WEEKLY BULLETIN ON OUTBREAKS AND OTHER EMERGENCIES

Week 23: 1 - 7 June 2020
Data as reported by: 17:00; 7 June 2020

0 New event
114 Ongoing events
104 Outbreaks
10 Humanitarian crises

Legend
- Measles
- Monkeypox
- Lassa fever
- Cholera
- cVDPV2
- COVID-19
- Anthrax
- Malaria
- Floods
- Cases
- Deaths
- Humanitarian crisis
- Hepatitis E
- Yellow fever
- Dengue fever
- Ebola virus disease
- Chikungunya
- Guinea Worm
- Leishmaniasis
- Plague
- Crimean-Congo haemorrhagic fever
- Countries reported in the document
- Non WHO African Region
- WHO Member States with no reported events

Health Emergency Information and Risk Assessment

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This Weekly Bulletin focuses on public health emergencies occurring in the WHO African Region. The WHO Health Emergencies Programme is currently monitoring 114 events in the region. This week's main articles cover the following events:

- Coronavirus disease 2019 (COVID-19) in the WHO African Region
- Ebola virus disease (EVD) in Equateur Province, Democratic Republic of the Congo
- Ebola virus disease (EVD) in North Kivu Province, Democratic Republic of the Congo.

For each of these events, a brief description, followed by public health measures implemented and an interpretation of the situation is provided.

A table is provided at the end of the bulletin with information on all new and ongoing public health events currently being monitored in the region, as well as recent events that have largely been controlled and thus closed.

**Major issues and challenges include:**

- The COVID-19 outbreak continues to grow in the WHO African Region, with most countries experiencing an increase in the number of confirmed cases and deaths. Several countries are also observing new geographic areas being affected, especially the smaller urban centres and rural communities. Many countries continue to ease confinement measures despite the rising COVID-19 cases. In any circumstances, the cornerstone of the response to COVID-19 outbreak in every country must be to find, isolate, test and care for every case, and to trace and quarantine every contact. That is every country’s best defence against the pandemic.

- The new outbreak of EVD in Equateur Province, Democratic Republic of the Congo, is of grave concern in the context of the continued monitoring of the outbreak in North Kivu and Ituri provinces, the COVID-19 outbreak, a long-standing measles outbreak and a complex humanitarian crisis in the country. In both cases, there is a need to sustain the response to Ebola outbreaks, especially a strong and robust surveillance system in order to detect, isolate, test and treat new suspected cases as early as possible, to improve outcome of potential cases, and to break all chains of transmission.


**EVENT DESCRIPTION**

The coronavirus disease 2019 (COVID-19) outbreak continues in the WHO African Region, with an increase in reported cases and deaths. The daily caseload remains high although with differential trends among countries. The region recorded its highest daily total case count of 5,922 on 4 June 2020. South Africa has consistently registered the highest daily increase, with over 2,000 cases reported daily for the past two weeks. However, the high number of cases reported in South Africa could be attributed to the major backlog of test results, therefore some of these cases are historical. Incidences of imported cases within the region and clusters of cases among quarantine sites and prison settings are still on the increase.

From 1 to 7 June 2020 (week 23), there was a 30% increase in the number of confirmed COVID-19 cases, with a total of 30,490 new confirmed COVID-19 cases reported from 44 countries, compared to 23,790 cases reported the previous week. Seven countries observed the highest increase (above 50%) in cases during week 23: Mauritania 79% (from 530 to 947 cases), Ethiopia 72% (from 1,172 to 2,020 cases), Mozambique 68% (from 1,722 to 426 cases), Uganda 63% (from 458 to 745 cases), Central African Republic 62% (from 1,011 to 1,634 cases), Zimbabwe 57% (from 178 to 279 cases) and Malawi 54% (from 284 to 438 cases). Seychelles and Equatorial Guinea have reported zero new confirmed COVID-19 cases in the past 61 and 17 days, respectively. In the same reporting week, Malawi and Namibia reported clusters of cases that were identified in quarantine areas. Three new countries, Cabo Verde, Mauritania and Uganda, joined the list of countries reporting health worker infections this week. An additional 596 deaths were reported from 27 countries in week 23.

From 1 to 7 June 2020, a cumulative total of 133,119 COVID-19 cases, including 132,855 confirmed and 264 probable cases from Sao Tome and Principe (219), Comoros (44) and Democratic Republic of the Congo (1), with 3,210 associated deaths (case fatality ratio 2.4%) has been reported across the region. The highest number of cases have been reported from South Africa (48,285), Nigeria (12,486), Algeria (10,154), Ghana (9,638), Cameroon (7,860), Senegal (4,328), Guinea (4,165), Democratic Republic of the Congo (4,016), Côte d’Ivoire (3,739) and Gabon (3,101). South Africa, Nigeria, Algeria, Ghana and Cameroon represent the top five most-affected countries, accounting for 66% of all cases and 72% of all deaths. The other countries reporting COVID-19 cases are: Kenya (2,767), Ethiopia (2,020), Central African Republic (1,634), Mali (1,533), Guinea-Bissau (1,368), South Sudan (1,317), Zambia (1,154), Madagascar (1,052), Equatorial Guinea (1,043), Niger (973), Sierra Leone (969), Mauritania (947), Burkina Faso (888), Chad (837), Uganda (745), Congo (683), Cabo Verde (554), Sao Tome and Principe (514), United Republic of Tanzania (509), Togo (495), Rwanda (439), Malawi (438), Mozambique (426), Liberia (359), Mauritius (337), Eswatini (333), Zimbabwe (279), Benin (268), Comoros (141), Angola (91), Burundi (83), Eritrea (41), Botswana (40), Namibia (29), Gambia (26), Seychelles (11) and Lesotho (4).

Of the 133,119 confirmed COVID-19 cases, 61,210 (46%) recoveries have been reported from all 47 countries in the region.

As of 7 June 2020, a total of 4,830 health workers have been infected in 36 countries: South Africa (2,084), Nigeria (812), Cameroon (293), Niger (184), Guinea (134), Democratic Republic of the Congo (131), Côte d’Ivoire (130), Ghana (126), Sierra Leone (117), Zambia (111), Guinea-Bissau (79), Senegal (77), Chad (75), Kenya (64), Gabon (57), Equatorial Guinea (53), Liberia (44), Cabo Verde (40), Sao Tome and Principe (40), South Sudan (35), Mauritius (30), Uganda (20), Congo (20), Mauritania (19), Togo (19), Malawi (12), Eswatini (8), Botswana (3), Namibia (3), Benin (2), Madagascar (2), Zimbabwe (2), Angola (1), Burundi (1), Central African Republic (1) and United Republic of Tanzania (1).

Forty-two countries have reported a total of 3,210 deaths in the region, including: South Africa (998), Algeria (707), Nigeria (354), Cameroon (215), Mali (92), Democratic Republic of Congo (84), Kenya (84), Chad (69), Niger (65), Burkina Faso (53), Senegal (49), Sierra Leone (48), Ghana (44), Mauritania (43), Côte d’Ivoire (36), Liberia (30), Ethiopia (27), Guinea (23), Congo (22), Gabon (21), United Republic of Tanzania (21), South Sudan (14), Togo (13), Equatorial Guinea (12), Guinea Bissau (12), Mauritius (10), Sao Tome and Principe (10), Madagascar (9), Zambia (7), Cabo Verde (5), Central African Republic (5), Angola (4), Benin (4), Malawi (4), Zimbabwe (4), Eswatini (3), Comoros (2), Mozambique (2), Rwanda (2), Botswana (1), Burundi (1) and Gambia (1). The countries with the highest case fatality ratios are Liberia 8.4% (30/359), Chad 8.2% (69/837), Algeria 7.0% (707/10 154), Niger 6.7% (65/973), Mali 6.0% (92/1 533), Burkina Faso 6.0% (53/888), Sierra Leone 5.0% (48/969) and Mauritania 4.5% (43/947).

