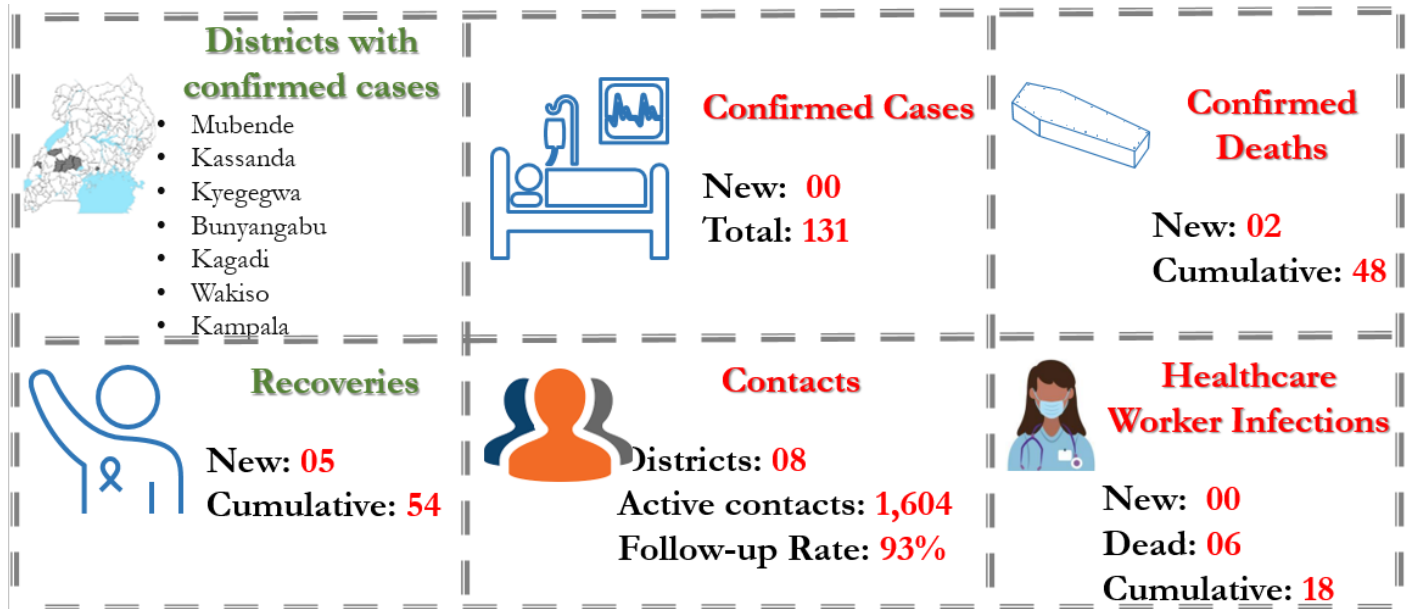


# EBOLA VIRUS DISEASE



## Situation Report 42

Data update as of 02<sup>nd</sup> November 2022 at 22 :00 HRS



### Background

On 20<sup>th</sup> September 2022, the Ministry of Health declared an outbreak of Sudan ebolavirus (SVD) after a case managed at Mubende Regional Referral Hospital (MRRH) in Mubende district was confirmed through testing at the Uganda Virus Research Institute (UVRI). This followed investigations by the National Rapid Response Team of suspicious deaths that had occurred in the district earlier in the month. This is the first time in more than a decade that Uganda reports an outbreak of Sudan ebolavirus

- Today marks 44 days of response to the EVD outbreak, first case was confirmed on 19-Sep-2022.
- Zero newly confirmed EVD cases in the past 24 hours.
- Two newly confirmed deaths in the past 24 hours – both from Mubende ETU.
- Five new recoveries in the past 24 hours, bringing cumulative recoveries to 54.
- Case Fatality Ratio (CFR) among confirmed cases is 48/131 (37%).
- A total of 1,604 contacts actively being followed-up in eight districts, follow-up rate in the past 24 hours was 93%.

