



# MINISTRY OF HEALTH

## THE WEEKLY EPIDEMIOLOGICAL BULLETIN

### WEEK 47: 16<sup>th</sup>-22<sup>nd</sup> Nov 2020

Dear Reader,

We are pleased to share our 47<sup>th</sup> 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 Uganda on a weekly basis.

#### In this issue, we showcase the following updates

- ◆ Uganda updates on COVID-19
- ◆ Health worker infections amidst COVID-19 response
- ◆ Suspected rabies (dog bites)
- ◆ TB Emergency response updates
- ◆ National suspected epidemic prone diseases
- ◆ Public Health emergencies in neighbor countries
- ◆ National, regional and district weekly surveillance reporting

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#### COVID-19 as of 22<sup>nd</sup> November 2020

Fig 1a: COVID-19 Statistics

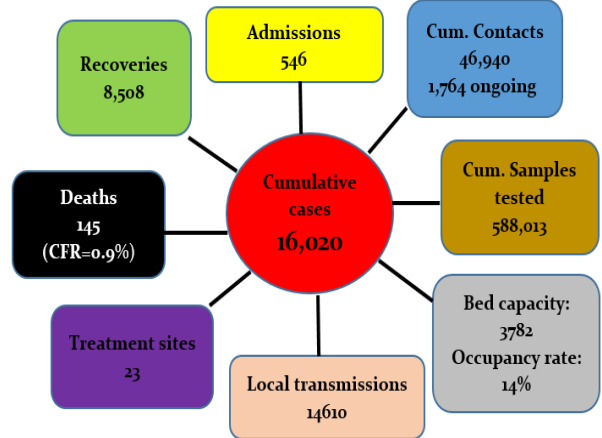


Fig 1b: Districts with local transmission (N=13167)

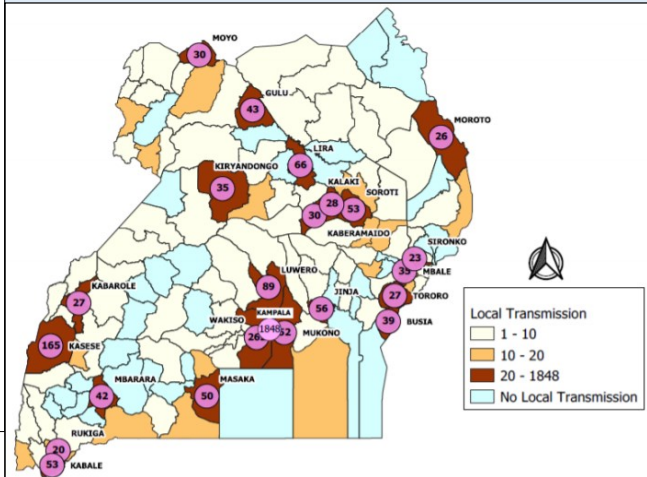
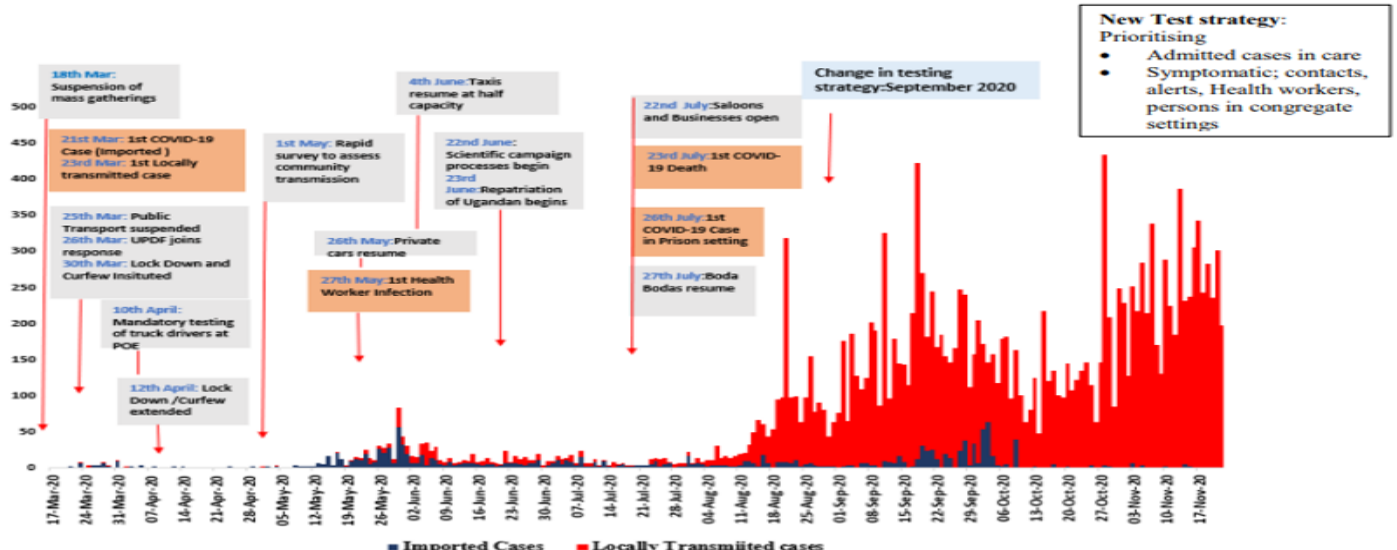


