

Africa CDC Epidemic Intelligence Report

Date of Issue: 26 Oct 2024

Active Events

190

New Events reported
in 2024

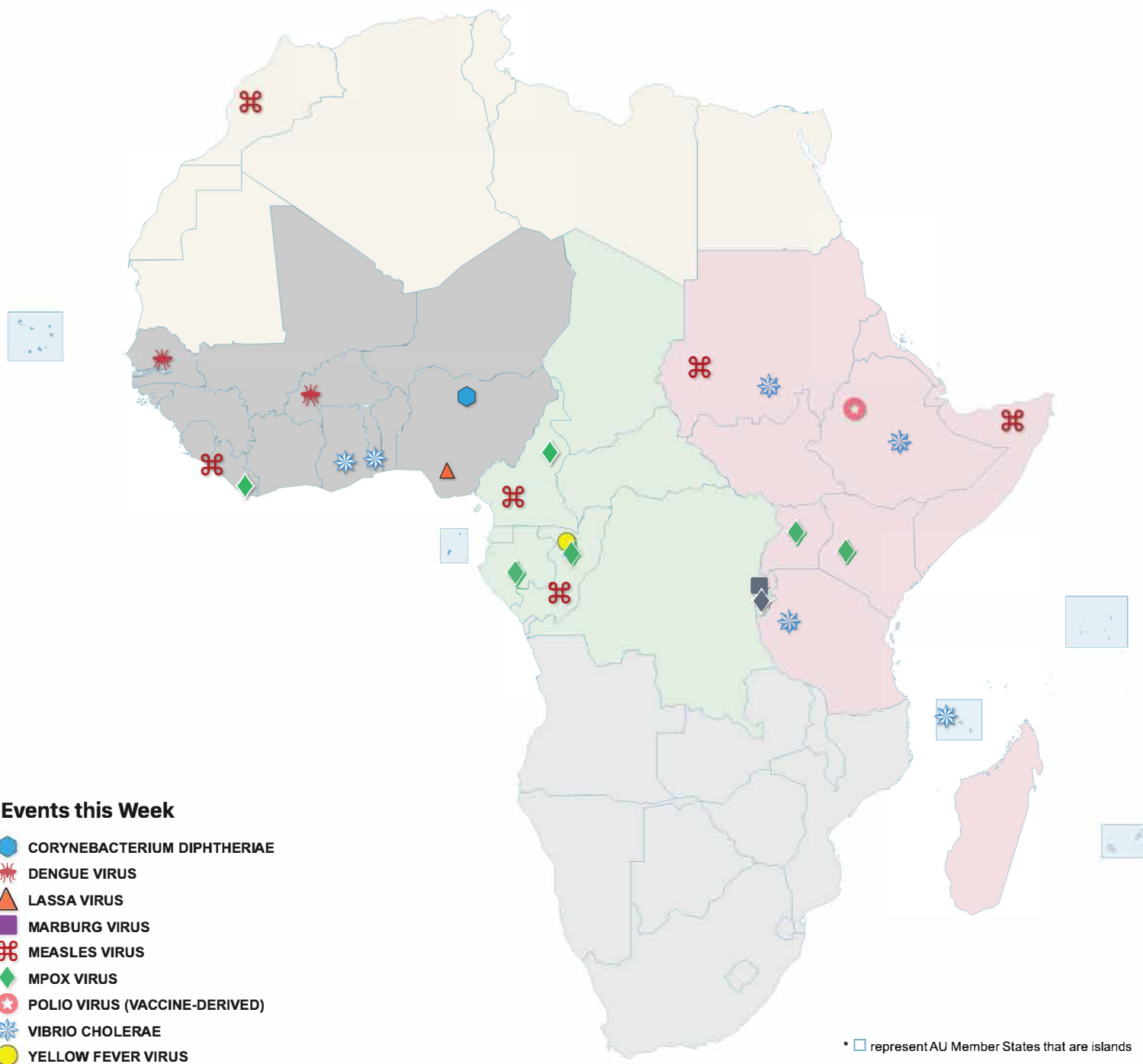
127

Events highlighted
this week

26

New events since
last issue




































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

	Risk Level		
	Very High (New)	High (New)	Moderate (New)
Human	0	7	19
Animal	0	0	0
Environment	0	0	0

