



MINISTRY OF HEALTH

THE WEEKLY EPIDEMIOLOGICAL BULLETIN

WEEK 03: 13th-19th Jan 2020

Dear Reader,

We are pleased to share our 3rd weekly epidemiological bulletin for the year 2020.

This epidemiological bulletin serves to inform all stakeholders at district, national, and global levels on disease trends, public health surveillance and interventions undertaken in detecting, preventing and responding to public health events in the country on a weekly basis.

In this issue, we bring you the following among others

- ◆ National and district weekly surveillance reporting
- ◆ Suspected epidemic prone diseases.
- ◆ Ongoing (current) public health events (page 1)
- ◆ Regional reporting rates
- ◆ Public health events in border countries

For comments please contact: Dr. Allan Muruta, Commissioner, Department of Integrated Epidemiology, Surveillance and Public Health Emergencies - MoH; P.O BOX 7272 Kampala, Tel: 080010066 (toll free); Email: esd@health.go.ug or esdugandazz@gmail.com

Current public health threats as of 2nd Feb 2020

EVD

EVD preparedness activities in high risk districts are intensified

- Active case search
- Contact tracing across the border
- Screening at points of entry
- EVD surveillance mentorship in community and health facilities

RVF outbreak in Ntoroko District

- Laboratory investigations in domestic animals are ongoing

nCoronal Viral Disease

- No case has been reported in Uganda
- The national Task force has been activated to enhance preparedness against nCoronal virus

Measles in Lamwo, Kole and Isingiro Districts

- 10 samples tested positive for Measles IgM in Lamwo (5) Kole (3) and Nakaseke (5)

Rubella in Nakaseke District

- 5 samples tested positive on 10th Jan 2020

TB in Karamoja and Lango sub-regions

- TB has been declared as a national emergency
- Most affected areas are Lango and Karamoja sub-regions

Yellow fever in Moyo and Buliisa Districts

- 4 cases were confirmed in Moyo and 2 in Buliisa Districts
- Yellow fever was declared a national emergency
- Investigations are still on going

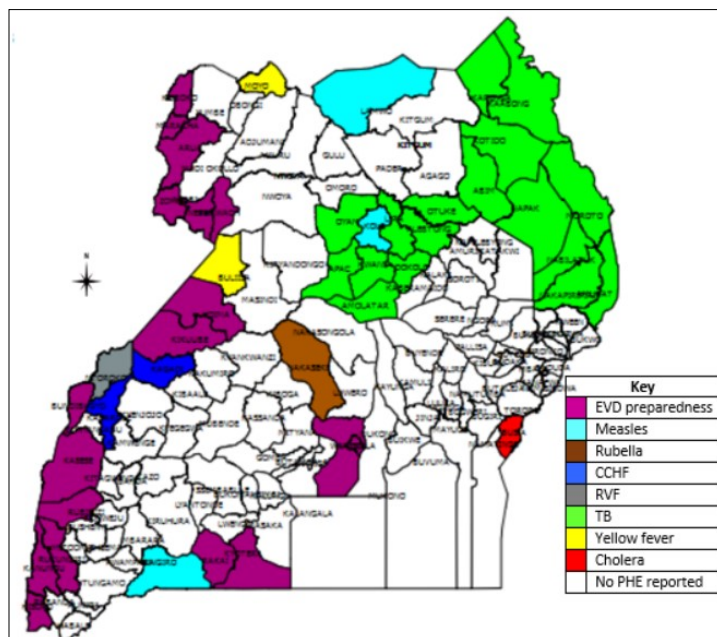
CCHF in Kagadi

- 1 confirmed person is still isolated and treated at Kagadi General Hospital
- Lumber jack that had been working in different villages in Mpeefu, Kyaterekeru and Bwikara prior to onset of illness

