

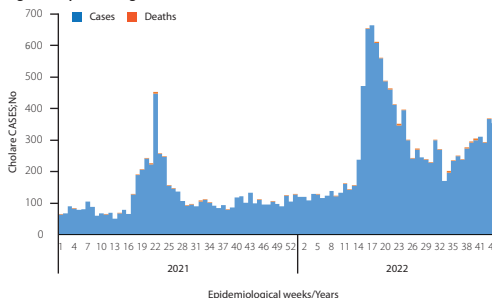
# WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 44 (31 October-6 November 2022)

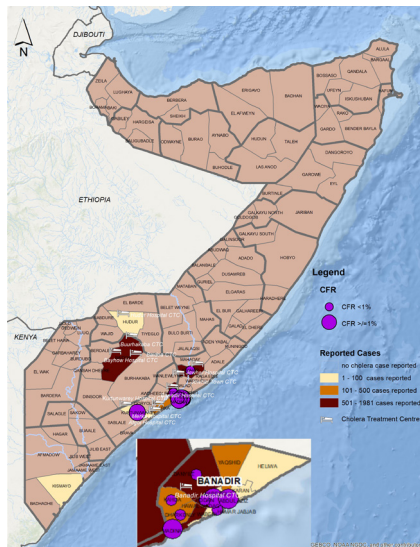
## Highlights

- Uninterrupted cholera transmission has been reported in Banadir region of Somalia since October 2017
- During week 44, 353 new suspected cases with no associated death were reported from 25 drought-affected districts of Somalia. In Kismayo the number of cases decreased by 24% over the past two weeks (Table 1).
- Since epidemiological week 1 of 2022, a total of 12 349 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 294 cases per 100 000 population was reported. Daynile (1921 per 100,000 cases), Kahda (1043 per 100 000 cases) and Dharkenley (1008 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 ≥1% for emergency settings. These districts include Wanlaweyne (8.3%), Shibus (3.8%), Kismayo (1.2%) Kurtunwarey (1.3%) 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 1-44, 2022



## Summary Statistics

New cases in Week 44 (31 October-6 November 2022)

- 353** new cases
- 196 (55.5%)** are children below **5** years
- 172 (48.7%)** are women
- 0** associated deaths

Cumulative cases Week 1-44 (3 January-6 November 2022)

- 12 349** cumulative cases
- 7960 (64.9%)** are children below **5** years
- 6056 (49.0%)** are women
- 4681 (37.9%)** 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 1-44, 2022

District/Region	Outbreak start date	Week 43			Week 44			Cumulative number from week 1-44		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	October, 2017	41	0	0.9	34	0	0.0	4966	38	0.8
Baidoa	January, 2021	15	0	0.0	21	0	0.0	2458	0	0.0
Marka	March, 2022	19	0	0.0	18	0	0.0	557	0	0.0
Algoey	October, 2022	18	0	0.0	12	0	0.0	945	6	0.6
Kurtunwarey	June, 2022	11	0	0.0	10	0	0.0	240	3	1.3
Jowhar	April, 2022	18	0	0.0	33	0	0.0	1099	4	0.4
Hudur	May, 2022	22	0	0.0	19	0	0.0	473	0	0.0
Wanlaweyn	January, 2022	0	0	0.0	0	0	0.0	15	1	8.3
Kismayo	Sept, 2022	222	1	0.5	206	0	0.0	1596	19	1.2
<b>Total</b>		<b>366</b>	<b>1</b>	<b>0.3</b>	<b>353</b>	<b>0</b>	<b>0.0</b>	<b>12,349</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- 44 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	1450	18	1.2	75 499	1921
	4	Dharkenley	635	1	0.2	62 968	1008
	5	Hamar Jabjab	160	1	0.6	83 706	191
	6	Hamar Weyn	18	0	0.0	99 783	18
	7	Hawl Wadag	141	2	1.4	90 118	156
	8	Heliwa	64	0	0.0	100 038	64
	9	Hodan	733	4	0.5	164 941	444
	10	Kahda	328	4	1.2	31 455	1043
	11	Karan	113	0	0.0	283 781	40
	12	Madina	789	7	0.9	115 451	683
	13	Shangani	20	0	0.0	56 143	36
	14	Shibus	26	1	3.8	183 743	14
15	Waberi	125	0	0.0	117 189	107	
16	Wardigly	121	0	0.0	123 536	98	
17	Yaqshid	167	0	0.0	296 031	56	
SouthWest	18	Algoey	945	6	0.6	228 291	414
	19	Baidoa	2458	0	0.0	385 120	638
	20	Kurtunwarey	240	3	1.3	110 661	217
	21	Mierka	557	0	0.0	326 240	171
	22	Hudur	473	0	0.0	157 336	301
	23	Walaweyn	15	1	8.3	263 176	5
Hirshabelle	24	Jowhar	1099	4	0.4	368 661	298
Lower Juba	25	Kismayo	1596	19	1.2	281 817	566
<b>Total</b>			<b>12 349</b>	<b>71</b>	<b>0.6</b>	<b>4 197 595</b>	<b>294</b>