



# MINISTRY OF HEALTH

## THE WEEKLY EPIDEMIOLOGICAL BULLETIN

**WEEK 03: 18<sup>th</sup> Jan -24<sup>th</sup> Jan 2021**

Dear Reader,

We are pleased to share our 3<sup>rd</sup> weekly epidemiological bulletin for the year 2021. 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



ROUTINE SURVEILLANCE



EPIDEMIOLOGY OF COVID-19



PUBLIC HEALTH EMERGENCIES IN NEIGHBORING COUNTRIES

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ROUTINE SURVEILLANCE

### Reported Suspected Epidemic Prone Diseases

- Malaria had the highest number of suspected cases
- Districts with the highest malaria burden include;
  - Mayuge with 8,788 cases
  - Yumbe with 6,494 cases
  - Kamuli with 5,487 cases
  - Adjumani with 5,283 cases
  - Iganga with 3,577 cases
  - Kyegegwa with 3,226
- Typhoid was the second most suspected condition with Kampala (152) and Kyotera (54) having the highest numbers
- Suspected rabies (Animal bites) was the third most suspected with Kampala (18) and Masindi (18) having the highest number of cases
- SARI was the fourth most reported condition with 126 cases mostly from Kampala (40) and Arua (40)
- Other suspected conditions reported are presented in tab 1

Tab 1: Suspected cases of epidemic prone diseases

Conditions	Cases	Deaths	CFR(%)
AFP	7	0	0.0
AEFIs	1	0	0.0
Animal bites	242	0	0.0
Bacterial Meningitis	1	0	0.0
Cholera	0	0	0.0
Guinea Worm	0	0	0.0
Malaria	133,025	21	0.02
Dysentery	126	0.0	0.0
Hepatitis B	87	0	0.0
Measles	33	0	0.0
NNT	0	0	0.0
Plague	0	0	0.0
Other Suspected VHF's	0	0	0.0
SARI	126	0	0.0
Typhoid fever	1,250	0	0.0
Yellow fever	0	0	0.0
Anthrax	0	0	0.0
Leprosy	0	0	0.0
RR T.B	8	0	0.0
Brucellosis	60	0	0.0
HAT	0	0	0.0
Influenza (All subtypes)	7	0	0.0

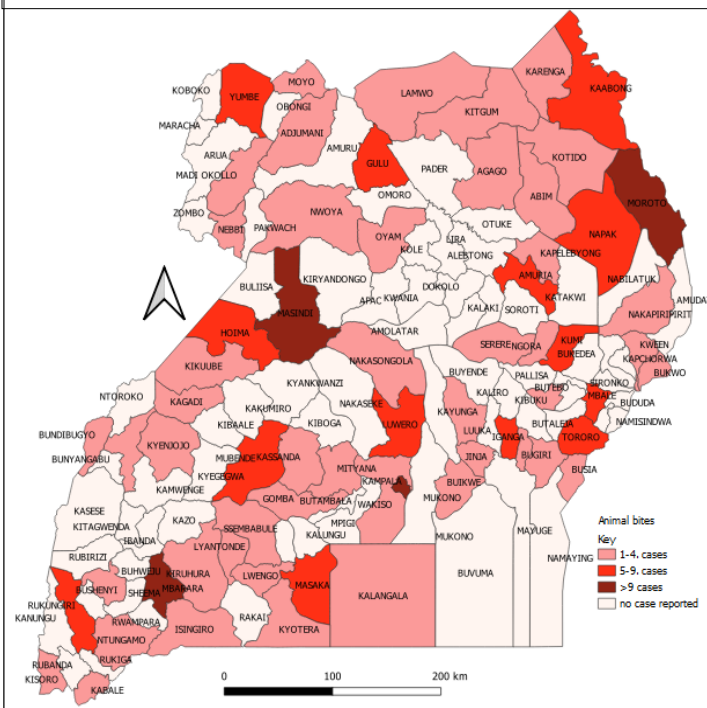
**Table 2: Maternal and Perinatal Deaths**

District	Health facility	Maternal Deaths	District	Macerated Still births	District	Fresh Still Birth	District	Early Neo-natal deaths (0-7 days)
Hoima	Hoima RRH	2	Yumbe	9	Mubende	5	Mubende	6
Kabarole	Virika Hosp	2	Lira	6	Mbale	4	Kagadi	5
	Fort Portal RRH	1	Mbale	4	Kagadi	3	Masaka	5
Mbale	Mbale RRH	1	Isingiro	3	Kyotera	2	Kabale	3
Busia	Dabani Hosp	1	Iganga	3	Rakai	2	Kabarole	3
Kabale	Kabale RRH	1	Kyenjojo	3	Pallisa	2	Lira	2
Rukungiri	Kisizi Hosp	1	Kabarole	3	Isingiro	2	Napak	2
Sembabule	Sembabule HCIV	1	Kitgum	3	Luwero	2	Oyam	2
Kampala	Kawala HC III	1	Kamwenge	2	Kyenjojo	2	Mayuge	2
			Kagadi	2	Nebbi	2	Moroto	2
			Luwero	2	Hoima	2	Kamuli	2
			Nebbi	2	Gulu	2	Rukungiri	2
			Budaka	2	Lira	1	Kasese	2
			Apac	2	Oyam	1	Kitagwenda	2
			Abim	1	Busia	1	Kitgum	2
			Others	20	Others	8	Others	6

