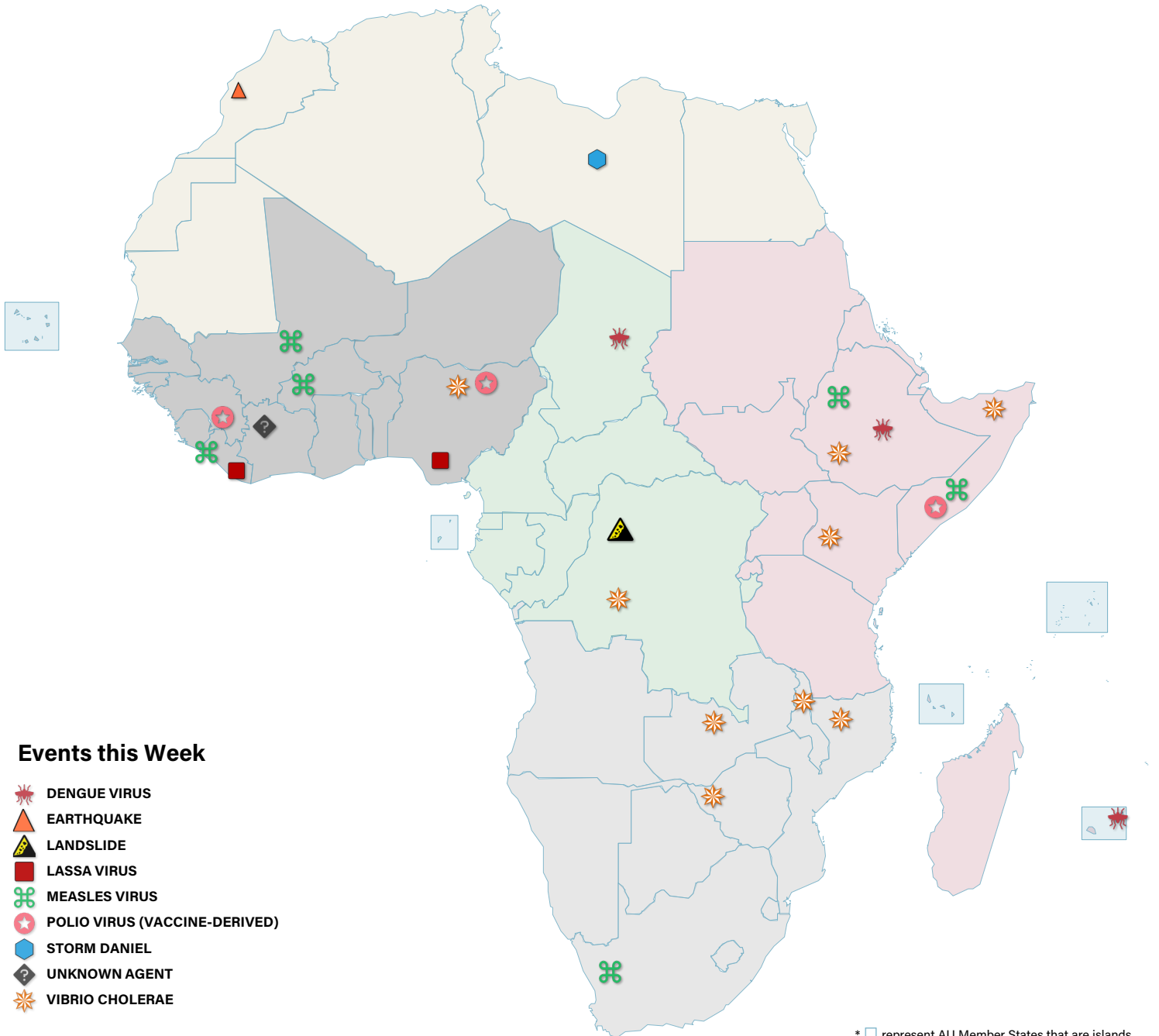


Africa CDC Epidemic Intelligence Report

EpiWeek: 15 - 22 Sep 2023



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

Moderate Risk Events

Unknown Agent in Côte d'Ivoire

72 suspected case(s)

8 human deaths (**CFR: 11.1%**)

