

WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 39 (25 September-1 October 2023)

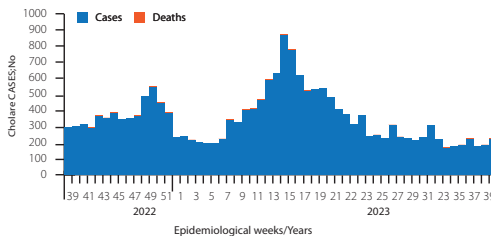
Highlights

- Somalia has had uninterrupted cholera transmission in 29 drought-affected districts since 2022 and in Banadir region since the drought of 2017.
- During week 39, 223 new suspected cases with two associated deaths were reported from 29 drought-affected districts. The number of new cases increased by 20% in all districts and by almost two-fold in Burhakaba in the past two weeks. (Table 1).
- Since epidemiological week 1 of 2023, a total of 13652 suspected cases of cholera including 35 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 $\geq 1\%$.
- Since epidemiological week 1, 2023 a cumulative attack rate (CAR) of 305 cases per 100 000 population was reported. Belethawa (3010 cases per 100,000), Afmadow (1036 cases per 100,000 Dolow (1437 cases per 100,000) and Daynile (909 cases per 100,000) have reported the highest CAR amongst all the affected districts (Table 2).
- Of the 2116 stool samples collected since epidemiological week 1 2023, 585 (27.6%) samples tested positive by Rapid Diagnostic Kit (RDT) while 203 (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.

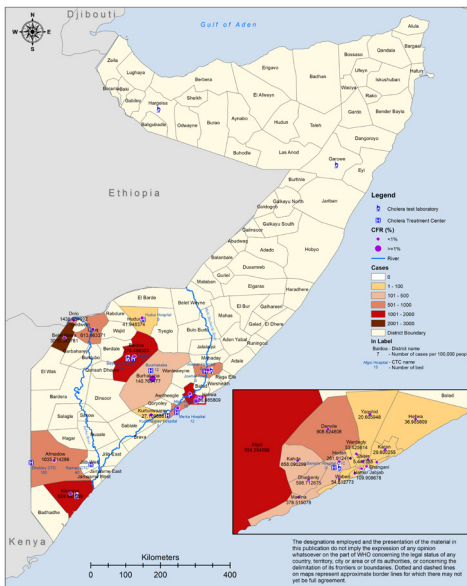
Table 1: suspected cholera cases, deaths and case fatality rate reported in week 1- 36 and cumulative cases from week 1-39,2023

District/Region	Outbreak start date	Week 38			Week 39			Cumulative (wkl-39) 2023		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	October, 2017	26	0	0.0	32	0	0.0	2666	0	0.0
Aldoey	October, 2022	20	0	0.0	33	1	3.0	1266	5	0.4
Baidoa	January, 2022	26	0	0.0	21	0	0.0	1061	3	0.3
Burhakaba ¹	August, 2023	33	0	0.0	62	1	1.6	299	3	1.0
Kurtunwarey	June, 2022	0	0	0.0	0	0	0.0	30	0	0.0
Merka	March, 2022	26	0	0.0	23	0	0.0	557	1	0.2
Hudur	May, 2022	0	0	0.0	0	0	0.0	66	0	0.0
Jowhar	April, 2022	26	0	0.0	24	0	0.0	890	0	0.0
Kismayo	September, 2022	0	0	0.0	10	0	0.0	1775	2	0.1
Afmadow	December, 2022	0	0	0.0	0	0	0.0	899	7	0.8
Belethawa	February, 2023	29	0	0.0	18	0	0.0	2850	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		186	0	0.0	223	2	0.9	13 652	35	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 1-39 2023



Summary Statistics

New cases in Week 39 (25 September-1 October 2023)

223 new cases
121 (54.3%) are children below 5 years
122 (54.7%) are female

Cumulative cases Week 1-39 (2 Jan to 1 October 2023)

13 652 cumulative cases
7295 (53.4%) are children below 5 years
7089 (51.9%) are female
6317 (46.3%) are severe cases
35 cholera-associated deaths (**CFR 0.5%**)
23 (65.7%) deaths are children under 5 years

Table 2: Reported cholera cases, deaths, Case Fatality Rates (CFR) and Cumulative attack rates by district (week 1-39)(2 January to 1 October 2023)

State/region	Number	District	Cases	Deaths	CFR (%)	Population	Attack Rate (per 100 000 population)
Banadir	1	Abdul Aziz	7	0	0	51 040	14
	2	Bondere	20	0	0	140 872	14
	3	Danyile	686	0	0	75 499	909
	4	Dharkenly	377	0	0	62 968	599
	5	Hamar Jabjab	92	0	0	83 706	110
	6	Hamar Weyn	11	0	0	99 783	11
	7	Hawl Wadag	68	0	0	90 118	75
	8	Heliwa	37	0	0	100 038	37
	9	Hodan	432	0	0	164 941	262
	10	Kahda	207	0	0	31 455	658
	11	Karan	84	0	0	283 781	30
	12	Shangani	7	0	0	56 143	12
	13	Shibis	10	0	0	183 743	5
	14	Waberi	64	0	0	117 189	55
	15	Wadajir	437	0	0	115 451	379
	16	Wardagley	66	0	0	123 536	53
	17	Yaqshid	61	0	0	296 031	21
SouthWest	18	Afgoye	1266	5	0.4	228 291	555
	19	Baidoa	1061	3	0.3	385 120	275
	20	Kurtunwarey	30	0	0	110 661	27
	21	Hudur	66	0	0	157 336	42
	22	Merka	557	1	0.2	326 240	171
Hirshabelle Jubaland	23	Burhakaba	299	3	1	212 404	141
	24	Jowhar	890	0	0	368 661	241
	25	Kismayo	1775	2	0.1	281 817	630
	26	Afmadow	899	7	0.8	86 800	1036
	27	Belethawa	2850	10	0.4	94 672	3010
	28	Luq	650	2	0.3	105 921	614
	29	Dolow	643	2	0.3	44 757	1437
Total			13, 652	35	0.26	4 478,973	305