

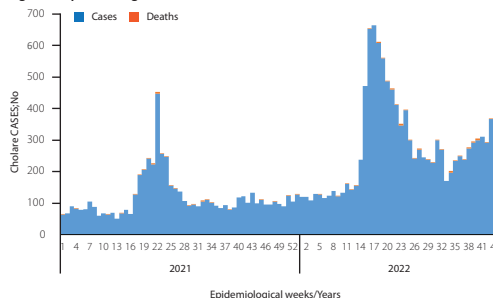
WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 45 (7-13 November 2022)

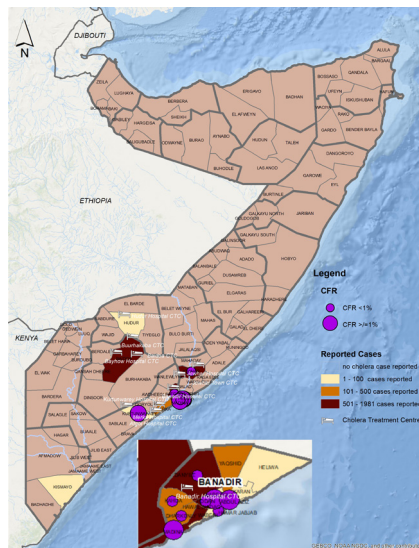
Highlights

- Uninterrupted cholera transmission has been reported in Banadir region of Somalia since October 2017
- During week 45, 385 new suspected cases with one associated death were reported from 25 drought-affected districts of Somalia. In Kismayo the number of cases increased by 19% over the past two weeks (Table 1).
- Since epidemiological week 1 of 2022, a total of 12 734 suspected cases of cholera including 72 associated deaths (CFR 0.6%) were reported from 25 districts of Somalia
- Since epidemiological week 1, 2022 a cumulative attack rate (CAR) of 303 cases per 100 000 population was reported. Daynile (1930 per 100,000 cases), Kahda (1043 per 100 000 cases) and Dharkenley (1015 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%), Shibus (3.8%), Kismayo (1.1%) Kurtunwarey (1.2%) and Hawlwadag (1.4%)
- Of the 1 677 stool samples collected and analyzed, 238 (14.2%) 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 1-45, 2022



Summary Statistics

New cases in Week 45 (7-13 November 2022)

- 385** new cases
- 205 (53.2%)** are children below **5** years
- 183 (47.5%)** are women
- 0** associated deaths

Cumulative cases Week 1-45 (3 January-13 November 2022)

- 12 734** cumulative cases
- 8165 (64.1%)** are children below **5** years
- 6239 (48.9%)** are women
- 4982 (38.4%)** are severe cases
- 72 cholera-associated deaths (CFR 0.6%)**
- 56 (77.8%)** of the deaths are children below **5** years

Table 1: suspected cholera cases, deaths and case fatality rates reported in week 44-45 and cumulative cases from week 1-45, 2022

District/Region	Outbreak start date	Week 44			Week 45			Cumulative number from week 1-45		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	October, 2017	34	0	0.0	22	0	0.0	4988	38	0.8
Baidoa	January, 2021	21	0	0.0	16	0	0.0	2474	0	0.0
Marka	March, 2022	18	0	0.0	21	0	0.0	578	0	0.0
Algoey	October, 2022	12	0	0.0	28	0	0.0	973	6	0.6
Kurtunwarey	June, 2022	10	0	0.0	6	0	0.0	246	3	1.2
Jowhar	April, 2022	33	0	0.0	26	0	0.0	1125	4	0.4
Hudur	May, 2022	19	0	0.0	20	0	0.0	493	0	0.0
Wanlaweyn	January, 2022	0	0	0.0	0	0	0.0	15	1	8.3
Kismayo	Sept, 2022	206	0	0.0	246	1	0.4	1842	20	1.1
Total		353	0	0.0	385	1	0.3	12 734	72	0.6

Table 2: reported cholera cases, deaths, case-fatality rate (CFR) and cumulative attack rate (CAR) by districts (epidemiological week 1- 45 2022)

State/region	Number	District	Cases	Deaths	CFR (%)	Population	Attack Rate (per 100,000 population)	
Banadir	1	Abdul Aziz	27	0	0.0	51 040	53	
	2	Bondere	49	0	0.0	140 872	35	
	3	Danyile	1457	18	1.2	75 499	1930	
	4	Dharkenley	639	1	0.2	62 968	1015	
	5	Hamar Jabjab	161	1	0.6	83 706	192	
	6	Hamar Weyn	18	0	0.0	99 783	18	
	7	Hawl Wadag	142	2	1.4	90 118	158	
	8	Heliwa	64	0	0.0	100 038	64	
	9	Hodan	739	4	0.5	164 941	448	
	10	Kahda	328	4	1.2	31 455	1043	
	11	Karan	113	0	0.0	283 781	40	
	12	Madina	792	7	0.9	115 451	686	
	13	Shangani	20	0	0.0	56 143	36	
	14	Shibus	26	1	3.8	183 743	14	
SouthWest	15	Waberi	125	0	0.0	117 189	107	
	16	Wardegly	121	0	0.0	123 536	98	
	17	Yaqshid	167	0	0.0	296 031	56	
	18	Algoey	973	6	0.6	228 291	426	
	19	Baidoa	2474	0	0.0	385 120	642	
	20	Kurtunwarey	246	3	1.2	110 661	222	
	21	Mierka	578	0	0.0	326 240	177	
	22	Hudur	493	0	0.0	157 336	313	
	23	Walaweyn	15	1	8.3	263 176	5	
	Hirshabelle	24	Jowhar	1125	4	0.4	368 661	305
	Lower Juba	25	Kismayo	1842	20	1.1	281 817	654
Total			12 734	72	0.6	4 197 595	303	