WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA
Epidemiological Week 52 (25-31 December 2023)

World Health Organization
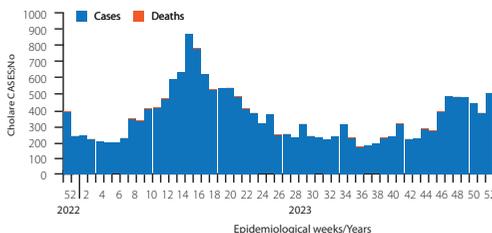Somalia

Highlights

- Somalia has had uninterrupted cholera transmission in 30 drought-affected (12 of which are currently affected by floods) districts since 2022 and in Banadir region since the drought of 2017.
- During week 52, 499 new suspected cases with three associated deaths were reported from 30 drought-affected districts.
- The number of new cholera cases increased by almost 32% in flood affected districts in the past two weeks due to cholera outbreak in Beletweyne (Table 1).
- Since epidemiological week 1 of 2023, a total of 18304 suspected cases of cholera including 46 associated deaths (CFR 0.3%) were reported from 29 districts.
- The overall case fatality rate (CFR) of 0.3% reported from 30 districts is below the emergency threshold of ≥1%. However, the CFR in Beletweyne in Beletweyne is higher than the emergency threshold
- Since epidemiological week 1, 2023 a cumulative attack rate (CAR) of 388 cases per 100 000 population was reported. Belethawa (3869 cases per 100,000), Afmadow (1036 cases per 100,000) Dowlow (1437 cases per 100,000) and Daynile (1350 cases per 100,000) have reported the highest CAR amongst all the affected districts (Table 2).
- Of the 3627 stool samples collected since epidemiological week 1 2023, 1204 (33.2%) samples tested positive by Rapid Diagnostic Test (RDT) while 332 (9.2%) stool samples were tested positive for *Vibrio cholerae* 01 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- 52 and cumulative cases from week 1- 52,2023
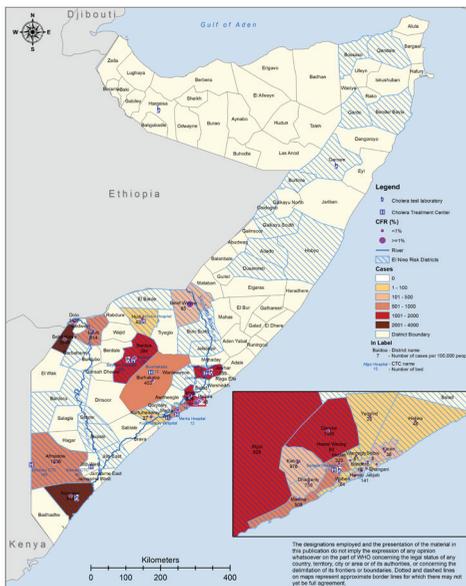
District/Region	Outbreak start date	Week 51			Week 52			Cumulative (wk1- 52) 2023		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Banadir	Oct, 2017	75	0	0.0	70	0	0.0	3572	0	0.0
Afgoye	Oct, 2022	46	0	0.0	56	0	0.0	1890	11	0.6
Baidoa*	Jan, 2022	27	0	0.0	21	0	0.0	1479	3	0.2
Burhakabe*	24-Aug-23	37	0	0.0	28	0	0.0	855	4	0.5
Kurtunwarey∞	June, 2022	0	0	0.0	0	0	0.0	30	0	0.0
Merka	March, 2022	13	0	0.0	8	0	0.0	799	2	0.3
Hudur*∞	May, 2022	0	0	0.0	0	0	0.0	66	0	0.0
Jowhar*	April, 2022	33	0	0.0	23	0	0.0	1307	0	0.0
Kismayo	Sept,2022	96	0	0.0	61	0	0.0	2292	2	0.1
Afmadow∞	Dec,2022	0	0	0.0	0	0	0.0	899	7	0.8
Belethawo∞	Feb,2023	50	0	0.0	73	0	0.0	3663	10	0.3
Luq∞	April,2023	0	0	0.0	0	0	0.0	650	2	0.3
Dowlow* ∞	April,2023	0	0	0.0	0	0	0.0	643	2	0.3
Beletweyne*	Dec,2023	0	0	0.0	159	3	0.0	159	3	1.9
Total		**377**	**0**	**0**	**499**	**3**	**0.6**	**18304**	**46**	**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

Epidemiological weeks/Years

Map 1. Number of reported cholera cases and case fatality rate by district, epidemiological week 1-52 2023

Summary Statistics

New cases in Week 52 (11-31 December 2023)

- **499** new cases
- **332 (66.5%)** are children below **5** years
- **251 (50.3%)** are female

Cumulative cases Week 1-52 (2 Jan to 31 December 2023)

- **18 304** cumulative cases
- **10022 (54.7%)** are children below **5** years
- **9431 (51.5%)** are female
- **9159 (50.0%)** are severe cases
- **46** cholera-associated deaths **(CFR 0.2%)**
- **27 (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- 52) (2 January to 31st Dec. 2023)

State/region	Number	District	Cases	Deaths	CFR (%)	Population	Attack Rate (per 100 000 population)
Banadir	1	Abdul Aziz	12	0	0.0	51,040	24
	2	Bondere	22	0	0.0	140,872	16
	3	Danyile	1019	0	0.0	75,499	1350
	4	Dharkenly	478	0	0.0	62,968	759
	5	Hamar Jabjab	118	0	0.0	83,706	141
	6	Hamar Weyn	14	0	0.0	99,783	14
	7	Hawl Wadag	84	0	0.0	90,118	93
	8	Heliwa	48	0	0.0	100,038	48
	9	Hodan	528	0	0.0	164,941	320
	10	Kahda	307	0	0.0	31,455	976
	11	Karan	102	0	0.0	283,781	36
	12	Shangani	9	0	0.0	56,143	16
	13	Shibis	11	0	0.0	183,743	6
	14	Waberi	75	0	0.0	117,189	64
	15	Wadajir	587	0	0.0	115,451	508
	16	Wardegley	75	0	0.0	123,536	61
	17	Yaqshid	83	0	0.0	296,031	28
SouthWest	18	Afgoye	1890	11	0.6	228,291	828
	19	Baidoa	1479	3	0.2	385,120	384
	20	Kurtunwarey	30	0	0.0	110,661	27
	21	Hudur	66	0	0.0	157,336	42
	22	Merka	799	2	0.3	326,240	245
	23	Burhakaba	855	4	0.5	212,404	403
Hirshabelle	24	Beletweyne	159	3	1.9	244,072	65
	25	Jowhar	1307	0	0.0	368,661	355
Jubaland	26	Kismayo	2292	2	0.1	281,817	813
	27	Afmadow	899	7	0.8	86,800	1036
	28	Belethawo	3663	10	0.3	94,672	3869
	29	Luq	650	2	0.3	105,921	614
	30	Dowlow	643	2	0.3	44,757	1437
Total			**18,304**	**46**	**0.3**	**4,723,045**	**388**