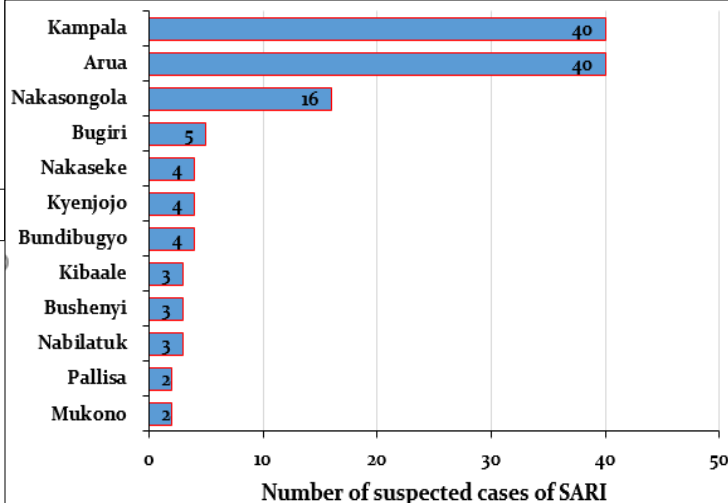
**Suspected rabies (dog bites)**

Animal bites were reported across the country with Moroto, Masindi (16), Bukwo (10), Kampala (16), Ntungamo (13) and Mbarara (10) reporting the highest number of cases.

**Fig 1: Distribution of suspected rabies (dog bites)**



**Fig 2: Suspected Severe Acute Respiratory Illnesses, week 3**



**Fig 3: Suspected Measles cases (district reporting > 1 cases)**

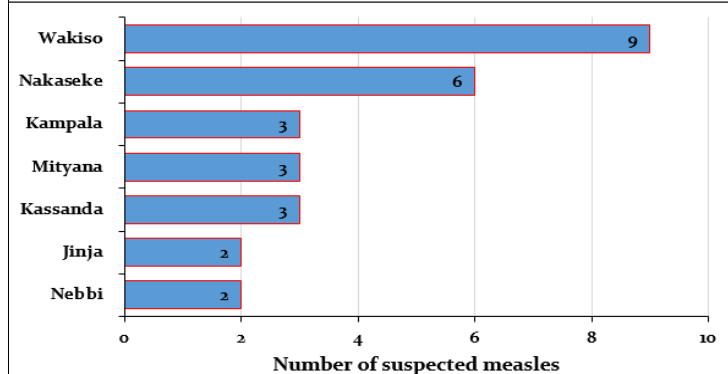
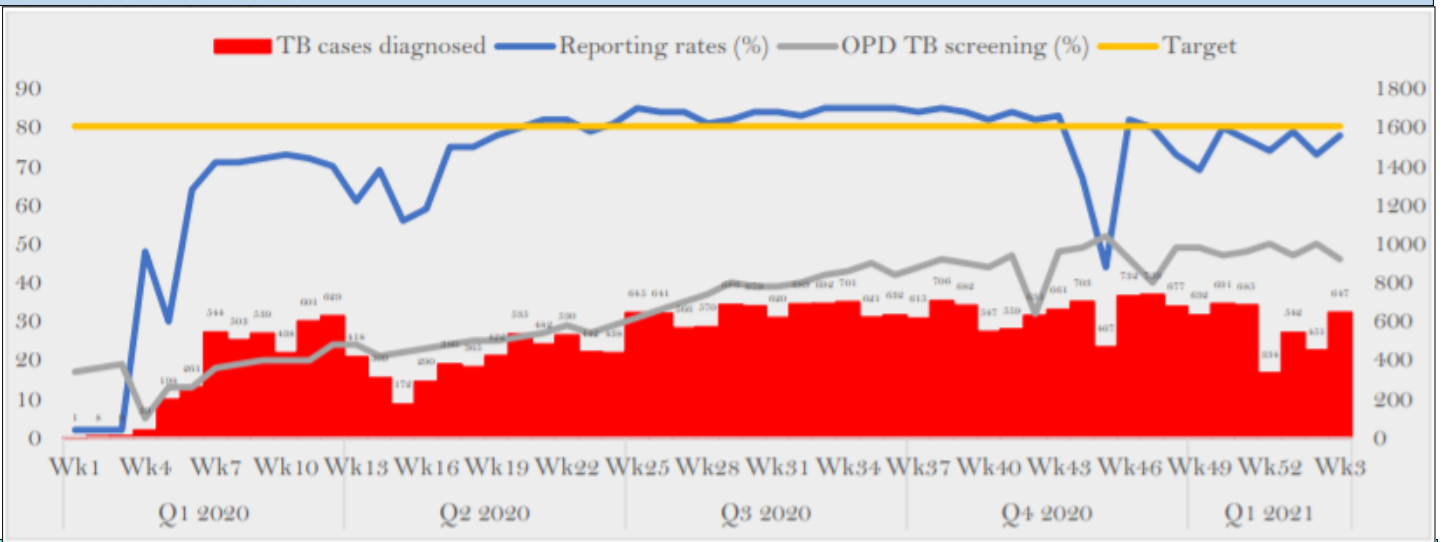


