

Africa CDC Epidemic Intelligence Report

Date of Issue: 1 Jun 2024

Active Events

142

New Events reported
in 2024

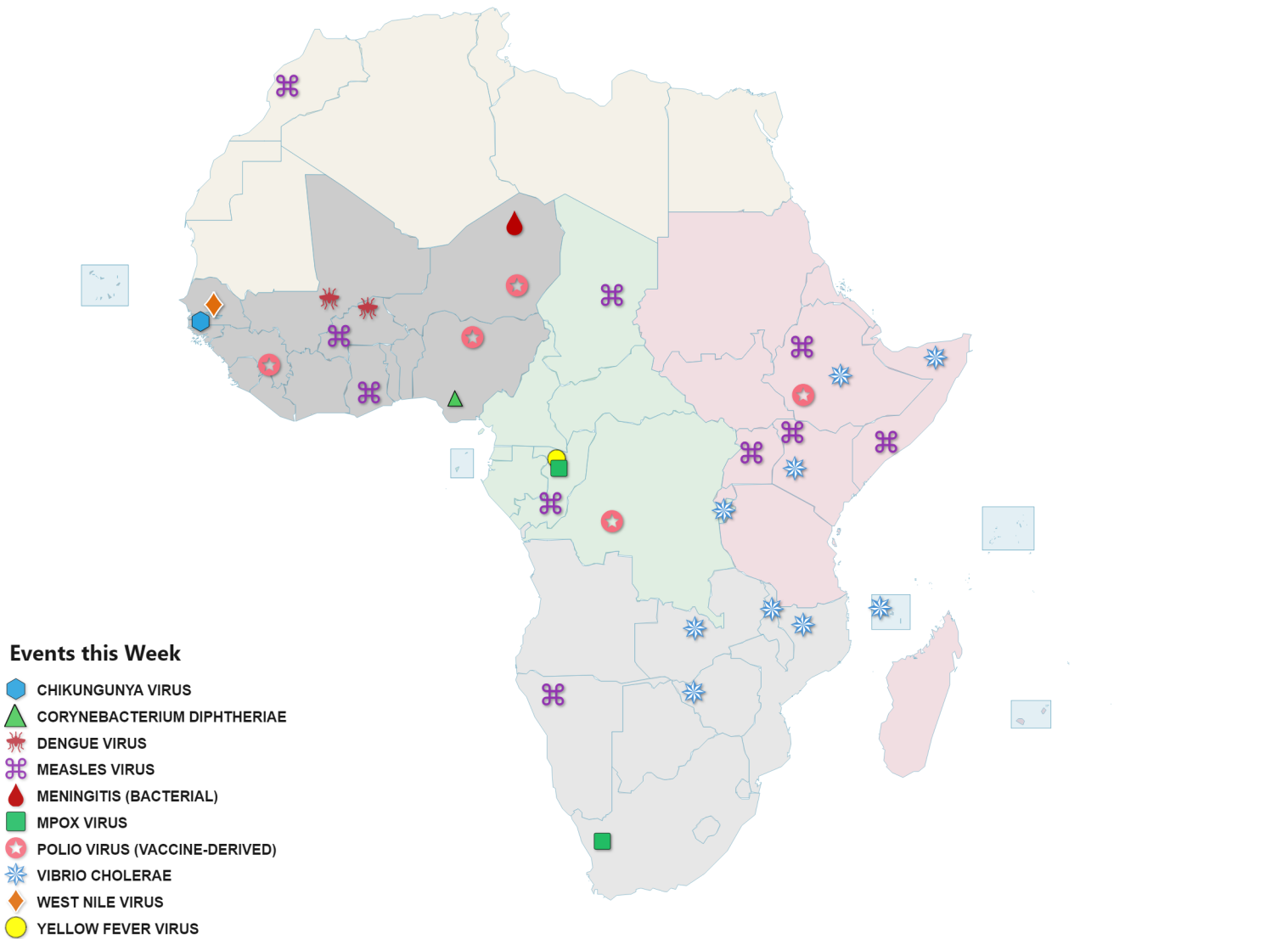
80

Events highlighted
this week

33

New events since
last issue

5






*  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	13 (1)	20 (4)
Animal	0	0	0
Environment	0	0	0

