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

Week 51: 18 -24 December 2023 Data as reported by: 17:00; 24 December 2023

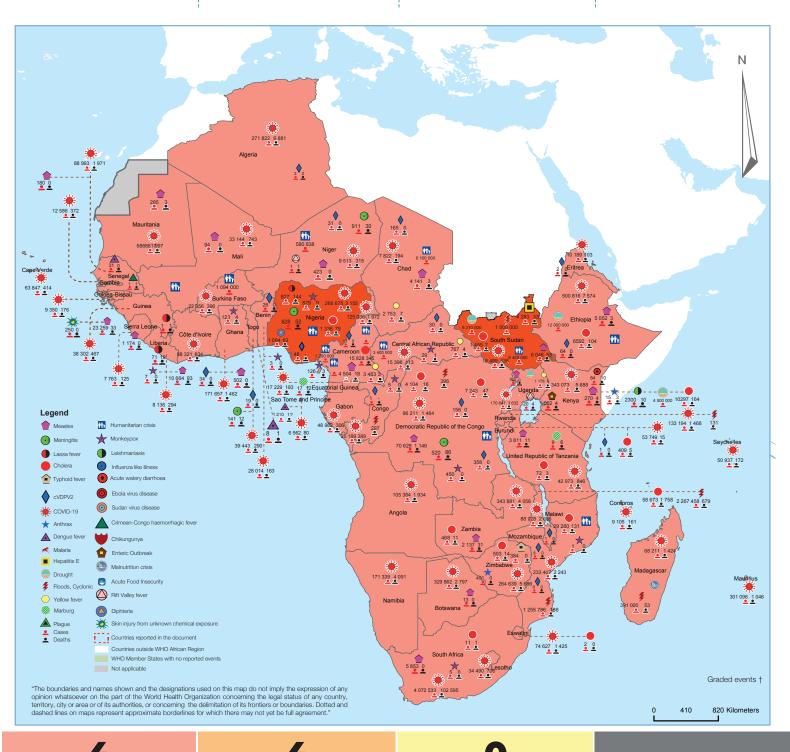


New events

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**

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

- Monkey Pox in the Democratic Republic of the Congo
- Oholera in Burundi
- Humanitarian Situation in Mali

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:

While the situation in Burundi is showing signs of improvement amidst the persistent cholera outbreak, it remains imperative to implement a comprehensive, long-term plan to prevent the recurrence of cholera cases. The ongoing challenges, primarily stemming from inadequate water and sanitation conditions in various affected areas across the country, persist. Reports continue to highlight difficulties in accessing clean water and a shortage of latrines in affected locations.

# Democratic Republic of Congo

13 357 600 4.5%

Cases Deaths CFR

#### **Monkey Pox**

#### **EVENT DESCRIPTION**

Monkey Pox (MPXV) is endemic in West and Central Africa, and there has been an increase in the cases of the outbreak in DRC since 12 November 2023. Since 2022, MPXV has also been reported in other regions other than Africa, earning the classification of the outbreak as a global event.

Since 2023, there has been 13 357 cases and 600 deaths of MPXV Clade 1 in 89.0% (23 of 26) provinces affected, a 4.7% case fatality rate. Of the total cases, 79% are in children under 15 years old age group.

Due to limited testing capacities, only approximately 10% of suspected cases in 2023 have been tested by PCR; the test positivity rate at the national level is around 65%. The remaining 90% remain classified as suspected cases based on signs and symptoms compatible with MPXV. As such, the MPXV situation in the Democratic Republic of Congo has remained obscured by the low number of confirmed cases.

As of 13December 2023, there were six provinces responding to Mpox in DRC, namely, Ecuador (n=6 073 cases), Sankuru (n=1813), Maindombe (n=1535), Tshopo (n=1 183), Tshuapa (n=796) and Kinshasa (n=120), with three deaths reported in Ecuador (1), Mainadombe (1), and Tshuapa (1). These data underscore the need for enhanced surveillance and support in the country to better understand and manage the outbreak. Historically, the DRC has only reported MPXV clade I, and there have been no confirmed cases of MPXV clade IIb, which is dominant in the current global outbreak.

# is ongoing through provision of IPC kits in collaboration to community and religious leaders, and civil society.

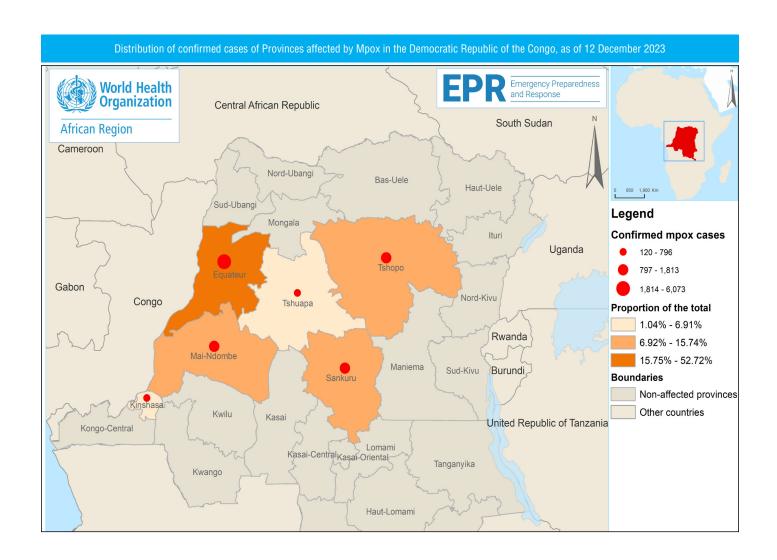
Risk communication and social mobilization through awareness raising individual interviews in households

#### SITUATION INTERPRETATION

In 2023, DRC has reported an increase in MPXV cases, with affected people exhibiting symptoms like a skin rash or mucosal lesions lasting 2–4 weeks accompanied by fever, headache, muscle aches, back pain, low energy, and swollen lymph nodes. The MPXV outbreak in DRC is facing numerous challenges, including limited coordination among teams due to mobility issues, limited capacity on following up cases and limited laboratory capacity. The Ministry of Health in DRC is working to strengthen active research and social and behaviour change teams, organize a briefing on MPXV epidemiological surveillance for providers in active provinces along with partners.

#### **PUBLIC HEALTH ACTIONS**

- Coordination and cooperation on health care has been strengthened especially at Mama Yemo hospital in Kinshasa.
- Case tracing and contact investigations is ongoing at the community level through the collection, and transport of samples although it is absent at the points of entry (PoE) or points of control (PoC) levels.
- Surveillance and laboratory activities on collecting and testing samples is ongoing
- Community infection prevention and control (IPC)



# Burundi 1364 9 0.6% Cases Deaths CFR

#### Cholera

#### **EVENT DESCRIPTION**

The cholera outbreak in Burundi, which commenced in mid-December 2022, is currently under control, with five cases reported in the past three weeks. Notably, there have been no reported deaths since 10 June 2023.

From the beginning of this outbreak until 25 December 2023, a total of 1 364 cases, including nine deaths (CFR 0.6%) and 1 352 recovered, have been reported from 12 health districts across the country namely Bubanza, Bugarama, Bujumbura Centre, Bujumbura Nord, Bujumbura Sud, Cibitoke, Isare, Kabezi, Mabayi, Mpanda, Rumonge and Rwibaga.

The majority of reported cases 90%, (1 229) have been reported from four districts, namely Isare (n=472) representing 34.6%, and North Health District (n=404) representing 29.9%. The other two Health Districts include; Cibitoke with 19.9%, (n=271) and South with 6.0% (n=82) of all reported cases.

Among the nine (9) reported fatalities, six (6) occurred in Isare health district in Rural Bujumbura, while three (3) were in Bujumbura Mairie provinces (one in Bujumbura Sud and two in Bujumbura Nord health districts).

Males remain more affected than females, constituting 54.9% of the cases. Young people between 11 to 20 years old are the most affected, accounting for 21.8% of the cases, followed by the 21 to 30 years old age group (21.8%) and children below five years (18.7%).

Bujumbura Mairie and Bujumbura Rural districts are particularly recognised as cholera hotspots. These areas encompass the capital city of Burundi, Bujumbura, and its surrounding regions. The high prevalence of overcrowded informal settlements, insufficient sanitation infrastructure, and poor hygiene practices contribute significantly to the transmission of cholera, representing well-established drivers and risk factors for the disease.

#### **PUBLIC HEALTH ACTIONS**

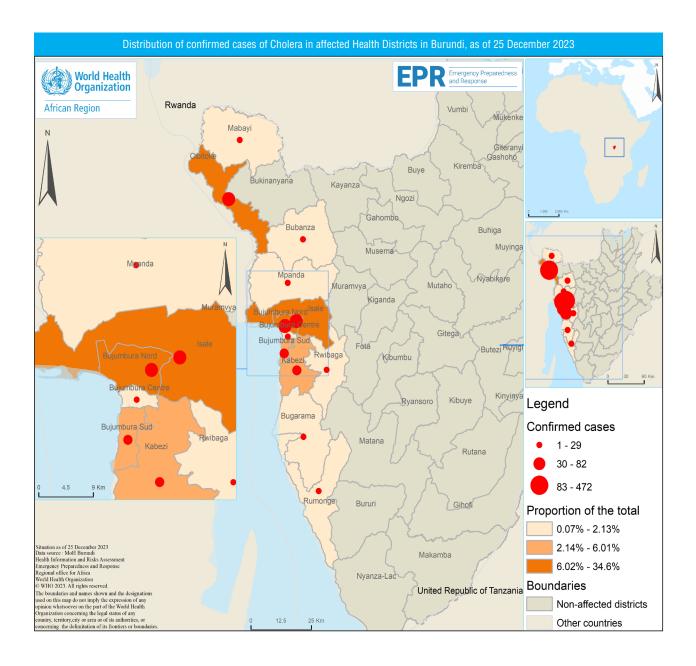
 The Ministry of Public Health of Burundi continues to coordinate response activities to the cholera outbreak with support from WHO and its partners.

- The National cholera response plan was reviewed and updated
- Cholera surveillance activities are being routinely performed nationwide, particularly in the affected districts. Health workers have been trained to identify and promptly report any suspected cases of cholera.
- Cholera case management is ongoing across several Cholera Treatment Centers
- Laboratory activities are ongoing including the confirmation of cases and serotyping.
- Water and Sanitation activities (WASH) are ongoing and include the following activities: Distribution of aqua tabs and disinfection of households in affected areas
- Risk communication and community engagement activities in affected areas to mitigate practices with high risk of cholera infection is ongoing through several awareness-raising activities, such as producing and broadcasting radio spots on cholera prevention.

#### SITUATION INTERPRETATION

The true burden of Zika virus disease in Mali is not well known because the majority of people infected with the disease do not develop symptoms, and those who do develop mild symptoms. Particular attention should be paid to preventing mosquito bites in pregnant women and women of reproductive age at risk for pregnancy complications.





## Mali

### **Humanitarian Crisis**

#### **EVENT DESCRIPTION**

The situation report from Mali, dated 15 December 2023, sheds light on a complex scenario encompassing both humanitarian and epidemiological concerns. The key areas of focus are the regions of Gao, Kidal, and Ménaka.

The security situation remains alarming, particularly in Gao, Kidal, and Ménaka, characterized by clashes, robberies, kidnappings, and theft. A notable increase in internally displaced persons (IDPs) has been observed in Kidal and Ménaka. The report highlights the migration from 375 539 IDPs in April 2023 to 391 961 in September 2023, marking a 4% increase. Kidal alone witnessed a staggering 328% rise in IDP numbers.

The period saw a marked increase in morbidity and mortality due to dengue fever. From week 36 to 48 4 181 Dengue fever suspected cases were reported across 19 health districts in six regions. Out of 4 179 tested samples, 600 were positive (14.4% positivity rate), and there were 21 fatalities registered (3.5% lethality rate). Two dengue serotypes (VDEN-1 and VDEN-3) have been identified.

Notably, there's a fluctuating trend in suspected meningitis cases and a decrease in measles cases. In 2023, as of week 48, 400 suspected meningitis cases were reported, with 63 positives including various strains (Streptococcus pneumoniae, Haemophilus Influenzae b, Haemophilus Influenzae non-b, Neisseria meningitidis C). From weeks 1 to 48 in 2023, out of 778 tested samples, 352 were positive (45% positivity rate), with no reported fatalities.