Cholera in Busia

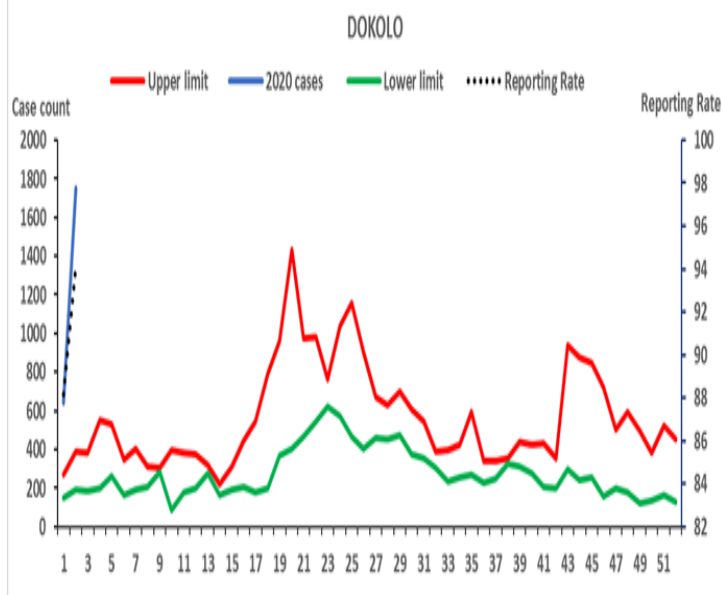
- 1 confirmed and 5 suspected cases in Busia
(Refer to map on page 1)

Fig 1: Ongoing public Health Events



Data source: PHEOC

Fig 2: Malaria Normal Channel for Dokolo District



Data source: DHIS2

Priority diseases (Suspected)

The data shows high number of typhoid, measles, Malaria, dysentery, SARI and animal bites in different parts of the country.

Table 1: Case Fatality Rate of Priority Diseases, week 03

Conditions	Cases	Deaths	CFR (%)
AFP	10	0	0.0
AEFIs	0	0	0.0
Animal bites	201	0	0.0
Bacterial Meningitis	1	1	0.0
Cholera	5	0	0.0
Dysentery	318	0	0.0
Guinea Worm	0	0	0.0
Malaria	39145	24	0.1
Presumptive MDR-TB	8	0	0.0
Measles	70	0	0.0
NNT	1	0	0.0
Plague	0	0	0.0
Other Suspected	0	0	0.0
VHFs	0	0	0.0
SARI	198	0	0.0
Typhoid fever	1024	0	0.0
Yellow fever	2	0	0.0

Severe Acute Respiratory Infection (SARI), Viral Haemorrhagic Fevers (VHF)

Data source: DHIS2

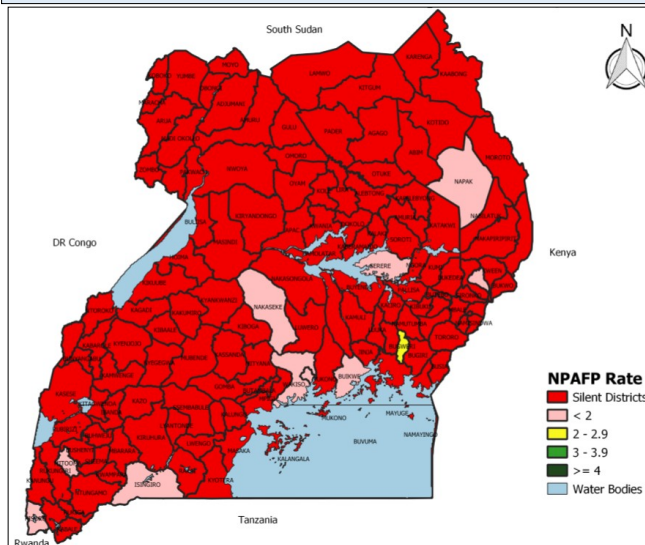
Measles (Confirmed cases)

- Nine (9) districts have detected and investigated at least one suspected measles case
- They include; Agago, Alebtong, Bugiri, Hoima, Isingiro, Lamwo Moroto, Nakaseke and Serere

AFP:

- 10 AFP cases were investigated during week 03 from; Bugweri 2, Buikwe 1, Isingiro 2, Kampala 1, Kisoro 1, Mitooma 1, Napak 1 and Serere 1 (fig 4)
- The Non-polio AFP rate is 0.06/100,000 children 0 - 14 years compared with 0.09/100,000 children 0 -14 years in 2019 (Fig 3).
- The adequate samples collection rate is 100% compared with 100% in 2019

Fig 3: Non Polio AFP rate week 03, 2020



Data source: EPI lab

Maternal and Perinatal deaths:

