

WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

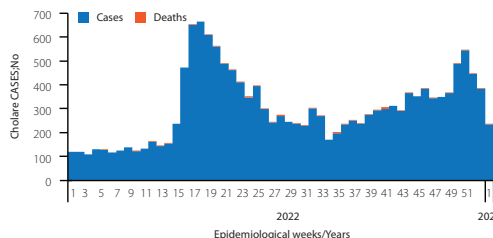
Epidemiological Week 1(2-8 January 2023)



Highlights

- Somalia has had uninterrupted cholera transmission in 20 drought affected districts since 2022 and in Banadir region since drought period of 2017.
- During week 1, 234 new suspected cases with one associated death were reported from 20 drought-affected districts of Somalia.
- The number of new cholera cases reported decreased from 385 in week 52 of 2022 to 234 in week 1 of 2023 which represents a 39% reduction (Table 1).
- The reduction in the number of new cases reported during the past two weeks is linked to implementation of cholera response interventions in most affected districts
- During epidemiological week 1, 2023 a cumulative attack rate (CAR) of 7 cases per 100 000 population was reported. Afmadow (46 per 100,000), Daynile (28 per 100,000 cases), Kismayo (21 per 100,000) and Dharkenley (19 per 100 000 cases) districts have reported the highest CAR amongst all the affected districts (Table 2).
- Of the 70 stool samples collected and analyzed during the week, one (12.7%) stool sample from Afgoye district tested positive for *Vibrio cholerae* 01 serotype Ogawa.
- In 2022, a total of 15 635 cases including 87 deaths (CFR 0.6%) were reported from 26 drought affected districts. Of the 1563 cases, 9778 (62.5%) cases were children below 5 years while 7757 (49.6%) are female and 6871 (43.9%) were severe cases

Figure 1. Epidemiological curve of cholera cases in Somalia 2022-2023



Summary Statistics

New cases in Week 1 (2-8 January 2023)



- 234** new cases
- 131 (56.0%)** are children below 5 years
- 113 (48.3%)** are women
- 1** associated deaths during week 1
- 16 (49.6%)** were severely dehydrated

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

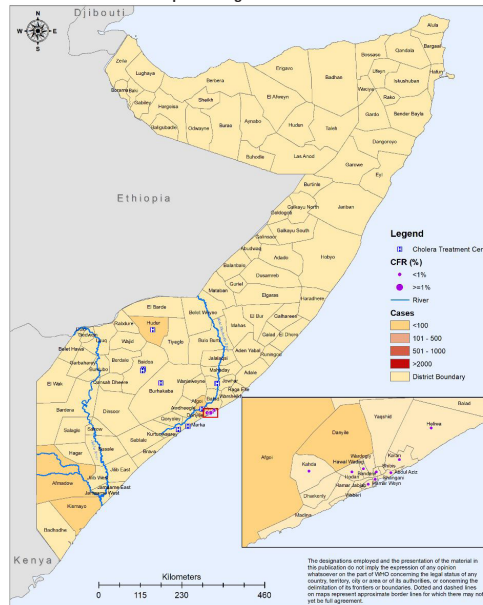


Table 2: reported cholera cases, deaths, case-fatality rate (CFR) and cumulative attack rate (CAR) by districts (epidemiological week 1-2023)

| State/region | Number | District | Cases | Deaths | CFR (%) | Population | Attack Rate (per 100,000 population) |
|--------------|--------|--------------|------------|----------|------------|-----------------|--------------------------------------|
| Banadir | 1 | Bondere | 1 | 0 | 0.0 | 140 872 | 1 |
| | 2 | Danyile | 21 | 0 | 0.0 | 75 499 | 28 |
| | 3 | Dharkenley | 12 | 0 | 0.0 | 62 968 | 19 |
| | 4 | Hamar Jabjab | 1 | 0 | 0.0 | 83 706 | 1 |
| | 5 | Hawl Wadag | 1 | 0 | 0.0 | 90 118 | 1 |
| | 6 | Heliwa | 1 | 0 | 0.0 | 100 038 | 1 |
| | 7 | Hodan | 9 | 0 | 0.0 | 164 941 | 5 |
| | 8 | Kahda | 2 | 0 | 0.0 | 31 455 | 6 |
| | 9 | Karana | 1 | 0 | 0.0 | 283 781 | 0 |
| | 10 | Madana | 8 | 1 | 12.5 | 115 451 | 7 |
| | 11 | Waberi | 1 | 0 | 0.0 | 117 189 | 1 |
| | 12 | Wardegly | 2 | 0 | 0.0 | 123 536 | 2 |
| SouthWest | 13 | Afgoye | 21 | 0 | 0.0 | 228 291 | 9 |
| | 14 | Baidoa | 13 | 0 | 0.0 | 385 120 | 3 |
| | 15 | Kurtunwarey | 8 | 0 | 0.0 | 110 661 | 7 |
| | 16 | Marka | 7 | 0 | 0.0 | 326 240 | 2 |
| | 17 | Hudur | 18 | 0 | 0.0 | 157 336 | 11 |
| Hirshabelle | 18 | Jowhar | 7 | 0 | 0.0 | 368 661 | 2 |
| Jubaland | 19 | Kismayo | 60 | 0 | 0.0 | 281 817 | 21 |
| | 20 | Afmadow | 40 | 0 | 0.0 | 86 800 | 46 |
| Total | | | 234 | 1 | 0.4 | 3 33 480 | 7 |

Table 1. Distribution of cholera cases in districts in week 52-2022 compared to week 1-2023

| District/Region | Outbreak start date | week 52-2022 | | | week 1-2023 | | |
|-----------------|---------------------|--------------|----------|------------|-------------|----------|------------|
| | | Cases | Deaths | CFR (%) | Cases | Deaths | CFR (%) |
| Banadir | Oct, 2017 | 52 | 0 | 2 | 60 | 1 | 1.7 |
| Baidoa | Jan, 2021 | 15 | 0 | 0 | 13 | 0 | 0.0 |
| Marka | March, 2022 | 10 | 0 | 0 | 7 | 0 | 0.0 |
| Afgoye | Oct, 2022 | 25 | 0 | 0 | 21 | 0 | 0.0 |
| Kurtunwarey | June, 2022 | 8 | 0 | 0 | 8 | 0 | 0.0 |
| Jowhar | April, 2022 | 6 | 0 | 0 | 7 | 0 | 0.0 |
| Hudur | May, 2022 | 28 | 0 | 0 | 18 | 0 | 0.0 |
| Wanlaweyn | Jan, 2022 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Kismayo | Sept, 2022 | 140 | 1 | 1.8 | 60 | 0 | 0.0 |
| Afmadow | Dec, 2022 | 101 | 0 | 0.5 | 40 | 0 | 0.0 |
| Total | | 385 | 1 | 0.2 | 234 | 1 | 0.4 |