

Africa CDC Epidemic Intelligence Report

Date of Issue: 18 May 2024

Active Events

136

 New Events reported
in 2024

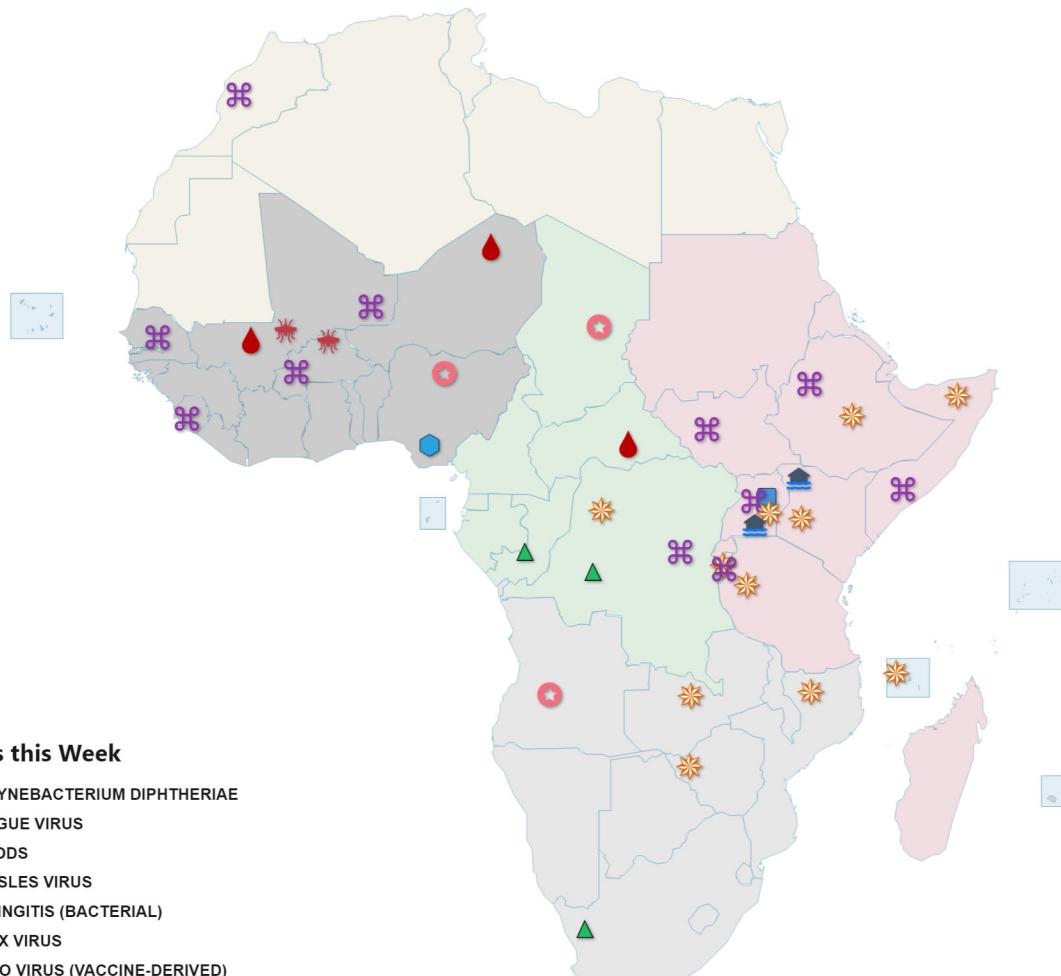
74

 Events highlighted
this week

38

 New events since
last issue

6



* □ 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 (New)	High (New)	Moderate (New)
Human	0	18 (3)	18 (2)
Animal	0	0	0
Environment	0	0	2 (1)

Event Summary

New events since last issue

Agent/Syndrome	Country	Risk:Human	Risk:Animal	Type	Suspected	Probable	Confirmed	Deaths
 Floods	Uganda	Mode...	N/A		0	0	7,976	31
 Measles virus	Sierra Leone	High	N/A		54	0	13	1
 Meningitis (Bacterial)	Niger	Mode...	N/A		296	0	281	28
 Mpox virus	South Africa	High	N/A		0	0	1	0
 Polio virus (vaccine-derived)	Angola	Mode...	N/A		0	0	1	0
 Vibrio cholerae	Uganda	High	N/A		0	13	6	2

