



MINISTRY OF HEALTH

THE WEEKLY EPIDEMIOLOGICAL BULLETIN

WEEK 52: 21st -27th Dec 2020

Dear Reader,

We are pleased to share our 52nd 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.

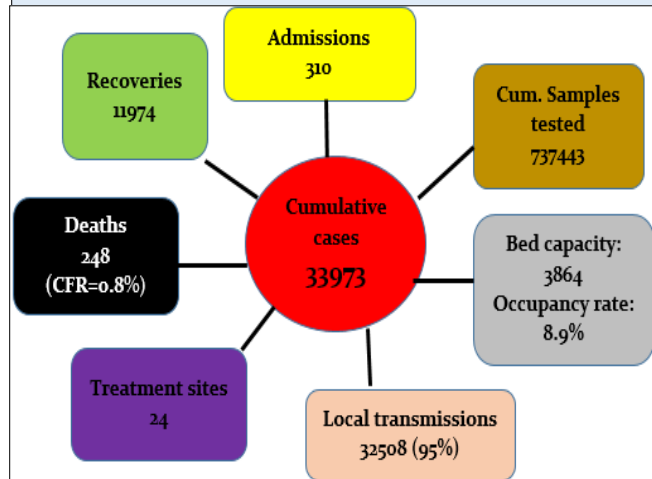
In this issue, we showcase the following updates

