 0 | | |
| Philippines | 4076 | 206 | 203 | 21 | Clusters of cases | 0 | | |
| Singapore | 1910 | 287 | 7 | 1 | Clusters of cases | 0 | | |
| New Zealand | 1015 | 23 | 1 | 0 | Sporadic Cases | 0 | | |
| Viet Nam | 255 | 4 | 0 | 0 | Clusters of cases | 0 | | |
| Brunei Darussalam | 135 | 0 | 1 | 0 | Sporadic Cases | 5 | | |
| Cambodia | 118 | 1 | 0 | 0 | Sporadic Cases | 0 | | |
| Mongolia | 16 | 0 | 0 | 0 | Sporadic Cases | 1 | | |
| Fiji | 15 | 0 | 0 | 0 | Sporadic Cases | 2 | | |
| Lao People's | | | | | | | | |
| Democratic Republic | 15 | 0 | 0 | 0 | Sporadic Cases | 1 | | |
| Papua New Guinea | 2 | 0 | 0 | 0 | Sporadic Cases | 1 | | |
| Territories** | | | | | | | | |
| Guam | 128 | 3 | 4 | 0 | Clusters of cases | 0 | | |
| French Polynesia | 51 | 0 | 0 | 0 | Sporadic Cases | 1 | | |
| New Caledonia | 18 | 0 | 0 | 0 | Sporadic Cases | 7 | | |
| Northern Mariana Islands (Commonwealth of the) | 11 | 0 | 2 | 0 | Pending | 1 | | |
| European Region | | | | | | | | |
| Spain | 152446 | 5756 | 15238 | 683 | Pending | 0 | | |
| Italy | 143626 | 4204 | 18281 | 612 | Pending | 0 | | |
| Germany | 113525 | 5323 | 2373 | 266 | Pending | 0 | | |
| France | 85351 | 4256 | 12192 | 1339 | Pending | 0 | | |
| The United Kingdom | 65081 | 4344 | 7978 | 881 | Pending | 0 | | |
| Turkey | 42282 | 4056 | 908 | 96 | Community Transmission | 0 | | |
| Belgium | 24983 | 1580 | 2523 | 283 | Pending | 0 | | |
| Switzerland | 23495 | 785 | 756 | 51 | Community Transmission | 0 | | |
| Netherlands | 21762 | 1213 | 2396 | 148 | Pending | 0 | | |
| Portugal | 13956 | 815 | 409 | 29 | Pending | 0 | | |
| Austria | 13248 | 279 | 295 | 22 | Pending | 0 | | |
| Russian Federation | 11917 | 1786 | 94 | 18 | Clusters of cases | 0 | | |
| Israel | 9755 | 351 | 79 | 8 | Pending | 0 | | |
| Sweden | 9141 | 722 | 793 | 106 | Pending | 0 | | |

