## **WEEKLY BULLETIN ON OUTBREAKS AND OTHER EMERGENCIES**

Week 44: 30 October - 05 November 2023 Data as reported by: 17:00; 05 November 2023

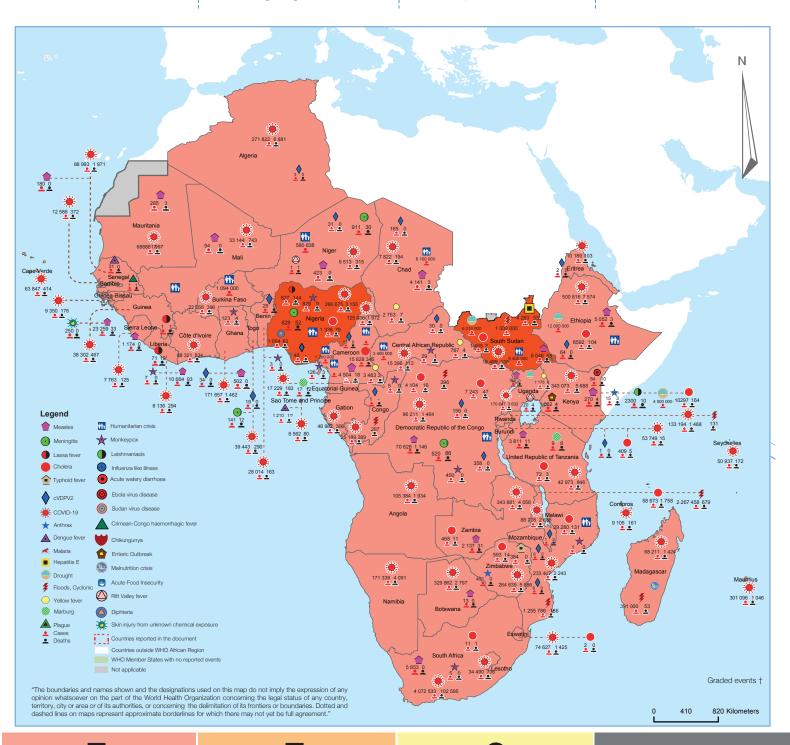


New events

Ongoing events

Outbreaks

Humanitarian crises



Grade 3 events

Grade 2 events

Protracted 2 events

Grade 1 events

Ungraded events

Protracted 3 events

Protracted 1 events

## **Overview**

### **Contents**

- 1 Overview
- 2-7 Ongoing events
- 8 IDSR Report
- 9 All events currently being monitored

This Weekly Bulletin focuses on public health emergencies occurring in the WHO African region. This week's articles cover:

- Humanitarian situation in Ghana
- Dengue fever in Burkina Faso
- Diphtheria in Guinea

For each of these events, a brief description, followed by public health measures implemented and an interpretation of the situation is provided.

A table is provided at the end of the bulletin with information on all new and ongoing public health events currently being monitored in the region, as well as recent events that have been controlled and closed.

### Major issues and challenges include:

Burkina Faso is grappling with a Dengue fever outbreak with several critical challenges in the current efforts to respond to the outbreak. A significant shortage of rapid diagnostic tests, reagents, consumables, and essential emergency medications hampers the ability to promptly diagnose and manage cases at healthcare facilities. Additionally, the low rate of case reporting on the STELab (System for Tracking Epidemiological Data and Laboratory Specimens) platform, limits effective analysis and response. Furthermore, misinformation on social media, and a funding shortfall pose further challenges, highlighting the need for immediate attention and strategic planning to ensure the successful management of the outbreak.

## Ghana

## **Humanitarian Crisis - Floods**

### **EVENT DESCRIPTION**

With the high inflows of water upstream of the Akosombo Dam in Ghana, the Volta River Authority (VRA) has initiated a controlled spilling measure to protect the structural integrity of the dam. Since 15 September 2023, the Volta Region of Ghana has been experiencing flooding as a result of this controlled measure.

Seven districts comprising 81 communities downstream have been severely affected by the flooding, resulting in significant damage to infrastructure and the displacement of 25 629 inhabitants. Only 19.6% (n=5 027) of the affected people have found refuge in safe havens, while over 80.0% (n=20 602) of them have sought shelter with relatives.

Approximately 400 houses have been entirely submerged by the rising waters and flash floods. Additionally, the floodwaters have encroached upon 125 farmlands and 400 fish cages across eight fish farms, resulting in an estimated loss of 400 million Ghana Cedis.

Essential services, including water and electricity have been disrupted in the affected communities. Overall, with the ongoing heavy rainfall, the spillage is expected to continue, exacerbating this flooding situation, and highlighting the need for immediate and timely support by government agencies and partners.

### **PUBLIC HEALTH ACTIONS**

- The government agencies, including the regional administration, the National Disaster Management Organization (NADMO), and the Volta River Authority (VRA), with support from the International Association for Water Governance and Environmental Management (IAWGE) are leading this flooding crisis.
- Multisectoral coordination meetings are ongoing at both national and sub-national levels.
- The government, the District Assembly, and VRA are providing relief items, shelters, and other logistics to the affected communities and internally displaced

persons in safe havens.

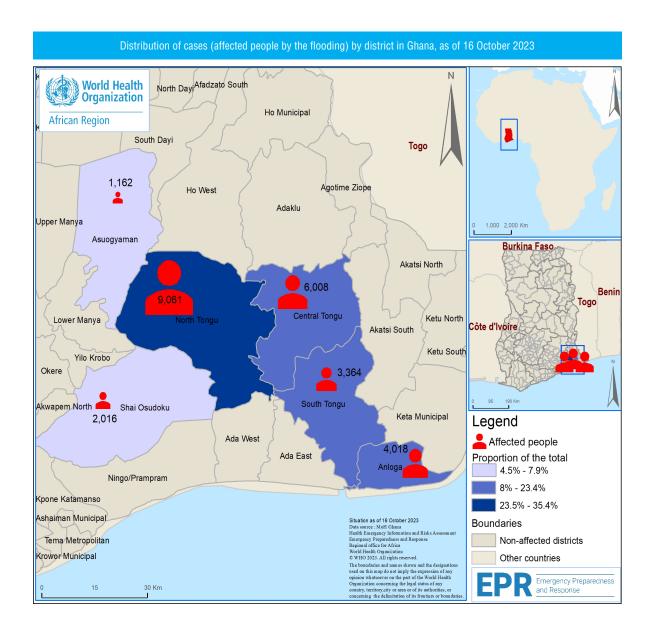
- Health personnel have been deployed to safe havens to attend to the health needs of the affected population.
- Surveillance activities have been reinforced in the affected areas and health facilities to monitor and respond to any potential health risks.
- Risk communication and community engagement activities have been initiated to educate the affected communities about the flooding and related health risks.
- Efforts are being made to provide generators at the safe havens to ensure continued access to electricity.
- The 48 Engineers Regiment of the Ghana Armed Forces has been deployed to assist in response and rescue operations.

### SITUATION INTERPRETATION

The flooding in the Volta Region of Ghana is a grave humanitarian crisis that has caused significant damage to infrastructure, agriculture, and the displacement of thousands of people. It highlights the vulnerability of communities to natural disasters and the importance of preparedness and swift response. The response to this crisis is characterized by the coordinated efforts of various government agencies and organizations to provide relief, medical assistance, and essential services to those affected.

The government of Ghana along with its partners should continue their efforts to meet the urgent needs of the affected communities, including the provision of relief items, strengthening healthcare services, and ensuring access to clean water and sanitation facilities. A tailored and specific approach should be established to efficiently ensure the structural integrity of the dam and prevent any potential flooding resulting from this measure.

Go to overview



## **Burkina Faso**

64 774

274

0.4%

Cases

Deaths

**CFR** 

### **Dengue Fever**

### **EVENT DESCRIPTION**

Burkina Faso is currently facing an upsurge in dengue fever cases and associated fatalities. From 16 to 22 October 2023, a total of 14 296 suspected cases, with 6 038 probable cases and 60 recorded deaths (CFR 0.4%) have been reported. This reflects a 30.0% surge in new cases compared to epidemiological week 41 (n=10 117), and a 20.0% increase in the number of deaths (n=48).

The cases have been reported from 13 different health regions across the country, with the Central region accounting for the majority of suspected cases (63.0%, n=9 095), followed by Hauts-Bassins (21.0%, n=3 038). Of the 60 newly reported deaths, nearly half (n=29) were from Central region, and 25.0% (n=15) were from Sahel region.

From 1 January to 25 October 2023, a cumulative total of 64 774 cases, including 27 540 probable cases, and 274 recorded deaths (CFR 0.4%) were reported across the 13 health regions. The Central region was the most affected, accounting for 60.0% of the cases (n=38 967), followed by Hauts Bassins (27.0%, n=17 386). Specifically, most cases were reported from Do, Dafra, and Hounde health districts in the Centre region, and Koudougou and Kaya health districts in the Hauts Bassins region. Most of the recorded death were reported from the Hauts Bassins region (41.0%, n=114).

Since the beginning of the year and as of epidemiological week 42 (ending 22 October 2023), a total of 2 584 samples have been collected, of which 77.0% (n=1 989) were analyzed at the National Reference Laboratory (LNR-FHV).

A total of 152 samples tested positive for IgM Dengue, while 565 were positive for Dengue through RT-PCR. Notably, most of the positive cases (81.8%) were of serotype DEN3, with 15.8% being serotype DEN1, and a smaller portion (0.7%) belonging to serotype DEN2.

