

# Africa CDC Epidemic Intelligence Report

Date of Issue: 25 Aug 2024

Active Events

172

New Events reported  
in 2024

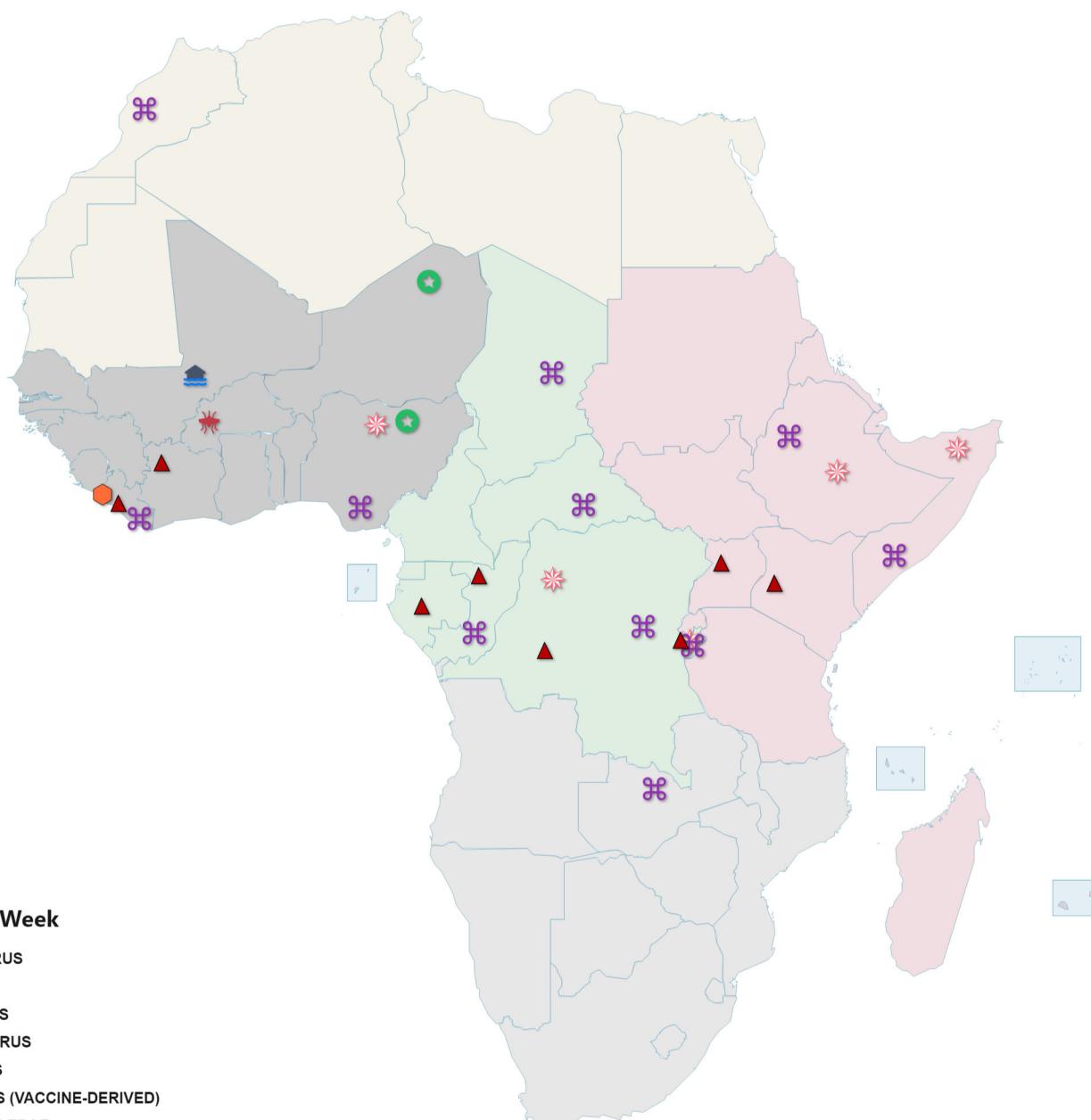
111

Events highlighted  
this week

29

New events since  
last issue

1



Risk Level

Event Type	Very High (New)	High (New)	Moderate (New)
Human	0	4	24 (1)
Animal	0	0	0
Environment	0	0	1

