

WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 38 (18-24 September 2023)

Highlights

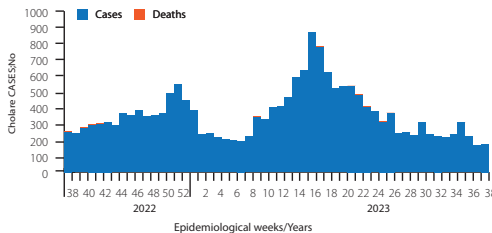
- Somalia has had uninterrupted cholera transmission in 29 drought-affected districts since 2022 and in Banadir region since the drought of 2017.
- During week 38, 186 new suspected cases with no associated deaths were reported from 29 drought-affected districts. The number of new cases reduced by 56% in all districts in the past eight weeks. (Table 1).
- Since epidemiological week 1 of 2023, a total of 13429 suspected cases of cholera including 33 associated deaths (CFR 0.2%) were reported from 29 districts of Somalia.
- The overall case fatality rate (CFR) of 0.2% reported from 29 drought-affected districts is below the emergency threshold of $\geq 1\%$.
- Since epidemiological week 1, 2023 a cumulative attack rate (CAR) of 300 cases per 100 000 population was reported. Belethawa (2991 cases per 100,000), Afmadow (1036 cases per 100,000 Dolow (1437 cases per 100,000) and Daynile (897 cases per 100,000) have reported the highest CAR amongst all the affected districts (Table 2).
- Of the 2054 stool samples collected since epidemiological week 1 2023, 574 (29.8%) samples tested positive by Rapid Diagnostic Kit (RDT) while 196 (10.0%) stool samples were tested positive for *Vibrio cholerae* O1 serotype Ogawa while one sample from Afmadow tested positive for *Vibrio cholerae* O1 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 expected to start in October 2023.

Table 1: suspected cholera cases, deaths and case fatality rate reported in week 1- 36 and cumulative cases from week 1-38,2023

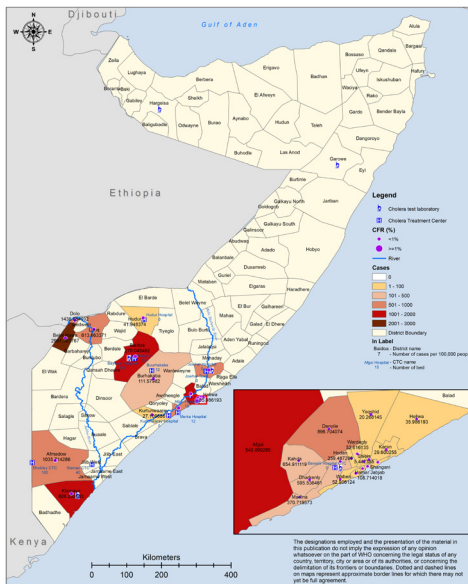
District/Region	Outbreak start date	Week 37			Week 38			Cumulative (wkl-38) 2023		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	October, 2017	29	0	0.0	26	0	0.0	2634	0	0.0
Algooye	October, 2022	21	0	0.0	20	0	0.0	1233	4	0.3
Baidoa	January, 2022	24	0	0.0	26	0	0.0	1040	3	0.3
Burhakaba ¹	August, 23	29	0	0.0	33	0	0.0	237	2	0.8
Kurtumwarye	June, 2022	0	0	0.0	0	0	0.0	30	0	0.0
Merka	March, 2022	25	0	0.0	26	0	0.0	534	1	0.2
Hudur	May, 2022	0	0	0.0	0	0	0.0	66	0	0.0
Jowhar	April, 2022	21	0	0.0	26	0	0.0	866	0	0.0
Kismayo	September, 2022	5	0	0.0	0	0	0.0	1765	2	0.1
Afmadow	December, 2022	0	0	0.0	0	0	0.0	899	7	0.8
Belethawo	February, 2023	20	0	0.0	29	0	0.0	2832	10	0.4
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		174	0	0.0	186	0	0.0	13 429	33	0.2

¹ A new cholera outbreak was reported in Burhakaba in week 34 and number of cases added to previous total of week 34

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 1-38 2023



Summary Statistics

New cases in Week 38 (18-24 September 2023)

- 186 new cases
- 101 (54.3%) are children below 5 years
- 104 (55.9%) are female

Cumulative cases Week 1-38 (2 Jan to 24 Sept 2023)

- 13 429 cumulative cases
- 7174 (53.4%) are children below 5 years
- 6967 (51.9%) are female
- 6224 (46.3%) are severe cases
- 33 cholera-associated deaths (CFR 0.2%)
- 22 (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 1-38) (2 January to 24 September 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	19	0	0.0	140 872	13
	3	Danyile	677	0	0.0	75 499	897
	4	Dharkenly	375	0	0.0	62 968	596
	5	Hamar Jabjab	91	0	0.0	83 706	109
	6	Hamar Weyn	11	0	0.0	99 783	11
	7	Hawl Wadag	68	0	0.0	90 118	75
	8	Heliwa	36	0	0.0	100 038	36
	9	Hodan	428	0	0.0	164 941	259
	10	Kahda	206	0	0.0	31 455	655
	11	Karan	84	0	0.0	283 781	30
	12	Shangani	7	0	0.0	56 143	12
	13	Shibis	10	0	0.0	183 743	5
	14	Waberi	62	0	0.0	117 189	53
	15	Wadajir	428	0	0.0	115 451	371
	16	Wadagley	65	0	0.0	123 536	53
	17	Yaqshid	60	0	0.0	296 031	20
	18	Yagshid	1233	4	0.3	228 291	540
	19	Baidoa	1040	3	0.3	385 120	270
SouthWest	20	Kurtumwarye	30	0	0.0	110 661	27
	21	Hudur	66	0	0.0	157 336	42
	22	Merka	534	1	0.2	326 240	164
Hirshabelle	23	Burhakaba	237	2	0.8	212 404	112
	24	Jowhar	866	0	0.0	368 661	235
	25	Kismayo	1765	2	0.1	281 817	626
	26	Afmadow	899	7	0.8	86 800	1036
	27	Belethawo	2832	10	0.4	94 672	2991
	28	Luq	650	2	0.3	105 921	614
	29	Dolow	643	2	0.3	44 757	1437
Total			13 429	33	0.2	4 478 973	300