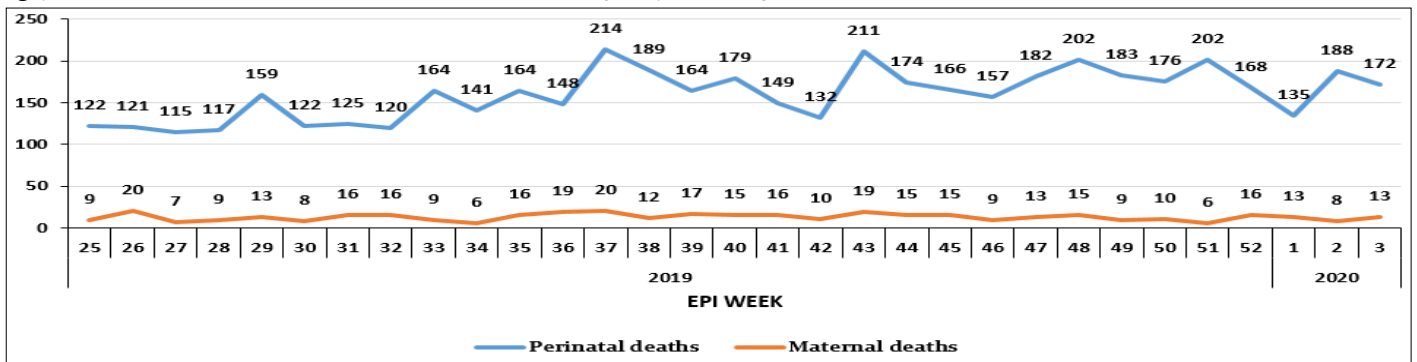
There were 13 maternal deaths and 172 perinatal deaths in week 03 as summarised in table 2.

Table 2: Distribution of maternal deaths (n=13) and perinatal deaths (n=172 , week 03)

District	Healthy facility that reported Maternal deaths	No. of maternal deaths	Perinatal deaths top districts
Kampala	Kawempe Hospital	1	68
Kamuli	Kamuli Hospital	2	0
Hoima	Hoima RRH	1	4
Bushenyi	KIU teaching Hosp	1	1
Kabale	Kabale RRH	1	1
Kisoro	Kisoro Hospital	1	3
Masindi	Masindi Hosp	1	0
Moroto	Moroto RRH	1	1
Namusindwa	Magale HC IV	1	0
Mpigi	Nkozi Hosp	1	1
Masaka	Masaka RRH	1	7
Kamwenge	Rwamwanja	0	9
Soroti		1	0
Lira		0	8
Mubende		0	8
Kasese		0	6
Mbale		0	9
Other Districts		0	50
Total		13	172

Data source: DHIS2

Fig 4: Trends of maternal and neonatal deaths, week 25 2019 -week 03 2020

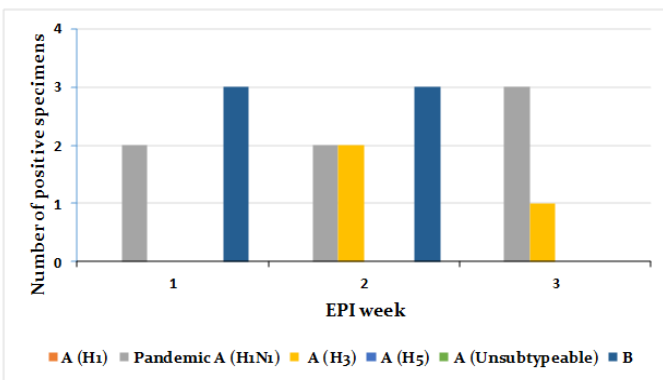


Data source: DHIS2

Human Influenza surveillance

During Epi week 3, a total of 40 samples were collected and tested for various Human Influenza sub types. 4 samples tested positive for; A (H1)(o), Pandemic A (H1N1) (3), A (H3) (1), A(H5)(o), and B (o). Cumulatively 15 samples tested positive since the beginning of the year as shown in figure 5

Fig 5: Distribution of human influenza subtypes, week 03 2020 (n=15)



