

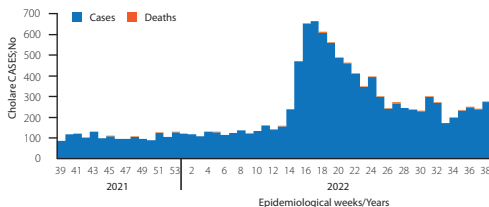
WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 39 (26 September-2 October 2022)

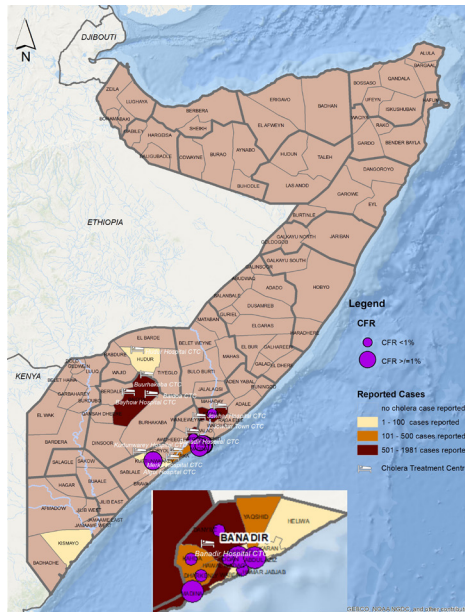
Highlights

- Uninterrupted cholera transmission has been reported in Banadir region of Somalia since October 2017.
- During week 39, 292 new suspected cases and 4 associated deaths were reported from 25 drought-affected districts of Somalia. This represents a 6% increase in the number of cases reported over the past two weeks (Table 1).
- Since epidemiological week 1 of 2022, a total of 10 729 suspected cases of cholera including 63 associated deaths (CFR 0.6%) were reported from 25 districts of Somalia.
- Since epidemiological week 1, 2022 a cumulative attack rate (CAR) of 256 cases per 100 000 population was reported. Daynile (1 876 per 100 000 cases), Kahda (1 024 per 100 000 cases) and Dharkenley (986 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%), Kismayo (1.8%) Kurtunwarey (1.6%) and Hawlwadag (1.5%).
- Of the 1 372 stool samples collected and analyzed, 222 (16.7%) samples tested positive for *Vibrio cholerae* 01 serotype Ogawa, 7 (0.5%) samples were tested positive for *Vibrio cholerae* 01 Inaba in Daynile and 1 (0.08%) sample positive for *Vibrio cholerae* 01 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 1-41, 2022



Summary Statistics

New cases in Week 39 (26 September-2 October 2022)

- 292** new cases
- 174 (59.6%)** are children below 5 years
- 136 (46.6%)** are women
- 4** associated deaths

Cumulative cases Week 1-39 (Jan 1-2 October 2022)

- 10 729** cumulative cases
- 7072 (65.9%)** are children below 5 years
- 5255 (48.9%)** are women
- 3527 (32.8%)** are severe cases
- 63** cholera-associated deaths (**CFR 0.6%**)
- 50 (79.4%)** of the deaths are children below 5 years

Table 1: suspected cholera cases, deaths and case fatality rates reported in week 38-39 and cumulative cases from week 1-39, 2022

District/Region	Outbreak start date	Week 38			Week 39			Cumulative number from week 1-39		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	October, 2017	37	1	2.7	34	1	2.9	4815	38	0.8
Baidoa	January, 2021	28	0	0.0	17	0	0.0	2370	0	0.0
Marka	March, 2022	9	0	0.0	16	0	0.0	427	0	0.0
Algoey	October, 2022	9	0	0.0	8	0	0.0	891	6	0.7
Kurtunwarey	June, 2022	7	0	0.0	7	0	0.0	197	3	1.5
Jowhar	April, 2022	9	0	0.0	7	0	0.0	1022	4	0.4
Hudur	May, 2022	21	0	0.0	28	0	0.0	369	0	0.0
Wanlaweyn	January, 2022	0	0	0.0	0	0	0.0	12	1	8.3
Kismayo	Sept, 2022	153	2	1.3	175	3	1.7	626	11	1.8
Total		273	3	1.1	292	4	1.6	10 729	63	0.6

Table 2: reported cholera cases, deaths, case-fatality rate (CFR) and cumulative attack rate (CAR) by districts (epidemiological week 1-39 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	Danyile	1416	18	1.3	75 499	1876	
	4	Dharkenley	620	1	0.2	62 968	985	
	5	Hamar Jabjab	147	1	0.7	83,706	176	
	6	Hamar Weyn	18	0	0.0	99 783	18	
	7	Hawl Wadag	135	2	1.5	90 118	150	
	8	Helwa	62	0	0.0	100 038	62	
	9	Hodan	707	4	0.6	164 941	429	
	10	Kahda	322	4	1.2	31 455	1024	
	11	Karan	108	0	0.0	283 781	38	
	12	Madina	767	7	0.9	115 451	664	
	13	Shangani	19	0	0.0	56 143	34	
	14	Shibis	25	1	4.0	183 743	14	
SouthWest	15	Waberi	120	0	0.0	117 189	102	
	16	Wardgeyid	115	0	0.0	123 536	93	
	17	Yaqshid	160	0	0.0	296 031	54	
	18	Algoey	891	6	0.7	228 291	390	
	19	Baidoa	2370	0	0.0	385 120	615	
	20	Kurtunwarey	197	3	1.5	110 661	178	
	21	Mierka	427	0	0.0	326 240	131	
	22	Hudur	369	0	0.0	157 336	235	
	23	Walaweyn	12	1	8.3	263 176	5	
	Hirshabelle	24	Jowhar	1022	4	0.4	368 661	277
	Lower Juba	25	Kismayo	626	11	1.8	281 817	222
Total			10 729	63	0.6	4 197 595	256	