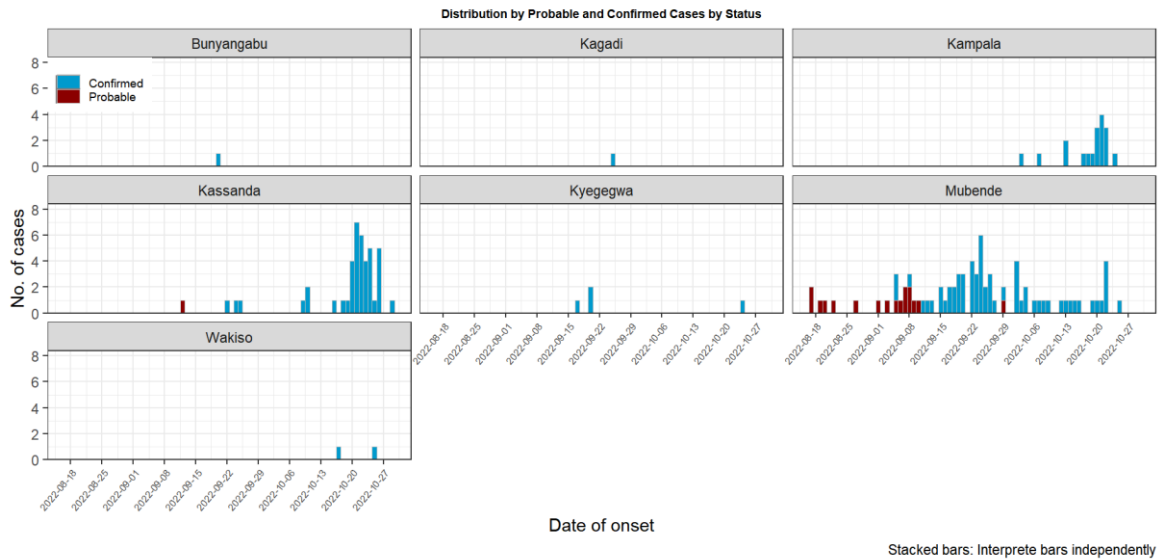
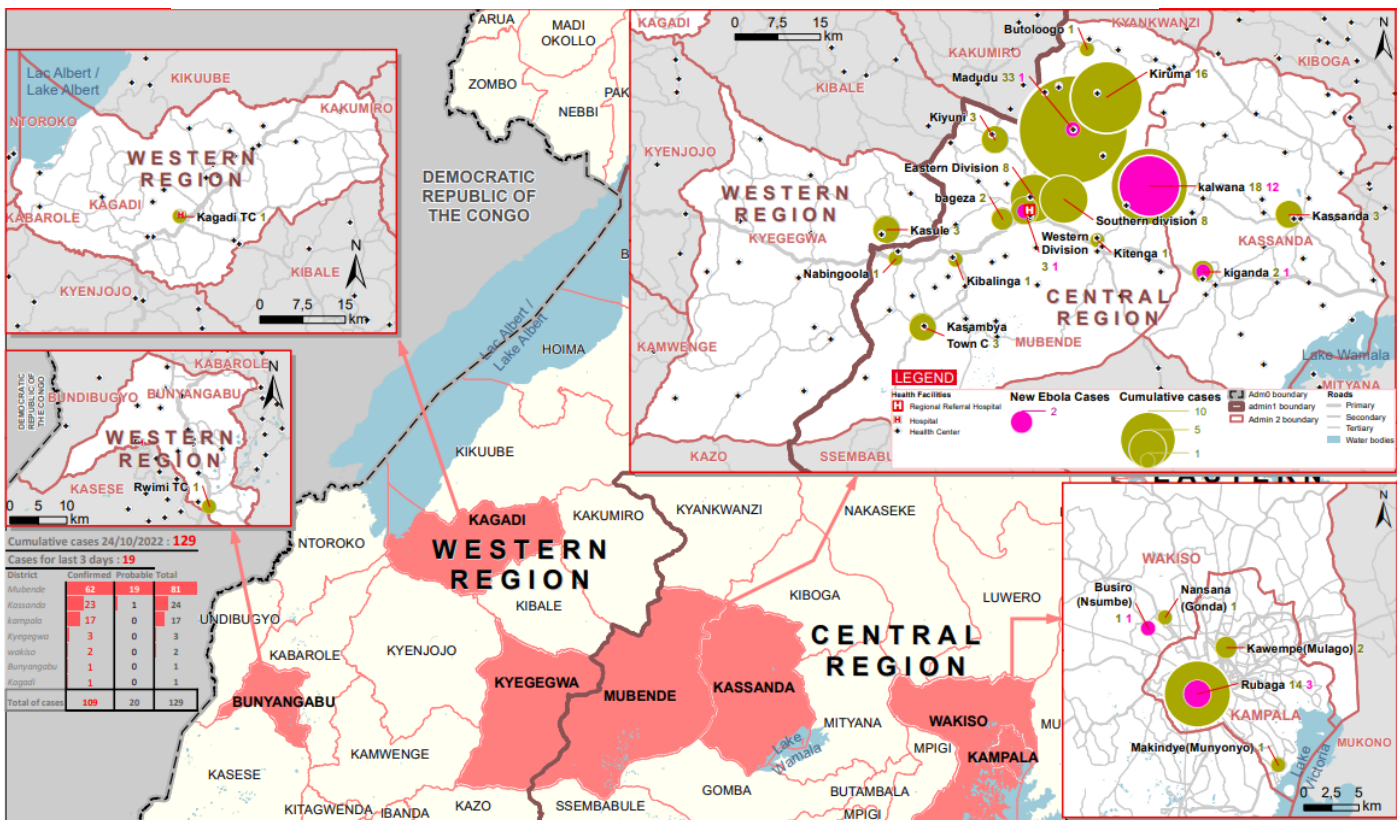


