

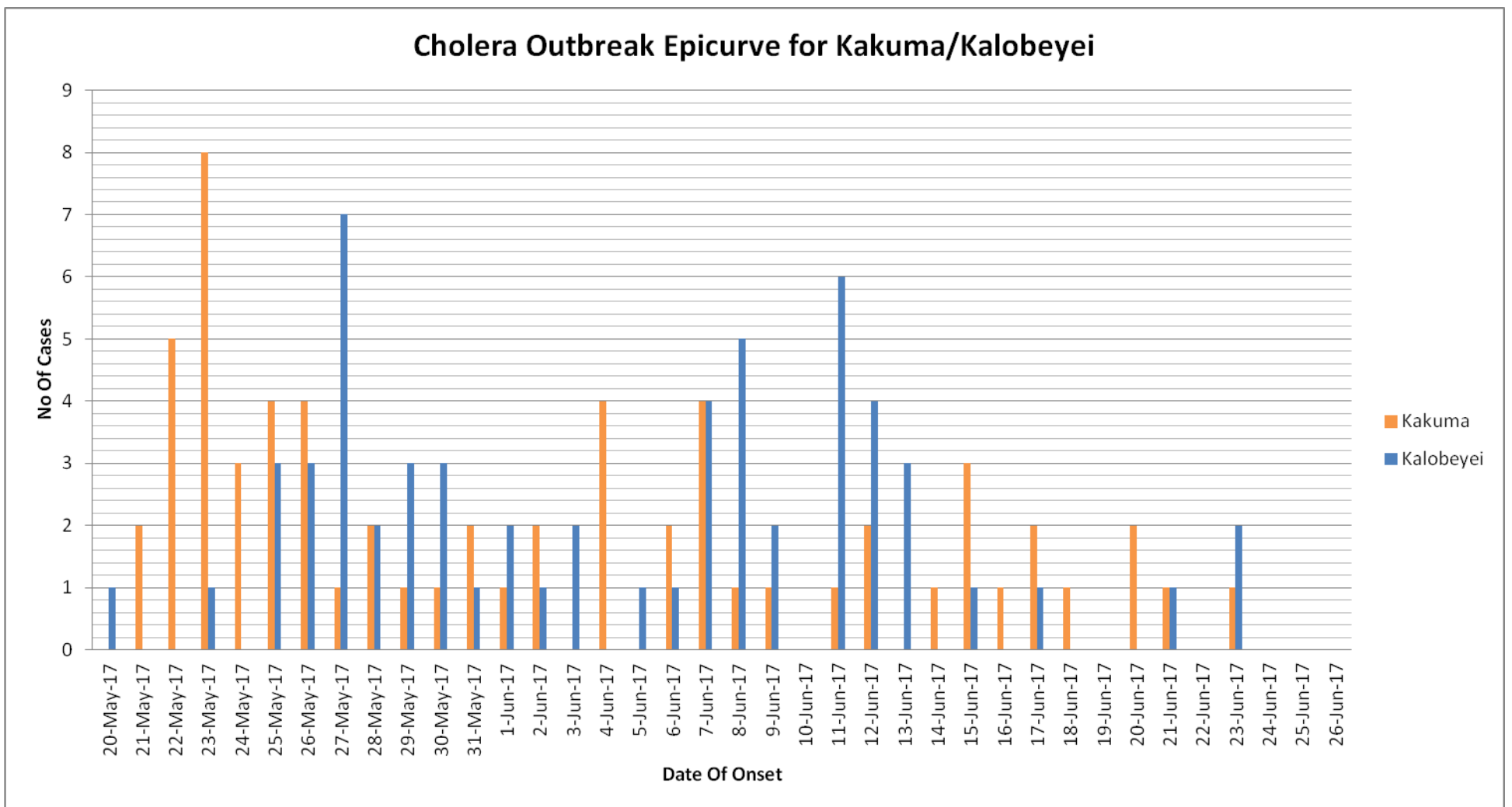
**CHOLERA OUTBREAK RESPONSE UPDATES
KAKUMA REFUGEE CAMP/KALOBYEI SETTLEMENT
26/06/2017
Week Five of Cholera Outbreak
Update No. 5**