- ◆ 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

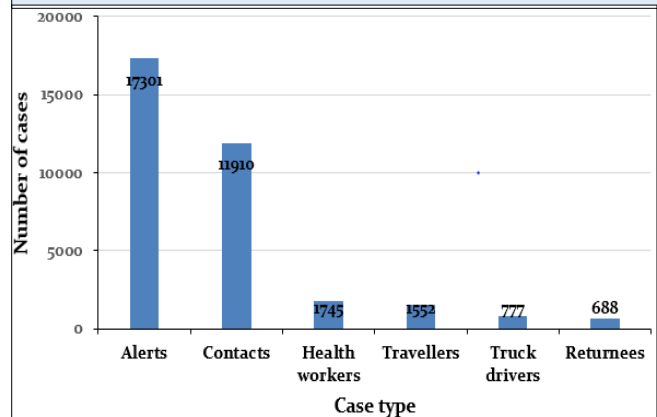
COVID-19 as of 27th December 2020

Fig 1a: COVID-19 Statistics



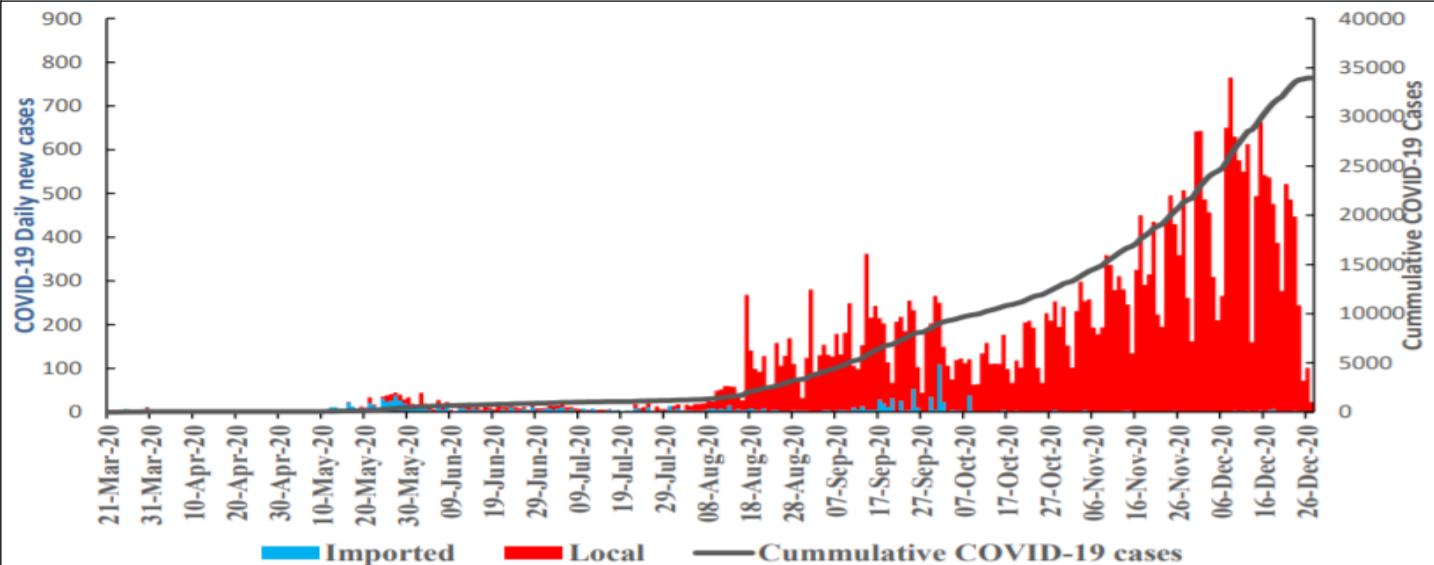
Source: COVID-19 SitRep#312

Fig 1b: Distribution of cases by case type



Source: COVID-19 SitRep #312

Fig 1c: Epidemic curve of COVID-19 as of 6th Dec 2020 (n=33973)

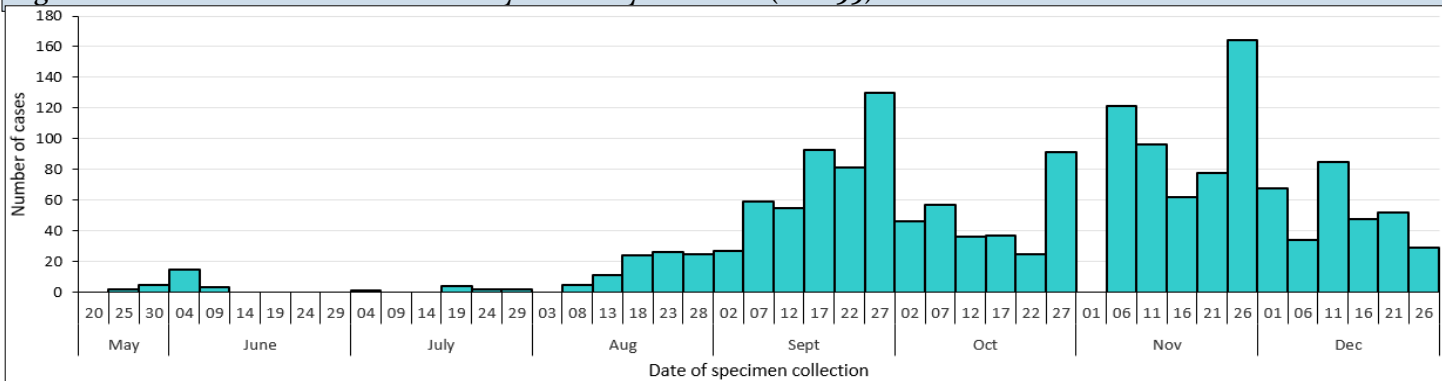


Source: COVID-19 Situational Report #312

Deaths among Health workforce due to COVID-19 infections (n=14) as 27th December 2020

District	Health facility	No. of deaths	Cadres/Duty
Kampala	PATH Uganda	1	Epidemiologist
	Mulago NRRH	1	Pharmacist
Mukono	Mukono hospital	1	Lab Tech
Lira	Lira RRH	1	Medical Officer
Mbarara	Mbarara RRH	1	Dermatologist
Kapchorwa	Kapchorwa Hosp	2	Nurses
Namisindwa	Community Health worker	1	VHT
Rakai	Rakai Hospital	1	Med. superintendent
Kiboga	District	1	DHO
Soroti	Soroti RRH	1	Nurse
Katakwi	Magoro HC III	1	Health Inspector
Buikwe	District Service Commission	1	Nurse
Karenga	Kidepo HC II	1	Nurse

