WEEKLY BULLETIN ON OUTBREAKS AND OTHER EMERGENCIES

Week 2: 6 – 12 January 2020 Data as reported by: 17:00; 12 January 2020

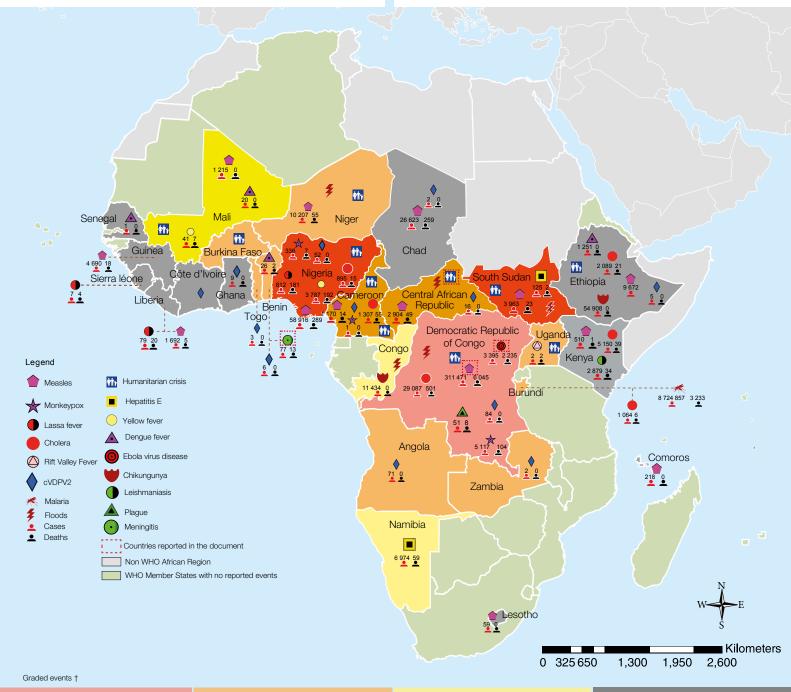


New event

67
Ongoing events

53
Outbreaks

15
Humanitarian crises



Grade 3 events

Protracted 3 events

Grade 2 events

2
Protracted 2 events

Grade 1 events

Protracted 1 events

43
Ungraded events

Overview

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This Weekly Bulletin focuses on public health emergencies occurring in the WHO African Region. The WHO Health Emergencies Programme is currently monitoring 68 events in the region. This week's main articles cover key new and ongoing events, including:

- Meningitis in Benin
- Measles in Democratic Republic of the Congo
- **Democratic Republic of the Congo**
- Humanitarian crisis in Central African Republic.

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 largely been controlled and thus closed.

Major issues and challenges include:

- On 6 January 2020, a new outbreak of bacterial meningitis was notified to WHO by the Ministry of Health of Benin. The outbreak was initially detected in Banikoara Commune, Northern Benin. The proximity of the affected area to neighbouring Burkina Faso, Niger, and Nigeria is of concern and suggests the need for cross-border collaboration and strengthening of surveillance.
- The measles outbreak in Democratic Republic of the Congo is still ongoing. Although the case incidence showed a decreasing trend in the last four weeks of December 2019, the cumulative number of cases and deaths continues to increase, with over 6 000 deaths being reported during the year 2019. In order to successfully curb the outbreak, there is a need to extend vaccination to children over 5 years old and to strengthen other response activities beyond vaccination.

Meningitis

Benin

77 13 17%

Cases Deaths CFR

EVENT DESCRIPTION

On 6 January 2019, the Ministry of Health of Benin notified WHO of an outbreak of meningitis in Banikoara Commune, Alibori Department, Northern Benin. The current outbreak reportedly began in week 50 (week ending 15 December 2019) when a cluster of four case-patients with signs and symptoms suggestive of meningitis were reported from Banikoara Commune. Of these, three were subsequently confirmed as having bacterial meningitis infection. In the following week, an additional 13 cases were reported from the same area, thus exceeding the epidemic threshold for the disease. The outbreak peaked in week 1 (week ending 5 January 2020), when 28 new cases were reported.

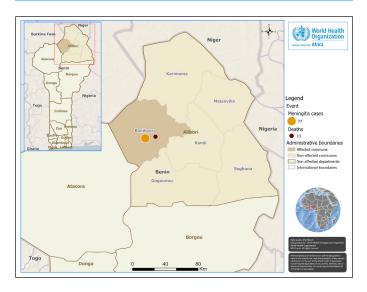
From 9 December 2019 to 8 January 2020, a cumulative total of 77 cases with 13 deaths (case fatality ratio 17%) have been reported Banikoara Commune. Of these, 16 cases with six deaths have been confirmed for bacterial meningitis infection. The predominant pathogen isolated is *Neisseria meningitides* serogroup C (n=10), followed by *N. meningitides* serogroup X (n=4), *Haemophilus influenzae* type B (n=1), and *Streptococcus pneumoniae* (n=1). The age group 5 - 14 years old are the most affected accounting for 71.4% (n=55) of the cumulative cases reported to date.

The epicentre of the current outbreak recently experienced two deaths attributed to meningitis among children attending the same primary school. The first case was an eight-year-old girl who presented to a local health facility on 20 October 2019 with signs and symptoms suggestive of meningitis and died on the same day while seeking care. The second case, a 12-year-old boy, also developed similar signs and symptoms on the same day as the first case. He was treated as an outpatient at a local facility but later died on the same day at home. It is unclear whether the current outbreak is related to these events in October 2019 as there were no cases reported in the six weeks immediately prior to the beginning of the current epidemic.

PUBLIC HEALTH ACTIONS

- A National Crisis Committee chaired by the Minister of Health with support from WHO and partners has been activated to coordinate response to the outbreak. A national level rapid response team was dispatched to support local teams in the Alibori Health Department and Banikoara Health Zone conduct field investigation and other response activities.
- Surveillance at healthcare facilities in the affected areas is being strengthened through provision of refresher training and mentorship to healthcare workers in the application of the case definition for detecting and reporting suspected cases of meningitis.
- Clinical management of cases according to the standard operational procedure for treatment of patients with meningitis is ongoing at health facilities in the affected areas. A total of 650 vials of ceftriaxone have been deployed to Banikoara Commune.
- A reactive vaccination campaign was held on 2 January 2019, in Déroubou, a village at the epicentre of the outbreak, during which a total of 893 people aged 1 29 years were vaccinated with Meningococcal ACWY vaccine.

Geographic distribution of meningitis cases in Benin, 25 November - 22 December 2019.



- The Ministry of Health of Benin has submitted a request to the International Coordinating Group (ICG) on vaccine provision for additional doses of the Meningococcal ACWY vaccine as well as ceftriaxone in order to extend the immunization campaign in affected and defined areas.
- Social mobilization and risk communication activities have been scaled-up through awareness messaging via a local community radio station as well as advocacy meetings with local elected officials to galvanize support for coordination and implementation of response activities.