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		2,901 (295)	0 (0)	4,186 (510)	76 (0)
Dengue virus	Burkina Faso	High	N/A		18,283 (629)	5,406 (178)	0 (0)	42 (2)
	Mali	Mode...	N/A		2,862 (61)	0 (0)	604 (1)	4 (0)
	Mauritius	Mode...	N/A		0 (0)	0 (0)	7,739 (960)	8 (3)
Floods	Kenya	Mode...	N/A		0 (0)	0 (0)	209,045 (14,740)	277 (67)
Measles virus	Burkina Faso	Mode...	N/A		9,181 (315)	0 (0)	362 (0)	45 (2)
	Burundi	Mode...	N/A		7,642 (786)	0 (0)	0 (0)	99 (3)
	Democratic Republic of the Congo	High	N/A		49,355 (6,408)	0 (0)	1,764 (0)	1,081 (1,081)
	Ethiopia	Mode...	N/A		21,343 (763)	0 (0)	0 (0)	178 (16)
	Mali	Mode...	N/A		222 (0)	0 (0)	274 (3)	0 (0)
	Morocco	Mode...	N/A		3,692 (278)	0 (0)	1,836 (151)	10 (0)
	Senegal	Mode...	N/A		0 (0)	0 (0)	252 (5)	0 (0)
	Somalia	Mode...	N/A		5,948 (256)	0 (0)	306 (21)	17 (1)
	South Sudan	High	N/A		13,222 (2,568)	0 (0)	1,154 (189)	267 (56)
	Uganda	Mode...	N/A		828 (69)	0 (0)	58 (11)	11 (4)
Meningitis (Bacterial)	Central African Republic	Mode...	N/A		254 (8)	0 (0)	12 (0)	24 (1)
	Mali	Mode...	N/A		221 (9)	0 (0)	56 (1)	0 (0)
Mpox virus	Congo Republic	Mode...	N/A		68 (9)	0 (0)	19 (0)	0 (0)
	Democratic Republic of the Congo	High	N/A		6,368 (468)	0 (0)	319 (0)	349 (14)
Polio virus (vaccine-derived)	Chad	Mode...	N/A		0 (0)	0 (0)	2 (1)	0 (0)
	Nigeria	Mode...	N/A		0 (0)	0 (0)	17 (5)	0 (0)
Rift Valley Fever virus	Uganda	Mode...	Low		0 (0)	0 (0)	7 (6)	4 (3)
Vibrio cholerae	Burundi	High	N/A		330 (19)	0 (0)	0 (0)	1 (0)
	Comoros	High	N/A		0 (0)	0 (0)	5,677 (615)	113 (11)
	Democratic Republic of the Congo	High	N/A		15,790 (15,790)	0 (0)	398 (398)	274 (7)
	Ethiopia	High	N/A		15,421 (789)	0 (0)	0 (0)	127 (13)
	Kenya	High	N/A		2 (0)	0 (0)	237 (53)	1 (0)
	Mozambique	High	N/A		0 (0)	0 (0)	15,967 (107)	15 (3)
	Somalia	High	N/A		10,033 (1,266)	0 (0)	614 (6)	102 (13)
	Tanzania	High	N/A		3,197 (694)	0 (0)	0 (0)	42 (10)
	Zambia	High	N/A		22,243 (28)	0 (0)	906 (55)	738 (9)
	Zimbabwe	High	N/A		27,539 (230)	0 (1)	9,596 (5)	701 (126)

Human Event Updates

High Risk Events

Cholera in Africa

18,448 confirmed human case(s), **13** probable human case(s), **82,775** suspected human case(s)
1,705 human deaths (CFR: **1.68%**)

Agent/Pathogen	Vibrio cholerae	First Reported	1-Jan-2024	Previous Report Update	10-May-2024	First Occurred	1-Jan-2024
Country	Multiple Countries	Location	16 MS	Source	Ministry of Health	GeoScope	HIGH
Human Risk Assessment	HIGH	Animal Risk Assessment	N/A				

Update to Event:

Since the beginning of this year, a total of 101,236 cases (18,448 confirmed; 13 probable; 82,775 suspected) and 1,705 deaths (CFR: 1.68%) of cholera have been reported from 16 African Union (AU) Member states (MS): Burundi (330 cases; 1 deaths), Cameroon (138; 27), Comoros (5,677; 113), Democratic Republic of Congo [DRC (15,790; 274)], Ethiopia (15,421; 127), Kenya (239; 1), Malawi (243; 3), Mozambique (7,606; 15), Nigeria (559; 7), Somalia (10,647; 102), South Africa (150; 1), Sudan (2,408; 0), Tanzania (3,197; 42), Uganda (52; 3), Zambia (19,930; 612) and Zimbabwe (18,849; 377). This week, 4,482 new cases and 57 new deaths of cholera were reported from eleven AU MS: Burundi, Comoros, DRC, Ethiopia, Kenya, Mozambique, Somalia, Tanzania, Uganda, Zambia and Zimbabwe.

Burundi: Since the last update (10 May 2024), the Ministry of Health (MoH) reported 19 new suspected cases and no new deaths of cholera from four districts: Bujumbura Centre (1 case), Bujumbura Nord (2), Bujumbura Sud (1) and Isare (15). Cumulatively, 330 suspected cases and one death (CFR: 0.3%) of cholera have been reported from 13 of 45 health districts in Burundi this year. This is a protracted outbreak that started in January 2023.

