Overall coordination of the cholera response at the national level is coordinated by the National cholera taskforce to review outbreak trends and progress of implementation activities. Sub-national cholera taskforce committees are coordinating the cholera response in locations with active transmission including Yirol East and Yirol West, Bor, Duk, Tonj East, Kapoeta South, Kapoeta North, and Kapoeta East. At the National level, the cholera working groups are being activated to improve response coordination and support to field operations in affected and at-risk areas.

**Surveillance and case management updates**

- Cholera is now confirmed in Tonj East after three of six samples tested positive for Vibrio cholerae inaba following testing at the National Public Health Laboratory.
- A verification mission into the suspect cholera cases in Rumbek north suggests that cholera was a less likely cause as the presentation suggested food poisoning as a possible cause for the cluster. Samples have not been obtained for testing and surveillance is ongoing.
- Cholera case investigation and sample collection kits continue to be deployed by WHO to support the investigation and response activities in newly affected areas and locations with active cholera transmission.
- Cholera case management kits have been deployed by WHO and Unicef to support the response in Ayod, Tonj East, Kapoeta South, Kapoeta North, and Kapoeta East.
- A major emerging need is the need to improve the quality of care and adherence to cholera case management protocols in all the available cholera treatment facilities but especially in Kapoeta North and Tonj East. Cholera beds and food for cholera patients are needed in the two locations. This will reduce nosocomial infections and improve treatment compliance.

**Oral cholera vaccination**

As part of the ongoing cholera response, cholera vaccines have been deployed in Leer, Bor PoC, Malakal Town, Bentiu PoC, Mingkaman IDP settlement, and Aburoc IDPs. All these sites are not reporting cholera cases with the exception of Aburoc where cases have started to decline. In 2017, a total of 331,894 doses of the vaccine have been deployed targeting individuals aged one year and above. WHO has secured a total of 544,140 doses of oral cholera vaccines in 2017 and the current balance in the National Vaccine store stands at 78,684 doses. Schedule has been drawn for the next round of OCV vaccinations and the process is on to identify partners and other mechanisms of deployment along with the respective vaccination micro-plans.
Doses of oral cholera vaccines deployed in 2017 by site

<table>
<thead>
<tr>
<th>No</th>
<th>Site</th>
<th>No. vaccinated</th>
<th>Dates</th>
<th>Partners</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Leer</td>
<td>30,772</td>
<td>22/02/2017</td>
<td>MedAir, WHO, UNICEF</td>
</tr>
<tr>
<td>3</td>
<td>Bor PoC</td>
<td>1,926</td>
<td>3-4Apr2017</td>
<td>HLSS, WHO, UNICEF</td>
</tr>
<tr>
<td>8</td>
<td>Bor PoC 2nd round</td>
<td>1,885</td>
<td>26-29Apr2017</td>
<td>HLSS, WHO, UNICEF</td>
</tr>
<tr>
<td>9</td>
<td>Bentiu PoC 1st round</td>
<td>72,514</td>
<td>5-10May2017</td>
<td>IOM, WHO, Unicef</td>
</tr>
<tr>
<td>10</td>
<td>Bentiu PoC 2nd round</td>
<td>77,603</td>
<td>26-29May2017</td>
<td>IOM, WHO, Unicef</td>
</tr>
<tr>
<td>11</td>
<td>Aburoj IDP site</td>
<td>10,223</td>
<td>20-22May2017</td>
<td>MSF-E, WHO, UNICEF</td>
</tr>
<tr>
<td></td>
<td><strong>Total doses deployed in 2017</strong></td>
<td><strong>311,894</strong></td>
<td></td>
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</tr>
</tbody>
</table>

WASH CLUSTER RESPONSE UPDATES

Note: WASH Cluster partners to send their Cholera response updates by Friday 4pm every week at dburgess@unicef.org.

As of 3 JUNE 2017

Warrap; Tonj East: Coordination Focal Point - UNICEF

- 11 hand pumps serving communities with suspect cholera cases have been repaired with two additional pumps being completed on 3rd June 2017. Total repair/maintenance planned for 30 hand pumps.
- Water treatment being done at the point of collection (water pond that is currently used by people from 32 cattle camps in Makuac.
- WASH Officer, UNICEF planning to go back to Tonj East latest by Wednesday 7th June 2017 to support the WASH response for 2 weeks.

Challenges:

- Lack of WASH cluster partners as it this was low in priority for the HRP 2017. WASH partners were mobilized from other places.
- Transporting tools and spare parts to borehole sites.
- UNICEF requested to speed up support to the Carter Centre who has guinea worm volunteers close to cattle camps and could help also in social mobilization and hygiene promotion activities.
- THESO needs scaling up, UNICEF support will be helpful

Kapoeta, Eastern Equatoria

Coordinating Partner; UNICEF/ IOM
Due to the cholera outbreak in Kapoeta South and North, IOM WASH EP&R team has been deployed in the affected areas in order to respond adequately through the improvement of boreholes and hygiene promotion activities.