Fig 1c: Epidemic curve of COVID-19 as of 11st Nov 2020 (n=16,020)



Source: COVID-19 Situational Report #277

Source: COVID-19 SitRep#277

Source: COVID-19 SitRep #277

## COVID-19 infections among health workers (n=1065) as 1st November 2020

- The criteria for classifying Health Workers (HW) includes all staff involved in direct and indirect provision of care to patients
- These include; Clinicians, Physicians other Allied Health Professionals and auxiliary health workers such as Cleaner, Drivers, laundry personnel, x-ray physicians among others
- 57% of HW cases registered are males
- **Common factors include;** Congregations in workplaces, Non adherence to PPE, use of communal transport, Prolonged Turn around Time among others

Fig 2a: Distribution of HW infections by district

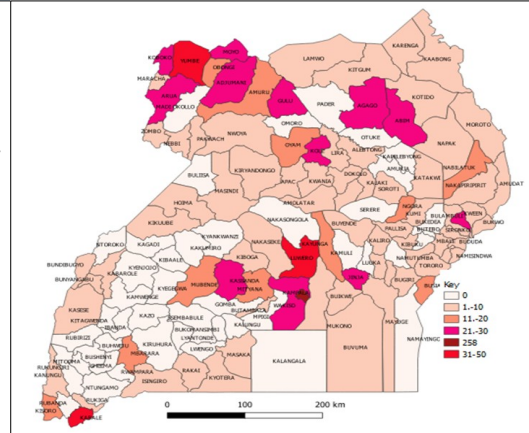
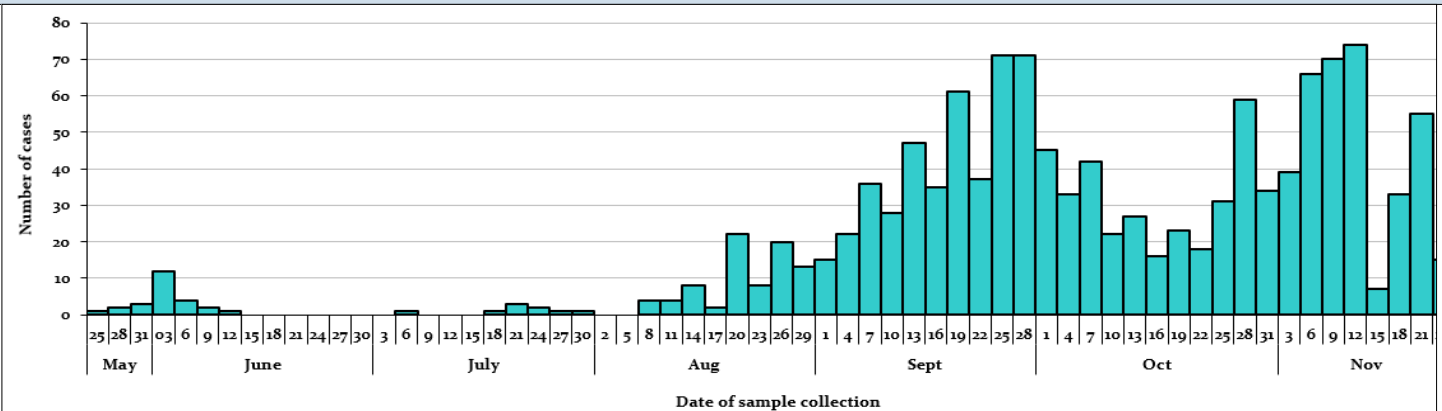