However, there's an upward trend in malaria cases and dog bites. Mali recorded 1 932 022 positive malaria cases out of 3 119 050 tests (61.9% positivity rate), resulting in 154 deaths (0.008% lethality rate) since week 1 to 48 2023.

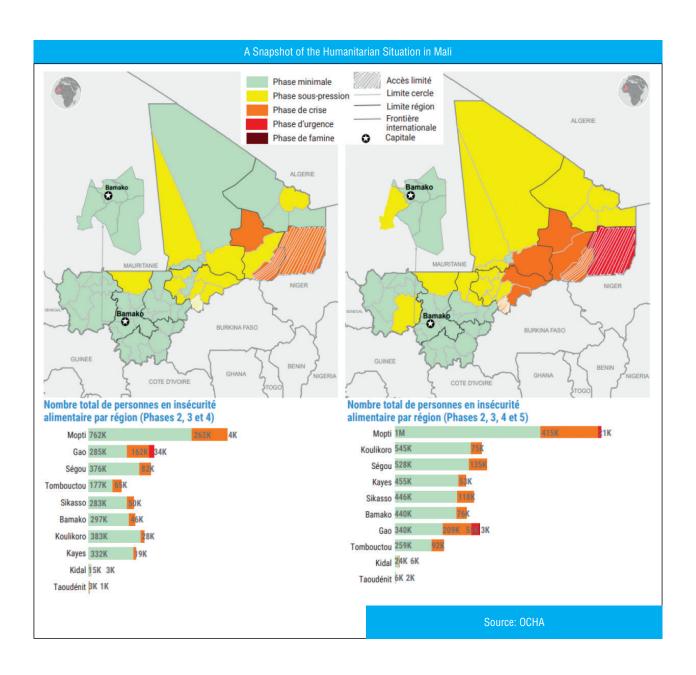
#### PUBLIC HEALTH ACTIONS

Dengue Response: WHO provided technical support, risk assessments, communication campaigns, training for health professionals, and financial assistance of USD 115 000 for field operations and anti-vector response teams.

- Measles: Preparations for a national vaccination campaign against measles scheduled for January 2024 are underway, including the reception of 10 803 000 vaccine doses and micro plan development.
- Malaria: Capacity-building initiatives for health personnel in surveillance and response to diseases, with training provided to 97 Technical Directors of Centers in the Mopti region and 60 agents from Private Structures in Bamako.
- Dog Bites and Rabies: Financial support for dog and carnivore vaccination campaigns in the most affected areas (Bamako, Koulikoro), enhanced surveillance, and advocacy for resource mobilization for vaccination in other at-risk regions.

#### SITUATION INTERPRETATION

The current situation in Mali portrays a multifaceted crisis, blending public health challenges with a strained humanitarian environment. The escalating cases of dengue, persistent measles, and increasing malaria and dog bites require continued vigilance and robust response mechanisms. Future actions should emphasize sustainable healthcare solutions, improved living conditions for IDPs, and reinforced disease surveillance and response systems. The integration of these efforts, alongside addressing the underlying humanitarian issues, is crucial for stabilizing the health situation in Mali.



# All events currently being monitored by WHO AFRO

	Event	Grade	Date notified to WCO	Start of reporting period	End of reporting period	Total cases	Cases Confirmed	Deaths	CFR
Ongoing Events									
Algeria	COVID-19	Protracted 3	2/25/2020	2/25/2020	12/17/2023	271 997	271 997	6881	2.50%
From 25 Februa	ary 2020 to 17 De	cember 2023, a total o	f 271 997 confirmed	d cases of COVID-19 w	ith 6 881 deaths l	nave been reporte	ed from Algeria.		
Algeria	Poliomyelitis (cVDPV2)	Grade 2	7/14/2022	4/11/2022	10/25/2023	3	3	-	-
According to G	lobal Polio Eradica	ation Initiative, no case	of circulating vacci	ne-derived poliovirus ty	ype 2 (cVDPV2) w	as reported this	week. There were	three cases repor	ted in 2022.
Angola	COVID-19	Protracted 3	3/21/2020	3/21/2020	12/19/2023	106 348	105 968	1 937	1.80%
		se was reported in Ang confirmed new cases a		20. As of 19 December s.	r 2023, 106 348 d	onfirmed COVID-	-19 cases have be	en reported in the	country, with
Benin	COVID-19	Protracted 3	3/17/2020	3/16/2020	5/3/2023	28 014	28 014	163	0.60%
	Health in Benin a 27 847 recoverie		firmed case of COVI	D-19 on 16 March 202	0. As of 3 May 20	)23, a total of 28	014 cases have b	een reported in the	e country, with
Benin	Poliomyelitis (cVDPV2)	Grade 2	8/8/2019	8/24/2019	12/12/2023	30	30	0	0.00%
There have bee	n three cases rep	orted in 2023. There ar	e 13 cases reported	in 2022. Six cases wer	re reported in 202	1 and 2020, and	eight in 2019.		
Botswana	COVID-19	Protracted 3	3/30/2020	3/30/2020	11/21/2023	330 361	330 361	2799	0.90%
		of Health and Wellness ry including 2 799 dea		ed three confirmed cas	ses of COVID-19.	As of 29 October	2023, a total of 3	30 361 confirmed	COVID-19
	11								
Burkina Faso	Humanitarian crisis (Sahel Region)	Grade 2	1/1/2019	1/1/2019	11/27/2023	5500000	5 500 000	-	-
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to neighboring villages and communities. Between January and July 2023, humanitarian and security partners reported the displacement of more than 42 000 people in both regions

Go to overview





Cameroon	Humanitarian crisis (Sahel Region)	Grade 2	12/31/2013	6/27/2017	11/13/2023	-	-	-	-
the most affecte	ed by the armed c state armed group	n is still facing humani onflict. Between Augus os. More than 2 200 ne	t and September thi	is year, nearly 6 000 ne	wly displaced peo	ople were registe	red in the Mokolo	district following r	epeated
Cameroon	Cholera	Grade 3	8/31/2021	10/25/2021	12/3/2023	21 222	2 084	508	-
48), three new of	cases were report	n is still ongoing and t ed with zero death, this years) and the M/F rati	s gives a cumulative						
Cameroon	COVID-19	Protracted 3	3/6/2020	3/6/2020	12/3/2023	125 242	125 242	1 974	-
		confirmed the first CO		:		5 242 cases have	· · · · · · · · · · · · · · · · · · ·	cluding 1 974 deat	
persistent fever referred to the ( and the sample	; pain when swall Chantal Biya Refer s were stored. Thi	Grade 2 eported the case of a control of a c	g, hoarse cough, hy ner sample was colle sed Diphtheria	persalivation, dysphon ected and sent to the C	ia with muffled vo entre Pasteur of C	pice, foul breath a Cameroon. Howev	nd snoring with d ver, there were no	yspnea. He was im reagents to test fo	mediately
Cameroon	Measles	Ungraded	4/2/2019	1/1/2023	12/3/2023	6 682	6 535	31	-
		nding 3 December 202 .5%) have been reporte		l measles cases have b	een reported in C	ameroon, includi	ng 476 lgM+ and	6 059 epidemiolog	ically linked.
Cameroon	Мрох	Protracted 2	2/24/2022	1/1/2022	11/30/2023	45	45	3	6.70%
	oorted in the coun	2023, 113 suspected o try.	ases of Mpox, inclu	ding 27 laboratory-cor	nfirmed and no de	eaths have been r	eported. In 2022,	18 confirmed case	s and three
Cameroon	Poliomyelitis (cVDPV2)	Grade 2	5/23/2019	1/1/2020	12/6/2023	13	13	0	0.00%
	-	this week. There were	-	1/23/2023	11/19/2023	, and seven cases		5. 5	10.400/
test (PRNT) bet had unknown va	tween weeks 4 and accination status.	Ungraded 3, Cameroon recorded d 46 of 2023. Of the 48 These cases were repo	PCR- and PRNT-po orted from 40 distric	ises of yellow fever. The esitive cases, 22 (46%) ets in the Center, Littori	is is in addition to were unvaccinate	the 42 cases tha ed against yellow	fever, 17 (35%) \	by plaque reduction were vaccinated, ar	d 9 (19%)
Cape Verde	COVID-19	Protracted 3	3/19/2020	3/18/2020	7/8/2023	64 143	64 143	414	0.60%
The first confirm		se was reported in Cap	e Verde on 19 Marc	<u>:                                    </u>	)23, 64 143 confi	rmed COVID-19 o	cases, including 4	14 deaths and 63 6	45 recoveries,
Cape Verde	Dengue	Grade 3	11/6/2023	11/6/2023	12/3/2023	222	59	0	1.20%
in the city of Pra	aia, Santiago Islar	ry of Health Surveilland nd, Cabo Verde. The sa o death. As of 3 Decem	me day three more s	suspected cases were	reported from the	Central Hospital	Dr. Agostinho Ne	to giving a total of	
Central African Republic	Humanitarian crisis	Protracted 2	12/11/2013	12/11/2013	11/20/2023	-	-	-	-
inhabitants, mo	re than half (3.4 r	R) has been facing hun nillion), need humanita inly from Chad and Sud	rian assistance in 2						
Central African Republic	COVID-19	Protracted 3	3/14/2020	3/14/2020	6/18/2023	15 404	15 404	113	0.70%
		ation announced the co 15 252 recoveries wer		rst COVID-19 case in ti	ne Central African	Republic on 14 M	March 2020. As of	f 18 June 2023, a t	otal of 15 404
Central African Republic	Measles	Ungraded	3/13/2022	1/1/2023	11/26/2023	3 027	1 145	4	-
	oi-week 47, 2023.	the country recorded 3	3 027 suspected cas	es and 4 deaths. Since	the start of 2023	, 15 out of 35 hea	alth districts (43%	) experienced mea	sles outbreak.
At the end of ep									
At the end of ep Central African Republic	Мрох	Protracted 2	3/3/2022	3/4/2022	11/26/2023	35	35	1	2.90%
Central African Republic From 4 March 2	Мрох	ber 2023, 35 confirme							



