

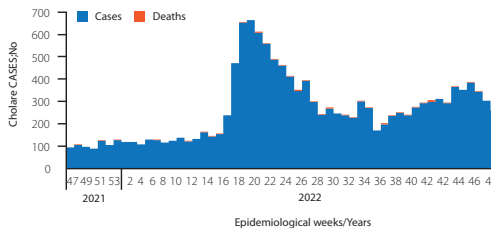
WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 48 (28 November–4 December 2022)

Highlights

- During week 48, 259 new suspected cases with one associated death were reported from 25 drought-affected districts of Somalia which represents a 15% reduction over the past two weeks. (Table 1).
- Since epidemiological week 1 of 2022, a total of 13 642 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 325 cases per 100 000 population was reported. Daynile (1962 per 100,000 cases), Kahda (1052 per 100 000 cases) and Dharkenley (1045 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%), Kahda (1.2%), Daynile (1.2%) and Kurtunwarey (1.1%)
- Of the 1915 stool samples collected and analyzed, 257 (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 1-48, 2022

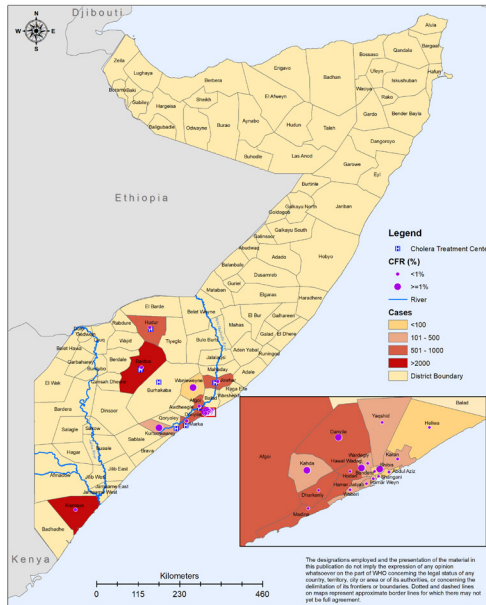


Table 1: suspected cholera cases, deaths and case fatality rates reported in week 47-48 and cumulative cases from week 1-48, 2022

District/Region	Outbreak start date	Week 47			Week 48			Cumulative number from week 1-48		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	October, 2017	23	0	0.0	31	0	0.0	5080	38	0.7
Baidoa	January, 2021	28	0	0.0	15	0	0.0	2533	0	0.0
Marka	March, 2022	11	0	0.0	7	0	0.0	607	0	0.0
Algoey	October, 2022	32	0	0.0	18	0	0.0	1059	6	0.6
Kurtunwarey	June, 2022	5	0	0.0	5	0	0.0	262	3	1.1
Jowhar	April, 2022	22	0	0.0	29	0	0.0	1192	4	0.3
Hudur	May, 2022	10	0	0.0	25	0	0.0	552	0	0.0
Wanlaweyn	January, 2022	0	0	0.0	0	0	0.0	15	1	8.3
Kismayo	Sept, 2022	173	0	0.0	129	0	0.0	2342	21	0.9
Total		304	0	0.0	259	0	0.0	13642	73	0.5

Summary Statistics

New cases in Week 48 (28 November–4 December 2022)

- 259** new cases
- 131 (50.6%)** are children below 5 years
- 157 (60.6%)** are women
- 0** associated deaths

Cumulative cases Week 1-48 (3 January - 4 December 2022)

- 13 642** cumulative cases
- 8686 (63.7%)** are children below 5 years
- 6710 (49.2%)** are women
- 5391 (39.5%)** are severe cases
- 73 cholera-associated deaths (CFR 0.5%)**
- 57 (78.0%)** of the deaths are children below 5 years

Table 2: reported cholera cases, deaths, case-fatality rate (CFR) and cumulative attack rate (CAR) by districts (epidemiological week 1-48 2022)

State/region	Number	District	Cases	Deaths	CFR (%)	Population	Attack Rate (per 100,000 population)
Banadir	1	Abdul Aziz	31	0	0.0	51 040	61
	2	Bondere	50	0	0.0	140 872	35
	3	Daynile	1481	18	1.2	75 499	1962
	4	Dharkenley	658	1	0.2	62 968	1045
	5	Hamar Jabjib	166	1	0.6	83 706	198
	6	Hamar Weyn	19	0	0.0	99 783	19
	7	Hawi Wadag	144	2	1.4	90 118	160
	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	803	7	0.9	115 451	696
	13	Shangani	21	0	0.0	56 143	37
	14	Shibis	26	1	3.8	183 743	14
15	Waberi	127	0	0.0	117 189	108	
16	Wardigly	124	0	0.0	123 536	100	
17	Yaqshid	173	0	0.0	296 031	58	
SouthWest	18	Algoey	1059	6	0.6	228 291	464
	19	Baidoa	2533	0	0.0	385 120	658
	20	Kurtunwarey	262	3	1.1	110661	237
	21	Mierka	607	0	0.0	326 240	186
	22	Hudur	552	0	0.0	157 336	351
	23	Walaweyn	15	1	8.3	263 176	5
Hirshabelle	24	Jowhar	1192	4	0.3	366616	323
Jubaland	25	Kismayo	2342	21	0.9	281 817	831
Total	4197	13 642	73	0.5	4 197 595	325	