Comoros: Since the last update (10 May 2024), the MoH reported 615 new confirmed cases and 11 new deaths (CFR: 1.8%) of cholera from three regions. This is a 45% decrease in the number of new cases reported compared to the last update. Cumulatively, 5,677 confirmed cases and 113 deaths (CFR: 2.0%) of cholera have been reported from Mwali, Ndzuwani and Ngazidja regions. Of the total cases, 82% were reported from the Ndzuwani region.

DRC: Since the last update (10 May 2024), the MoH reported 700 new suspected cases and seven new deaths (CFR: 1.0%) of cholera from six provinces. This is a 54% decrease in the number of new cases reported compared to the last update. Cumulatively, 15,790 cases (398 confirmed; 15,392 suspected) and 274 deaths (CFR: 1.7%) of cholera were reported from 12 of 26 provinces in DRC this year. This is a protracted outbreak that started in March 2022.

Ethiopia: Since the last update (10 May 2024), the Ethiopian Public Health Institute (EPHI) reported 789 new cases and 13 new deaths (CFR: 1.6%) of cholera from eight regions. This is a 52% decrease in the number of new cases compared to the last update. Cumulatively, 15,421 suspected cases and 127 deaths (CFR: 0.8%) of cholera have been reported from eight of twelve regions in Ethiopia this year. The outbreak is active in five regions. This is a protracted outbreak that started in August 2022.

Kenya: Since the last update (10 May 2024), the MoH reported nine new confirmed cases and no new deaths of cholera from one sub-county in Tana River county. This is an 80% decrease in the number of new cases compared to the last update. Cumulatively, 239 cases (237 confirmed; 2 suspected) and one death (CFR: 0.4%) of cholera have been reported from one of forty-seven counties in Kenya.

Mozambique: Since the last update (10 May 2024), the MoH reported 107 new confirmed cases and three new deaths (CFR: 2.8%) of cholera from eight provinces. This is a 19% decrease in the number of new cases compared to the last update. Cumulatively, 7,606 confirmed cases and 15 deaths (CFR: 0.2%) of cholera have been reported from eight of ten provinces in Mozambique this year. This is a protracted outbreak that started in October 2023.

Somalia: Since the last update (10 May 2024), the MoH reported 1,272 new cases (6 confirmed; 1,266 suspected) and 13 new deaths (CFR: 1.0%) of cholera from six states. This is an 83% increase in the number of new cases compared to the last update. Cumulatively, 10,647 cases (614 confirmed; 10,033 suspected) and 102 deaths (CFR: 0.9%) of cholera have been reported from six of seven states in Somalia this year. Of the total cases, 58% were children <5 years. This is a protracted outbreak that started in January 2022.

Tanzania: Since the last update (3 May 2024), the MoH reported 694 new suspected cases and 10 new deaths (CFR: 1.4%) of cholera from eight regions. Cumulatively, 3,197 suspected cases and 42 deaths (CFR: 1.3%) of cholera have been reported from 18 of 31 regions in Tanzania this year. This is a protracted outbreak that started in September 2023.

Uganda (initial report): On 14 May 2024, the MoH reported 19 new cases (6 confirmed; 13 probable) and two deaths (CFR: 11%) from Kyotera district, southwestern Uganda. The index case was a fisherman who developed acute watery diarrhea on 9 April 2024. Stool samples collected from the case tested positive for *V. Cholerae* O1Ogawa serotype by culture and polymerase chain reaction (PCR) at the Uganda National Health Laboratory Services. Cumulatively, 52 cases (24 confirmed; 13 probable; 15 suspected) and three deaths (CFR: 5.8%) have been reported from three of 146 districts. This is the second cholera outbreak reported in Uganda this year.

Zambia: Since the last update (10 May 2024), the Zambia National Public Health Institute reported 28 new suspected cases and one new death (CFR: 3.6%) of cholera from four provinces. This is a 48% decrease in the number of new cases compared to the last update. Cumulatively, 19,930 cases (1,432 confirmed; 18,498 suspected) and 612 deaths (CFR: 3.1%) of cholera have been reported from all the 10 provinces in Zambia this year. Of the total cases reported, 33% were children <15 years. This is a protracted outbreak that started in October 2023.

Zimbabwe: Since the last update (10 May 2024), the MoH reported 230 new suspected cases and five new deaths (CFR: 2.2%) of cholera from 13 districts. This is a 45% decrease in the number of new cases compared to the last update. Cumulatively, 18,849 cases (2,205 confirmed; 16,644 suspected) and 377 deaths (CFR: 2.0%) of cholera have been reported from 61 of 64 districts in Zimbabwe this year. This is a protracted outbreak that started in February 2023.