		oorted in the country the 2019 from several ou						2021, four cVDPV	2 cases were
Central African Republic	Yellow Fever	Ungraded	6/12/2023	1/1/2023	11/26/2023	5	5	0	0.00%
There is an on were recorded	going yellow fever for the following (	outbreak in the Centra districts : Sangha-Mba	al African Republic (C éré (1), Berbérati (1)	AR). This year from w , Bambari (2), and Bo	veek 1 through we ssembélé (1). The	eek 47 (ending 26 number of the c	November ) , fivonfirmed cases the	e confirmed cases nis year has been r	of yellow feve eviewed.
Chad	Humanitarian crisis (Sahel region)	Grade 2	2/11/2022	3/1/2016	11/12/2023	-	-	-	-
crisis in Sudar	as it hosts 49.6%	s, over 570 000 Sudar of Sudanese refugees Ennedi East, Ouaddaï, S	s, with thousands of						
Chad	COVID-19	Protracted 3	3/19/2020	3/19/2022	5/3/2023	7 822	7 822	194	2.50%
he first confir 94 deaths.	med COVID-19 ca	ise was reported in Cha	ad on 19 March 2020	). As of 26 April 2023,	a total of 7 822 c	confirmed COVID	-19 cases were re	ported in the coun	try, including
Chad	Dengue	Grade 3	8/5/2023	8/6/2023	10/1/2023	1 342	41	1	-
had health au	thorities declared	the dengue outbreak o	fficially on 15 Augus		er 2023, a total of	f 1 342 suspected	cases, 41 confir	·	are reported
Chad	Measles	Ungraded	5/24/2018	1/1/2023	12/10/2023	10 552	820	8	0.10%
		10 December), 10 552 ted IgM+ for rubella.	suspected cases and	l eight measles-related	I deaths (CFR 0.1	%) were reported	I in Chad. A total o	of 820 samples tes	ted IgM
Chad	Poliomyelitis (cVDPV2)	Grade 2	10/18/2019	9/9/2019	12/13/2023	204	204	0	0.00%
ne cVDPV2 c f Chad , 44 c\	ase was reported /DPV2 cases were	this week, bringing the reported in 2022, 106	total number of case cVDPV2 cases were	es this year to 45. This e reported in 2020 fror	s latest reported on three different o	case had onset of outbreaks and nir	paralysis on 15 S ne others were rep	September, from Sa ported in 2019.	llamat region
Comoros	COVID-19	Protracted 3	4/30/2020	4/30/2020	10/12/2023	9 109	9 109	160	1.80%
he first case on the country.	of confirmed COVI	D-19 was notified on 3	30 April 2020 in Com	oros. As of 23 May 20	023, a total of 9 10	09 confirmed CO	VID-19 cases, inc	luding 160 deaths,	were reporte
Congo	COVID-19	Protracted 3	3/14/2020	3/14/2020	5/14/2023	25 195	25 195	389	1.60%
	nt of Congo anno orted in the countr	unced the confirmation y.	of the first case of C	COVID-19 in Congo on	14 March 2020.	As of 14 May 202	23, a total of 25 19	95 cases, including	389 deaths,
Congo	Мрох	Protracted 2	5/23/2022	8/22/2023	11/27/2023	26	21	5	19.20%
rom 22 Augu	st to 27 November	r 2023, 21 laboratory-c	confirmed cases of N	lpox, 5 probable cases	and 5 deaths we	ere reported .		,	
Congo	Poliomyelitis (cVDPV1)	Grade 2	3/21/2023	3/1/2023	12/13/2023	1	1	-	-
	<del></del>	oliovirus type 1 (cVDP	<del>, '</del>	·	·		-		1
Côte d'Ivoire	COVID-19	Protracted 3	3/11/2020	3/11/2020	12/17/2023	88 354	88 354	835	0.90%
	1	88 354 confirmed case	·		-			}	0.700/
Côte d'Ivoire in outbreak of 1.8%).	Dengue Dengue fever is o	Grade 3 ongoing in Ivory Coast.	7/10/2023 A total of 3895 case	6/19/2023 s have been reported	12/3/2023 from 19 June to 3	3895 3 December 2023	321 , with 321 confirm	27 ned cases and 27 o	0.70% deaths (CFR:
Democratic Republic of the Congo	Humanitarian crisis	Grade 3	12/20/2016	4/17/2017	12/9/2023	-	-	-	-
n the latest re vith 97 516 pe	ople affected so f	: k 49), the humanitaria ar, including 71 388 in nces in their respective	ternally displaced per						
Democratic Republic of the Congo	Cholera	Grade 3	1/16/2015	1/1/2023	11/12/2023	62 803	1 866	715	-
as of 12 Nove	mber 2023, the co	untry had reported 62	803 cumulative case	s, with 715 deaths (CI	R. 1.1%) across	12 affected provi	inces.		
Democratic Republic of the Congo	COVID-19	Protracted 3	3/10/2020	3/10/2020	8/19/2023	96 230	96 230	1 468	-
Since the start	of the COVID-19	outbreak, declared on	10 March 2020, a tot	al of 96 230 confirme	d cases, including	1 468 deaths, h	ave been reported	as of week 33 of 2	2023.
Democratic Republic of the Congo	Measles	Ungraded	10/12/2021	1/1/2023	10/1/2023	247 160	3 429	4 567	-
week 39, (endi	ng 1 October), a t	g in the Democratic Re otal of 247 160 suspec ere IgM positive for rul	ted measles cases a						

Democratic Republic of the Congo	Мрох	Protracted 2	3/30/2019	1/1/2023	12/3/2023	13 357	714	607	-
In The Democra	tic Republic of th	e Congo , this year, fro	m January to 3 Dec	ember, a total of 714 c	onfirmed cases a	re reported out of	13 357 suspecte	ed cases and 607 re	ated deaths
Democratic Republic of the Congo	Poliomyelitis (cVDPV1)	Grade 2	8/27/2022	8/27/2022	12/13/2023	241	241	0	0.00%
Four cVDPV1 ca in October 2023		d this week, from Tang	anyika, bringing the	total number of cVDP	V1 cases for 202	3 to 94. These mo	ost recently repor	ted cases had onset	of paralysis
Democratic Republic of the Congo	Poliomyelitis (cVDPV2)	Grade 2	2/26/2021	1/1/2022	12/13/2023	482	482	0	0.00%
Once cVDPV2 c cases in 2022.	ase was reported	this week, from Nord	Ubangi, with onset o	of paralysis on 5 Septe	mber 2023, bring	ing the total num	ber of cVDPV2 ca	ases for the year to	110 and 372
Equatorial Guinea	COVID-19	Protracted 3	3/14/2020	3/14/2020	7/26/2023	17 229	17 229	183	-
	Health and Welfa 33 deaths and 16		confirmed COVID-1	9 case on 14 March 20	20. As of 23 Febr	ruary 2023, a tota	l of 17 229 cases	have been reported	in the
Eritrea	COVID-19	Protracted 3	3/21/2020	3/21/2020	5/3/2023	10 189	10 189	103	1.00%
		se was reported in Erit s have recovered from		20. As of 30 October 20	022, 10 189 confi	rmed COVID-19	cases with 103 de	eaths were reported	in the
Eritrea	Poliomyelitis (cVDPV2)	Grade 2	6/2/2022	6/7/2022	12/15/2023	2	2	0	0.00%
No new case of National Polio L	cVDPV2 in 2023 aboratory.	as at week 50. One cas	se was reported in 2	022, and another one r	eported in 2021.	The latter case w	as confirmed on 2	2 June 2022 by the	Ethiopian
Eswatini	COVID-19	Protracted 3	3/13/2020	3/13/2020	10/23/2023	75 052	75 052	1 427	1.90%
The first case of deaths.	COVID-19 was c	onfirmed in the kingdo	om of Eswatini on 17	<sup>7</sup> March 2020. As of 18	October 2023, a	total of 75 052 ca	ases have been re	eported with 1 427 a	ssociated
Ethiopia	Floods	Ungraded	11/8/2023	11/2/2023	12/13/2023	-	-	-	
		ls have caused flood e beople, mostly from Sc		more than 56 woredas	in five regions af	fecting over 1 43	1 347 people and	displaced over 682	197 people
Ethiopia	Food insecurity (Horn of Africa crisis)	Grade 3	2/17/2022	1/1/2022	11/20/2023	-	-	-	-
Warning Systen	ns Network (FEWS	S NET) outlook update	. Furthermore, forec	Phase 5) are expected t asted above-average ra Iso risks such as displa	ainfall driven by E	I Niño and positiv	re Indian Ocean D		
	Humanitarian		reproduction, but a	130 H3K3 3ddH d3 dispit	locificiti, crop loc	isos, and investori	( uiouaouo		
Ethiopia	crisis (Northern Ethiopia)	Grade 3	11/4/2020	11/4/2020	12/14/2023	-	-	-	-
and escalating f		espite the signing of a		ural and manmade chal 2022, intended to resc					
Ethiopia	Cholera	Grade 3	9/17/2022	9/17/2022	12/15/2023	28 550	28 550	428	1.50%
Since the index	case in August 20	022, there have been 2	8550 cholera cases	as at week 50 of 2023.	Within this same	e period, there ha	ve been 428 deatl	hs (CFR 1.46%).	
Ethiopia	COVID-19	Protracted 3	3/13/2020	3/13/2020	12/15/2023	501207	501 207	7574	1.50%
recoveries. A to	tal of 709 COVID-		med cases were rep	orted in Epi-week 48 (2					
Ethiopia	Dengue	Grade 3	5/16/2023	5/10/2023	12/18/2023	19 995	19 995	17	0.00%
		(Logia and Mille) in the		heastern Ethiopia have orted.	been experiencir	ig an outbreak of	dengue fever. As	of 3 December 202	3, a total of
Ethiopia	Malaria	Ungraded	1/31/2023	1/1/2023	11/26/2023	-	-	-	
Malaria outbrea to the previous	week (week 46) r	egarding the number o	f cases reported. Of	vember), 111 360 case the total cases of the al of 3 183 310 cases w	week, 95.58% of				
Ethiopia	Measles	Ungraded	4/13/2017	1/1/2023	12/18/2023	26 000	26 000	203	0.80%
Since August 12	2, 2023, a total of	237 Woredas across a	i Ill regions in Ethiopi	a have been affected by ave been reported, a Ca	measles outbre	ak, Currently outb			
Ethiopia	Poliomyelitis (cVDPV2)	Grade 2	6/24/2019	5/20/2019	12/15/2023	69	69	0	0.00%
			^	4	†				