Data source: Makerere University Walter Reed Project

Reporting Rates

Fig 6: Comparison of reporting rates by region, week 03, 2020

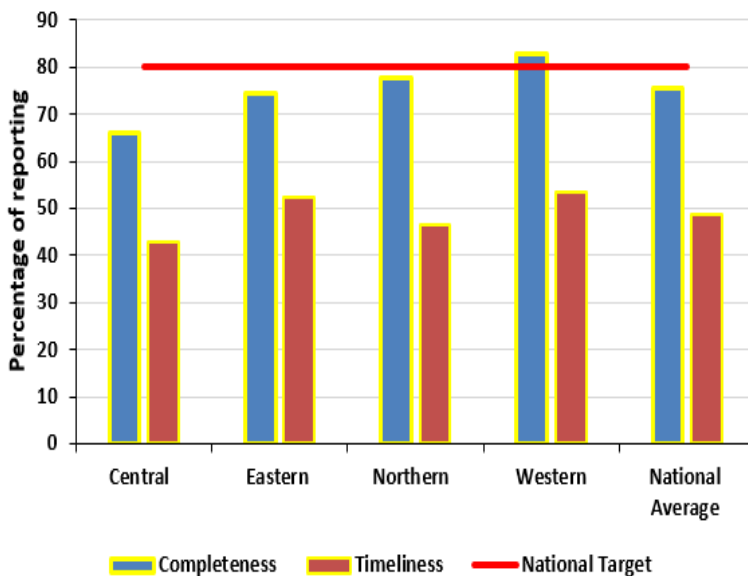
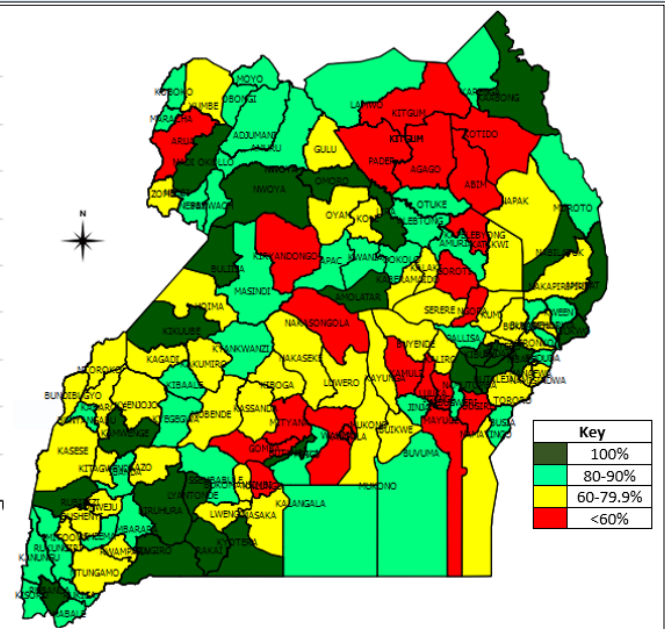


Table 3: Public health events across the countries bordering Uganda, as of 19th Jan 2020

Country	Condition	No. of cases	No. of deaths	Grading
S. Sudan	Measles	4414	23	Ungraded
	Hepatitis E	137	2	Ungraded
DRC	EVD	3412	2237	G3
	Poliomyelitis (cVDPV2)	84	0	G2
	Measles	31650	6102	G2
	Monkey pox	5117	104	N/A
	Cholera	29,087	501	G3
	Plague	51	8	Ungraded
Rwanda	-	-	-	Closed
Kenya	Cholera	5150	39	Ungraded
	Measles	510	1	Ungraded
	Leishmaniasis	2879	34	Ungraded
Tanzania	-	-	-	No update

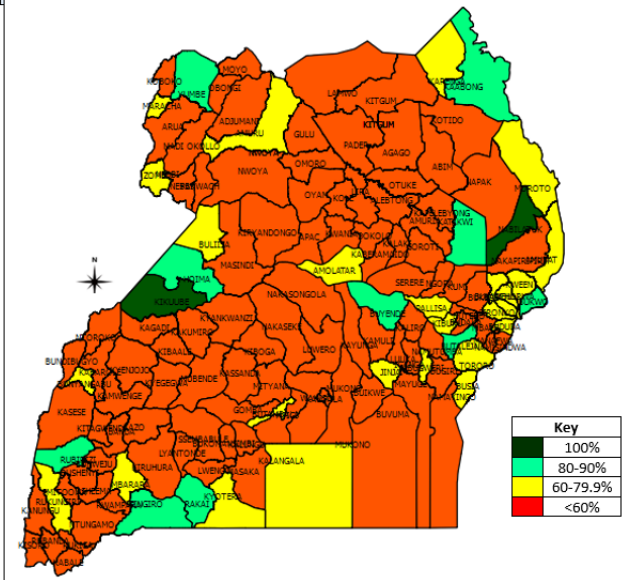
Fig 7: Completeness of reporting, week 03, 2020