Event Summary

New events since last issue

Agent/Syndrome	Country	Risk:Human	Risk:Animal	Type	Suspected	Probable	Confirmed	Deaths
 Measles virus	Ghana	Mode...	N/A		754	0	644	0
	Namibia	High	N/A		32	0	4	0
 Polio virus (vaccine-derived)	Ethiopia	Mode...	N/A		0	0	7	0
	Guinea	Mode...	N/A		0	0	2	0
	Niger	Mode...	N/A		0	0	1	0

Events Highlighted this week

Agent/Syndrome	Country	Risk:Human	Risk:Animal	Type	Suspected (New)	Probable (New)	Confirmed (New)	Deaths (New)
 Chikungunya virus	Senegal	Mode...	N/A		0 (0)	0 (0)	7 (1)	0 (0)
 Corynebacterium diphtheriae	Nigeria	High	N/A		2,901 (0)	0 (0)	4,718 (532)	100 (24)
 Dengue virus	Burkina Faso	High	N/A		19,263 (980)	5,648 (242)	0 (0)	45 (3)
	Mali	Mode...	N/A		3,991 (0)	0 (0)	614 (1)	4 (0)
 Measles virus	Burkina Faso	Mode...	N/A		9,542 (170)	0 (0)	362 (0)	46 (1)
	Chad	Mode...	N/A		6,203 (207)	0 (0)	64 (0)	22 (1)
	Congo Republic	Mode...	N/A		214 (79)	0 (0)	35 (0)	3 (1)
	Ethiopia	Mode...	N/A		21,679 (336)	0 (0)	0 (0)	178 (0)
	Kenya	Mode...	N/A		1,171 (42)	0 (0)	195 (0)	11 (0)
	Morocco	Mode...	N/A		4,329 (237)	0 (0)	2,292 (246)	15 (3)
	Somalia	Mode...	N/A		6,454 (260)	0 (0)	339 (25)	21 (0)
	Uganda	Mode...	N/A		853 (25)	0 (0)	62 (4)	11 (0)
 Meningitis (Bacterial)	Niger	Mode...	N/A		1,705 (1,409)	0 (0)	1,076 (795)	202 (174)
 Mpox virus	Congo Republic	Mode...	N/A		90 (22)	0 (0)	19 (0)	0 (0)
	South Africa	High	N/A		0 (0)	0 (0)	2 (1)	0 (0)
 Polio virus (vaccine-derived)	Democratic Republic of the Congo	Mode...	N/A		0 (0)	0 (0)	6 (5)	0 (0)
	Nigeria	Mode...	N/A		0 (0)	0 (0)	27 (10)	0 (0)
 Vibrio cholerae	Burundi	High	N/A		448 (138)	0 (0)	0 (0)	0 (0)
	Comoros	High	N/A		0 (0)	0 (0)	7,335 (707)	121 (6)
	Ethiopia	High	N/A		16,339 (692)	0 (0)	0 (0)	126 (0)
	Kenya	High	N/A		2 (0)	0 (0)	251 (9)	1 (0)
	Malawi	High	N/A		0 (0)	0 (0)	278 (5)	5 (0)
	Mozambique	High	N/A		0 (0)	0 (0)	16,189 (114)	15 (3)
	Somalia	High	N/A		11,691 (926)	0 (0)	636 (8)	114 (8)
	Zambia	High	N/A		22,243 (0)	0 (0)	932 (12)	742 (0)
	Zimbabwe	High	N/A		30,356 (102)	1 (0)	3,936 (0)	715 (0)
 West Nile virus	Senegal	Mode...	N/A		0 (0)	0 (0)	3 (1)	0 (0)
 Yellow fever virus	Congo Republic	Mode...	N/A		196 (82)	4 (0)	8 (0)	0 (0)