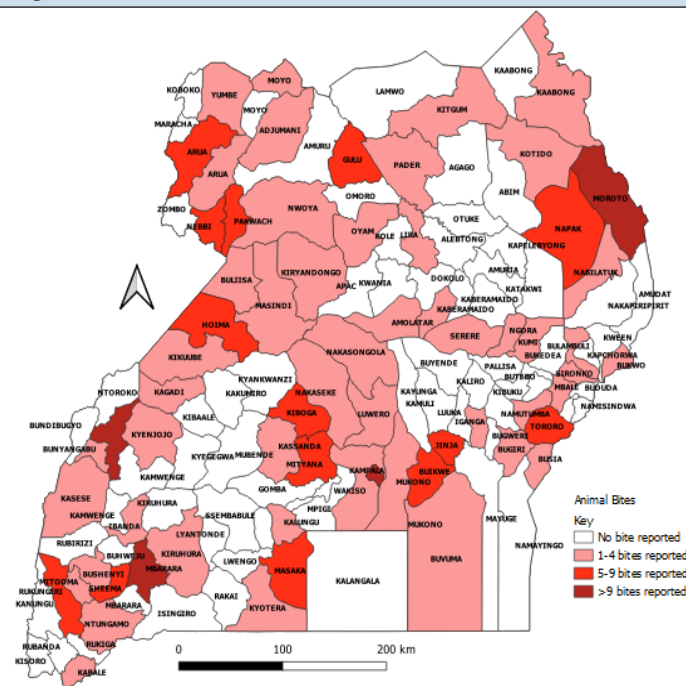
Fig 2b. Distribution of COVID-19 infections among health workers in Uganda by time May-Nov 2020 (n=1232)



## Suspected Rabies (Animal Bites)

- Animal bites reported across the country
- Moroto (18) reported the highest number of bites

Fig 3: Distribution of Animal bites, week 47 (n=271)



## Tuberculosis (TB), week 47

Fig 4a : Fig 4a Statistics Uganda Prison Services (UPS)

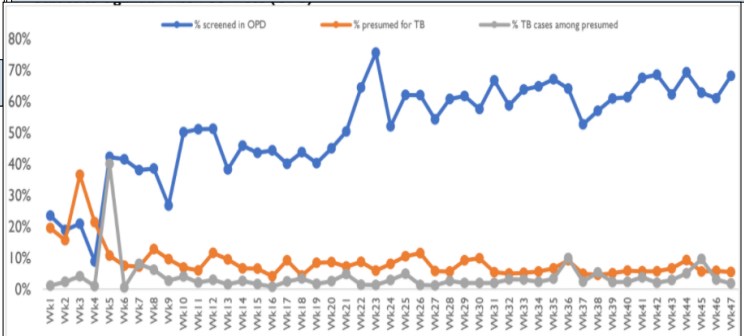
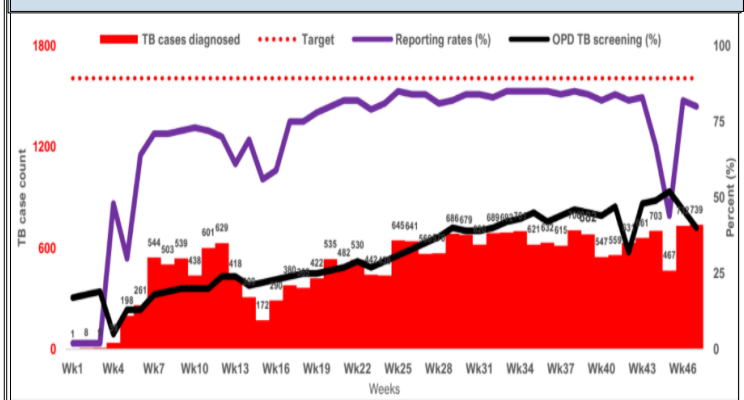


Fig 4b : National TB case finding, week 47



## Priority Diseases

The data presented in table 1 consists of suspected cases. The data shows high numbers of water borne diseases such as; typhoid, Malaria, and cholera, dysentery in different parts of the country.