	0000 +bara bara	been a total of CO rena	utad assas of sivaul	ating vessions devised	naliavirua tuna 0 /a	VDDVO\ There		artad in 0000 an	in 0001
		been a total of 69 repo n 2019. It's important				CVDPV2). There v	vas one case repo	orted in 2022, on	e case in 2021,
Gabon	COVID-19	Protracted 3	3/12/2020	3/12/2020	10/22/2023	48 992	48 992	307	0.60%
		of Health announced to reported. No New cas			e in the country. As	of 9 October 20	23, a total of 48 9	992 cases, includi	ng 307 deaths
Gambia	COVID-19	Protracted 3	3/17/2020	3/17/2020	9/21/2023	12 684	12 684	372	2.90%
A total of 12 68	4 cummulative ca	ases have been reporte	d with 372 deaths(C	CFR=2.9%). Noteably,	58% of confirmed	cases are male.			
Ghana	COVID-19	Protracted 3	3/12/2020	3/12/2020	9/21/2023	171 665	171 665	1 462	-
As at week 36 c and Tema respe		as had a cummulative 1	171 665 cases and 1	462 deaths(CFR 0.99	%). The most recer	it cases (5) were	from the Bibiani-	Anhwiaso-Bekwa	i, Ayawaso West
Ghana	Мрох	Protracted 2	6/8/2022	5/24/2022	12/19/2023	133	133	5	3.80%
s of week 48,	there have been 1	33 confirmed and 5 de	eaths(CFR 3.8%) rep	ported from 261 Distr	icts.			1	
Ghana	Poliomyelitis (cVDPV2)	Grade 2	8/23/2019	7/23/2019	12/19/2023	34	34	-	-
	orted a cVDPV2 o documented as of	utbreak in 2019. The c week 50 2023.	ountry has a cumula	ative of 34 cVDPV2 AF	FP cases. 19 cVDP	V2 cases were do	ocumented in 201	9, 12 in 2020 and	d 3 in 2022. No
Guinea	COVID-19	Protracted 3	3/13/2020	3/13/2020	5/3/2023	38 462	38 462	467	1.20%
	Health in Guinea ve been reported i	announced the first co in the country.	onfirmed case of CO'	VID-19 on 13 March 2	2020. As of 3 May 2	2023, a total of 3	8 462 cases, inclu	uding 37 407 reco	overed cases and
Guinea	Diphtheria	Grade 2	8/21/2023	7/4/2023	10/4/2023	456	14	57	12.50%
onfirmed case	s. A total of 57 de	en reported in the Kan eaths have been record cases (429 cases, 94 %	ed. Of the reported						
Guinea-Bissau	COVID-19	Protracted 3	3/25/2020	3/25/2020	4/9/2023	9 614	9 614	177	1.80%
		of Health of Guinea Bis coveries and 177 deat		st COVID-19 confirme	ed case in the coun	try. As of 9 April	2023, the country	y has reported 9 (	614 confirmed
Kenya	Floods	Ungraded	11/9/2023	11/8/2023	11/28/2023	-	-	-	
and overflow of	f rivers, displacing ove rainfall with a Food	menon continues to be g people, causing deatl total of 93 645 house	ns and properties de	estruction including ro	ads and household	ls. As of 28 Nove	ember, it is estima	ited that 33 coun	ties have
Vanua	insecurity	Crada 2	0/17/0000	1/1/0000	11/00/0000				
Kenya	insecurity (Horn of Africa crisis)	Grade 3	2/17/2022	1/1/2022	11/20/2023	-	-	-	-
Climate forecas by a strong El N hat the above-a	(Horn of Africa crisis) its indicate that th Niño event. The ra average rainfall w	e October to Decembe ins are expected to im ill result in flooding in	r 2023 short rains in prove forage, pastur the flood-prone part	n northern and easter re, and water resource	n Kenya will likely h s in pastoral areas	, supporting lives	stock body. Howe	ver, there is an el	evated risk
Climate forecas by a strong El N hat the above-a	(Horn of Africa crisis) its indicate that th Niño event. The ra average rainfall w	e October to Decembe ins are expected to im	r 2023 short rains in prove forage, pastur the flood-prone part	n northern and easter re, and water resource	n Kenya will likely h s in pastoral areas	, supporting lives	stock body. Howe	ver, there is an el	evated risk
Climate forecas by a strong EI N hat the above-a Crisis (IPC Phas Kenya As of 31 Augus	(Horn of Africa crisis)  Its indicate that the street of the Africa crisis of the street of the Africa crisis of the Africa crisis)  Anthrea crisis of the Africa crisis of the A	e October to Decembe ins are expected to im ill result in flooding in oral lean season conclu	r 2023 short rains in prove forage, pastur the flood-prone part des ns were reported. Se	n northern and easterne, and water resource its of the country and of 4/10/2023 eventeen of these case	n Kenya will likely his in pastoral areas outbreaks of disease 10/23/2023 and three deaths	, supporting lives like Rift Valley  20 s were reported in	stock body. Howe y Fever in pastora n April-May 2023	ver, there is an el I areas. Pastoral	evated risk areas remain in 15.00%
Climate forecas y a strong El N hat the above-a crisis (IPC Phas Kenya s of 31 Augus	(Horn of Africa crisis)  Its indicate that the street of the Africa crisis of the street of the Africa crisis of the Africa crisis)  Anthrea crisis of the Africa crisis of the A	e October to Decembe ins are expected to im ill result in flooding in oral lean season conclu Grade 2 re 20 cases and 3 deatl	r 2023 short rains in prove forage, pastur the flood-prone part des ns were reported. Se	n northern and easterne, and water resource its of the country and of 4/10/2023 eventeen of these case	n Kenya will likely his in pastoral areas outbreaks of disease 10/23/2023 and three deaths	, supporting lives like Rift Valley  20 s were reported in	stock body. Howe y Fever in pastora n April-May 2023	ver, there is an el I areas. Pastoral	evated risk areas remain in 15.00%
climate forecas y a strong EI N hat the above-a crisis (IPC Phas Kenya as of 31 Augus merged in Kan Kenya	(Horn of Africa crisis)  Its indicate that the Holino event. The rase average rainfall with se 3) as the pasto Anthrax  It 2023, cumulative and ara sub-county,  Cholera  Teak has been ong	e October to Decembe ins are expected to im ill result in flooding in oral lean season conclu Grade 2 ee 20 cases and 3 death all cases were linked t	r 2023 short rains in prove forage, pastur the flood-prone particles  as were reported. So the handling of an 10/19/2022 cotober 2022. As	n northern and easterne, and water resource is of the country and of the country and of the country and of the country and of the case infected animal. No resource to 10/5/2022 of 22 October 2023,	n Kenya will likely his in pastoral areas outbreaks of disease 10/23/2023 as and three deaths new cases have been 12/18/2023 a total of 12 121 ca	, supporting lives les like Rift Valley 20 swere reported in en reported after 12 121	stock body. Howe / Fever in pastora n April-May 2023. August. 577	ver, there is an el I areas. Pastoral 3 In August 2023,	evated risk areas remain in 15.00% three new case:
climate forecas y a strong EI N hat the above-a crisis (IPC Phas Kenya as of 31 Augus merged in Kan Kenya	(Horn of Africa crisis)  Its indicate that the Holino event. The rase average rainfall with se 3) as the pasto Anthrax  It 2023, cumulative dara sub-county,  Cholera  Teak has been ong	e October to Decembe ins are expected to im ill result in flooding in oral lean season conclu Grade 2 re 20 cases and 3 deatl all cases were linked to Grade 3 loing in Kenya since 26	r 2023 short rains in prove forage, pastur the flood-prone particles  as were reported. So the handling of an 10/19/2022 cotober 2022. As	n northern and easterne, and water resource is of the country and of the country and of the country and of the country and of the case infected animal. No resource to 10/5/2022 of 22 October 2023,	n Kenya will likely his in pastoral areas outbreaks of disease 10/23/2023 as and three deaths new cases have been 12/18/2023 a total of 12 121 ca	, supporting lives les like Rift Valley 20 swere reported in en reported after 12 121	stock body. Howe / Fever in pastora n April-May 2023. August. 577	ver, there is an el I areas. Pastoral 3 In August 2023,	evated risk areas remain in 15.00% three new case:
limate forecas y a strong EI N nat the above-a risis (IPC Phase Kenya s of 31 Augus merged in Kan Kenya cholera outbr ave been repo Kenya	(Horn of Africa crisis)  Its indicate that the liño event. The rase average rainfall with se 3) as the pasto Anthrax  It 2023, cumulative dara sub-county, Cholera  Teak has been ong rted in 27 affected COVID-19  O20, the Ministry	e October to Decembe ins are expected to im ill result in flooding in oral lean season conclu Grade 2 re 20 cases and 3 deatl all cases were linked t Grade 3 joing in Kenya since 26 d Counties. No new cas	r 2023 short rains in prove forage, pastur the flood-prone part des  ns were reported. Set to the handling of an 10/19/2022 6 October 2022. As ses were reported as 3/13/2020 the confirmation of o	n northern and easternee, and water resource to of the country and of	n Kenya will likely his in pastoral areas outbreaks of disease and three deaths new cases have been seen at total of 12 121 cars.  10/24/2023	supporting lives like Rift Valley  20 swere reported in reported after  12 121 ases, with 577 co	h April-May 2023. August. 577 Infirmed by cultur	ver, there is an el l areas. Pastoral a l area	15.00% three new case:
limate forecas y a strong EI N nat the above-a risis (IPC Phase Kenya s of 31 Augus merged in Kan Kenya cholera outbr ave been repo Kenya	(Horn of Africa crisis)  Its indicate that the liño event. The rase average rainfall with se 3) as the pasto Anthrax  It 2023, cumulative dara sub-county, Cholera  Teak has been ong rted in 27 affected COVID-19  O20, the Ministry	e October to Decembe ins are expected to im ill result in flooding in oral lean season conclu Grade 2 e 20 cases and 3 deatl all cases were linked to Grade 3 loing in Kenya since 26 d Counties. No new case Protracted 3	r 2023 short rains in prove forage, pastur the flood-prone part des  ns were reported. Set to the handling of an 10/19/2022 6 October 2022. As ses were reported as 3/13/2020 the confirmation of o	n northern and easternee, and water resource to of the country and of	n Kenya will likely his in pastoral areas outbreaks of disease and three deaths new cases have been seen at total of 12 121 cars.  10/24/2023	supporting lives like Rift Valley  20 swere reported in reported after  12 121 ases, with 577 co	h April-May 2023. August. 577 Infirmed by cultur	ver, there is an el l areas. Pastoral a l area	15.00% three new case:
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Liberia	COVID-19	Protracted 3	3/16/2020	3/16/2020	9/21/2023	8 161	8 161	295	3.60%
		20, when the first case ted, and there are curr		Liberia, until July 17, 2 ses in the country.	023, there have be	een 8 161 confirm	ned cases and 29	4 deaths. No nev	r confirmed
Liberia	Lassa Fever	Ungraded	3/3/2022	1/6/2022	10/30/2023	353	96	27	7.60%
From January 6	6, 2022, to week 4	2 of 2023, a cummula	tive total of 353 cas	es have been reported	with 96 confirmed	d and 27 deaths.(	CFR 7.9%).		
Liberia	Measles	Ungraded	2/3/2022	12/13/2021	10/30/2023	12967	12 298	95	0.70%
		ed on 13 December 20 County has recorded		n 12 967 suspected cas r of deaths (69).	ses, 12 298 confir	med cases, and 9	5 deaths with CF	R 0.7% in 15 affe	ected Counties a
Liberia	Мрох	Protracted 2	7/21/2022	7/23/2022	12/18/2023	119	7	0	0.00%
	ed its first case of Nimba counties.	Mpox on 23 July 202	2, with a cumualtive	total of 119 suspected	d cases reported a	nd 7 confirmed.	The most recent (	case was in week	42 of 2023 in
Madagascar	Malnutrition crisis	Protracted 2	7/1/2021	1/1/2021	10/23/2023	2 200 000	-	-	-
				000 children with acu regions, where two out				nt for acute malr	utrition this yea
Madagascar	COVID-19	Protracted 3	3/20/2020	3/20/2020	10/23/2023	68 352	68 352	1 425	2.20%
The Madagasca been reported i		th confirmed the first	COVID-19 case on 2	20 March 2020. As of 1	3 October 2023, a	total of 68 352 o	confirmed cases,	including 1 425 (	deaths, have
Malawi	Anthrax	Grade 2	11/27/2023	11/28/2023	11/28/2023	1	1	0	0.00%
	1	:	-	med from Mzimba dist	-	·			
Malawi	Cholera	Grade 3	3/3/2022	3/3/2022	10/15/2023	59 040	59 016	1 768	-
	rted since the ons	ed Cholera cases since set of the outbreak.	¥	Machinga district. As	+				aths (CFR 3.0%)
Malawi	COVID-19	Protracted 3	4/2/2020	4/2/2020	8/27/2023	88 905	88 905	2 686	-
On 2 April 2020 686 deaths.	), the president of	Malawi announced the	e first confirmed ca	ses of COVID-19 in the	country. As of 20	December 2023,	the country has	89,162 confirme	d cases with 2
Malawi	Measles	Ungraded	11/6/2023	11/6/2023	11/6/2023	32	11	2	6.30%
				se on confirmed measle ted cases including 11					
Malawi	Poliomyelitis (WPV1)	Grade 2	1/31/2022	2/1/2022	12/18/2023	1	1	0	0.00%
				n the date of onset of p participating in the mul					
Mali	Humanitarian crisis (Sahel region)	Grade 2		9/11/2017	12/19/2023	7500000	-	-	-
	funding secured.			ecurity. However, the c DPs in the regions of K					
Mali	Chikungunya	Ungraded	10/2/2023	9/26/2023	10/5/2023	1	1	0	0.00%
		s announced that a cas		nas been confirmed by Liberté in the Kayes h					3 in commune
Mali	COVID-19	Protracted 3	3/25/2020	3/25/2020	10/16/2023	33 159	33 159	743	2.20%
		: of Health of Mali repor y, including 743 death:		19 confirmed cases in	the country. As of	16 October 2023	3, a total of 33 15	9 confirmed CO\	/ID-19 cases
Mali	Dengue	Grade 3	9/12/2023	8/31/2023	10/29/2023	494	62	1	0.00%
onset of sympt	oms on 31 Augus	t 2023. On 9 September	er 2023, the sample	ngue in a 44-year-old for collected from the case	se was confirmed	positive for dengi	ue virus by real-ti	me polymerase of	hain reaction
Mali	Measles	Ungraded	2/20/2018	of 29 October 2023, 4 1/1/2023	94 suspected case 9/24/2023	s, including 62 c	ontirmed cases a	nd one death hav	/e been reported
		-	<b>!</b>	d measles cases were				U	0.00 /6
Mali	Zika	Ungraded	12/7/2023	12/10/2023	12/12/2023	OTT WOTE INDUITA	12	0	-
The MoH confi	rmed 12 cases of	Zika including two co- ctious and tropical disc	infections (Dengue-	Zika) by the molecular f Point G hospital in Ba	biology and geno		f the University (	Linical Research	Center (UCRC).
Mauritania	COVID-19	Protracted 3	3/13/2020	3/13/2020	7/2/2023	63 712	63 712	997	1.70%
	<u> </u>	i	<u> </u>	<u> </u>					
The governmen	nt of Mauritania ar	inounced its first confi	rmed COVID-19 cas	se on 13 March 2020. <i>i</i>	As of 2 July 2023.	a total of 63 712	cases. including	997 deaths and (	32 713 recovered