SITUATION INTERPRETATION

Although Benin is not fully part of the meningitis belt in sub-Saharan Africa, the current outbreak is being reported at the time of the usual seasonal increase in cases of meningitis in sub-Saharan Africa. The high case fatality ratio associated with the current outbreak is of concern. Response measures need to be enhanced to ensure early detection and treatment of cases to prevent further mortality. Furthermore, there is a need to rapidly acquire additional doses of vaccines to extend the vaccination campaigns to neighbouring health zones. Finally, the proximity of the affected areas to neighbouring Burkina Faso, Niger, and Nigeria is another cause for concern pointing to the need for cross-border collaboration and strengthening of surveillance in these areas during this period of the year.

Ongoing events

Measles

Democratic Republic of the Congo

311 471 : 6 045 Cases Deaths 1.9%

CFR

EVENT DESCRIPTION

The measles epidemic in the Democratic Republic of the Congo continues to evolve. Since our last report on 8 December 2019 (Weekly Bulletin 49), 42 392 additional suspected cases and 615 additional deaths have been reported across the country. While the overall disease incidence trend has started declining in the past weeks, the outbreak continues to expand, with nine additional affected health zones in the last four weeks (week 49 to 52) of 2019.

From week 49 to week 52 of 2019 (week ending 29 December 2019), the majority (71%) of cases were reported from Equateur (n=4272), Tshuapa (n=4 218), Maindombe (n=2 973), Bas-Uele (n=2 969), Kongo Central (n=2 352), Kwilu (n=2 467) and Mongala (n=2 237) provinces. The highest case fatality ratios were recorded in Tshopo (3.6%), Maindombe (3.2%), and Tshuapa (2%) provinces. In week 52 of 2019, 5 792 suspected cases including 109 deaths were reported (case fatality ratio 1.9%), and two new health zones entered into epidemic phase, namely, Minova in South-Kivu province and Katuba in Haut-Katanga province.

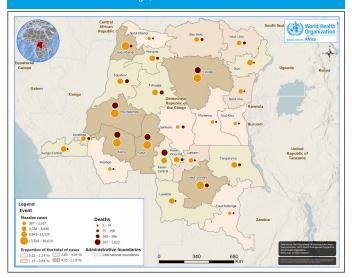
Between 1 January and 29 December 2019, a cumulative total of 311 471 suspected measles cases with 6 045 deaths (case fatality ratio 1.9%) have been recorded from 253 of 519 (48.7%) health zones across the 26 provinces of the Democratic Republic of the Congo. Of these 311 471 cases, 2 682 have been laboratory-confirmed (IgM-positive) for measles infection, of which 28% are aged 5 years and above and 63% are unvaccinated or have unknown vaccination status.

Cases of measles continue to be reported from Ituri, North-Kivu and South-Kivu provinces, which are concomitantly affected by the ongoing Ebola virus disease outbreak. Between 1 January and 29 December 2019, these provinces have reported 11 043 cases (case fatality ratio 0.6%), 7 488 cases (case fatality ratio 0.3%), and 3 537 cases (case fatality ratio 1.2%), respectively.

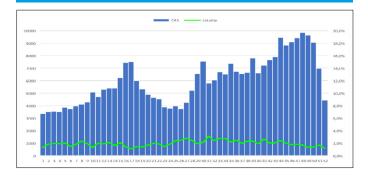
PUBLIC HEALTH ACTIONS

- The National Measles Coordination Committee continues to coordinate the response to the measles outbreak across the country, working with the various sub-committees and supported by WHO and partners.
- The revised measles response plan, that covers the period January to June 2020, has been validated on 7 January 2020 during the weekly meeting of the Measles Coordination Committee.
- A National Epidemiologic Data Analysis Cell has been put in place with the support of WHO, UNICEF and CDC and the Cell activities have been launched on 7 January 2020.
- To date, the vaccine response has been organized in 179/253 (71%) health zones and a total of 5 789 008 children aged 6 to 59 months have been vaccinated.
- WHO, Médecins Sans Frontières, Action Contre la Faim, Médecins du Monde and other partners continue to support case management.
- The revised Integrated Disease Surveillance and Response (IDSR) guideline has been approved by the Ministry of Public Health and partners. It includes, inter alia, additional information relating to community-based surveillance and a line list canvas that should be used during a measles outbreak.

Geographic distribution of measles outbreak in Democratic Republic of the Congo, Week 1-52 2019.



Distribution of suspected measles cases by epidemiological week, Democratic Republic of the Congo, Week 1-52 2019.



Multidisciplinary teams are being deployed in the 30 priority health zones to support the response, with the financial and technical support of the Humanitarian Fund, ECHO and WHO. Each team deployed in the priority health zone is made up of three experts in charge of surveillance, case management and communication respectively.

SITUATION INTERPRETATION

The nationwide measles epidemic in the Democratic Republic of the Congo continues to evolve. Although the weekly case incidence has been on a decreasing trend following the implementation of vaccination campaigns in affected health zones, the total number of cases and deaths continue to increase with a cumulative total of over 6 000 deaths reported as of the last week of December 2019. The continuous emergence of cases is likely a result of persisting gaps in the vaccination coverage. Indeed, the majority of confirmed cases are unvaccinated and children aged five years and above have not been targeted during the reactive mass vaccination campaigns, although they represent more than 25% of the notified cases. This suggests that the ongoing response activities need to be scaled-up accordingly, with comprehensive coverage, to interrupt further propagation of the outbreak. Moreover, a funding gap of over US\$ 40 million needs to be filled urgently, in order to extend the vaccination to children over 5 years old and to reinforce other outbreak response activities beyond vaccination.

Go to map of the outbreaks

3 395 2 235 Cases

66% **CFR**

Deaths

EVENT DESCRIPTION

The Ebola virus disease (EVD) outbreak in North Kivu, South Kivu and Ituri provinces in Democratic Republic of the Congo continues. with seven health zones and 14 health areas reporting confirmed cases in the past 21 days (22 December 2019 to 11 January 2020). Since our last report on 5 January 2020 (Weekly Bulletin 1), there have been seven new confirmed cases and two new deaths. The principle hot spots of the outbreak in the past 21 days are Mabalako (38%; n=14 cases), Butembo (22%; n=8), Kalunguta (14%; n=5) and Mambasa (11%; *n*=4). Four health zones, Museienene, Beni, Mabalako and Mambasa have reported new confirmed cases in the past seven days. The new confirmed case in Beni is the first for 29 days, with the last confirmed case reported on 8 December 2019 and the new confirmed case in Musienene Health Zone was registered in Katolo health area, not previously affected by EVD. The last new confirmed case in Musienene Health Zone was detected on 31 August 2019.

As of 11 January 2019, a total of 3 395 EVD cases, including 3 277 confirmed and 118 probable cases have been reported. To date. confirmed cases have been reported from 29 health zones: Ariwara (1), Bunia (4), Komanda (56), Lolwa (6), Mambasa (82), Mandima (347), Nyakunde (2), Rwampara (8) and Tchomia (2) in Ituri Province; Alimbongo (5), Beni (698), Biena (19), Butembo (295), Goma (1), Kalunguta (198), Katwa (653), Kayna (28), Kyondo (25), Lubero (31), Mabalako (453), Manguredjipa (18), Masereka (50), Musienene (85), Mutwanga (32), Nyiragongo (3), Oicha (65), Pinga (1) and Vuhovi (103) in North Kivu Province and Mwenga (6) in South Kivu Province.

