

14 February 2021 – The Ministry of Health of Somalia has announced 82 new suspected cases of cholera, with one reported death, for epidemiological week 4 (18 to 24 January 2021). In Week 4, all cases were reported from 17 flood-affected districts of Banadir region and Baidoa district Bay region, while no cholera cases were reported from other regions. The cumulative total number of suspected cholera cases in 2021 is 302, including 2 associated deaths (case fatality ratio of 0.5%). Of the 302 cases reported since week 1, 123 are aged  $\leq 2$  years (41%). Of the 2 deaths registered, 1 is aged  $\leq 2$  years (50%).

The current cholera outbreak started in December 2017 following floods that affected districts in the basins of Jubba and Shabelle rivers. It was contained in five of the six regions while active transmission has continued to be reported from Banadir. Flash floods caused by heavy Gu rains in April 2020 led to the contamination of water sources that led to an increase in the number of cholera cases. In 2021, a cumulative attack rate of 13 persons per 100 000 populations was reported. The highest attack rate was reporting from Danyile (73 per 100 000 population), Madina (27 per 100 000 population) and Dharkenly districts (26 per 100 000 population). The majority of deaths have been reported from Banadir and Hamar jabjab. The overall CFR was 0.7%.

Of the 89 stool samples tested since January 2021, a total of 35 samples came out positive for *Vibrio cholerae* (39%). Serotype V. Cholerae Ogawa was isolated from stool samples collected from Banadir. This strain is sensitive to tetracycline, chloramphenicol and ciprofloxacin.

The overall reduction in the number of new cholera cases as compared to the numbers at the beginning of the outbreak is attributed to improved implementation of preventive interventions including oral cholera vaccination (OCV) campaigns and the strengthening of water, sanitation and hygiene (WaSH) activities in hot spots. However, the current floods and cholera outbreak occurred at a time when COVID-19 cases are increasing in all regions of Somalia, stretching the already limited capacity to respond to the cholera alerts.

WHO continues to provide leadership and support to health authorities and partners in implementing activities that can mitigate the outbreak. Disease surveillance is being managed with the support of WHO through an electronic system known as the Early Warning Alert and Response Network (EWARN) and is currently being expanded to all health facilities across the country. WHO and the Ministry of Health continue to monitor outbreak trends through EWARN and promptly investigate and respond to all alerts.

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