Figure 1: Time analysis of affected individuals by affected district

Figure 2: Place analysis of affected persons by district and sub-county



## Summary of Confirmed Cases, Recoveries and Deaths by Sub-County as of 02<sup>nd</sup> November 2022 at 22:00 HRS

| <i>District</i><br>(N=7) | <i>Sub county</i><br>(N=26) | <i>Confirmed cases</i><br>(N=131) | <i>Confirmed deaths</i><br>(N=48) | <i>Probable cases</i><br>(N=21) | <i>Recoveries</i><br>(N=54) |
|--------------------------|-----------------------------|-----------------------------------|-----------------------------------|---------------------------------|-----------------------------|
| <i>Bunyangabu</i>        | Rwimi TC                    | 01                                | 00                                | 00                              | 01                          |
|                          | <i>Kagadi</i>               | Kagadi TC                         | 01                                | 01                              | 00                          |
| <i>Kampala</i>           | Kawempe                     | 02                                | 00                                | 00                              | 00                          |
|                          | Makindye                    | 01                                | 00                                | 00                              | 01                          |
|                          | Rubaga                      | 15                                | 03                                | 00                              | 06                          |
|                          | Gomba                       | 01                                | 01                                | 00                              | 00                          |
|                          | Kalwana                     | 25                                | 10                                | 00                              | 08                          |
| <i>Kassanda</i>          | Kassanda                    | 05                                | 00                                | 02                              | 02                          |
|                          | Kiganda                     | 03                                | 00                                | 00                              | 01                          |
|                          | Kikandwa                    | 06                                | 04                                | 00                              | 00                          |
| <i>Kyegegwa</i>          | Kasule                      | 04                                | 01                                | 00                              | 03                          |
|                          | Bagezza                     | 02                                | 02                                | 00                              | 00                          |
|                          | Butologo                    | 01                                | 01                                | 00                              | 00                          |
|                          | Eastern Division            | 09                                | 01                                | 00                              | 06                          |
|                          | Southern division           | 07                                | 03                                | 01                              | 04                          |
| <i>Mubende</i>           | Western Division            | 03                                | 01                                | 00                              | 02                          |
|                          | Kasambya                    | 05                                | 02                                | 00                              | 02                          |
|                          | Kiruuma                     | 10                                | 04                                | 05                              | 06                          |
|                          | Kirwany                     | 02                                | 00                                | 00                              | 00                          |
|                          | Kiyuni                      | 03                                | 03                                | 00                              | 00                          |
|                          | Madudu                      | 21                                | 10                                | 13                              | 11                          |
|                          | Kibalinga                   | 01                                | 01                                | 00                              | 00                          |
|                          | Kitenga                     | 01                                | 00                                | 00                              | 01                          |
| <i>Wakiso</i>            | Busiro                      | 01                                | 00                                | 00                              | 00                          |
|                          | Nansana                     | 01                                | 00                                | 00                              | 00                          |