| Ireland | 7393 | 1169 | 263 | 28 | Pending | 0 |
|-----------------------|------|------|-----|----|---------------------------|---|
| Norway | 6160 | 150 | 88 | 8 | Pending | 0 |
| Denmark | 5635 | 233 | 237 | 19 | Pending | 0 |
| Poland | 5575 | 370 | 174 | 15 | Pending | 0 |
| Czechia | 5569 | 257 | 112 | 13 | Pending | 0 |
| Romania | 5202 | 441 | 229 | 20 | Pending | 0 |
| Luxembourg | 3115 | 81 | 52 | 6 | Pending | 0 |
| Serbia | 2867 | 201 | 65 | 0 | Pending | 0 |
| Finland | 2605 | 118 | 42 | 2 | Pending | 0 |
| Ukraine | 2203 | 311 | 69 | 12 | Clusters of cases | 0 |
| Greece | 1955 | 71 | 86 | 3 | Pending | 0 |
| Iceland | 1648 | 32 | 6 | 0 | Pending | 0 |
| Croatia | 1407 | 64 | 20 | 1 | Pending | 0 |
| Republic of Moldova | 1289 | 115 | 29 | 1 | Pending | 0 |
| Estonia | 1207 | 22 | 24 | 0 | Pending | 0 |
| Hungary | 1190 | 210 | 77 | 11 | Pending | 0 |
| Slovenia | 1124 | 33 | 43 | 3 | Pending | 0 |
| Belarus | 1066 | 0 | 13 | 0 | Clusters of cases | 1 |
| Lithuania | 955 | 43 | 15 | 0 | Pending | 0 |
| Armenia | 937 | 16 | 11 | 1 | Clusters of cases | 0 |
| Azerbaijan | 926 | 104 | 9 | 1 | Clusters of cases | 0 |
| Bosnia and | | | | _ | Community | |
| Herzegovina | 875 | 59 | 36 | 1 | Transmission | 0 |
| Kazakhstan | 802 | 75 | 9 | 2 | Pending | 0 |
| Slovakia | 701 | 19 | 2 | 0 | Pending | 0 |
| North Macedonia | 663 | 46 | 30 | 0 | Clusters of cases | 0 |
| Bulgaria | 624 | 31 | 24 | 0 | Pending | 0 |
| Uzbekistan | 624 | 69 | 3 | 0 | Clusters of cases | 0 |
| | | | | | Community | |
| Andorra | 589 | 23 | 26 | 2 | Transmission | 0 |
| Latvia | 589 | 12 | 2 | 0 | Pending | 0 |
| Cyprus | 564 | 38 | 15 | 1 | Pending | 0 |
| Albania | 416 | 7 | 23 | 1 | Clusters of cases | 0 |
| | | 0.0 | | | Community | |
| San Marino | 344 | 36 | 34 | 0 | Transmission | 0 |
| Malta | 337 | 38 | 2 | 1 | Pending | 0 |
| Kyrgyzstan | 298 | 18 | 5 | 1 | Pending | 0 |
| Montenegro | 252 | 4 | 2 | 0 | Clusters of cases | 0 |
| Georgia | 230 | 16 | 3 | 0 | Clusters of cases | 0 |
| Liechtenstein | 79 | 0 | 1 | 0 | Pending | 1 |
| Monaco | 54 | 0 | 0 | 0 | Sporadic Cases | 1 |
| Holy See | 8 | 0 | 0 | 0 | Sporadic Cases | 1 |
| Territories** | | | | | Community | |
| Kosovo ^[1] | 227 | 3 | 7 | 1 | Community Transmission | 0 |
| Faroe Islands | 184 | 0 | 0 | 0 | Pending | 2 |
| Guernsey | 181 | 15 | 5 | 1 | Pending | 0 |
| Jersey | 170 | 0 | 3 | 0 | Pending | 2 |
| Isle of Man | 165 | 15 | 1 | 0 | Pending | 0 |
| | + | 0 | 1 | 0 | | 2 |
| Gibraltar | 113 | l U | 1 1 | | Pending | |

