

WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 50 (11-17 December 2023)

Highlights

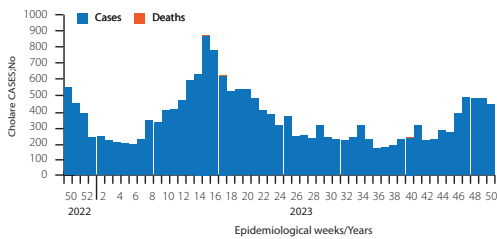
- Somalia has had uninterrupted cholera transmission in 29 drought-affected (11 of which are currently affected by floods) districts since 2022 and in Banadir region since the drought of 2017.
- During week 50, 439 new suspected cases with no associated death were reported from 29 drought-affected districts.
- The number of new cholera cases decreased by almost 10% in flood affected districts and by 35% in Belethawa over the past two weeks (Table 1).
- Since epidemiological week 1 of 2023, a total of 17428 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 389 cases per 100 000 population was reported. Belethawa (3739 cases per 100,000), Afmadow (1036 cases per 100,000 Dolow (1437 cases per 100,000) and Daynile (1289 cases per 100,000) have reported the highest CAR amongst all the affected districts (Table 2).
- Of the 3403 stool samples collected since epidemiological week 1 2023, 1141 (33.5%) samples tested positive by Rapid Diagnostic Test (RDT) while 307 (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 since October 2023.

Table 1: suspected cholera cases, deaths and case fatality rate reported in week 1- 46 and cumulative cases from week 1- 50,2023

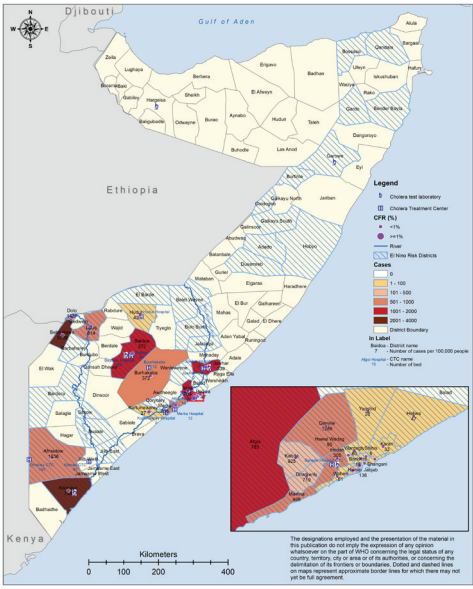
District/Region	Outbreak start date	Week 49			Week 50			Cumulative (wk1- 50)		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	Oct, 2017	113	0	0.0	110	0	0.0	3427	0	0.0
Algoye	Oct, 2022	53	0	0.0	57	0	0.0	1788	11	0.6
Baidoa	Jan, 2022	43	0	0.0	31	0	0.0	1431	3	0.2
Burhakabe	24-Aug-23	52	0	0.0	63	0	0.0	790	4	0.5
Kurtunwarye	June, 2022	0	0	0.0	0	0	0.0	30	0	0.0
Merka	March, 2022	21	0	0.0	18	0	0.0	778	2	0.3
Hudur	May, 2022	0	0	0.0	0	0	0.0	66	0	0.0
Jowhar	April, 2022	44	0	0.0	46	0	0.0	1251	0	0.0
Kismayo	Sept, 2022	53	0	0.0	52	0	0.0	2135	2	0.1
Afmadow	Dec, 2022	0	0	0.0	0	0	0.0	899	7	0.8
Belethawa	Feb, 2023	96	0	0.0	62	0	0.0	3540	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		475	0	0.0	439	0	0.0	17428	43	0.2

* 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 1-50 2023



Summary Statistics

New cases in Week 50 (11-17 December 2023)

439 new cases
260 (59.2%) are children below 5 years
212 (48.3%) are female

Cumulative cases Week 1-50 (2 Jan to 17 December 2023)

17 428 cumulative cases
9452 (54.2%) are children below 5 years
8998 (51.6%) are female
8646 (49.6%) 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- 50) (2 January to 17th Dec. 2023)

State/region	Number	District	Cases	Deaths	CFR (%)	Population	Attack Rate (per 100 000 population)
Banadir	1	Abdul Aziz	11	0	0.0	51,040	22
	2	Bondere	22	0	0.0	140,872	16
	3	Danyiile	973	0	0.0	75,499	1289
	4	Dharkenly	453	0	0.0	62,968	719
	5	Hamar Jabjab	114	0	0.0	83,706	136
	6	Hamar Weyn	14	0	0.0	99,783	14
	7	Hawl Wadag	81	0	0.0	90,118	90
	8	Heliwa	47	0	0.0	100,038	47
	9	Hodan	503	0	0.0	164,941	305
	10	Kahda	291	0	0.0	31,455	925
	11	Karan	9	0	0.0	283,781	33
	12	Shangani	9	0	0.0	56,143	16
	13	Shibis	11	0	0.0	183,743	61
	14	Waberi	72	0	0.0	117,189	6
	15	Wadajley	576	0	0.0	115,451	499
	16	Wadagley	74	0	0.0	123,536	60
	17	Yaqshid	83	0	0.0	296,031	28
SouthWest	18	Algoye	1788	11	0.6	228,291	783
	19	Baidoa	1431	3	0.2	385,120	372
	20	Kurtunwarye	30	0	0.0	110,667	27
	21	Hudur	66	0	0.0	157,336	42
	22	Merka	778	2	0.3	326,240	238
	23	Burhakaba	790	4	0.5	212,404	372
Hirshabelle	24	Jowhar	1251	0	0.0	368,661	339
	25	Kismayo	2135	2	0.1	281,817	758
Jubaland	26	Afmadow	899	7	0.8	86,800	1036
	27	Belethawa	3540	10	0.3	94,672	3739
	28	Luq	650	2	0.3	105,921	614
	29	Dolow	643	2	0.3	44,757	1437
Total			17,428	43	0.3	4478937	389