Note: In 2023, a total of 241,317 cases (93,475 confirmed; 147,842 suspected) and 3,827 deaths (CFR: 1.6%) of cholera were reported from 19 AU MS: Burundi (1,396 cases; 9 deaths), Cameroon (21,269; 508), Congo (724; 14), DRC (41,351; 352), Eswatini (2; 0), Ethiopia (29,869; 426), Kenya (8,937; 148), Malawi (43,015; 1,262), Mozambique (41,248; 164), Nigeria (3,863; 128), Somalia (18,304; 46), South Africa (1,074; 47), Sudan (9,000; 245), South Sudan (1471; 2), Tanzania (821; 18), Togo (1; 0), Uganda (78; 10), Zambia (3,757; 88) and Zimbabwe (15,137; 333).

Response by MS/partner/Africa CDC:

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

Mpox in Africa

366 confirmed human case(s), **6,217** suspected human case(s)
350 human deaths (**CFR: 5.32%**)

Agent/Pathogen	Mpox virus	First Reported	12-Jan-2024	Previous Report Update	10-May-2024	First Occurred	1-Jan-2024
Country	Multiple Countries	Location	6 MS	Source	Ministry of Health	GeoScope	HIGH
Human Risk Assessment	HIGH	Animal Risk Assessment	N/A				

Update to Event:

Since the beginning of this year, a total of 6,583 cases (366 confirmed; 6,217 suspected) and 350 deaths (CFR: 5.32%) of mpox have been reported from six AU MS: Cameroon (14 cases; 1 death), CAR (109; 0), Congo (87; 0), DRC (6,368; 349), Liberia (4; 0) and South Africa (1; 0). This week, 494 new cases and 14 new deaths of mpox were reported from CAR, Congo, DRC and South Africa.

CAR: Since the last update (12 April 2024), the MoH reported 16 cases (1 confirmed; 15 suspected) and no new deaths of mpox from four districts: Bambari (0 confirmed; 3 suspected), Carnot (0; 1), Kembe (0; 1) and Kouango-Grimari (1; 10). Cumulatively, 109 cases (21 confirmed; 88 suspected) and no deaths of mpox have been reported from 14 of 35 districts in CAR.

Congo: Since the last update (10 May 2024), the MoH reported nine new suspected cases and no new deaths of mpox from Cuvette province. This is a 50% decrease in the number of new cases compared to the last update. Cumulatively, 87 cases (19 confirmed; 68 suspected) and no deaths of mpox have been reported from five of twelve provinces in Congo. Of the confirmed cases, children <15 years and males accounted for 56% and 58% respectively.

DRC: Since the last report (10 May 2024), the MoH reported 468 new suspected cases and 14 new deaths (CFR: 3%) of mpox from 14 provinces. This is a two fold increase in the number of new cases compared to the last update. Cumulatively, 6,368 cases (319 confirmed; 6,049 suspected) and 349 deaths (CFR: 5.5%) of mpox have been reported from 23 of 26 provinces in DRC. Children <15 years accounted for 68% of the cases and 85% of deaths. Of the confirmed cases, 73% were males. The clade I mpox strain was isolated from all the confirmed cases.

South Africa (initial report): On 13 May 2024, the National Department of Health of South Africa reported one confirmed case and no death of mpox. The confirmed case was a 35-year-old male from Gauteng province. Samples collected tested positive for mpox at the National Institute for Communicable Diseases (NICD) of South Africa. Preliminary investigations indicated that the case had no history of travel to countries with ongoing mpox outbreaks. The mpox clade is yet to be identified, however, in 2022 an outbreak of mpox clade II involving five confirmed cases and no deaths was reported from three provinces: Gauteng (2 cases), Limpopo (1) and Western Cape (2) in South Africa.

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 affected countries continue to intensify surveillance, active case search, risk communication and community engagement activities in the affected districts.

Dengue fever in Africa

8,423 confirmed human case(s), **5,406** probable human case(s), **25,724** suspected human case(s)
58 human deaths (**CFR: 0.15%**)

Agent/Pathogen	Dengue virus	First Reported	12-Jan-2024	Previous Report Update	10-May-2024	First Occurred	1-Jan-2024
Country	Multiple Countries	Location	10 MS	Source	Ministry of Health	GeoScope	HIGH
Human Risk Assessment	HIGH	Animal Risk Assessment	N/A				

Update to Event:

Since the beginning of this year, a total of 39,553 cases (8,423 confirmed; 5,406 probable; 25,724 suspected) and 58 deaths (CFR: 0.15%) of dengue fever have been reported from 10 AU MS: Burkina Faso (23,689 cases; 42 deaths), Cameroon (1; 0), Chad (983; 0), Ethiopia (1,725; 2), Kenya (88; 0), Mali (3,466; 4), Mauritius (7,739; 8), Sao Tome and Principe (9; 0), Senegal (23; 0) and Sudan (1,830; 2). This week, 1,829 new cases and five new deaths of dengue fever were reported from three AU MS: Burkina Faso, Mali and Mauritius.