| Greenland | 11 | 0 | 0 | 0 | Pending | 4 |
|------------------------------------|--------------|------------|-----------|---------|------------------------|----------|
| South-East Asia Region | l . | | | | 1 | |
| India | 6412 | 678 | 199 | 33 | Clusters of cases | 0 |
| Indonesia | 3512 | 556 | 306 | 66 | Clusters of cases | 0 |
| Thailand | 2473 | 50 | 33 | 1 | Clusters of cases | 0 |
| Bangladesh | 330 | 112 | 21 | 1 | Clusters of cases | 0 |
| Sri Lanka | 190 | 1 | 7 | 0 | Clusters of cases | 0 |
| Myanmar | 27 | 5 | 3 | 0 | Clusters of cases | 0 |
| Maldives | 19 | 0 | 0 | 0 | Clusters of cases | 7 |
| Nepal | 9 | 0 | 0 | 0 | Sporadic Cases | 5 |
| Bhutan | 5 | 0 | 0 | 0 | Sporadic Cases | 7 |
| Timor-Leste | 1 | 0 | 0 | 0 | Sporadic Cases | 20 |
| Eastern Mediterranean | Region | | | | | |
| Iran (Islamic Republic | | | | | Community | |
| of) | 66220 | 1634 | 4110 | 117 | Transmission | 0 |
| Pakistan | 4601 | 279 | 66 | 3 | Clusters of cases | 0 |
| Saudi Arabia | 3287 | 355 | 44 | 3 | Clusters of cases | 0 |
| United Arab Emirates | 2990 | 331 | 14 | 2 | Pending | 0 |
| Qatar | 2376 | 166 | 6 | 0 | Pending | 0 |
| Egypt | 1699 | 139 | 118 | 15 | Clusters of cases | 0 |
| Morocco | 1377 | 102 | 97 | 4 | Clusters of cases | 0 |
| Iraq | 1232 | 30 | 69 | 0 | Clusters of cases | 0 |
| Kuwait | 910 | 55 | 1 | 0 | Clusters of cases | 0 |
| Bahrain | 887 | 64 | 5 | 0 | Clusters of cases | 0 |
| | | | | | Community | |
| Tunisia | 643 | 15 | 25 | 1 | Transmission | 0 |
| Lebanon | 582 | 7 | 19 | 0 | Clusters of cases | 0 |
| Afghanistan | 521 | 77 | 15 | 0 | Clusters of cases | 0 |
| Oman | 484 | 27 | 3 | 1 | Clusters of cases | 0 |
| Jordan | 372 | 14 | 7 | 1 | Clusters of cases | 0 |
| Djibouti | 140 | 5 | 1 | 1 | Clusters of cases | 0 |
| Libya | 24 | 3 | 1 | 0 | Clusters of cases | 0 |
| | 40 | | | | Community | _ |
| Syrian Arab Republic | 19 | 0 | 2 | 0 | Transmission | 4 |
| Sudan | 15 | 1 | 2 | 0 | Sporadic Cases | 0 |
| Somalia | 12 | 0 | 1 | 0 | Sporadic Cases | 1 |
| Territories** occupied Palestinian | | | | | | |
| territory | 266 | 3 | 1 | 0 | Clusters of cases | 0 |
| Region of the Americas | L | 3 | | | Clasters or cases | |
| United States of | | | | | Community | |
| America | 425889 | 30859 | 14665 | 1925 | Transmission | 0 |
| | | | | | Community | |
| Canada | 19759 | 1326 | 461 | 60 | Transmission | 0 |
| D:1 | 45007 | 2240 | 200 | 422 | Community | |
| Brazil | 15927 | 2210 | 800 | 133 | Transmission | 0 |
| Chile | 5972 | 426 | 57 | Q | Community Transmission | 0 |
| Cilic | 3312 | 720 | 37 | , , | | <u> </u> |
| Ecuador | 4965 | 515 | 272 | 30 | Transmission | 0 |
| Chile Ecuador | 5972 4965 | 426 515 | 57 272 | 9 30 | Transmission Community | 0 |