Human Event Updates

High Risk Events

Cholera in Africa

20,374 confirmed human case(s), **13** probable human case(s), **86,848** suspected human case(s)
1,737 human deaths (**CFR: 1.62%**)

Agent/Pathogen	Vibrio cholerae	First Reported	1-Jan-2024	Previous Report Update	24-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 107,235* cases (20,374 confirmed; 13 probable; 86,848 suspected) and 1,737* deaths (CFR: 1.62%) of cholera have been reported from 16 African Union (AU) Member States (MS): Burundi (448 cases; 1 death), Cameroon (138; 27), Comoros (7,335; 121), Democratic Republic of Congo [DRC (16,554; 275)], Ethiopia (16,339; 126), Kenya (253; 1), Malawi (253; 3), Mozambique (7,828; 15), Nigeria (815; 14), Somalia (12,327; 114), South Africa (150; 1), Sudan (2,408; 0), Tanzania (3,197; 42), Uganda (52; 3), Zambia (19,956; 612) and Zimbabwe (19,182; 382). This week, 2,713 new cases and 14 new deaths of cholera were reported from nine AU MS: Burundi, Comoros, Ethiopia, Kenya, Malawi, Mozambique, Somalia, Zambia, and Zimbabwe.

Burundi: Since the last update (17 May 2024), the Ministry of Health (MoH) reported 138 new suspected cases and no new deaths of cholera from Bujumbura Centre, Bujumbura Nord, Bujumbura Sud, and Isare districts. Cumulatively, 448 suspected cases and one death (CFR: 0.2%) 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 (24 May 2024), the MoH reported 707 new confirmed cases and six new deaths (CFR: 0.8%) of cholera from Mwali, Ndzuwani, and Ngazidja regions. This is a 26% decrease in the number of new cases reported compared to the last update. Cumulatively, 7,335 confirmed cases and 121 deaths (CFR: 1.6%) of cholera have been reported from Mwali (500 cases; 6 deaths), Ndzuwani (6,265; 100), and Ngazidja (570; 15) regions.

Ethiopia: Since the last update (24 May 2024), the Ethiopian Public Health Institute (EPHI) reported 692 new cases and no new deaths of cholera from eight regions. This is a three-fold increase in the number of new cases compared to the last update. Cumulatively, 16,339 suspected cases and 126 deaths (CFR: 0.8%) of cholera have been reported from eight of twelve regions in Ethiopia this year. The outbreak is active in six regions. This is a protracted outbreak that started in August 2022.

Kenya: Since the last update (24 May 2024), the MoH reported nine new confirmed cases and no new deaths of cholera from two sub-counties in Tana River county. This is an 80% increase in the number of new cases compared to the last update. Cumulatively, 253 cases (251 confirmed; 2 suspected) and one death (CFR: 0.4%) of cholera have been reported from three of forty-seven counties in Kenya.

Malawi: Since the last update (24 May 2024), the MoH reported five new confirmed cases and no new deaths of cholera from two districts. Cumulatively, 253 confirmed cases and three deaths (CFR: 1.2%) of cholera have been reported from 15 of 29 districts in Malawi. This is a protracted outbreak that started in November 2023.

Mozambique: Since the last update (24 May 2024), the MoH reported 114 new confirmed cases and no new deaths of cholera from eight provinces. This is a 5% increase in the number of new cases compared to the last update. Cumulatively, 7,828 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 (24 May 2024), the MoH reported 934 new cases (8 confirmed; 926 suspected) and eight new deaths (CFR: 0.9%) of cholera from six states. This is a 25% increase in the number of new cases compared to the last update. Cumulatively, 12,327 cases (636 confirmed; 11,691 suspected) and 114 deaths (CFR: 1.0%) of cholera have been reported from six of seven states in Somalia this year. Of the total cases, 59% were children <5 years. This is a protracted outbreak that started in 2022.

Zambia: Since the last update (24 May 2024), the Zambia National Public Health Institute reported 12 new suspected cases and no new deaths of cholera from three districts. This is a 14% decrease in the number of new cases compared to the last update. Cumulatively, 19,956 cases (1,432 confirmed; 18,524 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 (24 May 2024), the MoH reported 102 new suspected cases and no new deaths of cholera from 13 districts. This is a 56% decrease in the number of new cases compared to the last update. Cumulatively, 19,182 cases (2,205 confirmed; 16,977 suspected) and 382 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.