### PUBLIC HEALTH ACTIONS

Coordination efforts for the ongoing response to the outbreak of dengue fever are actively underway in all affected regions. Key activities encompass:

- Resource mobilization through advocacy meetings with technical and financial partners.
- Regular meetings of the National Committee for Outbreak Management.
- Finalization of the strategic plan to combat arbovirus diseases.
- Preparation and dissemination of information materials on the dengue fever outbreak.
- The surveillance system has been enhanced in all impacted regions, with key ongoing activities comprising active case search, entomological investigations.
- The Ministry of Public Health and Hygiene provided Rapid Diagnostic Testing kits free of charge in CHU, CHR, CMA/CM facilities.
- Clinical case management has been strengthened in all affected regions, along with healthcare workers comprehensive briefings on the diagnosis and management of dengue fever cases.
- Distribution of medications and kits for the effective management of dengue fever cases, and the dissemination of case management guidelines are underway.
- Vector control initiatives are currently in progress and encompass the following activities:
  - Indoor spraying in Bobo Dioulasso and Ouagadougou cities.
  - Spatial spraying in densely populated vector areas within Ouagadougou.
  - Larval breeding site destruction within the community in the Center and Hauts Basins regions.
- Risk communication and community engagement efforts have been reinforced through various channels, including radio, television.

#### SITUATION INTERPRETATION

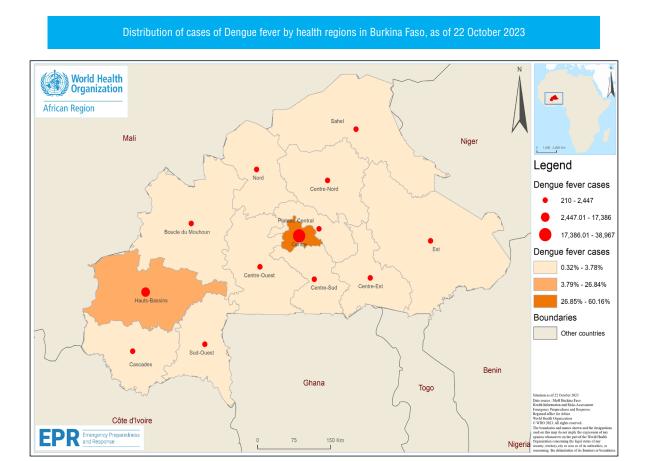
The ongoing Dengue fever outbreak with the notably high number of cases and fatalities has overwhelmed public and private healthcare services in Burkina Faso negatively impacting individuals of all age groups as

Go to map of the outbreaks

Go to overview

well as those with underlying health conditions. This distressing situation, exacerbated by the challenging security environment, led to the malfunction of the country's healthcare facilities and restricting access to essential healthcare for 3.6 million people.

Urgent action is required from the Ministry of Health and its partners to secure the essential resource for an effective response. Strengthening surveillance, laboratory capabilities, case management, and risk communication are imperative to control this outbreak.



## Guinea 576 58 10.1% Cases Deaths CFR

## **Diphtheria**

### **EVENT DESCRIPTION**

Since the beginning of July 2023, several West African countries, including Guinea have recorded an increase in cases of Diphtheria.

In Guinea, Diphtheria cases were recorded in Kankan region spanning 4 districts, namely Siguiri, Mandiana, Kankan, and Kouroussa. Since epidemiological week 40 (ending 8 October 2023), an incremental increase in suspected cases have been observed, over time.

During epidemiological week 42 (ending 22 October 2023), 7 new cases with no deaths were recorded in Siguiri region. Additionally, there were 31 new contacts identified, 17 suspected cases under treatment and only 2 improved cases, were released.

From July to 16 October 2023, a cumulative total of 576 cases, including 20 laboratory confirmed cases and 556 suspected cases have been reported in Kankan region. Siguiri district was the most affected with over 95.0% (n=547) of the total case, followed by Mandiana (2.4%, n=14), Kankan (2.3%, n=13), and Kouroussa (0.3%, n=2).

A total of 58 deaths were recorded, with 49 within health facilities and 9 in the community. Children aged 1 - 4 years old were the most affected (81.6%, n=470) followed by children less than 1 year (7.5%, n=43).

Females accounted for 62.0% (n=357), while males represented 38.0% (n=219) of the total cases.

### PUBLIC HEALTH ACTIONS

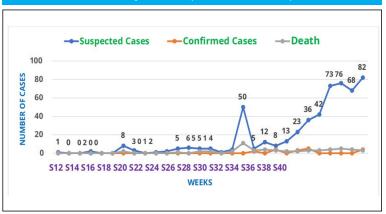
- Daily meetings at regional level are held to ensure timely coordination among all stakeholders
- Surveillance activities including active case search, cases investigation are ongoing in the affected region
- Monitoring of suspected cases has been reinforced in all affected regions
- Médecins Sans Frontières (MSF) has contributed to Go to overview

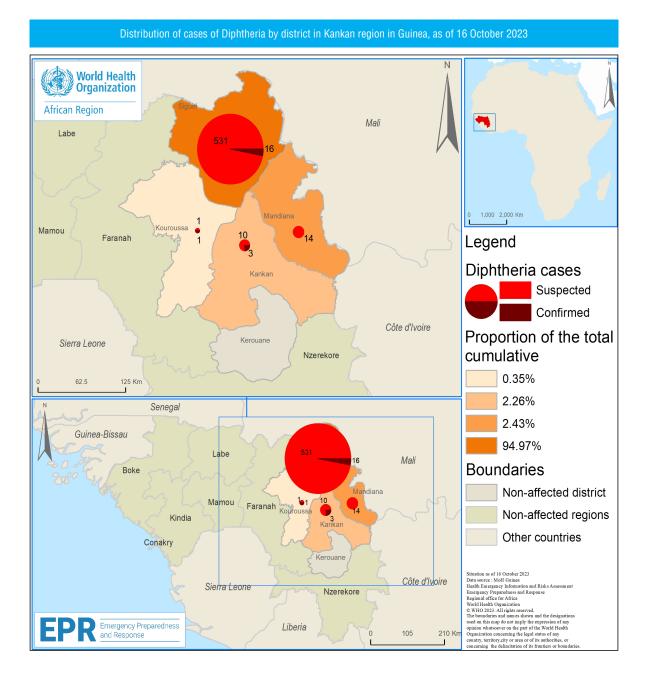
- case management by supplying free malaria Rapid Diagnostic Testing kits, as well as antibiotic for grade 1 contacts.
- Local and national health authorities are intensifying diphtheria contact vaccinations in Kankan region, focusing on children under 23 months, with a target of 161 148. As of 16 October 2023, only 9633 vaccinations have been administered representing 6.0% of the target.
- Risk communication and community engagement activities to raise awareness have been intensified

### SITUATION INTERPRETATION

Diphtheria outbreak poses a threat to West African countries with potential trend to spread to other regions. Limited resources and capacity of health facilities to investigate and respond to diphtheria outbreaks remains a challenge. There is a need to strengthen resource mobilization as well as surveillance, laboratory, risk communication activities at all levels to control this outbreak. Ultimately, the Government of Guinea with its partners should aim to achieve a substantial improvement in vaccination coverage within the vulnerable population, reaching the target of 80-85% vaccination coverage as per WHO recommendations

Epidemiological curve of Diphtheria suspected-confirmed cases and deaths in the Kankan region, Guinea (As of 16 October 2023)





# All events currently being monitored by WHO AFRO

Country	Event	Date notified to WCO	Start of reporting period	End of reporting period	Total cases	Cases Confirmed	Deaths	CFR
New Events								
Zambia	Anthrax	11/1/2023	10/12/2022	10/31/2023	337		4	1.2%

On 1 November 2023, WHO was notified of a human anthrax outbreak in Zambia. The first cases were recorded in the Sinazongwe district of Southern province in October 2022. Between 12 October 2022 and 31 October 2023, a total of 337 cases and 4 deaths (CFR 1.2%) were reported from six provinces; Southern, Western, Eastern, Lusaka, Northwestern, and Muchinga provinces.

Ongoing Events								
Algeria	COVID-19	2/25/2020	2/25/2020	8/24/2023	271 853	271 853	6881	2.5%
rom 25 Februa	ary 2020 to 24 Au	gust 2023, a total	of 271 853 confirm	ed cases of COVID-19	with 6 881 death	s have been repo	rted from Algeria	
Algeria	Diphtheria	8/3/2023	8/3/2023	8/3/2023	80	16	0	0.0%
	023, the Ministry on the Ministry of the Minis		ced emergency mea	sures to contain a diph	ntheria outbreak ir	the southern re	gions. There have	been 80 cases,
Algeria	Poliomyelitis (cVDPV2)	7/14/2022	4/11/2022	10/25/2023	3	3	-	-
According to GI reported in 202		ation Initiative, no	case of circulating	vaccine-derived poliovi	irus type 2 (cVDP	V2) was reported	I this week. There	were three case
Angola	COVID-19	3/21/2020	3/21/2020	10/16/2023	105968	105968	1936	1.8%
	ned COVID-19 cas h 1 936 deaths.	se was reported i	n Angola on 21 Mar	ch 2020. As of 16 Octo	ber 2023, 105 96	8 confirmed CO\	/ID-19 cases have	been reported i
Benin	COVID-19	3/17/2020	3/16/2020	5/3/2023	28014	28 014	163	0.6%
	Health in Benin a with 163 deaths a			COVID-19 on 16 Marc	h 2020. As of 3 N	lay 2023, a total	of 28 014 cases h	ave been reporte
Benin	Poliomyelitis (cVDPV2)	8/8/2019	8/24/2019	10/25/2023	30	30	0	0.0%
There have bee	n three cases repo	orted in 2023. The	ere are 13 cases rep	orted in 2022. Six case	s were reported i	n 2021 and 2020	, and eight in 201	9.
Botswana	COVID-19	3/30/2020	3/30/2020	10/23/2023	330321	330 321	2799	0.9%
			Iness in Botswana r ountry including 2 7	eported three confirme 99 deaths.	ed cases of COVID	1-19. As of 13 Oc	tober 2023, a tota	al of 330 321
Burkina Faso	Humanitarian crisis (Sahel Region)	1/1/2019	1/1/2019	10/26/2023	2100000	-	-	-
remains a majo		e affected populat		so has gradually deterion 1903, 5.5 million People 1909 1909 1909 1909 1909 1909 1909 190				
Burkina Faso	Chikungunya	9/6/2023	9/19/2023	10/24/2023	214	214	0	0.0%
whose sample v	was collected as p	art of sentinel su	rveillance for dengu	fevers confirmed a case e and other arboviruse ou (10), Zorgho (8), Ko	s. As of 24 Octob	er, 214 confirme	d cases and no de	
Burkina Faso	COVID-19	3/10/2020	3/9/2020	5/3/2023	22056	22 056	396	1.8%
Between 9 Marc Faso.	ch 2020 and 3 Ma	y 2023, a total of	22 056 confirmed o	ases of COVID-19 with	396 deaths and	21 596 recoverie	s have been repo	rted from Burkin
Burkina Faso	Dengue fever	9/11/2023	1/1/2023	9/19/2023	64 774	128	214	0.3%
rom the begini 214 fatalities.	ning of the outbre	ak in January to (	October 30, 2023, a	total of 64 774 suspec	ted cases have be	en documented,	with 2 7540 prob	able cases and
Burundi	Cholera	1/1/2023	12/14/2022	10/29/2023	1244	175	9	0.7%
The ongoing ch of 29 October 2		as officially declar	ed on 1 January 20	23. Cumulatively, a tota	al of 1 244 cases	with nine deaths	(CFR 0.7%) have	been reported a
Burundi	COVID-19	3/31/2020	3/18/2020	10/1/2023	54 366	54 266	15	0.0%
			ndi reported the first 1 266 recoveries and	two confirmed cases ( 1 15 deaths.	of COVID-19. As o	of 10 September	2023, the total nu	imber of