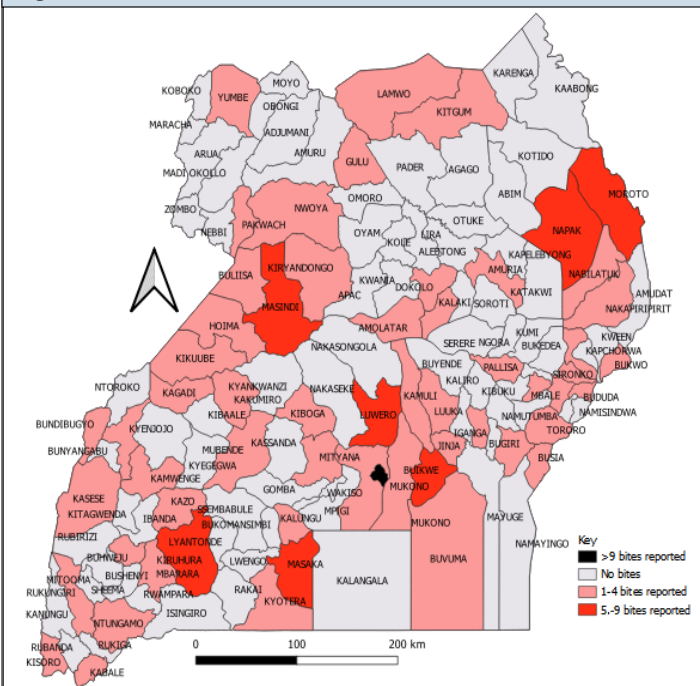
Fig 2c. Distribution of health workers by time May-Dec 2020 (n=1699)



Suspected Rabies (Animal Bites)

- Animal bites reported across the country
- Kampala (22) reported the highest number of bites

Fig 3: Distribution of Animal bites, week 52 (n=175)



Tuberculosis (TB), week 50 (no updates for week 52)

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

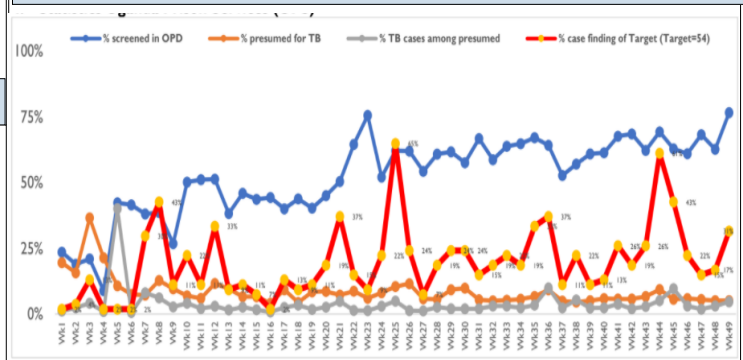
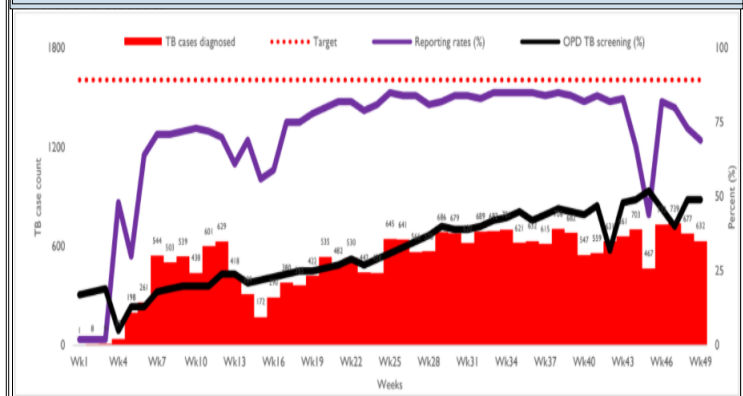


Fig 4b : National TB case finding, week 50



Priority Diseases

The data presented in table 1 consists of suspected cases. The data shows high numbers of Malaria typhoid, and dysentery in different parts of the country.

