

WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 44 (30 October-5 November 2023)

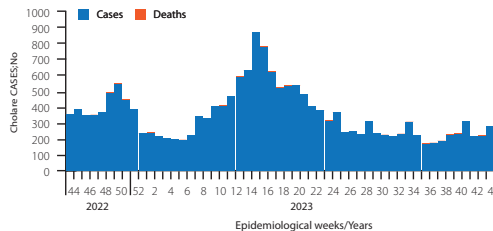
Highlights

- Somalia has had uninterrupted cholera transmission in 29 drought-affected districts since 2022 and in Banadir region since the drought of 2017.
- During week 44, 279, new suspected cases with one associated death were reported from 29 drought-affected districts. The number of new cases decreased by 28% in all districts and by seven-fold in Baidoa in the past two weeks (Table 1).
- Since epidemiological week 1 of 2023, a total of 14905 suspected cases of cholera including 40 associated deaths (CFR 0.3%) were reported from 29 districts of Somalia.
- The overall case fatality rate (CFR) of 0.3% reported from 29 drought-affected districts is below the emergency threshold of ≥1%. However, the CFR in Burhakaba is 1%.
- Since epidemiological week 1, 2023 a cumulative attack rate (CAR) of 333 cases per 100 000 population was reported. Belethawa (3233 cases per 100,000), Afmadow (1036 cases per 100,000) Dolow (1437 cases per 100,000) and Daynile (987 cases per 100,000) have reported the highest CAR amongst all the affected districts (Table 2).
- Of the 2460 stool samples collected since epidemiological week 1 2023, 698 (28.4%) samples tested positive by Rapid Diagnostic Kit (RDT) while 230 (9.3%) 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 preparedness and response activities for flash floods resulting from the El Nino season.

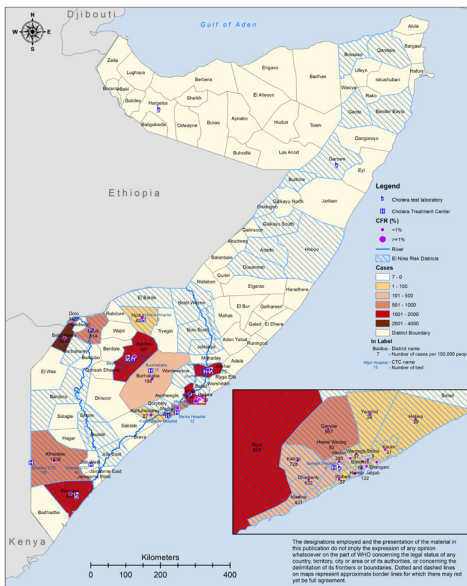
Table 1: suspected cholera cases, deaths and case fatality rate reported in week 1- 40 and cumulative cases from week 1- 44,2023

| District/Region | Outbreak start date | Week 43 | | | Week 44 | | | Cumulative (wk1- 44) 2023 | | |
|------------------------|---------------------|------------|----------|------------|------------|----------|------------|---------------------------|-----------|------------|
| | | Cases | Deaths | CFR (%) | Cases | Deaths | CFR (%) | Cases | Deaths | CFR (%) |
| Banadir | October, 2017 | 50 | 0 | 0.0 | 48 | 0 | 0.0 | 2899 | 0 | 0.0 |
| Aigoye | October, 2022 | 36 | 1 | 2.8 | 33 | 1 | 3.0 | 1484 | 8 | 0.5 |
| Baidoa | January, 2022 | 9 | 0 | 0.0 | 61 | 0 | 0.0 | 1182 | 3 | 0.3 |
| Burhakaba ¹ | August, 23 | 13 | 0 | 0.0 | 26 | 0 | 0.0 | 421 | 4 | 1.0 |
| Kurtumwarye | June, 2022 | 0 | 0 | 0.0 | 0 | 0 | 0.0 | 30 | 0 | 0.0 |
| Merka | March, 2022 | 27 | 0 | 0.0 | 18 | 0 | 0.0 | 669 | 2 | 0.3 |
| Hudur | May, 2022 | 0 | 0 | 0.0 | 0 | 0 | 0.0 | 66 | 0 | 0.0 |
| Jowhar | April, 2022 | 25 | 0 | 0.0 | 27 | 0 | 0.0 | 1012 | 0 | 0.0 |
| Kismayo | September, 2022 | 26 | 0 | 0.0 | 30 | 0 | 0.0 | 1889 | 2 | 0.1 |
| Afmadow | December, 2022 | 0 | 0 | 0.0 | 0 | 0 | 0.0 | 899 | 7 | 0.8 |
| Belethawo | February, 2023 | 33 | 0 | 0.0 | 36 | 0 | 0.0 | 3061 | 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 | | 219 | 1 | 0.0 | 279 | 1 | 0.4 | 14 905 | 40 | 0.3 |