# Event Summary

## New events since last issue

Agent/Syndrome	Country	Risk:Human	Risk:Animal	Type	Suspected	Probable	Confirmed	Deaths
▲ Mpox virus	Gabon	Moderate	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)
🐞 Dengue virus	Burkina Faso	Moderate	N/A	👤	29,216 (1,693)	8,188 (483)	0 (0)	54 (3)
⽔ Floods	Mali	Moderate	N/A	⽔				
🦠 Lassa virus	Liberia	High	N/A	👤	31 (0)	0 (0)	21 (6)	5 (1)
☒ Measles virus	Burundi	Moderate	N/A	👤	14,394 (98)	0 (0)	0 (0)	148 (0)
	Central African Republic	Moderate	N/A	👤	2,251 (3)	0 (0)	619 (0)	3 (0)
	Chad	Moderate	N/A	👤	7,344 (63)	0 (0)	941 (0)	27 (0)
	Congo Republic	Moderate	N/A	👤	367 (20)	0 (0)	64 (0)	4 (0)
	Democratic Republic of the Congo	High	N/A	👤	71,147 (2,023)	0 (0)	0 (0)	1,830 (115)
	Ethiopia	Moderate	N/A	👤	27,176 (400)	0 (0)	0 (0)	208 (1)
	Liberia	Moderate	N/A	👤	1,081 (0)	0 (0)	974 (824)	0 (0)
	Morocco	Moderate	N/A	👤	6,838 (244)	0 (0)	3,825 (215)	45 (3)
	Nigeria	Moderate	N/A	👤	5,225 (1,426)	0 (0)	5,645 (1,602)	39 (6)
	Somalia	Moderate	N/A	👤	8,768 (162)	0 (0)	534 (10)	32 (1)
	Zambia	Moderate	N/A	👤	4,088 (337)	0 (0)	201 (19)	0 (0)
▲ Mpox virus	Burundi	Moderate	N/A	👤	512 (213)	0 (0)	190 (90)	0 (0)
	Congo Republic	Moderate	N/A	👤	141 (0)	0 (0)	21 (2)	0 (0)
	Côte d'Ivoire	Moderate	N/A	👤	0 (0)	0 (0)	28 (26)	1 (1)
	Democratic Republic of the Congo	High	N/A	👤	16,706 (582)	0 (0)	2,961 (90)	575 (22)
	Kenya	Moderate	N/A	👤	0 (0)	0 (0)	2 (1)	0 (0)
	Liberia	Moderate	N/A	👤	0 (0)	0 (0)	6 (1)	0 (0)
	Uganda	Moderate	N/A	👤	0 (0)	0 (0)	3 (1)	0 (0)
★ Polio virus (vaccine-derived)	Niger	Moderate	N/A	👤	0 (0)	0 (0)	7 (4)	0 (0)
	Nigeria	Moderate	N/A	👤	0 (0)	0 (0)	39 (1)	0 (0)
✿ Vibrio cholerae	Burundi	Moderate	N/A	👤	678 (2)	0 (0)	0 (0)	3 (0)
	Democratic Republic of the Congo	High	N/A	👤	21,956 (336)	0 (0)	569 (0)	520 (13)
	Ethiopia	Moderate	N/A	👤	22,633 (516)	0 (0)	0 (0)	202 (7)
	Nigeria	Moderate	N/A	👤	5,951 (3,142)	0 (0)	0 (0)	176 (94)
	Somalia	Moderate	N/A	👤	17,215 (313)	0 (0)	675 (0)	138 (0)