Events Highlighted this week

Agent/Syndrome	Country	Risk:Human	Risk:Animal	Type	Suspected (New)	Probable (New)	Confirmed (New)	Deaths (New)
 Corynebacterium diphtheriae	Nigeria	High	N/A		5,146 (612)	0 (0)	9,049 (1,209)	397 (82)
 Dengue virus	Burkina Faso	Moderate	N/A		55,499 (4,028)	16,844 (1,371)	0 (0)	78 (4)
	Senegal	Moderate	N/A		0 (0)	0 (0)	94 (13)	0 (0)
 Lassa virus	Nigeria	Moderate	Moderate		8,569 (85)	0 (0)	1,035 (10)	174 (0)
 Marburg virus	Rwanda	High	N/A		0 (0)	0 (0)	64 (2)	15 (0)
 Measles virus	Cameroon	High	N/A		1,616 (35)	0 (0)	743 (9)	60 (0)
	Congo Republic	Moderate	N/A		440 (20)	0 (0)	66 (0)	4 (0)
	Liberia	Moderate	N/A		1,471 (38)	0 (0)	1,114 (43)	0 (0)
	Morocco	Moderate	N/A		8,861 (242)	0 (0)	4,564 (74)	86 (3)
	Somalia	Moderate	N/A		9,839 (124)	0 (0)	639 (21)	34 (1)
 Mpox virus	Sudan	High	N/A		600 (16)	0 (0)	0 (0)	10 (0)
	Burundi	Moderate	N/A		3,026 (238)	0 (0)	1,287 (117)	0 (0)
	Cameroon	Moderate	N/A		109 (6)	0 (0)	6 (0)	2 (0)
	Congo Republic	Moderate	N/A		239 (5)	0 (0)	22 (0)	0 (0)
	Gabon	Moderate	N/A		24 (1)	0 (0)	2 (0)	0 (0)
	Kenya	Moderate	N/A		249 (11)	0 (0)	14 (1)	1 (0)
	Liberia	Moderate	N/A		254 (25)	0 (0)	19 (1)	0 (0)
	Uganda	Moderate	N/A		830 (61)	0 (0)	152 (61)	0 (0)
 Polio virus (vaccine-derived)	Ethiopia	Moderate	N/A		0 (0)	0 (0)	13 (1)	0 (0)
 Vibrio cholerae	Comoros	High	N/A		0 (0)	0 (0)	10,540 (26)	152 (0)
	Ethiopia	Moderate	N/A		25,383 (143)	0 (0)	0 (0)	245 (5)
	Ghana	Moderate	N/A		200 (107)	0 (0)	31 (22)	1 (0)
	Sudan	High	N/A		28,596 (2,028)	0 (0)	48 (0)	651 (16)
	Tanzania	High	N/A		7,073 (1,275)	0 (0)	0 (0)	109 (12)
	Togo	Moderate	N/A		20 (1)	0 (0)	12 (2)	3 (0)
 Yellow fever virus	Congo Republic	Moderate	N/A		399 (72)	0 (0)	13 (0)	0 (0)

Very High Risk Events

Mpox in Africa

45,674 suspected case(s)
1,014 human deaths (**CFR: 2.22%**)

Agent/Pathogen	Mpox virus	First Reported	12-Jan-2024	Previous Report Update	18-Oct-2024
First Occurred	1-Jan-2024	Country	Multiple Countries	Location	18 MS
Source	Ministry of Health	GeoScope	HIGH	Human Risk Assessment	VERY HIGH
Animal Risk Assessment	N/A				

Update to Event:

Between epidemiological weeks 1 and 42, a total of 45,674 cases of mpox*, of which 9,298 have been confirmed, and 1014 deaths [case fatality rate (CFR): 2.33%] have been reported from 18 African Union (AU) Member States (MS): Burundi (1,287 lab-confirmed cases; 0 death), Cameroon (6; 2), Central Africa Republic (CAR) (58; 2) Congo (22; 0), Côte d'Ivoire (80; 1), Democratic Republic of Congo (DRC) (7,517; 1005), Gabon (2; 0), Ghana (2; 0), Guinea (1; 0), Liberia (19; 0), Kenya (14; 1), Morocco (2; 0), Nigeria (102; 0), Rwanda (6; 0), South Africa (25; 3), Uganda (152; 0) Zambia (1; 0), and Zimbabwe (2; 0). Of the 45,674 cases detected, 24,017 were tested resulting in a 52.8% testing rate and positivity rate of 36.2%.

In epidemiological week 42, 347 cases, of which 180 were laboratory confirmed, and no death of mpox were reported from seven AU MS: Burundi, Cameroon, Congo, Gabon, Kenya, Liberia, and Uganda.

Burundi: Since the last update (18 October 2024), the Ministry of Health (MoH) reported 238 new cases, of which 117 were laboratory-confirmed, with no new deaths of mpox from 32 health districts in Burundi. This is a 15% decrease in the number of new cases compared to the last update. Cumulatively, 3,026 suspected cases, of which 1,287 were laboratory-confirmed, and no deaths of mpox have been reported from 42 of 49 health districts in Burundi. Children <15 years accounted for 48.4% of confirmed cases and 52.3% of confirmed cases were males. A total of 3,018 cases were tested resulting in a testing rate of 99.7% and a 42.6% positivity rate. The clade Ib mpox strain was isolated from confirmed cases.

