

# WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 35 (29 August - 4 September 2022)

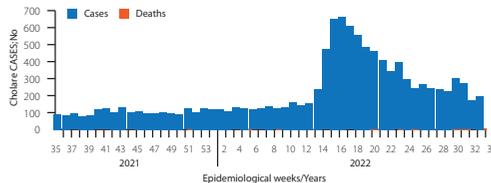
## Highlights

- Uninterrupted cholera transmission has been reported in Banadir region of Somalia since October 2017
- During week 35, 243 new suspected cases and 2 associated deaths were reported from 25 drought affected districts of Somalia. This represents a 19.3% increase in the number of cases reported over the past two weeks (Table 1)
- Since epidemiological week 1 of 2022, a total of 9 677 suspected cases of cholera including 52 associated deaths (CFR 0.5%) were reported from 25 district of Somalia
- Since epidemiological week 1, 2022 a cumulative attack rate (CAR) of 247 cases per 100 000 population were reported. Daynile (17 801 per 100,000 cases), Kahda (989 per 100 000 cases) and Dharkenley (950 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 (4.1%) Wanlaweyne (8.3%), Shibis (4.3%), Kurtunwarey (1.8%), Hawl Wadag (1.5%),
- Of the 1147 stool samples collected and analyzed, 218(18.7%) samples tested positive for *Vibrio cholerae* O1 serotype Ogawa while 6 samples from Daynile district were tested positive for *Vibrio Cholerae* O139 Inaba.
- 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.

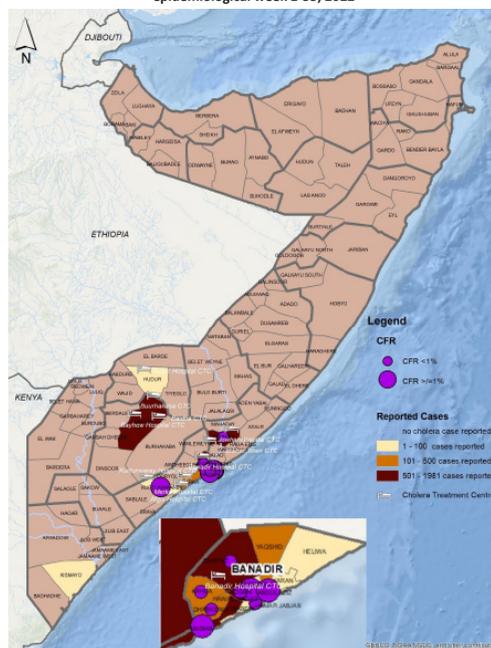
Table 1: suspected cholera cases, deaths and case fatality rates reported in week 34-35 and cumulative cases from week 1-35,2022

District/Region	Outbreak start date	Week 34			Week 35			Cumulative number from week 1-35		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	October, 2017	81	2	2.5	60	1	1.7	4641	34	0.7
Baidoa	January, 2021	25	0	0	24	0	0	2275	0	0
Marka	March, 2022	5	0	0	14	0	0	362	0	0
Afgoye	October, 2022	14	0	0	15	1	6.7	861	6	0.7
Kurtunwarey	June, 2022	5	0	0	8	0	0	166	3	1.8
Jowhar	April, 2022	23	0	0	14	0	0	984	4	0.4
Hudur	May, 2022	25	0	0	20	0	0	279	0	0
Wanlaweyn	January,2022	0	0	0	0	0	0	12	1	8.3
Kismayo	September,2022	18	4	22.2	79	0	0	97	4	4.1
<b>Total</b>		<b>196</b>	<b>5</b>	<b>0.5</b>	<b>234</b>	<b>2</b>	<b>0.9</b>	<b>9677</b>	<b>52</b>	<b>0.5</b>

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 1-35, 2022



## Summary Statistics

New cases in Week 35 (29 August - 4 September 2022)

- 234** 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)

- 9 677** cumulative cases
- 6 470 (66.9%)** are children below **5** years
- 4 743 (49.0%)** are women
- 2728 (28.2%)** are severe cases
- 52** cholera-associated deaths (CFR 0.5%)
- 40 (80.0%)** 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- 35 2022)

State/region	Number	District	Cases	Deaths	CFR (%)	Population	Attack Rate (per 100,000 population)	
Banadir	1	Abdul Aziz	26	0	0.0	51,040	51	
	2	Bondere	47	0	0.0	140,872	33	
	3	Danyile	1360	15	1.1	75,499	1801	
	4	Dharkenley	598	1	0.2	62,968	950	
	5	Hamar Jabjeb	138	1	0.7	83,706	165	
	6	Hamar Weyn	17	0	0.0	99,783	17	
	7	Hawl Wadag	132	2	1.5	90,118	146	
	8	Heliwa	60	0	0.0	100,038	60	
	9	Hodan	684	3	0.4	164,941	415	
	10	Kahda	311	4	1.3	31,455	989	
	11	Karan	107	0	0.0	283,781	38	
	12	Madina	743	7	0.9	115,451	644	
	13	Shangani	19	0	0.0	56,143	34	
	14	Shibis	23	1	4.3	183,743	13	
	15	Waberi	117	0	0.0	117,189	100	
SouthWest	16	Wardgey	109	0	0.0	123,536	88	
	17	Yaqshid	150	0	0.0	296,031	51	
	18	Afgoye	861	6	0.7	228,291	377	
	19	Baidoa	2275	0	0.0	385,120	591	
	20	Kurtunwarey	166	3	1.8	110,661	150	
	21	Merka	362	0	0.0	326,240	111	
	22	Hudur	279	0	0.0	157,336	177	
	23	Walaweyn	12	1	8.3	263,176	5	
	Hirshabelle	24	Jowhar	984	4	0.4	368,661	267
		25	Kismayo	97	4	4.1	281817	34
<b>Total</b>			<b>9,677</b>	<b>52</b>	<b>0.5</b>	<b>3,915,778</b>	<b>247</b>	