According to the available data on age and gender distribution (n=5,178), males 3,234 (62%) in the 31-39 and 40-49 age groups are more affected than females 1,944 (38%) across the same age groups. The age distribution of cases ranges from one month to 89 years, with a median of 35 years. The ages of the deceased case-patients range from 21 to 88 years, with a median of 58 years.

The distribution of transmission in the region has shown little change in the past two weeks; 27 countries are experiencing community transmission, 13 have clusters of cases and seven have sporadic cases of COVID-19.

**PUBLIC HEALTH ACTIONS**

- WHO is supporting the response to a new Ebola outbreak in northwest Democratic Republic of the Congo. The new outbreak comes as the country continues to respond to the complex Ebola outbreak in the eastern part of the country, as well as the COVID-19 pandemic, the world’s largest measles outbreak, and a complex and long-standing humanitarian crisis.

- Community health mobilizers are on the frontlines of Angola’s COVID-19 response, increasing awareness of COVID-19 among the general population by conducting home visits and social mobilization campaigns in local markets and other busy communal areas.

- Enhanced surveillance for COVID-19 is ongoing in all countries in the African Region, including at the Points of Entry to ensure rapid detection of alerts and cases, and immediate isolation and identification and follow-up of contacts.

- WHO AFRO continues with the deployment of experts upon requests by Member States amidst the travel restrictions.
WHO is leveraging on humanitarian flights and also identifying resourceful persons locally to support their countries.

The deployment of Emergency Medical Teams (EMT) in countries is being monitored and is still awaiting formal requests for support from the Ministries of Health. An assessment of priority countries that will benefit from EMT support is being conducted.

**SITUATION INTERPRETATION**

The COVID-19 pandemic continues to expand in the African region, with the total number of confirmed cases increasing steadily in the past weeks. All countries need to continue with strengthening capacities for critical control measures, including active case finding, testing of all suspected cases, isolating and treating cases, contact tracing and quarantine of at-risk people. Intense communication campaigns and community engagement are still required to increase awareness on physical distancing, hand washing and cough etiquette.

The distribution of confirmed COVID-19 cases in regions by week of reporting, 25 February – 7 June 2020 (n=133 119)
EVENT DESCRIPTION
On 1 June 2020, the Ministry of Health in Democratic Republic of the Congo notified WHO of a fresh outbreak of Ebola virus disease (EVD) in Mbandaka Health Zone, Équateur Province. The event initially involved a cluster of four deaths that occurred between 18 and 30 May 2020. The index case was a 27-year-old female who presented to Wangata hospital on 18 May 2020 and died on 22 May 2020. Three other case-patients from the same community in Air Congo Quarter of Wangata, Mbandaka Health Zone fell ill and died with similar illness. Blood samples obtained from three of the case-patients turned positive for Ebola virus, Zaire ebolavirus species, by reverse transcription polymerase chain reaction (RT-PCR) at the Institute National de Recherche Biomédicale (INRB), Kinshasa on 1 June 2020. On 31 May 2020, the nurse who attended to the initial case-patients, along with his wife, presented with symptoms, and both have been isolated in Wangata hospital and are under investigation. As of 6 June 2020, a total of 12 cases (9 confirmed and 3 probable) with six deaths, three in confirmed cases (case fatality ratio 50.0%) have been reported in three affected health zones: Bikoro (1 confirmed; 1 death), Mbandaka (6 confirmed; 3 probable; 1 death) and Wangata (2 confirmed; 1 death). The case fatality ratio among confirmed cases is 33.3% (3 deaths/9 confirmed cases). Two health workers are among the confirmed cases since the start of the outbreak, 18.2% of all cases. The health zones reporting confirmed and probable cases since the start of the outbreak are Bikoro (1 health area affected), Mbandaka (3 health areas affected) and Wangata (2 health area affected). Thirteen new contacts were recorded as of 5 June 2020, all from Wangata Health Zone, bringing the total number of contacts under follow-up to 178, of whom a total of 150 were seen in the past 24 hours. Only one contact is suspected of being a possible infection. Five alerts, of which one was new, were registered on 5 June 2020; three (60%) were investigated and validated.

PUBLIC HEALTH ACTIONS
- On 5 June 2020, the national Minister of Health, as well as WHO and UNICEF country representatives carried out a working mission to Mbandaka.
- A total of 12,650 screenings of travellers were carried out at 11 out of 16 points of control (PoC), 69% of the total.
- Two alerts were notified and reported to the surveillance commission and teams continued to evaluate the PoCs.
- On 5 June 2020, five samples, (4 blood samples and 1 swab) were received by the laboratory, with three blood samples and the swab analysed; none were positive for Ebola virus.
- Vaccination with rVSV-ZEBOV-GP started on 5 June 2020; 100 people, including 98 first line providers and two contacts of patients were vaccinated. In addition, 25 local providers were briefed in order to reinforce the vaccination teams.
- There were no new admissions of suspected or confirmed patients on 5 June 2020. Four patients are admitted to the Ebola treatment centre (ETC) in Wangata, 2 confirmed and 2 suspected cases. An additional suspected case is being treated at the regional hospital in Wangata.
- Three confirmed cases are reluctant to be transferred to the ETC and remain in the community. The communication and psychosocial care commissions are continuing to negotiate with them and the community in order to facilitate their transfer to the ETC.
- Psychosocial support was provided to the four cases in the ETC in Wangata as well as their families and friends, with teams providing psycho-educational sessions for the families of suspected cases resistant to investigation.
- Four health facilities, as well as three households identified around the first cases were decontaminated on 5 June 2020, and two teams of hygienists were provided to the Mbandaka Health Zone; a risk assessment around exposure of health providers was carried out.
- Risk communication, mobilization and community engagement is being carried out, with 300 posters placed in Mbandaka town, and in the four health areas of Bolenge Health Zone.
- A road map with a statement of needs has been developed, and a rapid anthropological survey is underway in the Air Congo district, Ipeko health area in the Mbandaka Health Zone to guide sensitization activities to overcome community resistance to response activities.
- The security situation has remained relatively calm.

SITUATION INTERPRETATION
This new outbreak of EVD comes in the context of a country already burdened with a long-standing EVD outbreak in North Kivu and Ituri, the COVID-19 outbreak (affecting mainly Kinshasa), an ongoing measles outbreak and a complex humanitarian crisis. Mbandaka is a large town with a population of 1.2 million people with air and river links to Kinshasa and Boende, increasing the risk of localised spread. The risk of disruption to surveillance and routine public health activities as a result of the COVID-19 response will potentially harm the country’s ability to rapidly contain the re-emergence of EVD. Public health measures, particularly a strong and robust surveillance system, required to detect, isolate and treat new suspected cases as early as possible is required to break any new chains of transmission, along with full community engagement with response measures.
EVENT DESCRIPTION

There has been no reported confirmed case of Ebola virus disease (EVD) in Democratic Republic of the Congo during week 23 (week ending 6 June 2020). This is the 39th successive day with zero reported confirmed EVD cases since the resurgence of the outbreak on 10 April 2020.