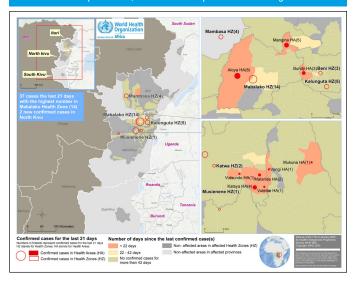
As of 11 January 2020, a total of 2 235 deaths were recorded. including 2 114 among confirmed cases, resulting in a case fatality ratio among confirmed cases of 65% (2 117/3 277). The cumulative number of health workers remains 169, which is 5% of the confirmed and probable cases to date.

Contact tracing is ongoing in 11 health zones. A total of 3 769 contacts are under follow-up as of 11 January 2020, of which 3 365 (89.3%) have been seen in the past 24 hours. Alerts in the affected provinces continue to be raised and investigated. Of 4 578 alerts processed (of which 4 448 were new) in reporting health zones on 11 January 2020, 4 481 were investigated and 460 (10.3%) were validated as suspected cases.

PUBLIC HEALTH ACTIONS

- Response and surveillance activities continue in all affected areas, with disruption to surveillance activities at the PoC at Mutsanga and Kyaghala in Katwa after a confrontation with National Police; there was an abrupt stop to vaccination activities in the Biakato Mines area after rumours of a probable attack on responders.
- As of 7 January 2020, a cumulative total of 264 682 people have been vaccinated since the start of the outbreak in August 2018.
- Point of Entry/Point of Control (PoE/PoC) screening continues, with over 138 million screenings to date. A total of 106/109 (99.7%) PoE/PoC transmitted reports as of 11 January 2020.

Geographical distribution of confirmed Ebola virus disease cases reported from 22 December 2019 to 11 January 2020, North Kivu, South Kivu and Ituri provinces, Democratic Republic of the Congo



- Water, sanitation and hygiene (WASH) activities continue, with six health facilities evaluated in Beni and Mabalako health zones and IPC kits were dontated, while 23 health facilities were monitored in Oicha, Mabalako and Mambasa.
- Community awareness and mobilization messages are being updated, revised and harmonized and have been pre-tested by the commission and will subsequently be shared in coordination and sub-coordination activities.
- Traditional healers and managers of private structures which had contact with suspected EVD cases were persuaded to participate in response activities after community dialogue in Aloya, Mabalako Health Zone and a forum for popular expression was also organized with village chiefs and civil society leaders with the aim of removing resistance to the off-protocol vaccination organized in Métal and Aloya.

SITUATION INTERPRETATION

New confirmed cases continue to be reported in Mabalako, Butembo and Kalunguta in North Kivu Province and in Mambasa in Ituri Province. The new confirmed cases in Mambasa are of concern, since there had been no new confirmed cases in Ituri Province for 66 days. Additionally, new cases were confirmed in Beni and Musienene where there have been non new confirmed cases for 29 and 132 days respectively. Resistance to response activities continues, particulary in North Kivu Province. However, there are continued efforts to engage with the community and to upscale response activities in affected regions in order to bring the outbreak to a close.

Central African Republic

EVENT DESCRIPTION

The humanitarian crisis in Central African Republic continues, driven by insecurity and recent floods. As of 24 December 2019, there are an estimated 2.5 million people affected, with more than 600 000 internally displaced persons (IDPs) and 601 994 Central African refugees in neighbouring countries.

The security situation remains tense in Vakaga Health District after clashes between rival armed groups in Amdafock and Bihera in the week of 16-22 December 2019. Ten wounded were treated at Birao Hospital, with one requiring evacuation to Bambari Hospital by the International Red Cross. Other wounded are reportedly still in the bush.

Médicins sans Frontières (MSF) reported the arrest of four members of staff by a Central African police unit on 14 December 2019, following police presence in the MSF hospital compound in Bangui. As a result, MSF activities at the hospital are minimal pending their release.

Flooding around the Oubangui River in October 2019 has receded, and people have started to return to their home areas. As of 24 December 2019, there were 77 275 people displaced by the floods, with 5 299 displaced in Bangui.

Epidemic-prone diseases continue, with measles being the main outbreak reported during week 51 (week ending 22 December 2019), affecting the health districts of Bocaranga-Koui, Batangafo-Kabo, Bambari and Nana-Gribizi. As of 24 December 2019, there was a cumulative total of 2 540 cases and 26 deaths (case fatality ratio 3.8%). Other reported outbreaks include hepatitis E, pertussis and vaccine-derived polio (cVDPV2). Certain health districts were unable to forward surveillance information as a result of communication difficulties.

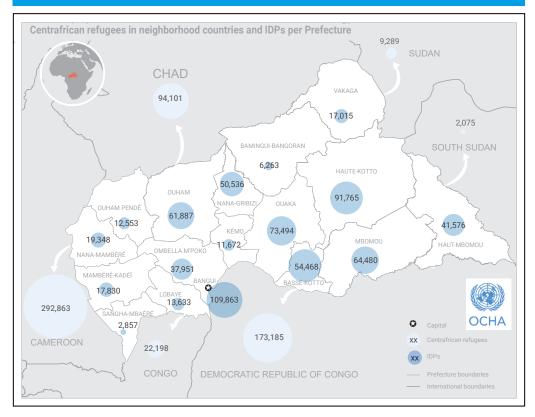
PUBLIC HEALTH ACTIONS

- WHO participated in a rapid evaluation mission to Ouanda Djallé and provided 5 basic kits, 5 malaria kits and one supplementary kit to the secondary hospital in Ouanda Diallé.
- In response to the crisis in Vakaga, WHO have supplied medicines, malaria kits and renewables.
- In flood-affected areas, mobile clinics have provided services to affected populations.
- 0 Medical management of measles cases continues after the reactive vaccination campaign in the most affected districts.
- Polio immunization campaigns have been conducted in response to cVDPV2 reports.

SITUATION INTERPRETATION

The constant insecurity continues to limit partner interventions in affected villages in the interior of the country and the suspension of MSF activities in Bangui is of particular concern. Poor data sharing around the measles outbreak, along with inadequate referral mechanisms for complicated cases, has weakened the response to this outbreak. Although WHO and partners, along with local authorities, have mounted responses, they require further support, both nationally and from outside agencies, to prevent this already protracted humanitarian crisis from continuing through 2020.

