

WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 42 (16-22 October 2023)

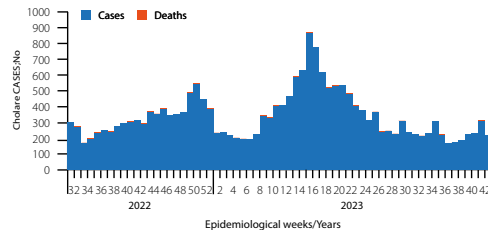
Highlights

- Somalia has had uninterrupted cholera transmission in 29 drought-affected districts since 2022 and in Banadir region since the drought of 2017.
- During week 42, 216, new suspected cases with no associated death were reported from 29 drought-affected districts. The number of new cases increased by 30% in all districts in the past two weeks (Table 1).
- Since epidemiological week 1 of 2023, a total of 14407 suspected cases of cholera including 38 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 322 cases per 100 000 population was reported. Belethawa (3160 cases per 100,000), Afmadow (1036 cases per 100,000 Dolow (1437 cases per 100,000) and Daynile (959 cases per 100,000) have reported the highest CAR amongst all the affected districts (Table 2).
- Of the 2316 stool samples collected since epidemiological week 1 2023, 647 (27.9%) samples tested positive by Rapid Diagnostic Kit (RDT) while 224 (9.7%) 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.

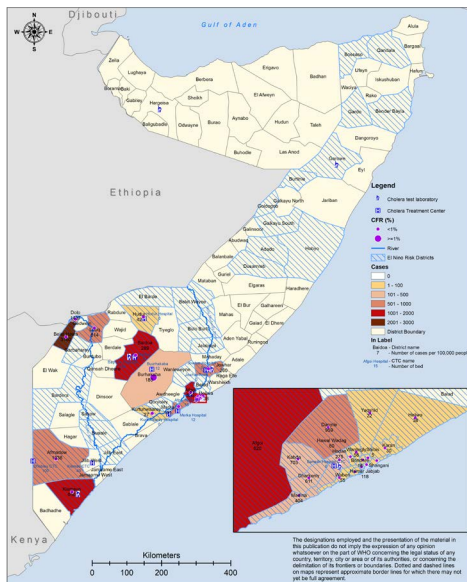
Table 1: suspected cholera cases, deaths and case fatality rate reported in week 1-40 and cumulative cases from week 1-42, 2023

Region/District	Outbreak start date	Week 41		Week 42		Cumulative (wk1-40) 2023				
		cases	deaths	CFR(%)	cases	deaths	CFR(%)	cases	deaths	CFR(%)
Banadir	October, 2017	48	0	0.0	35	0	0.0	2801	0	0.0
Algooye	October, 2022	65	0	0.0	37	0	0.0	1415	6	0.4
Baidoa	January, 2022	22	0	0.0	13	0	0.0	1112	3	0.3
Burhakaba	24-Aug-23	36	1	2.8	15	0	0.0	382	4	1.0
Kurtunwarey	June, 2022	0	0	0.0	0	0	0.0	30	0	0.0
Merka	March, 2022	22	0	0.0	19	0	0.0	624	2	0.3
Hudur	May, 2022	0	0	0.0	0	0	0.0	66	0	0.0
Jowhar	April, 2022	23	0	0.0	24	0	0.0	960	0	0.0
Kismayo	September, 2022	28	0	0.0	22	0	0.0	1833	2	0.1
Afmadow	December, 2022	0	0	0.0	0	0	0.0	899	7	0.8
Belethawo	February, 2023	64	0	0.0	51	0	0.0	2992	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		308	1	0.0	216	0	0.0	14407	38	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 1-42 2023



Summary Statistics

New cases in Week 42 (16-22 October 2023)

216 new cases
132 (61.1%) are children below 5 years
123 (56.9%) are female

Cumulative cases Week 1-42 (2 January to 22 October 2023)

14407 cumulative cases
7752 (53.8%) are children below 5 years
7478 (51.9%) are female
6753(46.9%) are severe cases
38 cholera-associated deaths (CFR 0.3%)
25 (65.8%) deaths are children under 5 years

Table 2: Reported cholera cases, deaths, Case Fatality Rates (CFR) and Cumulative attack rates by districts (week 1-42) (2 January to 22 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	724	0	0.0	75 499	959
	4	Dharkenly	385	0	0.0	62 968	611
	5	Hamar Jabjab	99	0	0.0	83 706	118
	6	Hamar Weyn	11	0	0.0	99 783	11
	7	Hawl Wadag	72	0	0.0	90 118	80
	8	Helwla	38	0	0.0	100 038	38
	9	Hodan	454	0	0.0	164 941	275
	10	Kahda	221	0	0.0	31 455	703
	11	Karan	86	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	64	0	0.0	117 189	55
	15	Wadajir	466	0	0.0	115 451	404
	16	Wardogley	69	0	0.0	123 536	56
SouthWest state	17	Yaqshid	66	0	0.0	296 031	22
	18	Algooye	1415	6	0.4	228 291	620
	19	Baidoa	1112	3	0.3	385 120	289
	20	Kurtunwarey	30	0	0.0	110 661	27
	21	Hudur	66	0	0.0	157 336	42
Hirshabelle	22	Merka	624	2	0.3	326 240	191
	23	Burhakaba	382	4	1.0	212 404	180
	24	Jowhar	960	0	0.0	368 661	260
Jubaland	25	Kismayo	1833	2	0.1	281 817	650
	26	Afmadow	899	7	0.8	86 800	1036
	27	Belethawo	2992	10	0.3	94 672	3160
	28	Luq	650	2	0.3	105 921	614
	29	Dolow	643	2	0.3	64 757	1437
Total			14 407	38	0.3	4 478 973	322