Cameroon: Since the last update (18 October 2024), the MoH reported six new cases, of which none were laboratory-confirmed, and no new deaths of mpox from two regions. This is a 20% increase in the number of new cases compared to the last update. Cumulatively, 109 cases, of which six were laboratory-confirmed, and two deaths (CFR: 2.0%) of mpox have been reported from six of ten regions in Cameroon. Children <15 years accounted for 60% and males accounted for 80% of confirmed cases. A total of 82 cases were tested resulting in a testing rate of 75.2% and a positivity rate of 7.3 %. The clade II mpox strain was isolated from confirmed cases.

Congo: Since the last update (27 September 2024), the MoH reported five new suspected cases and no death of mpox from pointe-Noire department. Cumulatively, 239 suspected cases of which 22 were lab-confirmed and no deaths of mpox have been reported from four of twelve departments in Congo. Of the confirmed cases, children <15 years accounted for 38.09% and males accounted for 57.14%. Of the 239 cases detected, 147 were tested resulting in a testing rate of 61.5% and a positivity rate of 15%.

Kenya: Since the last update (18 October 2024), the MoH reported one new laboratory-confirmed case of mpox and no new deaths of mpox from Uasin Gishu county. This is the same number of cases reported in the last update. Cumulatively, 14 laboratory-confirmed cases and one death (CFR: 7.1%) of mpox have been reported from 11 of 47 counties in Kenya. All confirmed cases are persons aged 15 years and above. Males accounted for 57% of confirmed cases. A total of 249 cases were tested resulting in a 100% testing rate and a 5.6% positivity rate. The clade Ib was reported from five of the confirmed cases.

Liberia: Since the last update (18 October 2024), the MoH reported 25 new cases, of which one was laboratory confirmed, and no new deaths of mpox from eight counties. Cumulatively, 254 suspected cases, of which 19 were confirmed, and no deaths of mpox have been reported from nine counties in Liberia. Children <15 years account for 39% of confirmed cases. A total of 204 cases were tested resulting in a 80% testing rate and a 9.3% positivity rate.

Gabon: Since the last update (18 October 2024) the MoH reported one case, with no laboratory confirmation, and no new deaths of mpox from Libreville. Cumulatively, 24 cases, of which two were laboratory-confirmed, and no deaths of mpox have been reported from three of ten regions in Gabon. All 24 detected cases were tested resulting in a testing rate of 100% and a positivity rate of 8%. The specific clade of mpox virus has not yet been determined.

Uganda: Since the last update (18 October 2024), the MoH reported 61 new laboratory-confirmed cases of mpox and no deaths from 13 districts. This is a 177% increase in the number of new cases reported compared to the last update. Cumulatively, 152 laboratory-confirmed and no deaths of mpox have been reported from 19 of 146 districts in Uganda. A total of 830 cases were tested resulting in a 100% testing rate and a 18.3% positivity rate. The clade Ib was isolated from all sequenced cases.

Note: In 2023, a total of 14,838 cases (1,665 confirmed; 13,173 suspected) and 738 confirmed deaths (CFR: 5.0%) of mpox were reported from seven AU MS: Cameroon (140 cases; 1 death), CAR (67; 2), Congo (95; 5), DRC (14,434; 728), Ghana (11; 0), Liberia (11; 0), and Nigeria (80; 2).

Response by MS/partner/Africa CDC:

The ministries of health in the affected MS continue to intensify surveillance, risk communication, and community engagement activities in the affected areas. The continental mpox incident management team continues to mobilize resources and provide guidance for mpox preparedness and response activities in line with the continental joint response plan. Five AU MS have either developed or are in the process of developing mpox vaccination plans. DRC and Rwanda have started vaccination of targeted population while Nigeria is planning for vaccine rollout. Additionally, the Director General of the Africa CDC continues to provide weekly press briefing to the media on the mpox situation on the continent.

High Risk Events

Lassa fever in Africa

1,075 confirmed human case(s)
8,754 suspected human case(s)
186 human deaths (**CFR: 17.30%**)

Agent/Pathogen	Lassa virus	First Reported	1-Jan-2024	Previous Report Update	18-Oct-2024
First Occurred	1-Jan-2024	Country	Multiple Countries	Location	3 MS
Source	Ministry of Health	GeoScope	MODERATE	Human Risk Assessment	HIGH
Animal Risk Assessment	N/A				

Update to Event:

Between epidemiological weeks 1 and 42, a total of 9,829 cases (1,075 confirmed; 8,754 suspected) and 186 deaths (CFR: 17.3%) of Lassa fever have been reported from three AU MS: Guinea (27 cases; 2 deaths), Liberia (198; 10), and Nigeria (9,604; 174).

In epidemiological week 42, 95 new cases and no new deaths of Lassa fever were reported from Nigeria.