Go to overview

Burundi	Poliomyelitis (cVDPV2)	3/17/2023	1/1/2022	10/5/2023	2	2	0	0.0%
No cVDPV2 cas	e was reported th	nis week. There is	one case reported t	his year and one last y	ear.	,		
Cameroon	Humanitarian crisis (North, Adamawa & East)	12/31/2013	6/27/2017	10/10/2023	-	-		-
Cameroon hosts eastern part of t	s about 460 000 r the country (Nortl	refugees and asyl h, Adamawa, and	um-seekers. Refuge East) and are estim	es from the Central Afr ated to be 352 938 refu	rican Republic are ugees by the UNH	e mostly hosted ir ICR as of 31 Augi	n the rural refuged ust 2023.	es' camps in the
Cameroon	Humanitarian crisis (Noth- West & South-West )	10/1/2016	6/27/2018	10/2/2023	-	-	-	-
to flee their hon		g villages and cor		ation and persistent vio January and July 2023				
Cameroon	Humanitarian crisis (Sahel Region)	12/31/2013	6/27/2017	10/2/2023	-	-	-	-
				in the Lake Basin Chad arian needs in that reg				
Cameroon	Cholera	8/31/2021	10/25/2021	10/12/2023	20933	2 050	492	2.4%
reported from n		e regions are still		era including 2 050 lab ral, and South-West).				
Cameroon	COVID-19	3/6/2020	3/6/2020	10/8/2023	125205	125205	1974	1.6%
The Cameroon I deaths.	Ministry of Health	confirmed the fi	rst COVID-19 case o	n 6 March 2020. As of	8 October 2023,	125 205 cases ha	ave been reported	l, including 1 974
Cameroon	Measles	4/2/2019	1/1/2023	10/8/2023	6508	6 008	30	0.5%
				rmed measles cases ha hs (CFR 0.5%) have be			cluding 429 lgM+	, 50 clinically
Cameroon	Mpox	2/24/2022	1/1/2022	10/12/2023	45	45	3	6.7%
		023, 108 suspecte orted in the count		cluding 27 laboratory-	confirmed and no	deaths have bee	n reported. In 20	22, 18 confirmed
Cameroon	Poliomyelitis (cVDPV2)	5/23/2019	1/1/2020	10/1/2023	13	13	0	0.0%
There were thre	e cases reported	in 2022, three oth	ners reported in 202	1, and seven cases rep	orted in 2020.	`	`	
Cape Verde	COVID-19	3/19/2020	3/18/2020	7/8/2023	64143	64 143	414	0.6%
		se was reported i		March 2020. As of 8 J	uly 2023, 64 143	confirmed COVIE	D-19 cases, includ	ling 414 deaths
Cape Verde	Dengue	11/6/2023	11/6/2023	11/6/2023	6	2	0	1.2%
Reaction (PCR)	testing and one b	oorderline case in	the city of Praia, Sa	rted to the WHO count intiago Island, Cabo Ve uding two confirmed w	rde. The same da			
Central African Republic	Humanitarian crisis	12/11/2013	12/11/2013	10/4/2023	-	-	-	-
over 37 000 Charefugees and re	adians, mainly wo	omen and children the north-east p	n seeking refuge due	s still presenting worry to insecurity in their v seeking safety from th	illages. More to t	that, since April th	nis year, a total of	18 545 Sudanese
Central African Republic	COVID-19	3/14/2020	3/14/2020	6/18/2023	15404	15 404	113	0.7%
				the first COVID-19 cas veries were reported.	e in the Central A	frican Republic o	n 14 March 2020	As of 18 June
Central African Republic	Measles	3/13/2022	1/1/2023	8/20/2023	2055	1 145	3	0.1%
				alth and Population has nave been reported. Th				

							,	
Central African Republic	Мрох	3/3/2022	3/4/2022	5/28/2023	31	31	1	3.2%
				d one death have been cases were reported d				
Central African Republic	Poliomyelitis (cVDPV2)	5/24/2019	5/24/2019	10/1/2023	46	46	0	0.0%
			s year. In addition, s in 2019 from seve	six cases were reported ral outbreaks.	d in 2022. Althou	gh no new cases	were reported in	2021, four
Central African Republic	Yellow Fever	6/12/2023	1/1/2023	10/22/2023	6	6	0	0.0%
cases of yellow	fever were record	ded for the follow		blic (CAR). This year fr a-Mbaéré (1), Berbérat fever outbreak				
Chad	Humanitarian crisis (Sahel region)	2/11/2022	3/1/2016	10/4/2023	-	-	-	-
epidemics, ecor mid-April, hund of the Sudanese	nomic crisis, and reds of Sudanese crisis and as of S	political instability refugees, and Ch	v. Regarding the ong adian returnees, inc IHCR has counted 4	induced displacements going conflict in Sudan cluding wounded, conti !20 834 refugees. IOM	, there is no imm inue to cross the	ediate prospect o border to seek re	f resolving the co fuge in Chad. Sin	nflict and since ce the beginning
Chad	COVID-19	3/19/2020	3/19/2022	5/3/2023	7822	7 822	194	2.5%
The first confirn country, includi		se was reported i	n Chad on 19 March	2020. As of 26 April 2	2023, a total of 7	822 confirmed CO	OVID-19 cases we	ere reported in the
Chad	Dengue	8/5/2023	8/6/2023	10/1/2023	1342	41	1	0.1%
Chad health aut death are report		the dengue outbr	eak officially on 15 i	August 2023. As of 1 0	ctober 2023, a to	otal of 1 342 susp	ected cases, 41 c	onfirmed and on
Chad	Measles	5/24/2018	1/1/2023	8/6/2023	8 984	820	4	0.0%
				four measles-related ( 78 tested IgM+ for rub		) have been repo	rted from 143 ou	t of 150 districts
Chad	Poliomyelitis (cVDPV2)	10/18/2019	9/9/2019	10/1/2023	193	193	0	0.0%
	n 34 cases report nine others were r		dition, 44 cVDPV2 (	cases were reported in	2022, 106 cVDP\	V2 cases were rep	oorted in 2020 fro	m three different
Comoros	COVID-19	4/30/2020	4/30/2020	10/12/2023	9109	9 109	160	1.8%
	f confirmed COVI		on 30 April 2020 ir	Comoros. As of 23 M	ay 2023, a total o	f 9 109 confirmed	d COVID-19 cases	s, including 160
Congo	COVID-19	3/14/2020	3/14/2020	5/14/2023	25195	25 195	389	1.6%
		inced the confirm reported in the co		e of COVID-19 in Cong	jo on 14 March 2	020. As of 14 Ma	y 2023, a total of	25 195 cases,
Congo	Мрох	5/23/2022	8/22/2023	10/11/2023	22	18	2	9.1%
Departments. Fi	rom week 1 to we	ek 36 of 2022 (w		of Mpox, (4) probable ember 2022), (5) labor				
Congo	Poliomyelitis (cVDPV1)	3/21/2023	3/1/2023	10/1/2023	1	1	-	-
	ating vaccine-deri is on 26 Septemb		pe 1 (cVDPV1) was	confirmed on 1 March	2023 in a 15-yea	r-old child living i	n Dolisie, Niari Do	epartment, with
Côte d'Ivoire	COVID-19	3/11/2020	3/11/2020	7/11/2023	88 338	88 338	835	0.9%
Since 11 March recoveries.	2020, a total of 8	38 338 confirmed	cases of COVID-19	have been reported fro	om Côte d'Ivoire,	including 835 dea	aths and a total of	87 497
Côte d'Ivoire	Dengue fever	7/10/2023	6/19/2023	9/30/2023	3189	259	27	0.8%
An outbreak of I and 27 deaths (		ngoing in Ivory C		cases have been repo	rted from 19 Jun	e to 30 Septembe	er 2023, with 259	confirmed cases
Democratic Republic of the Congo	Humanitarian crisis	12/20/2016	4/17/2017	10/7/2023	-	-	-	-
In The Democra	oping and robber	y in Bunia health :	one. In Kasai and N	uation remains concerr Nai-Ndombe provinces, Kivu and Tshopo provii	conflicts betwee	ince, recent secui n local communit	rity incidents have ties continue with	e been reported thousands of

