

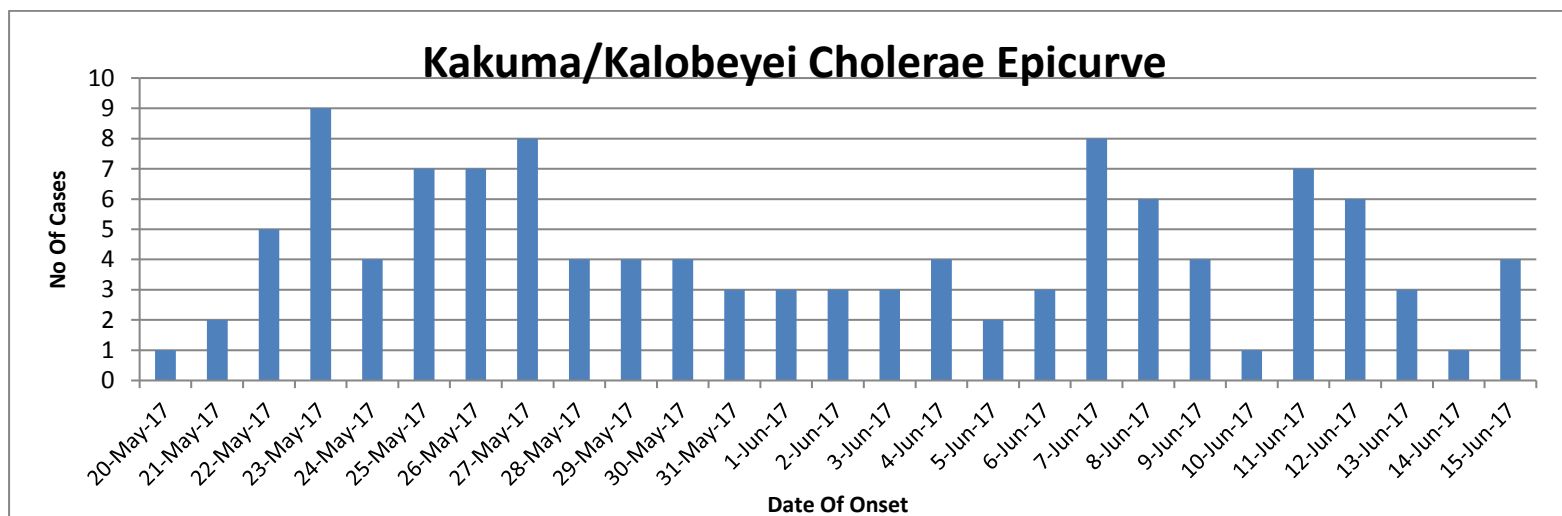
**CHOLERA OUTBREAK RESPONSE UPDATES
KAKUMA REFUGEE CAMP/KALOBYEI SETTLEMENT
16/06/2017
Week Three of Cholerae Outbreak
Update No. 3**

