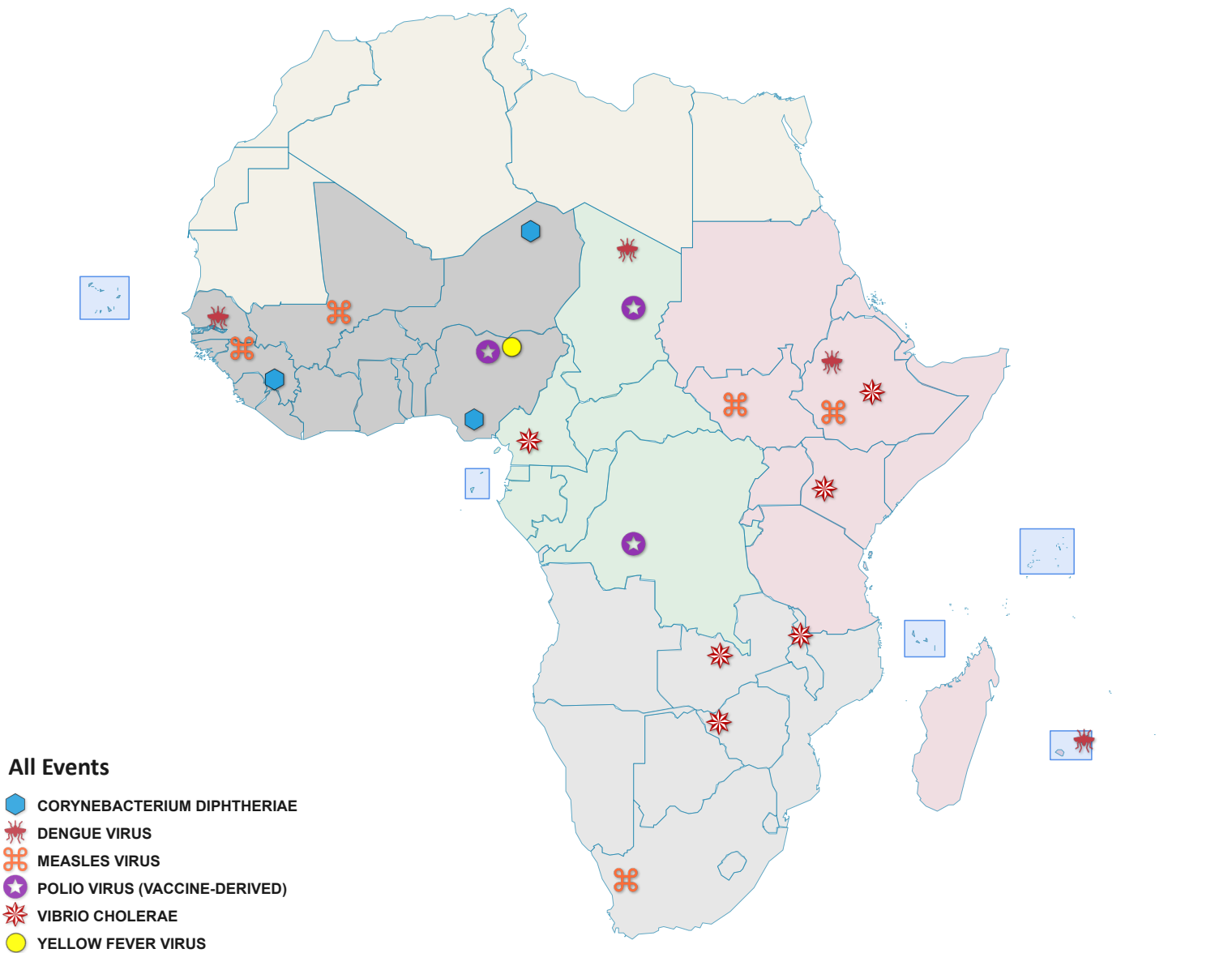


Africa CDC Weekly Event Based Surveillance Report

Period: 28 Aug - 03 Sep 2023



* boxes □ represent AU Member States that are islands

Note: The boundaries and names shown and the designations used on this map do not imply official endorsement or acceptance by the African Union.