Tab 1: Suspected Cases of epidemic prone Diseases, wk 47

Conditions	Cases	Deaths	CFR(%)
AFP	7	0	0.0
AEFIs	1	0	0.0
Animal bites	217	0	0.0
Bacterial Meningitis	3	0	0.0
Cholera	0	0	0.0
Guinea Worm	0	0	0.0
Malaria	193350	54	0.03
Hepatitis B	122	0	0.0
Measles	36	0	0.0
NNT	0	0	0.0
Plague	0	0	0.0
Other Suspected VHF	1	0	0.0
SARI	205	0	0.0
Typhoid fever	2021	0	0.0
Yellow fever	0	0	0.0
Anthrax	0	0	0.0
Leprosy	2	0	0.0
RR T.B	1	0	0.0
Brucellosis	98	0	0.0
HAT	0	0	0.0
Influenza (All subtypes)	36		

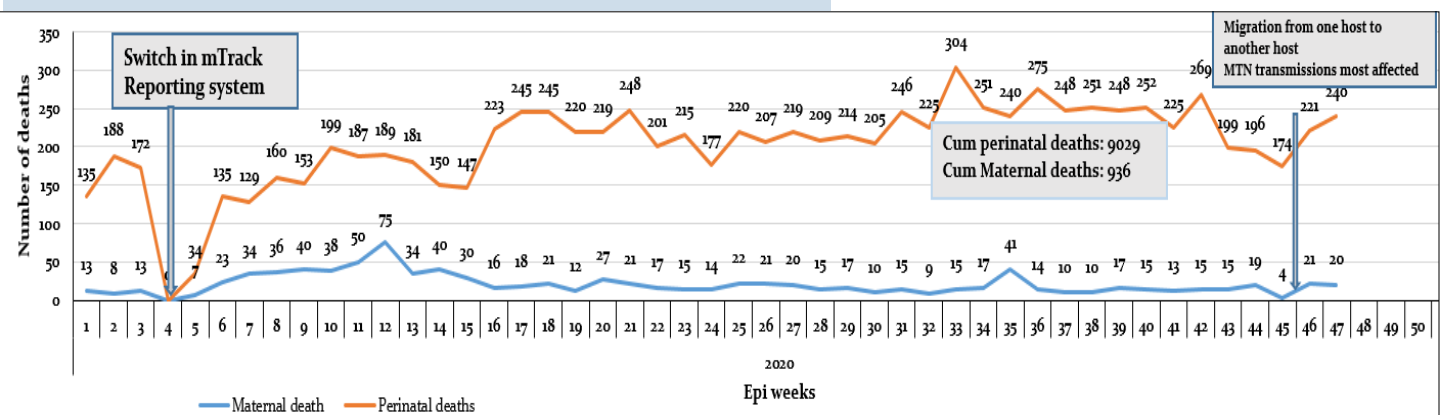
Data source: DHIS2

Severe Acute Respiratory Infection (SARI), Viral Haemorrhagic Fevers (VHF), Neonatal Tetanus (NNT), Tuberculosis (T.B), Acute Flaccid Paralysis (AFP), Adverse Events Following Immunisation (AEFI), Human African Tripanosomiasis (HAT)

## Measles (Confirmed cases)

- Cumulatively, Eighty five (88) districts have detected and investigated at least one suspected measles case.
- 39/88 districts reporting measles cases have had at least one positive IgM case