Map of Internally Displaced Persons in Central African Republic, as of 31 December 2019



Go to map of the outbreaks

Summary of major issues, challenges and proposed actions

Major issues and challenges

- The current meningitis outbreak in Benin is concerning. The high case fatality ratio reported so far is likely associated with late patient presentation to health facilities and/or inadequate case management. The proximity of the affected areas to Burkina Faso, Niger, and Nigeria represents a risk for cross-border transmission, especially since this outbreak is occurring at the time of the usual seasonal increase in meningitis case incidence in this region.
- The measles outbreak in Democratic Republic of the Congo continues to persist as a result of low vaccination coverage among vulnerable groups, malnutrition, weak public health systems, limited access to healthcare by vulnerable populations and the insecurity context, which hampers outbreak response in some areas. Furthermore, the lack of funding remains a major impediment to successfully controlling the outbreak.

Proposed actions

- There is a need to enhance early detection and subsequent treatment of meningitis cases in Benin. Local authorities, with support from WHO and partners, should ensure that the appropriate antibiotic and vaccine are readily available and in sufficient quantity in the country. It is also essential to strengthen cross-border collaboration and surveillance between Benin and neighbouring countries which are part of the meningitis belt.
- The national authorities, WHO and partners must work together to mobilize the necessary financial and human resources in order to extend the vaccination to children between 6 and 14 years old and to reinforce other pillars of the outbreak response such as improving case management, providing health education, supporting community engagement, strengthening health systems as well as enhancing epidemiological surveillance and response coordination.

All events currently being monitored by WHO AFRO

Country	Event	Grade	Date notified to WHO	Start of reporting period	End of reporting period	Total cases	Cases Confirmed	Deaths	CFR	
New Events		<u> </u>	<u> </u>							
Benin	Meningitis	Ungraded	6-Jan-20	9-Dec-19	8-Jan-20	77	16	13	16.90%	
Detailed updat	e given above.									
Ongoing Events										
Angola	Poliomyelitis (cVDPV2)	Grade 2	8-May-19	5-Apr-19	11-Dec-19	71	71	0	0.00%	
Twelve new cases of circulating vaccine-derived poliovirus type 2 (cVDPV2) were reported this week from Benguela (4), Moxico (2), Cuanza Sul (1), Bie (1), Luanda (1), Bengo (1), Uige (1) and Huambo (1) provinces. The onsets of paralysis were between 10 September and 18 October 2019. There are 71 cVDPV2 cases from seven outbreaks reported in 2019. Two cVDPV2 positive environmental samples were reported from Luanda and Benguela provinces. The samples were collected on 25 October 2019.										
Benin	Dengue fever	Ungraded	13-May-19	10-May-19	29-Nov-19	26	14	2	7.70%	
Departments.	Cumulatively, four	teen cases fro	m Atlantique I	Department (4	cases), Litto	ral Departmen	it (4 cases) ar	e reported from Atlantique, Littor Id Ouémé Department (6 cases) case, were notified among the c	were confirmed by serology	
Benin	Poliomyelitis (cVDPV2)	Grade 2	8-Aug-19	8-Aug-19	11-Dec-19	6	6	0	0.00%	
No case of cire	ulating vaccine-d	erived polioviri	ıs type 2 (cVI	DPV2) was rep	orted this we	ek. There are	six cVDPV2 c	ases in 2019 linked to the Jigawa	a outbreak in Nigeria.	
Burkina Faso	Humanitarian crisis	Grade 2	1-Jan-19	1-Jan-19	24-Nov-19	-	-	-	-	
This has resul of North, Boud health facilities high	ed in mass displa le du Mouhon, Ea s in six regions ha	cement leading st and Centre a ve closed as a	g to a total of are the most a result of inse	486 360 inter affected. Healt curity; 28% in	nally displace h services are the Sahel Re	d persons reg e severely affe gion and 12%	istered as of 8 cted and as of in North Cen	ually deteriorated as a result of at 8 October 2019 in all 13 regions i 27 September 2019, Ministry of tral Region. Morbidity due to epi	in the country. The regions f Health figures show that 69 demic-prone diseases remain	
Burundi	Cholera	Ungraded	5-Jun-19	1-Jun-19	5-Nov-19	1 064	288	6	0.60%	
North (328 casin Cibitoke pro	ses), Bujumbura C	entre (144 cas oples tested, 28	ses) and Bujur 38 (75%) wer	mbura South (e positive for	(125 cases) in <i>Vibrio cholera</i>	Bujumbura N	Nairie, Isale (1	districts. The most affected heal 55 cases) in Bujumbura rural pro d age-group is 5 to 50 years repr	ovince, Cibitoke (194 cases)	
Burundi	Malaria	Grade 2		1-Jan-19	22-Dec-19	8 724 857		3 233	0.00%	
the epidemic t	of 2018 (week en breshold surpasse e is a 90% increas	ed in week 18 o	of 2019 (week	ending 5 May	/ 2019). In we	eek 51 (week e	ending 22 Dec	nalaria cases reported across the ember 2019), 152 960 cases inc ed in 2018.	46 districts of Burundi, with luding 63 deaths have been	
Cameroon	Humanitarian crisis (Far North, North, Adamawa & East)	Protracted 2	31-Dec-13	27-Jun-17	5-Dec-19	-	-	-	-	
Cameroon continues to face a humanitarian crisis in the Far North Region linked to the terrorist attacks by Boko Haram group, with significant population displacement. In November 2019, 27 attacks of Boko Haram members have been registered and led to 5 missed people, 31 injuries and 11 deaths. This situation is hindering humanitarian access and limiting operations and has resulted in suspension of activities beyond Fotokol and Makary in Logone and Chari division. The Minawo camp continue to host Nigerian refugees, as of 31 September 2019, the total camp population was about 59 977 Nigerian refugees. The number of out-of-camp refugees has also grown to 46 784 refugees.										
Cameroon	Humanitarian crisis (NW & SW)	Grade 2	1-0ct-16	27-Jun-18	5-Dec-19	-	-	-	-	
between separ day prior, on 3	atists and military O November, an a	forces. On 1 [id worker was	December 201 abducted and	9, a commerc	cial plane land rmed group.	ling in NW wa: This unrest co	s shot at by th ontinues to aff	SW) of Cameroon continues to come separatist Ambazonia Governinect access to basic services incluted at 536 107 persons.	ng Council (AGC) and one	
Cameroon	Cholera	Ungraded	1-Mar-19	1-Mar-19	9-Jan-20	1 307	169	55	4.20%	
reported only	rom the 2 district	s of the South	West (Bakass	i and Ekondo	Titi). No new	cases of Chol	era were repo	ost). Since, the beginning of the yerted in North and Far North region ported from the three affected re	ons since epidemiological	

Go to map of the outbreaks

those cases (57%) were reported from the North region.

