



MINISTRY OF HEALTH

THE WEEKLY EPIDEMIOLOGICAL BULLETIN

WEEK 48: 23rd-29th Nov 2020

Dear Reader,

We are pleased to share our 48th 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

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 esduganda22@gmail.com

COVID-19 as of 29th November 2020

Fig 1a: COVID-19 Statistics

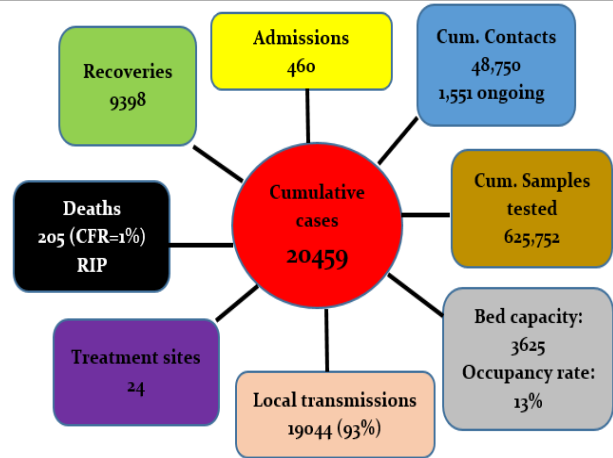


Fig 1b: Districts with recent local transmission (N=19044)

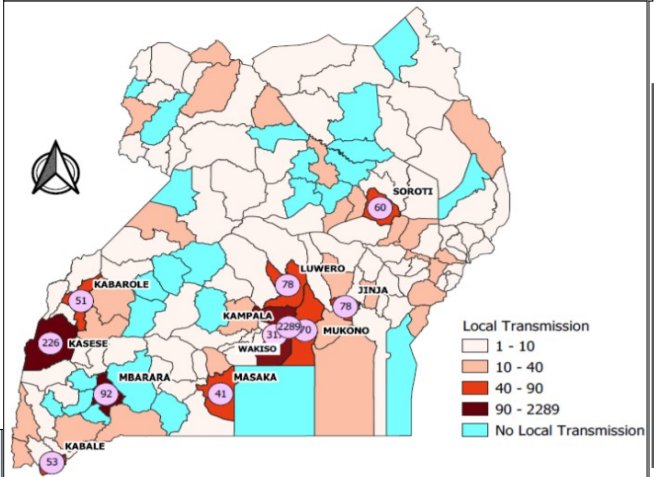
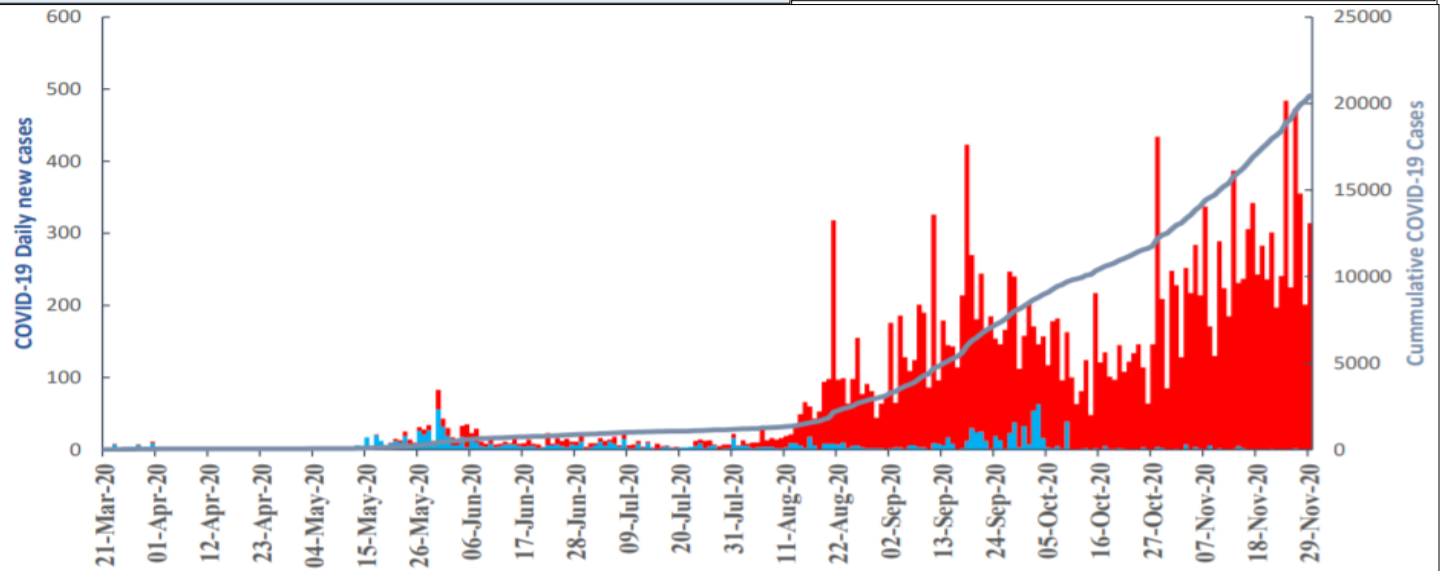