Fig 6. Trends of maternal and perinatal deaths week 1– 47, 2020



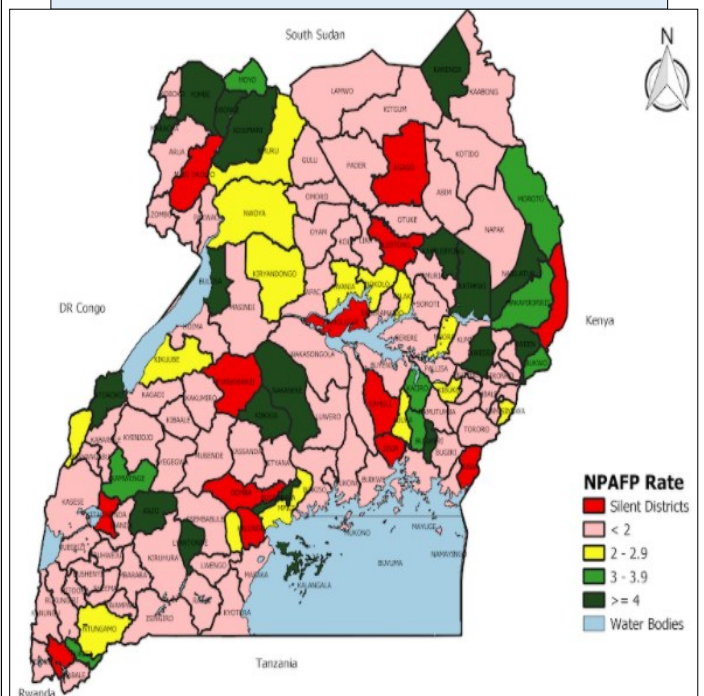
Data source: EPI lab

Data source: DHIS2

## Acute Flaccid Paralysis (AFP) Surveillance

- A total of 7 AFP cases was reported during week 47 compared with 15 cases reported in week 46
- The 7 AFP cases were reported from; Bukedea 1, Isingiro 1, Katakwi 1, Mbarara 1, Ntungamo 1, Pader 1 and Sironko 1.
- The Non-polio AFP rate is 1.65/100,000 children 0 - 14 years compared with 2.64/100,000 children 0 -14 years in 2019
- The adequate samples collection rate is 91.85% compared with 90.64% in 2019
- NPENT rate is 11.91% compared with NPENT rate of 14.90% in 2019
- Pader and Sironko joined the set of districts which have detected and investigated at least one AFP case in year 2020
- Silent districts; Agago, Amudat, Amolatar, Alebtong, Busia, Gomba, Jinja, Kalungu, Kitagwenda, Kamuli, Kyankwanzi, Madi Okollo, and Rubanda

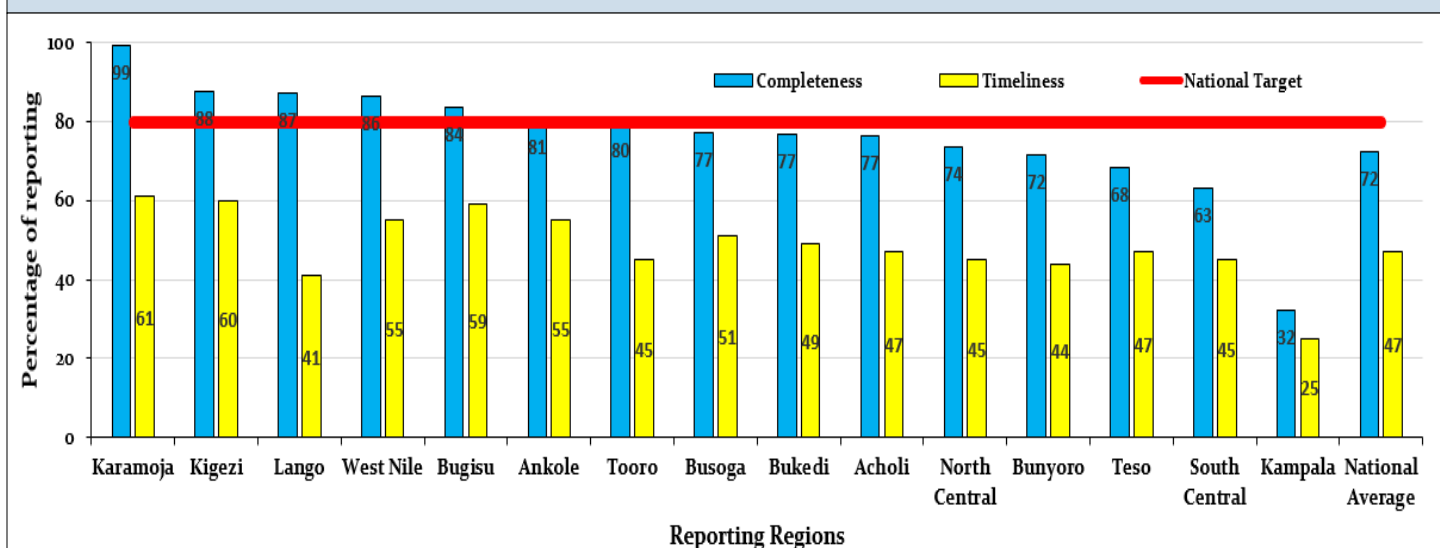
Fig 5: Non polio AFP rates by District, week 47