Solidarite International (SI) has also been deployed this week to support the response. Solidarites will be covering WASH activities in Kapoeta East covering Mogos, Napotpot, Nakwasigariti and Nurus. Solidarites plan to repair a total of 9 hand pumps, most urgent is the pump in Napotpot CTU. UNICEF supports both IOM and SI with the supplies and other related information.

During week 21, the hygiene promotion team continued with sensitization within the five targeted payams to promote keep good hygiene practices to reduce risk of contamination. With a team of 110 hygiene promoters, total of 8,830 individuals (2,003 men, 2,172 women and 4,655 children) have been sensitized on water treatment at household level, hand washing practices and referral of any cholera case to the nearest health center;

Through the coordination with Rural Water in Kapoeta South and North, IOM has been able to repair six boreholes in Kapoeta North and nine boreholes in Kapoeta South to ensure 7,500 people are able to access to potable in the affected areas;

South Sudan Red Cross (SSRC): reported 2,707 households reached with hygiene promotion messages and provided with PUR, Aquatabs and soap in Kapoeta town.

Challenges: Lack of WASH cluster partners as it this was a low priority county for the HRP 2017. WASH partners have been mobilized from other places and will stay for not more than 1-3 months.

Jonglei

Focal Point – Nile Hope, OXFAM on stand by

Suspected cholera cases were reported from Cattle keepers who were displaced to Ayod and now returning back to Pieri. MSF according to Nile Hope has well established Health center in Lankien which 6 hours driving from Pieri with weekly mobile clinic services to Pieri. MSF doesn’t have health personnel on ground in Pieri as such they handed over to Nile Hope some handful of medical supplies.

WASH Interventions

- Nile Hope have active project on ground comprising of WASH and Health
- Recently completed activities include seven rehabilitation of hand pumps
- Training of 37 Water User Committees (WUCs) and 30 Pump mechanics
- 51 community hygiene promoters trained in three locations of Pieri, Modit and Pulchuol
- Cash support for latrine construction. Tear fund who was on ground and has initiated Community Led Total Sanitation (CLTS) process which is picking up very well but most of the toilets/latrines around are either full or almost filling. Thus Nile Hope support household with 2000 SSP upon receiving technical training and demonstration of latrine construction and use and showed willingness to dig his or her own latrine.
- Pieri has both boreholes and one water yard with seven distribution points.

Challenges:
- Poor physical accessibility in Pieri and neighboring areas
- Lack of WaSH supplies to support the WASH response in affected and at risk areas.

Duk
Focal Point – CRS
- Community outreach workers trained and carrying out hygiene promotion activities in Duk County.
- Additional supplies requested for Duk by CRS.

Ayod
Coordinating partner – CMD
- WASH Cholera activities continues.
- Supplies running low. Need cement to repair hand pump platforms, soaps and purification tabs.

Akobo
Coordinating Partner; Nile hope
- PAH mobilize to assess and carry out response in Akobo Town, PAH will work closely with Nile Hope.
- OXFAM on stand by for the Cholera response in Akobo.

Mingkaman, Lakes.
Focal Point – RUWASSA (a national NGO supported by UNICEF)
- 30 Community outreach workers (COW) trained and are conducting hygiene promotion activities at Household and school level.
- More than 4000 people reached with WASH Cholera activities like distribution of soaps, hygiene messages in schools and at household levels.
- CRS has got some funds for one-month cholera response in Mingkaman and other three Payams of Puluk, Dor and Bunagok for hygiene promotion activities.
- CRS under LRRP has completed training of 48 water management committee for eight water points with 24 men and 24 women.
- CRS under WASH in school has completed construction of latrines in Doug – Gok Primary School, Dor and Renovation in Man –Jur Primary School.
- RUWASSA completed assessment of boreholes in site 0 and planning to for two boreholes under major rehabilitation next week.
- RUWASSA continues with daily water supply and chlorination in site 1, 2,3 and part of site 0 and daily cholera responses hygiene promotion (cholera patient contact tracing) in site 0 section 1,2,3,6,7 and 8.
- HELP continues with daily hygiene promotion cholera response in Mingkaman in site 1, 2, 3 and Ahou.
- HELP started training of water management committees for six boreholes drilled in other Payams of Awerial county.
SOCIAL MOBILISATION UPDATES

As of 4 JUNE 2017

Mass media activities

Intensive broadcasting of cholera messages is continuing with a total of 16 FM stations airing radio spots and talk-shows in Juba, Bor, Tonj, Kapoeta, Torit, Malakal, Awerial, Yirol and Bentiu PoC site, where active transmission of cholera is still ongoing. From 26 May-1 June, 2017, 896 times radio jingles have been broadcasted. This brings to cumulative a total of 26,256 radio jingles, 22 talk-shows and 3 interviews being broadcasted since the beginning of the year reaching an estimate of 1.4 million people nationwide. The 16 radio stations engaged include; Spirit FM (YEI), Bakhita FM, City FM, Radio One, Classic FM, Dream FM, Liberty FM, Jonglei FM, Mingkaman FM, Freedom Voice Torit, Bentiu FM, Singata FM, Yirol FM, Don Bosco FM (Tonj), Eye Radio and Radio Miraya. The stations are airing 5 different key messages in various local and national languages.