			Date	Start of	End of					
Country	Event	Grade	notified to WHO	reporting period	reporting period	Total cases	Cases Confirmed	Deaths	CFR	
Cameroon	Measles	Ungraded	2-Apr-19	1-Jan-19	17-Nov-19	1 170	382	14	0%	
A measles outbreak is ongoing in Cameroon. Since the beginning of 2019, a total of 1 170 suspected cases have been reported. Of these, 382 were confirmed as IgM-positive. The outbreak is currently affecting 43 districts, namely, Kousseri, Mada, Goulfey, Makary, Kolofata, Koza, Ngaoundéré rural, Bangué, Guider, Figuil, Ngong, Mora, Maroua 3, Vélé, Pitoa, Maroua 1, Bourha, Touboro, Mogodé, Bibémi, Garoua 1, Garoua 2, Lagdo, Tcholliré, Guidiguis, Moutourwa, Mokolo, Cité verte, Djoungolo, Nkolndongo, Limbé, Garoua Boulai, Ngaoundéré Urbain, Ekondo Titi, Gazawa, Meiganga, New Bell, Deido, Bertoua, Biyem assi, Cité des palmiers, Logbaba, and Nylon district.										
Cameroon	Monkeypox	Ungraded	27-Sep-19	18-Sep-19	27-Sep-19	1	0	0	0.00%	
	A case of monkeypox was confirmed in Ekondo-Titi health district in the South West region of Cameroon on the 18 of September 2019. All supportive measures for case management were put in place and community- based surveillance has been stepped up in this area.									
Cameroon	Poliomyelitis (cVDPV2)	Grade 2	23-May-19	23-May-19	11-Dec-19	-	-	-	-	
circulating vac	No case of cVDPV2 was reported in the past week. On 23 May 2019, WHO received notification through the Global Polio Laboratory Network (GPLN) of the detection of circulating vaccine-derived poliovirus type 2 (cVDPV2) from an environmental sample collected on 20 April 2019 in the Northern Province of Cameroon which borders Borno State in Nigeria and Chad. There are no associated cases of paralysis detected so far.									
Central African Republic	Flood	Ungraded	1-0ct-19	1-0ct-19	30-Dec-19	-	-	-	-	
	rica Republic (CAF 31 in Bangui and I		by torrential	rain since Oct	ober 2019, w	hich has caus	ed significant	damage. A total of 83 309 people	e was affected by the flood,	
	outside Bangui. C eople displaced by					isplaced pers	ons are return	ing to their places of origin. As o	f 24 December 2019, there	
Central African Republic	Humanitarian crisis	Protracted 2	11-Dec-13	11-Dec-13	24-Dec-19	-	-	-	-	
Detailed updat	e given above.									
Central African Republic	Measles	Ungraded	15-Mar-19	11-Feb-19	29-Dec-19	2 904	98	49	1.70%	
								and 49 deaths have been reporte have been controlled in Paoua a		
Central African Republic	Poliomyelitis (cVDPV2)	Grade 2	24-May-19	24-May-19	18-Dec-19	16	16	0	0.00%	
No case of circ	culating vaccine-de	erived poliovir	us type 2 (cVE	PV2) was rep	orted this we	ek. There are	16 reported c	ases from six different outbreaks	of cVDPV2 in 2019.	
Chad	Measles	Ungraded	24-May-18	1-Jan-19	29-Dec-19	26 623	296	259	1.00%	
26 623 suspec	In week 52 (week ending 29 December 2019), 168 suspected cases were reported. 22 districts were in the epidemic phase in week 52. Since the beginning of the year, a total of 26 623 suspected cases and 259 deaths (CFR 1.0%) have been reported with Am Timan, N'Djamena East, N'Djamena South, Bongor, Moundou, Bousso and N'Djamena Centre districts all exceeding 1 000 suspected cases. Among the 1 895 cases investigated, 296 were IgM-positive, 79% were not vaccinated, and 47% were aged between 1 and 4 years old.									
Chad	Poliomyelitis (cVDPV2)	Grade 2	18-Oct-19	9-Sep-19	18-Dec-19	2	2	0	0.00%	
	of circulating vacc vas on 6 October 2					his week bring	jing the total o	f reported cases in 2019 to two.	The onset of paralysis of the	
Comoros	Measles	Ungraded	26-May-19	20-May-19	22-Dec-19	218	59	0	0.00%	
confirmed (40		ned and 19 by	epidemiologi	cal link). IgM-	positive case	s were reporte		in Grande Comore Island. Of the icts of Grande Comore, namely, I		
Congo	Floods	Ungraded	22-Nov-19	3-0ct-19	10-Dec-19	-	-	-	-	
and Pointe-No access to heal	Since 3 October 2019, heavy rains resulted in floods in 8 out of 12 departments of the Republic of Congo, namely: Likouala, Cuvette, Plateaux, Sangha, Kouilou, Niari, Brazzaville and Pointe-Noire. As a result of the floods, homes and public infrastructure have been destroyed leaving the affected population in precarious living conditions and with limited access to health care. Furthermore, the floods have caused significant damage to the agricultural and farming sectors thus posing a threat to food security. On 19 November, the Congolese government declared a state of emergency in the affected areas. As of 10 December 2019, at least 170 000 people have been affected.									
Congo	Chikungunya	Grade 1	22-Jan-19	7-Jan-19	29-Sep-19	11 434	148	0	0.00%	
hotspots are t	he departments of al of 11 434 cases	Plateaux and	Bouenza, acco	ounting for 64	% and 14% o	f cases report	ed from week	against 56 cases in week 38 and 37 to week 39, respectively. Sind I areas include densely populated	ce the beginning of the	