Dengue fever in Africa

9,185 confirmed human case(s), 5,648 probable human case(s), 26,932 suspected human case(s)
59 human deaths (CFR: 0.14%)

Agent/Pathogen	Dengue virus	First Reported	12-Jan-2024	Previous Report Update	24-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 41,765 cases (9,185 confirmed; 5,648 probable; 26,932 suspected) and 59 deaths (CFR: 0.14%) of dengue fever have been reported from 10 AU MS: Burkina Faso (24,911 cases; 45 deaths), Cameroon (1; 0), Chad (983; 0), Ethiopia*** (824; 0), Kenya (88; 0), Mali (4,605; 4), Mauritius (8,491; 8), Sao Tome and Principe (9; 0), Senegal (23; 0), and Sudan (1,830; 2). This week,1,223 of dengue fever were reported from Burkina Faso and Mali.

Burkina Faso:** Since the last update (17 May 2024), the MoH reported 1,222 new cases (980 suspected, 242 probable), and three new deaths (CFR: 0.2%) of dengue fever from all 13 regions in Burkina Faso. Cumulatively, 24,911 cases (19,263 suspected; 5,648 probable) and 45 deaths (CFR: 0.2%) of dengue fever have been reported from all 13 regions in Burkina Faso this year. Two regions: Center (15,024; 18 deaths), and Haut Bassins (2,838; 9) accounted for 72% of all the cases and 60% of all deaths reported. This is a protracted outbreak that started in September 2023.

Mali: Since the last update (24 May 2024), the MoH reported one new confirmed case and no new deaths of dengue fever from Kayes region. This is a 99% decrease in the number of new cases reported compared to the last update. Cumulatively, 4,605 cases (614 confirmed; 3,991 suspected) and four deaths (CFR: 0.1%) of dengue fever have been reported from nine of the ten regions in Mali. The most affected region is Bamako, accounting for 27% of confirmed cases. Two serotypes (VDEN- 1 and VDEN-3) were detected among confirmed cases. This is a protracted outbreak that started in August 2023.

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

10,510 confirmed human case(s), **128,274** suspected human case(s)
1,717 human deaths (**CFR: 1.24%**)

Agent/Pathogen	Measles virus	First Reported	1-Jan-2024	Previous Report Update	24-May-2024	First Occurred	1-Jan-2024
Country	Multiple Countries	Location	26 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 138,784 (10,510 confirmed; 128,274 suspected) and 1,717 deaths (CFR: 1.24%) of measles have been reported from 26 AU MS: Burkina Faso (9,904 cases; 46 deaths), Burundi (10,784; 115), Cameroon (1,118; 121), Central African Republic [CAR (1,695; 3)], Chad (6,267; 22), Congo (249; 3), DRC (49,355; 1,081), Ethiopia (21,679; 178), Gabon (166; 0), Ghana (1,398; 0), Kenya (1,366; 11), Liberia (878; 0), Malawi (303; 0), Mali (499; 0), Mauritania (2,384; 4), Morocco (6,621; 15), Namibia (36; 0), Nigeria (7,842; 33), Niger (2,226; 13), Senegal (254; 0), Sierra Leone (67; 1), Somalia (6,793; 21), South Sudan (2,396; 39), Togo (335; 1), Uganda (915; 11), and Zambia (3,254; 0). This week, 3,065 new cases and six new deaths of measles were reported from 10 AU MS: Burkina Faso, Chad, Congo, Ethiopia, Ghana, Kenya, Morocco, Namibia, Somalia, and Uganda.