Ministry of Health, WHO and UNICEF in collaboration with Vivacell telecom company have re-activated Cholera hotline (1144) which currently respond to all calls as well as educating callers on cholera response and preventive measures. From 1-31 May, 2017, a total 120 calls and 304 missed calls from the communities enquiring information on cholera prevention and control. Since March, 2017 to-date, about 1,877 people have called the hotline asking information on water safety and storage, preparation of home-made ORS, nearest cholera treatment sites, cholera signs and symptoms, and on food hygiene.

Social mobilization updates

In Jonglei, UNICEF partner Community Development Organization Network CNDF have continued cholera community engagement activities in Bor, Twic East and Duk. From 26-31 May, 2017, 70 trained social mobilizers carried out house-to-house visits reaching a total of 7,350 households (44,100 individuals) in Bor town, Jalle, Twic East and Duk counties. This brings to a cumulative total of 38,547 households (231,282 individuals) reached with cholera prevention and control key messages respective areas. The trained social mobilizers have also conducted other community engagement activities reaching cumulative total of 128 schools with 37,157 pupils, 94 water point sessions reaching 7,279 people including water vendors. Also through community meetings, a total of 5,928 people which include local chiefs, religious and women and youth leaders have been sensitized through community on knowledge of cholera signs and symptoms for early reporting and referrals.

In Northern part of Jonglei, UNICEF supported partner Fangak Community Development Initiative (FCDI) have conducted cholera social mobilization activities in areas of Fangak, Ayod, and Figi counties. From 25-31 May, 2017, 90 trained FCDI social mobilizers reached 1,080 households (6,480 individuals). This brings to a cumulative total of 3,028 households (18,168 individuals) reached with cholera prevention and control key messages. 66 schools with a total of 3,038 children, 6,275 people through market, water point sessions and community meetings. The partner also reached 78 cattle keepers.

In Eastern Lakes State, UNICEF supported C4D partner CHADO, in collaboration with County Health Department (CHD) have this week conducted household visits reaching 3,595 households (21,570 Individuals) by their 86 trained community volunteers. This brings the
cumulative to a total of 22,931 households (137,586 individuals) educated on cholera and diarrheal disease prevention and control. Furthermore, 75 schools and 17,790 pupils benefitted from school based interventions and 3,535 people reached including food vendors through market sessions. Additionally, 3240 people including water vendors through water point sessions, and 3801 people reached through 175 community meeting in Yirol West, Yirol East and Awerial County including Mingkaman IDPs and Guthom.

In **Tonj State (Former Warrap)**, UNICEF supported C4D partner, The Health Support Organization (THESO) continue with social mobilization and other community engagement activities in response to recent cholera outbreak in Tonj East. From 25-31 May, 2017, 28 trained social mobilizers reached 400 households (2,400 individuals) with cholera key messages and supplies in cholera hotspots areas namely Wunlit, Mapara, Makwac, Paliang and Paweng. The partner also held advocacy/stakeholders’ meetings in six Payams of Tonj East and one Payam of Tonj North to educate and strategized on cholera outbreak response. Additionally, 1,226 people were reached through six community meetings, 625 people in market places, 304 people through water points sessions and 1,018 cattle keepers sensitized in cattle camps.

In **Kapoeta, Eastern Equatoria**, South Sudan Red Cross (SSRC) in partnership with UNICEF together with other social mobilization/hygiene promotion namely; ARC, IOM and Save the Children SMoH and County Health Department (CHD) have deployed a total of 532 trained social mobilizer/hygiene promoters across Kapoeta State (Kapoeta South, North and East) to conduct social mobilization and hygiene promotion activities in areas with active transmission. As of this week (25-31 May, 2017), the volunteers conducted house-to-house health/hygiene promotion including critical demonstrations and distribution of NFIs, reaching 920 households with cholera prevention and control messages and supplies such as soap, buckets, ORS, chlorine tablets and PUR. This brings to the cumulative to a total of 6,705 households (40,230 individuals) educated on cholera and diarrheal disease prevention and control in areas of Kapoeta States namely; Kapoeta Town, Riwoto, Napasikiria, Naji, Machi 1&2 and Mogos. Also the volunteers have intensified cholera awareness in school covering 12 schools with attendance of 1,490 children and teachers. Furthermore, a total of 72 cattle keepers were sensitized in cattle camps, and 29 community meetings held which included local chiefs, religious leaders, youth and women groups. And as part of cholera preparedness in Torit, South Sudan Red Cross (SSRC) and health Link have started community engagement activities which include household visits and school awareness.

Photos from the Field:
Social Mobilizer conducting sensitization meetings with women group at health facility in Naji, Kapoeta Town
Orientation of Cattle Keepers in Tonj East
Advocacy meeting with local authorities on cholera response.

Cholera awareness sessions in Wunlit

Social Mobilizer demonstrating to community in Makwac, Tonj East