

OVERALL SITUATION

Poor recovery from the drought that affected Somalia in 2016/2017 as well as the negative impact of low *Gu* rains (April–June 2019) and low *Deyr* rains (October–December 2018) have led to the 2.2 million in need of urgent humanitarian assistance.

Adverse climatic conditions combined with other drivers of humanitarian crisis, such as armed conflict, have led to internal displacement and weakening of the fragile health system which is contributing to the increased number of cases of measles and diarrhoea.

DROUGHT KEY FACTS

2.2 Million people including

400 000 IDPs

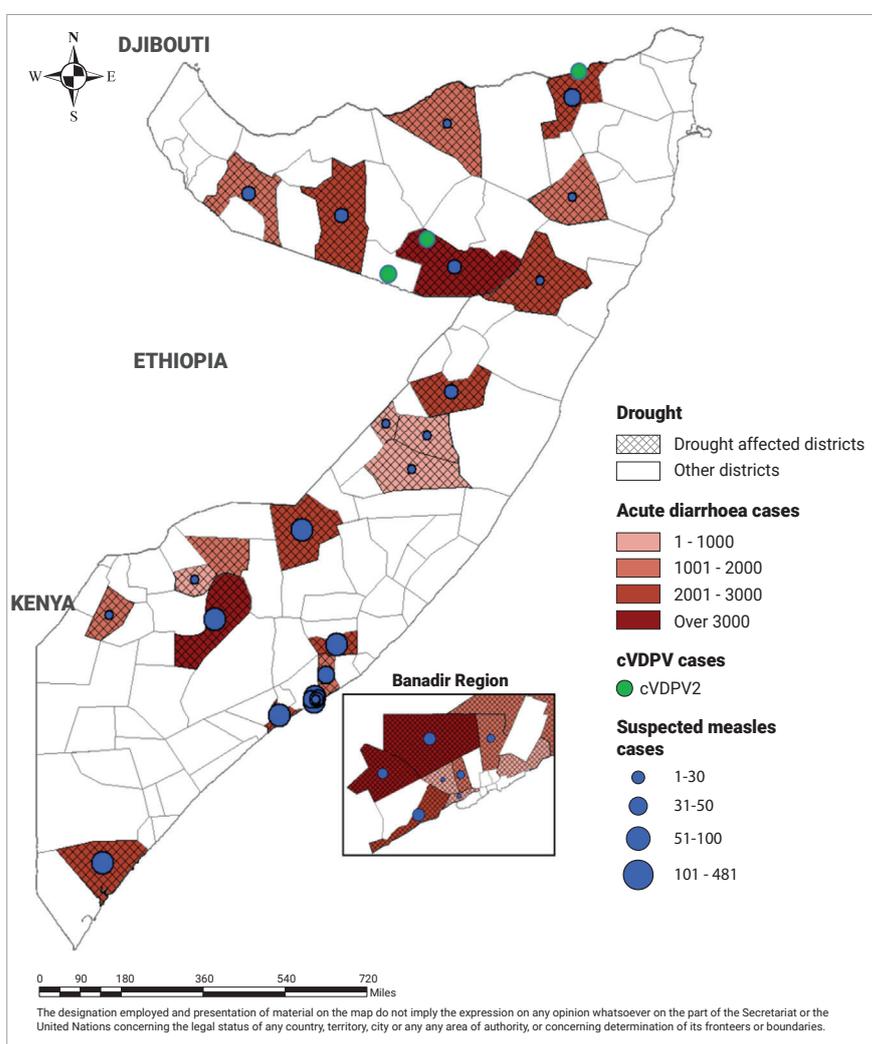
28 Districts affected by drought

230 Reporting health facilities in EWARN

86% Completeness of reporting

72% Timeliness of reporting

Map showing drought-affected areas of Somalia, and locations of cases of diarrhoea, circulating vaccine-derived polio virus (cVDPV) type 2 and measles



HEALTH SITUATION

04-10 November 2019

54¹ new cholera cases

69 suspected measles cases

2 395 acute diarrhoea cases

¹ The number of suspected cholera cases in weekly Cholera infographic is 66 collected from 17 Banadir districts

CHOLERA IN DROUGHT-AFFECTED DISTRICTS

Since December 2017, cholera cases have continued to be reported in Somalia. Among the drought-affected districts, active transmission of cholera has only been reported in Banadir region. A total of 1 718 cholera cases and one death were reported from eight districts of Banadir affected by drought during epidemiological weeks 1 to 46, 2019 (Table 1). Of the 844 stool samples tested since December 2017, 175 samples tested positive for *Vibrio cholerae* serotype Ogawa. Culture and sensitivity studies performed at the National Public Health Laboratory show that the *V. cholerae* serotype Ogawa isolated is sensitive to chloramphenicol and tetracycline but resistant to ampicillin and nalidixic acid.