Nigeria: Since the last update (18 October 2024), the NCDC reported 95 new cases (10 confirmed; 85 suspected) and no deaths of Lassa fever from four states. This is a 19% increase in the number of new cases reported compared to the last update. Cumulatively, 9,604 cases (1,035 confirmed; 8,569 suspected) and 174 deaths (CFR: 16.8%) of Lassa fever have been reported from 28 of 36 states and the federal capital territory this year.

Response by MS/partner/Africa CDC:

A national Lassa fever multi-partner multi-sectoral Emergency Operations Centre (EOC) was activated to coordinate response activities at all levels.

Marburg in Rwanda

64 confirmed human case(s)
15 human deaths (**CFR: 23.44%**)

Agent/Pathogen	Marburg virus	First Reported	27-Sep-2024	Previous Report Update	18-Oct-2024
First Occurred	27-Sep-2024	Country	Rwanda	Location	7 districts
Source	Ministry of Health	GeoScope	LOW	Human Risk Assessment	HIGH
Animal Risk Assessment	N/A				

Update to Event:

Since the last update, (18 October 2024) the MoH reported two new confirmed cases and no new deaths of Marburg in Rwanda. Of the two new cases, one is a healthcare worker that was involved in the management of cases at the Marburg treatment centre. The healthcare worker had been vaccinated and presented with mild symptoms. The second new case is connected to follow-up of contacts at the site linked to the index case. This is a 50% decrease in the number of new cases reported compared to the last update. Cumulatively, 64 confirmed cases and 15 deaths (CFR: 23.44) of Marburg have been reported from seven of thirty districts in Rwanda. In addition, a total of 46 recoveries have been reported to date.

Response by MS/partner/Africa CDC:

The MoH, in collaboration with Africa CDC and partners, continues to conduct enhanced surveillance, case management, risk communication, and community engagement in the affected districts. Exit screening at points of entry to limit the risk of international spread is ongoing. In addition, the MoH continues to conduct vaccination of high-risk contacts, with a total of 1,302 persons vaccinated to date.

Moderate Risk Events

Cholera in Africa

24,537 confirmed human case(s), **13** probable human case(s), **153,011** suspected human case(s)
3,048 human deaths (**CFR: 1.72%**)

Agent/Pathogen	Vibrio cholerae	First Reported	1-Jan-2024	Previous Report Update	18-Oct-2024
First Occurred	1-Jan-2024	Country	Multiple Countries	Location	19 MS
Source	Ministry of Health	GeoScope	HIGH	Human Risk Assessment	MODERATE
Animal Risk Assessment	N/A				

Update to Event:

Between epidemiological weeks 1 and 42, a total of 177,561 cases (24,537 confirmed; 13 probable; 153,011 suspected) and 3,048 deaths (CFR: 1.72%) of cholera have been reported from 19 AU MS: Burundi (762 cases; 3 deaths), Cameroon (525; 8), Comoros (10,540; 152), Democratic Republic of Congo [DRC] (25,200; 344), Ethiopia (25,383; 245), Ghana (231; 1), Kenya (300; 3), Malawi (261; 3), Mozambique (8,183; 17), Niger (273; 10), Nigeria (10,837; 359), Somalia (19,640; 138), South Africa (150; 1), Sudan (28,644; 651), Tanzania (7,073; 109), Togo (32; 3), Uganda (52; 3), Zambia (20,063; 612), and Zimbabwe (19,412; 386).

In epidemiological week 42, 3,604 new cases and 33 new deaths of cholera were reported from six AU MS: Comoros, Ethiopia, Ghana, Sudan, Tanzania, and Togo.

Comoros: Since the last update (18 October 2024), the MoH reported 26 new confirmed cases and no new deaths of cholera from Ngazidja region. This is a three-fold increase in the number of new cases reported compared to the last update. Cumulatively, 10,540 confirmed cases and 152 deaths (CFR: 1.4%) of cholera have been reported from Mwali (581 cases; 8 deaths), Ndzuwani (9,126; 126), and Ngazidja (833; 18) regions.

Ethiopia:** Since the last update (11 October 2024), the Ethiopian Public Health Institute (EPHI) reported 143 new suspected cases and five new deaths (CFR: 3.5%) of cholera from six regions. Cumulatively, 25,383 suspected cases and 245 deaths (CFR: 0.9%) of cholera have been reported from 11 of 13 regions in Ethiopia this year. This is a protracted outbreak that started in August 2022.

Ghana: Since the last update (18 October 2024) the Ghana Health Services reported 129 new cases (22 confirmed; 107 suspected) and no new deaths of cholera from the Ada East and Ada West districts in Greater Accra region. This is a 163% increase in the number of new cases compared to the last update. Cumulatively, 231 cases (31 confirmed; 200 suspected) and one death (CFR: 0.4%) of cholera were reported from two districts in Greater Accra region. *Vibrio cholerae* O1 was isolated from the confirmed cases.