## WEEKLY BULLETIN ON OUTBREAKS AND OTHER WEEK 50: 18 - 24 DECEMBER 2023

Mauritania	Crimean- Congo haemorrhagic fever (CCHF)	Ungraded	7/27/2023	7/17/2023	9/17/2023	2	2	1	50.00%
Nouakchott No Dakar, Senegal,	rth region who ha , on 26 July 2023. e of symptom ons	d reportedly been infe His results returned p	cted in the Ouad Nag ositive for CCHF on	Mauritania since the beg ga district of Trarza regi 27 July 2023. The seco sitive for CCHF by RT-F	ion and developed and case is a 23-y	d a febrile illness rear-old female fr	on 17 July 2023. om Libheir localit	He was tested and y in Barkeol distric	died in t of Assaba
Mauritania	Diphtheria	Grade 2	10/26/2023	10/8/2023	10/19/2023	8		4	50.00%
		nian Ministry of Healtl e been reported as of		d cases of diphtheria. T	he first case had	onset of symptor	ns on 8 October 2	2023. A total of eig	ht suspected
Mauritania	Measles	Ungraded	3/7/2023	12/26/2022	9/17/2023	730	269	5	0.70%
(Kaédi, Ksar, M	onguel et Rosso).	As of 17 September 2	2023, the country ha	otal of 20 districts have s reported 730 suspect deaths, have been repo	ted cases of meas	sles (269 confirm			
Mauritania	Rift Valley fever (RVF)	Ungraded	11/27/2023	12/1/2023	12/1/2023	1	1	0	0.00%
				ry of Ejare in Radhi mui ulth Center where RVF v		orted in a a 32-ye	ar-old male shepl	herd in Ejare, Radh	i. He
Mauritius	COVID-19	Protracted 3	3/18/2020	3/18/2020	12/20/2023	309 959	309 959	1 056	0.40%
	f Mauritius annou ave been reported		sitive cases of COVII	D-19 on 18 March 202	0. As of 20 Decen	nber 2023, a total	of 306 959 confi	rmed COVID-19 ca	ises, including
Mozambique	Humanitarian crisis in Cabo Delgado	Protracted 2	1/1/2020	10/12/2023	8/6/2023	-	-	-	-
				ase 1) outcomes as the sis (IPC Phase 3) outco					
Mozambique	Cholera	Grade 3	9/14/2022	10/12/2023	12/19/2023	38 793	38 793	153	-
	olera outbreak in t 11 affected provin		liassa province on 1	4 September 2022. As	of 07 December	2023, 38 793 cho	olera cases have b	een recorded with	153 deaths
Mozambigue	COVID-19	Protracted 3	3/22/2020	3/22/2020	10/23/2023	233 654	233 654	2 249	1.00%
	imed COVID-19 ca ing 2 249 deaths.	se was reported in Mo	zambique on 22 Mai	rch 2020. As of 18 Oct	ober 2023, a total	of 233 654 confi	irmed COVID-19 o	cases were reporte	d in the
Mozambique	Poliomyelitis (cVDPV2)	Grade 2	12/7/2018	1/1/2021	10/23/2023	6	6	0	0.00%
		dication Initiative, no ted in 2021. No cVDP		accine-derived poliovir 2023	us type 2 (cVDPV	2) was reported t	this week. The nu	mber of cases in 20	022 remains
Mozambique	Poliomyelitis (WPV1)	Grade 2	5/17/2022	5/18/2022	12/18/2023	8	8	0	0.00%
virus and is link had onset of pa	ked to the virus de eralysis on 25 Mar	etected in Malawi (for v och 2022. Her stool sar	which outbreak respondered	s collected in late Marc onse vaccinations are o I on 1 April and 2 April As of 17 December 202	ongoing in Malaw 2022, and sent to	i and neighbourin the laboratory o	ng countries). The n 4 April 2022. A	patient, a 12-year coording to the Glo	old female,
Namibia	COVID-19	Protracted 3	3/14/2020	3/14/2020	12/19/2023	172 239	172 239	4 104	-
The first case o	of COVID-19 was o	letected in Namibia on	the 14 March 2020.	As of 19 December 20	)23, a total of 172	239 confirmed o	cases with 4 104 o	deaths have been r	eported.
Niger	Humanitarian crisis (Sahel region)	Grade 2	2/1/2015	2/1/2015	11/15/2023	4 300 000	4 300 000	-	-
a significant ris	e in the need for l	numanitarian assistano	e. On 28 July, Niger	gh, with an increase fro experienced a military sk of their situation det	coup and this ma	arks the third Sah	el country in less		
Niger	COVID-19	Protracted 3	3/19/2020	3/19/2020	5/1/2023	9 513	9 513	315	3.30%
From 19 March	2020 to 1 May 2	023, a total of 9 513 ca	ases with 315 deaths	s have been reported a	cross the country.	. A total of 9 203	recoveries have b	een reported from	the country.
Niger	Diphtheria	Grade 2	8/28/2023	7/4/2023	11/26/2023	2 346	123	128	5.50%
				Zinder region. The first Ith response activities			3. As of 26 Nover	mber 2023, a total	of 2346
Niger	Measles	Ungraded	4/5/2022	1/1/2022	10/16/2023	1 802	567	0	-
these cases, 57	'% (n=578) were l			ed measles cases were =66) of the districts re					
Niger	Meningitis	Ungraded	12/7/2022	10/31/2022	10/16/2023	2 261	736	129	-
	_								