High Risk Events

Cholera in Africa Combo

84,376 confirmed case(s)
94,296 suspected case(s)
2,799 human deaths (**CFR: 1.6%**)

Agent/Pathogen	Vibrio cholerae	First Reported	06-Jan-2023	Previous Report Update	25-Aug-2023
First Occurred	01-Jan-2023	Country	Africa Combo	Location	17 MS
Source	Ministry of Health	GeoScope	MODERATE	Human Risk Assessment	HIGH

Update to Event:

Since the beginning of this year, 178,672 cases (84,376 confirmed; 94,296 suspected) and 2,799 deaths [Case Fatality Ratio (CFR): 1.5%] of cholera were reported from 17 African Union (AU) Member States (MS): Burundi (603 cases; 9 deaths), Cameroon (20,025; 481), Congo (93; 9), Democratic Republic of Congo (DRC) (31,342; 230), eSwatini (2; 0), Ethiopia (18,892; 236), Kenya (8,773; 145), Malawi (42,894; 1,260), Mozambique (34,171; 144), Nigeria (2,052; 79), Somalia (12,374; 30), South Africa (1,074; 47), South Sudan (1,471; 2), Tanzania (87; 3), Uganda (73; 9), Zambia (850; 19) and Zimbabwe (3,896; 96).

This week, 1,114 new cases and 22 new deaths of cholera were reported from six AU MS: Cameroon, Ethiopia, Kenya, Malawi, Mozambique and Zimbabwe.

Cameroon: Since the last update (25 August 2023), the Ministry of Health (MoH) reported 140 new cases (25 new confirmed; 115 suspected) and one new death (CFR: 0.7%) of cholera. Cumulatively 20,025 cases (1,958 confirmed; 18,067 suspected) and 481 deaths (CFR: 2.4%) of cholera have been reported from Cameroon. The outbreak is active in three of 10 regions in Cameroon.

Ethiopia: Since the last update (25 August 2023), the Ethiopia Public Health Institute (EPHI) reported 667 new suspected cases and 17 new deaths (CFR: 2.5%) of cholera. Cumulatively, 18,892 cases (26 confirmed; 18,866 suspected) and 236 deaths (CFR: 1.2%) have been reported. The outbreak is active in eight of the 11 regions in Ethiopia.

Kenya: Since the last update (25 August 2023), the MoH reported 43 new suspected cases and no new deaths of cholera. Cumulatively, 8,773 cases (1,827 confirmed; 6,946 suspected) and 145 deaths (CFR: 1.6%) were reported from 27 of the 47 counties in Kenya. Currently, the outbreak is active in one of the 27 counties. Thirty-three percent of the total cases are children below 10 years.

Malawi: Since the last update (11 August 2023), the MoH reported four new confirmed cases and no new deaths of cholera. Cumulatively, 42,899 confirmed cases and 1,260 deaths (CFR: 2.9%) have been reported from all 29 districts in Malawi this year.

Mozambique: Since the last update (25 August 2023), the MoH reported 164 new confirmed cases and no new deaths of cholera. Cumulatively, 34,171 confirmed cases and 144 deaths (CFR: 0.4%) have been reported from 10 of the 11 provinces in Mozambique this year.

Zambia: On 31 August 2023, the Zambia National Public Health Institute (ZNPPI) reported 93 new cases (45 confirmed; 48 suspected) and four new deaths (CFR: 3.2%) of cholera from Nsama district, Northern province. The current outbreak is reported to have started 15 days after the official declaration of end of the previous outbreak that affected nine of 116 districts in Zambia. Since the beginning of this year, 850 cases (351 confirmed; 499 suspected) and 19 deaths (CFR: 2.2%) have been reported.

Zimbabwe: Since the last update (25 August 2023), the MoH reported three new confirmed cases and no new deaths of cholera. Cumulatively, 3,896 cases (866 confirmed; 3,030 suspected) and 96 deaths (CFR: 2.5%) have been reported from 41 of 59 districts in Zimbabwe.

Response by MS/partner/Africa CDC:

The MoH of affected Member States continue to conduct enhanced surveillance, case management, risk communication, water hygiene and sanitation (WASH) interventions and enhanced targeted testing of all samples in the affected districts/regions/provinces.

