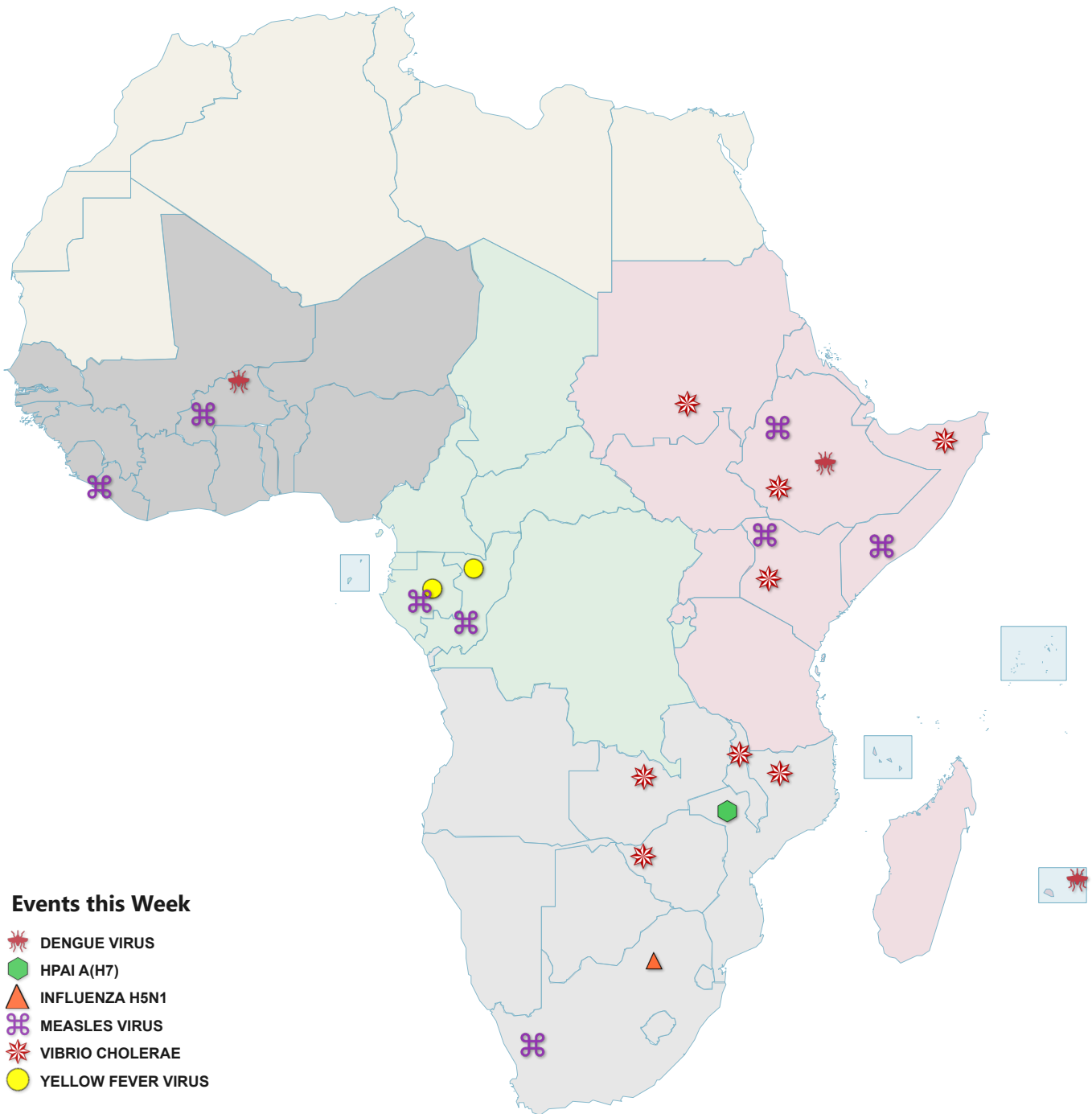



Africa CDC Epidemic Intelligence Report

Date of Issue: 22 Oct 2023

Events reported in 2023 150	Events highlighted this week 22	New events since last issue 1
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*  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.