Agent/Pathogen	Unknown agent	First Reported	20-Sep-2023	First Occurred	16-Sep-2023
Country	Côte d'Ivoire	Location	Bouake South district	Source	Ministry of Health
GeoScope	LOW	Human Risk Assessment	MODERATE		

Description:

On 19 September 2023, the Ministry of Health (MoH), Cote d'Ivoire reported 72 suspected cases and eight deaths (Case Fatality Rate {CFR}: 11.1%) of an unknown illness in Niangban village, Bouake South district. The cases presented at the Bouake district hospital with abdominal pain, convulsions, fatigue and vomiting after eating corn porridge. The corn flour used for making the porridge was suspected to have been contaminated with pesticides. Majority (82%) of the cases were children between 5 - 12 years old.

Response by MS/partner/Africa CDC:

The MoH banned the selling of corn porridge, and conducted food inspection and toxicological analysis in the affected village.

Moderate Risk Events

COVID-19 in Africa

12,319,680 confirmed case(s)
257,167 human deaths (**CFR: 2.1%**)

Agent/Pathogen	SARS-CoV-2	First Reported	21-Feb-2020	Previous Report Update	18-Aug-2023
First Occurred	14-Feb-2020	Country	Africa	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) 21 September 2023, a total of 12,319,680 COVID-19 cases and 257,167 deaths (CFR: 2.1%) have been reported by the 55 African Union Member States MS (first mention). 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 8 September 2023, seven Member States (Cape Verde, Central African Republic, Egypt, Kenya, South Africa, Tunisia 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 37 (11 - 17 September 2023), 279* new COVID-19 cases were reported. The Northern region accounted for 91% of the new COVID-19 cases reported this week, followed by the Eastern (7%) and Western (2%). No cases were reported in the Central and Southern region. Last week, no new COVID-19 deaths were reported in Africa. More than 4,000 new tests were conducted during the past week. The weekly % test positivity increased from 6% to 7% 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](#).

Cholera in Africa

85,410 confirmed case(s)

104,614 suspected case(s)

2,951 human deaths (**CFR: 1.6%**)

Agent/Pathogen	Vibrio cholerae	First Reported	06-Jan-2023	Previous Report Update	15-Sep-2023
First Occurred	01-Jan-2023	Country	Africa	Location	17 MS
Source	Ministry of Health	GeoScope	MODERATE	Human Risk Assessment	MODERATE

Update to Event:

Since the beginning of this year, 190,024 cases (85,410 confirmed; 104,614 suspected) and 2,951 deaths (Case Fatality Ratio (CFR): 1.6%) of cholera were reported from 17 AU MS: Burundi (817 cases; 9 deaths), Cameroon (20,364; 483), Congo (93; 9), Democratic Republic of Congo (DRC) (36,084; 303), Eswatini (2; 0), Ethiopia (23,415; 295), Kenya (8,801; 145), Malawi (42,910; 1,260), Mozambique (34,578; 144), Nigeria (2,074; 83), Somalia (13,069; 33), South Africa (1,074; 47), South Sudan (1,471; 2), Tanzania (87; 3), Uganda (78; 10), Zambia (911; 19) and Zimbabwe (4,022; 106).

This week, 5,380 new cases and 85 new deaths of cholera were reported from nine AU MS: DRC, Ethiopia, Kenya, Malawi, Mozambique, Nigeria, Somalia, Zambia and Zimbabwe.

DRC: Since the last update (11 August 2023), the MoH reported 4,742 new cases (403 confirmed; 4,339 suspected) and 73 new deaths (CFR: 1.5%) of cholera from eight provinces. Cumulatively, 36,084 cases (2,182 confirmed; 33,902 suspected) and 303 deaths (CFR: 0.8%) have been reported from 13 of 26 provinces in DRC.

Kenya: Since the last update (15 September 2023), the MoH reported nine new suspected cases and no new deaths of cholera. Cumulatively, 8,801 cases (1,827 confirmed; 6,974 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 (Nairobi). Thirty-three percent of the total cases are children below 10 years.

Ethiopia: Since the last update (15 September 2023), the Ethiopia Public Health Institute (EPHI) reported 224 new suspected cases and three new deaths (CFR: 1.3%) of cholera. Cumulatively, 23,415 cases (26 confirmed; 23,389 suspected) and 295 deaths (CFR: 1.2%) have been reported. The outbreak is active in five of eight of the 11 regions in Ethiopia. Oromia and South Ethiopia region accounts for 68% of the cases.