Burkina Faso: Since the last update (24 May 2024), the MoH reported 170 new suspected cases and one new death (CFR: 0.6%) of measles from all the 13 regions. This is an 11% decrease in the number of new cases reported compared to the last update. Cumulatively, 9,904 cases (362 confirmed; 9,542 suspected) and 46 deaths (CFR: 0.5%) of measles have been reported from all the 13 regions in Burkina Faso. The most affected regions were Central (34% of cases), Hauts Bassins (17%) and Eastern (13%) regions. Of the total cases, males and children <5 years accounted for 51% and 62% respectively. Of the confirmed cases, 94% were unvaccinated against measles virus. In 2022, the national measles vaccination coverage among children <5 years in Burkina Faso was 96%.

Chad: Since the last update (24 May 2024), the MoH reported 207 new suspected cases and one new death (CFR: 0.5%) of measles. This is a 61% decrease in the number of new cases compared to the last update. Cumulatively, 6,267 cases (64 confirmed; 6,203 suspected) and 22 deaths (CFR: 0.4%) of measles have been reported from 17 of 23 provinces in Chad this year. This is a protracted outbreak that started in January 2023. In 2022, the national measles vaccination coverage among children <1 year in Chad was 33%.

Congo: Since the last update (5 April 2024), the MoH reported 79 new suspected cases and one new death (CFR: 1.3%) of measles from five provinces. Cumulatively, 249 cases (35 confirmed; 214 suspected) and three deaths (CFR: 1.2%) of measles have been reported from six of twelve provinces in Congo this year. This is a protracted outbreak that started in April 2022.

Ethiopia: Since the last update (17 May 2024), the EPHI reported 336 new suspected cases and no new deaths of measles across 63 woredas reporting active outbreaks. Cumulatively, 21,679 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 unvaccinated against measles. This is a protracted outbreak that started in August 2021. In 2021, the national measles vaccination coverage for children <5 years in Ethiopia was 54%.

Ghana (initial report): Since the beginning of the year, the MoH reported 1,398 cases (644 confirmed; 754 suspected) and no deaths of measles from 30 health districts. The last reported case of measles in Ghana was in 2022, with 502 cases and no deaths reported from 11 districts. In 2022, the national measles vaccination coverage among children <1 year in Ghana was 95%.

Kenya: Since the last update (24 May 2024), the MoH reported 42 new suspected cases and no new deaths of measles from 10 counties actively reporting cases. This is an 83% decrease in the number of new cases compared to the last update. Cumulatively, 1,366 cases (195 confirmed; 1,171 suspected) and 11 deaths (CFR: 0.8%) of measles have been reported from 10 counties in Kenya.

Morocco: Since the last update (24 May 2024), the MoH reported 483 new cases (246 confirmed; 237 suspected) and three new deaths (CFR: 0.6%) of measles from the Souss Massa and Marrakesh Safi regions. This is a 21% decrease in the number of new cases compared to the last update. Cumulatively, 6,621 cases (2,292 confirmed; 4,329 suspected) and 15 deaths (CFR: 0.2%) of measles have been reported from two of the twelve 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%.

Namibia (initial report): On 13 May 2024, the MoH reported an outbreak of measles with 36 cases (4 confirmed; 32 suspected) and no deaths from Omaruru district in Erongo region. On 6 March 2024, the index cases presented at a local primary school with a skin rash. As of 22 May 2024, four samples tested positive for measles by immunoglobulin assay at the National Institute of Pathology. The last outbreak of measles occurred in 2014 with five cases and no deaths reported from Windhoek city. In 2023, the measles vaccination coverage among children <5 years was 55% in Omaruru district and 79% at national level.

Somalia: Since the last update (24 May 2024), the MoH reported 285 new cases (25 confirmed; 260 suspected) and no new deaths of measles from six states in Somalia. This is a 9% increase in the number of new cases compared to the last update. Cumulatively, 6,793 cases (339 confirmed; 6,454 suspected) and 21 deaths (CFR: 0.3%) of measles have been reported from all the seven states in Somalia this year. Of the total cases reported, 67% 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%.

Uganda: Since the last update (17 May 2024), the MoH reported 29 new cases (4 confirmed; 25 suspected) and no new deaths of measles from two districts. Sixty-nine percent of the new cases were unvaccinated against measles virus. Cumulatively, 915 cases (62 confirmed; 853 suspected) and 11 deaths (CFR: 1.2%) of measles have been reported from 14 of 146 districts in Uganda. In 2020, the national measles vaccination coverage among children <5 years in Uganda was 95%.

