

WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 36 (4-10 September 2023)

Highlights

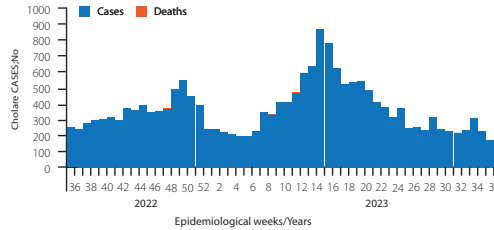
- Somalia has had uninterrupted cholera transmission in 29 drought-affected districts since 2022 and in Banadir region since the drought of 2017.
- During week 36, 167 new suspected cases with two associated deaths were reported from 29 drought-affected districts. The number of new cases reduced by 24% in all districts and by 51% in Belethawa in the past two weeks. (Table 1).
- Since epidemiological week 1 of 2023, a total of 13069 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 0.3% reported from 29 drought-affected districts is below the emergency threshold of $\geq 1\%$, however the CFR in Burhakaba is 1.1% which is higher than the threshold.
- Since epidemiological week 1, 2023 a cumulative attack rate (CAR) of 292 cases per 100 000 population was reported. Belethawa (2940 cases per 100,000), Afmadow (1036 cases per 100,000 Dolow (1437 cases per 100,000) and Daynile (877 cases per 100,000) have reported the highest CAR amongst all the affected districts (Table 2).
- Of the 1863 stool samples collected since epidemiological week 1 2023, 556 (29.8%) samples tested positive by Rapid Diagnostic Kit (RDT) while 188 (10.0%) stool samples were tested positive for *Vibrio cholerae* 01 serotype Ogawa.
- WHO and health partners implemented re-active single dose oral cholera vaccination campaign in which 535789 (90.8%) of the targeted populations were vaccinated in five districts bordering Kenya and Ethiopia in Jubaland state.

Table 1: suspected cholera cases, deaths and case fatality rate reported in week 1- 26 and cumulative cases from week 1-36,2023

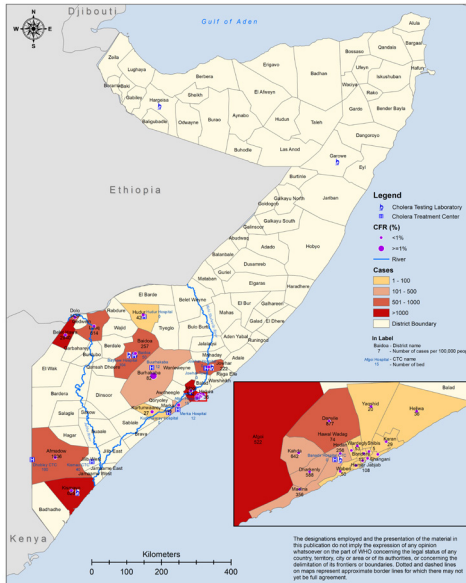
District/Region	Outbreak start date	Week 35			Week 36			2023		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	October, 2017	51	0	0.0	39	0	0.0	2579	0	0.0
Aigoye	October, 2022	19	0	0.0	18	0	0.0	1192	4	0.3
Baidoa	January, 2022	15	0	0.0	10	0	0.0	990	3	0.3
Burhakaba ¹	August, 23	46	1	0.0	40	1	0.0	175	2	1.1
Kurtumwarey	June, 2022	0	0	0.0	0	0	0.0	30	0	0.0
Merka	March, 2022	17	0	0.0	20	1	0.0	483	1	0.2
Hudur	May, 2022	0	0	0.0	0	0	0.0	66	0	0.0
Jowhar	April, 2022	22	0	0.0	23	0	0.0	819	0	0.0
Kismayo	September, 2022	16	0	0.0	0	0	0.0	1760	2	0.1
Afmadow	December, 2022	0	0	0.0	0	0	0.0	899	7	0.8
Belethawo	February, 2023	35	0	0.0	17	0	0.0	2783	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		221	1	0.0	167	2	1.2	13 069	33	0.3

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 1-34 2023



Summary Statistics

New cases in Week 36 (4-10 September 2023)

- 167 new cases
- 88 (52.7%) are children below 5 years
- 96 (57.5%) are female
- 2 associated death

Cumulative cases Week 1-36 (2 Jan to 10 Sept 2023)

- 13 069 cumulative cases
- 6978 (53.4%) are children below 5 years
- 6776 (51.8%) are female
- 6071 (46.6%) are severe cases
- 33 cholera-associated deaths (CFR 0.3%)
- 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 1-36) (2 January to 10 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	662	0	0.0	75 499	877
	4	Dharkenly	370	0	0.0	62 968	588
	5	Hamar Jabjab	90	0	0.0	83 706	108
	6	Hamar Weyn	11	0	0.0	99 783	11
	7	Hawl Wadag	67	0	0.0	90 118	74
	8	Heliwa	36	0	0.0	100 038	36
	9	Hodan	422	0	0.0	164 941	256
	10	Kahda	202	0	0.0	31 455	642
	11	Karan	83	0	0.0	283 781	29
	12	Shangani	7	0	0.0	56 143	12
	13	Shibis	10	0	0.0	183 743	5
	14	Waberi	59	0	0.0	117 189	50
SouthWest	15	Wadajir	411	0	0.0	115 451	356
	16	Wadagley	65	0	0.0	123 536	53
	17	Yaqshid	58	0	0.0	296 031	20
	18	Afey	1192	4	0.3	228 291	522
	19	Baidoa	990	3	0.3	385 120	257
	20	Kurtumwarey	30	0	0.0	110 661	27
	21	Hudur	66	0	0.0	157 336	42
	22	Merka	483	1	0.2	326 240	148
	23	Burhakaba	175	2	1.1	212 404	82
	24	Jowhar	819	0	0.0	368 661	222
Hirshabelle	25	Kismayo	1760	2	0.1	281 817	625
	26	Afmadow	899	7	0.8	86 800	1036
	27	Belethawo	2783	10	0.4	94 672	2940
	28	Luq	650	2	0.3	105 921	614
	29	Dolow	643	2	0.3	44 757	1437
Total			13 069	33	0.3	4 478 973	292