1. Highlights

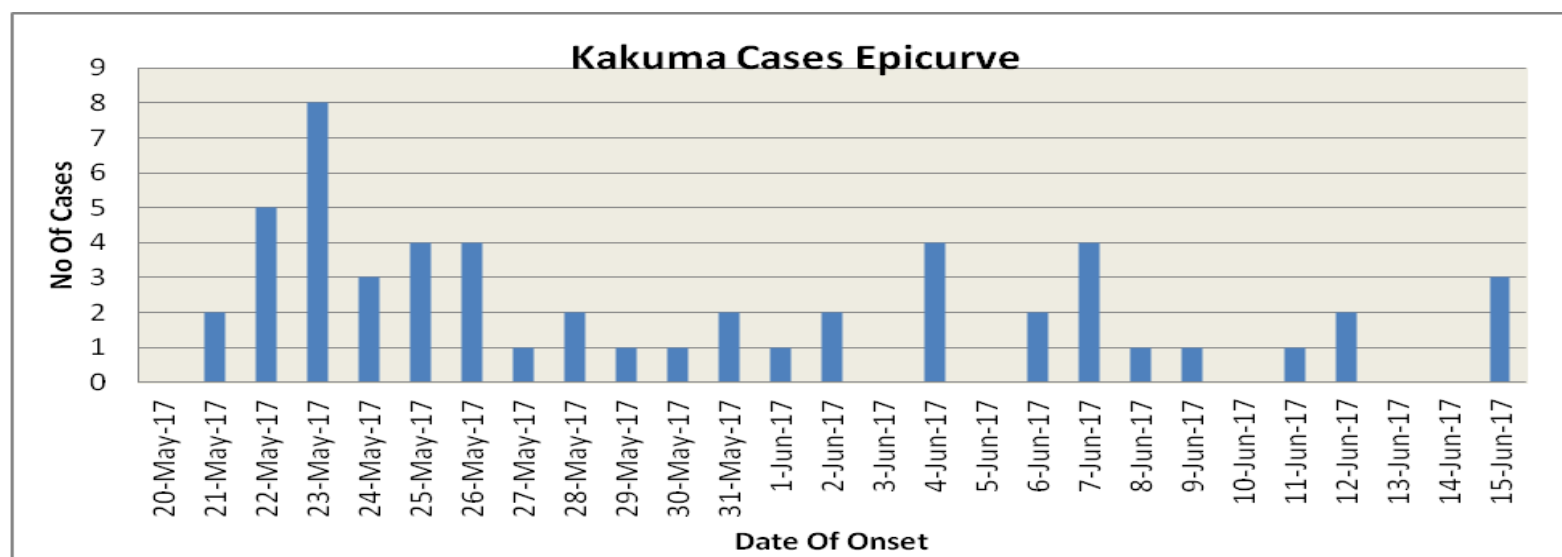
- Cholerae outbreak ongoing with the first confirmed case identified on 22nd May 2017.
- 8 of first 20 samples cultured Vibrio Cholerae inaba 01 with sensitivity results guiding drug use.
- 115 patients lined up to date. 61 in Kakuma lined up and 54 in the Kalobeyei lined up.
- This last week has seen only 25 additional patients from previous week. 7 from Kakuma; 26 from Kalobeyei and 2 from host community.
- 2 CTCs operational with
 - a) Kalobeyei CTC run by Kenya Red Cross - 4 patients currently admitted.
 - b) Kakuma 4 CTC run by the IRC - 4 patients currently admitted
- No mortality reported to date. One pregnant woman at CTC had premature labour at 28 weeks to a fresh still birth on 14/06/2017