1. Highlights

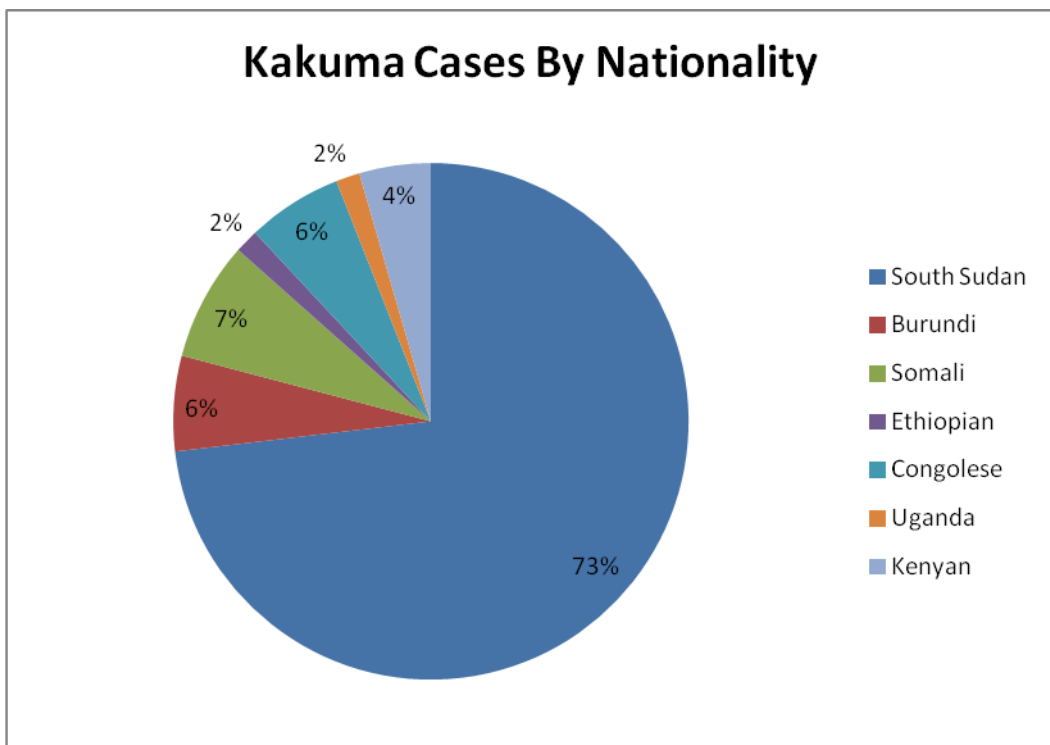
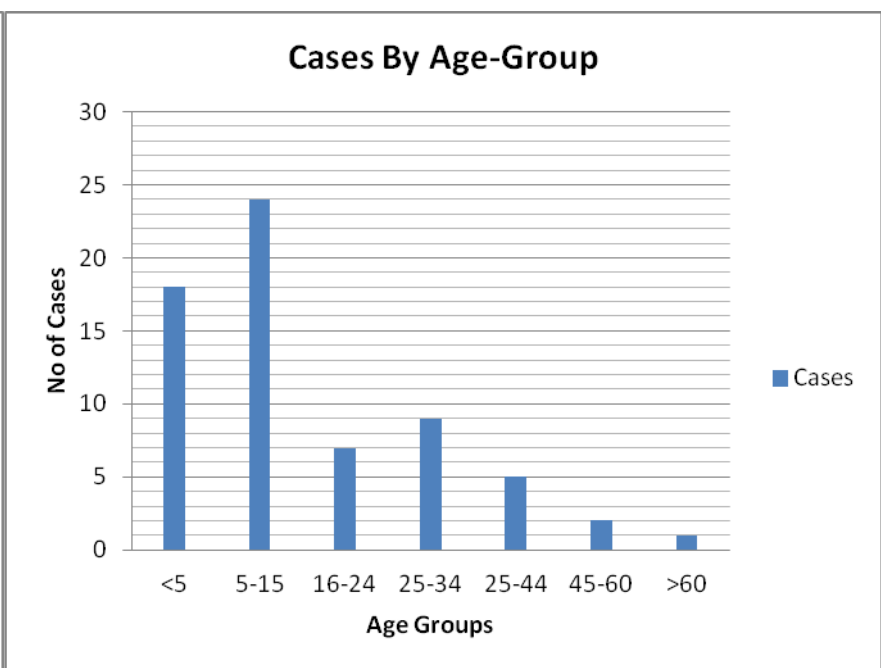
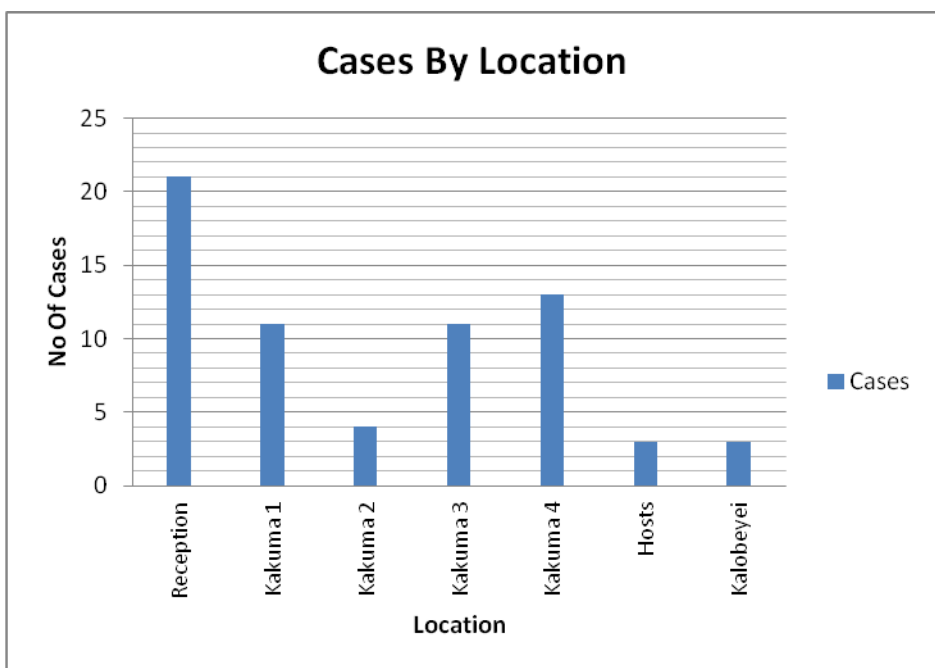
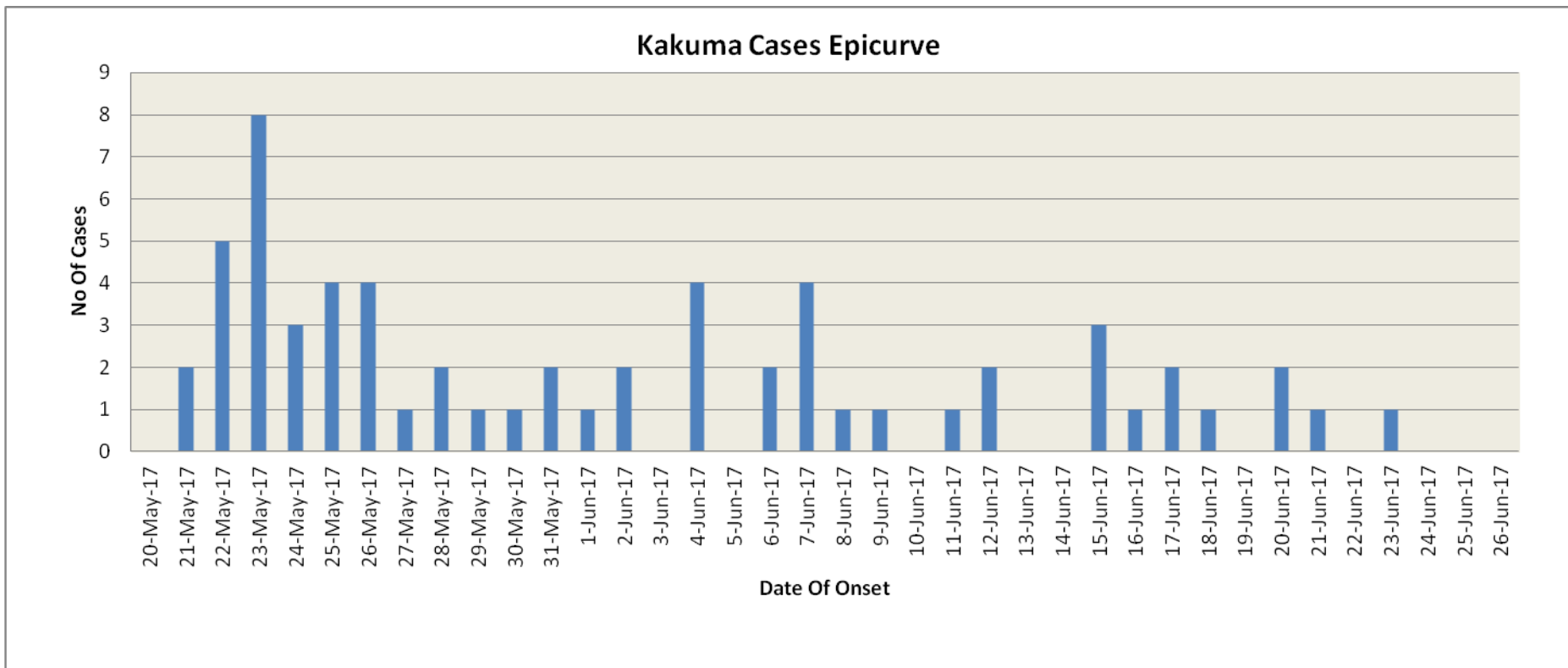
- Cholera outbreak ongoing for five completed weeks since the first confirmed case on 22nd May 2017.
- 128 patients line listed to date. 69 in Kakuma line-list and 59 in the Kalobeyei line-list. Of those line listed 5 are from the host community
- This last week since the last update only 13 patients have been line-listed the lowest in any single week since the outbreak began.
- Most new cases concentrated in Kakuma 4 and Kakuma 3 in the camp and Cluster 1 in the Kalobeyei settlement
- No new admission has been recorded the last three days
- 2 CTCs still operational/on standby
 - a) Kalobeyei CTC run by Kenya Red Cross - No patients currently admitted
 - b) Kakuma 4 CTC run by the IRC - Currently no patients admitted
- No mortality reported to date.