Burkina Faso: Since the last update (10 May 2024), the MoH reported 807 new cases (629 suspected; 178 probable) and two new deaths (CFR: 0.2%) of dengue fever from all 13 regions in Burkina Faso. This is a 17% increase in the number of new cases compared to the last update. Cumulatively, 23,689 cases (18,283 suspected; 5,406 probable) and 42 deaths (CFR: 0.2%) of dengue fever have been reported from the 13 regions of Burkina Faso this year. Two regions: Center (14,209; 17 deaths), and Haut Bassins (2,790; 9) accounted for 72% of all the cases and 53% of all deaths reported. This is a protracted outbreak that started in September 2023.

Mali: Since the last update (10 May 2024), the MoH reported 62 new cases (1 confirmed; 61 suspected) and no new deaths of dengue fever from two regions: Bamako (61 cases) and Koulikoro (1). This is a 5% decrease in the number of new cases reported compared to the last update. Cumulatively, 3,466 cases (604 confirmed; 2,862 suspected) and four deaths (CFR: 0.1%) of dengue fever have been reported from nine of the ten regions in Mali. The Bamako region is the epicentre of the epidemic and accounted for 36% of the reported cases. Two serotypes (VDEN- 1 and VDEN-3) were detected among confirmed cases. This is a protracted outbreak that started in August 2023.

Mauritius*: Since the last update (26 April 2024), the MoH reported 960 new confirmed cases and three new deaths of dengue fever from two islands. Cumulatively, 7,739 confirmed cases and eight deaths (CFR: 0.1%) of dengue fever have been reported from Mauritius (5,458 local cases; 10 imported cases; 8 deaths) and Rodrigues (2,264; 7; 0) islands in Mauritius.

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), Cote 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 of the affected MS continue to conduct enhanced surveillance, case management, vector control and risk communication activities in the affected areas.

Moderate Risk Events

Measles in Africa

9,712 confirmed human case(s), **120,970** suspected human case(s)
1,696 human deaths (CFR: **1.3%**)

Agent/Pathogen	Measles virus	First Reported	1-Jan-2024	Previous Report Update	10-May-2024	First Occurred	1-Jan-2024
Country	Multiple Countries	Location	24 MS	Source	Ministry of Health	GeoScope	HIGH
Human Risk Assessment	Moderate	Animal Risk Assessment	N/A				

Update to Event:

Since the beginning of this year, a total of 130,615 (9,712 confirmed; 120,970 suspected) and 1,696 deaths (CFR: 1.3%) of measles have been reported from 24 AU MS: Burkina Faso (9,543 cases; 45 deaths), Burundi (9,307; 108), Cameroon (1,078; 121), Central African Republic [CAR (1,608; 3)], Chad (4,553; 18), Congo (178; 2), DRC (49,355; 1,081), Ethiopia (21,343; 178), Gabon (137; 0), Kenya (1,079; 11), Liberia (830; 0), Malawi (303; 0), Mali (496; 0), Mauritania (2,256; 4), Morocco (5,528; 10), Nigeria (7,842; 33), Niger (2,226; 13) Senegal (252; 0), Sierra Leone (64; 1), Somalia (6,254; 17), South Sudan (2,271; 39), Togo (335; 1), Uganda (886; 11) and Zambia (2,955; 0). This week, 11,407 new cases and 155 new deaths of measles were reported from 12 AU MS: Burkina Faso, Burundi, CAR, DRC, Ethiopia, Mali, Morocco, Senegal, South Sudan, Somalia, and Uganda.

Burkina Faso: Since the last update (10 May 2024), the MoH reported 315 new suspected cases and two new deaths (CFR: 0.6%) of measles from three regions. This is a 3% decrease in the number of new cases reported compared to the last update. Cumulatively, 9,543 cases (362 confirmed; 9,181 suspected) and 45 deaths (CFR: 0.5%) of measles have been reported from all 13 regions in Burkina Faso. Of the total cases, males and children <5 years accounted for 51% and 66% respectively. Of the confirmed cases, 6% had been vaccinated against measles virus. In 2022, the national measles vaccination coverage among children <5 years in Burkina Faso was 96%.

Burundi: Since the last update (10 May 2024), the MoH reported 715 new suspected cases and four new deaths (CFR: 0.6%) of measles from 11 districts. This is an 18% decrease in the number of new cases reported compared to the last update. Cumulatively, 9,307 suspected cases and 108 deaths (CFR: 1.2%) of measles have been reported from 20 of 49 districts in Burundi. In 2023, the national measles vaccination coverage among children <2 years in Burundi was 81%.

CAR: Since the last update (10 May 2024), the MoH reported 74 new suspected cases and no deaths of measles from 18 of 35 health districts. Cumulatively, 1,608 cases (344 confirmed; 1,264 suspected) and three deaths (CFR: 0.2%) of measles have been reported from five of seven regions in CAR. This is a protracted outbreak that started in January 2020. In 2022, the national measles vaccination coverage among children <5 years in CAR was 95%.