Fig 1c: Epidemic curve of COVID-19 as of 29th Nov 2020 (n=20,459)



Source: COVID-19 Situational Report #284

Source: COVID-19 SitRep#284

Source: COVID-19 SitRep #284

COVID-19 infections among health workers (n=1232) 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

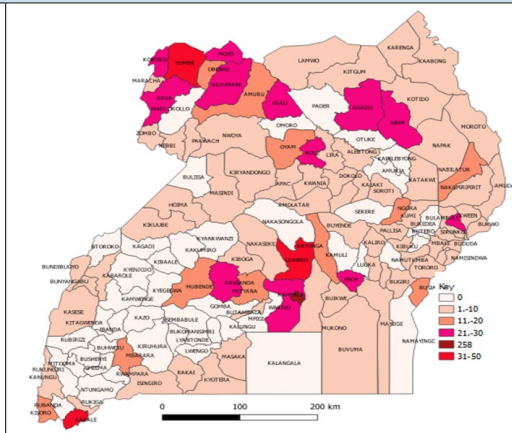
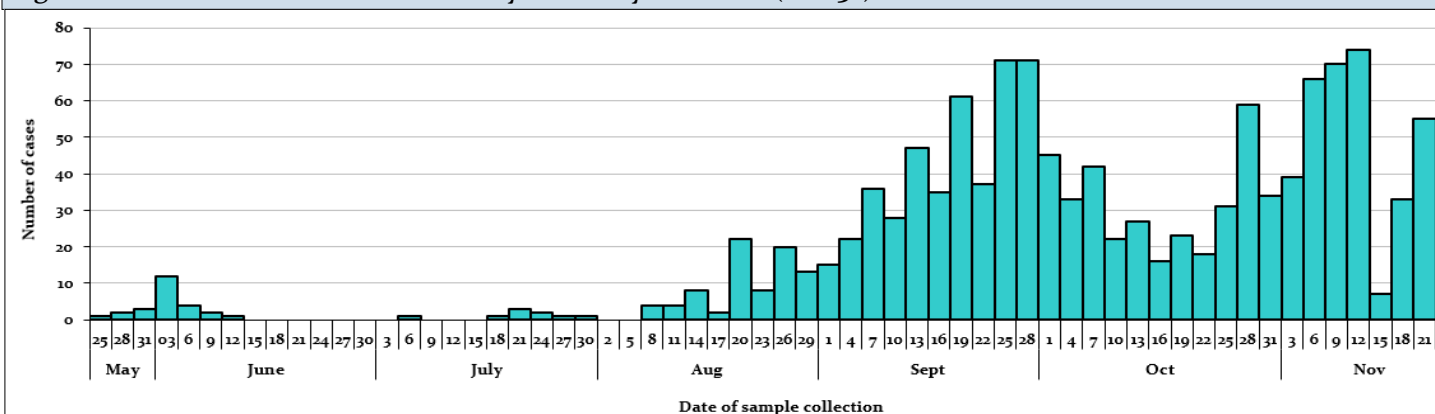