STATISTICS

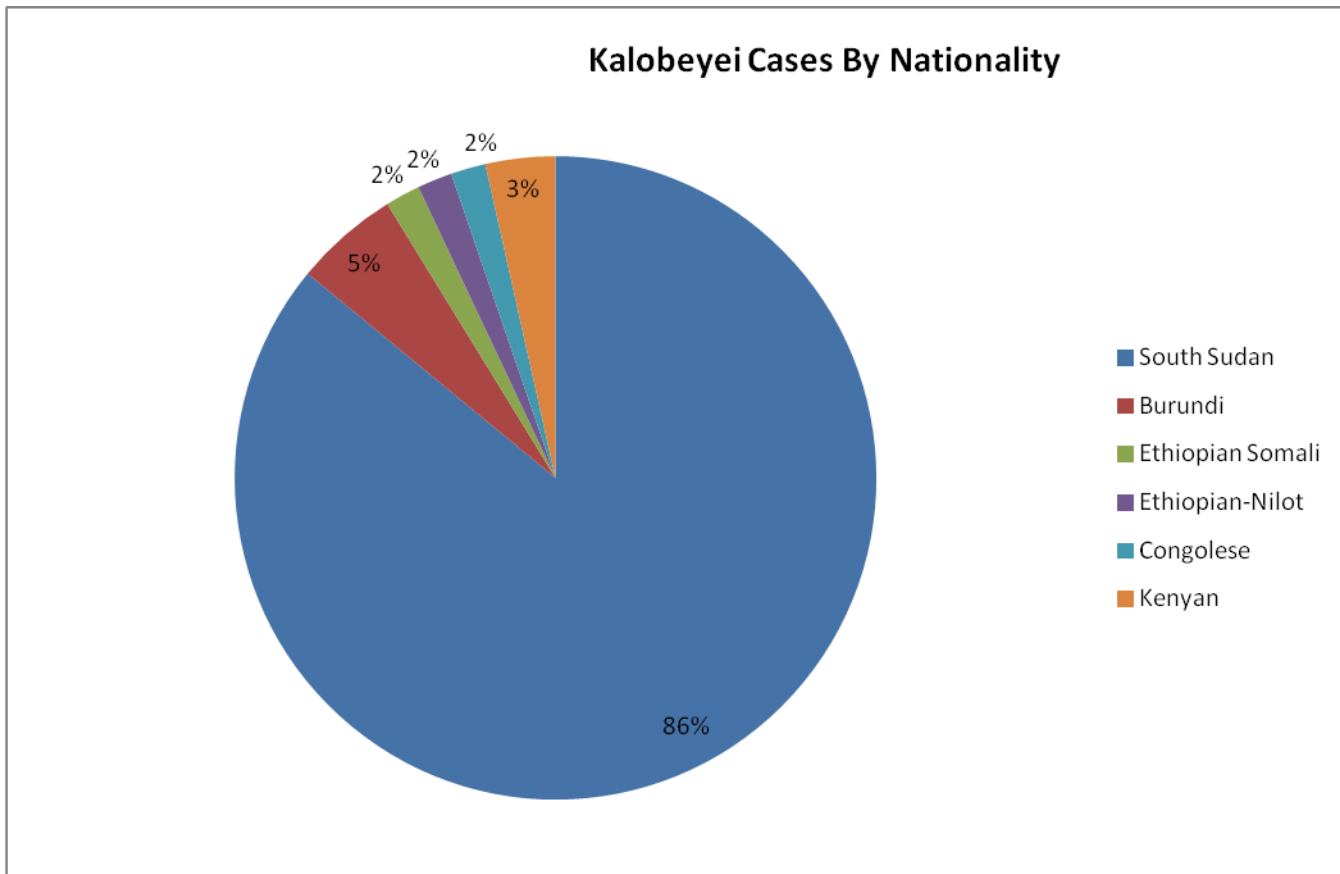
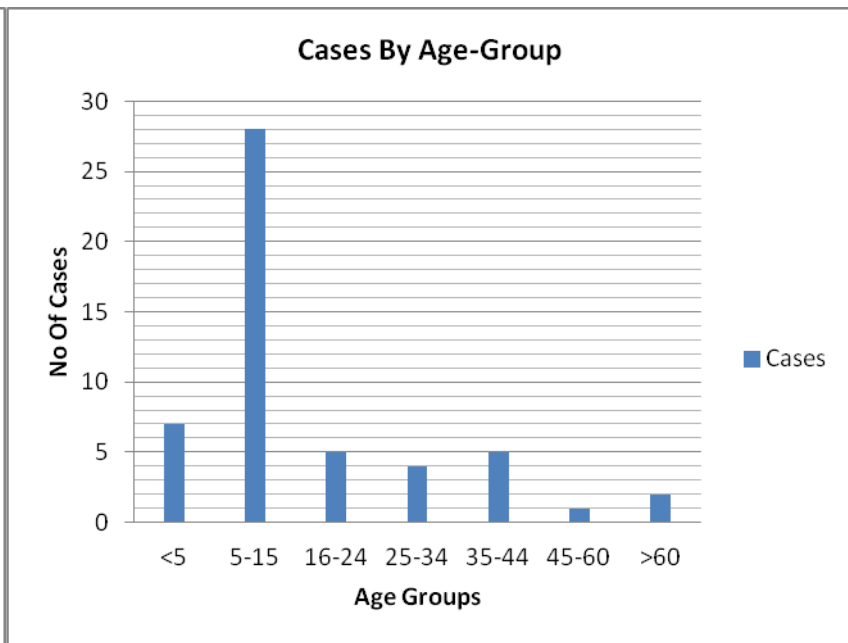