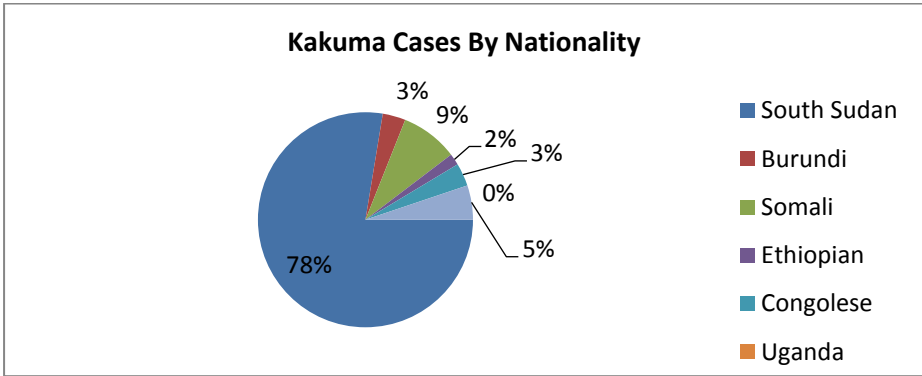
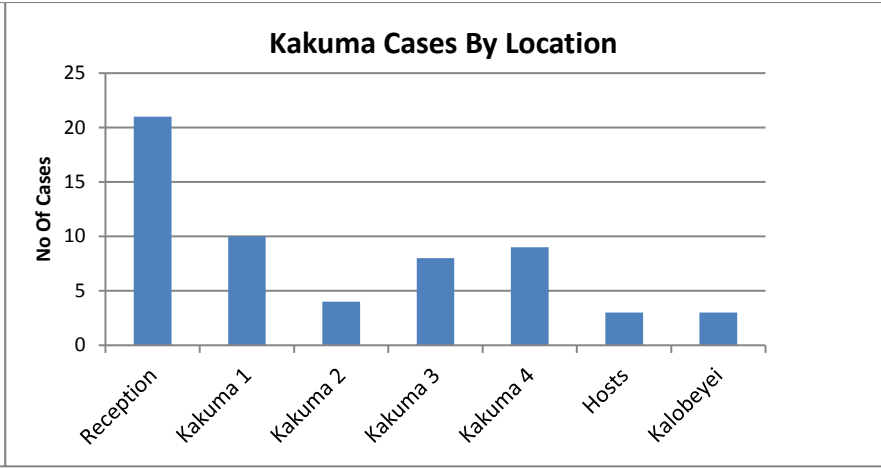
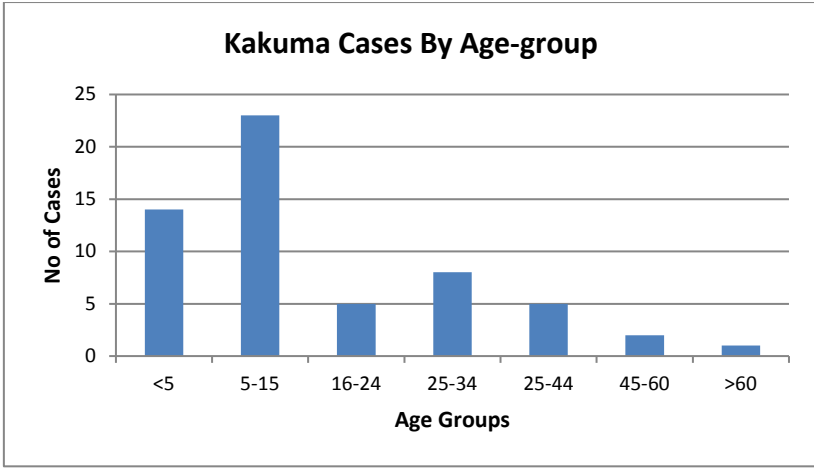
STATISTICS