Democratic Republic of the Congo	Cholera	1/16/2015	1/1/2023	9/17/2023	29874	1 866	107	0.4%
				s), 741 new cases and th 107 deaths (CFR 0.4				
Democratic Republic of the Congo	COVID-19	3/10/2020	3/10/2020	8/19/2023	96230	96 230	1468	1.5%
Since the start of 33 of 2023.	of the COVID-19 o	outbreak, declared	d on 10 March 2020	, a total of 96 230 conf	irmed cases, incl	uding 1 468 deatl	ns, have been rep	orted as of week
Democratic Republic of the Congo	Measles	10/12/2021	1/1/2023	10/1/2023	247160	3 429	4567	1.8%
start of this year	r. As of week 39,	(ending 1 Octobe	r), a total of 247 160	ongo (DRC). A total of 2 D suspected measles of 583 were IgM positive	ases and 4 567 de			
Democratic Republic of the Congo	Mpox	3/30/2019	1/1/2022	7/4/2023	734	734	3	0.4%
From 1 January cases.	2022 through 13	April 2023, the [	Democratic Republic	of the Congo reported	1 734 confirmed N	Mpox cases, with	three death amon	g the confirmed
Democratic Republic of the Congo	Poliomyelitis (cVDPV1)	8/27/2022	8/27/2022	10/15/2023	226	226	0	0.0%
There have beer	79 cases report	ed this year and 1	47 cases in 2022	·	'	·		
Democratic Republic of the Congo	Poliomyelitis (cVDPV2)	2/26/2021	1/1/2022	10/15/2023	479	479	0	0.0%
	e reported this w	eek. There have b	een 107 cases repo	rted this year and 372	cases in 2022.			
Equatorial Guinea	COVID-19	3/14/2020	3/14/2020	7/26/2023	17229	17 229	183	1.1%
		re announced the deaths and 16 90		/ID-19 case on 14 Mar	ch 2020. As of 23	3 February 2023,	a total of 17 229 o	cases have been
Eritrea	COVID-19	3/21/2020	3/21/2020	5/3/2023	10189	10 189	103	1.0%
			n Eritrea on 21 Marc have recovered fron	ch 2020. As of 30 Octo n the disease.	ber 2022, 10 189	confirmed COVII	O-19 cases with 1	03 deaths were
Eritrea	Poliomyelitis (cVDPV2)	6/2/2022	6/7/2022	9/26/2023	2	2	0	0.0%
	cVDPV2 in 2023 National Polio L		ne case was reporte	d in 2022, and another	one reported in 2	2021. The latter ca	ase was confirme	d on 2 June 2022
Eswatini	COVID-19	3/13/2020	3/13/2020	10/23/2023	75052	75 052	1427	1.9%
The first case of 1 427 associate		onfirmed in the k	ingdom of Eswatini	on 17 March 2020. As	of 18 October 20	)23, a total of 75 (	052 cases have be	een reported with
Ethiopia	Floods	11/8/2023	11/2/2023	11/6/2023	-	-	-	
Oromia regions,	rivers including 01 households (2	Web Genale and	related tributaries ha	DRMB), following heav ave burst their banks re 23 132 households (1	sulting the worst	t flooding for 30 la	ast years. As of 6	November 2023,
Ethiopia	Food insecurity (Horn of Africa crisis)	2/17/2022	1/1/2022	9/30/2023	-	-	-	-
per the Famine I	Early Warning Sy Inditions – brings	stems Network (F	EWS NET) outlook	IPC Phase 5) are expe update. Furthermore, for harvests and livestock	orecasted above-	average rainfall di	riven by El Niño a	nd positive Indian
Ethiopia	Humanitarian crisis (Northern Ethiopia)	11/4/2020	11/4/2020	10/6/2023	-	-	-	-
surveillance not	fully resumed be intries. As of 16 S	cause of limited	internet access. Furt	emerged early August hermore, armed confli have arrived in Ethiopi	ct in Sudan has fo	orced hundreds o	f thousands of pe	ople to flee to
Ethiopia	Cholera	9/17/2022	9/17/2022	10/26/2023	24559	24 559	321	1.3%
op/u	Jilololu	J, , LULL	5, 11, LULL	. 0/ 20/ 2020	_ 1000		UL.	1.070

Since the index 1.3%).	case in August 2	022, there have b	een 24 559 cholera	cases as at week 42 of	2023. Within this	s same period, the	ere have been 32 <sup>-</sup>	1 deaths (CFR
Ethiopia	COVID-19	3/13/2020	3/13/2020	9/21/2023	501060	500 946	7574	1.5%
Since the confinant 488 159 re		t case on 21 Mar	ch 2020, Ethiopia ha	s confirmed a total of	501 060 cases of	COVID-19 as of	week 38, 2023, w	ith 7 574 deaths
Ethiopia	Dengue	5/16/2023	5/10/2023	10/24/2023	10233	10 233	4	0.0%
				f northeastern Ethiopia (CFR 0.04%) have bee		iencing an outbre	ak of dengue feve	er. As of 18th
Ethiopia	Malaria	1/31/2023	1/1/2023	10/8/2023	-	-	-	
	s reported in the			ia cases were reported nd three from South W				
Ethiopia	Measles	4/13/2017	1/1/2023	10/23/2023	18 899	18 899	149	0.8%
				thiopia have been affec 99 cases with 149 dea				
Ethiopia	Poliomyelitis (cVDPV2)	6/24/2019	5/20/2019	10/26/2023	69	69	0	0.0%
				irculating vaccine-deri ant to highlight that no				reported in 2022,
Gabon	COVID-19	3/12/2020	3/12/2020	10/22/2023	48992	48 992	307	0.6%
				of the first COVID-19 ew cases reported sind		try. As of 9 Octob	er 2023, a total of	f 48 992 cases,
Gambia	COVID-19	3/17/2020	3/17/2020	9/21/2023	12684	12 684	372	2.9%
A total of 12 68	4 cummulative ca	·	ported with 372 dea	ths(CFR=2.9%). Notea	· -		nale.	
Ghana	Floods	10/13/2023	10/16/2023	10/30/2023	25629	25 629	0	0.0%
				mainder staying with r es from eight fish farm 9/21/2023				
				and 1 462 deaths(CFR				
		is nau a cummua i respective distri		and 1 402 deaths(GFN	0.9 /0). THE IIIOSI	recent cases (5)	were nom the bit	Jiaiii-Aiiiiwia50-
Ghana	Мрох	6/8/2022	5/24/2022	9/21/2023	133	133	5	3.8%
As of week 36,	there have been 1	33 confirmed and	d 5 deaths(CFR 3.8%	6) reported from 261 [	Districts.			
Ghana	Poliomyelitis (cVDPV2)	8/23/2019	7/23/2019	9/21/2023	34	34	-	-
		utbreak in 2019. documented as o		umulative of 34 cVDPV	2 AFP cases. 19 (	cVDPV2 cases we	ere documented ir	n 2019, 12 in 2020
Guinea	COVID-19	3/13/2020	3/13/2020	5/3/2023	38462	38 462	467	1.2%
			rst confirmed case o ted in the country.	f COVID-19 on 13 Mar	ch 2020. As of 3	May 2023, a tota	of 38 462 cases,	including 37 407
Guinea	Diphtheria	8/21/2023	7/4/2023	10/4/2023	456	14	57	12.5%
including 14 co	nfirmed cases. A	total of 57 deaths		uinea since 4 July 202 d. Of the reported case 429 cases, 94 %).				
Guinea-Bissau	COVID-19	3/25/2020	3/25/2020	4/9/2023	9 614	9 614	177	1.8%
			ea Bissau reported tl 9 315 recoveries ar	he first COVID-19 conf nd 177 deaths.	irmed case in the	country. As of 9	April 2023, the co	ountry has
Kenya	Floods	11/9/2023	11/8/2023	11/9/2023	-	-	-	
Garissa, Wajir,	and Tana River an en displaced and	d parts of the upp	per eastern areas of	of Kenya, causing flood the country. According b led to infrastructure c	to UN OCHA ove	er 61 380 people l	have been affecte	d, nearly 36 000
Kenya	Food insecurity (Horn of Africa crisis)	2/17/2022	1/1/2022	9/30/2023	-	-	-	-
average, suppo However, there	rted by a strong E is an elevated risl	I Niño event. The k that the above-a	rains are expected to verage rainfall will re	ins in northern and east to improve forage, passesult in flooding in the ase 3) as the pastoral le	ture, and water re flood-prone parts	esources in pastor s of the country a	ral areas, support	ing livestock body.
Kenya	Anthrax		4/10/2023	10/23/2023	20	4400	3	15.0%
ixonya	πιιιιαλ		7/10/2020	10/20/2020	۷.		J	10.070