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

20 confirmed human case(s), **9** probable human case(s), **386** suspected human case(s)
6 human deaths (CFR: **1.45%**)

Agent/Pathogen	Yellow fever virus	First Reported	1-Jan-2024	Previous Report Update	24-May-2024	First Occurred	1-Jan-2024
Country	Multiple Countries	Location	6 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 415* cases (20 confirmed; 9 probable; 386 suspected) and six deaths (CFR: 1.45%) of yellow fever have been reported from six AU MS: CAR (37; 0), Cameroon (8; 0), Congo (208; 0), Gabon (46; 0), South Sudan (115; 6) and Uganda (1; 0). This week, 82 new cases and no new deaths of yellow fever were reported from Congo.

Congo: Since the last update (5 April 2024), the MoH reported 82 new suspected cases and no new deaths of yellow fever from eight provinces. Cumulatively, 208 cases (8 confirmed; 200 suspected) and no deaths have been reported from six of the twelve provinces in Congo this year.

Note: In 2023, a total of 2,951 cases (156 confirmed; 2,795 suspected) and 45 deaths (CFR: 1.3%) of yellow fever were reported from eight AU MS: Cameroon (59 cases; 6 deaths), CAR (349; 6), Congo (389; 2), Gabon (128; 0), Guinea (178; 4), Nigeria (1,819; 21), South Sudan (17; 0) and Uganda (12; 0).

Response by MS/partner/Africa CDC:

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

Mpox in Africa

932 confirmed human case(s), 6,588 suspected human case(s)
375 human deaths (CFR: 4.99%)

Agent/Pathogen	Mpox virus	First Reported	12-Jan-2024	Previous Report Update	24-May-2024	First Occurred	1-Jan-2024
Country	Multiple Countries	Location	6 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 7,520 cases (932 confirmed; 6,588 suspected) and 375 deaths (CFR: 4.99%) of mpox have been reported from six AU MS: Cameroon (14 cases; 1 death), CAR (110; 0), Congo (109; 0), DRC (7,281; 374), Liberia (4; 0), and South Africa (2; 0). This week, 23 new cases and no new deaths of mpox were reported from Congo and South Africa.

Congo: Since the last update (17 May 2024), the MoH reported 22 new suspected cases and no new deaths of mpox from five provinces. Cumulatively, 109 cases (19 confirmed; 90 suspected) and no deaths have been reported from five of twelve provinces in Congo. Of the confirmed cases, children <15 years accounted for 56% and male accounted for 58%.

South Africa: Since the last update (17 May 2024), the National Department of Health (NDoH) reported one new confirmed case and no new deaths of mpox from KwaZulu Natal province. The new confirmed case was a 39-year-old male with no history of travel to areas with ongoing mpox outbreaks. Cumulatively, two confirmed cases and no deaths of mpox have been reported from two of nine provinces in South Africa: Gauteng and KwaZulu Natal. The mpox Clade has not been reported yet.

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:

Congo: The MoH continues to intensify surveillance, active case search, risk communication, and community engagement activities in the affected regions.

South Africa: The NDoH, in collaboration with the National Institute for Communicable Diseases and the KwaZulu Natal provincial health authorities, is conducting further investigations and is actively involved in the response with focus on case management, community sensitization, and contact tracing.

Diphtheria in Africa

5,474 confirmed human case(s)
5,743 suspected human case(s)
162 human deaths (**CFR: 2.96%**)

Agent/Pathogen	Corynebacterium diphtheriae	First Reported	20-Jan-2023	Previous Report Update	24-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 11,217 cases (5,474 confirmed; 5,743 suspected) and 162 deaths (CFR: 2.96 %) of diphtheria have been reported from five AU MS: Chad (384 cases; 17 death), Gabon (6; 0), Guinea (2,462; 16), Niger (746; 29) and Nigeria (7,619; 100). This week, 532 new cases and 24 new deaths of diphtheria were reported from Nigeria.