KAKUMA/KALOBYEI

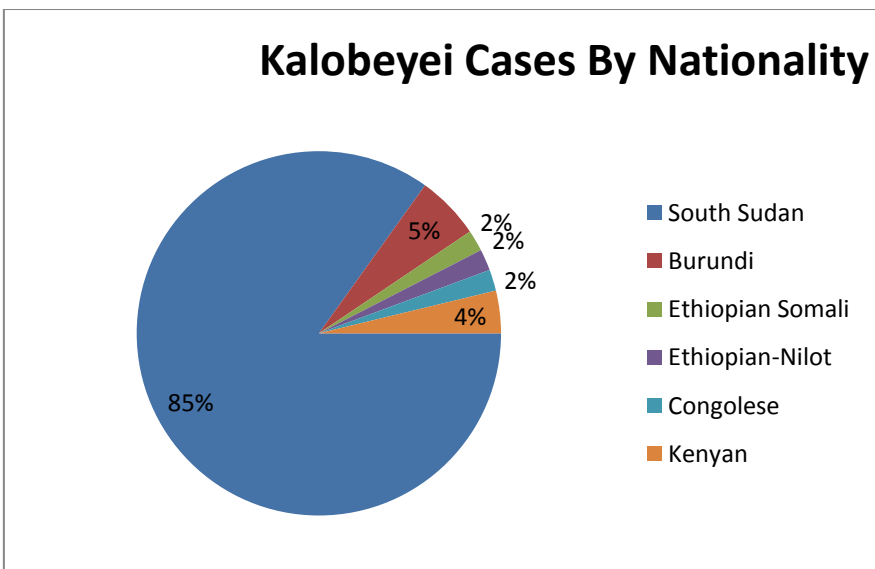
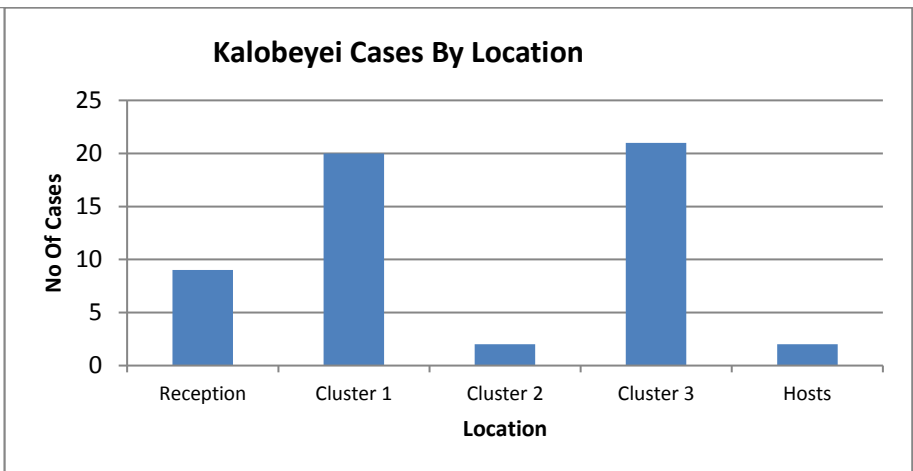
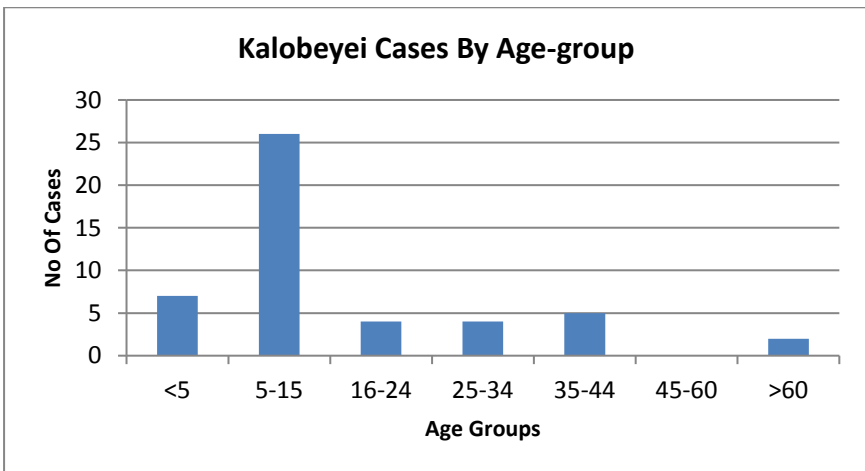
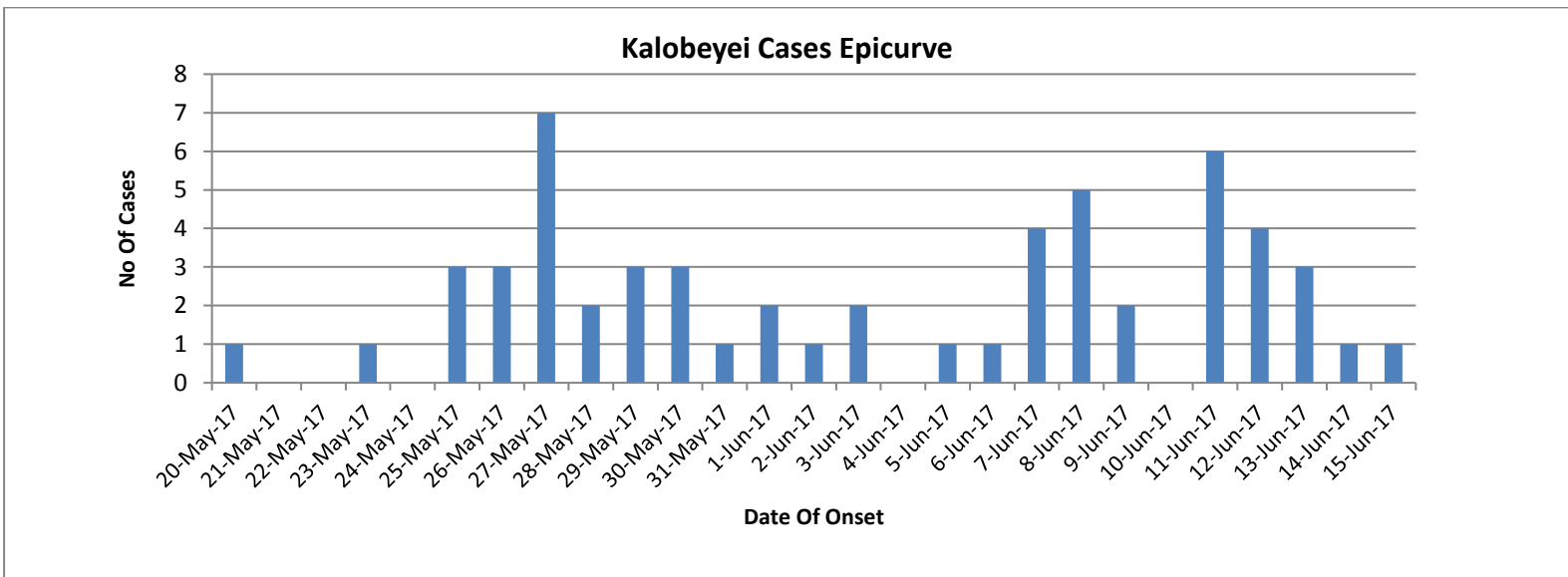