Sudan*:** Since the last update (18 October 2024), the MoH reported 2,028 new suspected cases and 16 new deaths (CFR: 2.3%) of cholera from 11 states. This is a 24% decrease in the number of new cases reported compared to the last update. Cumulatively, 28,644 cases (48 confirmed; 28,596 suspected) and 651 deaths (2.3%) of cholera from 12 states this year. This is a protracted outbreak that started in July 2023. The outbreak is occurring amid a sustained complex humanitarian crisis.

Tanzania:** Since the last update (27 September 2024), the MoH reported 1,275 new suspected cases and 12 new deaths of cholera from nine regions. Cumulatively, 7,073 suspected cases and 109 deaths (CFR: 1.5%) of cholera have been reported from 23 of 31 regions in Tanzania this year. This is a protracted outbreak that started in September 2023.

Togo: Since the last update (18 October 2024), the MoH reported three new cases (2 confirmed; 1 suspected) and no new deaths of cholera from Maritime region. This is an 84% decrease in the number of new cases compared to the last update. Cumulatively, 32 cases (12 confirmed; 20 suspected) and three deaths (CFR: 10%) of cholera have been reported from two of the five regions in Togo. Of the total cases, males accounted for 53% and 44% were persons aged 15 - 44 years.

Note: In 2023, a total of 638,942 cases (21,751 confirmed; 617,191 suspected) and 6,453 deaths (CFR: 1.0%) of measles were reported from 28 AU MS: Angola (6,203 cases; 53 deaths), Botswana (13; 0), Burkina Faso (1,701; 2), Burundi (1,150; 0), Cameroon (9,207; 75), CAR (2,873; 0), Chad (9,932; 8), Congo (631; 5), DRC (313,732; 5,855), Ethiopia (31,103; 242), Gabon (3,112; 0), Gambia (208; 0), Ghana (212; 0), Guinea (1,011; 2), Kenya (1,551; 24), Libya (391; 2), Liberia (8,501; 9), Malawi (32; 0), Mali (1,580; 0), Mauritania (924; 8), Mozambique (1,342; 0), Niger (1,690; 0), Senegal (4,534; 0), Somalia (12,642; 0), South Africa (967; 0), South Sudan (7,470; 166), Uganda (409; 1), and Zambia (8,029; 1).

Response by MS/partner/Africa CDC:

The ministries of health in the affected MS continue to strengthen surveillance and case management, as well as implement water, hygiene, and sanitation interventions in the affected areas.

Measles in Africa

20,048 confirmed human case(s), **201,351** suspected human case(s)
3,008 human deaths (**CFR: 1.36%**)

Agent/Pathogen	Measles virus	First Reported	1-Jan-2024	Previous Report Update	18-Oct-2024
First Occurred	1-Jan-2024	Country	Multiple Countries	Location	29 MS
Source	Ministry of Health	GeoScope	HIGH	Human Risk Assessment	MODERATE
Animal Risk Assessment	N/A				

Update to Event:

Between epidemiological weeks 1 and 42, a total of 221,399 cases (20,048 confirmed; 201,351 suspected) and 3,008 deaths (CFR: 1.36%) of measles have been reported from 29 AU MS: Burkina Faso (10,639 cases; 46 deaths), Burundi (14,795; 149), Cameroon (2,359; 60), Central African Republic [CAR (4,550; 4)], Côte d'Ivoire (7,856; 169), Chad (8,507; 27), Congo (506; 4), DRC (85,103; 2,053), Ethiopia (27,718; 216) Gabon (307; 1), Ghana (1,398; 0), Kenya (1,953; 13), Liberia (2,585; 0), Mali (610; 0), Malawi (306; 0), Mauritania (2,881; 4), Morocco (13,425; 86), Mozambique (655; 23), Namibia (105; 0), Nigeria (10,870; 39), Niger (2,226; 13), Senegal (425; 0), Sierra Leone (67; 1), Somalia (10,478; 34), Sudan (600; 10), South Sudan (3,200; 41), Togo (628; 2), Uganda (2,011; 13), and Zambia (4,636; 0).

In epidemiological week 42, 622 new cases and four new deaths of measles were reported from six AU MS: Cameroon, Congo, Liberia, Morocco, Sudan, and Somalia.

Cameroon:** Since the last update (11 October 2024), the MoH reported 44 new cases (9 confirmed; 35 suspected) and no new deaths of measles from 15 districts. Cumulatively, 2,359 cases (743 confirmed; 1,616 suspected) and 60 deaths (CFR: 2.5%) of measles have been reported from five regions in Cameroon. The outbreak is active in 15 health districts in three regions. Of the total reported confirmed cases, 66.7% were unvaccinated and children below five years accounted for 45.9%. In 2023, the national measles vaccination coverage among children <2 years in Cameroon was 56%.