Diphtheria in Africa Combo

2,902 confirmed case(s)
5,839 suspected case(s) **244**
 human deaths (**CFR: 8.4%**)

Agent/Pathogen	Corynebacterium diphtheriae	First Reported	18-Aug-2023	Previous Report Update	25-Aug-2023
First Occurred	01-Aug-2023	Country	Africa Combo	Location	4 MS
Source	Ministry of Health	GeoScope	MODERATE	Human Risk Assessment	HIGH

Update to Event:

Since January 2023, a total of 8,741 cases (2,902 confirmed; 5,839 suspected) and 244 deaths (CFR: 8.4%) of diphtheria have been reported in three African Union Member States (MS): Algeria: (80 cases, 10 deaths), Guinea (113; 35), Niger (313; 8) and Nigeria (8,235; 191).

This week, 275 new cases (123 confirmed; 152 suspected) and four new deaths of diphtheria were reported from Guinea, Niger and Nigeria.

Guinea: Since the last update (25 August 2023), the MoH reported 12 new suspected cases and three new deaths (CFR: 25%) of diphtheria. On average, there has been a 14% increase in the number of new cases and a 9% increase in new deaths reported over the past four weeks. Cumulatively, 113 cases (7 confirmed; 106 suspected) and 35 deaths (CFR: 31%) have been reported from all the four districts in Kankan region: Kankan (8 cases; 8 deaths), Kouroussa (2; 2), Mandian (6; 6) and Siguiri (97;19).

Niger: Since the last update (25 August 2023), the MoH reported 22 new suspected cases, 19 confirmed cases and no new deaths of diphtheria. Cumulatively, 313 cases (291 confirmed; 22 suspected) and eight deaths (CFR: 2.7%) have been reported from one of eight regions in Niger. The most affected age-groups were 1-29 years (93%) and only 104 (33%) of the total cases were vaccinated against diphtheria.

Nigeria: Since the last update (18 August 2023), the NCDC reported 222 cases (104 confirmed; 118 suspected) and one new death (CFR: 0.5%) diphtheria. Cumulatively, 8,235 cases (2,588 confirmed; 5,647 suspected) and 191 deaths (CFR: 7.3%) have been reported from 28 of 36 states of Nigeria. Children between 1-14 years (71%) were mostly affected and only 22.3% of the cases were fully vaccinated.

COVID-19 in Africa Combo

12,314,546 confirmed case(s)
258,500 human deaths (**CFR: 2.1%**)
43,760 HCW confirmed case(s)
150 HCW deaths (**HCW CFR: 0.3%**)

Agent/Pathogen	SARS-CoV-2	First Reported	21-Feb-2020	Previous Report Update	18-Aug-2023
First Occurred	14-Feb-2020	Country	Africa Combo	Location	All 55 MS
Source	Ministry of Health	GeoScope	VERY HIGH	Human Risk Assessment	MODERATE

Update to Event:

As of 6 p.m. East African Time (EAT) 1 September 2023, a total of 12,314,787 COVID-19 cases and 258,502 deaths (CFR: 2.1%) have been reported by the 55 AU MS. This represents 2% of all cases and 4% of all deaths reported globally.

Fifty-three MS have reported COVID-19 cases infected with the Alpha (50 MS), Beta (45), Delta (53), Gamma (5) and Omicron (51) variants of concern (VOC). Additionally, 32 MS have reported the presence of the Omicron BA.2 subvariant, 17 Member States reported the Omicron sub lineage (XBB.1.5), 12 MS reported the Omicron sub lineage (BF.7 or BA.5.2.1.7), and 2 Member States have reported the Omicron sub lineage (XBB.1.16). Another subvariant of Omicron (B.1.1.529) called EG.5 has been detected and reported in Africa, Americas, Asia, Europe and Oceania. As of 24 August 2023, five Member States (Cape Verde, Egypt, Kenya, South Africa and Uganda) have reported the presence of this new variant of interest (VOI). Following an initial risk assessment conducted by the [World Health Organization \(WHO\)](#), the public health risk associated with EG.5 is currently rated as low on a global level, similar to the risk of XBB.1.16 and other VOIs.

Fifty-four (98%) MS are currently providing COVID-19 vaccination to the general population. Cumulatively, 1.1 billion doses have been administered on the continent. Of these doses administered, 570.5 million people have been partially vaccinated, and 453.8 million have been fully vaccinated. Eritrea is the only AU MS yet to start COVID-19 vaccination roll out.

For Epi week 34 (21 - 27 August 2023), 241 new COVID-19 cases were reported, which is a 94% increase in the number of new cases reported compared to the previous week (33). The Northern region accounted for 67% of the new COVID-19 cases reported this week, followed by the Western (27%), Central (5%), Southern (1%) and no case reported in the Eastern region.