Kenya A cholera outbr	Cholera	10/19/2022	10/5/2022	10/22/2023	12 121	577	202	-
	reak has been ong 7%) have been rep			. As of 22 October 202	3, a total of 12 12	21 cases, with 57	7 confirmed by c	ulture, and 202
Kenya	COVID-19	3/13/2020	3/13/2020	10/24/2023	343999	343 999	5689	1.7%
				of one new COVID-19 ew cases in the countr		ntry. As of 18 Octo	ober 2023, 343 9	55 confirmed
Kenya	Leishmaniasis (visceral)	3/31/2019	1/3/2020	10/22/2023	2 395	2 205	10	-
			CFR 0.4%) have bee n the last epi week (	n reported in Kenya sir since 10 August).	nce 20 July 2020.	. The outbreak is	currently active ir	only one county
Kenya	Measles	6/29/2022	1/1/2023	10/22/2023	1 325	259	23	-
	rted as of 22 Octo		ecting 13 counties in have been new case	n 2023. Cumulatively, 1 s in week 41	l 325 cases, with	256 confirmed c	ases and 23 deat	hs (CFR 1.7%)
Kenya	Poliomyelitis (cVDPV2)	7/6/2023	5/26/2023	10/5/2023	5	5	0	0.0%
No cVDPV2 cas			have been five case:	· · · · · · · · · · · · · · · · · · ·				
Lesotho	COVID-19	5/13/2020	5/13/2020	10/23/2023	35836	35 836	706	2.1%
and 706 deaths	S.		T	13 May 2020 until 13 C	october 2023, a to	otal of 35836 case	es of COVID-19 h	ave been reported
Liberia	COVID-19	3/16/2020	3/16/2020	9/21/2023	8161	8 161	295	3.6%
				d in Liberia, until July <sup>r</sup> rently zero active case		ave been 8 161 co	onfirmed cases ar	nd 294 deaths. No
Liberia	Lassa Fever	3/3/2022	1/6/2022	10/30/2023	353	96	27	7.6%
rom January 6	6, 2022, to week 4	2 of 2023, a cum	mulative total of 353	3 cases have been repo	orted with 96 con	firmed and 27 de	aths.(CFR 7.9%).	
Liberia	Measles	2/3/2022	12/13/2021	10/30/2023	12967	12 298	95	0.7%
Since the meas affected Counti	les outbreak start es as of week 42 o	ed on 13 Decemb of 2023. Montser	er 2021, there have rado County has rec	been 12 967 suspecte orded the highest num	d cases, 12 298 o ber of deaths (69	confirmed cases, 9).	and 95 deaths wi	th CFR 0.7% in 1
Liberia	Mpox	7/21/2022	7/23/2022	10/30/2023	119	7	0	0.0%
	ed its first case of 3 in Grand Kru an			altive total of 119 susp	ected cases repo	rted and 7 confir	med. The most re	cent case was in
Madagascar	Malnutrition crisis	7/1/2021	1/1/2021	10/23/2023	2200000	-	-	-
malnutrition thi	s year. The situati	on is particularly	dire in the Grand Sc	y 479 000 children with outh and Grand South-e	east regions, whe	ere two out of five	people are sever	
Moderne	COVID-19	3/20/2020	3/20/2020	10/23/2023	68352	68 352	1425	2.2%
Madagascar					of 13 October 2	023, a total of 68	352 confirmed ca	
The Madagasca	ar Ministry of Heal ve been reported i		first COVID-19 case	on 20 March 2020. As	7 01 10 0010001 2			ases, including 1
The Madagasca			3/3/2022	10/15/2023	59 040	59 016	1768	ases, including 1
The Madagasca 425 deaths, hav Malawi Twenty-nine dis	Cholera Stricts have report	n the country.  3/3/2022 ed Cholera cases	3/3/2022	10/15/2023 n the Machinga district	59 040	59 016		-
The Madagasca 425 deaths, hav Malawi Twenty-nine dis	Cholera Stricts have report	n the country.  3/3/2022 ed Cholera cases	3/3/2022 since March 2022 in	10/15/2023 n the Machinga district	59 040	59 016		-
The Madagasca 425 deaths, hav Malawi Twenty-nine dis 768 deaths (CF Malawi On 2 April 2020	cholera Cholera Stricts have report R 3.0%) have bee COVID-19 O, the president of s with 2 686 deat	n the country.  3/3/2022 ed Cholera cases on reported since  4/2/2020  Malawi announchs.	3/3/2022 since March 2022 i the onset of the outl 4/2/2020	10/15/2023 n the Machinga district preak.	59 040 As of 15 Octobe 88 905	59 016 er 2023, a cumula 88 905	ative total of 59 04	- 40 cases and 1
The Madagasca 425 deaths, hav Malawi Twenty-nine dis 768 deaths (CF Malawi On 2 April 2020	cholera Cholera Stricts have report R 3.0%) have bee COVID-19 Of the president of	n the country.  3/3/2022 ed Cholera cases on reported since  4/2/2020 Malawi announc	3/3/2022 since March 2022 i the onset of the outl 4/2/2020	10/15/2023 n the Machinga district preak. 8/27/2023	59 040 As of 15 Octobe 88 905	59 016 er 2023, a cumula 88 905	ative total of 59 04	- 40 cases and 1
The Madagasca 425 deaths, have Malawi Twenty-nine dis 768 deaths (CF Malawi On 2 April 2020 confirmed case Malawi On 6 November aboratory conf	cholera Cholera Stricts have report R 3.0%) have bee COVID-19 Check the president of se with 2 686 deatl Measles CO23, the Minist	n the country.  3/3/2022 ed Cholera cases on reported since  4/2/2020  Malawi announchs.  11/6/2023 ry of Health (Mohn the same geogr	3/3/2022 since March 2022 in the onset of the outled 4/2/2020 ed the first confirme 11/6/2023 d) released a press r	10/15/2023 in the Machinga district preak. 8/27/2023 d cases of COVID-19 in	59 040  . As of 15 October  88 905  In the country. As  32  leasles outbreak	59 016 er 2023, a cumula 88 905 of 27 August 202 11 in Lilongwe distri	2686 23, the country ha	- 40 cases and 1 - as 88 905 6.3% otification of 11
The Madagasca 425 deaths, have Malawi Twenty-nine dis 768 deaths (CF Malawi On 2 April 2020 confirmed case Malawi On 6 November aboratory conf	cholera Cholera Stricts have report R 3.0%) have bee COVID-19 Check the president of se with 2 686 deatl Measles COVID-19 Check the president of se with 2 686 deatl Measles COVID-19 Check the president of se with 2 686 deatl COVID-19 Check the president of se with 2 686 deatl	n the country.  3/3/2022 ed Cholera cases on reported since  4/2/2020  Malawi announchs.  11/6/2023 ry of Health (Mohn the same geogr	3/3/2022 since March 2022 in the onset of the outled 4/2/2020 ed the first confirme 11/6/2023 d) released a press r	10/15/2023 In the Machinga district oreak.  8/27/2023 d cases of COVID-19 in 11/6/2023 elease on confirmed m	59 040  . As of 15 October  88 905  In the country. As  32  leasles outbreak	59 016 er 2023, a cumula 88 905 of 27 August 202 11 in Lilongwe distri	2686 23, the country ha	- 40 cases and 1 - as 88 905 6.3% otification of 11
The Madagasca 425 deaths, have Malawi Twenty-nine dis 768 deaths (CF Malawi On 2 April 2020 confirmed case Malawi On 6 November aboratory confirmeasles related Malawi One positive ca	cholera Cholera Stricts have report R 3.0%) have bee COVID-19 On the president of the swith 2 686 deatl Measles T 2023, the Ministric irrued cases with it deaths were also Poliomyelitis (WPV1) Use of wild WPV1 in the strict irrued in the swith it deaths were also	n the country.  3/3/2022 ed Cholera cases on reported since  4/2/2020 Malawi announchs.  11/6/2023 ry of Health (Mohn the same geograperted  1/31/2022 was detected in L	3/3/2022 since March 2022 ithe onset of the outl 4/2/2020 ed the first confirme 11/6/2023 d) released a press raphical area 36. As 2/1/2022 ilongwe from a child	10/15/2023 In the Machinga district oreak.  8/27/2023 d cases of COVID-19 in 11/6/2023 elease on confirmed mof 6 November, 32 sus	59 040  88 905  The country. As  32  The country as a cou	59 016 er 2023, a cumula 88 905 of 27 August 202 11 in Lilongwe distriluding 11 confirm 1 19 November 202	2686 23, the country has 2 ct following the need are reported.	as 88 905  6.3%  otification of 11 Two suspected  0.0%
The Madagasca 425 deaths, have Malawi Twenty-nine dis 768 deaths (CF Malawi On 2 April 2020 confirmed case Malawi On 6 November aboratory confimeasles related Malawi One positive ca	cholera Cholera Stricts have report R 3.0%) have bee COVID-19 On the president of the swith 2 686 deatl Measles T 2023, the Ministric irrued cases with it deaths were also Poliomyelitis (WPV1) Use of wild WPV1 in the strict irrued in the swith it deaths were also	n the country.  3/3/2022 ed Cholera cases on reported since  4/2/2020 Malawi announchs.  11/6/2023 ry of Health (Mohn the same geograperted  1/31/2022 was detected in L	3/3/2022 since March 2022 ithe onset of the outl 4/2/2020 ed the first confirme 11/6/2023 d) released a press raphical area 36. As 2/1/2022 ilongwe from a child	10/15/2023 In the Machinga district break.  8/27/2023 Id cases of COVID-19 in 11/6/2023 Id cases on confirmed more of 6 November, 32 sus 10/4/2023 If with the date of onset	59 040  88 905  The country. As  32  The country as a cou	59 016 er 2023, a cumula 88 905 of 27 August 202 11 in Lilongwe distriluding 11 confirm 1 19 November 202	2686 23, the country has 2 ct following the need are reported.	as 88 905  6.3%  otification of 11 Two suspected  0.0%
The Madagasca 425 deaths, hav Malawi Twenty-nine dis 768 deaths (CF Malawi On 2 April 2020 confirmed case Malawi On 6 Novembel laboratory conf measles related Malawi One positive ca reported. Malaw Mali Mali is facing p underfunded, w	cholera Cholera Stricts have report R 3.0%) have bee COVID-19 Covid to the president of the swith 2 686 death Measles COVID-19 Covid to the president of the swith 2 686 death Covid to the president of the swith 2 686 death Covid to the president of the swith 2 686 death Covid to the president of the president o	n the country.  3/3/2022 ed Cholera cases on reported since  4/2/2020 Malawi announchs.  11/6/2023 ry of Health (Mohn the same geograph reported  1/31/2022 was detected in Lighting in the multipating in the multipating funding the required funding and some contents of the country of the cou	3/3/2022 since March 2022 in the onset of the outle 4/2/2020 ed the first confirme 11/6/2023 1) released a press raphical area 36. As 2/1/2022 ilongwe from a childulti-country, subregion 9/11/2017 shocks, and growing secured. There has a since with the country of the country	10/15/2023 In the Machinga district oreak.  8/27/2023 Id cases of COVID-19 in 11/6/2023 Id cases on confirmed mor 6 November, 32 sus 10/4/2023 If with the date of onset onal outbreak response	59 040  88 905  The country. As  32  The country as a cou	59 016 er 2023, a cumula 88 905 of 27 August 202 11 in Lilongwe distriluding 11 confirm  1 19 November 202 (PV1 outbreak.	2686 23, the country has 2 ct following the need are reported.  0 1. No other cases e Plan for Mali is	- 40 cases and 1 - 48 88 905 - 6.3% - otification of 11 - Two suspected - 0.0% - shave been - severely



