

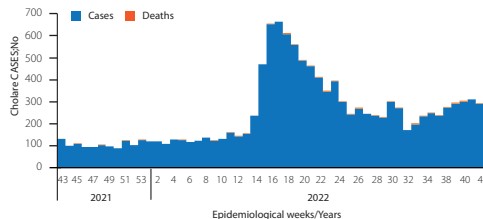
# WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 43 (24-30 October 2022)

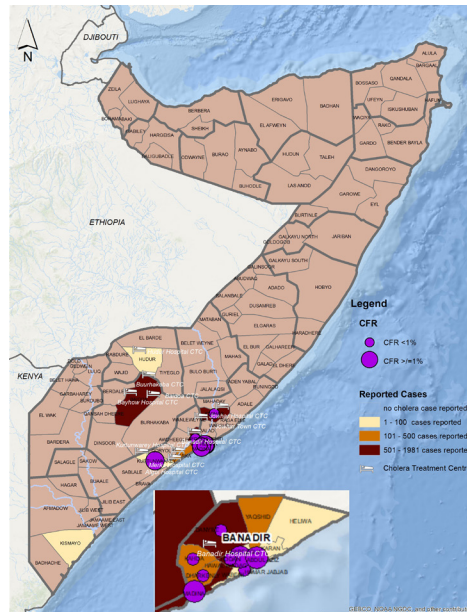
## Highlights

- Uninterrupted cholera transmission has been reported in Banadir region of Somalia since October 2017
- During week 43, 366 new suspected cases and one death were reported from 25 drought-affected districts of Somalia which represents a 25% increase in the past two weeks (Table 1). In Kismayo the number of cases increased by 24% over the past two weeks
- Since epidemiological week 1 of 2022, a total of 11 996 suspected cases of cholera including 71 associated deaths (CFR 0.6%) were reported from 25 districts of Somalia
- Since epidemiological week 1, 2022 a cumulative attack rate (CAR) of 286 cases per 100 000 population was reported. Daynile (1909 per 100,000 cases), Kahda (1040 per 100 000 cases) and Dharkenley (997 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 (1.4%) Kurtunwarey (1.3%) and Hawlwadag (1.4%)
- Of the 1 615 stool samples collected and analyzed, 236 (14.6%) 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 1-43, 2022



## Summary Statistics

New cases in Week 43 (23-30 October 2022)

**366** new cases  
**205 (56.0%)** are children below **5** years  
**196 (53.5%)** are women  
**0** associated deaths

Cumulative cases Week 1-43 (3 Jan-30 October 2022)

**11 996** cumulative cases  
**7559 (64.9%)** are children below **5** years  
**5884 (49.0%)** are women  
**4447 (37.0%)** are severe cases  
**71 cholera-associated deaths (CFR 0.6%)**  
**56 (78.9)** 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 1-43, 2022

District/Region	Outbreak start date	Week 42			Week 43			Cumulative number from week 1-43		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	October, 2017	27	0	0.0	41	0	0.9	4932	38	0.8
Baidoa	January, 2021	16	0	0.0	15	0	0.0	2437	0	0.0
Marka	March, 2022	21	0	0.0	19	0	0.0	539	0	0.0
Algoey	October, 2022	10	0	0.0	18	0	0.0	933	6	0.6
Kurtunwarey	June, 2022	7	0	0.0	11	0	0.0	230	3	1.3
Jowhar	April, 2022	12	0	0.0	18	0	0.0	1066	4	0.4
Hudur	May, 2022	19	0	0.0	22	0	0.0	454	0	0.0
Wanlaweyn	January, 2022	0	0	0.0	0	0	0.0	15	1	8.3
Kismayo	Sept, 2022	179	1	0.6	222	1	0.5	1390	19	1.4
<b>Total</b>		<b>291</b>	<b>1</b>	<b>0.3</b>	<b>366</b>	<b>1</b>	<b>0.3</b>	<b>11 996</b>	<b>71</b>	<b>0.6</b>

Table 2: reported cholera cases, deaths, case-fatality rate (CFR) and cumulative attack rate (CAR) by districts (epidemiological week 1-43 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	1441	18	1.2	75 499	1909
	4	Dharkenley	628	1	0.2	62 968	997
	5	Hamar Jabjab	157	1	0.6	83 706	188
	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	728	4	0.5	164 941	441
	10	Kahda	327	4	1.2	31 455	1040
	11	Karan	113	0	0.0	283 781	40
	12	Madina	786	7	0.9	115 451	681
	13	Shangani	20	0	0.0	56 143	36
SouthWest	14	Shibus	26	1	3.8	183 743	14
	15	Waberi	121	0	0.0	117 189	103
	16	Wardigley	121	0	0.0	123 536	98
	17	Yaqshid	166	0	0.0	296 031	56
	18	Algoey	933	6	0.6	228 291	409
	19	Baidoa	2437	0	0.0	385 120	633
	20	Kurtunwarey	230	3	1.3	110 661	208
	21	Mierka	539	0	0.0	326 240	165
	22	Hudur	454	0	0.0	157 336	289
	23	Walaweyn	15	1	8.3	263 176	5
Hirshabelle	24	Jowhar	1066	4	0.4	368 661	289
Lower Juba	25	Kismayo	1390	19	1.4	281 817	493
<b>Total</b>			<b>11 996</b>	<b>71</b>	<b>0.6</b>	<b>4 197 595</b>	<b>286</b>