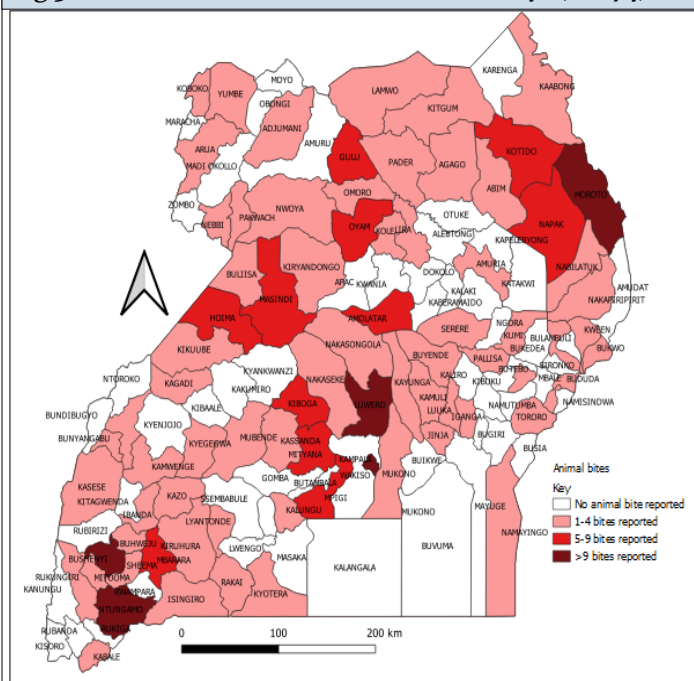
Fig 2b. Distribution of health workers by time May-Nov 2020 (n=1232)



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 48 (n=274)



Tuberculosis (TB), week 48

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

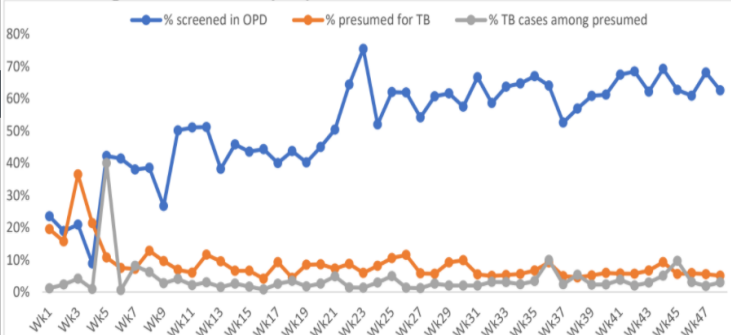
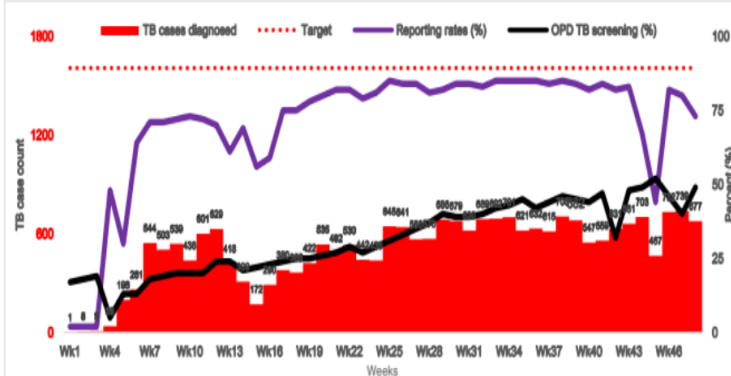


Fig 4b: National TB case finding, week 48



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 48

Conditions	Cases	Deaths	CFR(%)
AFP	2	0	0.0
AEFIs	4	0	0.0
Animal bites	274	0	0.0
Bacterial Meningitis	1	0	0.0
Cholera	5	0	0.0
Guinea Worm	0	0	0.0
Malaria	430,276	54	0.03
Hepatitis B	103	0	0.0
Measles	26	0	0.0
NNT	0	0	0.0
Plague	0	0	0.0
Other Suspected VHF	1	0	0.0
SARI	100	0	0.0
Typhoid fever	1757	0	0.0
Yellow fever	0	0	0.0
Anthrax	0	0	0.0
Leprosy	2	0	0.0
RR T.B	8	0	0.0
Brucellosis	82	0	0.0
HAT	0	0	0.0
Influenza (All subtypes)	28	0	0.0