Last week, two new COVID-19 deaths were reported from the Western region.

More than two thousand new tests were conducted during the past week. The weekly % test positivity increased from 6% to 8% compared to the previous week. Since February 2020, over 133 million COVID-19 tests have been conducted in Africa.

Response by MS/partner/Africa CDC:

The emergency operations center (EOC) of the Africa Centres for Disease Control and Prevention (Africa CDC) has been activated for COVID-19 since 27 January 2020. For more information on Africa CDC's response efforts please refer to Africa CDC's website, [Hotspot dashboard](#), [PGI Dashboard](#), [Vaccination Dashboard](#) and the Africa CDC COVID-19 brief https://au.int/sites/default/files/documents/42763-doc-AfricaCDC_COVIDBrief_5May23_EN.pdf

Measles in Africa Combo

18,797 confirmed case(s)
245,993 suspected case(s)
3,593 human deaths (**CFR: 1.4%**)

Agent/Pathogen	Measles virus	First Reported	06-Jan-2023	Previous Report Update	25-Aug-2023
First Occurred	01-Jan-2023	Country	Africa Combo	Location	27 MS
Source	Ministry of Health	GeoScope	MODERATE	Human Risk Assessment	MODERATE

Update to Event:

Since the beginning of this year, 264,790 (18,797 confirmed; 245,993 suspected) and 3,593 deaths (CFR: 1.4%) of measles were reported from 27 AU MS: Angola (6,203 cases; 53 deaths), Botswana (13; 0), Burkina Faso (24; 0), Burundi (319; 0), Cameroon (8,503; 64), Central African Republic (CAR) (2,419; 0), Chad (8,915; 7), Congo (288; 1), DRC (190,598; 3,187), Ethiopia (13,448; 122), Gabon (2,709; 0), Gambia (208; 0), Ghana (212; 0), Guinea (994; 2), Kenya (9; 1), Libya (391; 2), Liberia (7,806; 8), Mali (1,550; 0), Mauritania (565; 4), Mozambique (1,342; 0), Niger (1,690; 0), Senegal (1,732; 0), Somalia (7,771; 0), South Africa (773; 0), South Sudan (5,722; 140), Uganda (258; 1) and Zambia (328; 1).

This week, a total of 4,092 new cases and 85 new deaths were reported from five MS: Ethiopia, Guinea, Mali, South Africa and South Sudan.

Ethiopia: Since the last update, (11 August 2023), the EPHI reported 938 new suspected cases and five new deaths (CFR: 0.5%) of measles. Cumulatively, 13,448 suspected cases and 122 deaths (CFR: 0.9%) have been reported from Ethiopia. The outbreak is active in eight of the 11 regions of the country and 59% of the cases were unvaccinated against measles.

Guinea: Since the last update (25 August 2023), the MoH reported eight new suspected cases and no new deaths of measles. Cumulatively, 989 cases (5 confirmed; 984 suspected) and two deaths (CFR: 0.2%) of measles have been reported from all the eight regions in Guinea.

Mali: Since the last update (25 August 2023), the MoH reported two new suspected cases and no new deaths of measles. Cumulatively, 1,550 cases (349 confirmed; 1,201 suspected) and no deaths of measles have been reported from five of the nine regions in the country.

South Africa: Since the last update (25 August 2023), the National Institute for Communicable Diseases (NICD) reported eight new confirmed cases and no new deaths of measles from East Cape and KwaZulu-Natal provinces. Cumulatively, 773 confirmed cases and no deaths have been reported from all the nine provinces this year. The most affected age groups were 5 - 9 years (43%), 1 - 4 years (24%) and 10 -14 years (20%).

South Sudan: Since the last update (25 August 2023), the MoH reported 3,136 new cases (249 confirmed; 2,887 suspected) and 80 new deaths (CFR: 2.6%) of measles. Cumulatively, 5,722 cases (424 confirmed; 5,298 suspected) and 140 deaths (CFR: 2.4%) of measles were reported from multiple counties across all 10 States and three administrative areas of South Sudan. Of all the reported measles cases, 45% are females, 41% were unvaccinated and 44% had unknown vaccination status.