Nigeria Mpox Protracted 2 1/31/2022 1/1/2022 7/9/2023 843 843 9 1.10%  From 1 January to 9 July 2023, Nigeria has reported 843 monkeypox confirmed cases with nine deaths (CFR 1.1%).  Nigeria Poliomyelitis (cVDPV2) Grade 2 6/1/2018 1/1/2022 10/25/2023 74 67  No cVDPV2 case was reported this week. There have been 26 cVDPV2 cases reported this year and 48 cases in 2022.  Rwanda COVID-19 Protracted 3 3/14/2020 3/14/2020 2/26/2023 133 194 133 194 1468 1.10%  The Rwanda Ministry of Health announced the confirmation of the first COVD-19 case on 14 March 2020. As of 26 February 2023, a total of 133 194 cases with 1 468 deaths and 131 647 recovered cases have been reported in the country.		ngitidis identified			inder region. The first 023, 2 261 suspected o					
Humanitarian   Huma	Niger		Grade 2	1/1/2020	1/1/2021	10/25/2023	34	34	0	0.00%
People for companies   Carlos   Carlo	No new case of	cVDPV2 was rep	orted during this week	. The total number o	f cases reported in 202	22 is 16. There w	ere 18 cases repo	orted in 2021.		
week formition expole are transpetted for humanitarism and 6,8 amillion people in need of humanitarism assistance, 2.2 million (DRs, and 4.3 million people in need of flood security all Migratism (Drother Bodies).  From 1 January to 1 October 2023, a cumulative trait of 5,276 suspected forbulers cases and 100 deaths (CFR 5.1 %) were reported from 143 conditions of 2.75 suspected.  From 1 January to 1 October 2023, a cumulative trait of 5,276 suspected cholers cases and 100 deaths (CFR 5.1 %) were reported from 143 conditions of 2.75 suspected cases. Schlar ard the and the most affected agreemy are 4.75 years. Arabitative for 2.75 suspected cases. Schlar ard the and the most affected agreemy are 4.75 years. Arabitative for 2.75 suspected assistance, 2.2 million (DRs 7.75 suspected assistance).  Migeria C9VID-19 Protoacted 3 22/2/2020 22/2/2020 8/15/2023 8/15/2023 266.675 8/65 7/65.6675 3/15.5 12.0%  Migeria Diphtheria Grade 2 12/2/2022 12/2/2022 7/31/2023 4/140 1534 137 7.59%  Bethemory week 19, 2022 and week 41, 2023.4 1100 supported training cases of eightheria were reported attentions. A total of 137 distance were convoided assists of eightheria were reported attentions. A total of 137 distance were reported assists. Schlar were accorded and 158 october 100 sections. A total of 137 distance were reported assists. Schlar were reported attentions. A total of 137 distance were reported assists. Schlar were reported attentions. A total of 137 distance were reported assists. Schlar were reported attentions. A total of 137 distance were reported assists. Schlar 137 distance were reported assists. S	Nigeria	crisis (Sahel	Grade 2	10/10/2016	10/10/2016	11/15/2023	8300000	8 300 000		-
From 1 January to 1 Dictables 2022, a commission build of 3.276 suspected content cases and 102 deaths (CFR 3.1%) over reported from 145 crosses) accounted and 2.5 data.  All all suspected races, 51% are make and the most alfinized age groups and of years, collowed by 54 by some reported at applications of 2.0 data suspected races.  All all suspected races, 51% are make and the most alfinized age groups and of years, collowed by 54 by some reported at applications of 2.0 data suppercised at applications.  All										
Off all suspected cases, 51% are male and the most affected age groups are 5-years, followed by 5-14-years, Zamfan's State 1907 cases) accounts for 28% of all suspected cases, Comparatively, the number of assignation closure access and 2023 has decreased by 79% compared to what were spendor at epi-work 91 or 2022. Similarly, cumulative recorded deaths in were discussed by 77% in 2022.  The first case of COVID-19 was first detected in Migeria on 27 February 2020. As of 15 August 2023, a total of 266 675 confirmed cases with 259 953 recovered and 3 155 deaths have been reported.  Migeria Diphtheria Grade 2 12/1/2022 12/1/2022 7/31/2023 4 160 1544 1377 7.59% and 2023 are were 12/1/2024 4 169 suspected cases of diphtheria were reported from 22/202 and week 31 2/2024 4 169 suspected cases of diphtheria were reported from 22/202 and week 10/2024 4 169 suspected cases of diphtheria were reported from 22/202 and week 10/2024 4 169 suspected cases of diphtheria were reported from 22/202 and week 10/2024 4 169 suspected cases of diphtheria were reported from 22/202 and week 10/2024 4 169 suspected cases of diphtheria were reported from 22/202 and week 10/2024 4 169 suspected cases of diphtheria were reported from 22/2024 and week 10/2024 4 169 suspected cases of diphtheria were reported dates. 1544 were confirmed, including 87 suboratory-confirmed. 1869 eight-innex cases. 2002 and week 10/2023 intelligent produced from 22/2024 4 160 2 160	Nigeria	Cholera	Grade 3		1/1/2023	10/1/2023	3 276		102	3.10%
The first case of COVID-19 was first detected in Nigeria on 27 February 2020. As of 15 August 2023, a total of 266 675 confirmed cases with 259 953 recovered and 3 155 deaths with extended proported.  Wigeria Dipitheria Grade 2 12/1/2022 12/1/2022 7/31/2023 4 160 1 534 137 7.50% Detectives week 19, 2022 and week 31, 2023, 4 100 suspected cases of dipitheria were reported from 27 states in Nigeria. Kanno (3 233), vibe (477), and Kaisna (132) States have groupdred that not cases. A Natal of 137 deaths were reported among ordinaries of cases (GFR 7.5%). Of suspected cases, 1534 were confirmed, including 87 laboratory-confirmed. See (GFR 7.5%). Of suspected cases, 1534 were confirmed, 156 epidemiologically linked, and 1289 clinically compatible.  Wilgeria Lassa Feer Ungeried 11/82/203 1/1/2023 9/1/2023 7/352 1 1068 181 In week 37, 2023. Nigeria recorded 79 cases of Lassa fever, with zero deaths. From week 17, 2023 A, a cumulative total of 7 352 suspected cases were reported across 26 states and 11/2 local power and across 26 states and 11/2 local power and 11/2 lo	Of all suspected Comparatively,	d cases, 51% are the number of su by 77% in 2023.	male and the most affe spected cholera cases	cted age groups are	<5 years, followed by	5-14 years. Zami	fara State (907 ca	ses) accounts for	r 28% of all suspect	ed cases.
Name										
Between yeak 19, 2022 and yeak 31, 2022, 4 160 suspected cases of dipithbria were reported from 27 states in Nigeria. Kano (3 23), Yobe (477), and Katsiva (132) States have exported the most cases. A foot of 137 deaths were recorded among confirmed cases (GP 7.5%), Of suspected cases, 1 534 vere confirmed, including 87 laboratory-confirmed.			irst detected in Nigeria	on 27 February 202	0. As of 15 August 202	23, a total of 266	675 confirmed ca	ases with 259 953	3 recovered and 3 1	55 deaths
Reported the most cases. A total of 137 deaths were recorded among confirmed cases (CFR 7.5%). Of suppected cases, 1 534 were confirmed, including 87 laboratory-confirmed, 18 epidemiologically linked, and 1 259 cell-inclaily companies.    Nigeria   Lassa Fever   Ungraded   1/8/2023   1/1/2023   9/17/2023   7/352   1/352	Nigeria	Diphtheria	Grade 2	12/1/2022	12/1/2022	7/31/2023	4 160	1 534	137	7.50%
in week 37, 2023, Nigeria recorded 79 cases of Lassa fever, with zoro deaths. From week 1 to week 37, a cumulative total of 7 352 suspected cases were reported across 28 states and 112 local government areas. Among these cases, 1 068 were confirmed, and 151 are deaths (CFR 1639). The states of Ondo, Edo, and Bauch account for 75% of all confirmed cases.  Nigeria Mpox Protracted 2 1/31/2022 1/1/2022 7/9/2023 843 843 9 1.10%  From 1 January to 9 July 2023, Nigeria has reported 843 monkeypox confirmed cases with nine deaths (CFR 11%).  No cVDPV2 cases was reported this week. There have been 26 cVDPV2 cases reported this year and 48 cases in 2022.  Rwanda COVID-19 Protracted 3 3/14/2020 3/14/2020 2/26/2023 133 194 133 194 1468 1.10%  The Rwanda Ministry of Health announced the confirmation of the first COVD-19 case on 14 March 2020. As of 26 February 2023, a total of 133 194 cases with 1 468 deaths and 131 447 recovered cases have been reported in the country.  Sato Tome and COVID-19 Protracted 3 4/7/2020 4/6/2020 10/23/2023 6599 6599 80  On 6 April 2020, the Ministry of Health of Sao Tome and Principe reported the country's first case of COVID-19. As of 18 October 2023, a total of 6599 confirmed cases of COVID-19 have been reported, including 80 deaths. A total of 6 19 cases have been reported as recoveries.  Senegal Chikungunya Ungraded 6/8/2023 10/1/2023 230 230 0 0 0.00%  On 24 July 2022, the Institut Pasteur in Dakar reported an IgM-confirmed case of Chikungunya from the Sokone district. As of 10 October 2023, there were 230 confirmed cases from 36 kinglons, with Ködelugou (164) and Tambasounda (60) being the most affected.  Senegal Dengue Grade 3 1/1/4/2022 1/1/2023 10/1/2023 289 97 88 997 1971 2.20%  From 2 March 2020 to 28 April 2023, a total of 88 997 confirmed cases of Orbito-19 cases have been reported in Senegal.  Senegal Dengue Grade 3 1/1/4/2022 1/1/2023 10/1/2023 28 248 1 0.040%  In 2023, the first confirmed cases of confirmed cases of Orbito dengue are neocorded in week 1, 8 of twee week 49 (end	reported the mo	ost cases. A total	of 137 deaths were red	orded among confir						
and 112 local government areas. Among these cases, 1 068 were confirmed, and 181 are deaths (CFR 16.9%). The states of Ondo, Edo, and Bauchi account for 75% of all confirmed cases.  Nigeria Mpox Protracted 2 1/31/2022 1/1/2022 7/9/2023 843 843 9 1.10%  From 1 January to 9 July 2023, Nigeria has reported 843 monkeypox confirmed cases with nine deaths (CFR 1.1%).  Nigeria Pollomyelitis (CVDPV2) Grade 2 6/1/2018 1/1/2022 10/25/2023 74 67	Nigeria	Lassa Fever	Ungraded	1/8/2023	1/1/2023	9/17/2023	7 352	1 068	181	-
No cVDPV2 case was reported this week. There have been 26 cVDPV2 cases reported this year and 48 cases in 2022.   No cVDPV2 case was reported this week. There have been 26 cVDPV2 cases reported this year and 48 cases in 2022.   Rwanda										
No cVDPV2 cases was reported this week. There have been 26 cVDPV2 cases reported this year and 48 cases in 2022.	Nigeria	Mpox	Protracted 2	1/31/2022	1/1/2022	7/9/2023	843	843	9	1.10%
No cVDPV2 case was reported this week. There have been 26 cVDPV2 cases reported this year and 48 cases in 2022.  Rwanda COVID-19 Protracted 3 3/14/2020 3/14/2020 2/26/2023 133 194 133 194 1468 1.10%. The Rwanda Ministry of Health announced the confirmation of the first COVD-19 case on 14 March 2020. As of 26 February 2023, a total of 133 194 cases with 1 468 deaths and 131 647 recovered cases have been reported in the country.  Sao Tome and COVID-19 Protracted 3 4/7/2020 4/6/2020 10/23/2023 6 599 6 599 80 - On 6 April 2020, the Ministry of Health of Sao Tome and Principe reported the country's first case of COVID-19. As of 18 October 2023, a total of 6 599 confirmed cases of COVID-19 have been reported, including 80 deaths. A total of 6 519 cases have been reported as recoveries.  Senegal Chikungunya Ungraded 6/8/2023 6/8/2023 10/1/2023 230 230 0 0.00% On 24 July 2023, the Institut Pasteur in Dakar reported an IgM-confirmed case of Chikungunya from the Sokone district. As of 1 October 2023, there were 230 confirmed cases from six regions, with Redougoug (164) and Tambacoundae (60) being the most affected.  Senegal COVID-19 Protracted 3 3/2/2020 3/2/2020 4/28/2023 88 997 88 997 1971 2.20%. Form 2 March 2020 to 28 April 2023, a total of 88 997 confirmed cases of COVID-19 including 1 971 deaths and 87 024 recoveries have been reported in Senegal.  Senegal Dengue Grade 3 11/4/2022 1/1/2023 2/48 confirmed cases of dengue were reported, of which 58% were male. Of the reported cases, 225 (90.7%) were confirmed by PCR and 23 cases (3%) were only IgM positive for dengue. Ten cases were positive by both PCR and IgM. There were five cases of seven dengue and nea associated death. Plikine district (108 cases, 43.5%) has the highest number of dengue cases, followed by Thilogne (38 cases, 15.3%), Yeumbeul (27 cases 10.9%), Dakar center (14 cases, 5.6%) and Mibour (14 cases, 5.6%).  Senegal Measles Ungraded 7/4/2022 1/1/2023 11/1/2023 10/1/2023 2 2 0 0.00% In very death of the women in Sokone remain unspecified, and their pre	From 1 January	to 9 July 2023, N	Nigeria has reported 84	3 monkeypox confir	med cases with nine d	eaths (CFR 1.1%	).			
Privanda   COVID-19   Protracted 3   3/14/2020   3/14/2020   2/26/2023   133 194   133 194   1468   1.10%	Nigeria		Grade 2	6/1/2018	1/1/2022	10/25/2023	74	67	-	-
The Rwanda Ministry of Health announced the confirmation of the first COVID-19 case on 14 March 2020. As of 26 February 2023, a total of 133 194 cases with 1 468 deaths and 131 647 recovered cases have been reported in the country.  Sao Tome and COVID-19 Protracted 3 4/7/2020 4/6/2020 10/23/2023 6 599 6 599 80  On 6 April 2020, the Ministry of Health of Sao Tome and Principe reported the country's first case of COVID-19. As of 18 October 2023, a total of 6 599 confirmed cases of COVID-19 have been reported, including 80 deaths. A total of 6 519 cases have been reported as recoveries.  Senegal Chikungunya Ungraded 6/8/2023 6/8/2023 10/1/2023 230 230 0 0 0.00%  On 24 July 2023, the Institut Pasteur in Dakar reported an IgM-confirmed case of Chikungunya from the Sokone district. As of 1 October 2023, there were 230 confirmed cases from six regions, with Kedougou (164) and Tambacounda (60) being the most affected.  Senegal COVID-19 Protracted 3 3/2/2020 3/2/2020 4/28/2023 88 997 88 997 1971 2.20%  From 2 March 2020 to 28 April 2023, a total of 88 997 confirmed cases of COVID-19 including 1 971 deaths and 87 024 recoveries have been reported in Senegal.  Senegal Dengue Grade 3 11/14/2022 1/1/2023 12/10/2023 248 248 1 0.40%  In 2023, the first confirmed case of dengue was recorded in week 1. As of week 49 (ending 10 December), 248 confirmed cases of dengue were reported, of which 58% were male. Of the reported cases, 225 (90 7%) were confirmed by PCR and 23 cases (9%) were only IgM positive for dengue. Ten cases were positive by both PCR and IgM. There were five cases of severe dengue and one associated death. Pikine district (108 cases, 43.5%) has the highest number of dengue cases, followed by Thilogne (38 cases, 15.3%), Veumbeul (27 cases, 10.9%), Dakar center (14 cases, 5.6%) and Mbour (14 cases, 5.6%).  Senegal Measies Ungraded 7/4/2022 1/1/2023 10/1/2023 2 2 0 0 0.00%  In week 49, Senegal health authorities has reported the confirmation of two cases of measies with no deaths were reported in Senegal.  Senega	No cVDPV2 cas	e was reported th	is week. There have b	een 26 cVDPV2 case	s reported this year an	d 48 cases in 20	22.			
Sao Tome and Principe and COVID-19 Protracted 3 4/7/2020 4/6/2020 10/23/2023 6 599 6 599 80	Rwanda	COVID-19	Protracted 3	3/14/2020	3/14/2020	2/26/2023	133 194	133 194	1468	1.10%
Principe  COVID-19   Floritacted 3   47/2020   47/2020   10/20/203   0.399   0					/D-19 case on 14 Marc	h 2020. As of 26	February 2023, a	total of 133 194	cases with 1 468 do	eaths and 131
Nave been reported, including 80 deaths. A total of 6 519 cases have been reported as recoveries.    Senegal   Chikungunya   Ungraded   6/8/2023   6/8/2023   10/1/2023   230   230   0   0.00%	Sao Tome and Principe	COVID-19	Protracted 3	4/7/2020	4/6/2020	10/23/2023	6 599	6 599	80	-
On 24 July 2023, the Institut Pasteur in Dakar reported an IgM-confirmed case of Chikungunya from the Sokone district. As of 1 October 2023, there were 230 confirmed cases from six regions, with Kedougou (164) and Tambacounda (60) being the most affected.  Senegal COVID-19 Protracted 3 3/2/2020 3/2/2020 4/28/2023 88 997 88 997 1971 2.20%  From 2 March 2020 to 28 April 2023, a total of 88 997 confirmed cases of COVID-19 including 1 971 deaths and 87 024 recoveries have been reported in Senegal.  Senegal Dengue Grade 3 11/14/2022 1/1/2023 12/10/2023 248 248 1 0.40%  In 2023, the first confirmed case of dengue was recorded in week 1. As of week 49 (ending 10 December), 248 confirmed cases of dengue were reported, of which 58% were male. Of the reported cases, 225 (90.7%) were confirmed by PCR and 23 cases (9%) were only IgM positive for dengue. Ten cases were positive by both PCR and IgM. There were five cases of severe dengue and one associated death. Pikine district (108 cases, 43.5%) has the highest number of dengue cases, 1010wed by Thilogne (38 cases, 15.3%), Yeumbeul (27 cases, 10.9%) Dakar center (14 cases, 5.6%) and Mbour (14 cases, 5.6%).  Senegal Measles Ungraded 7/4/2022 1/1/2023 10/1/2023 467 467 0 0.00%  From epidemic week 1 to 39 of 2023 (ending 1 October 2023), 467 confirmed cases of measles with no deaths were reported in Senegal.  Senegal Zika Ungraded 12/11/2023 11/14/2023 12/18/2023 2 2 0 0.00%  In week 49, Senegal health authorities has reported the confirmation of two cases of Zika virus disease in the districts of Sédhiou and Sokone through Polymerase Chain Reaction (PCR) testing, Details regarding the age of the women in Sokone remain unspecified, and their pregnancy status has not been disclosed. There is a potential risk for adverse outcomes including microcephaly, other congenital malformations in infants, and possibilities of premature birth or miscarriage. Investigation reports are forthcoming.  Seychelles COVID-19 Protracted 3 3/14/2020 3/14/2020 2/28/2023 50 937 50 937 172 0.30%  Sinc						of COVID-19. As	of 18 October 20	23, a total of 6 59	99 confirmed cases	of COVID-19
Senegal   COVID-19   Protracted 3   372/2020   372/2020   4/28/2023   88 997   88 997   1971   2.20%	Senegal	Chikungunya	Ungraded	6/8/2023	6/8/2023	10/1/2023	230	230	0	0.00%
From 2 March 2020 to 28 April 2023, a total of 88 997 confirmed cases of COVID-19 including 1 971 deaths and 87 024 recoveries have been reported in Senegal.  Senegal Dengue Grade 3 11/14/2022 1/1/2023 12/10/2023 248 248 1 0.40% In 2023, the first confirmed case of dengue was recorded in week 1. As of week 49 (ending 10 December), 248 confirmed cases of dengue were reported, of which 58% were male. Of the reported cases, 225 (90.7%) were confirmed by PCR and 23 cases (9%) were only IgM positive for dengue. Ten cases were positive by both PCR and IgM. There were five cases of severe dengue and one associated death. Pikine district (108 cases, 43.5%) has the highest number of dengue cases, followed by Thilogne (38 cases, 15.3%), Yeumbeul (27 cases, 10.9%), Dakar center (14 cases, 5.6%) and Mbour (14 cases, 5.6%).  Senegal Measles Ungraded 7/4/2022 1/1/2023 10/1/2023 467 467 0 0.00% From epidemic week 1 to 39 of 2023 (ending 1 October 2023), 467 confirmed cases of measles with no deaths were reported in Senegal.  Senegal Zika Ungraded 12/11/2023 11/14/2023 12/18/2023 2 2 0 0.00%  In week 49, Senegal health authorities has reported the confirmation of two cases of Zika virus disease in the districts of Sédhiou and Sokone through Polymerase Chain Reaction (PCR) testing. Details regarding the age of the women in Sokone remain unspecified, and their pregnancy status has not been disclosed. There is a potential risk for adverse outcomes including microcephaly, other congenital malformations in infants, and possibilities of premature birth or miscarriage. Investigation reports are forthcoming.  Seychelles COVID-19 Protracted 3 3/14/2020 3/14/2020 2/28/2023 50 937 50 937 172 0.30%  Since the first COVID-19 Protracted 3 3/31/2020 3/27/2020 9/21/2023 7636 7636 126 1.70%  On 31 March 2020, Sierra Leone reported the first confirmed COVID-19 case in the country. As of week 38, 2023, 7 636 cases, 126 deaths, CFR (1.7%). Since the beginning of 2023 there have been six confirmed COVID 19 cases.  South Africa COVID-19 Protracted						om the Sokone di	istrict. As of 1 Oct	tober 2023, there	were 230 confirme	d cases from
Senegal Dengue Grade 3 11/14/2022 1/1/2023 12/10/2023 248 248 1 0.40% In 2023, the first confirmed case of dengue was recorded in week 1. As of week 49 (ending 10 December), 248 confirmed cases of dengue were reported, of which 58% were male. Of the reported cases, 225 (90.7%) were confirmed by PCR and 23 cases (9%) were only IgM positive for dengue. Ten cases were positive by both PCR and IgM. There were five cases of severe dengue and one associated death. Pikine district (108 cases, 43.5%) has the highest number of dengue cases, followed by Thilogene (38 cases, 15.3%), Yeumbeul (27 cases, 10.9%), Dakar center (14 cases, 5.6%) and Mbour (14 cases, 5.6%) and M	Senegal	COVID-19	Protracted 3	3/2/2020	3/2/2020	4/28/2023	88 997	88 997	1971	2.20%
In 2023, the first confirmed case of dengue was recorded in week 1. As of week 49 (ending 10 December), 248 confirmed cases of dengue were reported, of which 58% were male. Of the reported cases, 225 (90.7%) were confirmed by PCR and 23 cases (9%) were only IgM positive for dengue. Ten cases were positive by both PCR and IgM. There were five cases of severe dengue and one associated death. Pikine district (108 cases, 43.5%) has the highest number of dengue cases, followed by Thilogne (38 cases, 15.3%), Yeumbeul (27 cases, 10.9%), Dakar center (14 cases, 5.6%) and Mbour (14 cases, 5.6%).  Senegal Measles Ungraded 7/4/2022 1/1/2023 10/1/2023 467 467 0 0.00%  From epidemic week 1 to 39 of 2023 (ending 1 October 2023), 467 confirmed cases of measles with no deaths were reported in Senegal.  Senegal Zika Ungraded 12/11/2023 11/14/2023 12/18/2023 2 2 0 0.00%  In week 49, Senegal health authorities has reported the confirmation of two cases of Zika virus disease in the districts of Sédhiou and Sokone through Polymerase Chain Reaction (PCR) testing. Details regarding the age of the women in Sokone remain unspecified, and their pregnancy status has not been disclosed. There is a potential risk for adverse outcomes including microcephaly, other congenital malformations in infants, and possibilities of premature birth or miscarriage. Investigation reports are forthcoming.  Seychelles COVID-19 Protracted 3 3/14/2020 3/14/2020 2/28/2023 50 937 50 937 172 0.30%  Since the first COVID-19 confirmed cases were reported in Seychelles on 14 March 2020 as of 28 February 2023, a total of 50 937 cases have been confirmed, including 50 750 recoveries and 172 deaths have been reported.  Sierra Leone COVID-19 Protracted 3 3/31/2020 3/27/2020 9/21/2023 7636 7636 126 1.70%. Since the beginning of 2023 there have been six confirmed COVID-19 cases.  South Africa COVID-19 Protracted 3 3/5/2020 3/5/2020 12/18/2023 4 076 463 4 076 463 102 595 -	From 2 March 2	2020 to 28 April 2	023, a total of 88 997	confirmed cases of (	COVID-19 including 1 9	971 deaths and 8	7 024 recoveries	have been reporte	ed in Senegal.	
Of the reported cases, 225 (90.7%) were confirmed by PCR and 23 cases (9%) were only IgM positive for dengue. Ten cases were positive by both PCR and IgM. There were five cases of severe dengue and one associated death. Pikine district (108 cases, 43.5%) has the highest number of dengue cases, followed by Thilogne (38 cases, 15.3%), Yeumbeul (27 cases, 10.9%), Dakar center (14 cases, 5.6%) and Mbour (14 cases, 5.6%).  Senegal Measles Ungraded 7/4/2022 1/1/2023 10/1/2023 467 467 0 0.00%  From epidemic week 1 to 39 of 2023 (ending 1 October 2023), 467 confirmed cases of measles with no deaths were reported in Senegal.  Senegal Zika Ungraded 12/11/2023 11/14/2023 12/18/2023 2 2 0 0.00%  In week 49, Senegal health authorities has reported the confirmation of two cases of Zika virus disease in the districts of Sédhiou and Sokone through Polymerase Chain Reaction (PCR) testing. Details regarding the age of the women in Sokone remain unspecified, and their pregnancy status has not been disclosed. There is a potential risk for adverse outcomes including microcephaly, other congenital malformations in infants, and possibilities of premature birth or miscarriage. Investigation reports are forthcoming.  Seychelles COVID-19 Protracted 3 3/14/2020 3/14/2020 2/28/2023 50 937 50 937 172 0.30%  Since the first COVID-19 confirmed cases were reported in Seychelles on 14 March 2020 as of 28 February 2023, a total of 50 937 cases have been confirmed, including 50 750 recoveries and 172 deaths have been reported.  Sierra Leone COVID-19 Protracted 3 3/31/2020 3/27/2020 9/21/2023 7636 7636 126 1.70%  On 31 March 2020, Sierra Leone reported the first confirmed COVID-19 case in the country. As of week 38, 2023, 7 636 cases, 126 deaths, CFR (1.7%). Since the beginning of 2023 there have been six confirmed COVID-19 Protracted 3 3/5/2020 3/5/2020 12/18/2023 4 0.76 463 4 0.76 463 102 595 -	Senegal	Dengue	Grade 3	11/14/2022	1/1/2023	12/10/2023	248	248	1	0.40%
From epidemic week 1 to 39 of 2023 (ending 1 October 2023), 467 confirmed cases of measles with no deaths were reported in Senegal.  Senegal Zika Ungraded 12/11/2023 11/14/2023 2 2 0 0.00%  In week 49, Senegal health authorities has reported the confirmation of two cases of Zika virus disease in the districts of Sédhiou and Sokone through Polymerase Chain Reaction (PCR) testing. Details regarding the age of the women in Sokone remain unspecified, and their pregnancy status has not been disclosed. There is a potential risk for adverse outcomes including microcephaly, other congenital malformations in infants, and possibilities of premature birth or miscarriage. Investigation reports are forthcoming.  Seychelles COVID-19 Protracted 3 3/14/2020 3/14/2020 2/28/2023 50 937 50 937 172 0.30%  Since the first COVID-19 confirmed cases were reported in Seychelles on 14 March 2020 as of 28 February 2023, a total of 50 937 cases have been confirmed, including 50 750 recoveries and 172 deaths have been reported.  Sierra Leone COVID-19 Protracted 3 3/31/2020 3/27/2020 9/21/2023 7636 7 636 126 1.70%  On 31 March 2020, Sierra Leone reported the first confirmed COVID-19 case in the country. As of week 38, 2023, 7 636 cases, 126 deaths, CFR (1.7%). Since the beginning of 2023 there have been six confirmed COVID 19 cases.  South Africa COVID-19 Protracted 3 3/5/2020 3/5/2020 12/18/2023 4 076 463 4 076 463 102 595 -	Of the reported cases of severe	cases, 225 (90.7) dengue and one	%) were confirmed by associated death. Pikir	PCR and 23 cases ( ne district (108 cases	9%) were only IgM pos s, 43.5%) has the high	sitive for dengue.	Ten cases were p	ositive by both P	CR and IgM. There	were five
Senegal Zika Ungraded 12/11/2023 11/14/2023 2 2 0 0.00%  In week 49, Senegal health authorities has reported the confirmation of two cases of Zika virus disease in the districts of Sédhiou and Sokone through Polymerase Chain Reaction (PCR) testing. Details regarding the age of the women in Sokone remain unspecified, and their pregnancy status has not been disclosed. There is a potential risk for adverse outcomes including microcephaly, other congenital malformations in infants, and possibilities of premature birth or miscarriage. Investigation reports are forthcoming.  Seychelles COVID-19 Protracted 3 3/14/2020 3/14/2020 2/28/2023 50 937 50 937 172 0.30%  Since the first COVID-19 confirmed cases were reported in Seychelles on 14 March 2020 as of 28 February 2023, a total of 50 937 cases have been confirmed, including 50 750 recoveries and 172 deaths have been reported.  Sierra Leone COVID-19 Protracted 3 3/31/2020 3/27/2020 9/21/2023 7636 7636 126 1.70%  On 31 March 2020, Sierra Leone reported the first confirmed COVID-19 case in the country. As of week 38, 2023, 7 636 cases, 126 deaths, CFR (1.7%). Since the beginning of 2023 there have been six confirmed COVID 19 cases.  South Africa COVID-19 Protracted 3 3/5/2020 3/5/2020 12/18/2023 4 076 463 4 076 463 102 595 -	Senegal	Measles	Ungraded	7/4/2022	1/1/2023	10/1/2023	467	467	0	0.00%
In week 49, Senegal health authorities has reported the confirmation of two cases of Zika virus disease in the districts of Sédhiou and Sokone through Polymerase Chain Reaction (PCR) testing. Details regarding the age of the women in Sokone remain unspecified, and their pregnancy status has not been disclosed. There is a potential risk for adverse outcomes including microcephaly, other congenital malformations in infants, and possibilities of premature birth or miscarriage. Investigation reports are forthcoming.  Seychelles COVID-19 Protracted 3 3/14/2020 3/14/2020 2/28/2023 50 937 50 937 172 0.30%  Since the first COVID-19 confirmed cases were reported in Seychelles on 14 March 2020 as of 28 February 2023, a total of 50 937 cases have been confirmed, including 50 750 recoveries and 172 deaths have been reported.  Sierra Leone COVID-19 Protracted 3 3/31/2020 3/27/2020 9/21/2023 7636 7 636 126 1.70%  On 31 March 2020, Sierra Leone reported the first confirmed COVID-19 case in the country. As of week 38, 2023, 7 636 cases, 126 deaths, CFR (1.7%). Since the beginning of 2023 there have been six confirmed COVID 19 cases.  South Africa COVID-19 Protracted 3 3/5/2020 3/5/2020 12/18/2023 4 076 463 4 076 463 102 595 -	From epidemic	week 1 to 39 of 2	023 (ending 1 October	2023), 467 confirm	ed cases of measles w	ith no deaths we	re reported in Ser	negal.		
(PCR) testing. Details regarding the age of the women in Sokone remain unspecified, and their pregnancy status has not been disclosed. There is a potential risk for adverse outcomes including microcephaly, other congenital malformations in infants, and possibilities of premature birth or miscarriage. Investigation reports are forthcoming.  Seychelles COVID-19 Protracted 3 3/14/2020 3/14/2020 2/28/2023 50 937 50 937 172 0.30%  Since the first COVID-19 confirmed cases were reported in Seychelles on 14 March 2020 as of 28 February 2023, a total of 50 937 cases have been confirmed, including 50 750 recoveries and 172 deaths have been reported.  Sierra Leone COVID-19 Protracted 3 3/31/2020 3/27/2020 9/21/2023 7636 7 636 126 1.70%  On 31 March 2020, Sierra Leone reported the first confirmed COVID-19 case in the country. As of week 38, 2023, 7 636 cases, 126 deaths, CFR (1.7%). Since the beginning of 2023 there have been six confirmed COVID 19 cases.  South Africa COVID-19 Protracted 3 3/5/2020 3/5/2020 12/18/2023 4 076 463 4 076 463 102 595 -	Senegal	Zika	Ungraded	12/11/2023	11/14/2023	12/18/2023	2	2	0	0.00%
Since the first COVID-19 confirmed cases were reported in Seychelles on 14 March 2020 as of 28 February 2023, a total of 50 937 cases have been confirmed, including 50 750 recoveries and 172 deaths have been reported.  Sierra Leone COVID-19 Protracted 3 3/31/2020 3/27/2020 9/21/2023 7636 7 636 126 1.70%  On 31 March 2020, Sierra Leone reported the first confirmed COVID-19 case in the country. As of week 38, 2023, 7 636 cases, 126 deaths, CFR (1.7%). Since the beginning of 2023 there have been six confirmed COVID 19 cases.  South Africa COVID-19 Protracted 3 3/5/2020 3/5/2020 12/18/2023 4 076 463 4 076 463 102 595 -	(PCR) testing. [	Details regarding	the age of the women i	n Sokone remain un	specified, and their pre	egnancy status ha	as not been disclo	sed. There is a p	otential risk for adv	
recoveries and 172 deaths have been reported.  Sierra Leone COVID-19 Protracted 3 3/31/2020 3/27/2020 9/21/2023 7636 7 636 126 1.70%  On 31 March 2020, Sierra Leone reported the first confirmed COVID-19 case in the country. As of week 38, 2023, 7 636 cases, 126 deaths, CFR (1.7%). Since the beginning of 2023 there have been six confirmed COVID 19 cases.  South Africa COVID-19 Protracted 3 3/5/2020 3/5/2020 12/18/2023 4 076 463 4 076 463 102 595 -	Seychelles	COVID-19	Protracted 3	3/14/2020	3/14/2020	2/28/2023	50 937	50 937	172	0.30%
On 31 March 2020, Sierra Leone reported the first confirmed COVID-19 case in the country. As of week 38, 2023, 7 636 cases, 126 deaths, CFR (1.7%). Since the beginning of 2023 there have been six confirmed COVID 19 cases.  South Africa COVID-19 Protracted 3 3/5/2020 3/5/2020 12/18/2023 4 076 463 4 076 463 102 595 -				d in Seychelles on 1	4 March 2020 as of 28	February 2023, a	a total of 50 937 o	cases have been c	confirmed, including	50 750
there have been six confirmed COVID 19 cases.  South Africa   COVID-19   Protracted 3   3/5/2020   3/5/2020   12/18/2023   4 076 463   4 076 463   102 595   -				3/31/2020	3/27/2020	9/21/2023	7636	7 636	126	1.70%
				irmed COVID-19 cas	se in the country. As of	week 38, 2023, 7	7 636 cases, 126	deaths, CFR (1.79	%). Since the begin	ning of 2023
Since the start of the COVID-19 pandemic in South Africa through 18 December 2023, a cumulative total of 4 076 463 confirmed cases and 102 595 deaths have been reported.	South Africa	COVID-19	Protracted 3	3/5/2020	3/5/2020	12/18/2023	4 076 463	4 076 463	102 595	-
	Since the start	of the COVID-19 p	oandemic in South Afri	ca through 18 Decei	mber 2023, a cumulativ	ve total of 4 076	463 confirmed ca	ses and 102 595	deaths have been re	eported.



