

WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 41 (10-16 October 2022)

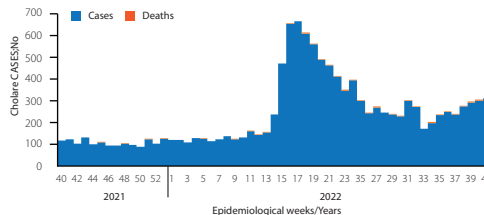
Highlights

- Uninterrupted cholera transmission has been reported in Banadir region of Somalia since October 2017.
- During week 41, 311 new suspected cases and no death were reported from 25 drought-affected districts of Somalia. (Table 1). In Kismayo the number of cases increased by 25% over the past two weeks.
- Since epidemiological week 1 of 2022, a total of 11 339 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 270 cases per 100 000 population was reported. Daynile (1885 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.

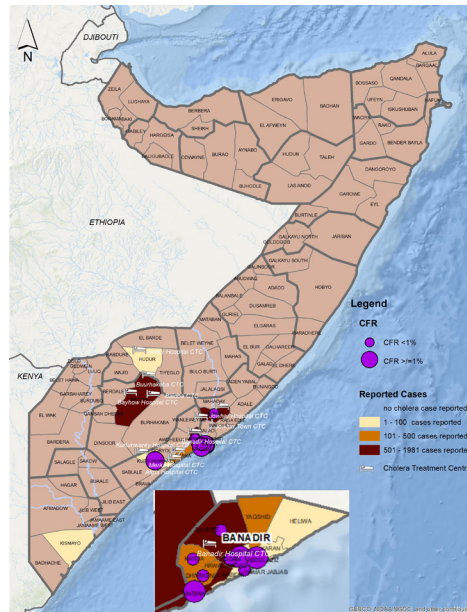
Table 1: suspected cholera cases, deaths and case fatality rates reported in week 40-41 and cumulative cases from week 1-41, 2022

District/Region	Outbreak start date	Week 40			Week 41			Cumulative number from week 1-41		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)			
Banadir	October, 2017	30	0	0.0	22	0	0.0	4867	38	0.8
Baidoa	January, 2021	17	0	0.0	19	0	0.0	2406	0	0.0
Marka	March, 2022	48	0	0.0	24	0	0.0	499	0	0.0
Algoey	October, 2022	6	0	0.0	8	0	0.0	905	6	0.7
Kurtunwarey	June, 2022	6	0	0.0	9	0	0.0	212	3	1.4
Jowhar	April, 2022	8	0	0.0	6	0	0.0	1036	4	0.4
Hudur	May, 2022	23	0	0.0	21	0	0.0	413	0	0.0
Wanlaweyn	January, 2022	0	0	0.0	0	0	0.0	12	1	8.3
Kismayo	Sept, 2022	161	6	3.7	202	0	0.0	989	17	1.7
Total		299	6	2.0	311	0	0.0	11,339	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 1-41, 2022



Summary Statistics

New cases in Week 41 (10-16 October 2022)

311 new cases

169 (54.3%) are children below 5 years

159 (51.1%) are women

0 associated deaths

Cumulative cases Week 1-41 (Jan 1-16 October 2022)

11 339 cumulative cases

7392 (65.2%) are children below 5 years

5562(49.0%) are women

3982 (35.1%) 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 1-41 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	1423	18	1.3	75 499	1885	
	4	Dharkenley	621	1	0.2	62 968	986	
	5	Hamar Jabjab	153	1	0.7	83 706	183	
	6	Hamar Weyn	18	0	0.0	99 783	18	
	7	Hawl Wadag	138	2	1.4	90 118	153	
	8	Helwa	64	0	0.0	100 038	64	
	9	Hodan	718	4	0.6	164 941	435	
	10	Kahda	325	4	1.2	31 455	1033	
	11	Karan	111	0	0.0	283 781	39	
	12	Madina	774	7	0.9	115 451	670	
	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	Wardghiy	118	0	0.0	123 536	96	
	17	Yaqshid	165	0	0.0	296,031	56	
	18	Algoey	905	6	0.7	228,291	396	
	19	Baidoa	2406	0	0.0	385,120	625	
	20	Kurtunwarey	212	3	1.4	110,661	192	
	21	Mierka	499	0	0.0	326,240	153	
	22	Hudur	413	0	0.0	157,336	262	
	23	Walaweyn	12	1	8.3	263,176	5	
	Hirshabelle	24	Jowhar	1036	4	0.4	368,661	281
	Lower Juba	25	Kismayo	989	17	1.7	218,817	351
Total			11,339	69	0.6	4,197,595	270	