Note: In 2022, 264,345 cases (34,491 confirmed; 229,854 suspected) and 2,860 deaths (CFR: 8%) of measles were reported from 24 MS in four AU regions: Cameroon (3,502 cases; 21 deaths), Central African Republic (CAR) (1,447; 3), Chad (2,956; 11), Congo (6,873; 132), Democratic Republic of Congo (DRC) (146,359; 1,846), Ethiopia (9,857; 102), Guinea (23,601; 33), Kenya (406; 2), Liberia (16,130; 86), Mali (2,745; 1), Mozambique (45; 0), Namibia (23; 0), Niger (19,524; 32), Nigeria (1,162; 0), Senegal (373; 1), Sierra Leone (814; 0), Somalia (16,624; 0), South Africa (365; 0), South Sudan (3,942; 38), Sudan (1,188; 13), Tanzania (223; 0), Togo (1,272; 0), Zambia (23; 3), Zambia (23; 3) and Zimbabwe (6,444; 698).

Response by MS/partner/Africa CDC:

The MoH of affected MS continue to conduct intensified routine immunization activities, enhanced surveillance and laboratory testing, risk communication in the affected districts/regions/provinces.

Polio (vacc) in Africa Combo

231 confirmed case(s)

Agent/Pathogen	Polio virus (vaccine-derived)	First Reported	01-Jan-2023	Previous Report Update	25-Aug-2023
First Occurred	01-Jan-2023	Country	Africa Combo	Location	15 MS
Source	Global Polio Eradication Initiative	GeoScope	MODERATE	Human Risk Assessment	MODERATE

Update to Event:

Since the beginning of 2023, the continent has reported 70 cases of circulating vaccine-derived poliovirus type 1 (cVDPV1) from DRC (54 cases), Madagascar (13), Mozambique (3) and 161 cases of circulating vaccine-derived poliovirus type 2 (cVDPV2) from 13 MS: Benin (3 cases), Burkina Faso (1), Burundi (3), CAR (10), Chad (29), Côte d’Ivoire (2), DRC (81), Kenya (4), Mali (2), Niger (1), Nigeria (22), Somalia (2) and Zambia (1).

This week, six new cases of cVDPV1, 45 new cases of cVDPV2, were reported from Chad and DRC.

Chad: Since the last update (12 May 2023), the MoH reported 19 new cases of cVDPV2. Cumulatively, 29 confirmed cases and no deaths of cVDPV2 were reported in Chad.

DRC: Since the last update (25 August 2023), the MoH reported six new cVDPV1 cases from two regions: Tanganyika (1 case) and Haut Katanga (5) and 16 new cVDPV2 cases from four regions: Tanganyika (1 case), Bas Uele (1), Haut Lomami (3) and Kasai Oriental (11) regions. Cumulatively, 54 cVDPV1 cases and 81 cVDPV2 cases with no deaths have been reported from DRC in 2023.

Response by MS/partner/Africa CDC:

The MoH of affected MS continue to conduct enhanced surveillance, risk communication and large-scale mass polio vaccination campaigns.

Yellow fever in Africa Combo

48 confirmed case(s)

2,110 suspected case(s)

28 human deaths (**CFR: 1.3%**)

Agent/Pathogen	Yellow fever virus	First Reported	06-Jan-2023	Previous Report Update	18-Aug-2023
First Occurred	01-Jan-2023	Country	Africa Combo	Location	4 MS
Source	Ministry of Health	GeoScope	MODERATE	Human Risk Assessment	MODERATE

Update to Event:

Since the beginning of 2023, a total of 2,158 cases (48 confirmed; 2,110 suspected) and 28 deaths (CFR: 1.3%) of yellow fever have been reported in five AU MS: Cameroon (25 cases; 3 deaths), CAR (238; 4), Gabon (64; 0) Nigeria (1,819; 21) and Uganda (12; 0). This week, 1,819 new cases and 21 new deaths of yellow fever were reported from Nigeria.

Nigeria: On 31 August 2023, the Nigeria CDC (NCDC) reported an outbreak of yellow fever in 15 states including the Federal Capital Territory (FCT), Abuja. The outbreak was confirmed after 21 blood samples tested positive for yellow fever by reverse transcription-polymerase chain reaction (RT-PCR) at the Institut Pasteur Dakar. Cumulatively, 1,819 cases (21 confirmed; 1,798 suspected) and 21 deaths (CFR: 1.1%) were reported from all the 36 states and the FCT, Abuja in Nigeria. The confirmed cases presented with fever, jaundice, and fatigue. Yellow fever is an acute viral hemorrhagic disease caused by the yellow fever virus and is transmitted through the bite of infected Aedes mosquitoes. Symptoms include headache, jaundice, muscle pain, nausea, vomiting, and fatigue. The overall CFR can range between 3% to 7.5%.

