

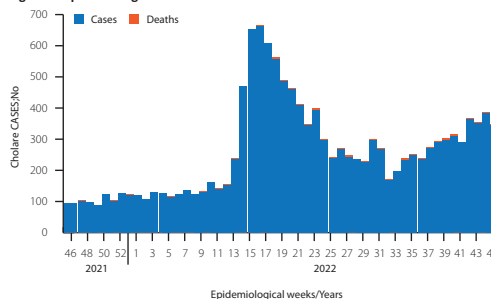
WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 46 (14 -20November 2022)

Highlights

- Uninterrupted cholera transmission has been reported in Banadir region of Somalia since October 2017
- During week 46, 345 new suspected cases with one associated death were reported from 25 drought-affected districts of Somalia. In Kismayo the number of cases decreased by 20% over the past two weeks (Table 1).
- Since epidemiological week 1 of 2022, a total of 13 079 suspected cases of cholera including 73 associated deaths (CFR 0.6%) were reported from 25 districts of Somalia
- Since epidemiological week 1, 2022 a cumulative attack rate (CAR) of 312 cases per 100 000 population was reported. Daynile (1944 per 100,000 cases), Kahda (1052 per 100 000 cases) and Dharkenley (1026 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 25 drought-affected districts. However, in 5 of these districts, the CFR exceeded the emergency threshold of $\geq 1\%$ for emergency settings. These districts include Wanlaweyne (8.3%), Shibus (3.8%), Kismayo (1.1%), Hawlwadag (1.4%) and Kurtunwarey (1.2%)
- Of the 1 734 stool samples collected and analyzed, 238 (13.7%) samples tested positive for *Vibrio cholerae* 01 serotype Ogawa, 7(0.4%) samples were tested positive for *Vibrio cholerae* 01 Inaba in Daynile and 1(0.06%) sample positive for *Vibrio cholerae* 01 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 1-46, 2022

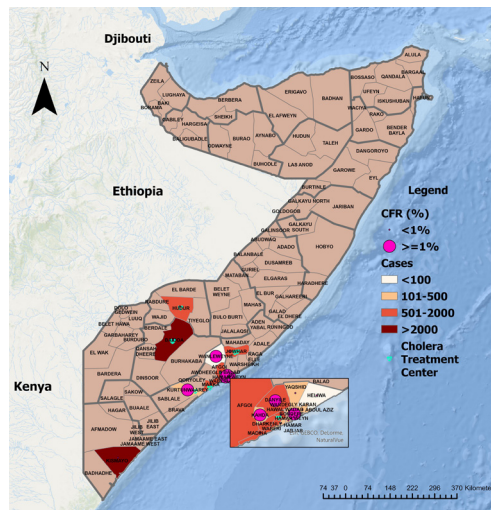


Table 1: suspected cholera cases, deaths and case fatality rates reported in week 45-46 and cumulative cases from week 1-46, 2022

| District/Region | Outbreak start date | Week 45 | | | Week 46 | | | Cumulative number from week 1-46 | | |
|-----------------|---------------------|------------|----------|------------|------------|----------|------------|----------------------------------|-----------|------------|
| | | Cases | Deaths | CFR (%) | Cases | Deaths | CFR (%) | Cases | Deaths | CFR (%) |
| Benadir | October, 2017 | 22 | 0 | 0.0 | 38 | 0 | 0.0 | 5026 | 38 | 0.8 |
| Baidoa | January, 2021 | 16 | 0 | 0.0 | 16 | 0 | 0.0 | 2490 | 0 | 0.0 |
| Marka | March, 2022 | 21 | 0 | 0.0 | 11 | 0 | 0.0 | 589 | 0 | 0.0 |
| Algoye | October, 2022 | 28 | 0 | 0.0 | 36 | 0 | 0.0 | 1009 | 6 | 0.6 |
| Kurtunwarey | June, 2022 | 6 | 0 | 0.0 | 6 | 0 | 0.0 | 252 | 3 | 1.2 |
| Jowhar | April, 2022 | 26 | 0 | 0.0 | 16 | 0 | 0.0 | 1141 | 4 | 0.4 |
| Hudur | May, 2022 | 20 | 0 | 0.0 | 24 | 0 | 0.0 | 517 | 0 | 0.0 |
| Wanlaweyn | January, 2022 | 0 | 0 | 0.0 | 0 | 0 | 0.0 | 15 | 1 | 8.3 |
| Kismayo | Sept, 2022 | 246 | 1 | 0.4 | 198 | 1 | 0.5 | 2040 | 21 | 1.0 |
| Total | | 385 | 1 | 0.3 | 345 | 1 | 0.3 | 13 079 | 73 | 0.6 |

