

# WEEKLY CHOLERA/AWD SITUATION REPORT - SOMALIA

Epidemiological Week 17 (24-30 April 2023)

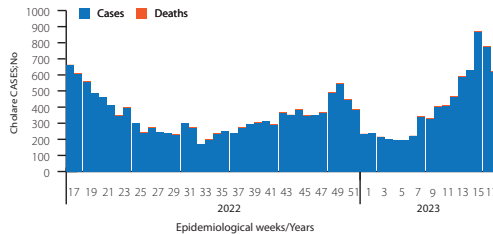
## Highlights

- Somalia has had uninterrupted cholera transmission in 28 drought-affected districts since 2022 and in Banadir region since the drought period of 2017.
- During week 17, 618 new suspected cases with two associated deaths were reported from 28 drought-affected districts. The number of cholera cases reported in all districts decreased by 20%. However, cases decreased by 45% in Beletwaha and a twofold reduction in Kismayo district in the past two weeks (Table 1).
- Since epidemiological week 1 of 2023, a total of 6923 suspected cases of cholera including 21 associated deaths (CFR 0.3%) were reported from 28 districts of Somalia.
- The overall case fatality rate (CFR) of 0.3% reported from 28 drought-affected districts is below the emergency threshold of  $\geq 1\%$ . However, the CFR of 1.3% was reported in Luuq district in week 17.
- Since epidemiological week 1, 2023 a cumulative attack rate (CAR) of 162 cases per 100 000 population was reported. Beletwaha (1963 cases per 100,000), Afmadow (983 cases per 100,000), Daynile (357 cases per 100,000), and Kismayo (372 cases per 100,000) have reported the highest CAR amongst all the affected districts (Table 2).
- Of the 827 stool samples collected since epidemiological week 1 2023, 22 (2.7%) stool sample were tested positive for *Vibrio cholerae* O1 serotype Ogawa.
- WHO and health partners have scaled up implementation of cholera response interventions in drought affected districts focussing on Jubaland state which is the current epicentre of the current outbreak.

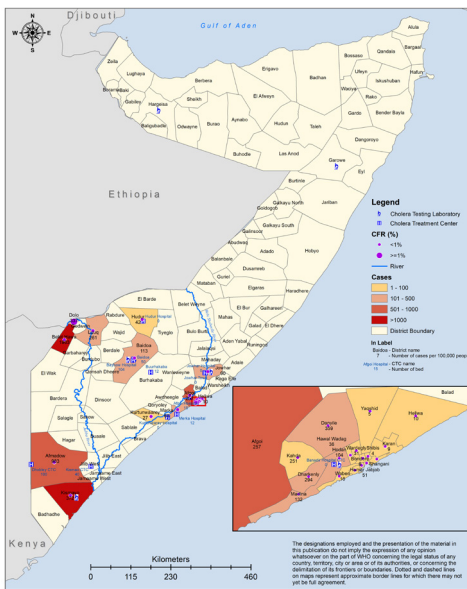
Table 1: suspected cholera cases, deaths and case fatality rate reported in week 16-17 and cumulative cases from week 1-17,2023

| District/Region | Outbreak start date | Week 16    |          |            | Week 17    |          |            | Cumulative (wk1-16) 2023 |           |            |
|-----------------|---------------------|------------|----------|------------|------------|----------|------------|--------------------------|-----------|------------|
|                 |                     | Cases      | Deaths   | CFR (%)    | Cases      | Deaths   | CFR (%)    | Cases                    | Deaths    | CFR (%)    |
| Banadir         | October, 2017       | 77         | 0        | 0.0        | 101        | 0        | 0.0        | 1078                     | 0         | 0.0        |
| Afgoye          | October, 2022       | 34         | 0        | 0.0        | 57         | 0        | 0.0        | 587                      | 0         | 0.2        |
| Baidoa          | January, 2022       | 47         | 0        | 0.0        | 39         | 0        | 0.0        | 437                      | 0         | 0.0        |
| Kurtunwarye     | June, 2022          | 0          | 0        | 0.0        | 0          | 0        | 0.0        | 30                       | 0         | 0.0        |
| Merka           | March, 2022         | 13         | 0        | 0.0        | 13         | 0        | 0.0        | 206                      | 0         | 0.0        |
| Hudur           | May, 2022           | 0          | 0        | 0.0        | 0          | 0        | 0.0        | 66                       | 0         | 0.0        |
| Jowhar          | April, 2022         | 28         | 0        | 0.0        | 27         | 0        | 0.0        | 333                      | 0         | 0.0        |
| Kismayo         | September, 2022     | 102        | 0        | 0.0        | 58         | 0        | 0.0        | 1048                     | 2         | 0.2        |
| Afmadow         | December, 2022      | 36         | 0        | 0.0        | 34         | 0        | 0.0        | 853                      | 7         | 0.8        |
| Beletwaha       | February, 2023      | 285        | 1        | 0.4        | 158        | 1        | 0.6        | 1858                     | 8         | 0.4        |
| Luuq            | April, 2023         | 90         | 0        | 0.0        | 79         | 1        | 1.3        | 276                      | 1         | 0.4        |
| Dolow           | April, 2023         | 64         | 1        | 1.6        | 52         | 0        | 0.0        | 151                      | 2         | 1.3        |
| <b>Total</b>    |                     | <b>776</b> | <b>2</b> | <b>0.3</b> | <b>618</b> | <b>2</b> | <b>0.3</b> | <b>6923</b>              | <b>21</b> | <b>0.3</b> |