KAKUMA REFUGEE CAMP





KALOBYEI SETTLEMENT



1. Clinical And Community Health

Kakuma

- IRC running the kakuma CTC located in the main hospital in kakuma 4
- 4 patients currently admitted .No mortality recorded.
- Doxycycline first line treatment for moderate, severe cases and direct contacts of this cases,Erythromycin used for children and pregnant women.Latest cultures show susceptibility to erythromycin.
- Daily contact tracing ongoing of all cases seen at the CTC ongoing with decontamination of latrines,prophylaxis for contacts as well as targeted health messaging by the community health workers including putting up hanwashing facilities at households
- On job training on infection prevention ongoing to staff working at the CTC
- Rehydration point at the kakuma reception centre in kakuma 3 is still active together with active case finding among new arrivals
- Designated ambulance with different call sign for cholera patients continues to operate 24 hours a day.

Kalobeyei

- Kenya Red-Cross continues to run a CTC at the main clinic in cluster 1
- 4 patients currently admitted all from cluster 1 of Kalobeyei.
- Use of Doxycycline as first line for moderate and severe cases admitted as well as their contact.Erythromycin used for pregnant women and children as guided by latest culture and sensitivity testing.
- Contact tracing being done for all cases identified within 12 hours.Decontamination of latrines done as well as chemoprophylaxis and putting up of handwashing facilities at household level.

- Have used community leaders meetings to sensitise leaders on importance of use of latrines handwashing and using safe water to combat the current outbreak

- Active case finding ongoing with concentration at reception centres and where new arrivals are being settled
- Training household on construction of leaky tins for handwashing for family and communal latrines.

2. Water, Sanitation and Hygiene

Water

NRC is the main WASH implementing partner In Kakuma and Kalobeyei.Other operational WASH partners are Team & Team and World Vision International-Kenya.

