

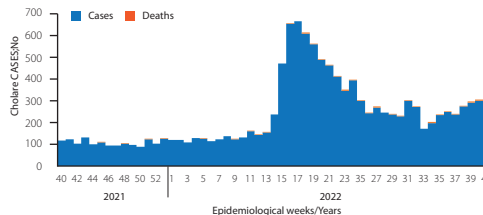
# WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 42 (17-23 October 2022)

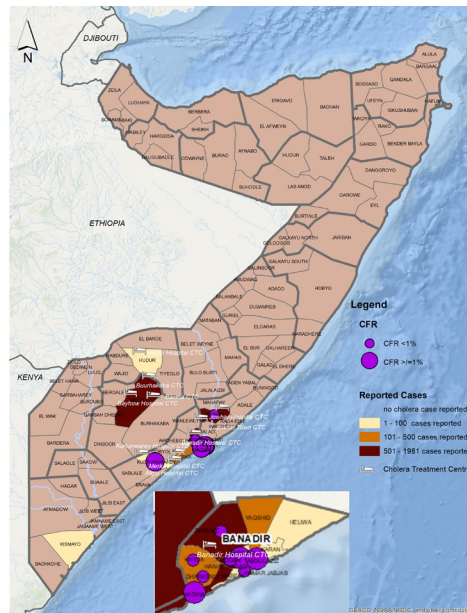
## Highlights

- Uninterrupted cholera transmission has been reported in Banadir region of Somalia since October 2017
- During week 42, 291 new suspected cases and no deaths were reported from 25 drought-affected districts of Somalia. (Table 1). In Kismayo the number of cases decreased by 11% over the past two weeks
- Since epidemiological week 1 of 2022, a total of 11 630 suspected cases of cholera including 70 associated deaths (CFR 0.6%) were reported from 25 districts of Somalia
- Since epidemiological week 1, 2022 a cumulative attack rate (CAR) of 277 cases per 100 000 population was reported. Daynile (1895 per 100,000 cases), Kahda (1036 per 100 000 cases) and Dharkenley (991 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 (4.0%), Kismayo (1.5%) Kurtunwarey (1.4%) and Hawlwadag (1.4%)
- Of the 1 554 stool samples collected and analyzed, 241 (15.5%) 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(0.04%) 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 1-42, 2022



## Summary Statistics

**New cases in Week 42 (17-23 October 2022)**

- 291** new cases
- 167 (57.4%)** are children below **5** years
- 129 (44.3%)** are women
- 0** associated deaths

**Cumulative cases Week 42 (3 Jan-23 October 2022)**

- 11 630** cumulative cases
- 7559 (64.9%)** are children below **5** years
- 5691(48.9%)** are women
- 4195 (36.0%)** are severe cases
- 70 cholera-associated deaths (CFR 0.6%)**
- 55 (78.36%)** of the deaths are children below **5** years

Table 1: suspected cholera cases, deaths and case fatality rates reported in week 40-41 and cumulative cases from week 1-42, 2022

District/Region	Outbreak start date	Week 41			Week 42			Cumulative number from week 1-42		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	October, 2017	22	0	0.0	27	0	0.0	4984	38	0.8
Baidoa	January, 2021	19	0	0.0	16	0	0.0	2422	0	0.0
Marka	March, 2022	24	0	0.0	21	0	0.0	520	0	0.0
Algoey	October, 2022	8	0	0.0	10	0	0.0	915	6	0.7
Kurtunwarey	June, 2022	9	0	0.0	7	0	0.0	219	3	1.4
Jowhar	April, 2022	6	0	0.0	12	0	0.0	1048	4	0.4
Hudur	May, 2022	21	0	0.0	19	0	0.0	432	0	0.0
Wanlaweyn	January, 2022	0	0	0.0	0	0	0.0	12	1	8.3
Kismayo	Sept, 2022	202	0	0.0	179	1	0.6	1168	18	1.5
<b>Total</b>		<b>311</b>	<b>0</b>	<b>0.0</b>	<b>291</b>	<b>1</b>	<b>0.3</b>	<b>11 630</b>	<b>70</b>	<b>0.6</b>

Table 2: reported cholera cases, deaths, case-fatality rate (CFR) and cumulative attack rate (CAR) by districts (epidemiological week 1-42 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	1431	18	1.3	75 499	1895	
	4	Dharkenley	624	1	0.2	62 968	991	
	5	Hamar Jabjab	154	1	0.6	83 706	184	
	6	Hamar Weyn	18	0	0.0	99 783	18	
	7	Hawl Wadag	140	2	1.4	90 118	155	
	8	Heliwa	64	0	0.0	100 038	64	
	9	Hodan	723	4	0.6	164 941	438	
	10	Kahda	326	4	1.2	31 455	1036	
	11	Karan	112	0	0.0	283 781	39	
	12	Madina	779	7	0.9	115 451	675	
	13	Shangani	19	0	0.0	56 143	34	
	14	Shibus	25	1	4.0	183 743	14	
SouthWest	15	Waberi	120	0	0.0	117 189	102	
	16	Wardegly	118	0	0.0	123 536	96	
	17	Yaqshid	166	0	0.0	296 031	56	
	18	Algoey	915	6	0.7	228 291	401	
	19	Baidoa	2422	0	0.0	385 120	629	
	20	Kurtunwarey	219	3	1.4	110 661	198	
	21	Mierka	520	0	0.0	326 240	159	
	22	Hudur	432	0	0.0	157 336	275	
	23	Walaweyn	12	1	8.3	263 176	5	
	Hirshabelle	24	Jowhar	1048	4	0.4	368 661	284
		25	Kismayo	1168	18	1.5	281 817	414
<b>Total</b>		<b>11,630</b>	<b>70</b>	<b>0.6</b>	<b>4 197 595</b>	<b>277</b>		