A seventh possible case, confirmed on 16 May 2020, who had left the Beni health facility where he was in isolation, has come back to the area in apparent good health, 45 days after notification and 49 days after the onset of symptoms on 12 May 2020. Investigations are underway to confirm the details around the case.

As of 5 June 2020, a total of 3,463 EVD cases, including 3,317 confirmed and 146 probable cases have been reported. To date, confirmed cases have been reported from 29 health zones: Ariwara (1), Bunia (4), Komanda (56), Lolwa (6), Mambasa (82), Mandima (347), Nyakunde (2), Rwampara (8) and Tchomia (2) in Ituri Province; Alimbongo (5), Beni (728), Bena (19), Butembo (295), Goma (1), Kalunguta (198), Katwa (653), Kayna (28), Kyondo (25), Lubero (31), Mabalako (463), Manguredjipa (18), Masereka (50), Musienene (85), Mutwanga (32), Nyiragongo (3), Oicha (65), Pinga (1) and Vuhovi (103) in North Kivu Province and Mvenga (6) in South Kivu Province.

As of 5 June 2020, a total of 2,280 deaths were recorded, including 2,134 among confirmed cases, resulting in a case fatality ratio among confirmed cases of 64% (2,134/3,317). As of 5 June 2020, the total number of health workers affected remains at 171, representing 5% of confirmed and probable cases.

All contacts have completed their 21 days of follow-up. A total of 3,088 alerts were received, of which 3,044 were new, and 3,075 were investigated. Among the alerts investigated, 475 (15.4%) were validated. Point of Entry/Point of Control continues, with 46 active PoEs reporting their activities. A cumulative total of 180 million screenings have been carried out since August 2018.

Infection prevention and control (IPC) activities continue, with three providers from two health facilities in Mabolio health area, Beni Health Zone briefed on waste management and on standard IPC precautions; in the Beni and Mangina sub-coordinations, 88 health facilities were monitored and supported and 13 others were provided with IPC kits, with a further 28 providers briefed on IPC measures related to EVD and 324 handwashing points monitored and evaluated.

PUBLIC HEALTH ACTIONS

- Response and surveillance activities are being implemented across all pillars, with preparedness enhanced in surrounding areas.
- Point of Entry/Point of Control continues, with 46 active PoEs submitting reports. A cumulative total of 180 million screenings have been carried out since August 2018.
- The summary of rVSV-ZEBOV-GP vaccination data shows that between 8 August 2018 and 20 May 2020, 305,841 people were identified as eligible for vaccination; 99.4% (n=303,905) of them were vaccinated.
- At the same time, vaccination activities using Ad26-ZEBOV/ MVA-BN-FILO (J&J vaccine) were carried out in the health areas of Majengo and Kalhembe, Kariimi health zone. Between 14 October 2019 and 10 April 2020, 20,339 people received the first dose of this vaccine, and 9,560 of them received the second.
- As of 5 June 2020, a total of 74 patients, all suspected cases of EVD, were hospitalized in the ten operational TCs and ETCs reporting their activities.

SITUATION INTERPRETATION

The 42-day countdown to the declaration of the end of the EVD outbreak continues since its launch on 14 May 2020. Efforts to investigate the origin of the latest cluster of cases are still ongoing, as are the measures to interrupt further transmission of the disease. Given the long duration and large magnitude of the Ebola outbreak in North Kivu, South Kivu and Ituri Provinces in the Democratic Republic of the Congo, there is a risk of re-emergence of the virus during the lead up to the declaration of the end of the outbreak, and for several months following that declaration. It is crucial to maintain a strong and robust surveillance system in order to detect, isolate, test and treat new suspected cases as early as possible, to improve outcome of potential cases, and to break new chains of transmission. Maintaining strong communication and coordination among partners, authorities and affected communities, as well as continuing support for and engagement with EVD survivors are essential in this outbreak response.
Major issues and challenges

- The number of new COVID-19 cases and deaths continues to rise in several countries in the WHO Africa. The disease is also expanding widely to smaller urban centres and rural communities. Many countries continue to ease confinement measures imposed earlier. WHO advises governments to ease the lockdowns in a systematic step-by-step approach as detailed in the guidelines issued.

- The occurrence of a new Ebola virus disease outbreak in Equateur Province, Democratic Republic of the Congo, is of grave concern, coming as it does in the context of the ongoing outbreak in North Kivu, the COVID-19 outbreak, a long-standing measles outbreak and a complex humanitarian crisis. Response activities are likely to be impeded by the focus on COVID-19.

Proposed actions

- African governments need to continue with the containment and mitigation measures that many have implemented, in order to slow the progression of the COVID-19 pandemic. Active case finding, population screening, testing and contact follow-up are particularly important. Governments need to commit local resources, supplemented by the donor communities, to this response. In addition, humanitarian corridors need to be opened up for the movement of essential supplies and personnel in the many countries whose borders have closed as part of their COVID-19 response.

- The new Ebola virus disease outbreak requires robust response activities in order to control this rapidly, break chains of transmission and engage the community in these activities. These should be linked to existing COVID-19 surveillance activities in order to use resources efficiently. Similarly, there is a need to continue to reinforce surveillance and response measures in North Kivu Province in order to prevent a major resurgence of cases. Increased community engagement is necessary in both events. Again, responses to COVID-19 need to complement and not remove focus from continuing EVD surveillance and response.
There are four cases of cVDPV (circulating vaccine-derived poliovirus) in 2020. There are five cVDPV2 cases in the country, all linked to the Jigawa outbreak in Nigeria. South Bujumbura (6 cases). No new cases have been reported in South district of Bujumbura and Cankuzo since December 2019. The last cases were reported in Butezi and were clinically compatible cases and epidemically linked. The geographic distribution of the cases is: Cibitoke (624 cases), Butezi (221 cases), Cankuzo (6 cases) and Bujumbura Centre-Nord (1795 cases). As of April 2020, a total of 857 confirmed measles cases have been reported among which are 56 lab-confirmed measles cases and the rest unconfirmed cases. The reported measles cases are from several outbreaks which occurred in 2019.

On 31 March 2020, the Minister of Health in Burundi reported the first two confirmed cases of COVID-19. The two case-patients are Burundians, 56 and 42 years old, with travel history to Rwanda and the United Arab Emirates respectively. The patients were under quarantine at an isolation hotel in Bujumbura. As of 7 June 2020, a total of 40 confirmed COVID-19 cases are 83, including one death and 45 recovered.