DRC: Since the last update (10 May 2024), the MoH reported 6,408 new suspected cases and 88 deaths (CFR: 1.4%) of measles from 25 provinces. This is a 14% increase in the number of new cases compared to the last update. Cumulatively, 49,355 suspected cases and 1,081 deaths (CFR: 2.2%) of measles have been reported from all the 26 provinces across DRC. This is a protracted outbreak that started in January 2023. In 2022, the national measles vaccination coverage among children <1 year in DRC was 56%.

Ethiopia: Since the last update (10 May 2024), the EPHI reported 763 new suspected cases and 16 new deaths (CFR: 2.1%) of measles across 86 woredas. Cumulatively, 21,343 suspected cases and 178 deaths (CFR: 0.8%) of measles have been reported from 101 of 1,085 woredas in Ethiopia this year. Forty-three percent of the total cases were not vaccinated against measles. This is a protracted outbreak that started in August 2021. In 2022, the national measles vaccination coverage for children <1 year in Ethiopia was 56%.

Mali: Since the last update (22 April 2024), the MoH reported three new confirmed cases and no new deaths of measles from four districts. Cumulatively, 496 cases (274 confirmed; 222 suspected) and no deaths of measles have been reported from 21 of 75 districts in Mali this year. In 2022, the national measles vaccination coverage among children <5 years in Mali was 99%. This is a protracted outbreak that started in July 2023.

Morocco: Since the last update (10 May 2024), the MoH reported 429 new cases (151 confirmed; 278 suspected) and no new deaths of measles from the Souss Massa and Marrakesh Safi regions. This is a 2% decrease in the number of new cases compared to the last update. Cumulatively, 5,528 cases (1,836 confirmed; 3,692 suspected) and 10 deaths (CFR: 0.2%) of measles have been reported from Souss Massa

and Marrakesh Safi region 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%.

Senegal: Since the last update (10 May 2024), the MoH reported five new confirmed cases and no new deaths of measles from three districts. This is a 78% decrease in the number of new cases compared to the last update. Cumulatively, 252 confirmed cases and no deaths of measles have been reported from 37 of 45 districts in Senegal. Of the confirmed cases, 51% were males and 43% were children between five and fifteen years. Seventy-two percent of the confirmed cases were not vaccinated against measles virus. In 2022, the national measles vaccination coverage among children <5 years in Senegal was 66%.

Sierra Leone (*Initial report*): On 6 May 2024, the MoH declared an outbreak of measles in Koinadugu district. Cumulatively, 67 cases (13 confirmed; 54 suspected) and one death (CFR: 1.5%) have been reported from Koinadugu district. The confirmatory test was conducted at the national reference laboratory in Freetown. Of the total cases, males accounted for 57% and 87% were children <5 years. The last reported outbreak of measles in Sierra Leone was in 2022 during which 1,174 cases and no deaths of measles were reported from five districts. In 2023, the national measles vaccination coverage among children < 2 years in Sierra Leone was 97%.

Somalia: Since the last update (10 May 2024), the MoH reported 277 new cases (21 confirmed; 256 suspected) and one new death (CFR: 0.4%) of measles from six states. This is a 35% decrease in the number of new cases compared to the last update. Cumulatively, 6,254 cases (306 confirmed; 5,948 suspected) and 17 deaths (CFR: 0.3%) of measles have been reported from all the seven states in Somalia this year. Of the total cases reported, 68% were children <5 years. 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%.

South Sudan (*initial report*): Since the beginning of this year, the MoH reported 2,271 cases (146 confirmed; 2,125 suspected) and 39 deaths (CFR: 1.7%) of measles from all states in South Sudan. Of the total cases reported, children <5 years accounted for 76% and 79% of were not vaccinated against measles. This is a protracted outbreak that started in February 2022. In 2022, the national measles vaccination coverage among children <1 year in South Sudan was 72%.

Uganda: Since the last update (5 April 2024), the MoH reported 80 new cases (11 confirmed; 69 suspected) and four new deaths (CFR: 5.0%) of measles from two districts. Cumulatively, 886 cases (58 confirmed; 828 suspected) and 11 deaths (CFR: 1.2%) of measles have been reported from 12 of 146 districts in Uganda. In 2022, the national measles vaccination coverage among children <1 year in Uganda was 90%.

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.

Diphtheria in Africa

4,939 confirmed human case(s)
5,459 suspected human case(s)
136 human deaths (**CFR: 2.75%**)

Agent/Pathogen	Corynebacterium diphtheriae	First Reported	20-Jan-2023	Previous Report Update	3-May-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:

Since the beginning of this year, a total of 10,398 cases (4,939 confirmed; 5,459 suspected) and 136 deaths (CFR: 2.7%) of diphtheria have been reported from five AU MS: Chad (360 cases; 17 death), Gabon (6; 0), Guinea (2,199; 14), Niger (746; 29) and Nigeria (7,087; 76). This week, 805 new cases and no new deaths of diphtheria were reported from Nigeria.