Congo :** Since the last update (4 October 2024), the MoH reported 20 new suspected cases and no new deaths of measles from three departments. Cumulatively, 506 cases (66 confirmed; 440 suspected) and four deaths (CFR: 0.8%) of measles have been reported from six of 12 departments in Congo this year. This is a protracted outbreak that started in April 2022. In 2022, the national measles vaccination coverage among children <1 year in Congo was 65%.

Liberia :** Since the last update (11 October 2024), the MoH reported 81 new cases, (43 confirmed; 38 suspected) and no new deaths from six counties. Cumulatively, 2,585 cases (1,114 confirmed; 1,471 suspected) and no deaths of measles have been reported from all the 14 counties in Liberia this year. Of the confirmed cases, 40% were unvaccinated and children below five years accounted for 52%. This is a protracted outbreak that started in December 2021. In 2023, the national measles vaccination coverage among children <2 years in Liberia was 58%.

Morocco: Since the last update (18 October 2024), the MoH reported 316 new cases (74 confirmed; 242 suspected) and three new deaths (CFR: 0.9%) of measles from 10 regions. Cumulatively 13,425 cases (4,564 confirmed; 8,861 suspected) and 86 deaths (CFR: 0.6%) of measles have been reported from all 12 regions in Morocco this year. This is a protracted outbreak that started in October 2023. In 2022, the national measles vaccination coverage among children <1 year in Morocco was 99%.

Somalia: Since the last update (18 October 2024), the MoH reported 145 new cases (21 confirmed; 124 suspected) and one new death (CFR: 0.7%) of measles from six states. Of the new cases, 80% were children <5 years. Cumulatively, 10,478 cases (639 confirmed; 9,839 suspected) and 34 deaths (CFR: 0.3%) of measles have been reported from all seven states in Somalia this year. This is a protracted outbreak that started in March 2023. In 2023, the national measles vaccination coverage among children <2 years in Somalia was 23%.

Sudan: Since the last update (18 October 2024), the MoH reported 16 new suspected cases and no new deaths of measles from 11 states. Cumulatively, 600 suspected cases and 10 deaths (CFR: 1.7%) have been reported from 11 states. Sixty percent of the deaths were reported among males. The outbreak is occurring amid a sustained complex humanitarian crisis. In 2022, the national measles vaccination coverage among children <1 year in Sudan was 81%.

Note: In 2023, a total of 638,942 cases (21,751 confirmed; 617,191 suspected) and 6,453 deaths (CFR: 1.0%) of measles were reported from 28 AU MS: Angola (6,203 cases; 53 deaths), Botswana (13; 0), Burkina Faso (1,701; 2), Burundi (1,150; 0), Cameroon (9,207; 75), CAR (2,873; 0), Chad (9,932; 8), Congo (631; 5), DRC (313,732; 5,855), Ethiopia (31,103; 242), Gabon (3,112; 0), Gambia (208; 0), Ghana (212; 0), Guinea (1,011; 2), Kenya (1,551; 24), Libya (391; 2), Liberia (8,501; 9), Malawi (32; 0), Mali (1,580; 0), Mauritania (924; 8), Mozambique (1,342; 0), Niger (1,690; 0), Senegal (4,534; 0), Somalia (12,642; 0), South Africa (967; 0), South Sudan (7,470; 166), Uganda (409; 1), and Zambia (8,029; 1).

Response by MS/partner/Africa CDC:

The ministries of health in the affected MS continue to strengthen measles surveillance, case management, and supplementary immunization activities in the affected areas.

Yellow fever in Africa

36 confirmed human case(s), **5** probable human case(s), **662** suspected human case(s)
6 human deaths (**CFR: 0.85%**)

Agent/Pathogen	Yellow fever virus	First Reported	1-Jan-2024	Previous Report Update	18-Oct-2024
First Occurred	1-Jan-2024	Country	Multiple Countries	Location	7 MS
Source	Ministry of Health	GeoScope	MODERATE	Human Risk Assessment	MODERATE
Animal Risk Assessment	N/A				

Update to Event:

Between epidemiological weeks 1 and 42, a total of 703 cases (36 confirmed; 5 probable; 662 suspected) and six deaths (CFR: 0.85%) of yellow fever have been reported from seven AU MS: CAR (37 cases; 0 deaths), Cameroon (8; 0), Congo (412; 0), Gabon (104; 0), Guinea (2; 0), South Sudan (139; 6), and Uganda (1; 0).

In epidemiological week 42, 72 new cases and no new deaths of yellow fever were reported from Congo.

Congo:** Since the last update (30 August 2024), the MoH reported 72 new suspected cases and no new deaths of yellow fever from four departments. Cumulatively, 412 cases (13 confirmed; 399 suspected) and no deaths of yellow fever were reported from six of the 12 departments in Congo this year.