# Human Event Updates

## High Risk Events

### Mpox in Africa

**3,331** confirmed human case(s), **17,389** suspected human case(s)  
**582** human deaths (**CFR: 2.81%**)

Agent/Pathogen	<b>Mpox virus</b>	First Reported	<b>12-Jan-2024</b>	Previous Report Update	<b>16-Aug-2024</b>	First Occurred	<b>1-Jan-2024</b>
Country	<b>Multiple Countries</b>	Location	<b>13 MS</b>	Source	<b>Ministry of Health</b>	GeoScope	<b>VERY HIGH</b>
Human Risk Assessment	<b>HIGH</b>	Animal Risk Assessment	<b>N/A</b>				

## Update to Event:

Since the beginning of this year, a total of 20,720 cases (3,331 confirmed; 17,389 suspected) and 582 deaths [case fatality rate (CFR): 2.81%] of mpox have been reported from 13 Africa Union (AU) Member States (MS): Burundi (702 cases; 0 death), Cameroon (35; 2), Central Africa Republic (CAR) (45; 0)\*, Congo (162; 0), Côte d'Ivoire (28; 1), Democratic Republic of Congo (DRC) (19,667; 575), Gabon (1; 0), Liberia (6; 0), Kenya (1; 0), Nigeria (39; 0), Rwanda (4; 0), South Africa (24; 3) and Uganda (3; 0). This week, 1,007 new cases and 23 new deaths of mpox were reported from eight AU MS: Burundi, Congo, Côte d'Ivoire, DRC, Gabon, Liberia, Kenya and Uganda.

**Burundi:** Since the last update (16 August 2024), the Ministry of Health (MoH) reported 303 new cases (90 confirmed; 213 suspected) and no deaths of mpox from 12 health districts in Burundi. This is a 75% increase in the number of new cases reported compared to the last update. Cumulatively, 702 cases (190 confirmed; 512 suspected) and no deaths of mpox have been reported from 26 of 49 health districts in Burundi. Children <10 years accounted for 38.9% of the cases. Of the confirmed cases, 56.3% were males. A total of 513 tests were carried out, 190 of which were positive for Mpox, giving a positivity rate of 37.0%. The clade Ib mpox strain was isolated from confirmed cases.

**Congo\*\*\*:** Since the last update (9 August 2024), the MoH reported two new confirmed cases and no death of mpox from Brazaville. Cumulatively, 162 cases (21 confirmed; 141 suspected) and no death have been reported from five of twelve departments in Congo. Of the total cases, children >15 years accounted for 61.90% and males accounted for 57.14%.

**Côte d'Ivoire:** Since the last update (2 August 2024), the MoH reported 26 new confirmed cases and one new death( CFR: 3.8%) of mpox from 14 districts. Cumulatively, 28 confirmed and one death (CFR: 3.6%) of mpox have been reported from six of seven health regions in Côte d'Ivoire. Of the total confirmed cases, children <15 accounted for 25% and 71% were males. The clade II mpox strain was isolated from confirmed cases.

**DRC:** Since the last update (16 August 2024), the MoH reported 672 new cases (90 confirmed; 582 suspected) and 22 deaths (CFR: 3.3%) of mpox from 16 provinces. This is a 42% decrease in the number of new cases reported compared to the last update. Cumulatively, 19,667 cases (2,961 confirmed; 16,706 suspected) and 575 deaths (CFR: 2.9%) of mpox have been reported from all 26 provinces in DRC. Children <15 years accounted for 66% of cases and 82% of deaths. Of the confirmed cases, 73% were males. The clade I mpox strain was isolated from the confirmed cases.

**Gabon (Initial report):** On August 22, 2024, the Gabon MoH declared an outbreak of mpox in the country. The case is a 30-year-old Gabonese citizen with recent travel to Uganda. A few days after he arrived in Gabon, the patient developed fever and fatigue, followed by a generalized skin rash. He sought medical attention on August 21 and was subsequently placed in isolation where he is receiving care. The patient's overall condition is stable. The specific clade of mpox virus has not yet been determined.