Malawi: Since the last update (15 September 2023), the MoH reported two new confirmed cases and no deaths of cholera from two districts: Blantyre and Nsanje. One of the two cases was imported from Mozambique. Cumulatively, 42,910 confirmed cases and 1,260 deaths (CFR: 2.9%) have been reported from all 29 districts in Malawi.

Mozambique: Since the last update (15 September 2023), the MoH reported 126 new confirmed cases and no deaths of cholera. Cumulatively, 34,578 confirmed cases and 144 deaths (CFR: 0.4%) have been reported from 10 of the 11 provinces.

Nigeria: Since the last update (28 July 2023), the Nigeria Center for Disease Control (NCDC) reported 22 new suspected cases and four new deaths (CFR: 18%) of cholera from Ijebu North Local Government Area (LGA) in Ogun State. Cumulatively, 2,074 cases (102 confirmed; 1,972 suspected) and 83 deaths (CFR: 4%) have been reported from 25 of the 36 states and federal capital territory (FCT).

Somalia: Since the last update (15 September 2023), the MoH reported 174 new suspected cases and no new deaths of cholera. Cumulatively, 13,243 cases (188 confirmed; 13,055 suspected) and 33 deaths (CFR: 0.3%) have been reported from 29 of 74 districts in the country. Fifty-four percent of the cases are children under five years. This outbreak has been uninterrupted in the drought-affected districts since 2022 and in the Banadir region since 2017.

Zambia: Since the last update (15 September 2023), the Zambia National Public Health Institute (ZNPHI) reported 23 new cases (6 confirmed; 17 suspected) and no new deaths of cholera. Cumulatively, 911 cases (359 confirmed; 552 suspected) and 19 deaths (CFR: 2.0%) have been reported this year. The outbreak is active in Nsama district.

Zimbabwe: Since the last update (15 September 2023), the MoH reported 58 new cases (15 confirmed; 43 suspected) and five new deaths (CFR: 8.6%) of cholera. Cumulatively, 4,022 cases (894 confirmed; 3,128 suspected) and 106 deaths (CFR: 2.6%) have been reported from 41 of 59 districts.

Response by MS/partner/Africa CDC:

The MoH of affected Member States continues to conduct enhanced surveillance, case management, risk communication, WASH interventions and enhanced targeted testing of all samples in the affected districts.

Africa CDC rapid response team continues to support the Republic of Malawi to enhance surveillance, risk communication, and infection prevention and control in districts where the outbreak is currently ongoing. Additionally, Africa CDC is supporting the zonal cholera after action review meetings in zones where the end of cholera was declared .

Measles in Africa

19,154 confirmed case(s)

252,472 suspected case(s)

3,607 human deaths (**CFR: 1.3%**)

Agent/Pathogen	Measles virus	First Reported	06-Jan-2023	Previous Report Update	15-Sep-2023
First Occurred	01-Jan-2023	Country	Africa	Location	27 MS
Source	Ministry of Health	GeoScope	MODERATE	Human Risk Assessment	MODERATE

Update to Event:

Since the beginning of this year, 271,626 (19,154 confirmed; 252,472 suspected) and 3,607 deaths (CFR:1.3%) of measles were reported from 27 AU MS: Angola (6,203 cases; 53 deaths), Botswana (13; 0), Burkina Faso (1,548; 2), Burundi (319; 0), Cameroon (8,503; 64), Central African Republic (CAR) (2,873; 0), Chad (8,915; 7), Congo (288; 1), DRC (190,598; 3,187), Ethiopia (15,674, 124), Gabon (2,714; 0), Gambia (208; 0), Ghana (212; 0), Guinea (1,000; 4), Kenya (9; 1), Libya (391; 2), Liberia (7,856; 16), Mali (1,560; 0), Mauritania (565; 4), Mozambique (1,342; 0), Niger (1,690; 0), Senegal (3,075; 0), Somalia (8,962; 0), South Africa (800; 0), South Sudan (5,722; 140), Uganda (258; 1) and Zambia (328;1).