Tab 1: Suspected Cases of epidemic prone Diseases, wk 52

Conditions	Cases	Deaths	CFR(%)
AFP	3	0	0.0
AEFIs	1	0	0.0
Animal bites	175	0	0.0
Bacterial Meningitis	1	0	0.0
Cholera	0	0	0.0
Guinea Worm	0	0	0.0
Malaria	119,349	27	0.02
Dysentery	55	0.0	0.0
Hepatitis B	43	0	0.0
Measles	18	0	0.0
NNT	0	0	0.0
Plague	0	0	0.0
Other Suspected VHF's	0	0	0.0
SARI	69	0	0.0
Typhoid fever	1142	0	0.0
Yellow fever	0	0	0.0
Anthrax	0	0	0.0
Leprosy	0	0	0.0
RR T.B	1	0	0.0
Brucellosis	56	0	0.0
HAT	0	0	0.0
Influenza (All subtypes)	1	0	0.0

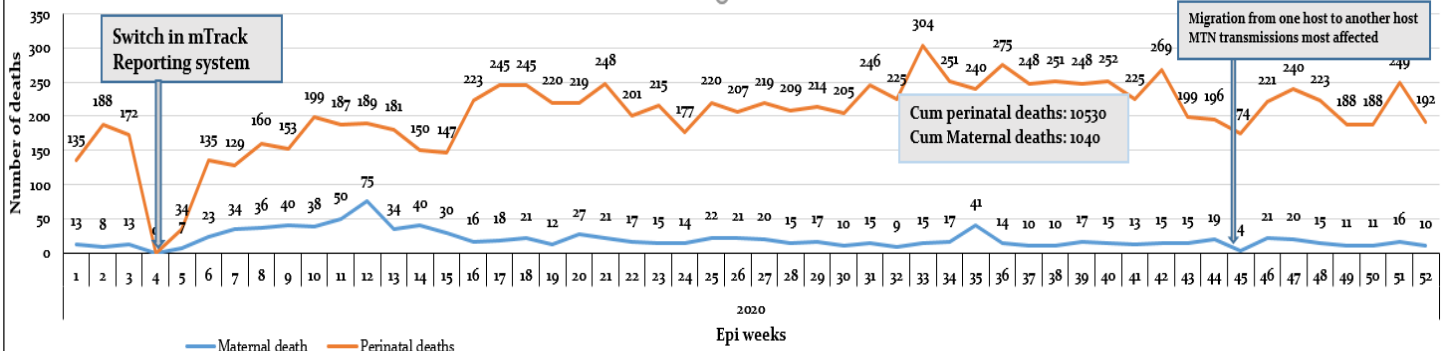
Data source: DHIS2

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 Trypanosomiasis (HAT)

Measles (Confirmed cases)

- Cumulatively, Eighty eight (88) districts have detected and investigated at least one suspected measles case.
- 41/88 districts reporting measles cases have had at least one positive IgM case

Fig 6. Trends of maternal and perinatal deaths week 1– 52,



Data source: EPI lab

Data source: DHIS2

Acute Flaccid Paralysis (AFP) Surveillance (No update for week 52)

- A total of 24 AFP cases was reported during week 51 compared with 21 cases reported in week 50
- The 24 AFP cases were reported from; Amuru 1, Arua 1, Bukwo 1, Butambala 2, Ibanda 1, Iganga 1, Jinga 1, Kampala 1, Kamuli 3, Katakwi 1, Kibaale 1, Lamwo 1, Luuka 1, Nakaseke 2, Namutumba 1, Napak 1, Ntungamo 3 and Sironko 1
- The Non-polio AFP rate is 1.97/100,000 children 0 - 14 years compared with 2.85/100,000 children 0 -14 years in 2019
- The adequate samples collection rate is 92.25% compared with 90.61% in 2019
- NPENT rate is 12.60% compared with NPENT rate of 15.33% in 2019
- Two formally silent districts (Jinja and Kamuli) have joined the set of districts which have detected and investigated at least one AFP case in the year 2020
- Silent districts; Agago, Amolatar, Alebtong, Busia, Kitagwenda, and Rubanda