Nigeria: Since the last update (17 May 2024), the Nigeria Centres for Disease Control (NCDC) reported 532 new confirmed cases and 24 new deaths (CFR: 4.6%) of diphtheria from two states. Cumulatively, 7,619 cases (4,718 confirmed; 2,901 suspected) and 100 deaths (CFR: 3.4%) 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 Penta3 vaccination coverage among children <1 year in Nigeria was 84%.

Response by MS/partner/Africa CDC:

Nigeria: The diphtheria technical working group continues to coordinate and monitor diphtheria surveillance and response activities.

West Nile virus in Senegal

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

Agent/Pathogen	West Nile virus	First Reported	22-Feb-2024	Previous Report Update	15-Mar-2024	First Occurred	23-Jan-2024
Country	Senegal	Location	2 regions	Source	Ministry of Health	GeoScope	LOW
Human Risk Assessment	MODERATE	Animal Risk Assessment	N/A				

Update to Event:

Since the last update, the MoH reported one new confirmed case and no new deaths of West Nile fever (WNF) from Fatick region. Cumulatively, three confirmed cases and no deaths of WNF have been reported from two regions in Senegal: Fatick (1) and Matam (2).

Response by MS/partner/Africa CDC:

The MoH continues to conduct enhanced surveillance and risk communication in the affected communities.

Chikungunya in Senegal

7 confirmed human case(s)
0 human deaths (CFR: 0%)

Agent/Pathogen	Chikungunya virus	First Reported	28-Feb-2024	Previous Report Update	22-Mar-2024	First Occurred	29-Jan-2024
Country	Senegal	Location	4 regions	Source	Ministry of Health	GeoScope	LOW
Human Risk Assessment	MODERATE	Animal Risk Assessment	N/A				

Update to Event:

Since the last update, the MoH reported one new confirmed case and no new deaths of Chikungunya from Matam region. Cumulatively, seven confirmed cases and no deaths of chikungunya have been reported from four of the fifteen regions in Senegal: Dakar (1), Matam (2), Kolda (2) and Tambacounda (2). Of the confirmed cases, persons 15 - 35 years of age and females accounted for 71% and 72% respectively.

Response by MS/partner/Africa CDC:

The MoH continues to conduct vector control activities, community engagement and sensitization in the affected regions.

Polio virus (vaccine-derived) in Africa

54 confirmed human case(s)
0 human deaths (CFR: 0%)

Agent/Pathogen	Polio virus (vaccine-derived)	First Reported	23-Feb-2024	Previous Report Update	17-May-2024	First Occurred	1-Jan-2024
Country	Multiple Countries	Location	11 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, three confirmed case and no deaths of circulating vaccine-derived poliovirus type 1 (cVDPV1) was reported from DRC and 51 confirmed cases and no deaths of circulating vaccine-derived poliovirus type 2 (cVDPV2) were reported from nine AU MS: Angola (1 case), Chad (2), DRC (3), Ethiopia (7), Guinea (2), Kenya (1), Niger (1), Nigeria (27), Somalia (2), South Sudan (4), and Zimbabwe (1). This week, 25 new confirmed cases of cVDPV2 were reported from DRC, Ethiopia, Guinea, Niger and Nigeria.

DRC: Since the last update (19 April 2024), the MoH reported two new confirmed cases and no deaths of cVDPV1 from Tanganyika province and three new confirmed cases and no deaths of cVDPV2 from Mongala (1) and Maindombe (2) provinces. Cumulatively, six confirmed cases of cVDPV1 (3 cases) and cVDPV2 (3) have been reported from four of the twenty-six provinces. The last outbreak of cVDPV1 and cVDPV2 in DRC was in 2023 with 106 and 117 cases respectively. In 2023, the national oral polio vaccination (OPV3) coverage among children <1 year in DRC was 92.6%.