Between 9 March and 5 June 2020, a total of 889 confirmed cases of COVID-19 with 53 deaths and 770 recoveries have been reported from Burkina Faso. Since 2015, the security situation initially in the regions of the Sahel and later in the East of Burkina Faso has gradually deteriorated as a result of attacks by armed groups. This has resulted in mass displacement leading to a total of 765 517 internally displaced persons registered as of 14 February 2020 in all 13 regions in the country. Presence of jihadist groups and self-defence units have created an increasingly volatile security situation. Humanitarian access is restricted in Sahel, North, Centre-North and East regions, while IDP numbers are rising, along with protection concerns. Armed insurgent groups carried out three attacks on civilians and aid workers over 29-30 May 2020. The provisional death toll is 50 people, including at least one humanitarian worker. Health services are severely affected and as of 13 May 2020, 46% of health facilities located in the six regions affected by insecurity are closed, thus depriving more than 1.5 million people of health care, and 11.9% (n=152) have reduced their services to a minimum, following insecurity. Morbidity due to epidemic-prone diseases remaining high and Malnutrition thresholds are alarming in the areas hosting IDPs, mainly in Barsalogho, Djibo, Matiacoali, Arbinda, and Titaou. On 30 March 2020, the Minister of Health and Wellness of Botswana reported three confirmed cases of COVID-19. As of 7 June 2020, a total of 40 confirmed COVID-19 cases are 83, including one death and 45 recovered cases. There are four cases of cVDPV (circulating vaccine-derived poliovirus) in 2020. There are five cVDPV2 cases in the country, all linked to the Jigawa outbreak in Nigeria. Since 2015, the security situation initially in the regions of the Sahel and later in the East of Burkina Faso has gradually deteriorated as a result of attacks by armed groups. This has resulted in mass displacement leading to a total of 765 517 internally displaced persons registered as of 14 February 2020 in all 13 regions in the country. Presence of jihadist groups and self-defence units have created an increasingly volatile security situation. Humanitarian access is restricted in Sahel, North, Centre-North and East regions, while IDP numbers are rising, along with protection concerns. Armed insurgent groups carried out three attacks on civilians and aid workers over 29-30 May 2020. The provisional death toll is 50 people, including at least one humanitarian worker. Health services are severely affected and as of 13 January 2020, according to the report of the Ministry of Health, 9.5% (n=121) of the health facilities located in the six regions affected by insecurity are closed, thus depriving more than 1.5 million people of health care, and 11.9% (n=152) have reduced their services to a minimum, following insecurity. Morbidity due to epidemic-prone diseases remaining high and Malnutrition thresholds are alarming in the areas hosting IDPs, mainly in Barsalogho, Djibo, Matiacoali, Arbinda, and Titaou.
Cameroon continues to face a humanitarian crisis in the Far North Region linked to the terrorist attacks by Boko Haram group, with significant population displacement. Between 25 -31 March, 2020, 60 households of 360 Internally Displaced Persons(IDPs) were forced to move from the Blakodi Kolofata site (Kolofata district, Mayo- Sava department) where they had been installed since 2016, due to an attack by non-state armed group. Since 1 January 2020, there have been 38 attacks by alleged Boko Haram insurgents, resulting in 20 missing people, 95 injuries and 76 deaths. Two health facilities have been attacked, with one destroyed, along with attacks on health workers, with two deaths and one injury reported. Flood waters have receded in Mada and Makary health districts, potentially making them more vulnerable to security incidents. Maroua, the regional capital of Far North is on alert. The Minawao Refugee Camp in the Mokolo Health District continues to host Nigerian refugees, with spontaneous refugee arrivals being recorded weekly.

The humanitarian situation in the Northwest and Southwest (NW & SW) of Cameroon continues to deteriorate with rising tensions between separatists and military forces despite calls for a COVID-19 ceasefire by the UN Secretary General. The Southern Camerooners Defence Forces (SODECAF) is the only non-state armed group (NSAG) that yielded to the UN Secretary General's call for a ceasefire as a result of the pandemic. An estimated 3 889 persons (604 households) in the NWSW were displaced as a result of continued violence in March alone. 70% (2 751 persons; 415 households) of the displaced are from the NW and the remaining 30% from the SW region. Since January 2020, there has been an upsurge in violence especially in the NW region affecting mostly women and children. Shelter, NFIs (Non-Food Items), protection and food continue to be the most urgent needs of the displaced populations.

The chola outbreak affecting two regions, namely South Ouest and Littoral regions is ongoing in Cameroon. Thirty-four new cases, including three deaths were reported in the South Ouest region (10 new cases and one death) and Littoral region (24 new cases and two deaths) during epidemiological week 6 (week ending on 23 February 2020). One new district in south west region (Tiko district) confirmed two new cases, which bring the number of affected districts at three (Bakassi, Ekondo Titi and Tiko districts). In the Littoral region, the total number of affected districts is eight (Nylon, Manoka, Boko, Delo, Banque, Cité des Palmiers, Bonassama, Japoma, New Bell and Logbaba districts).

The first COVID-19 confirmed case was reported in Cape Verde on 19 March 2020. As of 5 June 2020, a total of 536 confirmed COVID-19 cases including five deaths and 240 recoveries were reported in the country.

The Ministry of Health and population announced the confirmation of the first COVID-19 case in the Central African Republic on 14 March 2020. As of 7 June 2020, a total of 1 634 confirmed COVID-19 cases were reported in the country with 38 recoveries.

As of 10 May 2020, a total of 21,219 cases have been confirmed with 91 deaths in the country. From Week 1, 2019 (week ending on 7 January 2019) until week 7, 2020 (week ending on 23 February 2020), a total of 7 626 measles cases including 517 confirmed cases and 83 deaths have been reported in twenty affected districts in Central Africa. A total of 2 315 new suspected measles cases were notified from epidemiological week 1 to week 7 of 2020 in 20 districts among which there are 7 new districts reporting cases in this year. Most cases are under five of age, followed by the age group between 5 to 10 years old. Response activities are ongoing in the affected health districts.

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<th>Start of reporting period</th>
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### Health Emergency Information and Risk Assessment

**Cholera**
- The cholera outbreak situation in the Democratic Republic of Congo is improving. During week 20 (week ending 17 May 2020), a total of 86 cases were reported in the country including 69 deaths and 684 cases who have recovered.

**Dengue Fever**
- Comoros is registering many cases of suspected Dengue fever since December 2019. In total, four isolated cases of Dengue fever type I were confirmed by Institut Pasteur of Madagascar Laboratory in epidemiological week 52 in 2019. In 2020, from epidemiological week 1 to week 13, a total of 696 suspected dengue fever cases were reported with no laboratory confirmation as the country continues to face challenges in laboratory testing. The number of suspected cases peaked in week 12, 2020 with 88 cases reported. Most cases (508) are reported from Anjouan, followed by Moheli islands with 179 suspected Dengue cases. Ngazidja reported nine suspected dengue fever cases from week 1 to week 13.

**COVID-19**
- The Democratic Republic of the Congo continues to experience a complex humanitarian crisis involving armed conflicts and inter-community tension resulting in large numbers of people in need of humanitarian assistance. Populations movement due to armed clashes and inter-community fighting continue to be reported in North-Kivu, Tanganyika, Ituri, Kasai central and South-Kivu provinces. In Ituri, a militia group attack on a FARDC position, 52 km north of Bunia (Matele, Walendu sector Djatsi) in the territory of Djugu, made several victims in the 2 sides and one civilian was wounded. In addition, there have been reports of displacement of almost 15 140 people who have found refuge in the locality of Djupamalawi. In Tanganyika province, a total of 14 health areas have suspended their activities due to insecurity. Around 45 000 internally displaced persons were registered in Nyunzu territory and additional 50 000 IDPs are reported in other territories of Tanganyika. In South Kivu province, heavy rains that resulted in floods in Uvira were reported from 16 to 17 April 2020. A total of 50 deaths and 40 wounded persons, many houses destroyed were reported and currently there is a total of 78 000 persons displaced, including 3500 persons without shelters. Floods were reported also in the city of Kasindi and its surroundings in North Kivu between 20 and 21 May 2020. The preliminary assessment reported 2 victims and few missing people at Kasindi. The displaced persons need basic humanitarian assistance, including access to food, clean water, non-food items, shelters and health care assistance.