Summary Statistics

New cases in Week 46 (14 -20 November 2022)

- 345** new cases
- 191 (55.4%)** are children below **5** years
- 180 (52.2%)** are women
- 0** associated deaths

Cumulative cases Week 1-46 (3 January-20 November 2022)

- 13 079** cumulative cases
- 8356 (63.9%)** are children below **5** years
- 6419 (49.0%)** are women
- 5095(38.9%)** are severe cases
- 73 cholera-associated deaths (CFR 0.6%)**
- 57 (78.0%)** 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- 46 2022)

| State/region | Number | District | Cases | Deaths | CFR (%) | Population | Attack Rate (per 100,000 population) |
|--------------|--------------|--------------|---------------|-----------|------------|------------------|--------------------------------------|
| Banadir | 1 | Abdul Aziz | 29 | 0 | 0.0 | 51,040 | 57 |
| | 2 | Bondere | 50 | 0 | 0.0 | 140,872 | 35 |
| | 3 | Danyile | 1468 | 18 | 1.2 | 75,499 | 1944 |
| | 4 | Dharkenley | 646 | 1 | 0.2 | 62,968 | 1026 |
| | 5 | Hamar Jabjab | 164 | 1 | 0.6 | 83,706 | 196 |
| | 6 | Hamar Weyn | 18 | 0 | 0.0 | 99,783 | 18 |
| | 7 | Hawl Wadag | 142 | 2 | 1.4 | 90,118 | 158 |
| | 8 | Helwaa | 64 | 0 | 0.0 | 100,038 | 64 |
| | 9 | Hodan | 743 | 4 | 0.5 | 164,941 | 450 |
| | 10 | Kahda | 331 | 4 | 1.2 | 31,455 | 1052 |
| | 11 | Karan | 114 | 0 | 0.0 | 283,781 | 40 |
| | 12 | Madina | 797 | 7 | 0.9 | 115,451 | 690 |
| | 13 | Shangani | 20 | 0 | 0.0 | 56,143 | 36 |
| | 14 | Shibus | 26 | 1 | 3.8 | 183,743 | 14 |
| 15 | Waberi | 125 | 0 | 0.0 | 117,189 | 107 | |
| 16 | Wardgey | 122 | 0 | 0.0 | 123,536 | 99 | |
| 17 | Yaqshid | 167 | 0 | 0.0 | 296,031 | 56 | |
| 18 | Algoye | 1009 | 6 | 0.6 | 228,291 | 442 | |
| 19 | Baidoa | 2490 | 0 | 0.0 | 385,120 | 647 | |
| SouthWest | 20 | Kurtunwarey | 252 | 3 | 1.2 | 110661 | 228 |
| | 21 | Mierka | 589 | 0 | 0.0 | 326240 | 181 |
| | 22 | Hudur | 517 | 0 | 0.0 | 157336 | 329 |
| | 23 | Walaweyn | 15 | 1 | 8.3 | 263176 | 5 |
| Hirshabelle | 24 | Jowhar | 1141 | 4 | 0.4 | 368661 | 309 |
| Jubaland | 25 | Kismayo | 2040 | 21 | 1.0 | 218117 | 724 |
| Total | 4,197 | | 13,079 | 73 | 0.6 | 4,197,595 | 312 |