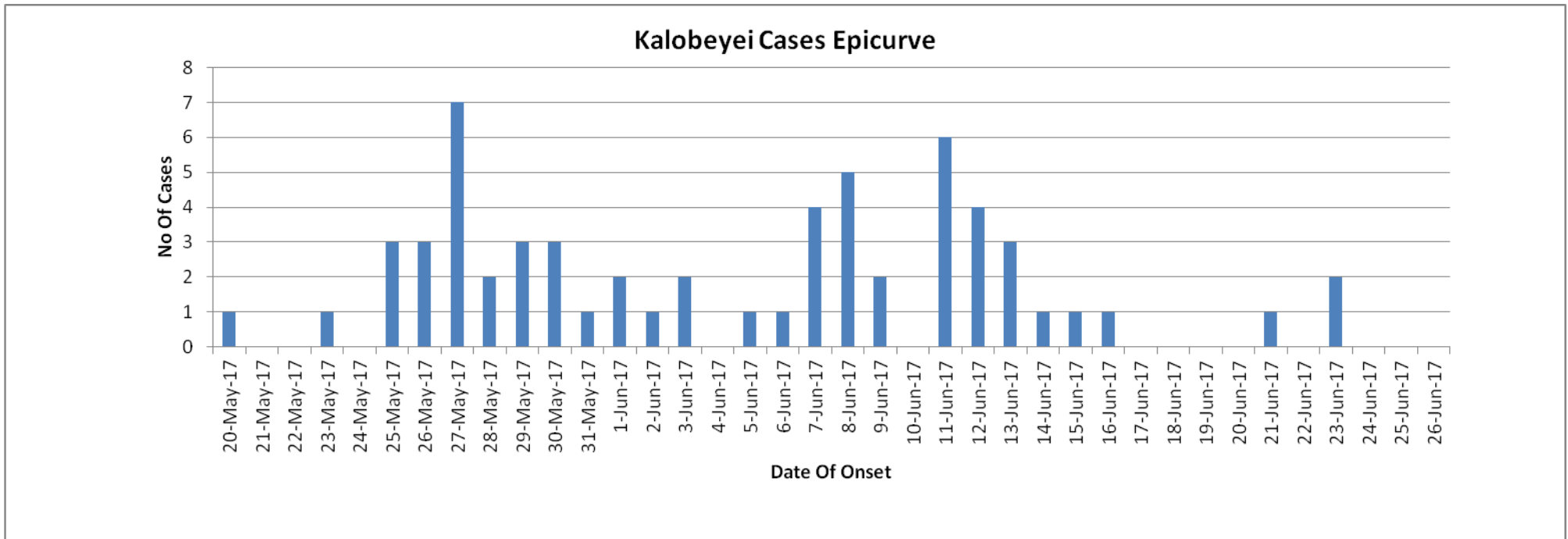
KAKAKUMA/KALOBYEI