Country	Event	Grade	Date notified to WHO	Start of reporting period	End of reporting period	Total cases	Cases Confirmed	Deaths	CFR	
Côte d'Ivoire	Poliomyelitis (cVDPV2)	Ungraded	29-0ct-19	29-0ct-19	18-Dec-19	-	-	-	-	
No case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week. So far, the only cVDPV2 isolated was from an environmental sample collected on 24 September 2019 in Abidjan. The isolated cVDPV2 is linked to a virus detected in Niger in 2018 that belongs to the Jigawa emergence group, which has previously also been detected in Cameroon, Chad, Niger, Benin, Ghana, and Togo.										
Democratic Republic of the Congo	Flood	Ungraded	17-Nov-19	28-Oct-19	8-Dec-19	-	-	-	-	
of South-Uban damage to field From November those of Shabu	gi, North-Ubangi a ds (400), water so er 22 to 25, 2019,	and Tshopo we urces (161), s the overflowir ngu, Kamulila	ere particularly chools (15), t ng of the Ulinc and Katchung	y affected by r oilets (990) a Ii River and its ju. Overall, 50	major floods. S nd residential s tributaries ca O homes, ove	Significant inf houses (4990 aused floods i	rastructural da). Approximat n several loca	ise in water levels as a result of tamages were observed in affecte ely 123 491 people are homeless lities of Shabunda territory, the ns, 3 schools and 1 community tr	d health zones including: s and lack basic necessities. nost affected of which are	
Democratic Republic of the Congo	Humanitarian crisis	Grade 3	20-Dec-16	17-Apr-17	18-Nov-19	-	-	-	-	
of people in ne an estimated 2 have been regist displacement v	ed of humanitaria 27 000 internally o stered in Kamango	n assistance. I displaced pers o health zone i 263 252 IDPs	Populations mones ons (IDPs) are noted in Beni territor in Itombwe, F	ovement due e living in 87 y and Mweso izi, Nundu and	to armed classites and 315 health zone in Minembwe.	hes continue families have n Masisi territ	to be reported been repatriat ory. In South	flicts and inter-community tensic I in North-Kivu, Ituri and South-K ed from Uganda. In North-Kivu, Kivu, clashes between armed gro 90 people who were expelled froi	(ivu provinces. In Ituri, more than 100 000 IDPs oups, led to population	
Democratic Republic of the Congo	Cholera	Grade 3	16-Jan-15	1-Jan-19	15-Dec-19	29 087	-	501	1.70%	
During week 50 (week ending 15 December 2019), a total of 585 suspected cases of cholera and 5 deaths (CFR 0.85%) were notified from 56 health zones in 13 provinces. The endemic provinces of North-Kivu, South-Kivu, Haut-Lomami, Haut-Katanga, Tshopo and Tanganyika account for 91% of cases reported during week 50. Between week 1 and week 50 of 2019, a total of 29 087 cases including 501 deaths (CFR 1.7%) have been notified from 23 out of 26 provinces. Compared to the same period in 2018 (week 1-50), there is a 2.3 % decrease in the number of reported cases and a 39% decrease in the number of deaths.										
Democratic Republic of the Congo	Ebola virus disease	Grade 3	31-Jul-18	11-May-18	11-Jan-19	3 395	3 277	2 235	66.00%	
Detailed update	e given above.		ı							
Democratic Republic of the Congo	Measles	Grade 2	10-Jan-17	1-Jan-19	29-Dec-19	311 471	6 304	6 045	1.90%	
Detailed update	e given above.		,	,	,					
Democratic Republic of the Congo	Monkeypox	Ungraded	n/a	1-Jan-19	15-Dec-19	5 117	-	104	2.00%	
provinces of Sa	ankuru (117), Tshi	uapa (42), Bas	s-Uele (39) an	d Equateur (2	A decreasi	ng trend in th	e number of c	eported from 19 provinces. Most ases has been noted since week es from Bas-Uele provinces.		
Democratic Republic of the Congo	Plague	Ungraded	12-Mar-19	28-Feb-19	15-Dec-19	51	-	8	15.70%	
From week 1 to 50 of 2019, a total of 51 cases of bubonic plague including eight deaths have been reported in the country. Aru health zone in Ituri province accounts for 81% of reported cases. No new cases were reported in week 50. The first five cases were reported during week 10 of 2019 in the Aungba endemic health zone. Two other cases were reported during week 13 (Aru health zone) and 14 (Aungba health zone). The latest cluster of cases was reported between week 39 (7 cases and 3 deaths) and 40 (14 cases) from Aru health zone. The case incidence has been on a steep decline since week 40, following the implementation of response measures from the Ministry of Health and its partners.										
Democratic Republic of the Congo	Poliomyelitis (cVDPV2)	Grade 2	15-Feb-18	1-Jan-18	3-Jan-20	84	84	0	0.00%	
	of cVDPV2 were re shuapa (1), and Ko							Haut Lomami (18), Kasai (8), Kv	wilu (8), Kwango (5), Haut	
Ethiopia	Chikungunya	Ungraded	25-Jul-19	27-May-19	8-Dec-19	54 908	29	0	0.00%	
	ases have reporte City (51 957), Ara				ing 30 July 20	019). As of 8 [ecember 201	9, 54 908 suspected cases were	reported from Dire Dawa City	

Country	Event	Grade	Date notified to WHO	Start of reporting period	End of reporting period	Total cases	Cases Confirmed	Deaths	CFR	
Ethiopia	Cholera	Ungraded	14-May-19	12-May-19	8-Dec-19	2 089	60	21	1.00%	
In week 48 (week ending 1 December 2019), 82 new suspected cases were reported in Afar and Oromia regions. As of 1December 2019, a total of 2 089 suspected cases including 21 deaths have been reported from eight regions with Oromia (835 cases), Afar (329), Somali (293), Amhara (191 cases), and Addis Ababa city (157 cases) reporting the majority of cases. A total of 57 cases have been laboratory confirmed.										
Ethiopia	Dengue	Ungraded	3-Nov-19	9-Sep-19	8-Dec-19	1 251	6	0	0.00%	
	37 and week 49 ir eek 38 when more					ed cases of de	engue fever w	ere reported from Afar region. Th	e peak of the outbreak was	
Ethiopia	Measles	Ungraded	14-Jan-17	1-Jan-19	8-Dec-19	9 672	795	-	-	
416), Amhara	(week ending 8 De (703) and Afar (54 enty percent of the	l8) regions. Cl	nildren aged le	ss than five y	ears are the n	nost affected a	9 672 suspect accounting fo	red measles cases reported from r 50.14% of the total cases follow	Oromia (5 820), Somali (2 ved by age group 15-44 years	
Ethiopia	Poliomyelitis (cVDPV2)	Ungraded	24-Jun-19	20-May-19	18-Dec-19	5	5	0	0.00%	
								ralysis of the last case was on 9 d the fifth case is part of a newly		
Ghana	Poliomyelitis (cVDPV2)	Grade 2	9-Jul-19	8-Jul-19	18-Dec-19	9	9	0	0.00%	
Two new case outbreak in Ni		ine-derived po	oliovirus type	2 (cVDPV2) ca	ases were rep	orted in the p	ast week. The	re are eleven cVDPV2 cases in 2	019 linked to the Jigawa	
Guinea	Measles	Ungraded	9-May-18	1-Jan-19	3-Nov-19	4 690	1 091	18	0.30%	
cases includin	g 18 deaths (CFR (0.4%) have be	en reported. (Of the 4 690 s	uspected case	es, 1 773 were	e sampled, of	44 (1 January – 3 November 20 which 1 091 tested positive for n Mamou health district and Sou	neasles by serology. Three	
Kenya	Cholera	Ungraded	21-Jan-19	2-Jan-19	29-Dec-19	5 150	264	39	0.80%	
twelve of the		ya reported ch	nolera cases, n	amely: Embu	, Garissa, Kaji	ado, Kisumu,		sa (31 cases) and Turkana (20 ca lakueni, Mandera, Mombasa, Nai		
Kenya	Leishmaniasis	Ungraded	31-Mar-19	1-Jan-19	15-Dec-19	2 879	1 665	34	1.20%	
	eek ending 16 Dec Mandera, Marsabi				d. Since the b	eginning of th	ie outbreak, s	uspected and confirmed cases of	leishmaniasis have been	
Kenya	Measles	Ungraded	6-May-19	20-Mar-19	15-Dec-19	510	17	1	0.20%	
were reported		Kajiado West	Sub-County of	n 8 Septembe	er 2019 (425	suspected cas		n 7 confirmed have been reported led and 1 death). Additionally, 10		
Lesotho	Measles	Ungraded	26-0ct-19	25-Oct-19	16-Nov-19	59	4	0	0.00%	
								sted cases have been reported, 4 . The outbreak has affected more		
Liberia	Lassa fever	Ungraded	23-Jan-19	1-Jan-19	8-Dec-19	79	45	20	25.30%	
been reported		y. Of samples	tested from 15	53 of the susp	ected cases a	it the National	Public Health	nuary - 8 December 2019, a tota n Reference Laboratory of Liberia 5/45).		
Liberia	Measles	Ungraded	24-Sep-17	1-Jan-19	22-Dec-19	1 692	267	5	0.30%	
	eek ending on 22 [across the country							oss the country. Since the beginry confirmed.	ning of 2019, 1 692 cases have	
Mali	Humanitarian crisis	Protracted 1	n/a	n/a	7-Dec-19	<u>-</u>	<u>-</u>	-	-	
increasing, an Faso border. T	d it was estimated	at 199 385 in facing infection	October 2019 ous diseases o	. This increase utbreaks which	e is associate ch include yell	d with repeate	ed violence in	ns of the country. The number of Mopti, Gao, Menaka and zones in gue. Cases of malnutrition contil	n the neigbourhood of Burkina	
Mali	Dengue	Ungraded		1-Jan-19	7-Dec-19	20	9	0	0.00%	
								ct. From Week 1 to week 48, a to	tal of nine out of 16 samples	