Response by MS/partner/Africa CDC:

Congo: The MoH continues to implement vector control and community engagement activities in the affected areas.

Dengue fever in Africa

11,868 confirmed human case(s), **16,844** probable human case(s), **70,671** suspected human case(s)
101 human deaths (**CFR: 0.10%**)

Agent/Pathogen	Dengue virus	First Reported	12-Jan-2024	Previous Report Update	18-Oct-2024
First Occurred	1-Jan-2024	Country	Multiple Countries	Location	15 MS
Source	Ministry of Health	GeoScope	MODERATE	Human Risk Assessment	MODERATE
Animal Risk Assessment	N/A				

Update to Event:

Between epidemiological weeks 1 and 42, a total of 99,383 cases (11,868 confirmed; 16,844 probable; 70,671 suspected) and 101 deaths (CFR: 0.1%) of dengue fever have been reported from 15 AU MS: Burkina Faso (72,343 cases; 78 deaths), Cameroon (1 ; 0), Cabo Verde (1,205; 0), CAR (324; 1), Chad (983; 0), Côte d'Ivoire (39; 0), Ethiopia (3,002; 0), Ghana (1,713; 2), Kenya (88; 0), Mali (6,381; 7), Mauritius (9,166; 8), Sao Tome and Principe (9; 0), Senegal (94; 0), Sudan (1,830; 2), and Togo (2,205; 3).

In epidemiological week 42, 5,412 new cases and four new deaths of dengue fever were reported from Burkina Faso and Senegal.

Burkina Faso: Since the last update (18 October 2024), the MoH reported 5,399 new cases (4,028 suspected; 1,371 probable) and four new deaths (CFR: 0.07%) of dengue fever from all 13 regions in Burkina Faso. This is an 8% increase in the number of new cases compared to the last update. Cumulatively, 72,343 cases (55,499 suspected; 16,844 probable) and 78 deaths (CFR: 0.1%) of dengue fever have been reported from all 13 regions in Burkina Faso this year. Two serotypes (DENV-1 and DENV-3) were detected among confirmed cases. The Center region accounted for 53% of all cases and 46% of all deaths reported. This is a protracted outbreak that started in September 2023.

Senegal: Since the last update (18 October 2024), the MoH reported 13 new confirmed cases and no new deaths of dengue fever from nine regions. Cumulatively, 94 confirmed cases and no deaths of dengue fever have been reported from nine of the 15 regions in Senegal. Of the confirmed cases, persons 15 - 35 years and males accounted for 62% and 55% respectively.

Note: In 2023, a total of 280,218 cases (21,999 confirmed; 70,433 probable; 187,786 suspected) and 808 deaths (CFR: 0.3%) of dengue fever were reported from 18 AU MS: Angola (3 cases; 0 deaths), Benin (6; 1), Burkina Faso (242,425; 709), Cabo Verde (410; 0), Chad (1,581; 1), Côte d'Ivoire (3,895; 27), Egypt (578; 0), Ethiopia (21,469; 17), Ghana (18 ; 0), Guinea (6; 1), Mali (6,177; 34), Mauritius (265; 0), Niger (148; 0), Nigeria (84; 0), Sao Tome and Principe (1,227; 11), Senegal (254; 0), Sudan (1,664; 7), and Togo (8; 0).

Response by MS/partner/Africa CDC:

The ministries of health in the affected countries continue to enhance surveillance, case management, vector control, and risk communication activities.

Diphtheria in Africa

9,816 confirmed human case(s)
9,314 suspected human case(s)
494 human deaths (**CFR: 5.03%**)

Agent/Pathogen	Corynebacterium diphtheriae	First Reported	20-Jan-2023	Previous Report Update	11-Oct-2024
First Occurred	1-Jan-2024	Country	Multiple Countries	Location	5 MS
Source	Ministry of Health	GeoScope	MODERATE	Human Risk Assessment	MODERATE
Animal Risk Assessment	N/A				

Update to Event:

Between epidemiological weeks 1 and 42, a total of 19,130 cases (9,816 confirmed; 9,314 suspected) and 494 deaths (CFR: 5.03%) of diphtheria have been reported from five AU MS: Chad (1,307 cases; 51 death), Gabon (13; 0), Guinea (2,869; 17), Niger (746; 29), and Nigeria (14,195; 397).

In epidemiological week 42, 1,821 new cases and 82 new deaths of diphtheria were reported from Nigeria.

