

WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 16 (17-23 April 2023)

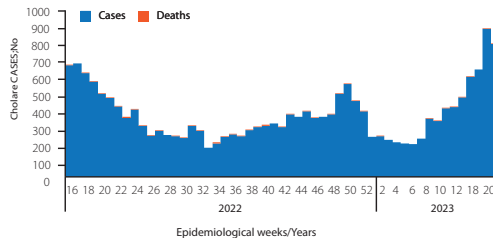
Highlights

- Somalia has had uninterrupted cholera transmission in 28 drought-affected districts since 2022 and in Banadir region since the drought period of 2017.
- During week 16, 776 new suspected cases with two associated deaths were reported from 28 drought-affected districts. The number of cholera cases reported in all districts decreased by 10%. However, cases decreased by 20% in Beletwaha and 12% in Kismayo district in the past two weeks (Table 1).
- Since epidemiological week 1 of 2023, a total of 6305 suspected cases of cholera including 19 associated deaths (CFR 0.3%) were reported from 28 districts of Somalia.
- The overall case fatality rate (CFR) of 0.3% reported from 28 drought-affected districts is below the emergency threshold of $\geq 1\%$. However, the CFR of 1.6% was reported in Dolow district in week 16.
- Since epidemiological week 1, 2023 a cumulative attack rate (CAR) of 148 cases per 100 000 population was reported. Beletwaha (1796 cases per 100,000), Afmadow (944 cases per 100,000), Dayniile (330 cases per 100,000) and Kismayo (351 cases per 100,000) have reported the highest CAR amongst all the affected districts (Table 2).
- Of the 826 stool samples collected since epidemiological week 1 2023, 22 (2.7%) stool sample were tested positive for *Vibrio cholerae* 01 serotype Ogawa.
- WHO and health partners have scaled up implementation of cholera response interventions in drought affected districts focussing on Jubaland state which is the current epicentre of the current outbreak.

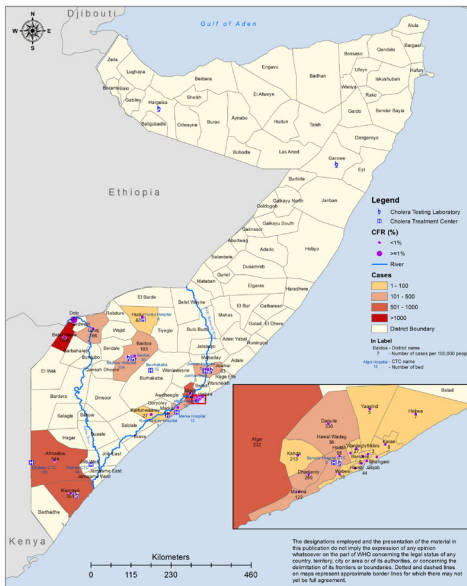
Table 1: suspected cholera cases, deaths and case fatality rate reported in week 12-13 and cumulative cases from week 1-13,2023

District/Region	Outbreak start date	Week 15			Week 16			Cumulative (wk1-16) 2023		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	October, 2017	74	0	0.0	77	0	0.0	977	0	0.0
Afgoye	October, 2022	45	0	0.0	34	0	0.0	530	1	0.2
Baidoa	January, 2022	52	0	0.0	47	0	0.0	398	0	0.0
Kurtunwarye	June, 2022	0	0	0.0	0	0	0.0	30	0	0.0
Merka	March, 2022	12	0	0.0	13	0	0.0	193	0	0.0
Hudur	May, 2022	0	0	0.0	0	0	0.0	66	0	0.0
Jowhar	April, 2022	29	0	0.0	28	0	0.0	306	0	0.0
Kismayo	September, 2022	116	0	0.0	102	0	0.0	990	2	0.2
Afmadow	December, 2022	42	0	0.0	36	0	0.0	819	7	0.9
Beletwaha	February, 2023	355	1	0.3	285	1	0.4	1700	7	0.4
Luq	April, 2023	107	0	0.0	90	0	0.0	197	0	0.0
Dolow	April, 2023	35	1	2.9	64	1	1.6	99	2	2.0
Total		867	2	0.2	776	2	0.3	6305	19	0.3

Figure 1: Epidemiological curve for cholera cases and deaths in Somalia 2022-2023



Map 1. Number of reported cholera cases and case fatality rate by district, epidemiological week 1-16 2023



Summary Statistics

New cases in Week 16 (17-23 April 2023)

- 776 new cases
- 465 (59.9%) are children below 5 years
- 413 (53.2%) are female
- 2 associated deaths

Cumulative cases Week 1-16 (2 January to 23 April 2023)

- 6305 cumulative cases
- 3458 (54.8%) are children below 5 years
- 3247 (51.5%) are female
- 1952 (31.0%) are severe cases
- 19 cholera-associated deaths (CFR 0.3%)
- 14 (76.5%) deaths are children under 5 years

Table 2: reported cholera cases, deaths, case-fatality rate (CFR) and cumulative attack rate (CAR) by districts (epidemiological week 1-15; 2023 (2 January-23 April 2023))

State/region	Number	District	Cases	Deaths	CFR (%)	Population	Attack Rate (per 100 000 population)
Banadir	1	Abdul Aziz	4	0	0	51 040	8
	2	Bondere	13	0	0	140 872	9
	3	Danyiile	249	0	0	75 499	330
	4	Dharkenly	167	0	0	62 968	265
	5	Hamar Jabjab	37	0	0	83 706	44
	6	Hamar Weyn	6	0	0	99 783	6
	7	Hawl Wadag	32	0	0	90 118	36
	8	Heliwa	7	0	0	100 038	7
	9	Hodan	156	0	0	164 941	95
	10	Kahda	15	0	0	31 455	213
	11	Karan	22	0	0	283 781	8
	12	Shangani	4	0	0	56 143	7
	13	Shibis	6	0	0	183 743	3
	14	Waberi	18	0	0	117 189	15
	SouthWest	15	Wadajir	141	0	0	115 451
16		Wardigley	33	0	0	123 536	27
17		Yaqshid	15	0	0	296 031	5
18		Afgoye	530	1	0.2	228 291	232
19		Baidoa	398	0	0	385 120	103
20		Kurtunwarye	30	0	0	110 661	27
21		Hudur	66	0	0	157 336	42
22		Merka	193	0	0	326 240	59
Hirshabelle	23	Jowhar	306	0	0	368 661	83
	24	Kismayo	990	2	0.2	281 817	351
Jubaland	25	Afmadow	819	7	0.9	86 800	944
	26	Beletwaha	1700	7	0.4	94 672	1796
	27	Luq	197	0	0	105 921	186
	28	Dolow	99	2	2	44 757	221
Total			6 305	19	0.3	4 266 569	148