Data harmonisation is an on-going process as patient classification changes between admissions, recoveries and fatalities.

\*All probable deaths reported as occurring before 20<sup>th</sup> September 2022.

## Case Management summaries as of 02<sup>nd</sup> November 2022 at 22:00 HRS

| <i>Updated 02Nov22 at 22:00 HRS</i> |   | MUB | MAD | ENT | MUL | Total |
|-------------------------------------|---|-----|-----|-----|-----|-------|
| <b>Bed Capacity</b>                 | # of beds in the Isolation Unit                         | 64  | 08  |     | 120 | 192   |
|                                     | # of ETU beds   | 48  |     | 67  |     | 115   |
| <b>Bed Occupancy</b>                | # of beds occupied in the Isolation Unit today          | 47  | 08  |     | 21  | 76    |
|                                     | # of beds occupied in the ETU today                     | 16  |     | 11  |     | 27    |
| <b>Admission</b>                    | # of suspect cases admitted to the Isolation Unit today | 36  | 01  |     | 01  | 38    |
|                                     | # of Cases admitted to the ETU today                    | 00  |     | 00  |     | 00    |
|                                     | # of walk in patients to the isolation Unit             | 00  | 00  |     | 00  | 00    |
| <b>Severity</b>                     | # of Mild cases in the ETU today                        | 00  |     | 10  |     | 10    |
|                                     | # of Critical cases in the ETU today                    | 4   |     | 01  |     | 5     |
| <b>Discharge</b>                    | # of patients discharged from the ETU                   | 5   |     | 01  |     | 06    |
|                                     | # of patients discharged from the Isolation Unit        | 23  | 01  |     | 11  | 35    |
| <b>Death</b>                        | # of suspect cases that died in the Isolation Unit      | 00  | 00  |     | 00  | 00    |
|                                     | # of patients that died in the ETU                      | 03  |     | 00  |     | 03    |

Table Acronyms: MUB = Mubende RRH ETU, MAD = Madudu HCIII, EBB = Entebbe RR Hospital, MUL = Mulago NR Hospital



# Contact Tracing, Alert Management, Evacuations, Burials and Laboratory summaries as of 02<sup>nd</sup> November 2022 at 22:00 HRS