Event Type	Risk Level		
	Very High	High	Moderate
Human	0	9	12
Animal	0	1	0
Environment	0	0	0

Moderate Risk Events

HPAI A(H7) in Africa

224,540 animal case(s)
216,770 animal deaths (**CFR: 96.5%**)

Agent/Pathogen	HPAI A(H7)	Country	Multiple Countries	Location	2 MS
Source	WOAH	GeoScope	MODERATE	Human Risk Assessment	MODERATE
Animal Risk Assessment	HIGH				

Description:

Since the beginning of this year, 224,540 cases and 216,770 deaths with case fatality rate (CFR: 96.5%) of highly pathogenic avian influenza (HPAI) A(H7) in poultry have been reported from two African Union (AU) Member States (MS): Mozambique (15,000 cases; 8,837 deaths) and South Africa (209,540 cases; 207,933 deaths).

This week, 95,418 new cases and 88,930 new deaths from HPAI A(H7) were reported from 2 AU MS: Mozambique and South Africa.

Mozambique (new event): On 16 October 2023, Mozambique reported one outbreak of HPAI A(H7) (N untyped) after 15,000 cases and 8,837 deaths were recorded in poultry in Inhambane province. Whole bird carcasses and oropharyngeal swabs which were analyzed, tested positive for avian influenza at the Central Veterinary Laboratory, Agricultural Research Institute of Mozambique.

South Africa: Since the last update, South Africa reported 23 outbreaks of HPAI H7N6 in domestic birds from five provinces. Cumulatively, 209,540 cases and 207,933 deaths (CFR: 99%) have been reported from five of ten provinces in South Africa.

Response by MS/partner/Africa CDC:

The provincial veterinary authorities have conducted mass culling and disposal of sick birds in affected farms.

High Risk Events

Dengue fever in Africa

20,390 confirmed case(s), **68,987** suspected case(s)
158 human deaths (**CFR: 0.2%**)

Agent/Pathogen	Dengue virus	First Reported	26-Jul-2023	Previous Report Update	13-Oct-2023
First Occurred	1-Jan-2023	Country	Multiple Countries	Location	12 MS
Source	Ministry of Health	GeoScope	LOW	Human Risk Assessment	HIGH
Animal Risk Assessment	MODERATE				

Update to Event:

Since January 2023, a total of 89,377 cases (20,390 confirmed; 68,987 suspected) and 158 deaths (CFR: 0.2%) of dengue fever have been reported in 12 MS: Angola (3 cases; 0 deaths), Burkina Faso (73,596; 133), Chad (960; 1), Côte d'Ivoire (107; 0), Egypt (578; 0), Ethiopia (10,199; 4), Guinea (6; 1), Mali (721; 1), Mauritius (264; 0), Sao Tome and Principe (1,227; 11), Senegal (52; 0) and Sudan (1,664; 7).

This week, 4,030 new cases and no new deaths from dengue fever were reported from four AU Member States: Burkina Faso, Ethiopia, Mali and Mauritius.

Burkina Faso: Since the last update (13 October 2023), the MoH reported 14,107* new cases (3,990 confirmed; 10,117 suspected) and no new deaths of dengue fever. Cumulatively, 73,596 cases (17,125 confirmed; 56,471 suspected) and 133 deaths (CFR: 0.2%) of dengue fever have been reported from seven of 63 districts in Burkina Faso.

Ethiopia: Since the last update (13 October 2023), the EPHI reported 19 new suspected cases and no new deaths of dengue fever. Cumulatively, 10,199 cases (127 confirmed; 10,072 suspected) and four deaths (CFR: 0.03%) 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 (13 October 2023), the MoH reported 203 new cases (39 confirmed; 164 suspected) and no new death from dengue fever. Cumulatively, 721 cases (101 confirmed; 620 suspected) and one death (CFR: 0.1%) of dengue fever have been reported from ten of 75 districts in Mali.

Mauritius: Since the last update (13 October 2023), the MoH reported one new confirmed case and no new deaths of dengue fever. Cumulatively, 264 confirmed cases (250 local; 14 imported) and no deaths have been reported from the two islands: Mauritius (191 local; 14 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 and risk communication activities.

Moderate Risk Events

COVID-19 in Africa

12,404,634 confirmed case(s)
257,181 human deaths (**CFR: 2.1%**)

Agent/Pathogen	SARS-CoV-2	First Reported	21-Feb-2020	Previous Report Update	13-Oct-2023
First Occurred	14-Feb-2020	Country	Multiple Countries	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) 18 October 2023, a total of 12,404,634 COVID-19 cases and 257,181 deaths (CFR: 2.1%) have been reported by the 55 African Union Member States (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 (53) variants of concern (VOC). Additionally, 32 MS have reported the presence of the Omicron BA.2 sub-variant, 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), 9 MS have reported the Omicron sub lineage EG.5, and 2 Member States have reported the Omicron sub lineage (XBB.1.16). Another sub-variant of Omicron (BA.2.86) has been detected and reported in Africa, Americas, Asia and Europe. As of 17 October 2023, two AU MS: Botswana and South Africa have reported the presence of this new variant under monitoring (VUM). 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, 548.7 million people have been partially vaccinated, and 439.9 million (51.8%) have been fully vaccinated. Eritrea is the only AU MS yet to start COVID-19 vaccination roll out.