| | | | | | Community | |
|---------------------------------------|-------|------|-----|----|---------------------------|-----|
| Peru | 4342 | 1388 | 121 | 14 | Transmission | 0 |
| | .0.12 | | | | Community | |
| Mexico | 3181 | 396 | 174 | 33 | Transmission | 0 |
| | | | | | Community | |
| Panama | 2528 | 279 | 63 | 4 | Transmission | 0 |
| | | | | | Community | |
| Dominican Republic | 2349 | 393 | 118 | 20 | Transmission | 0 |
| | | | | _ | Community | |
| Colombia | 2054 | 274 | 55 | 5 | Transmission | 0 |
| Argontino | 1795 | 80 | 67 | 7 | Community Transmission | 0 |
| Argentina | | | | + | | |
| Cuba | 515 | 58 | 15 | 3 | Clusters of cases | 0 |
| Costa Rica | 502 | 19 | 3 | 1 | Clusters of cases | 0 |
| Uruguay | 456 | 32 | 7 | 0 | Clusters of cases | 0 |
| Honduras | 343 | 31 | 23 | 1 | Clusters of cases | 0 |
| Bolivia (Plurinational | 264 | F.4 | 40 | 2 | | |
| State of) | 264 | 54 | 18 | 3 | Clusters of cases | 0 |
| Venezuela (Bolivarian Republic of) | 166 | 0 | 7 | 0 | Clusters of cases | 1 |
| | 124 | 5 | 5 | 0 | Clusters of cases | 0 |
| Paraguay | | | + | | | |
| Trinidad and Tobago | 109 | 2 | 8 | 0 | Clusters of cases | 0 |
| El Salvador | 103 | 10 | 5 | 0 | Clusters of cases | 0 |
| Guatemala | 95 | 8 | 3 | 0 | Clusters of cases | 0 |
| Barbados | 63 | 0 | 3 | 0 | Clusters of cases | 1 |
| Jamaica | 63 | 0 | 4 | 1 | Clusters of cases | 1 |
| Bahamas | 40 | 4 | 7 | 1 | Clusters of cases | 0 |
| Guyana | 37 | 4 | 6 | 1 | Clusters of cases | 0 |
| Haiti | 30 | 3 | 2 | 1 | Clusters of cases | 0 |
| Antigua and Barbuda | 19 | 0 | 2 | 0 | Clusters of cases | 1 |
| Dominica | 15 | 0 | 0 | 0 | Clusters of cases | 2 |
| Saint Lucia | 14 | 0 | 0 | 0 | Sporadic Cases | 4 |
| Grenada | 12 | 0 | 0 | 0 | Clusters of cases | 5 |
| Saint Kitts and Nevis | 11 | 0 | 0 | 0 | Sporadic Cases | 1 |
| Suriname | 10 | 0 | 1 | 0 | Sporadic Cases | 6 |
| Belize | 9 | 1 | 1 | 0 | Sporadic Cases | 0 |
| Saint Vincent and the | - | | | | | |
| Grenadines | 8 | 0 | 0 | 0 | Sporadic Cases | 1 |
| Nicaragua | 6 | 0 | 1 | 0 | Pending | 3 |
| Territories** | | | | | | |
| Puerto Rico | 683 | 63 | 33 | 9 | Clusters of cases | 0 |
| Martinique | 154 | 2 | 6 | 2 | Clusters of cases | 0 |
| Guadeloupe | 141 | 2 | 8 | 0 | Clusters of cases | 0 |
| French Guiana | 83 | 6 | 0 | 0 | Clusters of cases | 0 |
| Aruba | 82 | 8 | 0 | 0 | Clusters of cases | 0 |
| United States Virgin | | | - | | 2.2.2.2.2.2 | |
| Islands | 46 | 1 | 1 | 0 | Clusters of cases | 0 |
| Cayman Islands | 45 | 0 | 1 | 0 | Clusters of cases | 1 |
| Sint Maarten | 43 | 3 | 8 | 0 | Sporadic Cases | 0 |
| Bermuda | 39 | 0 | 3 | 1 | Clusters of cases | 2 |
| Saint Martin | 32 | 1 | 2 | 0 | Sporadic Cases | 0 |
| Janit Ivial till | عد ا | | | | Jpoi autic cases | ı U |