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 1-17 2023



## Summary Statistics

New cases in Week 17 (24-30 April 2023)

- 618 new cases
- 339 (54.8%) are children below 5 years
- 347 (56.1%) are female
- 2 associated deaths

Cumulative cases Week 1-17 (2 January to 30 April 2023)

- 6923 cumulative cases
- 3805 (54.9%) are children below 5 years
- 3586 (51.8%) are female
- 2380 (34.4%) are severe cases
- 21 cholera-associated deaths (CFR 0.3%)
- 16 (76.2%) deaths are children under 5 years

Table 2: reported cholera cases, deaths, case-fatality rate (CFR) and cumulative attack rate (CAR) by districts (epidemiological week 1-17;2023 (2 January-30 April 2023))

| State/region | Number       | District     | Cases   | Deaths       | CFR (%)   | Population | Attack Rate (per 100 000 population) |
|--------------|--------------|--------------|---------|--------------|-----------|------------|--------------------------------------|
| Banadir      | 1            | Abdul Aziz   | 4       | 0            | 0.0       | 51 040     | 8                                    |
|              | 2            | Bondere      | 13      | 0            | 0.0       | 140 872    | 9                                    |
|              | 3            | Danyile      | 271     | 0            | 0.0       | 75 499     | 359                                  |
|              | 4            | Dharkenly    | 185     | 0            | 0.0       | 62 968     | 294                                  |
|              | 5            | Hamar Jabjab | 43      | 0            | 0.0       | 83 706     | 51                                   |
|              | 6            | Hamar Weyn   | 6       | 0            | 0.0       | 99 783     | 6                                    |
|              | 7            | Hawl Wadag   | 32      | 0            | 0.0       | 90 118     | 36                                   |
|              | 8            | Heliwa       | 10      | 0            | 0.0       | 100 038    | 10                                   |
|              | 9            | Hodan        | 172     | 0            | 0.0       | 164 941    | 104                                  |
|              | 10           | KaDha        | 79      | 0            | 0.0       | 31 455     | 251                                  |
|              | 11           | Karan        | 26      | 0            | 0.0       | 283 781    | 9                                    |
|              | 12           | Shangani     | 5       | 0            | 0.0       | 56 143     | 9                                    |
|              | 13           | Shibis       | 7       | 0            | 0.0       | 183 743    | 4                                    |
|              | 14           | Waberi       | 19      | 0            | 0.0       | 117 189    | 16                                   |
|              | SouthWest    | 15           | Wadajir | 152          | 0         | 0.0        | 115 451                              |
| 16           |              | Wardeglej    | 38      | 0            | 0.0       | 123 536    | 31                                   |
| 17           |              | Yaqshid      | 16      | 0            | 0.0       | 296 031    | 5                                    |
| 18           |              | Afgoye       | 587     | 1            | 0.2       | 228 291    | 257                                  |
| 19           |              | Baidoa       | 437     | 0            | 0.0       | 385 120    | 113                                  |
| 20           |              | Kurtunwarye  | 30      | 0            | 0.0       | 110 661    | 27                                   |
| 21           |              | Hudur        | 66      | 0            | 0.0       | 157 336    | 42                                   |
| 22           |              | Merka        | 206     | 0            | 0.0       | 326 240    | 63                                   |
| 23           |              | Jowhar       | 333     | 0            | 0.0       | 368 661    | 90                                   |
| Hirshabelle  |              | 24           | Kismayo | 1048         | 2         | 0.2        | 281 817                              |
|              | 25           | Afmadow      | 853     | 7            | 0.8       | 86 800     | 983                                  |
|              | 26           | Beletwaha    | 1858    | 8            | 0.4       | 94 672     | 1963                                 |
|              | 27           | Luuq         | 276     | 1            | 0.4       | 105 921    | 261                                  |
|              | 28           | Dolow        | 151     | 2            | 1.3       | 44 757     | 337                                  |
|              | <b>Total</b> |              |         | <b>6 923</b> | <b>21</b> | <b>0.3</b> | <b>4 266 569</b>                     |