South Africa	Diphtheria	Grade 2	11/9/2023	11/8/2023	11/9/2023	11	9	1	9.10%
through culture Of them, eight v	laboratory testing vere positive. Two	norities of South Africa g on 2 November of the o staff members display nine confirmed and on	e disease in a 19-yea ved symptoms com	ar-old male inmate who patible with diphtheria	o died on 5 Nover and have received	nber 2023. Invest d treatment whilst	tigations detected t waiting for their	l 55 inmates as clo	ose contacts.
South Africa	Measles	Ungraded	10/17/2022	10/13/2022	10/2/2023	7 054	1 199	0	-
From 8 October Mpumalanga (1	2022 to 2 Octobe 19 cases), North	er 2023, a total of 1 19 West (222 cases), Gau	9 laboratory-confirn teng (217 cases), F	ned cases were reporte ree State (35 cases), W	ed from eight prov Vestern Cape (19)	vinces with declar , KwaZulu-Natal (	red measles outbo 47) and Northern	reaks in Limpopo Cape (7).	(524 cases),
South Sudan	Food insecurity (Horn of Africa crisis)	Grade 3	12/18/2020	4/5/2021	11/20/2023	-	-	-	-
or worse) between		e, almost half of South November 2023. In the imatic shocks							
South Sudan	Humanitarian crisis	Protracted 3	8/15/2016	8/15/2016	12/16/2023	-	-	-	-
during third qua 231 injured, 65	irter this year, cor abducted, and 24	rotracted humanitarian nmunity-based militias subjected to conflict-r ng the border from Suc	were responsible for elated sexual violen	or most violence again ce ) over this period. F	st civilians with a	t least 215 incide	nts of violence aff	fecting 641 civiliar	ns (321 killed,
South Sudan	Cholera	Grade 3	11/30/2023	12/15/2023	12/15/2023	1	1	0	0.00%
		) support, has reinforce ol samples tested in Jul					er 4 000 cases. C	One positive case o	of Vibrio
South Sudan	COVID-19	Protracted 3	4/5/2020	4/5/2020	10/4/2023	18 368	18 368	138	-
	, the Ministry of I country including	lealth of South Sudan 138 deaths	reported the country	y's first case of COVID-	-19. As of 4 Octob	oer 2023, a total c	of 18 368 confirm	ed COVID-19 case	es were
South Sudan	Hepatitis E	Ungraded	1/3/2018	1/1/2019	12/19/2023	4 253	63	12	-
Rate: 19%) wer most affected a group with med	e reported from F ecounting for 58. ian age of 24.5 ye	9). As of 18th Septemb angak. Most cases (36 7% of all reported case ears (IQR: 20-30).	.5%) are from the v s. It is worth noting	illage of Old Fangak. T that out of the 12 reco	he median age gr orded deaths, 8 (C	oup affected is 33 CFR: 66.7%) were	B years (Interquar recorded among	tile range: 2 -59). I women of reprod	Males are the
South Sudan	Measles	Ungraded	2/23/2022	1/1/2023	11/19/2023	7 205	551	162	
cases reported,		ber 2023), a total of 7 en under 5 years old as			ed, with 551 (7.6	%) laboratory cor	ifirmed, 162 deat	ns (CFR :2.3%). C	of the total
Tanzania, United Republic of	Floods in Tanzania							63	-
11 December. R Government an	ains and mudslid d its partners con	d mudslides has risen t es have contaminated tinue to provide and m cate to safer areas to r	most of the water so obilise food and nor	ources in the affected an- n-food items for the re	areas, risking an o	outbreak of comm	iunicable disease	s like Cholera and	others. The
Tanzania, United Republic of	Cholera	Grade 3	10/3/2023	9/7/2023	12/12/2023	660	53	19	2.90%
		a, as of 12 December 2 es. The index case was				are reported. O	f the reported cas	ses, female (54.1%	(5, 358)
Tanzania, United Republic of	COVID-19	Protracted 3	3/16/2020	3/16/2020	10/23/2023	43 078	43 078	846	-
		ity Health, Community '8 confirmed cases hav					s first case of CO\	VID-19 on 16 Mar	ch 2020. As of
Tanzania, United Republic of	Poliomyelitis (cVDPV2)	Grade 2	7/19/2023	7/17/2023	12/15/2023	2	2	0	0.00%
No cVDPV2 cas	es were reported	this week. There have	been two cases repo	orted in the country thi	s year.				
Togo	Cholera	Grade 3		12/15/2023	12/16/2023	1	1	0	0.00%
45-year-old wor	nan from Anfamé	nistry of Health and Pu . In response, the Mini			estigations to ide	ntify any additiona	al cases or fataliti	es.	oatient is a
Togo	COVID-19	Protracted 3	3/6/2020	3/1/2020	5/3/2023	39 483	39 483	290	-
290 deaths and		Health and Public Hyg I cases, have been repo		<del>\</del>	·	<del>:</del>	-	otal of 39 483 case	-
Togo	Dengue	Grade 3	11/14/2023	11/14/2023	11/14/2023	8	2	1	12.50%