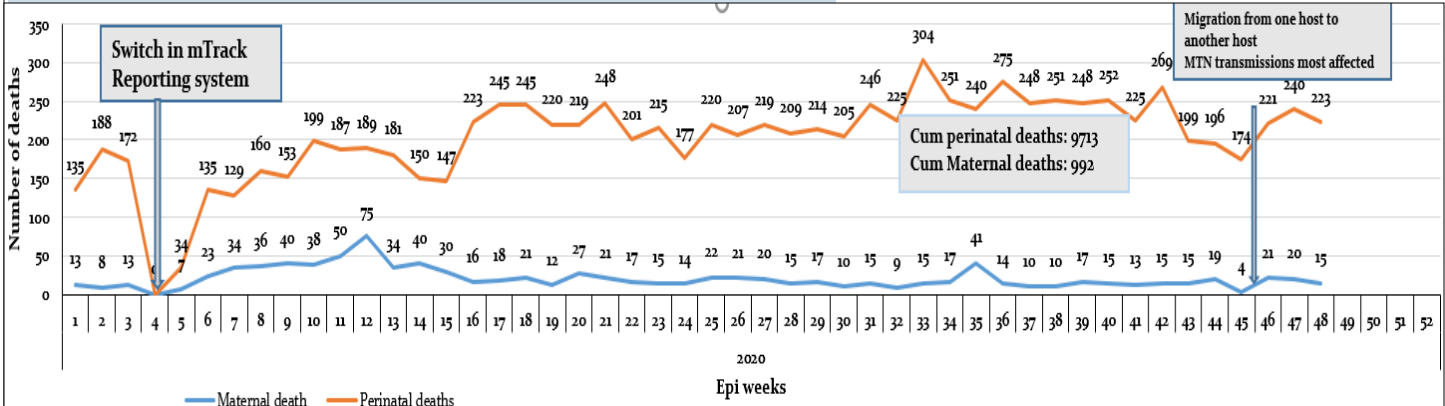
Severe Acute Respiratory Infection (SARI), Viral Haemorrhagic Fevers (VHF), Neonatal Tetanus (NNT), Tuberculosis (T.B), Acute Flaccid Paralysis (AFP), Adverse Events Following Immunisation (AEFI), Human African Trypanosomiasis (HAT)

Data source: DHIS2

Measles (Confirmed cases)

- Cumulatively, Eighty eight (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– 48, 2020