Data source: DHIS2

- About 50% of reports were submitted on time to the national level
- National average reporting was below the target of 80%
- Central and Eastern regions have consistently had poor reporting rates below the national target

Fig 8; Timeliness in reporting, week 03, 2020

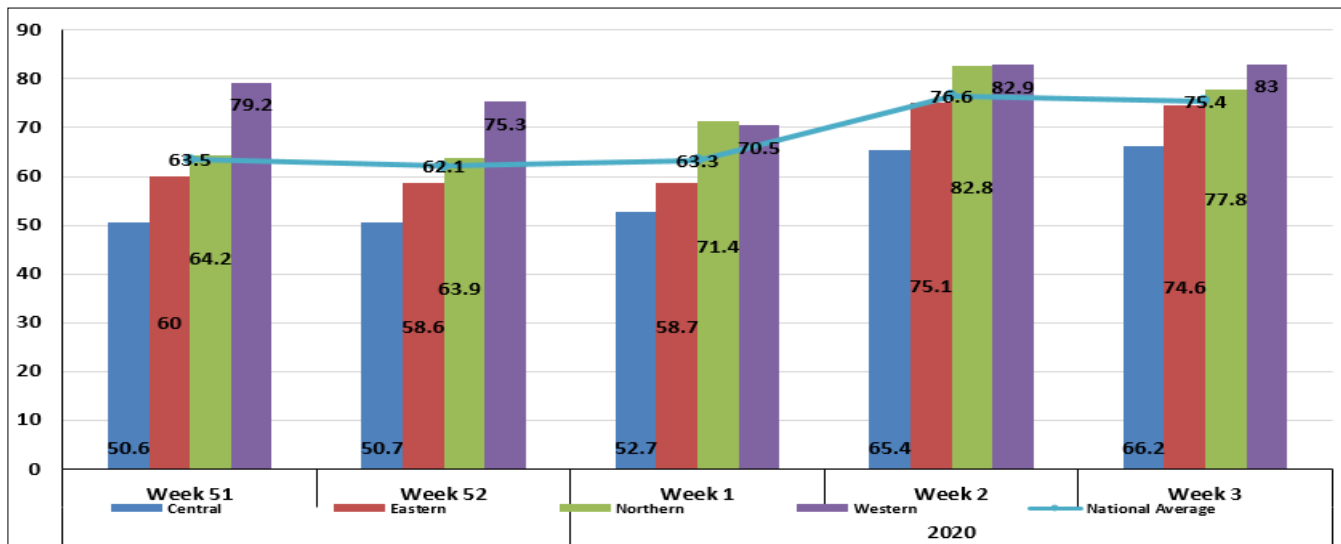


Source: DHIS2

Acknowledgement and Recommendations

- Chief Administrative Officers and District Health Officers (DHOs) should share situation reports of all public health events in their catchment areas.
- DHOs in central and western Busoga region should address the persistently poor reporting rates.
- Implementing Partners supporting surveillance activities in different districts across the country are requested to support improvement of surveillance data quality in their respective districts.
- The Surveillance and Knowledge Management Division is going to start publishing districts that report poor data and are not willing to do verifications.
- UNEPI reminds and encourages all the districts to carry out active search for AFP, NNT, EAFI and measles cases in their health facilities and communities so as to increase the chances of detecting, reporting and investigating of these cases.
- Maternal deaths and perinatal deaths audits should be conducted to address issues surround excessive deaths of mothers and newborns especially for Kampala region.
- Partners are urged to support districts that are currently affected by outbreaks

Annex I: Trends of weekly reporting rates per region over the past five weeks , Epi week 03, 2020



Data source: DHIS2

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Remember, your feedback is important to us.