| Updated 01Nov22 at 22:00 hrs                  | Last 24 Hours |          |         |          |          |     |          |          |     |     | Total     |     |     |     |       |
|---|---------------|----------|---------|----------|----------|-----|----------|----------|-----|-----|-----------|-----|-----|-----|-------|
|   | MUB           | KAS      | KAK     | KYE      | KMA      | MSK | MTN      | MTM      |     |     |           |     |     |     |       |
| Contacts listed                               | 3             | 34       | 0       | 0        | 0        | 33  | 0        | 0        |     |     | 70        |     |     |     |       |
| Contacts completed 21 days of follow-up       | 0             | 12       | 0       | 0        | 18       | 0   | 0        | 0        |     |     | 30        |     |     |     |       |
| Contacts under active follow-up               | 531           | 571      | 8       | 12       | 354      | 33  | 79       | 16       |     |     | 1,604     |     |     |     |       |
| Contacts followed-up today (% follow-up rate) | 523 (98)      | 532 (93) | 8 (100) | 12 (100) | 320 (90) | 0   | 79 (100) | 16 (100) |     |     | 1490 (93) |     |     |     |       |
| Number of Contacts developing symptoms        | 0             | 5        | 0       | 0        | 0        | 0   | 0        | 0        |     |     | 5         |     |     |     |       |
| Number of Contacts evacuated                  | 0             | 5        | 0       | 0        | 0        | 0   | 0        | 0        |     |     | 5         |     |     |     |       |
| Signals / Calls received                      | 81            | 43       | 2       | 1        | 14       | 0   | 0        | 0        |     |     | 141       |     |     |     |       |
| Alerts received                               | 35            | 43       | 2       | 1        | 14       | 0   | 0        | 0        |     |     | 95        |     |     |     |       |
| Alerts verified (%)                           | 35 (100)      | 43 (100) | 2 (100) | 1 (100)  | 14 (100) | 0   | 0        | 0        |     |     | 95 (100)  |     |     |     |       |
| Alerts meeting suspect case definition        | 15            | 14       | 0       | 0        | 5        | 0   | 0        | 0        |     |     | 34        |     |     |     |       |
| Alerts evacuated                              | 14            | 10       | 0       | 0        | 2        | 0   | 0        | 0        |     |     | 26        |     |     |     |       |
| SDB death alerts                              | 9             |          |         |          |          |     |          |          |     |     | 9         |     |     |     |       |
| SDB undertaken - Community burials            | 1             |          |         |          |          |     |          |          |     |     | 1         |     |     |     |       |
| - Backlog cases today                         | 8             |          |         |          |          |     |          |          |     |     | 8         |     |     |     |       |
| - Samples collected from deaths               | 9             |          |         |          |          |     |          |          |     |     | 9         |     |     |     |       |
| Samples tested (suspects, rebleed, swabs)     | 30            | 28       | 4       | 0        | 14       | 1   | 0        | 0        |     |     | 77        |     |     |     |       |
| EMS Ambulance fleet                           | 13            | 11       |         |          |          |     |          |          |     |     | 24        |     |     |     |       |
| EMS alerts handled                            | 29            | 35       |         |          | 2        |     |          |          |     |     | 66        |     |     |     |       |
| EMS evacuations - ALL                         | 25            | 26       |         |          | 2        |     |          |          |     |     | 53        |     |     |     |       |
| - to ED                                       | 10            | 9        |         |          |          |     |          |          |     |     | 19        |     |     |     |       |
| - to ETU                                      | 9             | 0        |         |          |          |     |          |          |     |     | 9         |     |     |     |       |
| - to Madudu                                   | 1             | 7        |         |          |          |     |          |          |     |     | 8         |     |     |     |       |
| - Psychosocial, mental                        | 1             | 10       |         |          |          |     |          |          |     |     | 11        |     |     |     |       |
| - declined                                    | 2             | 3        |         |          |          |     |          |          |     |     | 5         |     |     |     |       |
| Triage Category - Red                         | 5             | 7        |         |          |          |     |          |          |     |     | 12        |     |     |     |       |
| - Yellow                                      | 6             | 12       |         |          |          |     |          |          |     |     | 18        |     |     |     |       |
| - Green                                       | 4             | 7        |         |          |          |     |          |          |     |     | 11        |     |     |     |       |
| Cumulative                                    |               |          |         |          |          |     |          |          |     |     | Total     |     |     |     |       |
|   | MUB           | KAS      | FPC     | KYE      | KAG      | KAK | KMA      | MSK      | LUW | NAK | NTG       | MTN | MTM | BUN |       |
| Contacts listed                               | 2187          | 791      | 3       | 70       | 23       | 67  | 441      | 33       | 5   | 8   | 20        | 82  | 16  | 48  | 3,794 |
| Contacts completed 21 days of follow-up       | 1535          | 110      | 3       | 55       | 23       | 58  | 53       | 0        | 5   | 8   | 20        | 3   | 0   | 48  | 1,921 |
| SDB death alerts                              | 160           |          |         |          |          |     |          |          |     |     |           |     |     |     | 160   |
| SDB undertaken - Community burials            | 102           |          |         |          |          |     |          |          |     |     |           |     |     |     | 102   |
| - Healthcare facility deaths                  | 46            |          |         |          |          |     |          |          |     |     |           |     |     |     | 46    |

