

WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 37 (11-17 September 2023)

Highlights

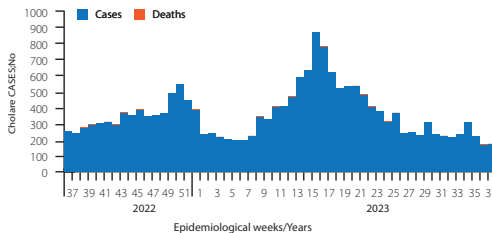
- Somalia has had uninterrupted cholera transmission in 29 drought-affected districts since 2022 and in Banadir region since the drought of 2017.
- During week 36, 167 new suspected cases with two associated deaths were reported from 29 drought-affected districts. The number of new cases reduced by 24% 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 02%) 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 1-37, 2023

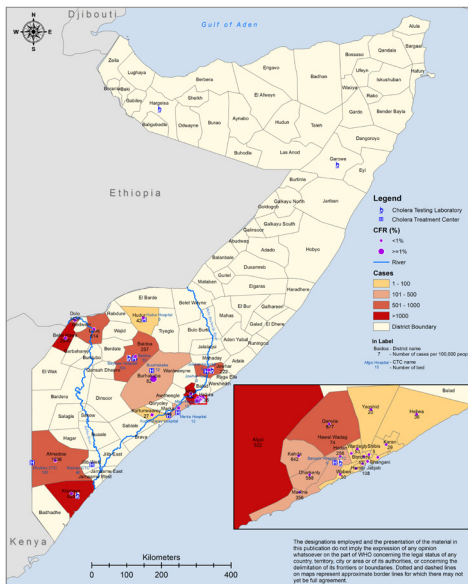
District/Region	Outbreak start date	Week 36			Week 37			Cumulative (wkl-37) 2023		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	October, 2017	39	0	0.0	29	0	0.0	2608	0	0.0
Aigoye	October, 2022	18	0	0.0	21	0	0.0	1213	4	0.3
Baidoa	January, 2022	10	0	0.0	24	0	0.0	1014	3	0.3
Burhakaba ¹	August, 23	40	1	0.0	29	0	0.0	204	2	1.0
Kurtumwarye	June, 2022	0	0	0.0	0	0	0.0	30	0	0.0
Merka	March, 2022	20	1	0.0	25	0	0.0	508	1	0.2
Hudur	May, 2022	0	0	0.0	0	0	0.0	66	0	0.0
Jowhar	April, 2022	23	0	0.0	21	0	0.0	840	0	0.0
Kismayo	September, 2022	0	0	0.0	5	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	17	0	0.0	20	0	0.0	2803	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		167	2	0.0	174	0	0.0	13243	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 1-37 2023



Summary Statistics

New cases in Week 37 (11-17 September 2023)

- 174** new cases
- 95 (54.6%)** are children below **5** years
- 87 (50%)** are female

Cumulative cases Week 1-37 (2 Jan to 17 Sept 2023)

- 13 243** cumulative cases
- 7073 (53.4%)** are children below **5** years
- 6776 (51.8%)** are female
- 6145 (46.4)** 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 1-37) (2 January to 17 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	671	0	0.0	75 499	889	
	4	Dharkenly	371	0	0.0	62 968	589	
	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	427	0	0.0	164 941	259	
	10	Kahda	203	0	0.0	31 455	645	
	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	Waberri	61	0	0.0	117 189	52	
	15	Wadajir	419	0	0.0	115 451	363	
	16	Wadagley	65	0	0.0	123 536	53	
	17	Yaqshid	59	0	0.0	296 031	20	
SouthWest	18	Afgoye	1213	4	0.3	228 291	531	
	19	Baidoa	1014	3	0.3	385 120	263	
	20	Kurtumwarye	30	0	0.0	110 661	27	
	21	Hudur	66	0	0.0	157 336	42	
	22	Merka	508	1	0.2	326 240	156	
Hirshabelle	23	Burhakaba	204	2	1.0	212 404	96	
	24	Jowhar	840	0	0.0	368 661	228	
	Jubaland	25	Kismayo	1765	2	0.1	281 817	626
		26	Afmadow	899	7	0.8	86 800	1036
		27	Belethawo	2803	10	0.4	94 672	2961
		28	Luq	650	2	0.3	105,921	614
		29	Dolow	643	2	0.3	44 757	1437
Total			13 243	33	0.2	4 478 973	296	