Fig 5: Stool adequacy rates by District, week 51

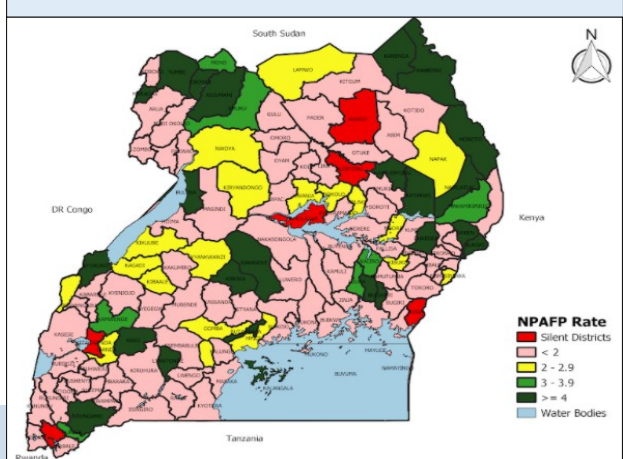


Table 2: Distribution of maternal deaths (16) and perinatal deaths (192) week 52

District	Health Facility	Maternal Deaths	District	Macerated Still births -	District	Fresh Still Birth	District	Early Neo-natal deaths 0-7 days
Kampala	Kawempe NRH	2	Kampala	13	Kampala	13	Kampala	21
Yumbe	Kulikulinga	1	Yumbe	3	Mubende	5	Koboko	5
Nwoya	Anaka Hosp	1	Kamuli	3	Hoima	3	Mubende	5
Amudat	Amudat Hosp	1	Hoima	3	Koboko	3	Napak	4
Nabilatuk	Nabilatuk HC IV	1	Iganga	3	Kyotera	2	Iganga	4
Kikuube	Kyangwali HC IV	1	Gulu	3	Kaabong	2	Kamwenge	2
Kamuli	Kamuli Hosp	1	Mubende	3	Kole	2	Kabale	2
Buikwe	Kawolo Hosp	1	Wakiso	3	Kamuli	2	Rukungiri	2
Wakiso	Kisubi Hosp	1	Kagadi	2	Kasese	2	Nebbi	2
			Kaberamaido	2	Buikwe	2	Kumi	2
			Kayunga	2	Kitgum	2	Kitgum	2
			Mityana	2	Kabarole	2	Jinja	2
Key			Kole	1	Buyende	1	Bugiri	2
	Above threshold		Nwoya	1	Nwoya	1	Maracha	1
			Kamwenge	1	Isingiro	1	Yumbe	1
			Isingiro	1	Ntoroko	1	Kibuku	1
			Kapchorwa	1	Nabilatuk	1	Nwoya	1
			Budaka	1	Kikuube	1	Lamwo	1
			Lyantonde	1	Kanungu	1	Kapchorwa	1
			Others	14	Others	8	Others	13

Fig 7: Completeness and Timeliness of weekly reporting per region, Epi week 52, 2020



- Five regions achieved the national target of completeness of reporting with the highest reporting rates recorded in Lango at (92)
- National average reporting rate decreased to 65% in week 52 from 69% week 51
- Timeliness is still a challenge across the country.
- None of the reporting regions achieved the national target. National average timeliness of reporting was 43%

Completeness and Timeliness of reporting by District

- Majority of the districts reported late (fig 8b)