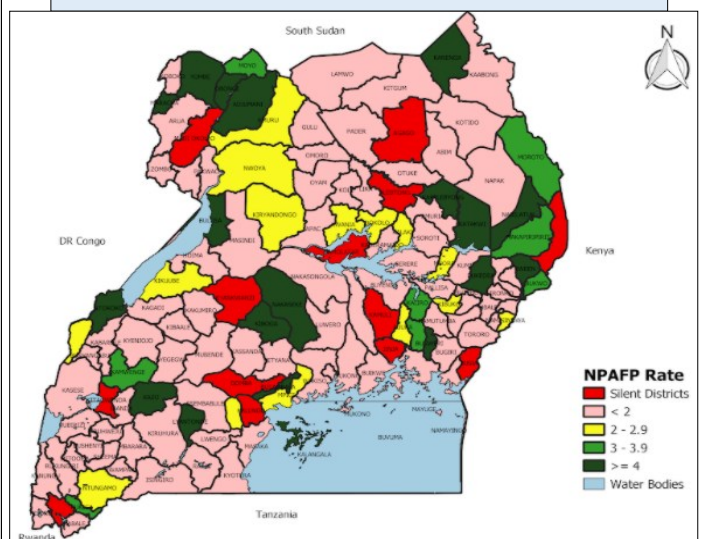
Data source: EPI lab

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

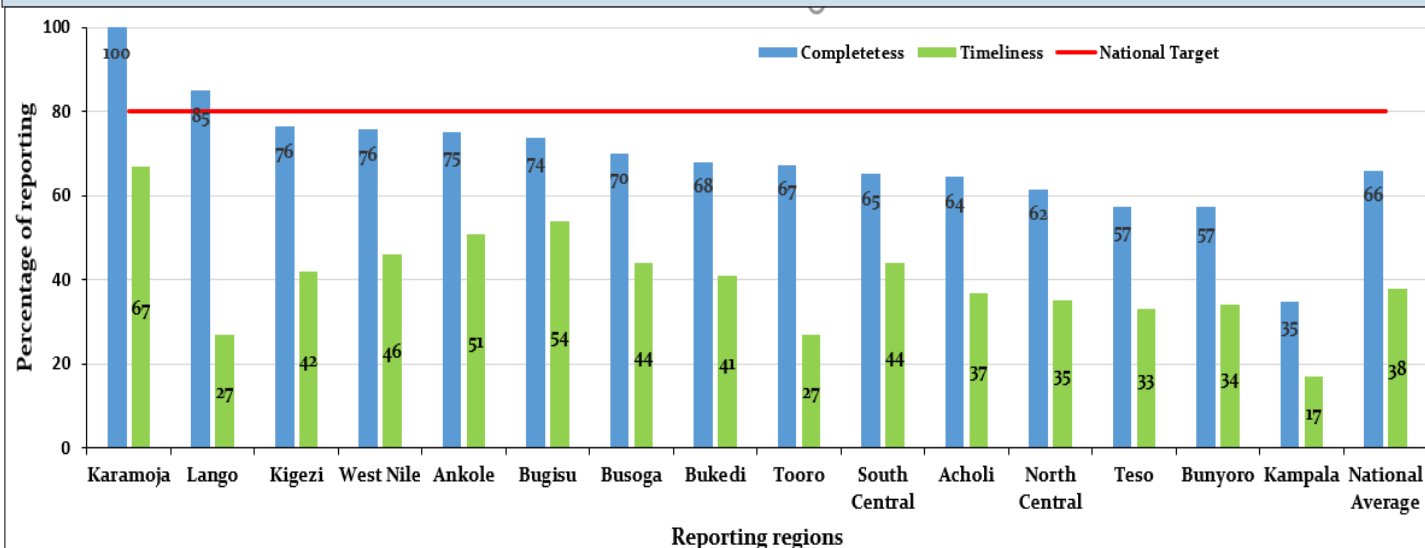


Disclaimer: This section of bulletin has not been updated by the EPI team

Table 2: Distribution of maternal deaths (15) and perinatal deaths (223), week 48

District	Name Health	Maternal death	District	Macerated Still births	District	Fresh Still Births	District	Early Neo-natal deaths 0-7 days
Kampala	Kawempe	5	Kasese	10	Kampala	12	Kampala	22
Gulu	St Mary's Lacor	1	Mpigi	9	Hoima	9	Lira	6
	Gulu RRH	1	Kampala	7	Lira	8	Yumbe	4
Buyende	Kidera HC IV	1	Iganga	5	Oyam	8	Bushenyi	4
Amudat	Amudat Hosp	1	Gulu	4	Iganga	3	Kasese	4
Kaabong	Kaabong	1	Hoima	4	Buliisa	3	Iganga	3
Bushenyi	KIU Ishaka	1	Maracha	2	Kamuli	3	Bundibugyo	3
Rukungiri	Nyakibale Hosp	1	Kwania	2	Mityana	3	Kabarole	3
Kamuli	Kamuli Mission	1	Sheema	2	Kyotera	2	Kitgum	3
Hoima	Hoima RRH	1	Kamuli	2	Bududa	2	Maracha	2
Kabarole	Fort Portal RRH	1	Kabarole	2	Kasese	2	Agago	2
			Arua	2	Luwero	2	Arua	2
			Amudat	1	Arua	2	Rakai	1
			Napak	1	Buyende	1	Isingiro	1
			Rakai	1	Yumbe	1	Busia	1
			Moroto	1	Kibuku	1	Gulu	1
			Busia	1	Kaabong	1	Rukungiri	1
			Kaliro	1	Isingiro	1	Luuka	1
			Mayuge	1	Bundibugyo	1	Kamuli	1
			Others	19	Others	12	Others	4
			Others	19	Others	12	Others	4

Fig 7: Completeness and Timeliness of weekly reporting per region, Epi week 48, 2020