**Table 2: Distribution of maternal deaths (20) and perinatal deaths (240), week 47**

District	Name of Health facility	Maternal Deaths	District	Macerated Still births	District	Fresh Still Birth -	District	Early Neo-natal deaths 0-7 days -
Kampala	Kawempe NRH	5	Kampala	20	Kampala	15	Kampala	15
Mbarara	Mbarara RRH	2	Iganga	8	Kagadi	6	Masaka	13
Kabarole	Bukuku HC IV	1	Gulu	6	Masaka	5	Gulu	4
	Fortportal RRH	1	Lira	5	Isingiro	4	Kabarole	4
Mayuge	Malongo HC II	1	Kitgum	4	Iganga	4	Hoima	4
Kapchorwa	Kapchworwa Hosp	1	Mbarara	3	Bundibugyo	3	Rukungiri	3
Bududa	Bududa Hosp	1	Masaka	3	Budaka	2	Agago	3
Kyegegwa	Migambi HC III	1	Yumbe	2	Kasese	2	Kamwenge	3
Iganga	Iganga Hosp	1	Bundibugyo	2	Hoima	2	Jinja	3
Kasese	Bwera Hosp	1	Agago	2	Mityana	2	Bugiri	3
Ntungamo	St. Lucia HC III	1	Buliisa	2	Jinja	2	Lira	2
Kagadi	Kagadi Hosp	1	Kalungu	2	Pakwach	1	Bushenyi	2
Mityana	Mityana Hosp	1	Arua	2	Yumbe	1	Kagadi	2
Masaka	Masaka RRH	1	Tororo	2	Kibuku	1	Arua	2
Jinja	Jinja RRH	1	Jinja	2	Kaabong	1	Kyotera	1
			Kyotera	1	Kotido	1	Amudat	1
			Nwoya	1	Mbarara	1	Yumbe	1
			Isingiro	1	Amuria	1	Madi-Okollo	1
<b>Key</b>			Kole	1	Mbale	1	Isingiro	1
	<b>Above Threshold</b>		Others	19	Others	16	Others	13

**Fig 7: Completeness and Timeliness of weekly reporting per region, Epi week 47, 2020**

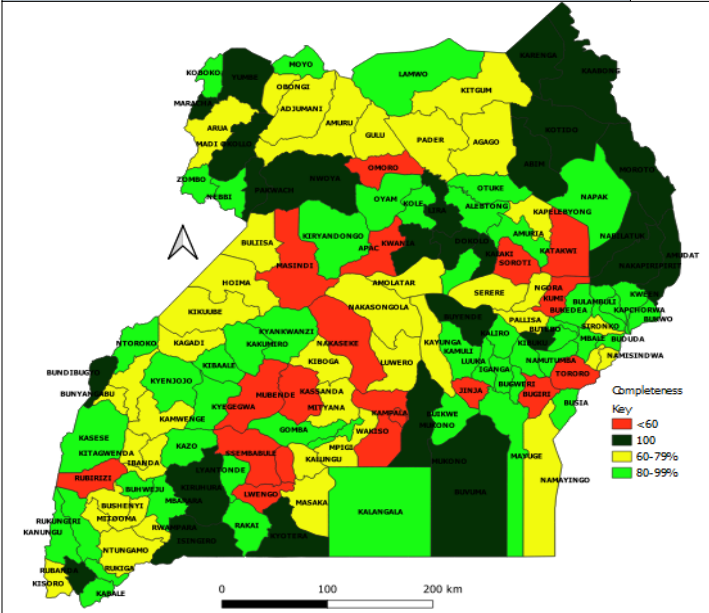


- Seven regions achieved the national target of completeness of reporting with the highest reporting rates recorded in Karamoja (99)
- National average reporting rate remained at 72% in week 47 just like week 46
- Timeliness is still a challenge across the country.
- None of the reporting regions achieved the national target. National average timeliness of reporting was 47%

