

WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 36 (5-11 September 2022)

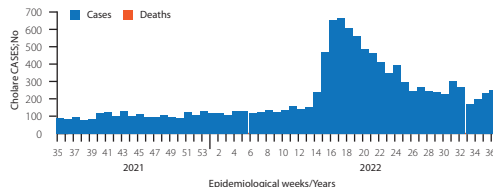
Highlights

- Uninterrupted cholera transmission has been reported in Banadir region of Somalia since October 2017
- During week 36, 249 new suspected cases and 2 associated deaths were reported from 25 drought affected districts of Somalia. This represents a 6% increase in the number of cases reported over the past two weeks (Table 1)
- Since epidemiological week 1 of 2022, a total of 9 926 suspected cases of cholera including 54 associated deaths (CFR 0.5%) were reported from 25 district of Somalia
- Since epidemiological week 1, 2022 a cumulative attack rate (CAR) of 253 cases per 100 000 population were reported. Daynile (1821 per 100,000 cases), Kahda (1005 per 100 000 cases) and Dharkenley (961 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 0.5% 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 Kismayo (3.1%) Wanlaweyn (8.3%), Shibis (4.3%), Kurtunwarey (1.7%), Hawl Wadag (1.5%),
- Of the 1 147 stool samples collected and analyzed, 218(18.7%) samples tested positive for *Vibrio cholerae* O1 serotype Ogawa while 6 samples were tested positive for *Vibrio cholerae* O139 Inaba. Positive stool samples of *Vibrio cholerae* O139 Inaba were confirmed in Daynile district of Banadir region.
- 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.

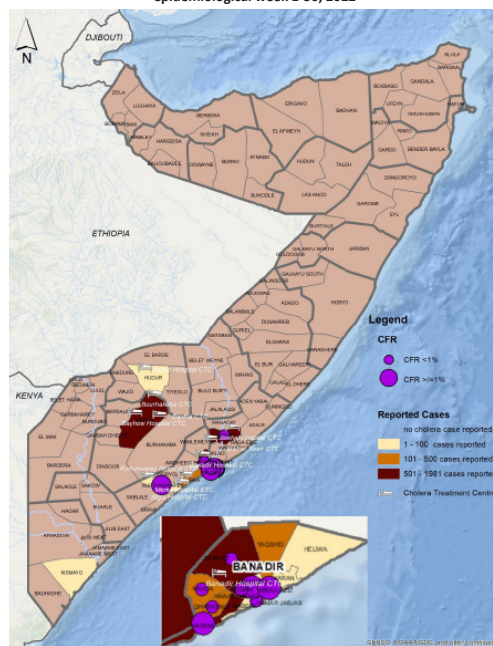
Table 1: Suspected cholera cases, deaths and case fatality rates reported in week 35-36 and cumulative cases from week 1-36,2022

District/Region	Outbreak start date	Week 35			Week 36			Cumulative number from week 1-36		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	October, 2017	60	1	1.7	54	0	0.0	4695	34	0.72
Baidoa	January, 2021	24	0	0.0	24	0	0.0	2299	0	0.0
Marka	March, 2022	14	0	0.0	26	0	0.0	388	0	0.0
Algoey	October, 2022	15	1	6.7	8	0	0.0	869	6	0.7
Kurtunwarey	June, 2022	8	0	0.0	8	0	0.0	174	3	1.7
Jowhar	April, 2022	14	0	0.0	14	0	0.0	998	4	0.4
Hudur	May, 2022	20	0	0.0	21	0	0.0	300	0	0.0
Wanlaweyn	January, 2022	0	0	0.0	0	0	0.0	12	1	8.3
Kismayo	September, 2022	79	0	0.0	94	2	2.1	191	6	3.1
Total		234	2	0.9	249	2	0.8	9926	54	0.5

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 1-36, 2022



Summary Statistics

New cases in Week 36 (5-11 September 2022)

- 249 new cases
- 129 (55.1%) are children below 5 years
- 112 (47.8%) are women
- 2 associated deaths (CFR 0.9%)

Cumulative cases Week 35 (29 August - 4 September 2022)

- 9 926 cumulative cases
- 6 610 (66.6%) are children below 5 years
- 4 863 (48.9%) are women
- 2912 (29.3%) are severe cases
- 54 cholera-associated deaths (CFR 0.5%)
- 42 (77.8%) 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- 36 2022)

State/region	Number	District	Cases	Deaths	CFR (%)	Population	Attack Rate (per 100,000 population)
Banadir	Abdul Aziz	26	0	0.0	51,040	51	51
	Bondere	47	0	0.0	140,872	33	33
	Danyile	1398	17	1.2	75,499	1852	1801
	Dharkenley	610	1	0.2	62,968	969	950
	Hamar Jabjab	143	1	0.7	83,706	171	165
	Hamar Weyn	18	0	0.0	99,783	18	17
	Hawl Wadag	134	2	1.5	90,118	149	146
	Heliwa	61	0	0.0	100,038	61	60
	Hodan	693	3	0.4	164,941	420	415
	Kahda	320	4	1.3	31,455	1017	989
	Karan	107	0	0.0	283,781	38	38
	Madina	754	7	0.9	115,451	653	644
	Shangani	19	0	0.0	56,143	34	34
	Shibis	25	1	4.0	183,743	14	13
	Waberi	118	0	0.0	117,189	101	100
SouthWest	Wardegly	112	0	0.0	123,536	91	88
	Yaqshid	159	0	0.0	296,031	54	51
	Algoey	874	6	0.7	228,291	383	377
	Baidoa	2325	0	0.0	385120	604	591
	Kurtunwarey	183	3	1.6	110661	165	150
	Merka	402	0	0.0	326240	123	111
Hirshabelle	Hudur	320	0	0.0	157336	203	177
	Walaweyn	12	1	8.3	263176	5	5
	Jowhar	1006	4	0.4	368661	273	267
Jubaland	Kismayo	298	6	2.0	281817	106	34
Total			10,164	56	0.6	3,915,778	260