- two regions achieved the national target of completeness of reporting with the highest reporting rates recorded in Karamoja (100) and Lango (85)
- National average reporting rate reduced remained at 66% in week 47 from 72% week 47
- Timeliness is still a challenge across the country.
- None of the reporting regions achieved the national target. National average timeliness of reporting was 38%

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 48, 2020

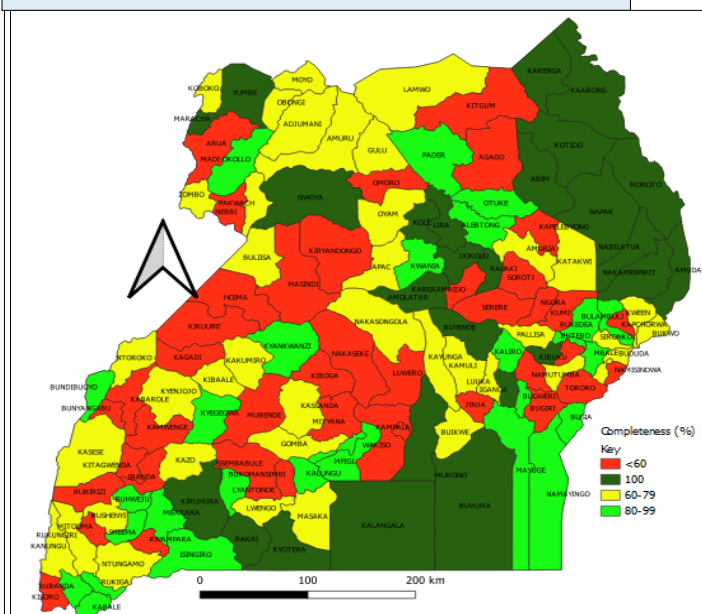


Fig 8b: Timeliness of reporting, week 48, 2020

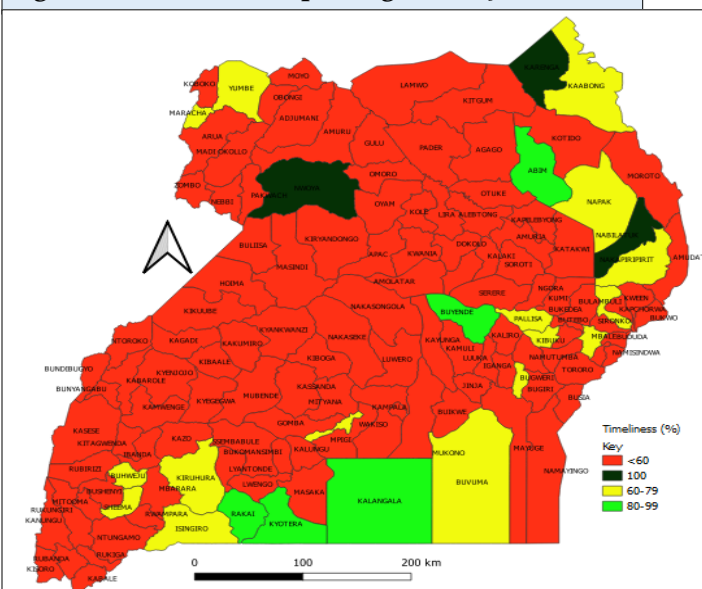
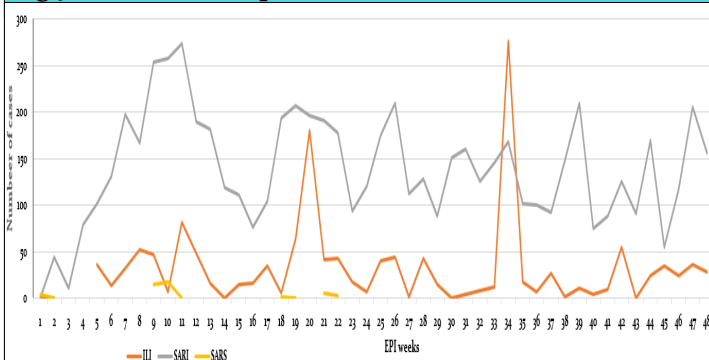


Fig 9: Trends of suspected SARI, ILI and SARS 2020



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
	Poliomyelitis	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.