Response by MS/partner/Africa CDC:

The NCDC developed a yellow fever response plan and continues to conduct enhanced surveillance in the affected regions.

Dengue fever in Africa Combo

3,089 confirmed case(s)
11,326 suspected case(s)
23 human deaths (CFR: **0.2%**)

Agent/Pathogen	Dengue virus	First Reported	26-Jul-2023	Previous Report Update	25-Aug-2023
First Occurred	01-Jan-2023	Country	Africa Combo	Location	9 MS
Source	Ministry of Health	GeoScope	LOW	Human Risk Assessment	MODERATE

Update to Event:

Since January 2023, a total of 14,415 cases (3,085 confirmed; 11,326 suspected) and 23 deaths (CFR: 0.2%) of dengue fever have been reported in nine African Union Member States (MS): Angola (3 cases; no deaths), Chad (456; 1), Côte d'Ivoire (107; 0), Egypt (578; 0), Ethiopia (10,092; 4), Mauritius (248; 0), Sao Tome and Principe (1,223; 11), Senegal (44; 0) and Sudan (1,664; 7).

This week, 711 new cases and one new death of dengue fever were reported from Chad, Ethiopia and Mauritius.

Chad: Since the last report (25 August 2023), the MoH reported reported 427 new cases (4 confirmed; 423 suspected) and one new death (CFR: 0.2%) of dengue fever from Abéché health district, Ouadaï province. Cumulatively, 456 cases (21 confirmed; 435 suspected) and one death (CFR: 3.8%) were reported from three health districts [(Abéché (19 cases), Biltine (4) and N'Djamena (3)] in three of 23 provinces in Chad. This is the first outbreak of dengue in Chad.

Ethiopia: Since the last update (11 August 2023), the EPHI reported 278 new suspected cases and no new deaths of dengue fever. Cumulatively, 10,092 cases (92 confirmed; 10,000 suspected) and four deaths (CFR: 0.04%) have been reported from four of the 11 regions in Ethiopia. Majority (91%) of the cases were reported from Afar region.

Mauritius: Since the last update (25 August 2023), the MoH reported six new confirmed cases (3 local; 3 imported) and no new deaths of dengue fever from Mauritius. Cumulatively, 248 confirmed cases (239 local; 9 imported) and no deaths have been reported from the two islands: Mauritius (180 local; 9 imported cases) and Rodrigues (59 local; 0 no imported cases). Currently, there are three active cases of dengue fever in Mauritius.

Note: *From week 28, 2015 - week 34, 2023, a total of 21,276 cases (4,100 confirmed, 17,176 suspected) of dengue fever have been reported in Seychelles. Of these, 12,385 (58%) were males and the cases range from sixteen weeks to 101 years.

Response by MS/partner/Africa CDC:

Ethiopia: The EPHI activated the regional emergency operations centers (EOCs) to coordinate the response and continues to conduct enhanced surveillance and case management at designated treatment centers. In addition, vector control activities are ongoing in the affected regions.

Chad: The MoH continues to conduct enhanced surveillance, enhance laboratory capacity and vector control measures in the affected regions.

Mauritius: The MoH continues to conduct enhanced surveillance, strengthen laboratory capacity and implement of vector control measures in the affected area.

Footnotes:

* Cases in this report include confirmed, probable and suspected cases

* Case fatality rates are calculated using confirmed cases and deaths only, except for the following:

- Bacterial meningitis, cholera and measles where CFR is calculated using all cases and deaths

* The GeoScope level is determined by where the event is currently occurring on the continent. Low: event is limited to sub-national areas within one MS; Moderate: Event is affecting multiple countries within an AU region, or have been imported from/exported to 1-2 countries from another global region; High: Event is affecting several multinational AU regions, or have been imported from/exported to >2 countries from another global region; Very High: Event is considered a pandemic, affecting multiple continents or worldwide. The risk level is determined by evaluating the following criteria: morbidity and mortality of the disease, probability to spread within and to the other MSs, and availability of effective treatments, vaccines, or other control measures. An event risk level can be classified as low, moderate, high and very high depending on how they score on the above criteria.