



South Sudan: Cholera Outbreak Situation Report

Situation report: No. 010

Date of onset of outbreak: 22 February 2023

Reporting date: 17 March 2023

Data Source: State Ministry of Health and National Public Health Laboratory



Cholera response | Cumulative figures from 22 February to 17 March 2023

336

Cases

1

Death

0.3%

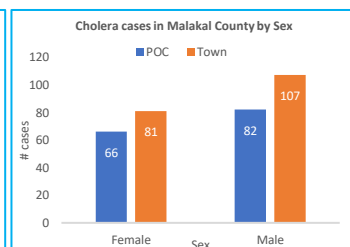
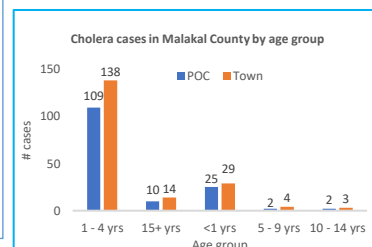
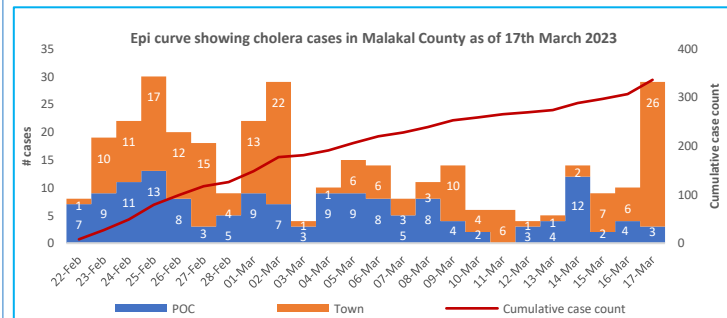
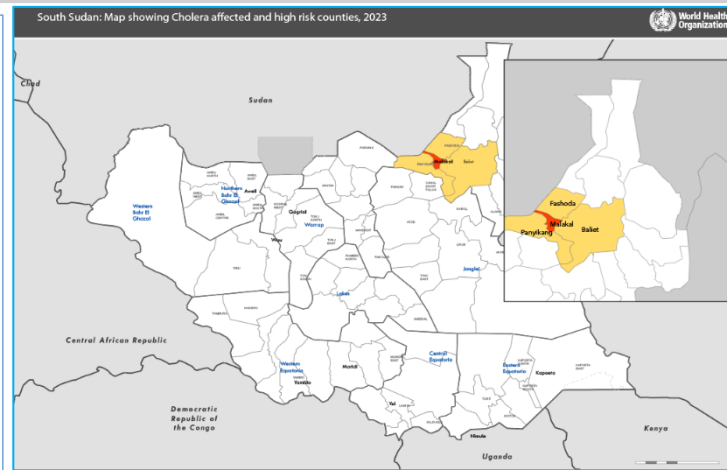
CFR

Not graded

Grade

Key Weekly Highlights as of 17 March 2023

- Twenty-nine (29) new Cholera cases have been recorded in the past 24 hours. This is the highest number of cases recorded in a single day since the beginning of the outbreak.
- Zero new death has been recorded in the past 24 hours.
- Cumulatively, a total of 336 cholera cases and 1 death (CFR-0.3%) has been recorded since the onset of the outbreak.
- Overall, 189(56%) of the cases are males and 147(44%) are females.
- Children of age 1 – 4 years old are the most affected accounting for 74% (247) of the total cases reported.
- Majority of 1–4 years cases were reported from Malakal town 56% (138) and in Malakal protection site POC 44% (109) cases.
- Oral Cholera vaccination campaign commenced on 16 March 2023 targeting 53,000 individuals aged 1 year and above in the POC and Malakal town.
- Cumulatively, 9,514 people have been vaccinated (Malakal town and POC) with OCV during the first two days of the campaign achieving 14.4% coverage.
- The current cholera outbreak is localized in Malakal Upper Nile State on the side boarding Sudan.



Key Interventions

Coordination

- National and State Cholera Taskforces continue to meet regularly to provide operational and strategic guidance to the ongoing response.
- A multisectoral National and State RRT continue to provide epidemiological investigation and technical support to the response interventions in Malakal County.
- A joint supportive supervision by MOH and WHO was conducted to the CTUs/CTCs and OCV Sites.

Surveillance

- WHO and partners continue to update and support data verification, harmonization, and analysis across response pillars.
- A joint active case search is being conducted by both the National and State RRT teams at health facility and community levels in Malakal County.
- Surveillance heightened in at-risk locations bordering Malakal in Upper Nile State
- WHO is supporting the orientation of the State Ministry of Health (SMOH)-Monitoring and Evaluation (M&E) team, and the MSF-Spain team on the electronic data collection tool or platform (eEWARS) to populate the cholera line list.

Case management

- A total of 8 new cases are in isolation in Malakal CTU.
- MSF is supporting case management at the CTU in Malakal town and POC
- The national MOH and WHO Country Office have planned a technical team visit to Malakal to support the response on 20th March 2023.
- Rehabilitation of the COVID-19 isolation center (Malakal POC) and CTC in Malakal hospital is ongoing.
- The state ministry of health with support IMC continues to conduct triage in health facilities for cholera and referral to Malakal Teaching hospital.
- The SMOH with support from WHO and partners continues to set up handwashing facilities at established ORP sites in the affected areas.
- MOH and WHO have scheduled a five-day training on cholera case management starting on 22nd March 2023.
- Repositioning of standardized Case Management charts to all IPs supporting CTUs (Case Definition to be displayed at HFs, ORPs and CTUs)