For Epi week 41 (9 - 15 October), 200 new COVID-19 cases were reported, which is a 43% decrease in the number of new cases reported compared to the previous week (40). The Northern region accounted for 77% of the new COVID-19 cases reported this week, followed by the Southern (23%) and Western (1%), no cases reported in the Eastern and Central regions. Last week, nine new COVID-19 deaths were reported in the Northern region. More than 3,700 new tests were conducted during the past week. Since February 2020, over 133.6 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.

Mpox in Africa

803 confirmed case(s), **10,085** suspected case(s)
556 human deaths (**CFR: 5.1%**)

Agent/Pathogen	Mpox virus	First Reported	17-Jan-2023	Previous Report Update	13-Oct-2023
First Occurred	1-Jan-2023	Country	Multiple Countries	Location	7 MS
Source	Ministry of Health	GeoScope	LOW	Human Risk Assessment	MODERATE
Animal Risk Assessment	MODERATE				

Update to Event:

Since the beginning of this year, 10,888 cases (803 confirmed, 10,085 suspected) and 556 deaths (case fatality rate (CFR: 69%) of mpox have been reported from seven endemic AU MS: Cameroon (23 confirmed cases; 0 death), Central African Republic (CAR) (67; 2), Congo (18; 2), DRC (597; 550), Ghana (11; 0), Liberia (8; 0) and Nigeria (79; 2).

This week, 57 new cases and two new death from mpox were reported from 2 AU MS: CAR and Congo

CAR: Since the last update (27 September 2023), the MoH in CAR reported 53 new confirmed cases and one new death from mpox. Cumulatively 67 confirmed cases and two deaths (CFR: 2.9%) of mpox have been reported from nine of 35 districts in CAR.

Congo: Since the last report (19 September 2023), the Congo MoH reported one death and four news cases of mpox from Enyelle-Betou (3) and Impfondo (1) health districts. Cumulatively, 57 cases (18 confirmed and 39 suspected) and two deaths (CFR:(9.1%) have been reported in five health districts of Congo.

Response by MS/partner/Africa CDC:

The MoH continues to conduct active case search, case management and risk communication in affected districts.

Cholera in Africa

86,044 confirmed case(s), **109,708** suspected case(s)
3,061 human deaths (**CFR: 1.6%**)

Agent/Pathogen	Vibrio cholerae	First Reported	6-Jan-2023	Previous Report Update	13-Oct-2023
First Occurred	1-Jan-2023	Country	Multiple Countries	Location	18 MS
Source	Ministry of Health	GeoScope	MODERATE	Human Risk Assessment	MODERATE

Update to Event:

Since the beginning of this year, 195,752 cases (86,044 confirmed; 109,708 suspected) and 3,061 deaths (CFR: 1.6%) of cholera were reported from 18 AU MS: Burundi (1,082 cases; 9 deaths), Cameroon (20,672; 487), Congo (93; 9), DRC (36,084; 303), Eswatini (2; 0), Ethiopia (24,441; 320), Kenya (8,814; 145), Malawi (42,955; 1,260), Mozambique (34,974; 146), Nigeria (2,860; 84), Somalia (14,191; 38), South Africa (1,074; 47), Sudan (817; 35), South Sudan (1,471; 2), Tanzania (87; 3), Uganda (78; 10), Zambia (934; 19) and Zimbabwe (5,123; 144).

This week, 1,113 new cases and 52 new deaths of cholera were reported from eight AU MS: Burundi, Ethiopia, Kenya, Malawi, Mozambique, Sudan, Zambia and Zimbabwe.

Burundi: Since the last update (29 September 2023), the MoH reported 44 new suspected cases and no new deaths of cholera. Cumulatively, 1,082 cases (52 confirmed; 1,030 suspected) and nine deaths (CFR: 0.8%) have been reported from 10 of 114 districts in Burundi. The majority of reported cases (80%) have been reported from rural Bujumbura (446) and Bujumbura Marie (409) provinces. Other provinces that have reported cases include Bubanza (8), Cibitoke (216) and Rumonge (3).