**Kenya:** Since the last update (2 August 2024), the MoH reported one new confirmed case and no death of mpox from Busia district. The new case is a male long distance truck driver who presented at the port health screening desk at Malaba One Stop Border Post with symptoms consistent with mpox. He reported a history of travel to DRC. Cumulatively, two confirmed cases and no deaths of mpox have been reported from two of forty-seven counties in Kenya. Both confirmed cases are persons >15 years. Further laboratory investigations are ongoing to identify the clade.

**Liberia:** Since the last update (7 June 2024), the MoH reported one new confirmed case and no deaths of mpox from Nimba county. Cumulatively, six confirmed cases and no deaths of mpox have been reported from three counties in Liberia this year: Grand Kru (1), Nimba (4) and Sinoe (1). Of the confirmed cases, males accounted for 50%, and 67% were persons aged 15 years and above.

**Uganda:** Since the last update (2 August 2024), the MoH reported one new confirmed case and no death of mpox from Kampala district. The new case is a 32-year-old male who presented at Case Hospital with fever, rash, swollen lymph nodes and sore throat. Oropharyngeal swabs and skin lesion samples tested positive for mpox at the Uganda Virus Research Institute. This is a 50% decrease in the number of new cases reported compared to the last update. Cumulatively, three confirmed cases and no deaths of mpox have been reported from two of 146 districts in Uganda. All the confirmed cases are persons >15 years. Further laboratory investigations are ongoing to identify the clade.

**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 Africa CDC in collaboration with Bavarian Nordic is strategizing to enhance vaccine manufacturing capabilities within Africa. Additionally, this partnership is set to play a crucial role in ensuring that up to 2 million doses are available this year and has pledged to deliver 10 million Mpox vaccine doses by 2025.

The Africa CDC in collaboration with the World Health Organization developed an interim guidance document on mpox diagnostic which was released by the World Health Organization on May 10, 2024.

On August 19, 2024, the Africa CDC, in partnership with the National Institute of Biomedical Research (INRB), launched a hands-on training on molecular testing, sequencing, and reporting of mpox cases.

## Lassa fever in Africa

**982** confirmed human case(s)  
**7,573** suspected human case(s)  
**170** human deaths (**CFR: 17.31%**)

Agent/Pathogen	Lassa virus	First Reported	1-Jan-2024	Previous Report Update	16-Aug-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:

Since the beginning of this year, 8,555 cases (982 confirmed; 7,573 suspected) and 170 deaths (CFR: 17.31%) of Lassa fever have been reported from three AU MS: Guinea (27 cases; 2 deaths), Liberia (52; 5), and Nigeria (8,476; 163). This week, six new cases and one new death of Lassa fever were reported from Liberia.

**Liberia\*\*:** Since the last update (12 July 2024), the National Public Health Institute of Liberia (NPHIL) reported six new confirmed cases and one new death (CFR: 16.7%) of Lassa fever from three counties. This is a two-fold increase in the number of new cases compared to the last update. Cumulatively, 52 cases (21 confirmed; 31 suspected) and five deaths (CFR: 24%) of Lassa fever have been reported from fourteen of the fifteen counties this year.

## Response by MS/partner/Africa CDC:

**Liberia:** The NPHIL in collaboration with partners are conducted active case search, contact tracing, case management and safe and dignified burial for Lassa fever cases in the affected communities.

