

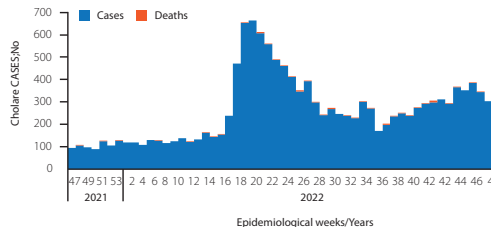
# WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 49 ( 5-11 December 2022)

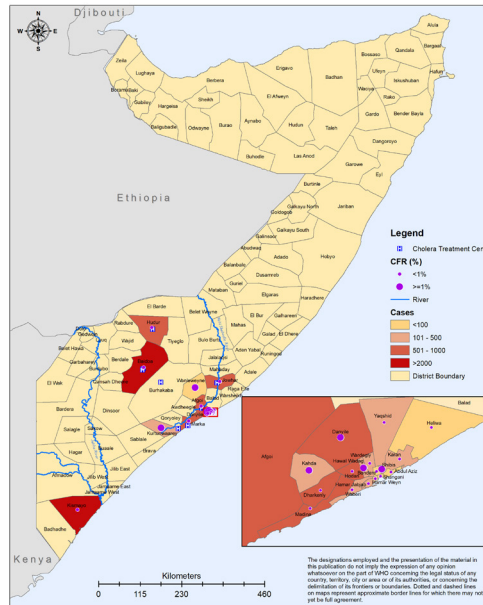
## Highlights

- During week 49, 265 new suspected cases with one associated death were reported from 25 drought-affected districts of Somalia. (Table 1).
- Since epidemiological week 1 of 2022, a total of 13 907 suspected cases of cholera including 73 associated deaths (CFR 0.5%) were reported from 25 districts of Somalia
- Since epidemiological week 1, 2022 a cumulative attack rate (CAR) of 331 cases per 100 000 population was reported. Daynile (1971 per 100 000 cases), Kahda (1062 per 100 000 cases) and Dharkenley (1051 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 six of these districts, the CFR exceeded the emergency threshold of  $\geq 1\%$  for emergency settings. These districts include Wanlaweyne (8.3%), Shibis (3.8%), Hawlwadag (1.4%), Kahda (1.2%), Daynile (1.2%) and Kurtunwarey (1.1%)
- Of the 1963 stool samples collected and analyzed, 257 (13.4%) 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 1-49, 2022



## Summary Statistics

New cases in Week 49 ( 5-11 December 2022)

- 265** new cases
- 160 (60.4%)** are children below **5** years
- 136 (50.3%)** are women
- 0** associated deaths

Cumulative cases Week 1-46 (3 January - 11 December 2022)

- 13 907** cumulative cases
- 8846 (63.6%)** are children below **5** years
- 6846 (49.2%)** are women
- 5546 (39.5%)** are severe cases
- 73 cholera-associated deaths (CFR 0.5%)**
- 57 (78.0%)** of the deaths are children below **5** years

Table 1: suspected cholera cases, deaths and case fatality rates reported in week 48-49 and cumulative cases from week 1-49, 2022

District/Region	Outbreak start date	Week 48			Week 49			Cumulative number from week 1-49		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Benadir	October, 2017	31	0	0.0	24	0	0.0	5104	38	0.7
Baidoa	January, 2021	15	0	0.0	15	0	0.0	2548	0	0.0
Marka	March, 2022	7	0	0.0	12	0	0.0	619	0	0.0
Algoey	October, 2022	18	0	0.0	27	0	0.0	1086	6	0.6
Kurtunwarey	June, 2022	5	0	0.0	8	0	0.0	270	3	1.1
Jowhar	April, 2022	29	0	0.0	9	0	0.0	1201	4	0.3
Hudur	May, 2022	25	0	0.0	29	0	0.0	581	0	0.0
Wanlaweyn	January, 2022	0	0	0.0	0	0	0.0	15	1	8.3
Kismayo	Sept, 2022	129	0	0.0	141	0	0.0	2483	21	0.8
<b>Total</b>		<b>259</b>	<b>0</b>	<b>0.0</b>	<b>265</b>	<b>0</b>	<b>0.0</b>	<b>13907</b>	<b>73</b>	<b>0.5</b>

Table 2: reported cholera cases, deaths, case-fatality rate (CFR) and cumulative attack rate (CAR) by districts (epidemiological week 1-49 2022)

State/region	Number	District	Cases	Deaths	CFR (%)	Population	Attack Rate (per 100,000 population)
Banadir	1	Abdul Aziz	31	0	0.0	51 040	61
	2	Bondere	50	0	0.0	140 872	35
	3	Daynile	1488	18	1.2	75 499	1971
	4	Dharkenley	662	1	0.2	62 968	1051
	5	Hamar Jabjab	166	1	0.6	83 706	198
	6	Hamar Weyn	19	0	0.0	99 783	19
	7	Hawl Wadag	145	2	1.4	90 118	161
	8	Helwaa	64	0	0.0	100 038	64
	9	Hodan	750	4	0.5	164 941	455
	10	Kahda	334	4	1.2	31 455	1062
	11	Karan	114	0	0.0	283 781	40
	12	Madina	808	7	0.9	115 451	700
	13	Shangani	21	0	0.0	56 143	37
	14	Shibis	26	1	3.8	183 743	14
15	Waberi	127	0	0.0	117 189	108	
16	Wardgey	126	0	0.0	123 536	102	
17	Yaqshid	173	0	0.0	296 031	58	
SouthWest	18	Algoey	1086	6	0.6	228 291	476
	19	Baidoa	2548	0	0.0	385 120	662
	20	Kurtunwarey	270	3	1.1	110 661	244
	21	Mierka	619	0	0.0	326 240	190
	22	Hudur	581	0	0.0	157 336	369
	23	Walaweyn	15	1	8.3	263 176	5
Hirshabelle	24	Jowhar	1201	4	0.3	368 661	326
Jubaland	25	Kismayo	2483	21	0.8	281 817	881
<b>Total</b>	<b>13 907</b>	<b>73</b>	<b>0.5</b>	<b>4 197 595</b>	<b>331</b>		