

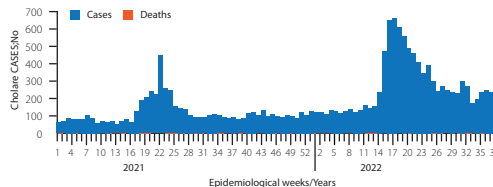
WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 38 (19-25 September 2022)

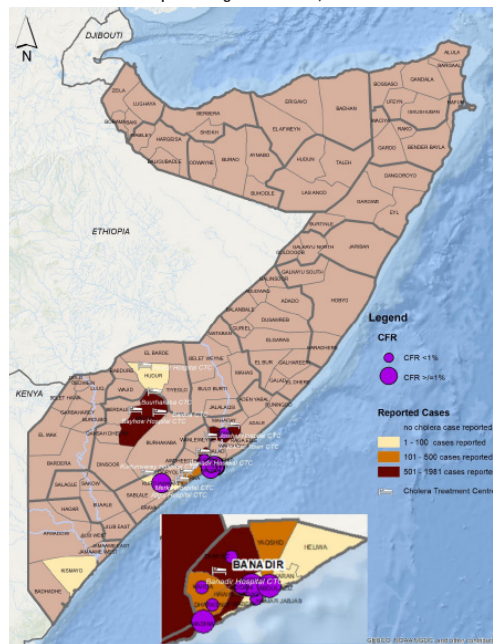
Highlights

- Uninterrupted cholera transmission has been reported in Banadir region of Somalia since October 2017
- During week 38, 273 new suspected cases and 3 associated deaths were reported from 25 drought-affected districts of Somalia. This represents a 14% increase in the number of cases reported over the past two weeks (Table 1)
- Since epidemiological week 1 of 2022, a total of 10 437 suspected cases of cholera including 59 associated deaths (CFR 0.6%) were reported from 25 districts of Somalia
- Since epidemiological week 1, 2022 a cumulative attack rate (CAR) of 249 cases per 100 000 population was reported. Daynile (1865 per 100,000 cases), Kahda (1017 per 100 000 cases) and Dharkenley (980 per 100 000 cases) districts in Banadir have reported the highest CAR amongst all the affected districts (Table 2).
- The overall case fatality rate (CFR) of 0.6% was reported from 25 drought-affected districts. However, in 5 of these districts, the CFR exceeded the emergency threshold of $\geq 1\%$ for emergency settings. These districts include Wanlaweyne (8.3%), Shibis (4.3%), Kurtunwarey (1.6%), Hawlwadag (1.5%),
- Of the 1 267 stool samples collected and analyzed, 220(17.4%) samples tested positive for *Vibrio cholerae* O1 serotype Ogawa, 7(0.6%) samples were tested positive for *Vibrio cholerae* O1 Inaba (in Daynile) and 1(0.07%) sample positive for *Vibrio cholerae* O1 Hikojima (in Marka).
- Culture and sensitivity studies conducted in the national public health reference laboratory in Mogadishu showed that the *V. cholerae* serotypes isolate is sensitive to chloramphenicol and tetracycline but resistant to ampicillin and nalidixic acid.

Figure 1: Epidemiological curve for cholera cases and deaths in Somalia 2021-2022



Map 1. Number of reported cholera cases and case fatality rate by district, epidemiological week 1-38, 2022



Summary Statistics

New cases in Week 38 (19-25 September 2022)

- **273** new cases
- **150 (54.9%)** are children below **5** years
- **142 (52.0%)** are women
- **3** associated deaths (**CFR 1.0%**)

Cumulative cases Week 1-38 (19-25 September 2022)

- **10 437** cumulative cases
- **6898 (66.1%)** are children below **5** years
- **5119 (49.0%)** are women
- **3362 (32.2%)** are severe cases
- **59** cholera-associated deaths (**CFR 0.6%**)
- **47 (79.6%)** of the deaths are children below **5** years

Table 1: suspected cholera cases, deaths and case fatality rates reported in week 37-38 and cumulative cases from week 1-38, 2022

District/Region	Outbreak start date	Week 37			Week 38			Cumulative number from week 1-38		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	October, 2017	49	2	4.1	37	1	2.7	4781	37	0.7
Baidoa	January, 2021	26	0	0.0	28	0	0.0	2353	0	0.0
Marka	March, 2022	14	0	0.0	9	0	0.0	411	0	0.0
Algoey	October, 2022	5	0	0.0	9	0	0.0	883	6	0.7
Kurtunwarey	June, 2022	9	0	0.0	7	0	0.0	190	3	1.6
Jowhar	April, 2022	8	0	0.0	9	0	0.0	1045	4	0.4
Hudur	May, 2022	20	0	0.0	21	0	0.0	341	0	0.0
Wanlaweyn	January, 2022	0	0	0.0	0	0	0.0	12	1	8.3
Kismayo	Sept, 2022	107	0	0.0	153	2	1.3	451	8	1.8
Total		238	2	0.8	273	3	1.1	10 437	59	0.6

Table 2: reported cholera cases, deaths, case-fatality rate (CFR) and cumulative attack rate (CAR) by districts (epidemiological week 1-38 2022)

State/region	Number	District	Cases	Deaths	CFR (%)	Population	Attack Rate (per 100,000 population)	
Banadir	1	Abdul Aziz	26	0	0.0	51 040	51	
	2	Bondere	48	0	0.0	140 872	34	
	3	Daynile	1408	18	1.3	75 499	1865	
	4	Dharkenley	617	1	0.2	62 968	980	
	5	Hamar Jabjab	143	1	0.7	83 706	171	
	6	Hamar Weyn	18	0	0.0	99 783	18	
	7	Hawl Wadag	135	2	1.5	90 118	150	
	8	Helwa	61	0	0.0	100 038	61	
	9	Hodan	701	3	0.4	164 941	425	
	10	Kahda	320	4	1.3	31 455	1017	
	11	Karan	107	0	0.0	283 781	38	
	12	Madina	759	7	0.9	115 451	657	
	13	Shangani	19	0	0.0	56 143	34	
	14	Shibis	25	1	4.0	183 743	14	
SouthWest	15	Waber	120	0	0.0	117 389	102	
	16	Wardgeyl	115	0	0.0	123 536	93	
	17	Yaqshid	159	0	0.0	296 031	54	
	18	Algoey	883	6	0.7	228 291	387	
	19	Baidoa	2353	0	0.0	385 120	611	
	20	Kurtunwarey	190	3	1.6	110 661	172	
	21	Merka	411	0	0.0	326 240	126	
	22	Hudur	341	0	0.0	157 336	217	
	23	Walaweyn	12	1	8.3	263 176	5	
	Hirshabelle Lower Juba	24	Jowhar	1015	4	0.4	368 661	275
		25	Kismayo	451	8	1.8	281 817	160
Total			10 437	59	0.6	4 197 595	249	