Kakuma

Average water supply in Kakuma remains at 21litres pppd

- Daily testing and monitoring of water ongoing in all areas of kakuma.Samples from Kakuma 3&4 show FRC levels of 0.4-06mg/l at house-hold levels following superchlorination that is still ongoing.
- New pipeline done to connect water to clinic 5 in Kakuma 2 done this week.
- Repair of borehole done in the past week with an aim of increasing water in kakuma 2.
- Supervised monitoring and servicing of all chlorine dosers for all boreholes in Kakuma done this week.
- Rehabilitation of 1km pipeline from borehole BH4B complete in the last one week

Kalobeyei

Population in Kalobeyei currently receiving 15 litres pppd up from 12 litres pppd

- Cluster 3 of Kalobeyei connected to water from the main reticulation system to ease water shortage from challenges of water trucking.This has been associated with reduction of number of cases from the area.
- NRC has participated in daily monitoring filling of all 55 storage tanks by water bowsers and reporting to WASH group.
- Average chlorine at household level at 0.3-0.4 mg/l for samples taken in cluster 1&3.
- NRC completed connection of Redcross CTC to the reticulation system to replace trucking of water to storage tank at the CTC.

Sanitation

Kalobeyei

- Over 35 new communal latrines done in anticipation of settling of new arrivals currently at the reception centre.
- Latrines in cluster 1 and 3 where new cases came from were all decontaminated with chlorine
- 40 slabs distributed in cluster 1 for household latrines to replace the filled up community latrines.

Kakuma

- NRC supervised construction of 42 new family latrines in kakuma 1 in previous week to improve latrine coverage in the most congested areas.
- All latrines from household of cases admitted at the CTC were decontaminated with chlorine.

Hygiene Promotion

Kalobeyei

- NRC has distributed latrine cleaning kits-Buckets,Jerricans and Hardbrooms to more than 1000 household in the last one week starting with cluster 1.
- NRC has installed hand washing facilities at two new schools in Kalobeyei all which have been occupied as a measure to decongest the one primary school in Kalobeyei.
- Daily key handwashing messages done at the schools with over 5,000 students reached in the last week.
- Soap distributed in schools for hand washing at all stations with mandatory handwashing before school meals.
- Over 600 leaky tins installed at the household level as temporary handwashing facilities in tandem with messaging on hand washing ongoing.

Kakuma

- Jerrican cleaning done at the reception centre in kakuma 3 together with messaging on use of proper storage of water.
- House to house visits done in kakuma 1 by hygiene promoters and community health workers.Over 450 leaky tins installed at household level with messaging in handwashing done.
- Ongoing hygiene promotion and messaging at the remaining schools in kakuma not reached in previous two weeks.
- Live radio talk show done twice last week on the local radio station Ata Nayeche on 5 key messages on cholera prevention.

Cholera Coordination

-WASH coordination meeting to be held on 13.06.2017 incorporating health partners as well with main focus on 4Ws of main WASH partners to ensure proper WASH facilities at the reception centres and schools

-Communication working group composed of Film Aid , MoH with Health and WASH prepared survey questionnaire that will mainly target new arrivals and South Sudanese on Knowledge attitude and practice.

-Next cholera outbreak interagency meeting on 23/06/2016.

-There was a joint Field monitoring visit by team from UNHCR,IRC,KRCS&NRC to review WASH and health interventions put in place from action points of previous coordination meetings and evaluations done by the assessment team that was here two weeks ago.This will continue weekly.

CHALLENGES

- There is persistent streaming of new arrivals from area in South Sudan known to have cholera.This is worsened with limited resources for shelter as well as speed of construction leading to congestion of reception centres due to slow relocation.
- Health partners suffering from Burnout of staff with dwindling stock of medical supplies as no additional resources provided since the outbreak began.
- .Reported outbreak of cholera on the South Sudanese side of Nadapal with South Sudanese seeking care from Kenyan Transit centre straining resources and posing a risk of spreading infection to local community around the transit area.

In case of further clarification or information kindly reach out to the below officer

Dr Jesse Wambugu

Asst Public Health Officer /Kakuma

+2540728646125

Muriithi@unhcr.org

Oscar Nabiswa

Asst Wash Officer / Kakuma

+254715514380

Nabiswa@unhcr.org

Dr Burton Wagacha

Senior Public Health Officer/Nairobi

+254715515167

Burtonj@unhcr.org