**Polio**
- The first case of confirmed COVID-19 was notified on 30 April 2020 in Comoros. As of 7 June, a total of 141 confirmed COVID19, including 2 deaths and 67 recovered were reported in the country.

### Table: Health emergencies and risk assessments

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central African Republic</td>
<td>Poliomyelitis (cVDPV2)</td>
<td>Grade 2</td>
<td>24-May-19</td>
<td>24-May-19</td>
<td>5-Jun-20</td>
<td>22</td>
<td>22</td>
<td>0</td>
<td>0.00%</td>
</tr>
<tr>
<td>Chad</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>19-Mar-20</td>
<td>19-Mar-20</td>
<td>6-Jun-20</td>
<td>837</td>
<td>837</td>
<td>69</td>
<td>8.20%</td>
</tr>
<tr>
<td>Chad</td>
<td>Measles</td>
<td>Ungraded</td>
<td>24-May-18</td>
<td>1-Jan-19</td>
<td>31-May-20</td>
<td>8 193</td>
<td>295</td>
<td>39</td>
<td>0.50%</td>
</tr>
<tr>
<td>Comoros</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>30-Apr-20</td>
<td>30-Apr-20</td>
<td>7-Jun-20</td>
<td>141</td>
<td>141</td>
<td>2</td>
<td>1.40%</td>
</tr>
<tr>
<td>Comoros</td>
<td>Dengue</td>
<td>Ungraded</td>
<td>22-Dec-19</td>
<td>5-Apr-20</td>
<td>696</td>
<td>4</td>
<td>0</td>
<td>0.00%</td>
<td></td>
</tr>
<tr>
<td>Congo</td>
<td>Chikungunya</td>
<td>Grade 1</td>
<td>22-Jan-20</td>
<td>1-Jan-20</td>
<td>9-Feb-20</td>
<td>37</td>
<td>0</td>
<td>0</td>
<td>0.00%</td>
</tr>
<tr>
<td>Congo</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>14-Mar-20</td>
<td>14-Mar-20</td>
<td>7-Jun-20</td>
<td>683</td>
<td>683</td>
<td>22</td>
<td>3.20%</td>
</tr>
<tr>
<td>Côte d’Ivoire</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>11-Mar-20</td>
<td>11-Mar-20</td>
<td>7-Jun-20</td>
<td>3 739</td>
<td>3 739</td>
<td>36</td>
<td>1.00%</td>
</tr>
<tr>
<td>Côte d’Ivoire</td>
<td>Poliomyelitis (cVDPV2)</td>
<td>Ungraded</td>
<td>29-Oct-19</td>
<td>29-Oct-19</td>
<td>5-Jun-20</td>
<td>7</td>
<td>7</td>
<td>0</td>
<td>0.00%</td>
</tr>
<tr>
<td>Democratic Republic of the Congo</td>
<td>Humanitarian crisis</td>
<td>Grade 3</td>
<td>20-Dec-16</td>
<td>17-Apr-17</td>
<td>17-May-20</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Democratic Republic of the Congo</td>
<td>Cholera</td>
<td>Grade 3</td>
<td>16-Jan-15</td>
<td>1-Jan-20</td>
<td>17-May-20</td>
<td>9 630</td>
<td>-</td>
<td>121</td>
<td>1.30%</td>
</tr>
</tbody>
</table>
On 10 March, the Minister of Health announced the presence of the first confirmed COVID-19 case in Kinshasa. As of 6 June 2020, 4,015 confirmed cases and 107 deaths (CFR 2.6%) have been reported in the country.

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Democratic Republic of the Congo</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>10-Mar-20</td>
<td>10-Mar-20</td>
<td>6-Jun-20</td>
<td>4,016</td>
<td>4,015</td>
<td>84</td>
<td>2.10%</td>
</tr>
</tbody>
</table>

For Measles

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Democratic Republic of the Congo</td>
<td>Measles</td>
<td>Grade 2</td>
<td>10-Jan-17</td>
<td>1-Jan-20</td>
<td>24-May-20</td>
<td>60,764</td>
<td>1,124</td>
<td>806</td>
<td>1.30%</td>
</tr>
</tbody>
</table>

For Monkeypox

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Democratic Republic of the Congo</td>
<td>Monkeypox</td>
<td>Ungraded</td>
<td>n/a</td>
<td>1-Jan-20</td>
<td>17-May-20</td>
<td>1,702</td>
<td>-</td>
<td>47</td>
<td>2.80%</td>
</tr>
</tbody>
</table>

For Plague

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Democratic Republic of the Congo</td>
<td>Plague</td>
<td>Ungraded</td>
<td>12-Mar-19</td>
<td>28-Feb-19</td>
<td>22-Mar-20</td>
<td>20</td>
<td>7</td>
<td>35.00%</td>
<td></td>
</tr>
</tbody>
</table>

For Poliomyelitis (cVDPV2)

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Democratic Republic of the Congo</td>
<td>Poliomyelitis (cVDPV2)</td>
<td>Grade 2</td>
<td>15-Feb-18</td>
<td>1-Jan-18</td>
<td>5-Jun-20</td>
<td>113</td>
<td>113</td>
<td>0</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

For Ebola virus

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equatorial Guinea</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>14-Mar-20</td>
<td>14-Mar-20</td>
<td>31-May-20</td>
<td>1,043</td>
<td>1,043</td>
<td>12</td>
<td>1.20%</td>
</tr>
</tbody>
</table>

For Cholera

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eritrea</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>21-Mar-20</td>
<td>21-Mar-20</td>
<td>4-Jun-20</td>
<td>41</td>
<td>41</td>
<td>0</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

For Measles

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eswatini</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>13-Mar-20</td>
<td>13-Mar-20</td>
<td>7-Jun-20</td>
<td>333</td>
<td>333</td>
<td>3</td>
<td>0.90%</td>
</tr>
</tbody>
</table>

For Cholera

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethiopia</td>
<td>Cholera</td>
<td>Ungraded</td>
<td>14-May-19</td>
<td>12-May-19</td>
<td>10-May-20</td>
<td>8,191</td>
<td>112</td>
<td>1,40%</td>
<td></td>
</tr>
</tbody>
</table>

For Measles

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethiopia</td>
<td>Measles</td>
<td>Ungraded</td>
<td>14-Jan-17</td>
<td>1-Jan-19</td>
<td>26-Apr-20</td>
<td>1,873</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Note:** The detailed update given above.
Since the beginning of April 2020, the Ethiopian Dracunculiasis Eradication Program (EDEP) detected six suspected human cases of dracunculiasis in the Duli village of Gog district in the Gambella region. As of 6 May 2020, a total of seven suspected cases with an emerged worm morphologically consistent with human guinea worm have been reported. This report comes after more than two consecutive years of zero reporting, as the last cases were reported in December 2017. Since its establishment in 1993, the EDEP has made remarkable progress towards interruption of disease transmission in humans despite the existence of low-level transmission of the parasite in non-human hosts such as dogs and peri-domestic baboons. Worm specimens from all the suspected cases have already been collected ready for shipment to the CDC lab for confirmation. In response to the outbreak, a team composed of Ethiopian Public Health Institute, Gambella Regional Health Bureau and The Carter Center which is the main global partner of WHO in support of guinea worm eradication, carried out a preliminary investigation and immediate response measures.