| Curaçao | 14 | 0 | 1 | 0 | Sporadic Cases | 1 |
|--------------------------------|------|----------|-----|----|---------------------------|----|
| Montserrat | 8 | 0 | 0 | 0 | Sporadic Cases | 1 |
| Turks and Caicos | | | | | , | |
| Islands | 8 | 0 | 1 | 0 | Sporadic Cases | 2 |
| Saint Barthelemy | 6 | 0 | 0 | 0 | | 10 |
| Falkland Islands | | | | | | |
| (Malvinas) | 5 | 0 | 0 | 0 | Sporadic Cases | 1 |
| Anguilla | 3 | 0 | 0 | 0 | Sporadic Cases | 6 |
| British Virgin Islands | 3 | 0 | 0 | 0 | Sporadic Cases | 9 |
| Bonaire, Sint Eustatius | | | | | | |
| and Saba | 2 | 0 | 0 | 0 | Sporadic Cases | 6 |
| Saint Pierre and | | | | | | |
| Miquelon | 1 | 0 | 0 | 0 | Sporadic Cases | 2 |
| African Region | | T | I | | | T |
| Co. H. ACdo. | 4024 | 00 | 4.0 | 0 | Community | |
| South Africa | 1934 | 89 | 18 | 0 | Transmission | 0 |
| Algeria | 1666 | 94 | 235 | 30 | Community Transmission | 0 |
| | 730 | 0 | 10 | 0 | Clusters of cases | 1 |
| Cameroon | | <u> </u> | | | | |
| Burkina Faso | 414 | 30 | 19 | 0 | Clusters of cases | 0 |
| Niger | 410 | 68 | 11 | 0 | Clusters of cases | 0 |
| Côte d'Ivoire | 384 | 0 | 3 | 0 | Clusters of cases | 1 |
| Mauritius | 314 | 41 | 7 | 0 | Clusters of cases | 0 |
| Ghana | 313 | 0 | 6 | 0 | Clusters of cases | 1 |
| Nigeria | 288 | 12 | 7 | 1 | Clusters of cases | 0 |
| Senegal | 250 | 6 | 2 | 0 | Clusters of cases | 0 |
| Democratic Republic | | | | | | |
| of the Congo | 215 | 8 | 20 | 0 | Clusters of cases | 0 |
| Guinea | 194 | 30 | 0 | 0 | Clusters of cases | 0 |
| Kenya | 184 | 5 | 7 | 1 | Clusters of cases | 0 |
| Rwanda | 113 | 3 | 0 | 0 | Sporadic Cases | 0 |
| Madagascar | 95 | 2 | 0 | 0 | Clusters of cases | 0 |
| Togo | 73 | 3 | 3 | 0 | Sporadic Cases | 0 |
| Congo | 60 | 0 | 5 | 0 | Clusters of cases | 1 |
| Mali | 59 | 3 | 7 | 1 | Sporadic Cases | 0 |
| Ethiopia | 56 | 1 | 2 | 0 | Sporadic Cases | 0 |
| Uganda | 53 | 0 | 0 | 0 | Sporadic Cases | 1 |
| Gabon | 44 | 20 | 1 | 0 | Sporadic Cases | 0 |
| Zambia | 39 | 0 | 1 | 0 | Sporadic Cases | 7 |
| Guinea-Bissau | 35 | 2 | 0 | 0 | Sporadic Cases | 0 |
| Eritrea | 33 | 0 | 0 | 0 | Sporadic Cases | 1 |
| Liberia | 33 | 0 | 4 | 0 | • | 1 |
| | | • | | | Sporadic Cases | |
| Benin | 30 | 4 | 1 | 0 | Sporadic Cases | 0 |
| United Republic of Tanzania | 25 | 0 | 1 | 0 | Sporadic Cases | 1 |
| | 19 | 0 | 2 | 0 | • | 1 |
| Angola | | • | | | Sporadic Cases | |
| Equatorial Guinea | 18 | 2 | 0 | 0 | Sporadic Cases | 0 |
| Mozambique | 17 | 0 | 0 | 0 | Sporadic Cases | 1 |
| Namibia | 16 | 0 | 0 | 0 | Sporadic Cases | 4 |
| Botswana | 13 | 7 | 1 | 0 | Sporadic Cases | 0 |
| Eswatini | 12 | 0 | 0 | 0 | Sporadic Cases | 1 |
| | | | | | | |