Table Acronyms: MUB=Mubende, KYE=Kyegegwa, FPC= Fort Portal City, KAS=Kassanda, KAG=Kagadi, KMA = Kampala Metropolitan (Kampala + Wakiso), BUN = Bunyangabu, KAK = Kakumiro, NAK = Nakasongola, LUW = Luweero, MTN = Mityana, MTM = Mitooma, NTG = Ntungamo, MSK = Masaka

## Actions to date

The Ministry of Health (MoH), Districts, and partners in Uganda are implementing several outbreak control interventions in Mubende and her surrounding districts to contain the disease spread. An overview of key activities is summarized below:

### Response Pillar

### Key Updates in the past 24 hours

#### Coordination

- Daily DTF and IMT-specific meetings within all affected districts; NTF scheduled thrice a week.
- Total contacts under follow up within the past 24-hours are 1,604 within eight districts. Follow up rate for contacts is at 93%
- Total alerts validated within the past 24-hours were 95, of which 34 met the suspected case definition and 26 were evacuated.
- Team Kyegegwa continued engaging locals in Kibuba village to further understand the source of infection for the most recent confirmed case.

#### Surveillance & Contact tracing

- The surveillance teams continue to investigate new cases to define chains of transmission for the new case reported in the last 48 hours
- A total of 26 alerts received from 19 category #2, #3 districts: Agago (01), Amuru (01), Busia (01), Gomba (01), Ibanda (01), Kabarole (01), Kakumiro (04), Kasese (02), Katakwi (01), Kayunga (01), Kiboga (01), Kyankwanzi (01), Kyenjojo (02), Masaka (01), Mpigi (03), Ntoroko (01), Omoro (01), Oyam (01), Zombo (01). All tested NEGATIVE for EVD (SUD)

#### Laboratory

- Total of 103 samples processed at UVRI and Mubende mobile lab within the past 24 hours