			Dete	Obout of	Ford of					
Country	Event	Grade	Date notified to WHO	Start of reporting period	End of reporting period	Total cases	Cases Confirmed	Deaths	CFR	
Mali	Measles	Ungraded	20-Feb-18	1-Jan-19	29-Dec-19	1 215	360	0	0.00%	
As of week 52 (week ending on 29 December 2019), 1 215 suspected cases of measles have been reported from three regions in the country. Of these, 360 were confirmed IgM-positive.										
Mali	Yellow fever	Ungraded	3-Dec-19	3-Nov-19	22-Dec-19	41	5	7	17.10%	
As of 22 December 2019, a total of 41 cases have been reported including 33 suspected cases, 3 probable cases and 5 confirmed from two regions: Sikasso and Koulikoro. Five deaths have been reported including 2 among confirmed cases.										
Namibia	Hepatitis E	Protracted 1	18-Dec-17	8-Sep-17	15-Dec-19	6 974	1 704	59	0.80%	
decrease in the epidemiologica occurred in pro	e number of cases ally linked, and 95	reported in wollength in work to suspected has turn women. (eeks 49 and 5 ave been repo Cases have be	O compared t rted countryw en reported fi	o weeks 47 ar vide. A cumula rom 12 out of	nd 48. As of 1 ative number o	5 December 2 of 59 deaths h	ne majority (35 cases) from Kho 019, a cumulative total of 1 704 ave been reported nationally (CF nely, Khomas, Omusati, Erongo,	laboratory-confirmed, 4 319 R 0.8%), of which 24 (41%)	
Niger	Flood	Ungraded	1-Jun-19	1-Jun-19	20-Dec-19	-	-	-	%	
collapsed during Komadougou 'municipalities	ng that period. A s Yobé river around are those of Diffa, ial services such a	econd wave of 45 594 people Gueskerou an as shelters, foc	f flooding has were affected d Chétimari. I	taken place s d according to n Tahoua, hea	ince October i the Ministry avy rainfall in t	in the Diffa an of Humanitari the commune	d Tahoua regi an Action and	s affected, including 57 people wons. In Diffa region, following an Management of Catastrophe (Alaffected 249 households. There is	exceptional flood from 1 / GC). The most affected	
Niger	Humanitarian crisis	Protracted 1	1-Feb-15	1-Feb-15	18-Dec-19	-	-	-	-	
The security situation continues to worsen in bordering areas of Burkina Faso, Mali and Nigeria following Boko Haram and Djihadistes attacks in the region. The number of displaced people is increasing in Tillaberi, Maradi, Diffa. Since September 2019, more than 40 000 Nigerian refugees have crossed the border seeking safety in west Niger and the Burkina Faso border area has seen increasing attacks by jihadist armed groups against the local population and authorities, leading to states of emergency declared in several departments. This security situation is hampering the humanitarian access and affecting the access to basic health and social services. A total of 46 health posts and 4 health centres have closed due to insecurity.										
Niger	Measles	Ungraded	10-May-19	1-Jan-19	29-Dec-19	10 207	-	55	0.50%	
581 cases incl (575 including Zinder (2). No	uding 8 deaths), Ta 3 death), Diffa (3	ahoua (1 932 i 14 with no dea ssed the epide	including 25 d iths) and Doss mic threshold	leaths), Zinde so (324 cases	r (1 574 inclu including 4 d	ding 11 death eaths). During	s), Niamey (1 g week 52, thr	regions the country. The cases h 271 with 1 death), Tillaberi (636 ee cases and no death were repo ek 12, and following a vaccinatio	including 3 deaths), Agadez orted from Tahoua (1) and	
Nigeria	Humanitarian crisis	Protracted 3	10-0ct-16	n/a	15-Dec-19	-	-	-	-	
camps in the r	egion. Due to shrii	nking humanit nedical teams	arian space ho , ambulances,	ealth partners immunizatio	are facing ch n staff and me	allenges in de	livery of timel	security compromised areas with y and urgent life-saving assistan ns across Borno State. The chole	ce as access challenges are	
Nigeria	Cholera	Ungraded	19-Jun-19	15-May-19	9-Dec-19	895	207	15	1.70%	
Three new cases of cholera were reported in Adamawa State from 27 November to 6 December 2019 from Yola North (2) and Yola South (1) Local Government Areas. From 15 May to 6 December 2019, a cumulative total of 839 suspected cases with four deaths have been reported from four LGAs: Yola North (513 cases with two deaths), Girei (200 cases with one death), Yola South (125 cases with one death), and South (125 c										
Nigeria	Lassa fever	Ungraded	24-Mar-15	1-Jan-19	1-Dec-19	812	793	181	22.30%	
During week 48 (week ending 1 December 2019), eight new confirmed cases with two deaths were reported from Ondo (6 cases with two deaths), and Edo (2 cases with zero deaths) states. Eighty-six Local Government Areas (LGAs) across 23 states have reported at least one confirmed case since the beginning of 2019. Nineteen (19) healthcare workers across 10 states have been infected since the beginning of 2019. A total of 347 contacts are currently being followed.										
Nigeria	Measles	Ungraded	25-Sep-17	1-Jan-19	30-Nov-19	58 916	2 767	289	0.50%	
Between epi weeks 44 - 48 (week ending 30 November 2019), a total of 2 064 suspected cases of measles were reported from 36 states including 7 deaths (CFR 0.3%). Katsina (342), Borno (248), Kaduna (237, Yobe (216), Sokoto (142), Kano (106) and Adamawa (83) account for 67% of all the cases reported in the time period. Between epi week 1 and 48, a total of 58 916 suspected cases have been recorded from 759 LGAs in 36 states and FCT with 289 deaths (CFR 0.5%). Of the 12 467 samples tested, 2 767 were IgM positive for measles.										
Nigeria	Monkeypox	Ungraded	26-Sep-17	24-Sep-17	30-Nov-19	336	181	7	2.10%	
								onth of November from five state 2019, 44 of which were confirme		
Nigeria	Poliomyelitis (cVDPV2)	Grade 2	1-Jun-18	1-Jan-18	18-Dec-19	52	52	0	0.00%	
No case of circ	ulating vaccine-de	erived polioviru	us type 2 (cVI	PV2) was rep	orted this we	ek. There are	18 cVDPV2 ca	ases reported in 2019 and 34 cV	DPV2 cases in 2018.	
	lo case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported this week. There are 18 cVDPV2 cases reported in 2019 and 34 cVDPV2 cases in 2018.									