## WEEKLY BULLETIN ON OUTBREAKS AND OTHER WEEK 44: 30 OCTOBER - 5 NOVEMBER 2023

The Ministry of Health of Mali has announced that a case of Chikungunya has been confirmed by real-time polymerase chain reaction (RT-PCR) on 30 September 2023 in commune VI of the Bamako district. The case is a 35-year-old male resident of Kayes Liberté in the Kayes health district with onset of symptoms on 26 September 2023. Mali COVID-19 10/16/2023 33159 3/25/2020 3/25/2020 33 159 743 2.2% On 25 March 2020, the Ministry of Health of Mali reported the first COVID-19 confirmed cases in the country. As of 16 October 2023, a total of 33 159 confirmed COVID-19 cases have been reported in the country, including 743 deaths. 9/12/2023 8/31/2023 10/29/2023 494 Mali Dengue Fever 62 0.0% On 9 September 2023, the Malian Ministry of Health reported a case of dengue in a 44-year-old female resident of Bacodjicoroni Golf, commune V, Bamako district. The case had onset of symptoms on 31 August 2023. On 9 September 2023, the sample collected from the case was confirmed positive for dengue virus by real-time polymerase chain reaction (RT-PCR) at the University Clinical Research Center (UCRC) laboratory. As of 29 October 2023, 494 suspected cases, including 62 confirmed cases and one death have been reported Measles 2/20/2018 1/1/2023 9/24/2023 382 344 0.0% From the beginning of the year through 24 Septembre 2023, 760 suspected measles cases were tested in Mali, and 344 were laboratory confirmed. COVID-19 3/13/2020 3/13/2020 63 712 Mauritania 7/2/2023 63 712 997 1.7% The government of Mauritania announced its first confirmed COVID-19 case on 13 March 2020. As of 2 July 2023, a total of 63 712 cases, including 997 deaths and 62 713 recovered have been reported in the country. Crimean-Congo 7/17/2023 2 Mauritania 7/27/2023 9/17/2023 1 50.0% haemorrhagic fever (CCHF) Two Crimean-Congo haemorrhagic fever (CCHF) cases were confirmed in Mauritania since the beginning of 2023. The first case was a 58-year-old male from Tevarett district of Nouakchott North region who had reportedly been infected in the Ouad Naga district of Trarza region and developed a febrile illness on 17 July 2023. He was tested and died in Dakar, Senegal, on 26 July 2023. His results returned positive for CCHF on 27 July 2023. The second case is a 23-year-old female from Libheir locality in Barkeol district of Assaba region with date of symptom onset as of 5 September 2023. She tested positive for CCHF by RT-PCR on 9 September 2023. No epidemiological link was established between the two confirmed cases Diphtheria 10/26/2023 10/8/2023 10/19/2023 On 19 October 2023, the Mauritanian Ministry of Health reported suspected cases of diphtheria. The first case had onset of symptoms on 8 October 2023. A total of eight suspected cases, including four deaths, have been reported as of 29 October 2023. Measles 3/7/2023 12/26/2022 9/17/2023 730 269 Mauritania Mauritania has been experiencing a measles outbreak since early 2023. A total of 20 districts have reached the epidemic threshold, including four currently experiencing an outbreak (Kaédi, Ksar, Monguel et Rosso). As of 17 September 2023, the country has reported 730 suspected cases of measles (269 confirmed, including 173 laboratory-confirmed cases and 96 epidemiologically linked cases). Five deaths, including two community deaths, have been reported among confirmed cases. Mauritius COVID-19 3/18/2020 3/18/2020 10/22/2023 296069 296 069 1052 0.4% The Republic of Mauritius announced the first three positive cases of COVID-19 on 18 March 2020. As of 22 October 2023, a total of 296 069 confirmed COVID-19 cases, including 1 052 deaths have been reported in the country. Mauritius 7/10/2023 10/1/2023 0.0% Dengue fever 6/8/2023 262 Mauritius has been experiencing an outbreak of dengue fever since early June. As of 1 October 2023, 262 suspected cases have been reported, including 203 in Mauritius Island and 59 in Rodrigues Island. Humanitarian 10/12/2023 Mozambique crisis in Cabo 1/1/2020 8/6/2023 Delgado Most poor and very poor households in Mozambique face Minimal (IPC Phase 1) outcomes as the ongoing harvest improves food access and availability. In Cabo Delgado, ongoing humanitarian assistance drives Stressed (IPC Phase 2) outcomes, with Crisis (IPC Phase 3) outcomes persisting in conflict-affected areas. There have been a reduced number of attacks. 10/12/2023 10/23/2023 34943 Mozambique Cholera 9/14/2022 The current cholera outbreak in the country started in Niassa province on 14 September 2022. As of 15 October 2023, 34 943 cholera cases have been recorded with 146 deaths (CRF 0.4%) in 11 affected provinces, 65 of the 67 affected districts have ended the outbreak COVID-19 3/22/2020 233654 3/22/2020 10/23/2023 233 654 2249 1.0% The first confirmed COVID-19 case was reported in Mozambique on 22 March 2020. As of 18 October 2023, a total of 233 654 confirmed COVID-19 cases were reported in the country, including 2 249 deaths. Poliomyelitis 12/7/2018 1/1/2021 6 0 0.0% Mozambique 10/23/2023 6 (cVDPV2) According to the Global Polio Eradication Initiative, no case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week. The number of cases in 2022 remains four. There were two cases reported in 2021. No cVDPV2 cases reported in 2023 Poliomyelitis Mozambique 5/17/2022 5/18/2022 10/4/2023 8 0 0.0% 8 (WPV1) According to the Global Polio Eradication Initiative, there was no WPV1 case reported this week. There were eight cases reported on 10 August 2022 COVID-19 3/14/2020 3/14/2020 8/25/2023 172 088 172 088 Namibia The first case of COVID-19 was detected in Namibia on the 14 March 2020. As of 25 August 2023, a total of 172 088 confirmed cases with 4 098 deaths have been reported. Humanitarian 2/1/2015 2/1/2015 4 300 000 Niger crisis (Sahel 10/30/2023 region)

population) in 2	2023, indicating a n less than three y crisis.	significant rise in years. Acute food	the need for humar	rd high, with an increa nitarian assistance. On 3 million people, while	28 July, Niger exp	perienced a milita	ry coup and this	marks the third
Niger	COVID-19	3/19/2020	3/19/2020	5/1/2023	9513	9 513	315	3.3%
From 19 March from the count		023, a total of 9 5	13 cases with 315 d	leaths have been repor	ted across the co	untry. A total of 9	203 recoveries I	nave been reported
Niger	Diphtheria	8/28/2023	7/4/2023	10/23/2023	1 690	100	75	4.4%
				trict, Zinder region. The eported from 20 health				
Niger	Measles	4/5/2022	1/1/2022	10/16/2023	1802	567	0	0.0%
the eight region	ns. Of these cases	, 57% (n=578) we	ere laboratory-confi	spected measles cases rmed. Additionally, 91% beginning of the year.				
Niger	Meningitis	12/7/2022	10/31/2022	10/16/2023	2261	736	129	5.7%
23 November 2	2022, with Neisser	ia meningitidis id		ct in Zinder region. The ative agent. As of 16 Oo d.				
Niger	Poliomyelitis (cVDPV2)	1/1/2020	1/1/2021	10/25/2023	34	34	0	0.0%
No new case of	f cVDPV2 was rep	orted during this	week. The total num	ber of cases reported	in 2022 is 16. The	ere were 18 cases	reported in 202	1.
Nigeria	Humanitarian crisis (Sahel region)	10/10/2016	10/10/2016	9/7/2023	8 300 000	8 300 000		-
As of week 30,		on people are tar		of severe acute malnuti rian aid, 8.3 million ped				
Nigeria	Cholera		1/1/2023	8/27/2023	2 860		84	2.9%
Areas in 25 sta	tes. Of all suspect	ed cases, 51% ar	otal of 2 860 suspe e male, and the age Bayelsa (265) and El	cted cholera cases and groups most affected a bonyi (227).	84 deaths (CFR 2 are <5 years, follo	2.9%) were repor wed by 5-14 yea	ted from 124 Loors. The most affe	cal Government cted states are
Nigeria	COVID-19	2/27/2020	2/27/2020	8/15/2023	266 675	266 675	3155	1.2%
	of COVID-19 was f		igeria on 27 Februar	y 2020. As of 15 Augu	st 2023, a total of	266 675 confirm	ned cases with 25	9 953 recovered
Nigeria	Diphtheria	12/1/2022	12/1/2022	7/31/2023	4 160	1 534	137	7.5%
(132) States ha	ave reported the m	nost cases. A total	of 137 deaths were	diphtheria were repor recorded among conf 289 clinically compat	irmed cases (CFR			
Nigeria	Lassa Fever	1/8/2023	1/1/2023	9/17/2023	7352	1 068	181	2.5%
across 28 state		overnment areas.		deaths. From week 1 t , 1 068 were confirmed				
Nigeria	Mpox	1/31/2022	1/1/2022	7/9/2023	843	843	9	1.1%
From 1 January	y to 9 July 2023, N	Nigeria has report	ed 843 monkeypox	confirmed cases with r	nine deaths (CFR	1.1%).		
Nigeria	Poliomyelitis (cVDPV2)	6/1/2018	1/1/2022	10/25/2023	74	67	-	-
No cVDPV2 cas	se was reported th	nis week. There ha	ave been 26 cVDPV2	cases reported this ye	ear and 48 cases i	n 2022.		
Rwanda	COVID-19	3/14/2020	3/14/2020	2/26/2023	133 194	133 194	1468	1.1%
			nfirmation of the firs en reported in the co	t COVD-19 case on 14 ountry.	March 2020. As o	of 26 February 20	23, a total of 133	3 194 cases with 1
Sao Tome and Principe	COVID-19	4/7/2020	4/6/2020	10/23/2023	6599	6 599	80	1.2%
				rted the country's first 6 519 cases have bee			er 2023, a total o	of 6 599 confirmed
Senegal	Chikungunya	6/8/2023	6/8/2023	10/1/2023	230	230	0	0.0%
				ned case of Chikungun unda (60) being the m		ne district. As of	1 October 2023,	there were 230
Senegal	COVID-19	3/2/2020	3/2/2020	4/28/2023	88 997	88 997	1971	2.2%
From 2 March Senegal.	2020 to 28 April 2	023, a total of 88	997 confirmed case	es of COVID-19 includi	ng 1 971 deaths a	nd 87 024 recove	eries have been r	eported in
Senegal	Dengue	11/14/2022	1/1/2023	10/1/2023	55	55	0	0.0%
A total of 55 de			eported in 15 distric	ts of Senegal from wee	k 1 to week 39 of	2023. The major	rity of cases have	
	(38; 69.1%) and F			-		,		