# Human Event Updates

## Moderate Risk Events

### Cholera in Africa

**24,262** confirmed human case(s), **13** probable human case(s), **110,774** suspected human case(s)  
**2,076** human deaths (**CFR: 1.54%**)

Agent/Pathogen	<b>Vibrio cholerae</b>	First Reported	<b>1-Jan-2024</b>	Previous Report Update	<b>16-Aug-2024</b>	First Occurred	<b>1-Jan-2024</b>
Country	<b>Multiple Countries</b>	Location	<b>17 MS</b>	Source	<b>Ministry of Health</b>	GeoScope	<b>HIGH</b>
Human Risk Assessment	<b>Moderate</b>	Animal Risk Assessment	<b>N/A</b>				

#### Update to Event:

Since the beginning of this year, a total of 135,049 cases (24,262 confirmed; 13 probable; 110,774 suspected) and 2,076 deaths (CFR: 1.54%) of cholera have been reported from 17 AU MS: Burundi (678 cases; 3 death), Cameroon (439; 0), Comoros (10,342; 149), Democratic Republic of Congo [DRC] (22,525; 320), Ethiopia (22,633; 202), Kenya (300; 3), Malawi (261; 3), Mozambique (8,183; 17), Nigeria (5,951; 176), Somalia (17,890; 138), South Africa (150; 1), Sudan (2,450; 0), Tanzania (3,719; 63), Togo (1; 0), Uganda (52; 3), Zambia (20,063; 612), and Zimbabwe (19,412; 386). This week, 4,309 new cases and 114 new deaths of cholera were reported from five AU MS: Burundi, DRC, Ethiopia, Nigeria and Somalia.

**Burundi:** Since the last update (16 August 2024), the MoH reported two new suspected cases and no new deaths of cholera from five regions in Burundi. This is a 71% decrease in the number of new cases reported compared to the last update. Cumulatively, 678 suspected cases and three deaths (CFR: 0.4%) of cholera have been reported from eight of eighteen regions in Burundi this year. This is a protracted outbreak that started in January 2023.

**DRC\*\*:** Since the last update (9 August 2024), the MoH reported 336 new suspected cases and 13 new deaths (CFR: 3.9%) of cholera from eight provinces. This is a 6% decrease in the number of new cases reported compared to the last update. Cumulatively, 22,525 cases (569 confirmed; 21,956 suspected) and 320 deaths (CFR: 1.4%) of cholera have been reported from 15 of 26 provinces in DRC this year. This is a protracted outbreak that started in March 2022.

**Ethiopia\*\*:** Since the last update (9 August 2024), the Ethiopian Public Health Institute (EPHI) reported 516 new suspected cases and seven new deaths (CFR: 1.4%) of cholera from six regions. This is a 10% decrease in the number of new cases compared to the last update. Cumulatively, 22,633 suspected cases and 202 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.

**Nigeria\*\*:** Since the last update (19 July 2024), the Nigeria Center for Disease Control (NCDC) reported 3,142 new suspected cases and 94 new deaths (CFR: 3%) of cholera from nine states. This is a two-fold increase in the number of new cases compared to the last update. Cumulatively, 5,951 suspected cases and 176 deaths (CFR: 2.9%) of cholera have been reported from 36 states and the federal capital territory. Additionally, Lagos state accounted for 63% of all reported cholera cases in the country. This is a protracted outbreak that started in April 2021.

**Somalia:** Since the last update (16 August 2024), the MoH reported 313 new suspected cases and no new deaths from six states. This is a 5% decrease in the number of new cases reported compared to the last update. Of the new reported cases, 56% were children <5 years. Cumulatively, 17,890 cases (675 confirmed; 17,215 suspected) and 138 deaths (CFR: 0.8%) of cholera have been reported from all seven states in Somalia this year. This is a protracted outbreak that started in January 2022.

**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 and case management, as well as implement water, hygiene, and sanitation interventions in the affected areas.