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 1-44 2023



Summary Statistics

New cases in Week 44 (30 October-5 November 2023)

279 new cases
145 (51.9%) are children below 5 years
137 (49.1%) are female

Cumulative cases Week 1-44 (2 Jan to 5 November 2023)

14 905 cumulative cases
8028 (53.9%) are children below 5 years
7728 (51.8%) are female
7040 (47.2%) are severe cases
40 cholera-associated deaths (**CFR 0.3%**)
26 (65.0%) deaths are children under 5 years

Table 2: Reported cholera cases, deaths, Case Fatality Rates (CFR) and Cumulative attack rates by districts (week 1- 44) (2 January to 5 November 2023)

| State/region | Number | District | Cases | Deaths | CFR (%) | Population | Attack Rate (per 100 000 population) |
|--------------|--------------|--------------|-------|---------------|-----------|------------|--------------------------------------|
| Banadir | 1 | Abdul Aziz | 7 | 0 | 0.0 | 51,040 | 14 |
| | 2 | Bondere | 22 | 0 | 0.0 | 140,872 | 16 |
| | 3 | Danyiile | 745 | 0 | 0.0 | 75,499 | 987 |
| | 4 | Dharkenly | 398 | 0 | 0.0 | 62,968 | 632 |
| | 5 | Hamar Jabjab | 102 | 0 | 0.0 | 83,706 | 122 |
| | 6 | Hamar Weyn | 11 | 0 | 0.0 | 99,783 | 11 |
| | 7 | Hawl Wadag | 74 | 0 | 0.0 | 90,118 | 82 |
| | 8 | Heliwa | 39 | 0 | 0.0 | 100,038 | 39 |
| | 9 | Hodan | 462 | 0 | 0.0 | 164,941 | 280 |
| | 10 | Kahda | 229 | 0 | 0.0 | 31,455 | 728 |
| | 11 | Karan | 8 | 0 | 0.0 | 283,781 | 31 |
| | 12 | Shangani | 7 | 0 | 0.0 | 56,143 | 12 |
| | 13 | Shibis | 17 | 0 | 0.0 | 183,743 | 5 |
| SouthWest | 14 | Waberfi | 60 | 0 | 0.0 | 117,189 | 57 |
| | 15 | Wadajir | 498 | 0 | 0.0 | 115,451 | 431 |
| | 16 | Wadagley | 70 | 0 | 0.0 | 123,536 | 57 |
| | 17 | Yaqshid | 70 | 0 | 0.0 | 296,031 | 24 |
| | 18 | Afgoye | 1484 | 8 | 0.5 | 228,291 | 650 |
| | 19 | Baidoa | 1182 | 3 | 0.3 | 385,120 | 307 |
| | 20 | Kurtumwarye | 30 | 0 | 0.0 | 110,667 | 27 |
| | 21 | Hudur | 66 | 0 | 0.0 | 117,336 | 42 |
| | 22 | Merka | 669 | 2 | 0.3 | 326,240 | 205 |
| | 23 | Burhakaba | 421 | 4 | 1.0 | 212,404 | 198 |
| Hirshabelle | 24 | Jowhar | 1012 | 0 | 0.0 | 368,661 | 275 |
| | 25 | Kismayo | 1889 | 2 | 0.1 | 281,817 | 670 |
| | 26 | Afmadow | 899 | 7 | 0.8 | 86,800 | 1036 |
| | 27 | Belethawo | 3061 | 10 | 0.3 | 94,672 | 3233 |
| | 28 | Luq | 650 | 2 | 0.3 | 105,921 | 614 |
| | 29 | Dolow | 643 | 2 | 0.3 | 44,757 | 1437 |
| | Total | | | 14,905 | 40 | 0.3 | 4,478,973 |