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethiopia</td>
<td>Poliomyelitis (cVDPV2)</td>
<td>Ungraded</td>
<td>24-Jun-19</td>
<td>20-May-19</td>
<td>5-Jun-20</td>
<td>25</td>
<td>25</td>
<td>0</td>
<td>0.00%</td>
</tr>
<tr>
<td>Ethiopia</td>
<td>Suspected Guinea Worm Disease</td>
<td>Ungraded</td>
<td>3-Apr-20</td>
<td>3-Apr-20</td>
<td>6-May-20</td>
<td>7</td>
<td>0</td>
<td>0</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

No cVDPV2 cases were reported this week. There has been a total of 25 cases reported in Ethiopia since the beginning of the outbreaks.

On 3 March 2020, the Ethiopian Public Health Institute (EPHI) reported three suspected Yellow fever cases in Ener Enor woreda, Gurahe zone, South Nations Nationalities and Peoples Region (SNNPR). The first 3 reported cases were members of the same household (father, mother and son) located in a rural kebele. Two of three samples tested positive at the national level on RT-PCR and were subsequently confirmed positive by plaque reduction neutralization testing (PRNT) at the regional reference laboratory, Uganda Viral Research Institute (UVRI) on 28 March 2020. In response to the positive RT-PCR results, Ethiopia performed an in-depth investigation and response, supported by partners including WHO. As of 30 March, a total of 85 suspect cases have been notified from 5 kebele in Ener Enor woreda, of which 55 are reported from Wedesa kebele. Laboratory testing is ongoing at the national laboratory.

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gabon</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>12-Mar-20</td>
<td>12-Mar-20</td>
<td>3-Jun-20</td>
<td>2 902</td>
<td>2 902</td>
<td>20</td>
<td>0.70%</td>
</tr>
</tbody>
</table>

On 12 March 2020, the Ministry of Health announced the confirmation of the first COVID-19 case in the country. As of 3 June 2020, a total of 2 902 cases including twenty deaths and 801 recovered have been reported in the country.

The first COVID-19 confirmed case was reported in the Gambia on 17 March 2020. As of 7 June 2020, a total of 26 confirmed COVID-19 cases including one death and 21 recoveries have been reported in the country.

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guinea</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>13-Mar-20</td>
<td>13-Mar-20</td>
<td>7-Jun-20</td>
<td>4 165</td>
<td>4 165</td>
<td>23</td>
<td>0.60%</td>
</tr>
</tbody>
</table>

On 12 March 2020, the Ministry of Health announced the confirmation of two new COVID-19 cases in the country. As of 7 June 2020, a total of 9 638 cases including 44 deaths and 3 636 recoveries have been reported in the country.

On 3 March 2020, the Ethiopian Public Health Institute (EPHI) reported three suspected Yellow fever cases in Ener Enor woreda. Laboratory testing is ongoing at the national laboratory.

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guinea</td>
<td>Measles</td>
<td>Ungraded</td>
<td>9-May-18</td>
<td>1-Jan-19</td>
<td>3-Nov-19</td>
<td>4 690</td>
<td>1 091</td>
<td>18</td>
<td>0.30%</td>
</tr>
</tbody>
</table>

During week 44 (week ending 3 November 2019), 127 suspected cases of measles were reported. From week 1 to 44 (1 January – 3 November 2019), a total of 4 690 suspected cases including 18 deaths (CFR 0.4%) have been reported. Of the 4 690 suspected cases, 1 773 were sampled, of which 1 091 tested positive for measles by serology. Three localities in three health districts are in the epidemic phase, namely, Waindindara in Ratora health district, Donnet in Mamou health district and Soumpoura in Tougue health district.

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guinea-Bissau</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>25-Mar-20</td>
<td>25-Mar-20</td>
<td>7-Jun-20</td>
<td>1 368</td>
<td>1 368</td>
<td>12</td>
<td>0.90%</td>
</tr>
</tbody>
</table>

As of 7 June 2020, the country has 1368 confirmed cases of COVID-19 with 153 recoveries and 12 deaths. On 25 March 2020, the Ministry of Health of Guinea-Bissau reported the first COVID-19 confirmed cases in the country.

A chikungunya outbreak was reported in Kenya and has affected Hagadera Sub County in Garissa County. As of reporting date, a total of 163 cases with 17 confirmed positives have been reported. The index case was seen on 31 December 2019.

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kenya</td>
<td>Chikungunya</td>
<td>Ungraded</td>
<td>24-Jan-20</td>
<td>31-Dec-19</td>
<td>16-Feb-20</td>
<td>202</td>
<td>17</td>
<td>0</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

In week 20 (week ending 17 May 2020), 18 new suspected cases were reported from Marsabit and Turkana counties. Since 1 January 2020, cholera outbreak has been reported in five counties namely: Garissa, Marsabit, Muranga, Turkana and Wajir. Cumulatively, a total of 555 cases with 13 deaths has been reported. The outbreak is currently active in Marsabit and Turkana counties.

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kenya</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>13-Mar-20</td>
<td>13-Mar-20</td>
<td>7-Jun-20</td>
<td>2 767</td>
<td>2 767</td>
<td>84</td>
<td>3.00%</td>
</tr>
</tbody>
</table>

On 12 March 2020, the Ministry of Health announced the confirmation of one new COVID-19 cases in the country. As of 7 June 2020, 2767 confirmed COVID-19 cases including 84 deaths and 752 recoveries have been reported in the country.

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WCO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kenya</td>
<td>Leishmaniasis</td>
<td>Ungraded</td>
<td>31-Mar-19</td>
<td>3-Jan-20</td>
<td>17-May-20</td>
<td>95</td>
<td>47</td>
<td>4</td>
<td>4.20%</td>
</tr>
</tbody>
</table>

In week 20 (week ending 17 May 2020), no new case was reported. Since the beginning of the outbreak, suspected and confirmed cases of leishmaniasis have been reported from Garissa, Kitui, Mandera, Marsabit, Wajir counties.
Health Emergency Information and Risk Assessment

13-Mar-20
4.30%
530
31-May-20
20-Feb-18
485
13-Mar-20
10-May-20
0.00%
COVID-19
1-Jan-19
218
0
Grade 3
530
Ungraded
Measles

Case have been reported in the country including 92 deaths and 873 recoveries. On 25 March 2020, the Ministry of Health of Mali reported the first COVID-19 confirmed cases in the country. As of 7 June 2020, a total of 1 533 confirmed COVID-19 cases have been reported across the country, out of which 234 have recovered.

The security situation continues to worsen as violence spreads from the north to the more populated central regions of the country. Persistent insecurity and intercommunal violence displaced nearly 100 000 people from February 2019 to February 2020, bringing the total number of internally displaced persons (IDPs) in Mali to approximately 219 000 people, according to the UN. The Faladie IDP camp, located in the capital Bamako, was destroyed by fire on 28 April. The fire reportedly started from the burning of a pile of rubbish. The country continues to face infectious diseases outbreaks which include yellow fever, measles, and dengue. Cases of COVID-19 were confirmed positive. On 1 June 2020, two more cases were reported, thus four total cases have been reported including 1 recovery.

Liberia Government confirmed the first case of COVID-19 on 16 March 2020. The case-patient was reported to have returned from Switzerland on 15 March 2020. As of 24 May 2020, a total of 265 cases with 26 deaths have been reported from the country. A total of 139 case-patients have recovered.