## Measles in Africa

**18,171** confirmed human case(s), **179,517** suspected human case(s)  
**2,677** human deaths (**CFR: 1.35%**)

Agent/Pathogen	Measles virus	First Reported	1-Jan-2024	Previous Report Update	16-Aug-2024	First Occurred	1-Jan-2024
Country	Multiple Countries	Location	27 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 197,688 cases (18,171 confirmed; 179,517 suspected) and 2,677 deaths (CFR: 1.35%) of measles have been reported from 27 AU MS: Burkina Faso (10,639 cases; 46 deaths), Burundi (14,394; 148), Cameroon (1,921; 38), Central African Republic [CAR (2,870; 3)], Côte d'Ivoire (7,856; 169), Chad (8,285; 27), Congo (431; 4), DRC (71,147; 1,830), Ethiopia (27,176; 208), Gabon (208; 1), Ghana (1,398; 0), Kenya (1,953; 13), Liberia (2,055; 0), Mali (575; 0), Malawi (303; 0), Mauritania (2,760; 4), Morocco (10,663; 45), Namibia (105; 0), Nigeria (10,870; 39), Niger (2,226; 13), Senegal (396; 0), Sierra Leone (67; 1), Somalia (9,302; 32), South Sudan (3,160; 41), Togo (628; 2), Uganda (2,011; 13), and Zambia (4,289; 0). This week, 7,446 new cases and 126 new deaths of measles were reported from 11 AU MS: Burundi, CAR, Chad, Congo, DRC, Ethiopia, Liberia, Morocco, Nigeria, Somalia, and Zambia.

**Burundi:** Since the last update (16 August 2024), the MoH reported 98 new suspected cases and no new deaths of measles from 12 districts. This is a 56% increase in the number of new cases compared to the last update. Cumulatively, 14,394 suspected cases and 148 deaths (CFR: 1.0%) 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 (9 August 2024), the MoH reported three new suspected cases and no deaths of measles from region number 1. This is a 96% decrease in the number of new cases reported compared to the last update. Cumulatively, 2,870 cases (619 confirmed; 2,251 suspected) and three deaths (CFR: 0.1%) 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%

**Chad\*\*:** Since the last update (9 August 2024), the MoH reported 63 new suspected cases and no new deaths of measles from eight provinces. This is a 53% decrease in the number of new cases reported compared to the last update. Cumulatively, 8,285 cases (941 confirmed; 7,344 suspected) and 27 deaths (CFR: 0.3%) 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 (9 August 2024), the MoH reported 20 new suspected cases and no new deaths of measles from six departments. This is a 53% decrease in the number of new cases reported compared to the last update. Cumulatively, 431 cases (64 confirmed; 367 suspected) and four deaths (CFR: 0.9%) 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%.

**DRC\*\*:** Since the last update (9 August 2024), the MoH reported 2,023 new suspected cases and 115 deaths (CFR: 5.7%) of measles from 25 provinces. This is a 59% decrease in the number of new cases reported compared to the last update. Cumulatively, 71,147 suspected cases and 1,830 deaths (CFR: 2.6%) of measles have been reported from all the 26 provinces in DRC. This is a protracted outbreak that started in January 2023. In 2023, the national measles vaccination coverage among children <2 years in DRC was 26%.

**Ethiopia\*\*:** Since the last update (9 August 2024), the EPHI reported 400 new suspected cases and one new death (CFR: 0.3%) of measles from 11 regions. This is a 46% increase in the number of new cases compared to the last update. Cumulatively, 27,176 suspected cases and 208 deaths (CFR: 0.8%) of measles have been reported from 11 of 13 regions in Ethiopia this year. Fifty percent of the total cases were not vaccinated 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%.

**Liberia\*\*:** Since the last update (26 July 2024), the MoH reported 824 new confirmed cases and no new deaths of measles from 14 counties. This is a 15-fold increase in the number of new cases compared to the last update. Cumulatively, 2,055 cases (974 confirmed; 1,081 suspected) and no deaths of measles have been reported from all the 14 counties in Liberia this year. In 2023, the national measles vaccination coverage among children <2 years in Liberia was 58%.