#### Case Management

- Day #3 of Cohort #3 training in case management

|   |   |
|---|---|
| <i>Emergency Medical Services</i>                       | <ul style="list-style-type: none"> <li>➤ Plans underway to establish ETU at Kalwana COU, and a holding centre at Bweyongedde in Kassanda.</li> <li>➤ A total of 29 evacuations done in Mubende and 35 in Kassanda.</li> </ul>   |
| <i>Safe &amp; Dignified Burials</i>                     | <ul style="list-style-type: none"> <li>➤ Conducted four safe and dignified burials in Mubende and Kassanda within the past 24 hours.</li> <li>➤ Three backlog case in the past 24 hours - two alerts received past 18:00 hrs, one family was not yet ready.</li> </ul>  |
| <i>Infection Prevention &amp; Control (IPC)</i>         | <ul style="list-style-type: none"> <li>➤ Provided technical guidance on the waste management in Mubende ETU.</li> <li>➤ IPC onsite mentorship and scorecard assessment with mentors in 7 public and private facilities in Kasambya, action points drawn according to gaps identified.</li> <li>➤ Conducted a quality check of the available coveralls in the Mubende ETU and resolved on using the one that is user friendly and of the recommended quality.</li> </ul>   |
| <i>WASH</i>   | <ul style="list-style-type: none"> <li>➤ Conducted a rapid assessment for Kyegegwa IPC requirements</li> <li>➤ Installation of water tanks in Madudu HCIII</li> <li>➤ Handwashing facilities provided in Kibuuba village for the community and in three schools.</li> </ul>   |
| <i>Risk Communication &amp; Public Awareness</i>        | <ul style="list-style-type: none"> <li>➤ Two radio talk shows conducted in Kassanda and Kagadi.</li> <li>➤ A total of 44 radio spots messages continue to be aired through five radio stations in Mubende; 29 in Kassanda, 29 in Kagadi and Kakumiro and 12 in Buyangabu.</li> <li>➤ Up to 120 IEC posters disseminated in Mpefu sub-county in Kagadi, 60 in Kyegegwa and 146 in Bunyangabu.</li> </ul>   |
| <i>Social Mobilisation &amp; Stakeholder Engagement</i> | <ul style="list-style-type: none"> <li>➤ Community volunteers and VHTs conducted house to house mobilization and sensitization in five districts where 937 households were visited and reached 13,215 (11,774 males, 4,774 females) with EVD prevention messages.</li> <li>➤ RCCE team engaged residents of Rutooma village, Mpefu sub-county in Kagadi district on the prevention of EVD and reached 38 people (27Males, 9 Females).</li> <li>➤ A total of 3,716 (1,648 males, 2,068 females) pupils and 39 males, 22 females) teachers reached with EVD messages in districts of Bunyangabu and Mubende.</li> <li>➤ Nine police officers (6 males &amp; 3 females) in Rwimi reached with EVD messages in Bunyangabu.</li> <li>➤ One community meeting conducted in Kasule sub-county in Kyegegwa together with RDC, LCV chairperson and RCCE team where 250 (117 females, 93 males and 40 children were sensitized on EVD.</li> <li>➤ Community engagement meeting with community of Kibuuba village in Kyegegwa where 117 females, 93 males and 40 children were engaged.</li> </ul> |
| <i>Social Listening &amp; Evidence Generation</i>       | <ul style="list-style-type: none"> <li>➤ MoH national Call Centre handled 366 incoming calls related to Ebola of which 215 were viable and were responded to. U-Report received 120 messages on Ebola.</li> <li>➤ Kassanda got information about people displaced from a forest reserve in Kiboga and settled itself in Rwenyange but have relatives in Kikandwa and Karwana frequent these areas to collect food. They do not believe that there is Ebola.</li> </ul>  |
| <i>Mental Health &amp; Psychosocial Social Support</i>  | <ul style="list-style-type: none"> <li>➤ Family members are continually updated about status of their loved-ones in the ETUs</li> <li>➤ Supportive counseling offered to six confirmed clients at Mubende ETU and four suspected clients at Madudu ETU</li> <li>➤ Psychosocial education conducted in Mukondo and Itambabiniga zones of Kyegegwa, reaching 174 refugees; 1,896 persons in Kyaka 2 were sensitized on EVD prevention</li> <li>➤ Eight discharged survivors and 13 clients discharged from the Mubende ETU annex escorted back home after community engagement; 13 clients from emergency ward re-united with families.</li> </ul>  |

### Key messages to the public

- People in the community should call an alert hotline or go to a health facility if they have symptoms (e.g., fever, headache, weakness, vomiting, bloody diarrhoea or urine, bleeding from body openings).
- Current hotline numbers for Mubende are: **0800200043 (Toll-free), 0762640374, 0762640379, 0708062203, 0702869375, 0708052008, 0762659215 (Not toll-free)**. For Kampala Metropolitan Area: **0800 299000 (toll-free), 0756979282, 0782160174, 0780384997, 0771414202 (non-toll free)**. Bunyangabu: **0787437139**
- Free alert SMS on **6767** starting with the ‘ALERT’ key word; Free alert SMS to U-report on 8500
- Community should not fear people who have been discharged from the ETU and returned home.