Ethiopia (initial report): On 22 May 2024, the EPHI reported seven confirmed cases and no deaths of cVDPV2 from Gambella (4 cases), Amhara (2), and Afar (1) regions. All cases were reported among children <5 years. Of the total cases, five were unvaccinated against polio virus, while the vaccination status of two cases was unknown. These are the first cases reported in 2024. In 2022, the national oral polio vaccination (OPV3) coverage among children <1 year in Ethiopia was 88%.

Guinea (initial report): On 22 May 2024, the MoH reported two confirmed cases and no deaths of cVDPV2 from Boke region. In 2023, 47 confirmed cases and no deaths of cVDPV2 were reported from four regions in Guinea. In 2022, the national oral polio vaccination (OPV3) coverage among children <1 year in Guinea was 48%

Niger (initial report): On 29 May 2024, the MoH reported one confirmed case and no deaths of cVDPV2 from Zinder region. This is the first reported case of cVDPV2 from Niger in 2024. The last reported cases of cVDPV2 from Niger was in 2023, with three confirmed cases and no deaths of cVDPV2 were reported from three regions. In 2022, the national oral polio vaccination (OPV3) coverage among children <1 year in Niger was 84%.

Nigeria: Since the last update (17 May 2024), the MoH reported 10 new confirmed cases and no deaths of cVDPV2 from Bauchi (1 confirmed case), Jigawa (1), Kano (3), Katsina (2), Kwara (2) and Sokoto (1) states. Cumulatively, 27 confirmed cases of cVDPV2 have been reported from nine of the thirty-six states and the federal capital territory: Adamawa (1 confirmed case), Bauchi (2), Jigawa (1), Kaduna (1), Kano (6), Katsina (8), Kwara (2), Kebbi (1) and Sokoto (5) 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 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; 0), 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 of the affected MS continue to strengthen acute flaccid paralysis surveillance and polio supplemental vaccination campaigns in the affected areas.

Bacterial Meningitis in Africa

1,426 confirmed human case(s), **5,252** suspected human case(s)
492 human deaths (**CFR: 7.37%**)

Agent/Pathogen	Meningitis (Bacterial)	First Reported	19-Jan-2024	Previous Report Update	24-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 6,678 cases (1,426 confirmed; 5,252 suspected) and 492 deaths (CFR: 7.37%) of bacterial meningitis have been reported from four AU MS: Central African Republic [CAR (296 cases; 25 deaths)], Mali (299; 0), Niger (2,781; 202) and Nigeria (3,302; 265). This week, 2,204 new cases and 174 new deaths of bacterial meningitis were reported from Niger.

Niger:** Since the last update (17 May 2024), the MoH reported 2,204 new cases (795 confirmed; 1,409 suspected) and 174 new deaths (CFR: 7.9%) of bacterial meningitis from 37 health districts in all the eight regions. Cumulatively, 2,781 cases (1,076 confirmed; 1,705 suspected) and 202 deaths (CFR: 7.3%) of bacterial meningitis have been reported from 63 of 72 health districts in all the eight regions in Niger. Of the total cases, Niamey region accounted for 35% and the most affected age-group was children 5-14 years, which accounted for 31%. Additionally, 27.45% of cases were unvaccinated and 61.34% had unknown vaccination status. The most predominant bacteria isolated from the confirmed cases were *Neisseria meningitidis* type C (50%) and *Neisseria meningitidis* type W135 (36%). In 2022, the national meningitis vaccination coverage among children <1 year in Niger was 84%.

Response by MS/partner/Africa CDC:

Niger: The MoH continues to conduct active case search at the community level and plans to conduct a second round of vaccination exercise in hard to reach districts using the new WHO recommended meningitis vaccine, Men5CV.

*Africa CDC inadvertently miscalculated the total number of cholera, measles, and yellow fever cases in last week's report (24 May 2024), the correct figures are reported this week.

**Dengue fever in Burkina Faso, Bacterial meningitis in Niger and Diphtheria in Nigeria were batch reporting for the past two weeks.

***Dengue fever cases and deaths in Ethiopia revised following data verification.

****In this weekly report, we have reported one case of cVDPV2 from Ethiopia that was inadvertently missed in 2023

-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.