**Morocco:** Since the last update (16 August 2024), the MoH reported 459 new cases (215 confirmed; 244 suspected) and three new deaths (CFR: 0.7%) of measles. This is a 9% decrease in the number of new cases compared to the last update. Cumulatively 10,663 cases (3,825 confirmed; 6,838 suspected) and 45 deaths (CFR: 0.4%) of measles have been reported from all the 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%.

**Nigeria\*\*:** Since the last update (10 May 2024), the NCDC reported 3,028 new cases (1,602 confirmed; 1,426 suspected) and six deaths (CFR: 0.2%) of measles from all the 36 states and the federal capital territory. This is a 40% decrease in the number of new cases compared to the last update. Cumulatively, 10,870 cases (5,645 confirmed; 5,225 suspected) and 39 deaths (CFR: 0.4%) of measles have been reported from all the 36 states and the federal capital territory. In 2022, the national measles vaccination coverage among children <5 years in Nigeria was 80%.

**Somalia:** Since the last update (16 August 2024), the MoH reported 172 new cases (10 confirmed; 162 suspected) and one new death (CFR: 0.6%) of measles from six states. This is no difference in the number of new cases reported compared to the last update. Of the new reported cases, 68% were children <5 years. Cumulatively, 9,302 cases (534 confirmed; 8,768 suspected) and 32 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%.

**Zambia\*\*:** Since the last update (2 August 2024), the Zambia National Institute of Public Health reported 356 new cases (19 confirmed; 337 suspected) and no new deaths of measles from seven provinces. This is a 11-folds increase in the number of new cases compared to the last update. Cumulatively, 4,289 cases (201 confirmed; 4,088) suspected) and no deaths of measles have been reported from all the ten provinces in Zambia. In 2023, the national measles vaccination coverage among children <2 years in Zambia was 61%.

**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.

## Dengue fever in Africa

**10,541** confirmed human case(s), **8,188** probable human case(s), **38,286** suspected human case(s)  
**70** human deaths (**CFR: 0.12%**)

Agent/Pathogen	Dengue virus	First Reported	12-Jan-2024	Previous Report Update	16-Aug-2024	First Occurred	1-Jan-2024
Country	Multiple Countries	Location	13 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 57,015 cases (10,541 confirmed; 8,188 probable; 38,286 suspected) and 70 deaths (CFR: 0.12%) of dengue fever have been reported from 13 AU MS: Burkina Faso (37,404 cases; 54 deaths), Cameroon (1; 0), Cabo Verde (1,205; 0), Chad (983; 0), Côte d'Ivoire (39; 0), Ethiopia (824; 0), Ghana (54; 0), Kenya (88; 0), Mali (5,389; 6), Mauritius (9,166; 8), Sao Tome and Principe (9; 0), Senegal (23; 0) and Sudan (1,830; 2). This week, 2,176 new cases and three new deaths of dengue fever were reported from Burkina Faso.

**Burkina Faso:** Since the last update (16 August 2024), the MoH reported 2,176 new cases (1,693 suspected; 483 probable) and three new deaths (CFR: 0.1%) of dengue fever from all 13 regions. This is a 27% increase in the number of new cases compared to the last update. Cumulatively, 37,404 cases (29,216 suspected; 8,188 probable) and 53 deaths (CFR: 0.1%) of dengue fever have been reported from all 13 regions in Burkina Faso this year. The dengue serotypes circulating among confirmed cases in Burkina Faso are DENV-1 and DENV-3. The Center region accounted for 58% of all the cases and 44% of all deaths reported. This is a protracted outbreak that started in September 2023.

**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:

**Burkina Faso:** The MoH continues to enhance surveillance, case management and risk communication activities across the 13 regions in the country.