ACUTE DIARRHOEAL DISEASES

Cases of acute diarrhoea have increased in 2019 compared with previous years; this is linked to the shortage of safe water, and poor hygiene and sanitation (Fig. 1). Since epidemiological week 1, a total of 118 176 cases of acute diarrhoea have been reported from drought-affected districts through EWARN. The most affected districts are Baidoa, Lasanood, Marka, Beletweyne and Burco. (See Table 1).

MEASLES

As a result of the mass measles vaccination campaign conducted in Somalia in 2018, the number of suspected cases of measles have decreased in 2019 compared with previous years (Fig. 2). Since epidemiological week 1, 2019, a total of 2 123 suspected cases of measles have been reported in drought-affected districts. Madina, Jowhar, Marka, Beletweyne and Baidoa are the most affected districts. (See Table 1). Since week 23, the number of suspected cases of measles has increased and is higher than the number of cases reported during the same period in 2018. This may be because of the gradual reduction in the monthly coverage of children vaccinated against measles and the presence of risk factors such as malnutrition in drought-affected districts (Fig. 3).

A total of 126 653 (74%) children under 1 year of age out of the targeted 171 400 received measles 1 vaccine (MCV1) in drought-affected districts from March to November 2019 (Fig. 3). During the drought monitoring period, March to October 2019, the vaccination coverage has been ranging between 61% and 83% per month against a monthly target of 21 425 children under 1 year of age.

POLIO UPDATES

No new cases of circulating vaccine-derived polio virus type 2 (cVDPV2) were confirmed this week. Between epidemiological weeks 1 and 45, three new cVDPV2 cases were confirmed in Somalia (Map). The most recent case of cVDPV2 was confirmed on 8 May 2019.

No new cases of circulating vaccine-derived polio virus type 3 (cVDPV3) reported from acute flaccid paralysis cases in 2019. The last case of cVDPV3 in Somalia was confirmed on 7 September 2018.

Fig. 1. Trends of acute diarrhoea cases reported in drought-affected districts of Somalia, 2017–2019

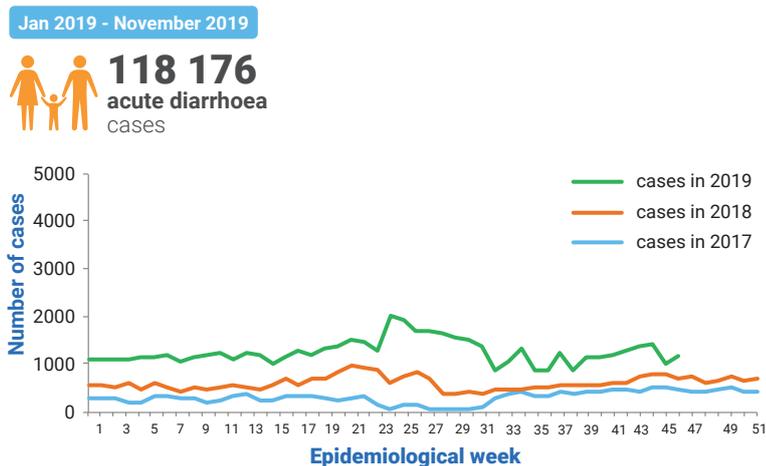


Fig. 2. Trends of measles cases reported in drought-affected districts of Somalia, 2017–2019

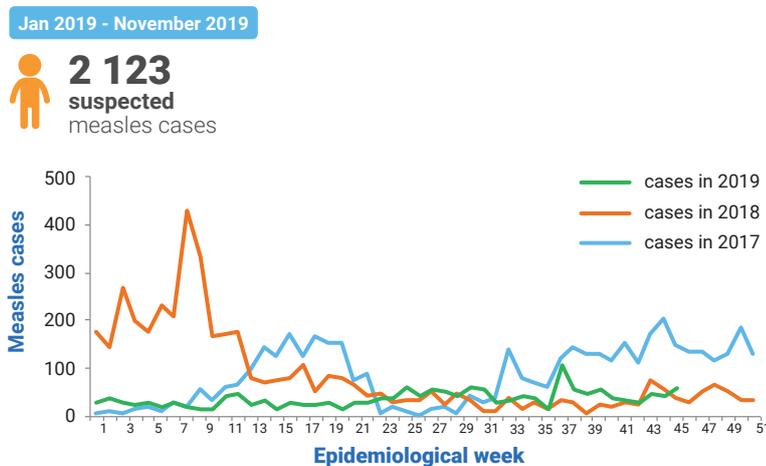
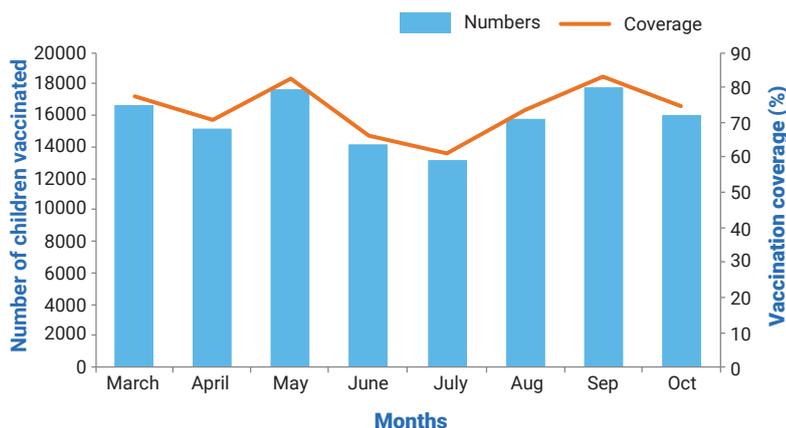