Ethiopia: Since the last update (13 October 2023), the Ethiopia Public Health Institute (EPHI) reported 104 new suspected cases and 23 new deaths (CFR: 22%) of cholera. Cumulatively, 24,441 cases (26 confirmed; 24,415 suspected) and 320 deaths (CFR: 1.3%) have been reported from nine of the 11 regions in Ethiopia. Oromia and South Ethiopia region account for 63% of the cases.

Kenya: Since the last update (6 October 2023), the MoH reported three new suspected cases and no new deaths of cholera. Cumulatively, 8,814 cases (1,828 confirmed; 6,986 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 (Garissa). Thirty-three percent of the total cases are children below 10 years.

Malawi: Since the last update (13 October 2023), the MoH reported 22 new confirmed cases and no new deaths of cholera from Nsanje, Lilongwe, Mulanje, Nkhatakota districts. Cumulatively, 42,955 confirmed cases and 1,260 deaths (CFR: 3.0%) have been reported from all 29 districts in Malawi.

Mozambique: Since the last update (13 October 2023), the MoH reported 161 new confirmed cases and two new deaths (CFR: 1.2%) of cholera. Cumulatively, 34,974 confirmed cases and 146 deaths (CFR: 0.4%) have been reported from 10 of 11 provinces.

Sudan: Since the last update (13 October 2023), the MoH reported 255 new suspected cases and 17 new deaths (CFR: 6.6%) of cholera. Cumulatively, 817 cases (82 confirmed; 735 suspected) and 35 deaths (CFR: 4.2%) have been reported from Sudan.

Zambia: Since the last update (13 October 2023), the Zambia National Public Health Institute (ZNPPI) reported one new confirmed case and no new deaths of cholera in Lusaka district. Cumulatively, 934 cases (360 confirmed; 574 suspected) and 19 deaths (CFR: 2.0%) have been reported this year.

Zimbabwe: Since the last update (13 October 2023), the MoH reported 215 new cases (7 confirmed; 208 suspected) and nine new deaths (CFR: 4.2%) of cholera. Cumulatively, 5,123 cases (965 confirmed; 4,158 suspected) and 144 deaths (CFR: 2.8%) have been reported from 41 of 64 districts.

Response by MS/partner/Africa CDC:

The Africa CDC continues to support the Member States to enhance surveillance, risk communication, and infection prevention and control in districts where the outbreak is currently ongoing.

Measles in Africa

20,508 confirmed case(s), **260,330** suspected case(s)
3,655 human deaths (**CFR: 1.3%**)
2 HCW confirmed case(s)

Agent/Pathogen	Measles virus	First Reported	6-Jan-2023	Previous Report Update	13-Oct-2023
First Occurred	1-Jan-2023	Country	Multiple Countries	Location	27 MS
Source	Ministry of Health	GeoScope	HIGH	Human Risk Assessment	MODERATE
Animal Risk Assessment	MODERATE				

Update to Event:

Since the beginning of this year, 280,838 (20,508 confirmed; 260,330 suspected) and 3,655 deaths (CFR: 1.3 %) of measles were reported from 27 AU MS: Angola (6,203 cases; 53 deaths), Botswana (13; 0), Burkina Faso (1,701; 2), Burundi (1,150; 0), Cameroon (8,503; 64), Central African Republic (CAR) (2,873; 0), Chad (8,915; 7), Congo (673; 4), DRC (190,598; 3,187), Ethiopia (18,899;149), Gabon (3,060; 0), Gambia (208; 0), Ghana (212; 0), Guinea (1,011; 2), Kenya (1,317; 23), Libya (391; 2), Liberia (7,897; 8), Mali (1,580; 2), Mauritania (793; 5), Mozambique (1,342; 0), Niger (1,690; 0), Senegal (4,475; 0), Somalia (9,843; 0), South Africa (843; 0), South Sudan (6,030; 145), Uganda (290; 1) and Zambia (328;1).

This week, a total of 1,976 new cases and 18 new deaths (CFR: 0.9%) were reported from seven AU MS: Burkina Faso, Congo, Ethiopia, Gabon, Liberia, Mali and Somalia.

