

WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 43 (23-29 October 2023)

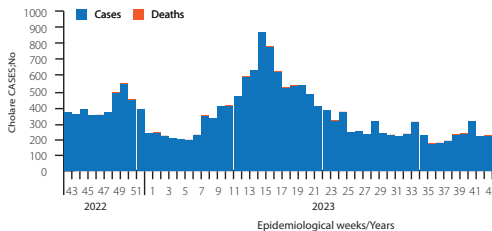
Highlights

- Somalia has had uninterrupted cholera transmission in 29 drought-affected districts since 2022 and in Banadir region since the drought of 2017.
- During week 43, 219, new suspected cases with one associated death were reported from 29 drought-affected districts. The number of new cases decreased by 28% in all districts in the past three weeks (Table 1).
- Since epidemiological week 1 of 2023, a total of 14626 suspected cases of cholera including 39 associated deaths (CFR 0.3%) were reported from 29 districts of Somalia.
- The overall case fatality rate (CFR) of 0.3% reported from 29 drought-affected districts is below the emergency threshold of $\geq 1\%$. However, the CFR in Burhakaba is 1%.
- Since epidemiological week 1, 2023 a cumulative attack rate (CAR) of 327 cases per 100 000 population was reported. Belethawa (3195 cases per 100,000), Afmadow (1036 cases per 100,000) Dolow (1437 cases per 100,000) and Daynile (976 cases per 100,000) have reported the highest CAR amongst all the affected districts (Table 2).
- Of the 2372 stool samples collected since epidemiological week 1 2023, 658 (27.7%) samples tested positive by Rapid Diagnostic Kit (RDT) while 224 (9.4%) stool samples were tested positive for *Vibrio cholerae* O1 serotype Ogawa while one sample from Afmadow tested positive for *Vibrio cholerae* O1 serotype Inaba.
- WHO and health partners are scaling up the implementation of cholera preparedness and response activities in anticipation for flash floods resulting from El Nino season which is expected to start in October 2023.

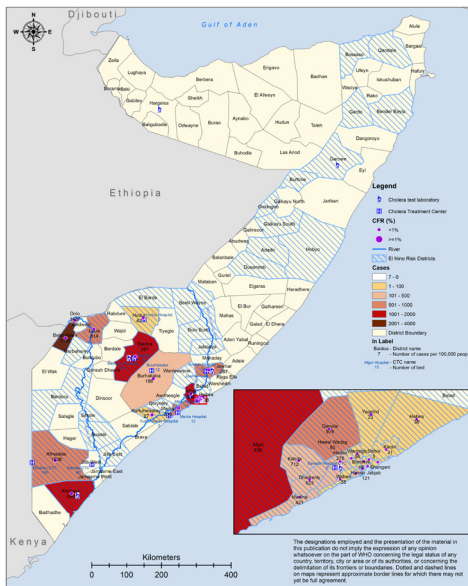
Table 1: suspected cholera cases, deaths and case fatality rate reported in week 1- 40 and cumulative cases from week 1- 42,2023

District/Region	Outbreak start date	Week 42			Week 43			Cumulative (wk1- 40) 2023		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	October, 2017	35	0	0.0	50	0	0.0	2851	0	0.0
Algooye	October, 2022	37	0	0.0	36	1	2.8	1451	7	0.5
Baidoa	January, 2022	13	0	0.0	9	0	0.0	1121	3	0.3
Burhakaba ¹	August, 23	15	0	0.0	13	0	0.0	395	4	1.0
Kurtumwarye	June, 2022	0	0	0.0	0	0	0.0	30	0	0.0
Merka	March, 2022	19	0	0.0	27	0	0.0	651	2	0.3
Hudur	May, 2022	0	0	0.0	0	0	0.0	66	0	0.0
Jowhar	April, 2022	24	0	0.0	25	0	0.0	985	0	0.0
Kismayo	September, 2022	22	0	0.0	26	0	0.0	1859	2	0.1
Afmadow	December, 2022	0	0	0.0	0	0	0.0	899	7	0.8
Belethawo	February, 2023	51	0	0.0	33	0	0.0	3025	10	0.3
Luq	April, 2023	0	0	0.0	0	0	0.0	650	2	0.3
Dolow	April, 2023	0	0	0.0	0	0	0.0	643	2	0.3
Total		216	0	0.0	219	1	0.5	14 626	39	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 1-43 2023



Summary Statistics

New cases in Week 43 (23-29 October 2023)

219 new cases
131 (59.8%) are children below **5** years
113 (51.6%) are female

Cumulative cases Week 1-43 (2 Jan to 29 October 2023)

14 626 cumulative cases
7883 (53.9%) are children below **5** years
7591 (51.9%) are female
6888 (46.9%) are severe cases
39 cholera-associated deaths (**CFR 0.3%**)
26 (66.7%) deaths are children under 5 years

Table 2: Reported cholera cases, deaths, Case Fatality Rates (CFR) and Cumulative attack rates by districts (week 1- 43) (2 January to 29 October 2023)

State/region	Number	District	Cases	Deaths	CFR (%)	Population	Attack Rate (per 100 000 population)
Banadir	1	Abdul Aziz	7	0	0.0	51,040	14
	2	Bondere	22	0	0.0	140,872	16
	3	Danyile	737	0	0.0	75,499	976
	4	Dharkenly	392	0	0.0	62,968	623
	5	Hamar Jabjab	101	0	0.0	83,706	121
	6	Hamar Weyn	11	0	0.0	99,783	11
	7	Hawl Wadag	72	0	0.0	90,118	80
	8	Heliwa	38	0	0.0	100,038	38
	9	Hodan	455	0	0.0	164,941	276
	10	Kahda	224	0	0.0	31,455	712
	11	Karan	87	0	0.0	283,781	31
	12	Shangani	7	0	0.0	56,143	12
	13	Shibis	10	0	0.0	183,743	5
14	Waberi	64	0	0.0	117,189	55	
15	Wadajley	486	0	0.0	115,451	421	
16	Wadagley	69	0	0.0	123,536	56	
17	Yaqshid	69	0	0.0	296,031	23	
18	Yogye	1451	7	0.5	228,291	636	
19	Baidoa	1121	3	0.3	385,120	291	
SouthWest	20	Kurtumwarye	30	0	0.0	110,667	27
	21	Hudur	66	0	0.0	157,336	42
	22	Merka	651	2	0.3	326,240	200
Hirshabelle	23	Burhakaba	395	4	1.0	212,404	186
	24	Jowhar	985	0	0.0	368,661	267
	25	Kismayo	1859	2	0.1	281,817	660
	26	Afmadow	899	7	0.8	86,800	1036
	27	Belethawo	3025	10	0.3	94,672	3195
	28	Luq	650	2	0.3	105,921	614
	29	Dolow	643	2	0.3	44,757	1437
Total			14 626	39	0.3	4,478,973	327