This week, a total of 546 new cases and eight new deaths were reported from seven MS: Burkina Faso, Gabon, Liberia, Mali, Somalia and South Africa.

Burkina Faso: Since the last update (28 July 2023), the MoH reported 22 new suspected cases and no new deaths of measles. Cumulatively, 1,548 cases (324 confirmed; 1,224 suspected) and two deaths (CFR: 0.1%) of measles have been reported from 25 of 70 districts.

Gabon: Since the last update (18 August 2023), the MoH reported five new suspected cases and no new deaths of measles from Centre (3 suspected cases), Est (1) and Libreville Owendo (1) districts. Cumulatively, 2,714 cases (1,143 confirmed; 1,571 suspected) and two deaths (CFR: 0.1%) of measles have been reported from 10 of 26 districts.

Liberia: Since the last update (28 July 2023), the MoH reported 50 new suspected cases and eight new deaths (CFR: 16%) of measles from 12 of 15 counties. Cumulatively, 7,856 cases (3,966 confirmed; 3,890 suspected) and 16 deaths (CFR: 0.2%) of measles have been reported from all 15 counties.

Mali: Since the last update (15 September 2023), the MoH reported three new cases (1 confirmed; 2 suspected) and no new deaths of measles. Cumulatively, 1,560 cases (354 confirmed; 1,206 suspected) and no deaths of measles have been reported from 5 of 9 regions.

Somalia: Since the last update (8 September 2023), the MoH reported 455 new suspected cases of measles. Cumulatively, 8,962 cases (84 confirmed; 8,878 suspected) and no deaths of measles have been reported from Somalia. The most affected regions include Banadir (2,630), Bay (1,846) and Lower Juba (1,267). Seventy-four percent (74%) of the total cases were children under five years.

South Africa: Since the last update (15 September 2023), the National Institute for Communicable Diseases (NICD) reported 11 new confirmed cases and no new deaths of measles from three provinces. Cumulatively, 800 confirmed cases and no deaths have been reported from all the nine provinces this year

Response by MS/partner/Africa CDC:

The MoH continues to strengthen measles surveillance in all affected districts.

Polio (vacc) in Africa

252 confirmed case(s)
0 human deaths (**CFR: 0%**)

Agent/Pathogen	Polio virus (vaccine-derived)	First Reported	01-Jan-2023	Previous Report Update	15-Sep-2023
First Occurred	01-Jan-2023	Country	Africa	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 182 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 (82), Guinea (5; 0), Kenya (6), Mali (5), Niger (1), Nigeria (27), Tanzania (1), Somalia (3) and Zambia (1)

This week, 11 new cases of cVDPV2 and no new deaths were reported from Guinea, Nigeria, and Somalia.

Guinea: On 15 September 2023, the MoH reported five cases of cVDPV2 and no deaths from Siguiri (4 cases) and Kankan (1) regions. The last outbreak of cVDPV2 in Guinea was in 2022, with a total of six cases and no deaths reported from multiple regions.

Nigeria: Since the last update (30 August 2023), the MoH reported five new cVDPV2 cases and no new deaths from Sokoto (3) and Zamfara (2) states. Cumulatively, 27 cases and no deaths of cVDPV2 were reported from: Enugu (1), Kebbi (5), Sokoto (8) and Zamfara (17) states this year.

Somalia: Since the last update (12 May 2023) the MoH reported one new case and no death of cVDPV2 in Banadir. Cumulatively, three confirmed cases and no deaths of cVDPV2 have been reported this year.

Response by MS/partner/Africa CDC:

Guinea: The MoH has conducted the first mass polio vaccination campaign targeting children under 5 years in all the four districts of Kankan and Faranah regions.

Nigeria: The MoH continues to monitor the surveillance focal point activities in rapid detection of poliovirus in addition to intensifying routine immunization coverage in affected states.

Somalia: The MoH continues to strengthen surveillance and immunization activities in high-risk communities

Lassa fever in Africa

1,139 confirmed case(s),
7,435 suspected case(s)
201 human deaths (**CFR: 2.3%**)

Agent/Pathogen	Lassa virus	First Reported	27-Jan-2023	Previous Report Update	09-Jun-2023
First Occurred	02-Jan-2023	Country	Africa	Location	5 MS
Source	Ministry of Health	GeoScope	MODERATE	Human Risk Assessment	MODERATE

Update to Event:

Since the beginning of this year, 8,574 cases (1,139 confirmed; 7,435 suspected) and 201 deaths (CFR: 2.3%) of Lassa fever were reported from five AU MS: Ghana (27 cases; 1 death), Guinea (3; 2), Liberia (291; 15), Nigeria (8,247; 181) and Sierra Leone (6; 2).