Nigeria: Since the last update (3 May 2024), NCDC reported 805 new confirmed and no new deaths of diphtheria. Cumulatively, 7,087 cases (4,186 confirmed; 2,901 suspected) and 76 deaths (CFR: 1.0%) of diphtheria have been reported from 15 of 36 states and the federal capital territory this year. Of the total cases, females accounted for 60%. Twenty-five percent of the cases were fully vaccinated against diphtheria. This is a protracted outbreak that started in December 2022. In 2023, the national pentavalent (Penta3) 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 diphtheria technical working Group (TWG) continues to coordinate and monitor diphtheria surveillance and response activities in the country.

Polio virus (vaccine-derived) in Africa

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

Agent/Pathogen	Polio virus (vaccine-derived)	First Reported	23-Feb-2024	Previous Report Update	10-May-2024	First Occurred	1-Jan-2024
Country	Multiple Countries	Location	8 MS	Source	Ministry of Health	GeoScope	Moderate
Human Risk Assessment	Moderate	Animal Risk Assessment	N/A				

Update to Event:

Since the beginning of this year, one confirmed case and no deaths of circulating vaccine-derived poliovirus type 1 (cVDPV1) was reported from DRC and 28 confirmed cases and no deaths of circulating vaccine-derived poliovirus type 2 (cVDPV2) were reported from seven AU MS: Angola (1 case), Chad (2), Kenya (1), Nigeria (17), Somalia (2), South Sudan (4) and Zimbabwe (1). This week, two new confirmed cases of cVDPV2 were reported from Angola and Chad.

Angola (initial report): On 8 May 2024, the MoH reported one confirmed case of cVDPV2 from Luanda Norte. This is the first confirmed case of cVDPV2 reported in 2024. The last case of cVDPV2 was reported in 2022.

Chad: Since the last update, (19 April 2024), the MoH reported one confirmed case cVDPV2 from Kanem province. Cumulatively, two cases of cVDPV2 have been reported from two of 23 provinces: Mandoul and Kanem in Chad this year. The last outbreak of cVDPV2 in Chad was in 2023 with 55 cases from.

Nigeria: Since the last update (10 May 2024), the MoH reported five new confirmed cases of cVDPV2 from Bauchi (1), Kano (1) and Katsina (3) states. Cumulatively, 17 confirmed cases of cVDPV2 have been reported from six of the thirty-six states and the federal capital territory: Adamawa (1), Bauchi (1), Kaduna (1 case), Kano (3), Katsina (6), Kebbi (1) and Sokoto (4) states. In 2023, the national oral polio vaccination (OPV3) coverage among children <1 year in Nigeria was 84%.

Note: In 2023, a total of 133 confirmed cases of circulating vaccine-derived polio virus were reported from three AU MS: DRC (106 cases), Madagascar (24) and Mozambique (4) and 377 cases of cVDPV2 were reported from 19 AU MS: Benin (3), Burkina Faso (2), Burundi (3), CAR (14), Chad (55), Côte d'Ivoire (6), DRC (117), Guinea (46), 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 of the affected MS continue to strengthen acute flaccid paralysis surveillance and polio supplemental vaccination campaigns in the affected areas.

Bacterial Meningitis in Africa

630 confirmed human case(s), **3,792** suspected human case(s)
317 human deaths (**CFR: 7.17%**)

Agent/Pathogen	Meningitis (Bacterial)	First Reported	19-Jan-2024	Previous Report Update	10-May-2024	First Occurred	17-Jan-2024
Country	Multiple Countries	Location	4 MS	Source	Ministry of Health	GeoScope	Moderate
Human Risk Assessment	Moderate	Animal Risk Assessment	N/A				

Update to Event:

Since the beginning of this year, a total of 4,422 cases (630 confirmed; 3,792 suspected) and 317 deaths (CFR: 7.52%) of bacterial meningitis have been reported from four AU MS Central African Republic [CAR (266 cases; 24 deaths)], Mali (277; 0), Niger (577; 28) and Nigeria (3,302; 265). This week, 595 new cases and 29 new death of bacterial meningitis were reported from CAR, Mali and Niger.

CAR: Since the last update (10 May 2024), the MoH reported eight new suspected cases and one new death (CFR: 12.5%) of bacterial meningitis from six districts. This is a 76% decrease in the number of new cases compared to the last update. Cumulatively, 266 cases (12 confirmed; 254 suspected) and 24 deaths (CFR: 9%) of bacterial meningitis have been reported from 26 of 35 districts in CAR. The bacteria isolated from confirmed cases include; *Streptococcus pneumoniae*, and *Neisseria meningitidis* type W135. In 2023, the national meningitis vaccination coverage among children <5 years in CAR was 97%.

