

EVENT BASED SURVEILLANCE IN UGANDA – Current Status

Issa Makumbi – MoH PHEOC Manager, Uganda

EBS PRESENTATION-UGANDA

EBS in Uganda – Current Status

- One of the tools for **EWAR**

EBS Tools used in Uganda

- Current Gaps / Needs

EBS in Uganda - Current Status

- EBS in Uganda is mainly performed at the MoH PHEOC
 - This is performed alongside the other duties
- Draft EBS SOP is available at the PHEOC based on:
 - Annex has - List of Priority diseases and SMEs

EBS Tools in Uganda

Unstructured reports from the community

- eIDSR
- U-report
- mTrac anonymous reports

Internet-based Scanning

- TweetDeck
- Google Alerts set up to the PHEOC email
- Traditional Internet scanning using ProMed, HealthMap, WHO Bulletin, GPHIN, etc.
- Alerts from WhatsApp and email surveillance groups

Phones calls

- MoH Call centre and PHEOC toll-free lines
- Direct Phone calls to MoH IES / PHEOC Staff from community / health workers

Other Sources

- Laboratory reports
- Radio and TV listings
- Personal Walkins to the PHEOC

Unstructured reports from the community: eIDSR

- A **home-grown system**, based on the DHIS2 architecture. eIDRS is our electronic surveillance system.
- Among other functions, it **enables community and health workers send unstructured alerts** using the 6767 short code on their phones
- Alerts are **received at national level** by a few selected staff, who then triage, **validate and decide on the necessary course of action according SOP**



alert

To




256787149635 2019-11-01

Alert suspected VHF, a 35 year old male from Palorinya refugee settlement, Obongi district presenting with nose bleeding, coughing blood and fever came


Unstructured reports from the community: U-Report

- A UNICEF-supported system, spread out to **community volunteers** including VHTs **and health workers**
- Volunteers **use phones** to text a range of health issues, **including surveillance / suspect outbreak/threats**.



Outbreaks


View Label

 Messages



Inbox ▾









- Emergencies (1051)
- Emergency All (20741)
- Immunisation (59992)
- Outbreaks (12024)
- URCS - Fighting (1303)
- URCS - Outbreaks (13062)
- URCS - Refugees (698)
- URCS - WASH(Weather) (6863)
- WASH (9054)

Flagged



Select ▾

<input type="checkbox"/>		 1B97D4	<input type="button" value="Flow"/>	<input type="button" value="TMCg"/>	<input type="button" value="Immunisation"/>	<input type="button" value="Elections"/>	<input type="button" value="Emergency All"/>	<input type="button" value="URCS - Outbreaks"/>	Hi, did u know that Ministry of Health is conducting a National Measles-Rubella & Polio Immunization Campaign frm Wed 16 to Sun 20 October 2019? Reply YES or NO	11:07
<input type="checkbox"/>		 E8F51A	<input type="button" value="Flow"/>	<input type="button" value="Emergency All"/>	<input type="button" value="URCS - Outbreaks"/>	<input type="button" value="Mildmay KYC"/>	<input type="button" value="Mildmay KYC"/>	I would want 2 know the signs ov ebola	07:20	
<input type="checkbox"/>		 05DF6A	<input type="button" value="Flow"/>	<input type="button" value="Emergency All"/>	<input type="button" value="URCS - Outbreaks"/>	<input type="button" value="Mildmay KYC"/>	<input type="button" value="Mildmay KYC"/>	How much distance is from kisoro to where ebola is now in drc.	Nov 3	
<input type="checkbox"/>		 3C4030	<input type="button" value="Flow"/>	<input type="button" value="Emergency All"/>	<input type="button" value="URCS - Outbreaks"/>	<input type="button" value="Mildmay KYC"/>	<input type="button" value="Mildmay KYC"/>	What is measles @ its causes	Nov 3	

Unstructured reports from the community: mTrac

- A UNICEF-supported system, primarily focusing on Indicator Based Surveillance (IBS)
- Has a component for **community members** to report about a range of health-based matters, **including surveillance / suspected outbreaks**.

Anonymous Report Details

Facility	missing
District	missing
Date	July 18, 2019
Reports	>>Kashenshero T/C Mitooma District. The is a man Sputing Blood Since last Night & they v'e just Put him In a small Clinic!
Topic	Unknown
Action	Open
Action Center	
Comments	No comments
...	

Online Scanning: TweetDeck

- This is a **customization** of the MoH PHEOC **twitter account** using the tweetdeck application.
- Helps to pick out **alerts** based on **suspect outbreaks**
- **Dashboard** available at the PHEOC



Online Scanning: Google Alert

- This is a **customization** of the MoH PHEOC **GMAIL account** using the google alert feature.
- Helps to pick out **alerts** based on **set key words**
- Sends a daily report to the MoH PHEOC gmail account

Burundi Outbreak

NEWS

[UN: More than 7 million malaria cases in **Burundi outbreak**](#)

Associated Press

LONDON (AP) — The World Health Organization says more than 7 million cases of malaria have been reported in **Burundi** this year. Officials blame ...