Senegal	Measles	7/4/2022	1/1/2023	10/1/2023	467	467	0	0.0%
From epidemic	week 1 to 39 of 2			onfirmed cases of meas	_		n Senegal.	0.071
Seychelles	COVID-19	3/14/2020	3/14/2020	2/28/2023	50 937	50 937	172	0.3%
		ned cases were re 172 deaths have l		on 14 March 2020 as	of 28 February 20	023, a total of 50	937 cases have b	een confirmed,
Sierra Leone	COVID-19	3/31/2020	3/27/2020	9/21/2023	7636	7 636	126	1.7%
		reported the first en six confirmed (		19 case in the country.	As of week 38, 20	023, 7 636 cases,	126 deaths, CFR	(1.7%). Since the
South Africa	COVID-19	3/5/2020	3/5/2020	4/24/2023	4 072 533	4 072 533	102 595	2.5%
Since the start or reported.	of the COVID-19 p	pandemic in Soutl	h Africa through 24	April 2023, a cumulativ	ve total of 4 072 5	33 confirmed cas	ses and 102 595 (	deaths have been
South Africa	Diphtheria	11/9/2023	11/9/2023	11/8/2023	11	9	1	9.1%
a confirmation to detected 55 inm treatment whils	through culture la nates as close cor	aboratory testing on ntacts. Of them, ei	on 2 November of thight were positive. 1	otheria outbreak at the F ne disease in a 19-year- wo staff members disp , 11 cases including nir	old male inmate olayed symptoms	who died on 5 No compatible with (	vember 2023. Indiphtheria and ha	vestigations ve received
South Africa	Measles	10/17/2022	10/13/2022	10/2/2023	7054	1 199	0	0.0%
	cases), Mpumalar			onfirmed cases were reses), Gauteng (217 case				
South Sudan	Food insecurity (Horn of Africa crisis)	12/18/2020	4/5/2021	10/9/2023	-	-	-	-
face extremely	high levels of acu	ite food insecurity		security outlook June 2 the population anticipa intense flood risk.				
South Sudan	Humanitarian crisis	8/15/2016	8/15/2016	10/3/2023	9400000	-	-	-
	nflict in Sudan, as			d to be 9.4 million this y Is have been recorded a				
South Sudan	COVID-19	4/5/2020	4/5/2020	10/4/2023	18368	18368	138	0.8%
		Health of South S try including 138 (		ountry's first case of Co	OVID-19. As of 4	October 2023, a t	otal of 18 368 co	nfirmed COVID-19
South Sudan	Hepatitis E	1/3/2018	1/1/2019	8/27/2023	4253	1 517	27	0.6%
The current out		vi		ļ				0.075
				cases of AJS have bee including 27 deaths (0				
August 2023, a South Sudan	total of 4 253 cas Measles	ses of acute jaund 2/23/2022	ice syndrome (AJS) 1/1/2023	) including 27 deaths (0 10/15/2023	6328 6328	een reported sind 521	ce January 2019. 149	2.4%
August 2023, a South Sudan In 2023, from v cases are in chi	total of 4 253 cas Measles veek 1 through we	ses of acute jaund 2/23/2022 eek 41 (ending 15	ice syndrome (AJS) 1/1/2023	) including 27 deaths (0 10/15/2023 f 6 328 with 149 related	6328 6328	een reported sind 521	ce January 2019. 149	2.4%
August 2023, a South Sudan In 2023, from v	total of 4 253 cas Measles veek 1 through we	ses of acute jaund 2/23/2022 eek 41 (ending 15	1/1/2023 October ) a total of	) including 27 deaths (0 10/15/2023 f 6 328 with 149 related	6328 6328	een reported sind 521	ce January 2019. 149	2.4%
August 2023, a  South Sudan  In 2023, from v cases are in chi  Tanzania, United Republic of  On 3 October 2 of 31 October 2 regions. Nine ca	Measles  week 1 through weildren less than fix  Cholera  023, WHO was not 2023, a total of 56 ases were admitted	ses of acute jaund 2/23/2022 eek 41 (ending 15 ve years of age wi 10/3/2023 otified about a Cho 4 cases including ed in Singida (4) a	ice syndrome (AJS) 1/1/2023 Cotober ) a total of th 75% of all related 9/7/2023 Delera outbreak affec 14 deaths (CFR 2.5	10/15/2023  16 328 with 149 related deaths.  10/31/2023  ting three regions of Ta 5%) were reported from the 72 samples tested by	CFR 0.7%) have be 6328 I deaths have bee 564 Inzania Mainland:	521 n reported with a 53 Mara, bordering of Mara, Kigoma,	te January 2019.  149  CFR of 2.4% . M  14  Kenya, Arusha ar Arusha, Kilimanj.	2.4% ore than 66% of 2.5%  d Kigoma. As aro, and Singida
August 2023, a  South Sudan  In 2023, from v cases are in chi  Tanzania, United Republic of  On 3 October 2 regions. Nine ca	Measles  week 1 through weildren less than fix  Cholera  023, WHO was not 2023, a total of 56 ases were admitted	ses of acute jaund 2/23/2022 eek 41 (ending 15 ve years of age wi 10/3/2023 otified about a Cho 4 cases including ed in Singida (4) a	ice syndrome (AJS) 1/1/2023 Cottober ) a total of th 75% of all related 9/7/2023 Diera outbreak affec 14 deaths (CFR 2.5 and Arusha (5). Of the syndrome (AJS) and Arusha (5). Of the syndrome (AJS) and Arusha (5).	10/15/2023  16 328 with 149 related deaths.  10/31/2023  ting three regions of Ta 5%) were reported from the 72 samples tested by	CFR 0.7%) have be 6328 I deaths have bee 564 Inzania Mainland:	521 n reported with a 53 Mara, bordering of Mara, Kigoma,	te January 2019.  149  CFR of 2.4% . M  14  Kenya, Arusha ar Arusha, Kilimanj.	2.4% ore than 66% of 2.5%  d Kigoma. As aro, and Singida
August 2023, a South Sudan In 2023, from v cases are in chi Tanzania, United Republic of On 3 October 2 of 31 October 2 regions. Nine ci 54.6% (308) of Tanzania, United Republic of The Ministry of	Measles Week 1 through weildren less than five Cholera  023, WHO was not 2023, a total of 56 ases were admitted cases, and 44%  COVID-19  Health, Commun	ses of acute jaund 2/23/2022 eek 41 (ending 15 ve years of age wi 10/3/2023 otified about a Che 4 cases including ed in Singida (4) a (248) of cases are 3/16/2020 hity Health, Comm	ice syndrome (AJS)  1/1/2023  October ) a total of th 75% of all related 9/7/2023  Delera outbreak affect 14 deaths (CFR 2.5 and Arusha (5). Of the aged between 15 and 3/16/2020  unity Development,	10/15/2023 16 328 with 149 related deaths. 10/31/2023 10/31/2023 11ing three regions of Ta (%) were reported from the 72 samples tested by and 44 years.	6328 d deaths have bee  564 nzania Mainland: n eleven districts of y culture, 53 show	521 n reported with a  53  Mara, bordering of Mara, Kigoma, wed growth of Vite 43 078 a reported the country and the country and the country are ported to the count	te January 2019.  149  CFR of 2.4% . M  14  Kenya, Arusha ar Arusha, Kilimanjorio cholerae. Wo  846	2.4% ore than 66% of  2.5%  ad Kigoma. As aro, and Singida men account for  2.0%
August 2023, a South Sudan In 2023, from v cases are in chi Tanzania, United Republic of On 3 October 2 regions. Nine ci 54.6% (308) of Tanzania, United Republic of Tenzania, United Republic of The Ministry of	Measles Week 1 through weildren less than five Cholera  023, WHO was not 2023, a total of 56 ases were admitted cases, and 44%  COVID-19  Health, Commun	ses of acute jaund 2/23/2022 eek 41 (ending 15 ve years of age wi 10/3/2023 otified about a Che 4 cases including ed in Singida (4) a (248) of cases are 3/16/2020 hity Health, Comm	ice syndrome (AJS)  1/1/2023  October ) a total of th 75% of all related 9/7/2023  Delera outbreak affect 14 deaths (CFR 2.5 and Arusha (5). Of the aged between 15 and 3/16/2020  unity Development,	10/15/2023  16 328 with 149 related deaths.  10/31/2023  ting three regions of Ta 19%) were reported from the 72 samples tested by and 44 years.  10/23/2023  Gender, Elderly and Ch	6328 d deaths have bee  564 nzania Mainland: n eleven districts of y culture, 53 show	521 n reported with a  53  Mara, bordering of Mara, Kigoma, wed growth of Vite 43 078 a reported the country and the country and the country are ported to the country are por	te January 2019.  149  CFR of 2.4% . M  14  Kenya, Arusha ar Arusha, Kilimanjorio cholerae. Wo  846	2.4% ore than 66% of  2.5%  ad Kigoma. As aro, and Singida men account for  2.0%
August 2023, a South Sudan In 2023, from v cases are in chi Tanzania, United Republic of On 3 October 2 of 31 October 2 regions. Nine ca 54.6% (308) of Tanzania, United Republic of The Ministry of March 2020. As Tanzania, United Republic of	Measles  Week 1 through weildren less than five  Cholera  023, WHO was not compared to the com	ses of acute jaund 2/23/2022 eek 41 (ending 15 ve years of age wi 10/3/2023  otified about a Cho 4 cases including ed in Singida (4) a (248) of cases are 3/16/2020  oity Health, Comm 023, a total of 43  7/19/2023	ice syndrome (AJS)  1/1/2023  October ) a total of th 75% of all related 9/7/2023  Diera outbreak affect 14 deaths (CFR 2.5 and Arusha (5). Of the aged between 15 at 3/16/2020  unity Development, 078 confirmed case 7/17/2023	10/15/2023  16 328 with 149 related deaths.  10/31/2023  10/31/2023  10/31/2023  10/31/2023  10/23/2023  Gender, Elderly and Chs have been reported in	6328 d deaths have bee  564  nzania Mainland: n eleven districts of culture, 53 show  43078  dildren in Tanzania n Tanzania Mainla	Mara, bordering of Mara, Kigoma, wed growth of Vib	te January 2019.  149  CFR of 2.4% . M  14  Kenya, Arusha ar Arusha, Kilimanjorio cholerae. Wo  846  Intry's first case of deaths.	2.4% ore than 66% of  2.5%  ad Kigoma. As aro, and Singida men account for  2.0%  of COVID-19 on 16
August 2023, a South Sudan In 2023, from v cases are in chi Tanzania, United Republic of On 3 October 2 regions. Nine ca 54.6% (308) of Tanzania, United Republic of The Ministry of March 2020. As Tanzania, United Republic of	Measles  Week 1 through weildren less than five  Cholera  023, WHO was not compared to the com	ses of acute jaund 2/23/2022 eek 41 (ending 15 ve years of age wi 10/3/2023  otified about a Cho 4 cases including ed in Singida (4) a (248) of cases are 3/16/2020  oity Health, Comm 023, a total of 43  7/19/2023	ice syndrome (AJS)  1/1/2023  October ) a total of th 75% of all related 9/7/2023  Diera outbreak affect 14 deaths (CFR 2.5 and Arusha (5). Of the aged between 15 at 3/16/2020  unity Development, 078 confirmed case 7/17/2023	10/15/2023  16 328 with 149 related deaths.  10/31/2023  10/31/2023  10/31/2023  10/23/2023  Gender, Elderly and Chs have been reported in 9/21/2023	6328 d deaths have bee  564  nzania Mainland: n eleven districts of culture, 53 show  43078  dildren in Tanzania n Tanzania Mainla	Mara, bordering of Mara, Kigoma, wed growth of Vib	te January 2019.  149  CFR of 2.4% . M  14  Kenya, Arusha ar Arusha, Kilimanjorio cholerae. Wo  846  Intry's first case of deaths.	2.4% ore than 66% of  2.5%  ad Kigoma. As aro, and Singida men account for  2.0%  of COVID-19 on 16
August 2023, a South Sudan In 2023, from v cases are in chi Tanzania, United Republic of On 3 October 2 of 31 October 2 regions. Nine ci 54.6% (308) of Tanzania, United Republic of The Ministry of March 2020. As Tanzania, United Republic of 2 new cVDPV2 Togo On 6 March 2020	Measles  Week 1 through weildren less than five Cholera  023, WHO was not 2023, a total of 56 ases were admitted cases, and 44%  COVID-19  Health, Commun of 18 October 20  Poliomyelitis (cVDPV2)  cases was reported COVID-19  20, the Ministry of 18 October 20  COVID-19	ses of acute jaund 2/23/2022 eek 41 (ending 15 ve years of age wi 10/3/2023 otified about a Cho 4 cases including ed in Singida (4) a (248) of cases are 3/16/2020 otify Health, Comm 023, a total of 43 of the composition of	ice syndrome (AJS)  1/1/2023  7 October ) a total of th 75% of all related 9/7/2023  Delera outbreak affect 14 deaths (CFR 2.5 and Arusha (5). Of the aged between 15 at 3/16/2020  unity Development, 078 confirmed case 7/17/2023  Suspected cases have 3/1/2020  ic Hygiene of Togo at total of total property of the aged between 15 at 3/1/2020	including 27 deaths (0 10/15/2023 f 6 328 with 149 related deaths. 10/31/2023 ting three regions of Ta 16%) were reported from the 72 samples tested by and 44 years. 10/23/2023 Gender, Elderly and Ch s have been reported in 9/21/2023	6328 d deaths have bee  564 nzania Mainland: n eleven districts of y culture, 53 show  43078 lildren in Tanzania n Tanzania Mainla 3 nulatively. 39483	seen reported sind 521 n reported with a 53 Mara, bordering of Mara, Kigoma, wed growth of Vit 43 078 a reported the cound including 846 1	te January 2019.  149  CFR of 2.4% . M  14  Kenya, Arusha ar Arusha, Kilimanjorio cholerae. Wo  846  Intry's first case of deaths.  0	2.4% ore than 66% of  2.5%  d Kigoma. As aro, and Singida men account for  2.0%  of COVID-19 on 16  0.0%