Mali: Since the last update (10 May 2024), the MoH reported 10 new cases (1 confirmed; 9 suspected) and no new deaths of bacterial meningitis from Kati health district. This is a 60% decrease in the number of new cases compared to the last update. Cumulatively, 277 cases (56 confirmed; 221 suspected) and no deaths of bacterial meningitis have been reported from 14 of 75 districts in Mali. The bacteria isolated from confirmed cases include: *Streptococcus pneumoniae* (isolated from 27 confirmed cases), *Haemophilus influenzae* (12), *Neisseria meningitidis* type C (7), *Neisseria meningitidis* type X (3) and *Neisseria meningitidis* type W135 (7). In 2023, the national meningitis vaccination coverage among children, <5 years in Mali was 94%.

Niger (Initial report): Since the beginning of the year, the MoH reported 577 cases (281 confirmed; 296 suspected) and 28 deaths (CFR: 4.9%) of bacterial meningitis from all the eight regions in Niger. The last reported case of bacterial meningitis in Niger was in 2023 with 2,185 cases and 129 deaths reported from 11 health districts in the Zinder region.

Response by MS/partner/Africa CDC:

CAR: The MoH with support from the partners is coordinating the response and has activated the public health emergency operations centre.

Mali: The MoH continues to conduct active case search, community engagement and sensitization of communities in the affected districts.

Rift Valley fever in Uganda

7 confirmed human case(s)

4 human deaths (CFR: 57.14%)

Agent/Pathogen	Rift Valley Fever virus	First Reported	24-Jan-2024	Previous Report Update	26-Jan-2024	First Occurred	7-Jan-2024
Country	Uganda	Location	1 district	Source	Ministry of Health	GeoScope	Moderate
Human Risk Assessment	Moderate	Animal Risk Assessment	Low				

Update to Event:

Since the last update, the MoH reported six new confirmed cases and three new deaths (CFR: 50%) of rift valley fever from five districts. Cumulatively, seven confirmed cases and four deaths (CFR: 57.14%) have been reported from six of 146 districts in Uganda; Gomba (1 case; 1 death), Mbarara (1; 1), Nakaseke (1; 1), Ntungamo (2; 1), Shema (1; 0) and Sembabule (1; 0). Majority (86%) of the cases were herdsmen who had contact with dead animals. The cause of death the for animals was unknown.

Response by MS/partner/Africa CDC:

The MoH deployed a rapid response team to conduct epidemiological investigations and to institute active surveillance in the affected areas. In addition, the MoH continues to conduct health education and community sensitization in the affected districts.

Environmental Event Updates

Moderate Risk Events

Floods in Africa

254,201 displaced persons
594 human deaths

Agent/Pathogen	Floods	First Reported	19-Jan-2024	Previous Report Update	10-May-2024	First Occurred	1-Jan-2024
Country	Multiple Countries	Location	10 MS	Source	Ministry of Environment	GeoScope	
Human Risk Assessment	Moderate	Animal Risk Assessment	N/A				Moderate

Update to Event:

Since the beginning of this year, 254,201 displaced persons and 594 deaths due to floods have been reported from 10 AU MS: Congo (0 displaced persons; 19 deaths), DRC (0; 221), Kenya (209,045; 277), Madagascar (9,528; 10), Mauritius (1,000; 2), Rwanda (0; 14), Somalia (23,772; 7), South Africa (0; 31), Tanzania (2,880; 0) and Uganda (7,976; 13). This week, 22,716 displaced persons and 80 deaths have been reported from Kenya and Uganda.

Kenya: Since the last update (10 May 2024), the MoH reported 14,740 new displaced persons and 67 new deaths due to floods from 41 counties across the country. Cumulatively, 209,045 displaced persons and 277 deaths have been reported from 41 of 47 counties in Kenya. In addition, 188 injuries and 75 missing persons due to floods have been reported. Access to 63 health facilities was obstructed due to road damage by flooding. Similarly, seven water boreholes have submerged in Isiolo county. The floods have led to the resurgence of cholera in Kenya, with 53 cases reported in Tana River county.

Uganda (Initial report): On 14 May 2024, the MoH reported a total of 7,976 displaced persons and 13 deaths due to heavy rainfall, floods and landslides from two districts: Kasese (4,976 displaced persons; 13 deaths) and Masaka (3,000; 0 deaths). The floods have been ongoing since 6 May 2024. The floods in Masaka districts are occurring in a fishing village on the shores of Lake Victoria. The affected area borders with Tanzania and Kenya, where cholera outbreaks are being reported, hence increasing the likelihood of cross-border transmission of cholera.

Response by MS/partner/Africa CDC:

Kenya: The MoH continues to distribute pharmaceutical and non-pharmaceutical supplies to the affected counties, reconstruction of damaged health facilities, providing psychosocial support, emergency care and referral services. In addition, the MoH continues to strengthen surveillance and prevention of vector-borne and water-borne diseases.

Uganda: The Kasese district local government (DLG) conducted a risk assessment to ascertain the impact of the floods in the affected sub-counties. In addition, the DLG provided psychosocial support to the displaced persons and continues to conduct further health assessments.

Footnotes

*Dengue cases reported from Mauritius is a batch report.

-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, 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.