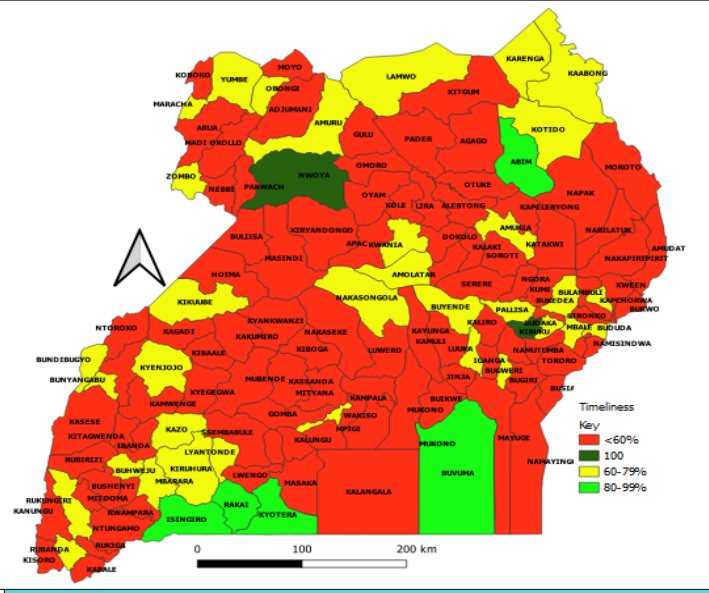
### Completeness and Timeliness of reporting by District

- There is a great improvement in completeness of reporting across all Districts (fig 8a)
- Majority of the districts reported late (fig 8b)

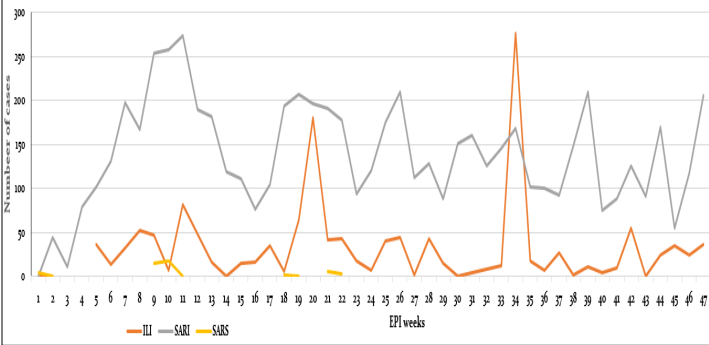
**Fig 8a: Completeness of reporting, week 47, 2020**



**Fig 8b: Timeliness of reporting, week 47, 2020**



**Fig 9: Trends of suspected SARI, ILI and SARS 2020**



### Public health emergencies in neighboring countries (last updated from WHO Afro in week 42)

Country	Condition	No. of Cases	No. of deaths
DRC	Cholera	16043	253
	COVID 19	11051	303
	EVD	128	53
	Measles	70899	1026
	Monkey pox	4594	171
	Plague	124	17
	Poliomyelites	159	0
Kenya	Cholera	711	13
	COVID 19	44881	832
	Leishmania	293	7
	Measles	529	2
Rwanda	COVID 19	4974	34
TZ	COVID 19	509	21
South Sudan	COVID-19	703793	18471
	Hepatitis E	337	2
	Measles	916	2

### Recommendations

- Veterinary officers at all levels are encourage to sensitize communities on how to handle dogs. Owners of dogs should be sensitized to vaccinate their animals
- UNEPI reminds and encourages all the districts to carry out active search for AFP, NNT, EAFI and measles cases .
- Maternal deaths and perinatal deaths audits should be conducted to address these deaths
- MoH is dedicated to providing relevant COVID-19 PPE and therefore encourages all HWs to adhere to SOPs

### Acknowledgement

- MOH acknowledges all efforts made by all districts and health facilities in surveillance activities

### Editorial team :

Allan Muruta, Carol Kyoziira, Godfrey Bwire , David Mwanguzi, Opolot John, Anne Nakinsige, Eldard Mabumba, Benard Lubwama, Leocadia Kwagonza, Harriet Mayinja, Specioza Katusiime, Maureen Nabatanzi, Apolo Ayebale, Freda Aceng, Godfrey Ekuka, Beatrice Chemisto, Turyahabwe Kenneth, Emma Arinaitwe, Job K., Robert Kato, Joyce Nguna, Milton Wetaka, Joshua Kayiwa, Jayne Tusiime.

**Remember, your feedback is important to us.**