Nigeria** : Since the last update (11 October 2024), the Nigeria Centre for Disease Control and Prevention (NCDC) reported 1,821 new cases (1,209 confirmed; 612 suspected) and 82 new deaths (CFR: 6.8%) of diphtheria from nine states. Cumulatively, 14,195 cases (9,049 confirmed; 5,146 suspected) and 397 deaths (CFR: 4.4%) of diphtheria have been reported from 22 of 36 states and the federal capital territory this year. Of the total cases, females accounted for 63% and only 22% of the cases were fully vaccinated against diphtheria. This is a protracted outbreak that started in December 2022. In 2023, the national Penta 3 vaccination coverage among children <1 year in Nigeria was 84%.

Note: In 2023, a total of 27,346 cases (13,879 confirmed; 13,467 suspected) and 797 deaths (CFR: 5.7%) of diphtheria were reported from six AU MS: Algeria (80 cases; 10 deaths), Guinea (2,676; 91), Mauritania (20; 6), Niger (2,198; 91), Nigeria (22,359; 578), and South Africa (13; 1).

Response by MS/partner/Africa CDC:

Nigeria: The MoH continues to conduct enhanced surveillance, case management, laboratory testing, and risk communication activities in the affected areas.

Polio virus (vaccine-derived) in Africa

138 confirmed human case(s)
0 human deaths (**CFR: 0.00%**)

Agent/Pathogen	Polio virus (vaccine-derived)	First Reported	23-Feb-2024	Previous Report Update	18-Oct-2024
First Occurred	1-Jan-2024	Country	Multiple Countries	Location	14 MS
Source	Ministry of Health	GeoScope	MODERATE	Human Risk Assessment	MODERATE
Animal Risk Assessment	N/A				

Update to Event:

Between epidemiological weeks 1 and 42, six confirmed cases and no deaths of circulating vaccine-derived poliovirus type 1 (cVDPV1) have been reported from DRC (5 cases) and Mozambique (1). Additionally, 130 confirmed cases and no deaths of circulating vaccine-derived poliovirus type 2 (cVDPV2) have been reported from 14 AU MS: Angola (7 cases), Benin (1), Chad (8), DRC (10), Ethiopia (13), Guinea (5), Kenya (1), Liberia (1), Niger (9), Nigeria (61), Senegal (1), Somalia (3), South Sudan (9), and Zimbabwe (1) and two confirmed cases and no deaths of circulating vaccine-derived poliovirus type 3 (cVDPV3) have been reported from Guinea.

In epidemiological week 42, one confirmed case of cVDPV2 was reported from Ethiopia.

Ethiopia: Since the last update (9 August 2024), the Global Polio Eradication Initiative (GPEI) reported one new case and no new deaths of cVDPV2 from the Somali region. Cumulatively, 13 confirmed cases of cVDPV2 have been reported from five of thirteen regions in Ethiopia. In 2023, one case of cVDPV2 was reported from Ethiopia. In 2022, the national oral polio vaccination (OPV3) coverage among children <1 year in Ethiopia was 88%.

Note: In 2023, a total of 133 confirmed cases of circulating vaccine-derived poliovirus type 1 (cVDPV1) were reported from three AU MS: DRC (106 cases), Madagascar (24) and Mozambique (4) and 378 cases of cVDPV2 were reported from 20 AU MS: Benin (3), Burkina Faso (2), Burundi (3), CAR(14) Chad (55), Côte d'Ivoire (6), DRC (117), Ethiopia (1), Guinea (47), Kenya (14), Mali (11), Mauritania (1), Mozambique (1) Niger (2), Nigeria (87), Tanzania (3), Somalia (8), South Sudan (3), Zambia (1) and Zimbabwe (1).

Response by MS/partner/Africa CDC:

The ministries of health continue to strengthen acute flaccid paralysis surveillance and polio supplemental vaccination campaigns in the affected areas.

*** A backlog of 1,207 cases and 24 deaths of mpox were reported for week 41 from DRC, as well as 13 cases and one death from CAR. Similarly, a backlog of 16 cases, including six confirmed cases, and no deaths of mpox were reported for week 41 from Cote d'Ivoire and 42 cases, including eight confirmed cases, and no deaths from Nigeria.**

**** Cases of cholera in Ethiopia and Tanzania; measles in Cameroon, Congo and Liberia; diphtheria in Nigeria; and yellow fever in Congo are batch reports.**

***** A backlog of 223 cholera cases (48 confirmed; 175 suspected) was reported from Sudan.**

- Mpox cases include all persons who have presented with symptoms consistent with the suspected case definition for mpox.

-Epidemiological week 42 covers the period from October 14 to October 20, 2024.

-The Cases in this report include confirmed, probable, and suspected cases.

- CFR are calculated using confirmed cases and deaths only, except for bacterial meningitis, cholera, measles, mpox, dengue, and yellow fever 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: the event is limited to sub-national areas within one MS; Moderate: The event is affecting multiple countries within an AU region or has been imported from/exported to 1-2 countries from another global region; High: The 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 of 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 or very high depending on how they score on the above criteria.