| Clara d | 4.4 | 4 | 0 | 0 | Consulta Consu | 0 |
|---------------------|---------|-------|-------|------|-------------------|----|
| Chad | 11 | 1 | 0 | 0 | Sporadic Cases | 0 |
| Seychelles | 11 | 0 | 0 | 0 | Sporadic Cases | 3 |
| Zimbabwe | 11 | 0 | 3 | 0 | Sporadic Cases | 2 |
| Central African | | | | | | |
| Republic | 10 | 0 | 0 | 0 | Sporadic Cases | 1 |
| Malawi | 8 | 0 | 1 | 0 | Sporadic Cases | 2 |
| Cabo Verde | 7 | 0 | 1 | 0 | Sporadic Cases | 3 |
| Sierra Leone | 7 | 0 | 0 | 0 | Sporadic Cases | 1 |
| Mauritania | 6 | 0 | 1 | 0 | Sporadic Cases | 6 |
| Gambia | 4 | 0 | 1 | 0 | Sporadic Cases | 7 |
| São Tomé and | | | | | | |
| Príncipe | 4 | 0 | 0 | 0 | Pending | 3 |
| Burundi | 3 | 0 | 0 | 0 | Sporadic Cases | 6 |
| South Sudan | 3 | 2 | 0 | 0 | Pending | 0 |
| Territories** | | | | | | |
| Réunion | 376 | 14 | 0 | 0 | Clusters of cases | 0 |
| Mayotte | 191 | 5 | 2 | 0 | Clusters of cases | 0 |
| Subtotal for all | 4530540 | 05054 | 02707 | 7077 | | |
| Regions | 1520540 | 85054 | 92787 | 7277 | | |
| International | | | | | | |
| conveyance (Diamond | 712 | 0 | 11 | 0 | Pending | 25 |
| Princess) | | | | | | |
| Grand total | 1521252 | 85054 | 92798 | 7277 | | |
| * | | _ | | | | |

Numbers include both domestic and repatriated cases

[†]The designations employed and the presentation of the material in this publication do not imply the expression of any opinion whatsoever on the part of WHO concerning the legal status of any country, territory, city 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. [‡]Case classifications are based on WHO case definitions for COVID-19.

§Transmission classification is based on a process of country/territory/area self-reporting. Classifications are reviewed on a weekly basis and may be upgraded or downgraded as new information becomes available. Not all locations within a given country/territory/area are equally affected; countries/territories/areas experiencing multiple types of transmission are classified in the highest category reported. Within a given transmission category, different countries/territories/areas may have differing degrees of transmission as indicated by the differing numbers of cases, recency of cases, and other factors.

Terms:

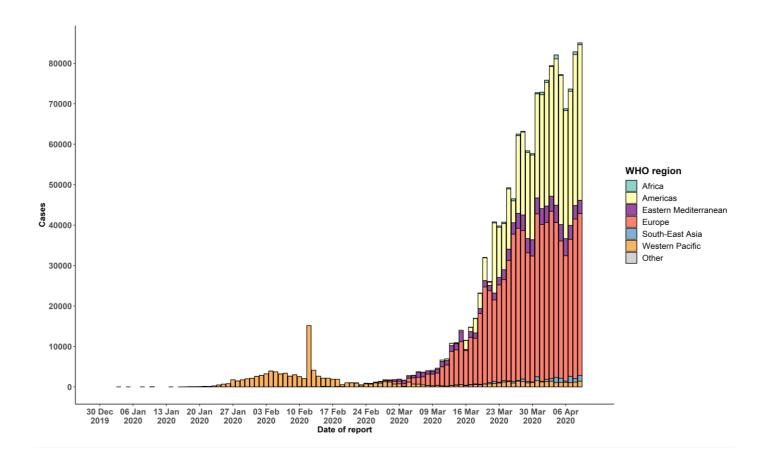
- **No cases**: Countries/territories/areas with no confirmed cases (not shown in table)
- Sporadic cases: Countries/territories/areas with one or more cases, imported or locally detected
- Clusters of cases: Countries/territories/areas experiencing cases, clustered in time, geographic location and/or by common exposures
- **Community transmission**: Countries/area/territories 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
 - Multiple unrelated clusters in several areas of the country/territory/area

[1] All references to Kosovo should be understood to be in the context of the United Nations Security Council resolution 1244 (1999).

Due to differences in reporting methods, retrospective data consolidation, and reporting delays, the number of new cases may not always reflect the exact difference between yesterday's and today's totals. WHO COVID-19 Situation Reports present official counts of confirmed COVID-19 cases, thus differences between WHO reports and other sources of COVID-19 data using different inclusion criteria and different data cutoff times are to be expected.

