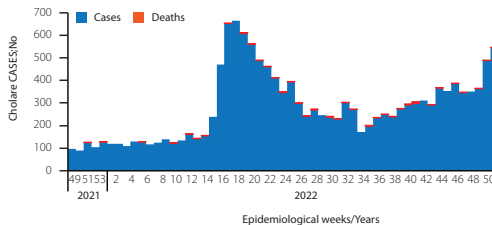


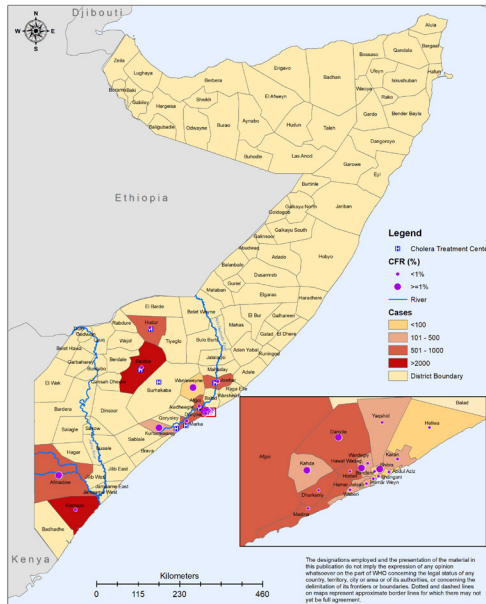
Highlights

- During week 50, 544 new suspected cases with four associated deaths were reported from 26 drought-affected districts of Somalia. This doubling of cases over the past two weeks is a result of a Cholera outbreak that was confirmed in Afmadow district bordering Kenya during week 47 (Table 1).
- Since epidemiological week 1 of 2022, a total of 14 824 suspected cases of cholera including 83 associated deaths (CFR 0.6%) were reported from 26 districts of Somalia
- Since epidemiological week 1, 2022 a cumulative attack rate (CAR) of 346 cases per 100 000 population was reported. Daynile (1987 per 100,000 cases), Kahda (1071 per 100 000 cases) and Dharkenley (1056 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 0.6% was reported from 26 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 and Dhobley (1.4%), Kahda (1.2%), Daynile (1.2%) and Kurtunwarey (1.1%)
- Of the 2011 stool samples collected and analyzed, 259 (13.4%) samples tested positive for *Vibrio cholerae* O1 serotype Ogawa, 7(0.4%) samples were tested positive for *Vibrio cholerae* O1 Inaba in Daynile and 1(0.06%) sample positive for *Vibrio cholerae* O1 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 1-50, 2022



Summary Statistics

New cases in Week 50 (12-18 December 2022)



544 new cases

502 (92.3%) are children below 5 years

487 (89.5%) are women

0 associated deaths

Cumulative cases Week 1-50 (3 January - 18 December 2022)



14 824 cumulative cases

9348 (63.1%) are children below 5 years

7333 (49.5%) are women

6290 (42.4%) are severe cases

83 cholera-associated deaths (CFR 0.6%)

64 (77.1%) 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 1-50 2022)

State/region	Number	District	Cases	Deaths	CFR (%)	Population	Attack Rate (per 100,000 population)
Banadir	1	Abdul Aziz	32	0	0.0	51 040	63
	2	Bondere	51	0	0.0	140 872	36
	3	Daynile	1500	19	1.3	75 499	1987
	4	Dharkenley	665	1	0.2	62 968	1056
	5	Hamar Jabjab	167	1	0.6	83 706	200
	6	Hamar Weyn	19	0	0.0	99 783	19
	7	Hawl Wadag	146	2	1.4	90 118	162
	8	Heliwa	64	0	0.0	100 038	64
	9	Hodan	755	4	0.5	164 941	458
	10	Kahda	337	4	1.2	31 455	1071
	11	Karan	115	0	0.0	283 781	41
	12	Madina	814	7	0.9	115 451	705
	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	Wardegly	127	0	0.0	123 536	103
	17	Yaqshid	174	0	0.0	296 031	59
SouthWest	18	Alfgoe	1117	6	0.5	228 291	489
	19	Baidoa	2565	0	0.0	385 120	666
	20	Kurtunwarey	277	3	1.1	110 661	250
	21	Merka	627	0	0.0	326 240	192
	22	Hudur	608	0	0.0	157 336	386
Hirshabelle	23	Walaweyn	15	1	8.3	263 176	5
	24	Jowhar	1210	4	0.3	368 661	328
	25	Kismayo	2616	21	0.8	281 817	928
	26	Afmadow	649	9	1.4	86 800	748
Total			14 824	83	0.6	4 284 395	346

Table 1: suspected cholera cases, deaths and case fatality rates reported in week 49-50 and cumulative cases from week 1-50, 2022

District/Region	Outbreak start date	Week 49*			Week 50			Cumulative number from week 1-50		
		Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)	Cases	Deaths	CFR (%)
Benadir	October, 2017	24	0	0.0	36	1	2.8	5140	39	0.8
Baidoa	January, 2021	15	0	0.0	17	0	0.0	2565	0	0.0
Marka	March, 2021	12	0	0.0	8	0	0.0	627	0	0.0
Alfgoe	October, 2022	27	0	0.0	31	0	0.0	1117	6	0.5
Kurtunwarey	June, 2022	8	0	0.0	7	0	0.0	277	3	1.1
Jowhar	April, 2022	9	0	0.0	9	0	0.0	1210	4	0.3
Hudur	May, 2022	29	0	0.0	27	0	0.0	608	0	0.0
Wanlaweyn	January, 2022	0	0	0.0	0	0	0.0	15	1	8.3
Kismayo	Sept, 2022	141	0	0.0	133	0	0.0	2616	21	0.8
Total		226	4	1.8	276	3	1.1	649	9	1.4

1 A new cholera outbreak was confirmed in Afmadow district in week 47