umber of cVD	Food insecurity							
Uganda	(Horn of Africa crisis)	2/17/2022	1/1/2022	9/30/2023	-	-	-	-
verage and er	ratic rainfall betwe	en April and Aug		2023 by the Famine Ea ort-cycle harvests in Au vest period.				
Uganda	Cholera	7/25/2023	7/25/2023	9/14/2023	80	31	10	12.5%
				samples turned position				
Uganda	COVID-19	3/21/2020	3/21/2020	8/28/2023	171843	171843	3632	2.1%
he first COVIC leaths were re		se was reported i	n Uganda on 21 Ma	rch 2020. As of 28 Aug	just 2023, a total	of 171 843 confir	med COVID-19	cases with 3 632
Uganda	Malaria	6/5/2023	7/2/2023	10/1/2023	-	-	-	
						<del></del>		
ases drop to b		esholds following	g several interventio	ıgiri, Butaleja, Budaka, ns. During the last rep				
ases drop to b	below epidemic thr	esholds following	g several interventio					
ases drop to been reported a Uganda The Ministry of	below epidemic thr and only three dist Meales f Health declared a l) from Panyadoli H	ricts are now in a 10/4/2023 measles outbrea	g several interventio outbreak. 9/28/2023 Ik on 28 September	ns. During the last rep	orting period (we 78 nation of suspect	ek 39), a total of  14 ed measles cases	194 226 cases a  0 at the Uganda V	nd 18 deaths hav
ases drop to been reported a Uganda The Ministry of  nstitute (UVRI	below epidemic thr and only three dist Meales f Health declared a l) from Panyadoli H	ricts are now in a 10/4/2023 measles outbrea	g several interventio outbreak. 9/28/2023 Ik on 28 September	ns. During the last rep 11/1/2023 2023 following confirm	orting period (we 78 nation of suspect	ek 39), a total of  14 ed measles cases	194 226 cases a  0 at the Uganda V	nd 18 deaths hav
ases drop to been reported a Uganda The Ministry of institute (UVRI lave been repo Uganda Setween week eported from I	Meales  Meales  Health declared a lorred.  Rift Valley fever (RVF)  1 and week 36 (we Kabale, Rubanda, I	resholds following ricts are now in a 10/4/2023 measles outbreadealth Center IV i 9/25/2023 measles and in a 10 Sewharara, Isingiro	g several intervention butbreak.  9/28/2023  kk on 28 September n Kiryandongo Distrest 1/1/2023  ptember 2023), a to, Bushenyi, Nakasek	ns. During the last rep 11/1/2023 2023 following confirm ict. As of 1 November	78 nation of suspect 2023, 78 suspect 181 ases of RVF includistricts. In week	ek 39), a total of  14 ed measles cases ed cases with 14  53 ding 53 confirmed 36, districts with	0 at the Uganda V confirmed cases  13 d and 13 deaths	0.0%  Virus Research and no deaths  7.2%  (CFR 7.2%) were

†Grading is an internal WHO process, based on the Emergency Response Framework. For further information, please see the Emergency Response Framework: http://www.who.int/hac/about/erf/en/.

Data are taken from the most recently available situation reports sent to WHO AFRO. Numbers are subject to change as the situations are dynamic.

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### **Data sources**

Data and information is provided by Member States through WHO Country Offices via regular situation reports, teleconferences and email exchanges. Situations are evolving and dynamic therefore numbers stated are subject to change.