^{** &}quot;Territories" include territories, areas, overseas dependencies and other jurisdictions of similar status

Figure 1. Epidemic curve of confirmed COVID-19, by date of report and WHO region through 10 April 2020



STRATEGIC OBJECTIVES

WHO's strategic objectives for this response are to:

- Interrupt human-to-human transmission including reducing secondary infections among close contacts and health care workers, preventing transmission amplification events, and preventing further international spread*;
- Identify, isolate and care for patients early, including providing optimized care for infected patients;
- Identify and reduce transmission from the animal source;
- Address crucial unknowns regarding clinical severity, extent of transmission and infection, treatment
 options, and accelerate the development of diagnostics, therapeutics and vaccines;
- Communicate critical risk and event information to all communities and counter misinformation;
- Minimize social and economic impact through multisectoral partnerships.

^{*}This can be achieved through a combination of public health measures, such as rapid identification, diagnosis and management of the cases, identification and follow up of the contacts, infection prevention and control in health care settings, implementation of health measures for travelers, awareness-raising in the population and risk communication.

PREPAREDNESS AND RESPONSE

- To view all technical guidance documents regarding COVID-19, please go to this webpage.
- WHO has developed interim guidance for laboratory diagnosis, advice on the use of masks during home care and
 in health care settings in the context of the novel coronavirus (2019-nCoV) outbreak, clinical management,
 infection prevention and control in health care settings, home care for patients with suspected novel
 coronavirus, risk communication and community engagement and Global Surveillance for human infection with
 novel coronavirus (2019-nCoV).
- WHO is working closely with International Air Transport Association (IATA) and have jointly developed a guidance document to provide advice to cabin crew and airport workers, based on country queries. The guidance can be found on the IATA webpage.
- WHO has been in regular and direct contact with Member States where cases have been reported. WHO is also informing other countries about the situation and providing support as requested.
- WHO is working with its networks of researchers and other experts to coordinate global work on surveillance, epidemiology, mathematical modelling, diagnostics and virology, clinical care and treatment, infection prevention and control, and risk communication. WHO has issued interim guidance for countries, which are updated regularly.
- WHO has prepared a <u>disease commodity package</u> that includes an essential list of biomedical equipment, medicines and supplies necessary to care for patients with 2019-nCoV.
- WHO has provided recommendations to reduce risk of transmission from animals to humans.
- WHO has published an <u>updated advice for international traffic in relation to the outbreak of the novel</u> coronavirus 2019-nCoV.
- WHO has activated the R&D blueprint to accelerate diagnostics, vaccines, and therapeutics.
- OpenWHO is an interactive, web-based, knowledge-transfer platform offering online courses to improve the
 response to health emergencies. <u>COVID-19 courses can be found here</u> and courses in <u>additional national</u>
 <u>languages here</u>. Specifically, WHO has developed online courses on the following topics:
 - Introduction to Go.Data Field data collection, chains of transmission and contact follow-up. The Go.Data tool is available globally to WHO staff, member states and partners to support outbreak investigation, focusing on field data collection, contact tracing and visualisation of chains of transmission.
 - A general introduction to emerging respiratory viruses, including novel coronaviruses (available in Arabic, Chinese, English, French, Russian, Spanish, Hindi, Indian Sign Language, Persian, Portuguese, Serbian and Turkish);
 - Clinical care for Severe Acute Respiratory Infections (available in English, French, Russian, Indonesian and Vietnamese);
 - Health and safety briefing for respiratory diseases ePROTECT (available in Chinese, English, French, Russian, Spanish, Indonesian and Portuguese);
 - Infection Prevention and Control for Novel Coronavirus (COVID-19) (available in Chinese, English, French, Russian, Spanish, Indonesian, Italian, Japanese, Portuguese and Serbian); and
 - COVID-19 Operational Planning Guidelines and COVID-19 Partners Platform to support country preparedness and response (available in English and coming soon in additional languages).
- WHO is providing guidance on early investigations, which are critical in an outbreak of a new virus. The data collected from the protocols can be used to refine recommendations for surveillance and case definitions, to characterize the key epidemiological transmission features of COVID-19, help understand spread, severity, spectrum of disease, impact on the community and to inform operational models for implementation of countermeasures such as case isolation, contact tracing and isolation. Several protocols are available here. One such protocol is for the investigation of early COVID-19 cases and contacts (the "First Few X (FFX) Cases and contact investigation protocol for 2019-novel coronavirus (2019-nCoV) infection"). The protocol is designed to gain an early understanding of the key clinical, epidemiological and virological characteristics of the first cases of