		cially notified cases of d ) testing at the national				nber, eight cases	have been detect	ted, including two o	confirmed by
Togo	Poliomyelitis (cVDPV2)	Grade 2	10/18/2019	9/13/2019	10/26/2023	19	19	0	0.00%
	se was reported th I in 2019 remains a	his week. There were tw at eight.	o cases reported in	2022. No cases were	reported in 2021.	There were nine	cases in 2020, w	hile the total numb	er of cVDPV2
Uganda	Food insecurity (Horn of Africa crisis)		2/17/2022	1/1/2022	11/20/2023	-	-	-	-
in IPC Phase 3 293,000 people	or above reducing e (23% of the popu	la, it is anticipated that t g from 582,000 people pulation analysed) will bo phereas the rest will rem	(45%) to 342,000 (2 be in IPC Phase 3 (Cr	27%). About 48,000 perisis). The districts of A	beople (4% of the p Abim, Amudat, Kar	population analys	sed) will be in IPC	C Phase 4 (Emergen	ncy) and
Uganda	Anthrax	Grade 2	11/27/2023	11/19/2023	12/7/2023	39	7	10	25.60%
Kyotera district have been revie	t (39 cases, 7 conf ewed.	eaks have been reported firmed, 7 probable, 2 co	confirmed deaths and	d 8 suspected deaths).	. As of 7 December	er, only the Kyoter	ra human anthrax	x outbreak is active.	
Uganda	COVID-19	Protracted 3	3/21/2020	3/21/2020	8/28/2023	171 843	171 843	3 632	-
		ase was reported in Uga		+		1 843 confirmed	COVID-19 cases	with 3 632 deaths	were reported
Uganda	Malaria	Ungraded	6/5/2023	7/2/2023	11/18/2023	-		-	
	ere, Amolatar and K	in Uganda. During the la Kibuku). Figures have b	peen updated.	,	,	33 deaths have		,	
Uganda	Measles	Ungraded	10/4/2023	9/28/2023	12/7/2023	147	18	0	0.00%
zero death. Cun	mulatively, a total on a notive o	a sitrep from the MoH re of 147 measles cases ir outbreak							
Uganda	Rift Valley fever (RVF)	Ungraded	9/25/2023	1/1/2023	11/19/2023	182	54	13	7.10%
	rara, İsingiro, Bush	ending 19 November 20 shenyi, Nakaseke, Kazo,							
Zambia	Anthrax	Grade 2	11/1/2023	10/12/2022	11/20/2023	684		4	0.60%
		s notified of a human an O November 2023, a tot						rn province in Octo	ber 2022.
Zambia	Cholera	Grade 3	1/24/2023	1/20/2023	9/10/2023	938	329	24	2.60%
Cumulatively, 9 reported. As of	38 cases from nin i 18 October 2023	ne districts; Mpulungu, , two Districts in Zambi	Vubwi, Nsama, Nchia (Nsama and Lusa)	elenge, Mwansabomb ka) were responding t	we, Chipata, Chipa o Cholera	angali, Lusangazi	i and Lusaka. A to	otal of 25 deaths ha	ive been
Zambia	COVID-19	Protracted 3	3/18/2020	3/18/2020	5/11/2023	343995	343 995	4 058	
The first COVID including 4 058		ase was reported in Zam	ıbia on 18 March 20	20. As of 11 May 202	3, a total of 343 99	95 confirmed CO	VID-19 cases we	re reported in the c	ountry
Zambia	Measles	Ungraded	6/13/2022	6/13/2022	12/18/2023	3 715	367	31	
Lusaka, North-\	-western and South	outbreak in the North We thern provinces affecting f measles were reported	ng several districts. C	Cumulatively, the provir	inces had recorded	d 3 715 measles o	cases and 31 deat		
Zimbabwe	Anthrax	Grade 2	11/13/2023	1/1/2023	11/14/2023	412		0	0.00%
As of 14 Novem 1 of 2023 and is	,	have been a total of 285	cases from Gokwe	North and 127 cases f	from Gokwe South	n, in Midlands pr	ovince of Zimbab	we. The outbreak b	jegan in week
Zimbabwe	Cholera	Grade 3	2/12/2023	2/12/2023	10/1/2023	4 472	930	125	-
		country in 2023 started with majority of the cas						R 2.8%) as of 2 Oct	ober 2023. A
Zimbabwe	COVID-19	Protracted 3	3/20/2020	3/20/2020	7/25/2023	265731	265 731	5 714	-
The first COVID including 5 714		ase was reported in Zim	babwe on 20 March	2020. As of 25 Augus	st 2023, a total of ?	265 731 confirm	ed COVID-19 cas	ses were reported ir	1 the country

†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.