KAKUMA REFUGEE CAMP



KALOBYEI SETTLEMENT



1. Clinical And Community Health

Kakuma

- IRC continues running one CTC located in the main hospital in kakuma 4
- No 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 as guided by the latest cultures
- 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 hand washing facilities at households
- On job training on infection prevention ongoing to staff working at the CTC
- Active case finding has increased more concentrated in Kakuma 3 and 4 where most cases were coming from this week
- Designated ambulance with different call sign for cholera patients continues to operate 24 hours a day.

Kalobeyei

- Kenya Red-Cross continues to run one CTC in the Cluster 1 clinic compound
- No patient currently admitted in the CTC. No mortality recorded to date
- 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 was done for all admissions this week with provision of prophylactic antibiotics, decontamination of latrines and homestead as well as targeted hygiene promotion messaging.
- Active case finding ongoing with focus in the reception centre and Cluster 1 where new cases have mainly come from
- Training household on construction of leaky tins for hand washing for family and communal latrines in conjunction with Hygiene promoters from NRC.

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 1,2,3&4 show FRC levels of 0.3-0.6 mg/l at house-hold levels following super chlorination that is still ongoing.
- Testing of a new distribution system in Kakuma 4 that allows increased pressure in the system was tested with all 86 tap stands receiving water.
- Hydrological survey for drilling of an extra borehole to serve Kakuma 1 with an aim of increasing per capita is underway

Kalobeyei

Population in Kalobeyei currently receiving 15 litres pppd of water

- Daily monitoring of water at tap-stand ongoing with sampling at the household levels. Average FRC of 0.2-0.4mg/l achieved at household level.
- One elevated still tank aimed at providing water to the reception centre and increase water to cluster one was complete and activated.
- Over 500m of new pipeline was laid down where new arrivals are being settled in cluster 3.
- Areas for construction of 4 elevated still tanks were identified in Cluster 2 &3 with consultant expected to start work in coming week. This is in line with plan to have a complete reticulation system in all Kalobeyei and eliminate need for water trucking by end of July
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Sanitation

Kakuma

- NRC monitored construction of 15 new family latrines in Kakuma 4 where families had previously sold latrine materials and were practicing open defecation.
- Also monitored and provided materials for construction of 43 household latrines in Kakuma 3 where previous toilets were mainly filled up and also in areas where relocates from Dadaab will be settled.
- Completion of 24 permanent latrines bt Team & Team in the reception centre to bring the total to 51 in the kakuma reception centre
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Kalobeyei

- 35 new communal latrines were constructed in areas where new arrivals are being settled. New arrivals in this area showed how to make and maintain hand-washing facilities for the latrines.
- Decontamination and decommissioning 20 of filled up communal latrines done in cluster 1 of Kalobeyei.
- NRC supervised cleaning and decontamination of latrines at the reception centre.

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Hygiene Promotion

Kakuma

- Jerry can cleanup exercise done in Kakuma 2 and Kakuma 4 with over 1589 Jerricans cleaned
- Started hygiene promotion messaging with emphasis on latrine use and hand-washing to new arrivals immediately they arrive from Nadapal.
- Distribution of latrine washing materials continued in Kakuma 2,3&4.
- Increased focus on hygiene promotion in Kakuma 3&4 with over 250 hand washing facilities done over the last one week.
- Activation of dormant hygiene clubs in schools in Kakuma ongoing with collaboration between IRC and NRC.
- Radio spots messaging ongoing throughout the day on 5 key steps to avoiding infection with cholera.

Kalobeyei

- Mass cleanup involving the community done in Cluster 1 of Kalobeyei.
- NRC in collaboration with KRCS initiated formation of hygiene clubs in the 2 new schools in Kalobeyei.
- Continued hygiene promotion messaging among new arrivals at the reception done every morning with also focus in cluster 1.
- Mass messaging and movie screenings done by Film-Aid at reception centres as well as the new clusters.
- Distribution of lime for latrine cleaning in cluster 1,2& 3 which also reduces smell and flies in latrines.

Cholera Coordination

- Interagency Cholera coordination meeting done on 21/06/2017 with plans to continue having weekly meetings
- Turkana County MoH have called for a cholera response meeting to be held in Lodwar on 27/06/2017.

CHALLENGES

- Delay in receiving culture results from the Nairobi Kemri Laboratory to verify if few ongoing cases are culture positive for cholera-Taking up to two weeks to get results.
- Reliance on water trucking in Kalobeyei still resulting in inadequate water supply some areas due to frequent breakdowns of water trucks with completion of reticulation system anticipated to be done at the end of July. The same challenge of reliance on water trucking causing water challenges at Nadapal reception centre.

Incase of further clarification or information kindly reach out to any of the below officers

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