Infection Prevention & Control/WASH

- Cleaning of water storage tanks in six (6) schools: Salam 1 [Sector 1 Block A], Salam 2 [Sector 2 Block R], INTERSOS school and War Child school [Sector 2 East Block S], War Child school and INTERSOS school [Sector 4 Block D].
- Decommissioning of six (6) latrines completed in Sector 1 Block H, E and F (6 completed and 24 pending)
- 24 handwashing stations installed next to latrine facilities in Sector 1
- Four additional water storage tanks replaced in Sector 1 Bloc F and D, Sector 2 Block M and T (increasing water capacity from 15,000 liters to 20,000 liters each)
- Ongoing Distribution of WASH NFIs as part of Cholera Response items supported by WC-CP to 05 IDPs Sites targeting 1,972 HH (8,967 Individuals).
- Hand washing facilities with soaps were distributed to government institutions (36), Malakal town (16), points of entry (4) and IDPS sites.
- The results of the water quality bacteriological test conducted in the humanitarian hub shows 54% contamination and 46% not contaminated out of 28 samples collected during the week.
- Cleaning of 23 water storage tanks completed in Malakal POC

Risk Communication & Community Engagement (RCCE)

- Radio talk shows and jingles spots are ongoing.
- UNICEF is working closely with WHO and partners to support the distribution of 107 IEC materials in Malakal town and POC.
- Additional IEC materials have been received from Juba and the distribution commenced in Malakal town and Malakal PoC, targeting mostly the strategic locations with high populations like the market, schools, and other public places
- Mass joint mobilization is planned to commence on or before the OCV kicks off
- Distribution of 35 megaphones (25 in Malakal town 10 megaphones in POC) to facilitate health promoters to accelerate cholera awareness and preventive messages.
- Cholera awareness was conducted in 2 primary schools (Comboni Malakal, St. Andrew) and Assosa market.
- Ongoing daily Hygiene promotion activities on key cholera messages (causes, symptoms, and prevention measures), and airing of pre-recorded cholera preventive measures (Nile FM Radio).

Laboratory

- MOH and WHO are providing orientation to partners on sample collection, filling of cholera investigation forms, and testing using RDT.
- Four new (4) suspected Cholera samples were collected with 2 testing positive on RDT and 1 positive by PCR in NPHL in Juba.



- 8 additional samples were sent from Malakal and received by the NPHL on Friday, 17th March 2023. The samples are currently undergoing the process of culture at the NPHL.
- 2 lab technicians (1 NPHL and 1 WHO) have been deployed to support sample collection and management.
- Ongoing support to the laboratory capacity of partners (MSF, IOM and IMC) to conduct RDT for cholera cases.

Oral Cholera Vaccination (OCV)

- The campaign was officially launched on 16th March 2023
- 9,514 people were vaccinated in both Malakal town and POC in the first two days of the campaign achieving 14.4% coverage
- WHO submitted a new request of 200,000 doses of OCV to the International Coordination Group (ICG) for additional oral cholera vaccines.



Logistics and supplies

- WHO is conducting quantification of additional supplies required for the response.
- WHO has hired 2 additional vehicles to support response activities in Malakal.
- WHO is dispatching 1 x 48sqm and 1 x 24sqm Medical tents to Malakal to support the ongoing Cholera response.

Challenges

- Inadequate access to safe and clean water due to limited WASH supplies.
- Sub-optimal risk communication and community engagement in affected high-risk locations on cholera prevention and control measures.
- Inadequate RDT testing of suspected cholera cases at the subnational level, most especially, in health facilities and treatment centers.
- Inadequate number and poor quality of samples transported to the NPHL for further laboratory investigation.
- Inadequate funding for partners to respond.
- Lack of designated ambulance for the referral of cholera cases and designated vehicle for the safe dignified burial (SDB) team.
- Identification and training of the SDB team.
- Overcrowding in the POC due to the continued influx of IDPs poses a major challenge to the limited WASH facilities in the POC.
- Need for additional cholera kits and investigation kits.

- Case management charts are in English making it difficult for healthcare workers who only understand Arabic

Way forward

- Translation of case management charts into Arabic language to facilitate easy understanding by healthcare workers.
- Provision of clean and safe water.
- Enhance cholera RDT testing of suspected cholera cases at health facilities and treatment centers.
- Improve overall sample management at subnational level.
- Accelerate the RCCE interventions at POC and Malakal town.
- Finalize the cholera response plan and budget for resource mobilization.
- Designate an ambulance to support the referral of cholera cases
- Conduct training for the SDB team.
- Quantify and ship additional cholera kits and investigation kits to Malakal County.
- Print and distribute IEC materials
- Fixing of 02 Bladder tank-10M³- to increase water productivity in the Daniel Comboni 1& 2 IDPs Camp with installation and construction Tap-stand platform concrete with 12taps.
- Mobile sanitation activity in Malakal IDPs camps and at host community’s households’ level to maintain clean environment (digging trenches, construction of dumping Pits for waste management.
- Meeting with Block leaders to discuss on their engagement in the response (PoC)
- Decommission of non-functional latrines in the PoC
- Coordination with MSF on WASH NFI distribution targeting the affected cases after discharge.

PILLAR	PARTNER SUPPORTING
Coordination	WHO/OCHA
Surveillance	WHO, MSF, IMC & IOM
Case Management	MSF, IMC, IOM, WHO
Water, sanitation, and hygiene (WASH)	IOM, ICRC, WVI, UNICEF
Infection prevention & control and Safe and dignified burial	WHO, MSF, DRC, IOM, SSRC
Risk communication and Community Engagement (RCCE)	UNICEF, IOM/CCCM, SSRC, DRC
Port of Entry (PoE)	IOM/DTM



Oral cholera vaccine (OCV)	WHO, IMC, MSF- Spain, UNICEF, IOM
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