Flag as irrelevant

[World Digest: Oct. 30, 2019](#)

Washington Post

7 million malaria cases recorded in **Burundi outbreak**: The World Health Organization said that more than 7 million cases of malaria have been ...



Flag as irrelevant

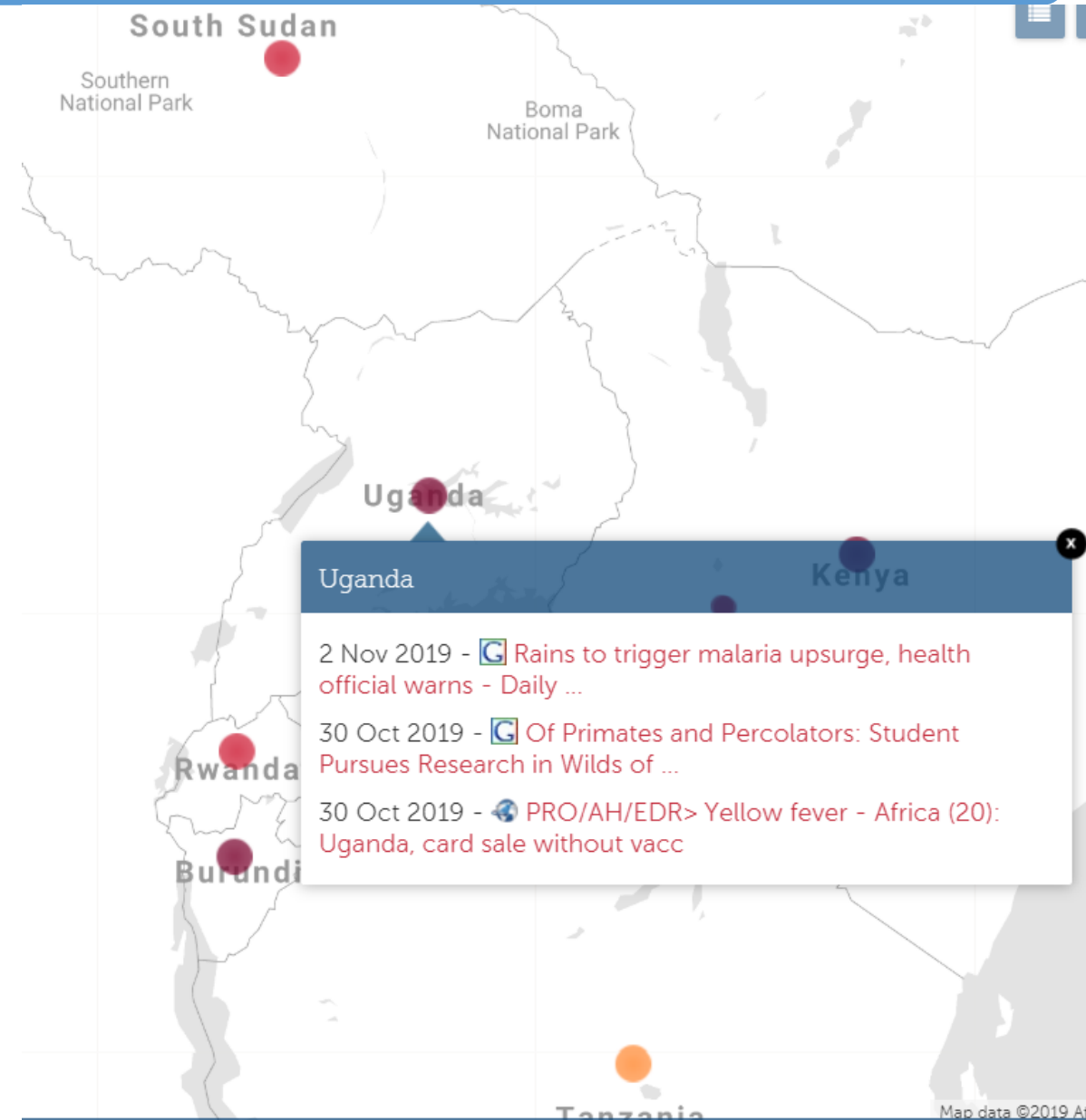
[WHO Confirms Malaria **Outbreak** in **Burundi** with about 1.5 Lakh Scenarios](#)

assume tech (satire) (press release) (blog)

The instances of malaria in the Republic of **Burundi** are on a constant increase with higher incidents of conditions currently being reported, the Planet ...