On 13 May 2020, WHO was notified of the first confirmed COVID-19 case in Lesotho. The case was a traveller from Saudi Arabia via South Africa and was asymptomatic. The results from the sample sent to the NICD laboratory in South Africa tested positive on 12 May 2020. On 22 May, a second case with travel history to South Africa was confirmed positive. On 1 June 2020, two more cases were reported, thus four total cases have been reported including 1 recovery.

Liberia COVID-19 Grade 3 16-Mar-20 16-Mar-20 24-May-20 265 265 26 9.80%
Liberia Lassa fever Ungraded 23-Jan-19 1-Jan-20 3-May-20 120 40 18 15.00%

Of 120 suspected cases reported across the country from 1 January to 3 May 2020, 40 were confirmed. A total of 18 deaths (CFR 45.0%) have been reported among the confirmed cases.

In week 22 (week ending on 31 May 2020), 7 suspected cases were reported from 3 out of 15 counties across the country. Since the beginning of 2020, 593 cases with 3 associated deaths have been reported across the country, of which 81 are laboratory-confirmed, 228 are epi-linked, and 109 are clinically confirmed.

Madagascar COVID-19 Grade 3 20-Mar-20 20-Mar-20 7-Jun-20 1 052 1 052 9 0.90%
Madagascar Ministry of Health announced the confirmation of the first COVID-19 case on 14 March 2020. As of 7 June 2020, a total of 1052 cases have been reported in the country, out of which 234 have recovered.

On 2 April 2020, the president of Malawi announced the first confirmed cases of COVID-19 in the country. As of 7 June 2020, the country has a total of 438 confirmed cases with four deaths and 55 recoveries.

The security situation continues to worsen as violence spreads from the north to the more populated central regions of the country. Persistent insecurity and intercommunal violence displaced nearly 100 000 people from February 2019 to February 2020, bringing the total number of internally displaced persons (IDPs) in Mali to approximately 219 000 people, according to the UN. The Faladie IDP camp, located in the capital Bamako, was destroyed by fire on 28 April. The fire reportedly started from the burning of a pile of rubbish. The country continues to face infectious diseases outbreaks which include yellow fever, measles, and dengue. Cases of COVID-19 were confirmed positive. On 1 June 2020, two more cases were reported, thus four total cases have been reported including 1 recovery.

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Erongo 1 588 (22%) since the outbreak began. 63 deaths (CFR 0.9%) have been reported countrywide. Khomas Region remains the most affected region, accounting for 4 593 (62%) of reported cases, followed by

In weeks 7 and 8 (week ending 23 February 2020), 99 new cases were reported countrywide with the majority (62 cases) from Khomas region. Since the beginning of

Two cases of novel coronavirus (COVID-19) were confirmed in Namibia on 14 March 2020. As of 7 June 2020, a total of 424 confirmed COVID-19 cases were reported in the country with 127 recoveries.

Two cases of novel coronavirus (COVID-19) were confirmed in Namibia on 14 March 2020. As of 7 June 2020, a total of 29 cases have been reported in the country including 16 cases who recovered.

In weeks 7 and 8 (week ending 23 February 2020), 99 new cases were reported countrywide with the majority (62 cases) from Khomas region. Since the beginning of the outbreak in December 2017, a cumulative total of 7 384 cases (1 872 laboratory-confirmed, 4 535 epidemiologically linked, and 977 suspected cases) including 16 cases who recovered.

The first COVID-19 confirmed case was reported in Mozambique on 22 March 2020. As of 7 June 2020, a total of 424 confirmed COVID-19 cases were reported in the country with 127 recoveries.

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Two cases of novel coronavirus (COVID-19) were confirmed in Namibia on 14 March 2020. As of 7 June 2020, a total of 424 confirmed COVID-19 cases were reported in the country with 127 recoveries.

The Federal Ministry of Health of Nigeria announced the first confirmed case of COVID-19 in Lagos, Nigeria on 27 February 2020. As of 4 June 2020, a total of 11 516 confirmed cases including 323 deaths and 3 535 recovered cases have been reported in the country.

Two cases of novel coronavirus (COVID-19) were confirmed in Namibia on 14 March 2020. As of 7 June 2020, a total of 29 cases have been reported in the country including 16 cases who recovered.

The humanitarian crisis in the North-eastern part of Nigeria persists with continued population displacement from security compromised areas characterized by overcrowded population in many camps in the region. Health Sector partners are supporting the government led COVID-19 response across the three states, including support through joint resource mobilization activities, overall coordination and monitoring of the response in the northeast.

1 case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported in 2020. There were 1 cVDPV2 in 2020, 18 cVDPV2 cases reported in 2019 and 34 in 2018 for a total of 53 since 2018.
### Health Emergency Information and Risk Assessment