This week, 406 new cases and 15 new deaths were reported from Liberia and Nigeria.

Liberia: Since the beginning of 2023, the National Public Health Institute of Liberia (NPHIL) reported 291 cases (48 confirmed, 243 suspected) and 15 deaths (CFR: 5.1%) of Lassa fever from: Bain Gar (12 suspected cases 3 deaths), Buchaman (2; 1), Bushrod (15;1), Central Monrovia (28; 1), Sanniquelle- Mah (34; 0), Suakoko (140; 8) and Tappita (12; 1) counties. Four healthcare workers (8.3%) were among the new confirmed cases. The outbreak is active in seven of 15 counties.

Nigeria: Since the last update (27 June 2023), the reported 115* new cases (6 confirmed;109 suspected) and no new deaths from Lassa fever from Edo and Ondo States. Cumulatively, 8,247 cases (1,059 confirmed; 7,188 suspected) and 181 deaths (CFR: 17.1%) of Lassa fever have been reported from 28 of 36 states and the FCT. Healthcare workers account for 4.6% (49) of all confirmed cases reported this year.

Response by MS/partner/Africa CDC:

Liberia: The National Public Health Institute of Liberia and the Ministry of Health (MoH) are providing technical and logistical support to county health teams with support from partners, and continue to strengthen surveillance, vector control, risk communication and community engagement activities in affected communities and districts.

Nigeria: A national Lassa fever multi-partner, multisectoral EOC was activated in NCDC to coordinate all response activities: surveillance, case management, risk communication and laboratory diagnosis at all levels.

Dengue fever in Africa

3,129 confirmed case(s)

23,481 suspected case(s)

77 human deaths (**CFR: 0.3%**)

Agent/Pathogen	Dengue virus	First Reported	26-Jul-2023	Previous Report Update	15-Sep-2023
First Occurred	01-Jan-2023	Country	Africa	Location	12 MS
Source	Ministry of Health	GeoScope	LOW	Human Risk Assessment	MODERATE

Update to Event:

Since January 2023, a total of 26,610 cases (3,129 confirmed; 23,481 suspected) and 77 deaths (CFR: 0.1%) of dengue fever have been reported in 12 MS Angola (3 cases; no deaths), Burkina Faso (11,535, 53), Chad (960; 1), Côte d'Ivoire (107; 0), Egypt (578; 0), Ethiopia (10,142; 4), Guinea (6; 1), Mali (78; 0), Mauritius (260; 0), Sao Tome and Principe (1,227; 11), Senegal (46; 0) and Sudan (1,664; 7).

This week, 11,924 new cases and 53 new deaths of dengue fever were reported from five AU Member States: Burkina Faso, Chad, Ethiopia, Mali, and Mauritius.

Burkina Faso: Since the beginning of 2023, the MoH reported 11,535 suspected cases and 53 deaths (CFR: 0.4%) of dengue fever. The cases have been reported from all 13 health regions. The last outbreak of dengue fever in Burkina Faso was in 2017 where 15,074 cases and 36 deaths were reported from all 13 regions.

Chad: Since the last update (15 September 2023), the MoH reported 317 new cases (5 confirmed; 312 suspected) and no new deaths of dengue fever. Cumulatively, 960 cases (32 confirmed; 928 suspected) and one death (CFR: 0.1%) were reported from six of 23 provinces.

Ethiopia: Since the last update (15 September 2023), the Ethiopian Public Health Institute (EPHI) reported five new suspected cases and no new deaths of dengue fever. Cumulatively, 10,147 cases (92 confirmed; 10,055 suspected) and four deaths (CFR: 0.04%) have been reported from four of the 11 regions in Ethiopia. Majority (88%) of the cases were reported from Afar region.