## Polio virus (vaccine-derived) in Africa

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

Agent/Pathogen	Polio virus (vaccine-derived)	First Reported	23-Feb-2024	Previous Report Update	16-Aug-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:

Since the beginning of this year, six confirmed cases and no deaths of circulating vaccine-derived poliovirus type 1 (cVDPV1) have been reported from DRC (5 cases) and Mozambique (1). Ninety five confirmed cases and no deaths of circulating vaccine-derived poliovirus type 2 (cVDPV2) have been reported from 13 AU MS: Angola (6 cases), Benin (1), Chad (4), DRC (8), Ethiopia (12), Guinea (5), Kenya (1), Liberia (1), Niger (7), Nigeria (39), Somalia (3), South Sudan (7), and Zimbabwe (1). This week, five new confirmed cases of cVDPV2 were reported from two AU MS: Niger and Nigeria.

**Niger:** Since the last update (5 July 2024), the MoH reported four new confirmed cases and no deaths of cVDPV2 from Tahoua (2) and Zinder (2) regions. Cumulatively, seven confirmed cases of cVDPV2 have been reported from Tahoua (2) and Zinder (5) regions. In 2022, the national oral polio vaccination (OPV3) coverage among children <1 year in Niger was 84%.

**Nigeria:** Since the last update (9 August 2024), the MoH reported one new confirmed case and no deaths of cVDPV2 from Sokoto state. There is no percentage difference compared to the last update. Cumulatively, 39 confirmed cases of cVDPV2 have been reported from nine of the thirty-six states and the federal capital territory: Adamawa (1 confirmed case), Bauchi (4), Jigawa (2), Kaduna (1), Kano (12), Katsina (10), Kwara (2), Kebbi (1) and Sokoto (6) 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.

# Environmental Event Updates

## Moderate Risk Events

### Floods in Africa

**431,984** displaced persons  
**692** human deaths

Agent/Pathogen	<b>Floods</b>	First Reported	<b>19-Jan-2024</b>	Previous Report Update	<b>16-Aug-2024</b>	First Occurred	<b>1-Jan-2024</b>
Country	<b>Multiple Countries</b>	Location	<b>15 MS</b>	Source	<b>Ministry of Environment</b>	GeoScope	<b>MODERATE</b>
Human Risk Assessment	<b>Moderate</b>	Animal Risk Assessment	<b>N/A</b>				

#### Update to Event:

Since the beginning of this year, a total of 431,984 displaced persons and 692 deaths due to floods have been reported from 15 AU MS: Chad (112,413 displaced persons; 40 deaths), Congo (0; 19 ), DRC (0; 221), Kenya (209,045; 277), Liberia (15,000; 0), Madagascar (9,528; 10), Mali (38,700; 15), Mauritius (1,000; 2), Niger (6,000; 21), Rwanda (0; 14), Somalia (23,772; 7), South Africa (70; 48), Sudan (5,600; 5), Tanzania (2,880; 0), and Uganda (7,976; 13). Currently, floods are active in Liberia, Mali, Niger and Sudan. This week, 30,000 displaced persons and 15 deaths were reported from Mali.

**Mali:** Since the last update (16 August 2024), the Gao Social Development Department (GSDD) reported a flooding situation in the northern city of Gao. The flood was due to heavy rainfall which started on 17 August 2024 and led to 15 deaths, 94 injuries, and the displacement of 30,000 persons. Cumulatively, 38,700 displaced persons and 15 deaths due to flooding have been reported in Mali this year.

#### Response by MS/partner/Africa CDC:

**Mali:** The GSDD is mobilizing humanitarian partners to coordinate and provide immediate response to the flooding situation.

\*247 suspected cases were discarded after laboratory testing results came back negative. Only 45 confirmed mpox cases are reported from CAR this week.

\*\* Cases of mpox in Cote d'Ivoire, Cholera in Ethiopia, DRC and Nigeria, Measles in CAR, Chad, Congo, DRC, Ethiopia, Liberia, Nigeria, and Zambia, and Lassa fever in Nigeria are batch reports.

\*\*\* Reduction of suspected cases and death of mpox after harmonizing the mpox data with the Congo Department of Epidemiology and Disease Control (169 cases; 1 deaths) to (162; 0)

-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.