

WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 40 (-3-9 October 2022)

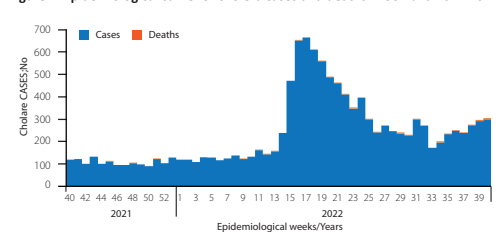
Highlights

- Uninterrupted cholera transmission has been reported in Banadir region of Somalia since October 2017
- During week 40 299 new suspected cases and 6 associated deaths were reported from 25 drought-affected districts of Somalia. (Table 1)
- Since epidemiological week 1 of 2022, a total of 11 028 suspected cases of cholera including 69 associated deaths (CFR 0.6%) were reported from 25 districts of Somalia
- Since epidemiological week 1, 2022 a cumulative attack rate (CAR) of 263 cases per 100 000 population was reported. Daynile (1882 per 100,000 cases), Kahda (1033 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 (2.2%) Kurtunwarey (1.5%) and Hawlwadag (1.5%)
- Of the 1 457 stool samples collected and analyzed, 230 (15.8%) 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(0.07%) 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.

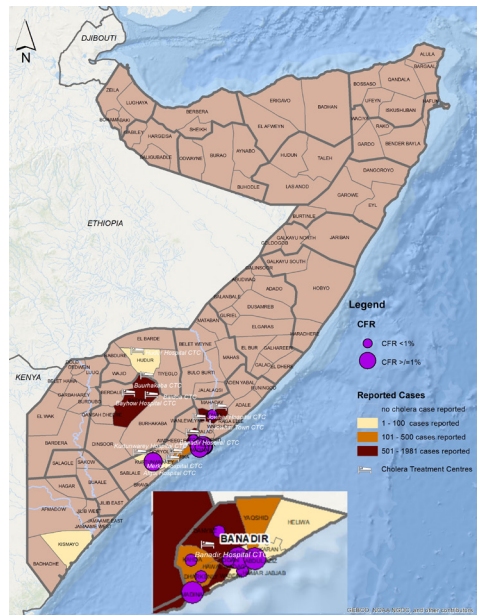
Table 1: suspected cholera cases, deaths and case fatality rates reported in week 39-40 and cumulative cases from week 1-40, 2022

District/Region	Outbreak start date	Week 39			Week 40			Cumulative number from week 1-39		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	October, 2017	34	1	2.9	30	0	0.0	4845	38	0.8
Baidoa	January, 2021	17	0	0.0	17	0	0.0	2387	0	0.0
Marka	March, 2022	16	0	0.0	48	0	0.0	475	0	0.0
Algoye	October, 2022	8	0	0.0	6	0	0.0	897	6	0.7
Kurtunwarey	June, 2022	7	0	0.0	6	0	0.0	203	3	1.5
Jowhar	April, 2022	7	0	0.0	8	0	0.0	1030	4	0.4
Hudur	May, 2022	28	0	0.0	23	0	0.0	392	0	0.0
Wanlaweyn	January, 2022	0	0	0.0	0	0	0.0	12	1	8.3
Kismayo	Sept, 2022	175	3	1.7	161	6	3.7	787	17	2.2
Total		292	4	1.4	299	6	2.0	11,028	69	0.6

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 1-40, 2022



Summary Statistics

New cases in Week 40 (3-9 October 2022)
299 new cases
151 (50.5%) are children below **5** years
148 (49.5%) are women
6 associated deaths (**CFR 1.0%**)

Cumulative cases Week 1-40 (Jan 1--9 October 2022)
11 028 cumulative cases
7223 (65.5%) are children below **5** years
5403 (48.9%) are women
3617 (32.8%) are severe cases
69 cholera-associated deaths (**CFR 0.6%**)
54 (78.3%) 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 1-40 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	48	0	0.0	140 872	34
	3	Danyile	1421	18	1.3	75 499	1882
	4	Dharkenley	621	1	0.2	62 968	986
	5	Hamar Jabjab	151	1	0.7	83 706	180
	6	Hamar Weyn	18	0	0.0	99 783	18
	7	Hawl Wadag	136	2	1.5	90 118	151
	8	Helwaa	63	0	0.0	100 038	63
	9	Hodan	714	4	0.6	164 941	433
	10	Kahda	325	4	1.2	31 455	1033
	11	Karan	109	0	0.0	283 781	38
	12	Madina	768	7	0.9	115 451	665
	13	Shangani	19	0	0.0	56 143	34
	14	Shibis	25	1	4.0	183 743	14
15	Waberi	120	0	0.0	117 189	102	
16	Wardegly	115	0	0.0	123 536	93	
17	Yaqshid	165	0	0.0	296 031	56	
18	Algoye	897	6	0.7	228 291	393	
19	Baidoa	2387	0	0.0	385 120	620	
SouthWest	20	Kurtunwarey	203	3	1.5	110 661	183
	21	Merka	475	0	0.0	326 240	146
	22	Hudur	392	0	0.0	157 336	249
	23	Walaweyn	12	1	8.3	263 176	5
Hirshabelle	24	Jowhar	1030	4	0.4	368 661	279
Lower Juba	25	Kismayo	787	17	2.2	281 817	279
Total			11,028	69	0.6	4 197 595	263