Burkina Faso: Since the last update (13 October 2023), the MoH reported 30 new suspected cases and no new deaths of measles. Cumulatively, 1,701 cases (324 confirmed; 1,377 suspected) and two deaths (CFR: 0.2%) of measles have been reported from 35 of 70 districts in Burkina Faso.

Congo: Since the last report (27 September 2023), the MoH reported three suspected cases of measles from Etoumbi, Mouyondzi and Mvou districts. Cumulatively, 673 cases (138 confirmed; 535 suspected) and four deaths of measles have been reported from six of 26 provinces in Congo.

Ethiopia: Since the last update, (13 October 2023), the EPHI reported 1,647 new suspected cases and 18 new deaths (CFR: 1.1%) of measles. Cumulatively, 18,899 suspected cases and 149 deaths (CFR: 0.8%) have been reported from Ethiopia. The outbreak is active in eight of the 11 regions of the country, four of which account for 88% of the cases; Amhara, Oromia, Somali and Southern Nations, Nationalities and People's region.

Gabon: Since the last update (13 October 2023), the MoH reported one new confirmed case and no new deaths of measles from Ouest region (Komo-Kango). Cumulatively, 3,060 cases (1,608 confirmed; 1,452 suspected) and no deaths of measles have been reported from 10 of 26 districts.

Liberia: Since the last update (6 October 2023), the National Public Health Institute of Liberia (NPHIL) reported 14 confirmed cases and no new deaths of measles in seven counties. Cumulatively, 7,897 cases (3980 confirmed; 3,917 suspected) and 8 deaths (CFR: 0.1%) of measles were reported from all 15 counties.

Mali: Since the last update (13 October 2023), the MoH reported five new cases (3 confirmed; 2 suspected) and no new deaths of measles. The confirmed cases were reported from Kangaba (2 cases) and Commune II (1) districts. Cumulatively, 1,580 cases (359 confirmed; 1,221 suspected) and two deaths (CFR: 0.1%) of measles have been reported from five of nine regions in Mali.

Somalia: Since the last update (13 October 2023), the MoH reported 247 new suspected cases and no new deaths of measles. Cumulatively, 9,843 cases (84 confirmed; 9,759 suspected) and no deaths of measles have been reported from Somalia. The most affected regions include Banadir (2,936 cases), Bay (1,909), and Lower Juba (1,437). Children under five years make up 74% of the total cases reported.

Response by MS/partner/Africa CDC:

The MoH in these MS continue to strengthen measles surveillance and case management in the affected areas.

Yellow fever in Africa

126 confirmed case(s), **2,651** suspected case(s)
35 human deaths (**CFR: 1.3%**)

Agent/Pathogen	Yellow fever virus	First Reported	6-Jan-2023	Previous Report Update	6-Oct-2023
First Occurred	1-Jan-2023	Country	Multiple Countries	Location	7 MS
Source	Ministry of Health	GeoScope	MODERATE	Human Risk Assessment	MODERATE
Animal Risk Assessment	MODERATE				

Update to Event:

Since the beginning of 2023, a total of 2,777 cases (126 confirmed; 2,651 suspected) and 35 deaths (CFR: 1.3%) of yellow fever have been reported in seven AU MS: Cameroon (43 cases; 3 deaths), CAR (326; 5), Congo (320; 2), Gabon (79; 0), Guinea (178; 4), Nigeria (1,819; 21) and Uganda (12; 0).

This week, four new cases and no new deaths of yellow fever were reported from Congo and Gabon.

Congo: Since the last update (8 September 2023), the MoH reported three suspected cases and no deaths of yellow fever from Mvou-Mvou (2 cases; 0 deaths), and Ouenze (1) districts. Cumulatively, 320 cases (15 confirmed; 305 suspected) and two deaths (CFR: 13.3%) were reported from 11 out of 12 departments across the country.

Gabon: Since the last update (6 October 2023), the MoH reported one suspected cases of yellow fever from Bendje department, Ogooué-Maritime province in western Gabon. Cumulatively, 79 suspected cases and no deaths of measles have been reported from four of 10 regions in Gabon.

Response by MS/partner/Africa CDC:

The MoH conducted a health education and vector control campaign in the health districts.

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
- * 14,107 new cases of dengue is due to batch reporting from Burkina Faso.
- * Africa CDC inadvertently reported 7,013 mpox cases in the last report (13 October 2023). Correct values now listed.
- * 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.

References

Country	Risk Assessment	Enhance Surveillance	EOC Activation	Vaccination	Vector Control	Multisectoral Coordination	Capacity Building
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	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			