

WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 49 (4-9 December 2023)

Highlights

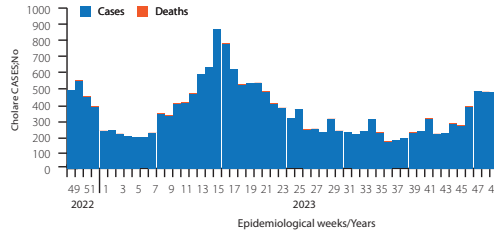
- Somalia has had uninterrupted cholera transmission in 29 drought-affected (11 of which are currently affected by floods) districts since 2022 and in Banadir region since the drought of 2017.
- During week 49, 475 new suspected cases with no associated death were reported from 29 drought-affected districts.
- The number of new cholera cases increased by almost 50% in Kismayo district over the past two weeks (Table 1).
- Since epidemiological week 1 of 2023, a total of 16989 suspected cases of cholera including 43 associated deaths (CFR 0.3%) were reported from 29 districts.
- The overall case fatality rate (CFR) of 0.3% reported from 29 districts is below the emergency threshold of $\geq 1\%$.
- Since epidemiological week 1, 2023 a cumulative attack rate (CAR) of 379 cases per 100 000 population was reported. Belethawa (3674 cases per 100,000), Afmadow (1036 cases per 100,000 Dolow (1437 cases per 100,000) and Daynile (1234 cases per 100,000) have reported the highest CAR amongst all the affected districts (Table 2).
- Of the 3230 stool samples collected since epidemiological week 1 2023, 1082 (33.5%) samples tested positive by Rapid Diagnostic Test (RDT) while 306 (9.5%) stool samples were tested positive for *Vibrio cholerae* O1 serotype Ogawa while one sample from Afmadow tested positive for *Vibrio cholerae* O1 serotype Inaba.
- WHO and health partners have scaled up the implementation of cholera response activities in districts affected by floods resulting from the El Nino season.

Table 1: suspected cholera cases, deaths and case fatality rate reported in week 1- 46 and cumulative cases from week 1- 49, 2023

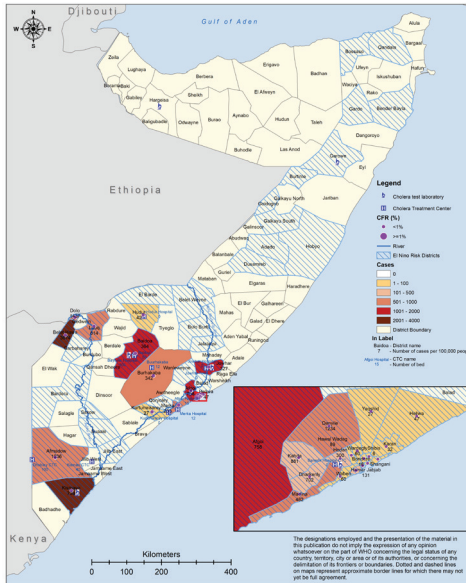
District/Region	Outbreak start date	Week 48			Week 49			Cumulative (wk1- 47)		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	Oct, 2017	131	0	0.0	113	0	0.0	3317	0	0.0
Algoye*	Oct, 2022	37	0	0.0	53	0	0.0	1731	11	0.6
Baidoa*	Jan, 2022	43	0	0.0	43	0	0.0	1400	3	0.2
Burhakabe*	24-Aug-23	89	0	0.0	52	0	0.0	727	4	0.6
Kurtunwarey* [∞]	June, 2022	0	0	0.0	0	0	0.0	30	0	0.0
Merka	March, 2022	17	0	0.0	21	0	0.0	760	2	0.3
Hudur*	May, 2022	0	0	0.0	0	0	0.0	66	0	0.0
Jowhar*	April, 2022	42	0	0.0	44	0	0.0	1205	0	0.0
Kismayo*	Sept, 2022	38	0	0.0	53	0	0.0	2083	2	0.1
Afmadow*	Dec, 2022	0	0	0.0	0	0	0.0	899	7	0.8
Belethawo* [∞]	Feb, 2023	81	0	0.0	96	0	0.0	3478	10	0.3
Luq* [∞]	April, 2023	0	0	0.0	0	0	0.0	650	2	0.3
Dolow*	April, 2023	0	0	0.0	0	0	0.0	643	2	0.3
Total		478	0	0.0	475	0	0.0	16989	43	0.3

* districts currently affected by floods resulting from El Nino
[∞] no active cases reported

Figure 1: Epidemiological curve for cholera cases and deaths in Somalia 2022-2023



Map 1. Number of reported cholera cases and case fatality rate by district, epidemiological week 1-49 2023



Summary Statistics

New cases in Week 49 (4-9 December 2023)

475 new cases
275 (57.8%) are children below 5 years
256 (53.9%) are female

Cumulative cases Week 1-49 (2 Jan to 9 December 2023)

16 989 cumulative cases
9192 (54.1%) are children below 5 years
8786 (51.7%) are female
8405 (49.5%) are severe cases
43 cholera-associated deaths (CFR 0.3%)
28 (66.7%) deaths are children under 5 years

Table 2: Reported cholera cases, deaths, case Fatality Rates (CFR) and Cumulative attack rates by districts (week 1- 49) (2 January to 10 December 2023)

State/region	Number	District	Cases	Deaths	CFR (%)	Population	Attack Rate (per 100 000 population)
Banadir	1	Abdul Aziz	8	0	0.0	51,040	16
	2	Bondere	22	0	0.0	140,872	16
	3	Danyille	932	0	0.0	75,499	1234
	4	Darkenly	442	0	0.0	62,968	702
	5	Hamar Jabjab	110	0	0.0	83,706	131
	6	Hamar Weyn	13	0	0.0	99,783	13
	7	Hawl Wadag	87	0	0.0	90,118	89
	8	Heliwa	47	0	0.0	100,038	47
	9	Hodan	494	0	0.0	164,941	300
	10	Kahda	277	0	0.0	31,455	881
	11	Karan	9	0	0.0	283,781	32
	12	Shangani	92	0	0.0	56,143	16
	13	Shibis	11	0	0.0	183,743	6
	14	Waberi	70	0	0.0	117,189	60
	15	Wadajley	557	0	0.0	115,451	482
	16	Wadagley	74	0	0.0	123,536	60
	17	Yaqshid	79	0	0.0	296,031	27
SouthWest	18	Algoye	1731	11	0.6	228,291	758
	19	Baidoa	1400	3	0.2	385,120	364
	20	Kurtunwarey	30	0	0.0	110,667	27
	21	Hudur	66	0	0.0	157,336	42
	22	Merka	760	2	0.3	326,240	233
Hirshabelle	23	Burhakaba	727	4	0.6	212,404	342
	24	Jowhar	1205	0	0.0	368,661	327
Jubaland	25	Kismayo	2083	2	0.1	286,817	739
	26	Afmadow	899	7	0.8	88,800	1036
	27	Belethawo	3478	10	0.3	94,672	3674
	28	Luq	650	2	0.3	105,921	614
	29	Dolow	643	2	0.3	44,575	1437
Total			16,989	43	0.3	4,478,973	379