<table>
<thead>
<tr>
<th>Country</th>
<th>Event</th>
<th>Grade</th>
<th>Date notified to WGO</th>
<th>Start of reporting period</th>
<th>End of reporting period</th>
<th>Total cases</th>
<th>Cases Confirmed</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rwanda</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>14-Mar-20</td>
<td>14-Mar-20</td>
<td>7-Jun-20</td>
<td>439</td>
<td>439</td>
<td>2</td>
<td>0.50%</td>
</tr>
<tr>
<td>Sao Tome and Principe</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>6-Apr-20</td>
<td>6-Apr-20</td>
<td>7-Jun-20</td>
<td>514</td>
<td>295</td>
<td>10</td>
<td>1.90%</td>
</tr>
<tr>
<td>Senegal</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>2-Mar-20</td>
<td>2-Mar-20</td>
<td>7-Jun-20</td>
<td>4,328</td>
<td>4,328</td>
<td>49</td>
<td>1.10%</td>
</tr>
<tr>
<td>Between 2 March 2020 and 7 June 2020, a total of 4,328 confirmed cases of COVID-19 including 49 deaths have been reported from Senegal. A total of 2,588 cases have recovered.</td>
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<tr>
<td>Seychelles</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>14-Mar-20</td>
<td>14-Mar-20</td>
<td>7-Jun-20</td>
<td>11</td>
<td>11</td>
<td>0</td>
<td>0.00%</td>
</tr>
<tr>
<td>The first COVID-19 confirmed cases were reported in Seychelles 14 March 2020. As of 7 June, a total of 11 cases have been reported in the country, all eleven of whom have made full recoveries. The last confirmed case was reported on 6 April 2020.</td>
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<tr>
<td>Seychelles</td>
<td>Measles</td>
<td>Ungraded</td>
<td>21-Jan-20</td>
<td>13-Jan-20</td>
<td>18-May-20</td>
<td>79</td>
<td>27</td>
<td>0</td>
<td>0.00%</td>
</tr>
<tr>
<td>As of 18 May there has been no new cases of measles in the country. As of 20 February 2020, a total of 27 confirmed measles cases with no deaths were reported. All reported confirmed cases are from Praslin Island, although two were detected on Mahe Island. All age groups have been affected.</td>
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<tr>
<td>Sierra Leone</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>31-Mar-20</td>
<td>27-Mar-20</td>
<td>7-Jun-20</td>
<td>969</td>
<td>969</td>
<td>48</td>
<td>5.00%</td>
</tr>
<tr>
<td>On 31 March 2020, the President of Sierra Leone reported the first confirmed COVID-19 case in the country. As of 7 June 2020, a total of 969 confirmed COVID-19 cases were reported in the country including 48 deaths and 608 recovered cases.</td>
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<tr>
<td>South Africa</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>5-Mar-20</td>
<td>3-Mar-20</td>
<td>7-Jun-20</td>
<td>48,285</td>
<td>48,285</td>
<td>998</td>
<td>2.10%</td>
</tr>
<tr>
<td>South Africa continues to report cases of COVID-19. From 5 March to 7 June 2020, a total of 48,285 confirmed cases with 998 deaths have been reported from all provinces across the country. A total of 24,364 cases have recovered.</td>
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<tr>
<td>South Sudan</td>
<td>Measles</td>
<td>Ungraded</td>
<td>24-Nov-18</td>
<td>1-Jan-19</td>
<td>26-Jan-20</td>
<td>4,732</td>
<td>247</td>
<td>26</td>
<td>0.50%</td>
</tr>
<tr>
<td>The humanitarian situation has been largely calm but unpredictable in most of the states. The number of internally displaced people (IDPs) in South Sudan was estimated at 1.47 million. Malnutrition continues to be a problem in the country as more than 6.35 million people are reported to be severely food insecure in South Sudan. Communicable disease burden remains high with ten counties reporting malaria cases above their epidemic thresholds and measles cases being reported from 16 counties (Abayei, Mayom, Melut, Aweil South, Aweil East, Tonj North, Juba, Wau, Aweil West, Gogrial West, Gogrial East, Renk, Tonj South, Jur River, Pibor and Yambio) and four protections of civilian (POC) sites (Juba, Bentiu, Malakal and Wau).</td>
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<tr>
<td>South Sudan</td>
<td>Hepatitis E</td>
<td>Ungraded</td>
<td>3-Jan-19</td>
<td>19-Apr-20</td>
<td>274</td>
<td>41</td>
<td>3</td>
<td>1.10%</td>
<td></td>
</tr>
<tr>
<td>The current outbreak in Bentiu UN Protection of Civilians (POC) continues since the beginning of 2019. As of the reporting date, a total of 274 cases of Hepatitis E including two deaths have been reported from South Sudan, mostly from Bentiu POC (262 cases), and a total of 12 suspected cases including 4 confirmed cases in Lankein. The last case in Lankein was reported in week 25 (week ending on 23 June 2019). There were three new cases reported in week 16 (ending 19 April 2020).</td>
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<tr>
<td>South Sudan</td>
<td>Yellow fever</td>
<td>Ungraded</td>
<td>3-Mar-20</td>
<td>3-Mar-20</td>
<td>5-Apr-20</td>
<td>2</td>
<td>2</td>
<td>0</td>
<td>0.00%</td>
</tr>
<tr>
<td>On 3 March 2020, the Ministry of Health of South Sudan reported 2 cases of presumptive yellow fever, found IgM positive at the regional reference laboratory, Uganda Viral Research Institute (UVRI). Eventually on 28 March 2020, the two cases were confirmed for yellow fever after plaque reduction neutralization testing (PRNT). As of 5 April 2020, there are two confirmed cases reported.</td>
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</tr>
<tr>
<td>Tanzania, United Republic of</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>16-Mar-20</td>
<td>16-Mar-20</td>
<td>7-Jun-20</td>
<td>509</td>
<td>509</td>
<td>21</td>
<td>4.10%</td>
</tr>
<tr>
<td>The Ministry of Health, Community Health Community Development, Gender, Elderly and Children (MOHCDGEC) in Tanzania has reported the country's first case of COVID-19 on 16 March 2020. As of 31 May 2020, a total of 509 cases have been reported in the country including 21 deaths and 180 recovered cases. Tanzania mainland last reported a confirmed case on 29 April 2020.</td>
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<tr>
<td>Togo</td>
<td>COVID-19</td>
<td>Grade 3</td>
<td>6-Mar-20</td>
<td>1-Mar-20</td>
<td>7-Jun-20</td>
<td>495</td>
<td>495</td>
<td>13</td>
<td>2.60%</td>
</tr>
<tr>
<td>On 6 March 2020, the Ministry of Health and Public Hygiene of Togo announced the confirmation of its first case of COVID-19. As of 7 June 2020, a total of 495 cases including 13 deaths and 248 recovered cases have been reported in the country.</td>
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</tbody>
</table>
One cVDPV2 cases were reported this week. There have been seven cases so far in 2020 while the total number of cVDPV2 cases reported in 2019 remains eight for a total of 14 cases since the start of the report.

Togo | Yellow Fever | Ungraded | 4-Feb-20 | 3-Feb-20 | 5-Jun-20 | 1 | 1 | 1 | 100.00%

On 28 April 2020, WHO received information regarding a confirmed yellow fever case in Mango village, Oti district, Savanes region in northern part of Togo. The results were confirmed at the yellow fever reference laboratory, Institute Pasteur in Dakar, Senegal by seroneutralisation. The case is a 55-year-old female with no travel or vaccination history for yellow fever. On 3 February 2020, she presented to a health facility with symptoms of fever with aches. The following day she developed jaundice and a blood sample was taken and transported to the national laboratory as yellow fever was suspected. The case-patient died three days later while receiving treatment. On 17 March, the sample tested IgM positive for yellow fever. On 22 March 2020, an in-depth multi-disciplinary investigation was conducted, and no additional case was detected.

Uganda

Between 1 and 31 March 2019, a total of 17 157 new refugee arrivals crossed into Uganda from the Democratic Republic of the Congo (10 266), South Sudan (6 407) and Burundi (1 484). Uganda hosted 1 423 377 asylum seekers as of 31 March 2019, with 94% living in settlements in 11 of Uganda’s 128 districts and in Kampala. Most are women within the age group 18 - 59 years.

On 11 May 2020, a cholera outbreak was confirmed in Moroto district. The index case was a 17-year-old male patient from Natapar Kocuc Village, Loputuk parish, Nadunget Subcounty who was seen on 29 April 2020 with acute watery diarrhoea and severe dehydration. On 4 May 2020 more cases with similar symptoms from the same location with the index case were seen and cholera was suspected. On 11 May 2020, CPHL confirming Vibrio cholerae serotype 01 Inaba detected in 7 out of 8 stool samples that were collected. As of 29 May 2020, the cumulative number of cases is 235 including 4 deaths.

On 11 May 2020, a cholera outbreak was confirmed in Nanyuki, Laikipia County. The index case was seen on 24 April 2020 with acute watery diarrhoea and vomiting. A blood sample was taken and transported to the national laboratory. On 29 May 2020, CPHL confirming Vibrio cholerae serotype 01 Inaba detected in 8 stool samples that were collected. As of 29 May 2020, the cumulative number of cases is 235 including 4 deaths.

On 28 April 2020, WHO received an update regarding the malaria situation in Uganda. Since the beginning of the year and as of 26 April 2020, there have been 236 865 malaria cases and 226 deaths. This is an almost doubling of the cases in comparison for the same time period in 2018 when 120 758 cases and 109 deaths were reported, and 2019, when 137 843 cases and 137 deaths were reported. The outbreaks are densely clustered in the eastern districts and scattered in the southern and northern districts of the country (highly affected provinces are Manicaland, Mash East, Mash Central). Health Facilities in affected areas face the overwhelming malaria situation in the context of COVID 19 pandemic. The surge of cases poses negative impact on elimination efforts in 28 districts.

Data are taken from the most recently available situation reports sent to WHO AFRO. Numbers are subject to change as the situations are dynamic.
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