COVID-19 infection detected in any individual country, to inform the development and updating of public health guidance to manage cases and reduce the potential spread and impact of infection.

RECOMMENDATIONS AND ADVICE FOR THE PUBLIC

If you are not in an area where COVID-19 is spreading or have not travelled from an area where COVID-19 is spreading or have not been in contact with an infected patient, your risk of infection is low. It is understandable that you may feel anxious about the outbreak. Get the facts from reliable sources to help you accurately determine your risks so that you can take reasonable precautions (see Frequently Asked Questions). Seek guidance from WHO, your healthcare provider, your national public health authority or your employer for accurate information on COVID-19 and whether COVID-19 is circulating where you live. It is important to be informed of the situation and take appropriate measures to protect yourself and your family (see Protection measures for everyone).

If you are in an area where there are cases of COVID-19 you need to take the risk of infection seriously. Follow the advice of WHO and guidance issued by national and local health authorities. For most people, COVID-19 infection will cause mild illness however, it can make some people very ill and, in some people, it can be fatal. Older people, and those with pre-existing medical conditions (such as cardiovascular disease, chronic respiratory disease or diabetes) are at risk for severe disease (See <u>Protection measures for persons who are in or have recently visited (past 14 days) areas where COVID-19 is spreading</u>).

CASE DEFINITIONS

WHO periodically updates the <u>Global Surveillance for human infection with coronavirus disease (COVID-19)</u> document which includes case definitions.

For easy reference, case definitions are included below.

Suspect case

A. A patient with acute respiratory illness (fever and at least one sign/symptom of respiratory disease, e.g., cough, shortness of breath), AND a history of travel to or residence in a location reporting community transmission of COVID-19 disease during the 14 days prior to symptom onset.

OR

B. A patient with any acute respiratory illness AND having been in contact with a confirmed or probable COVID-19 case (see definition of contact) in the last 14 days prior to symptom onset;

OR

C. A patient with severe acute respiratory illness (fever and at least one sign/symptom of respiratory disease, e.g., cough, shortness of breath; AND requiring hospitalization) AND in the absence of an alternative diagnosis that fully explains the clinical presentation.

Probable case

- A. A suspect case for whom testing for the COVID-19 virus is inconclusive.
 - a. Inconclusive being the result of the test reported by the laboratory.

OR

B. A suspect case for whom testing could not be performed for any reason.

Confirmed case

A person with laboratory confirmation of COVID-19 infection, irrespective of clinical signs and symptoms.

• Technical guidance for laboratory testing can be found here.

Definition of contact

A contact is a person who experienced any one of the following exposures during the 2 days before and the 14 days after the onset of symptoms of a probable or confirmed case:

- 1. Face-to-face contact with a probable or confirmed case within 1 meter and for more than 15 minutes;
- 2. Direct physical contact with a probable or confirmed case;
- 3. Direct care for a patient with probable or confirmed COVID-19 disease without using proper personal protective equipment¹; OR
- 4. Other situations as indicated by local risk assessments.

Note: for confirmed asymptomatic cases, the period of contact is measured as the 2 days before through the 14 days after the date on which the sample was taken which led to confirmation.

¹ World Health Organization. Infection prevention and control during health care when COVID-19 is suspected <a href="https://www.who.int/publications-detail/infection-prevention-and-control-during-health-care-when-novel-coronavirus-(ncov)-infection-is-suspected-20200125