Fig 8a: Completeness of reporting, week 52, 2020

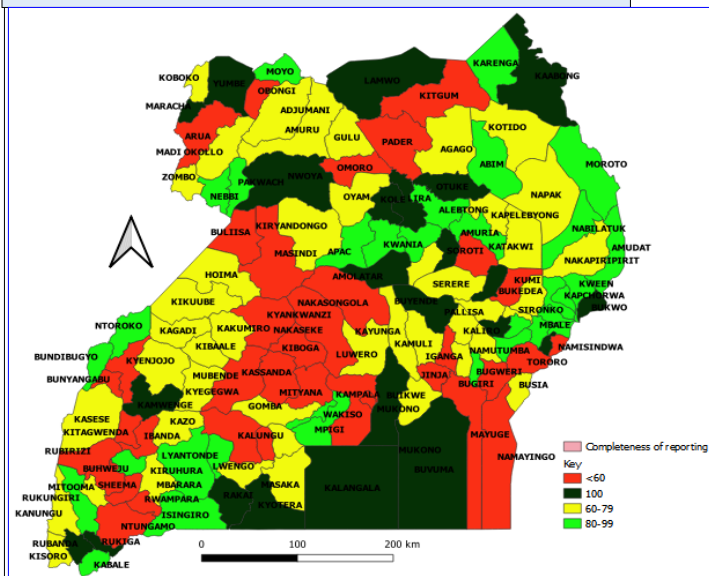


Fig 8b: Timeliness of reporting, week 52, 2020

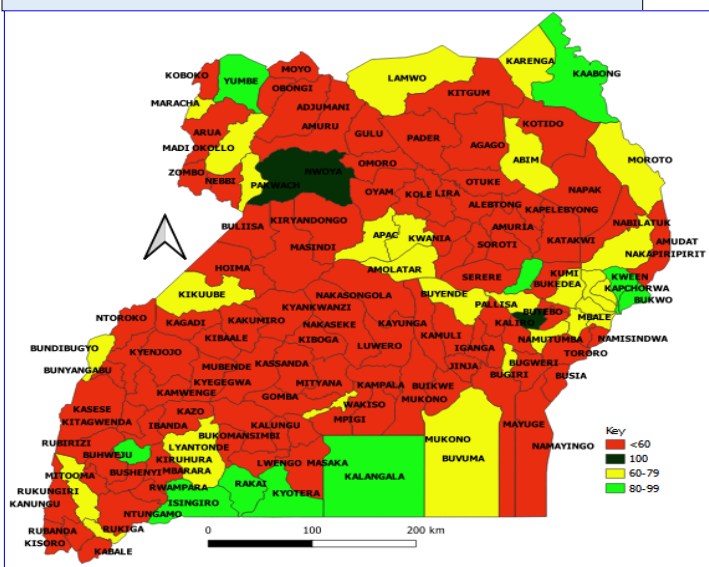
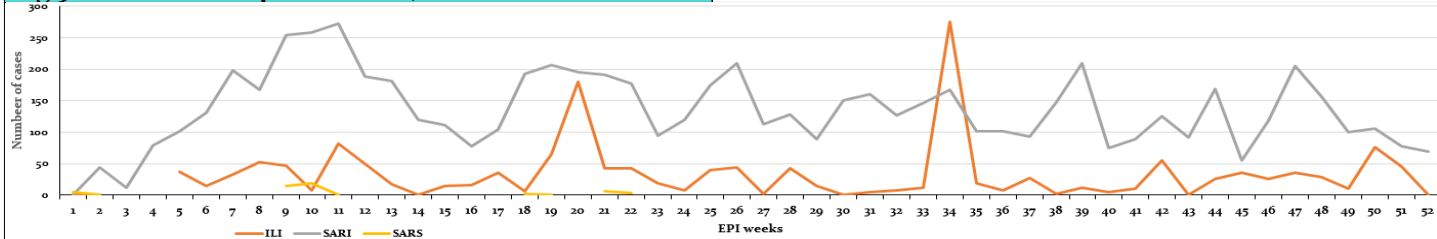


Fig 9: Trends of suspected SARI, ILI and SARS 2020



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Remember, your feedback is important to us.

Public health emergencies in neighboring countries

(No update for week 52 from WHO AFRO)

Country	Condition	No. of Cases	No. of deaths
DRC	Cholera	16456	256
	COVID 19	12701	333
	EVD	128	53
	Measles	70899	1026
	Monkey pox	6231	203
	Plague	124	17
	Poliomyelites	159	0
Kenya	Cholera	711	13
	COVID 19	83316	1452
	Leishmania	305	7
	Measles	626	2
Rwanda	COVID 19	5919	48
TZ	COVID 19	509	21
South Sudan	COVID-19	3109	61
	Hepatitis E	337	2
	Measles	916	2

Recommendations

- Veterinary officers at all levels are encouraged 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