Mali: Since the last update (15 September 2023), the MoH reported 65 new cases (11 confirmed; 54 suspected) and no deaths of dengue fever from Bamako (10 confirmed; 54 suspected), Koulikoro (1;0), Mopti (1;1) regions. Cumulatively, 78 cases (12 confirmed; 66 suspected) and no deaths of dengue have been reported from these three regions in Mali.

Mauritius: Since the last update (15 September 2023), the MoH reported two new confirmed cases and no new deaths of dengue fever. Cumulatively, 260 confirmed cases (248 local; 12 imported) and no deaths have been reported from the two islands: Mauritius (189 local; 12 imported cases) and Rodrigues (59; 0).

Response by MS/partner/Africa CDC:

The MoH of affected Member States continue to conduct enhanced surveillance, case management, risk communication and vector control measures in the affected regions

High Risk Events

Earthquake in Morocco

5,674 Injuries human
2,946 deaths

Agent/Pathogen	Earthquake	Previous Report Update	15-Sep-2023	First Occurred	08-Sep-2023
Country	Morocco	Location	Marrakech	Source	Ministry of Health
GeoScope	MODERATE	Human Risk Assessment	HIGH		

Update to Event:

Since the last update, the Morocco Ministry of Interior reported no new deaths nor new injuries following a 6.8-magnitude earthquake that hit Marrakesh on 8 September 2023. As of 22 September 2023, cumulatively 2,946 people have died, 6,125 have recovered, and 81 are in critical condition. The number of human deaths has remained relatively the same in the past 7 days. The people of Oukaïmedene town in Al Haouz province are returning back to their normal lives as authorities continue to respond to the situation.

Response by MS/partner/Africa CDC:

The government of Morocco has established an inter-departmental commission to implement an emergency program, including the rehabilitation and reconstruction of damaged homes and facilities, and distribution of relief materials to people living in affected areas. The AU is considering deactivating the emergency situation room as the situation will no longer be treated as an emergency.

Storm Daniel in Libya

4,006 human deaths

Agent/Pathogen	Storm Daniel	Previous Report Update	15-Sep-2023	First Occurred	10-Sep-2023
Country	Libya	Location	4 Cities	Source	Ministry of Health
GeoScope	MODERATE	Human Risk Assessment	HIGH		

Update to Event:

Since the last update, the Ministry of Interior, Libya reported no new deaths or missing persons as a result of floods caused by Storm Daniel on 8 September 2023. As of 20 September 2023, cumulatively, 4,006** deaths and 8,548** missing persons have been reported. The Libyan National Centre for Disease Control (NCDC) reported 238 diarrhea cases linked to water contamination, including 55 cases among children. Potential water and vector borne outbreaks are a growing concern. Over 43,000 people are estimated to have been displaced as a result of the storm, seeking safety, shelter and basic services.

Response by MS/partner/Africa CDC:

On 18 September 2023, Africa CDC activated its EOC and deployed a rapid response team (RRT) to support the response in Derna. For further information see [the Africa CDC statement on the humanitarian crisis in Libya following Storm Daniel](#).

Landslide in Democratic Republic of the Congo

17 deaths

Agent/Pathogen	Landslide	First Reported	22-Sep-2023	Previous Report Update	22-Sep-2023
First Occurred	16-Sep-2023	Country	Democratic Republic of the Congo	Location	Mongala province
Source	Other Government Agency	GeoScope	LOW	Human Risk Assessment	MODERATE

Update to Event:

On 18 September 2023, the government of DRC confirmed a landslide near the banks of the Congo river, the capital of Mongala province. The landslide was triggered by heavy rainfall that occurred on 16 September 2023. A total of 17 deaths and destruction of multiple homes have been reported. The victims lived in homes that were built at the foot of a mountain making them vulnerable to heavy rains and floods. The last landslide event occurred in DRC in April this year where 16 deaths and multiple injuries were reported from Lubero territory, North Kivu Province.

Response by MS/partner/Africa CDC:

The government of DRC has deployed a multisectoral team to conduct a risk assessment to establish the extent of the damage and intensify search and rescue operations.

Footnotes:

- * Cases in this report include confirmed, probable and suspected cases
- * Batch reporting of 115 new cases for the past eight weeks in Nigeria
- * 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.
- ** Africa CDC inadvertently reported 6,872 deaths and 10,270 missing persons in the last report. Correct value now listed.