Country	Event	Grade	Date notified to WHO	Start of reporting period	End of reporting period	Total cases	Cases Confirmed	Deaths	CFR	
Nigeria	Yellow fever	Ungraded	14-Sep-17	1-Jan-19	16-Nov-19	3 787	129	192	5.10%	
From 1 Januar	From 1 January 2010 to 10 Navambar 2010, a total of 2707 avanaged of July favors again have been reported from COA and of 774 J. CAs agrees all the 20 states and the Endard									

From 1 January 2019 to 16 November 2019, a total of 3787 suspected yellow fever cases have been reported from 604 out of 774 LGAs across all the 36 states and the Federal capital territory. Of the samples taken, 166 have tested positive for yellow fever IgM in Nigerian network laboratories. Also, 129 samples from 18 states were confirmed positive using real time polymerase chain reaction (RT-PCR). There have been 192 deaths among suspected cases (CFR 5.1%) and 20 deaths among confirmed cases (CFR 15.5%). Four states Katsina, Bauchi, Edo and Ebonyi accounting for 62% of all the confirmed cases in 2019.

Sierra Leone Lassa fever Ungraded 22-Nov-19 30-Oct-19 6-Dec-19 7 5 4 57.10%

No new confirmed cases have been reported since 24 November 2019 from Tonkolili district. From 30 October to 6 December, a total of five cases (three confirmed and two probable) with three deaths have been reported in Tonkolili district. Of the total 71 contacts identified, 38 have completed 21 days of monitoring while 33 are still being followed. In a separate cluster, two-laboratory confirmed cases with one death were reported fom Kenema district from 27 to 28 November 2019. A total of 119 contacts of these cases are being followed.

South Sudan Flood Ungraded 28-Oct-19 29-Oct-19 15-Dec-19 - - - - - -

On 29 October 2019, the president of South Sudan declared a state of emergency in 27 counties following the extreme destruction of livelihoods of nearly one million people due to the worst seasonal flooding in many years. Over 620 000 people needed immediate humanitarian assistance. The flood water in some locations have destroyed homes, displaced families, crops, rendered basic services and markets non-functional, particularly in Jonglei, Upper Nile, Unity, Warrap, Northern Bahr el Ghazal, Eastern Equatoria and parts of Central Equatoria. In the last two weeks there have been light showers but with no associated flash flooding. In Pibor and other locations that were worst affected the is a slight reduction in the level of flood waters. The roads are still not passable, and response relies on helicopters and boats.

South Sudan Humanitarian crisis 7 Protracted 3 15-Aug-16 n/a 30-Oct-19 - - - - - - - -

The humanitarian situation has been largely calm but unpredictable in most of the states. The number of internally displaced people (IDPs) in South Sudan was estimated at 1.47 million. Malnutrition continues to be a problem in the country as more than 6.35 million people are reported to be severely food insecure in South Sudan. Communicable disease burden remains high with ten counties reporting malaria cases above their epidemic thresholds and measles cases being reported from 16 counties (Abyei, Mayom, Melut, Aweil South, Aweil East, Tonj North, Juba, Wau, Aweil West, Gogrial West, Gogrial East, Renk, Tonj South, Jur River, Pibor and Yambio) and four protections of civilian (PoC) sites (Juba, Bentiu, Malakal and Wau).

 South Sudan
 Hepatitis E
 Ungraded
 3-Jan-18
 1-Dec-19
 125
 41
 2
 1.60%

The current outbreak in Bentiu POC continues. In week 48 (week ending 1 December 2019), three new suspected cases of Hepatitis E were reported. As of reporting date, a total of 113 cases and two deaths have been recorded from Bentiu POC and a total of 12 suspected cases including 4 confirmed cases in Lankein. The last cases in Lankein were reported in week 25 (week ending 23 June 2019).

South Sudan Measles Ungraded 24-Nov-18 1-Jan-19 1-Dec-19 3 963 169 23 0.60%

Between week 1 to week 48 of 2019, a total of 3 963 suspected cases of measles which 169 laboratory-confirmed and 23 deaths (CFR 0.6%) have been reported. The outbreak has affected 16 counties and 4 Protection of Civilians Sites POCs (Juba, Bentiu, Malakal and Wau). Measles cases continue to rise in 2019 with an average of 75 cases reported per week compared to 12 cases reported at the same period in 2018.

Togo | Poliomyelitis (cVDPV2) | Grade 2 | 18-Oct-19 | 13-Sep-19 | 18-Dec-19 | 3 | 3 | 0 | 0.00%

One case of circulating vaccine-derived poliovirus type 2 (cVDPV2) was reported from Plateaux province this week. There are four cVDPV2 cases in 2019 in the country linked to Jigawa outbreak in Nigeria.

Uganda Humanitarian crisis - refugee Ungraded 20-Jul-17 n/a 30-Nov-19 - - - - - -

Between 1 and 31 October 2019, a total of 6 623 new refugee arrivals crossed into Uganda from the Democratic Republic of the Congo (4 016), South Sudan (2 167) and Burundi (440). Uganda hosted 1 362 269 asylum seekers as of 31 October 2019, with 95% living in settlements in 11 of Uganda's 128 districts and in Kampala. The majority of refugees are from South Sudan (62.9%), the Democratic Republic of the Congo (28.8%) and Burundi (3.5). Most are women within the age group 18 - 59 years.

Uganda Rift valley fever Ungraded 28-Nov-19 15-Nov-19 19-Dec-19 2 2 2 100.00%

On 5 December a second confirmed case of Rift Valley fever was reported from Ntoroko district, Uganda. This was a 25-year-old male from the Democratic Republic of Congo who was living and working in Kimara Village, Butungama sub-county in Ntorroko district, Uganda. Following the presentation of haemorrhagic symptoms on 5 December 2019, a viral haemorrhagic disease was suspected, and the case was isolated in an ETC for treatment. A sample was collected and sent to UVRI on the same day and the case-patient later died on 6 December 2019. A safe and dignified burial was conducted on 17 December 2019. As of 19 December 2019, a total of 2 cases and 2 deaths have been reported from Ntoroko and Obongi Districts.

 Zambia
 Poliomyelitis (cVDPV2)
 Grade 2
 17-Oct-19
 16-Jul-19
 18-Dec-19
 2
 2
 0
 0.00%

One new case of circulating vaccine-derived poliovirus type 2 (cVDPV2) has been reported this week. The onset of paralysis for the new case was on 13 November 2019 from Kalabo District, Western Province. There is a total of two cVDPV2 cases in 2019.

†Grading is an internal WHO process, based on the Emergency Response Framework. For further information, please see the Emergency Response Framework:

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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