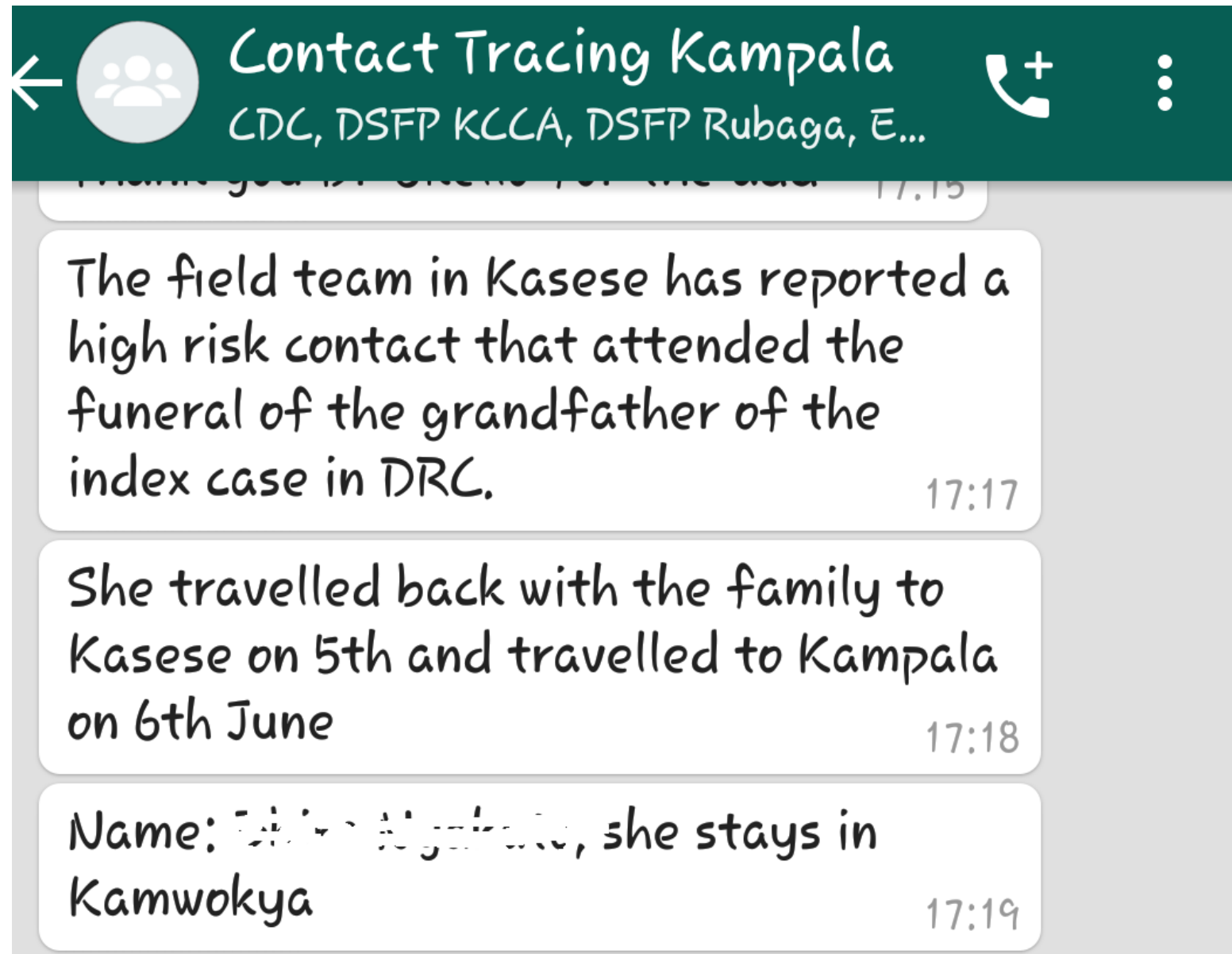
Online Scanning: ProMed, HealthMap, WHO Bulletin, etc

- MoH PHEOC as login access to **GPHIN** and **ProMed**
- **Health Map** and **WHO Outbreaks bulletin** are also scanned regularly



Online Scanning: Professional Social Networks

- All MoH Surveillance staff are part of **health-based social networks** for surveillance
- Tools include **WhatsApp groups**, **email groups**, among others.



Phone Calls

- EBS signals also come through phone calls
- The MoH PHEOC Toll Free: **0800 203033**
The MoH Call Centre: **0800 100066**
- Sometimes **health workers** call surveillance officials at the national level **directly on their private cell-phone** contacts



Other EBS Sources

- **Laboratory Reports**
 - All regional and national laboratories are linked to the PHEOC.
- Listening to **Radios, watching Television**
- **Individual Walk-ins / Call-ins** from Subject Matter Experts and partners in community-based surveillance

EBS in Uganda – Current Challenges/ Gaps / Needs

- Sources of information are overwhelming listed 40 sources (?Prioritize) ,some repeat same message
- Need to formally **establish an EBS Unit at the MoH PHEOC**
 - We need to recruit staff for EBS -- **in process**
 - We also need tools) to formalize the EBS outputs (**Update EBS SOP**)
- Need to conduct the **Text-to-speech** for **radio and/or TV Scanning** for surveillance signals --- A green light from WHO country office
- Build one EBS system **for OH platform** (substantive support required)
- Become **linked to the EIOS** tool
 - The Ministry has committed in writing to participate in pilot project.

THANKS