

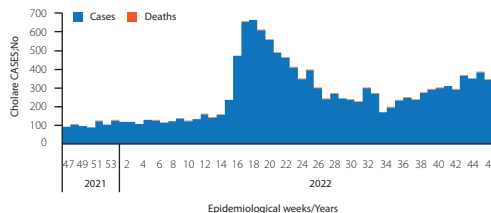
WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 47 (21 -27 November 2022)

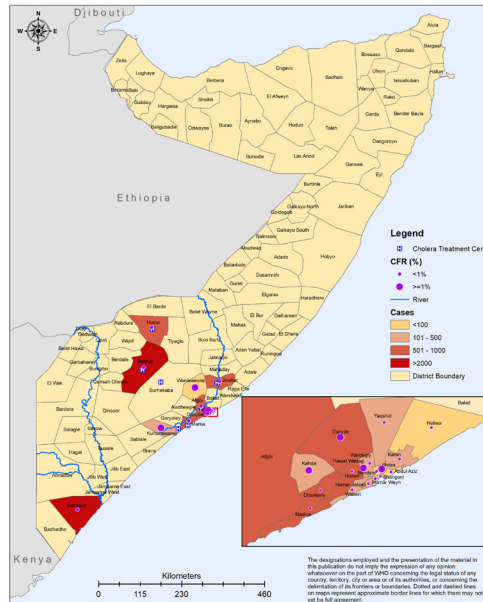
Highlights

- Uninterrupted cholera transmission has been reported in Banadir region of Somalia since October 2017
- During week 47, 304 new suspected cases with no associated death were reported from 25 drought-affected districts of Somalia. In Kismayo the number of cases decreased by 10% over the past two weeks (Table 1).
- Since epidemiological week 1 of 2022, a total of 13 383 suspected cases of cholera including 73 associated deaths (CFR 0.5%) were reported from 25 districts of Somalia
- Since epidemiological week 1, 2022 a cumulative attack rate (CAR) of 319 cases per 100 000 population was reported. Daynile (1954 per 100,000 cases), Kahda (1052 per 100 000 cases) and Dharkenley (1034 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 0.5% was reported from 25 drought-affected districts. However, in six of these districts, the CFR exceeded the emergency threshold of $\geq 1\%$ for emergency settings. These districts include Wanlaweyne (8.3%), Shibis (3.8%), Hawlwadag (1.4%) and Kurtunwarey, Kahda, Daynile (1.2%)
- Of the 1 807 stool samples collected and analyzed, 243 (13.4%) samples tested positive for *Vibrio cholerae* 01 serotype Ogawa, 7(0.4%) samples were tested positive for *Vibrio cholerae* 01 Inaba in Daynile and 1(0.06%) 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 1-47, 2022



Summary Statistics

New cases in week 47 (21 - 27 November 2022)

- 304** new cases
- 173 (56.9%)** are children below 5 years
- 160 (52.6%)** are women
- 0** associated deaths

Cumulative cases Week 1-46 (3 January - 27 November 2022)

- 13 383** cumulative cases
- 8529 (63.7%)** are children below 5 years
- 6579 (49.2%)** are women
- 5271 (38.3%)** are severe cases
- 73 cholera-associated deaths (CFR 0.5%)**
- 57 (78.0%)** of the deaths are children below 5 years

Table 1: suspected cholera cases, deaths and case fatality rates reported in week 46-47 and cumulative cases from week 1-47, 2022

District/Region	Outbreak start date	Week 46			Week 47			Cumulative number from week 1-47		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	October, 2017	38	0	0.0	23	0	0.0	5049	38	0.7
Baidoa	January, 2021	16	0	0.0	28	0	0.0	2518	0	0.0
Marka	March, 2022	11	0	0.0	11	0	0.0	600	0	0.0
Algoey	October, 2022	36	0	0.0	32	0	0.0	1041	6	0.6
Kurtunwarey	June, 2022	6	0	0.0	5	0	0.0	257	3	1.2
Jowhar	April, 2022	16	0	0.0	22	0	0.0	1163	4	0.3
Hudur	May, 2022	24	0	0.0	10	0	0.0	527	0	0.0
Wanlaweyn	January, 2022	0	0	0.0	0	0	0.0	15	1	8.3
Kismayo	Sept, 2022	198	1	0.5	173	0	0.0	2213	21	0.9
Total		345	1	0.3	304	0	0.0	13 383	73	0.5

Table 2: reported cholera cases, deaths, case-fatality rate (CFR) and cumulative attack rate (CAR) by districts (epidemiological week 1-47 2022)

State/region	Number	District	Cases	Deaths	CFR (%)	Population	Attack Rate (per 100,000 population)
Banadir	1	Abdul Aziz	30	0	0.0	51 040	59
	2	Bondere	50	0	0.0	140 872	35
	3	Danyile	1475	18	1.2	75 499	1954
	4	Dharkenley	652	1	0.2	62 968	1035
	5	Hamar Jabjab	164	1	0.6	83 706	196
	6	Hamar Weyn	18	0	0.0	99 783	18
	7	Hawi Wadag	143	2	1.4	90 118	159
	8	Helwaa	64	0	0.0	100 038	64
	9	Hodan	748	4	0.5	164 941	453
	10	Kahda	331	4	1.2	31 455	1052
	11	Karan	114	0	0.0	283 781	40
	12	Madina	799	7	0.9	115 451	692
	13	Shangani	20	0	0.0	56 143	36
	14	Shibis	26	1	3.8	183 743	14
15	Waberi	125	0	0.0	117 189	107	
16	Wardegly	122	0	0.0	123 536	99	
17	Yaqshid	168	0	0.0	296 031	57	
18	Algoey	1041	6	0.6	228 291	456	
19	Baidoa	2518	0	0.0	385 120	654	
20	Kurtunwarey	257	3	1.2	110 661	232	
21	Mierka	600	0	0.0	326 240	184	
22	Hudur	527	0	0.0	157 336	335	
23	Walaweyn	15	1	8.3	263 176	5	
Hirshabelle	24	Jowhar	1163	4	0.3	368 661	315
Jubaland	25	Kismayo	2213	21	0.9	281 817	785
Total			13 383	73	0.5	4 197 595	319