Fig. 3. Number of children under 1 year of age vaccinated against measles by month, 2019



All environmental samples were negative for both cVDPV2 and cVDPV3 in 2019.

More than 2.4 million children under 5 years of age are targeted for vaccination against measles and also receive Vitamin A along with 2.9 million children who will get Oral Polio Vaccine (OPV). The campaign, which will be implemented across Somalia, is scheduled for 24 to 28 November 2019.

Table 1. Cumulative numbers of diarrhoea, measles and cholera cases in drought-affected districts of Somalia (epidemiological weeks 1–46, 2019)^a

State/region	Districts	acute diarrhoea cases	Suspected measles cases	Suspected cholera cases
Banadir ^b	Daynile	5 317	125	421
	Hawal Wadag	1 786	40	80
	Hodan	232	9	489
	Kahda	3 707	60	87
	Karan	45	0	41
	Madina/Wadajir	3 120	613	506
	Waberi	691	30	54
	Yaqshid	1 471	40	40
Galmudug	Adado	908	27	0
	Dusamareeb	734	27	0
	Abudwaq	295	2	0
HirShabelle	Balad	2 070	74	0
	Jowhar	5 010	210	0
	Belet Weyne	8 830	138	0
Juba land	Kismayo	5 160	100	0
	Garbahare	1 423	9	0
Puntland	Garowe	5 627	18	0
	Bossaso	4 996	36	0
	Qardho	2 039	5	0
	Galkayo	6 208	40	0
Somaliland	Erigavo	3 555	6	0
	Hargeisa	4 256	33	0
	Las Anod	15 584	31	0
	Burao	9 132	47	0
South West state	Wajid	452	0	0
	Hudur	1 077	0	0
	Baidoa	15 267	223	0
	Marka	9 184	180	0
Total		118 176	2 123	1 718

^a The total number of cases reported on EWARN may change after verification by surveillance teams.

^b Banadir is a region not a state.

WHO and the Federal Ministry of Health continue to monitor trends of epidemic-prone diseases in drought-affected districts using the electronic EWARN. WHO and health cluster partners are implementing preparedness and response activities to prevent the negative effects of drought. WHO is also supporting different states to increase the number of health facilities submitting alerts of epidemic-prone diseases in EWARN. With support from Central Emergency Response Fund (CERF), WHO in collaboration with state level health authorities are implementing activities to avert the negative consequence of drought in selected districts of Jubbaland, Southwest state and Hirshabelle.

FLOOD MONITORING UPDATES

In week 46, 1 415 (901 female, 514 male and 286 children under five years of age) persons were displaced in Bardhere and Doble districts in Jubaland state, following flash floods. Approximately 2,000 pit latrines were destroyed leading to drinking water contamination. In response, WHO deployed eight (8) Integrated Emergency Response Teams (IERT) who reached 980 (666 female, 314 male and 166 children under five years of age) affected people with lifesaving primary health care services.

EPIDEMIC PRONE DISEASE ALERTS REPORTED

During week 46, alerts of acute watery diarrhea (80 cases), bloody diarrhea (16 cases), malaria (73 cases) and measles (27 cases) were reported in 120 health facilities in flood and drought-affected districts. The alerts were verified through field investigation by WHO deployed Rapid Response Team (RRT). Laboratory confirmation was done for malaria and acute watery diarrhea/cholera.

Reporting week	Alert description	No. Of alerts reported	No. Of alerts verified	No. Of true alerts
Week 46	Acute watery diarrhoea (AWD)	80	5	1
	bloody diarrhoea	16	1	0
	Malaria	73	15	7
	Measles	27	1	0
Total		196	22	8