Fig 4: TB National statistics, (EPI week 1-52 2020-EPI week 3, 2021)



WEEKLY SURVEILLANCE REPORTING RATES

Fig 5: Average of regional reporting rates

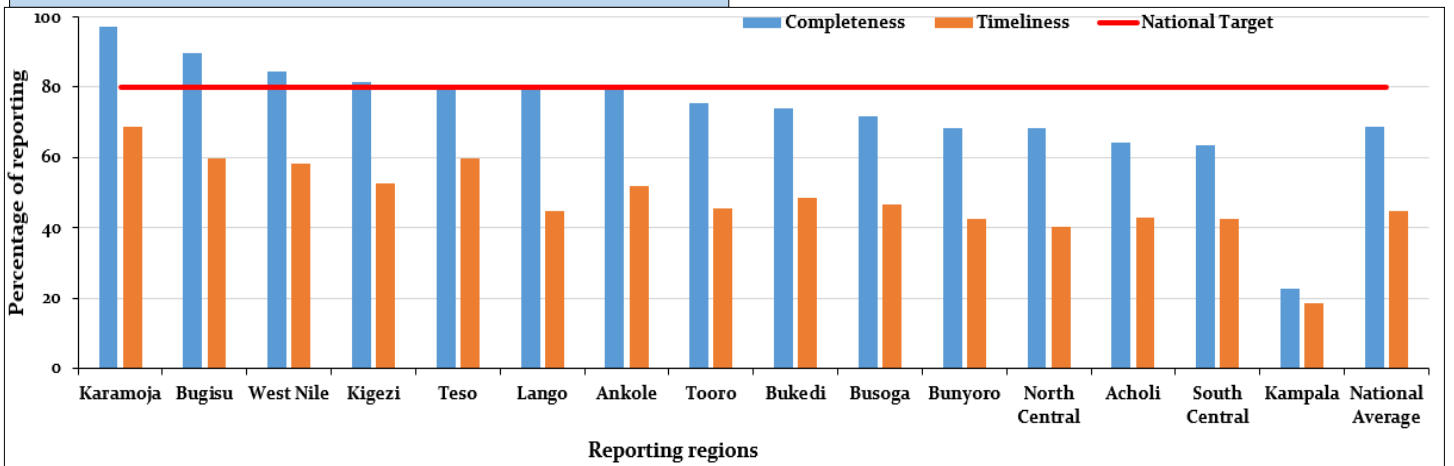


Fig 6a: Completeness of reporting by district

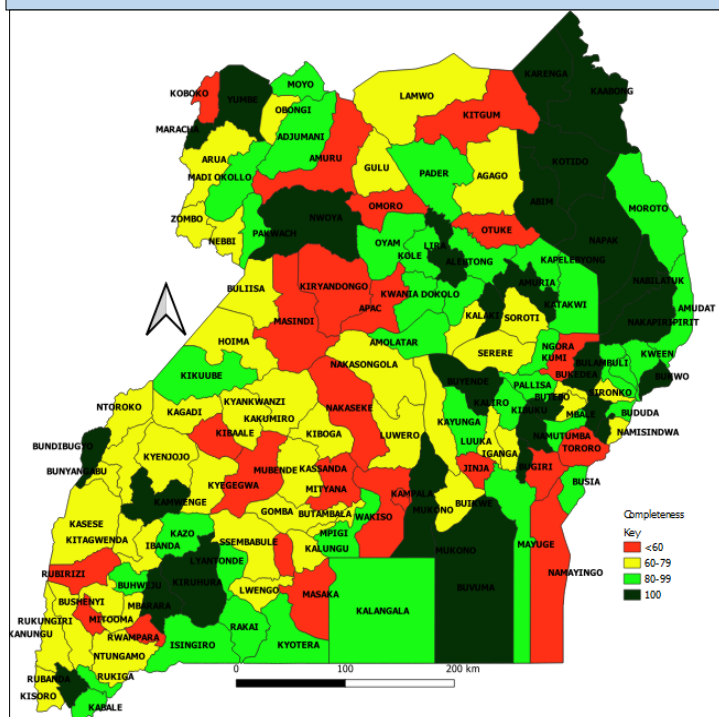
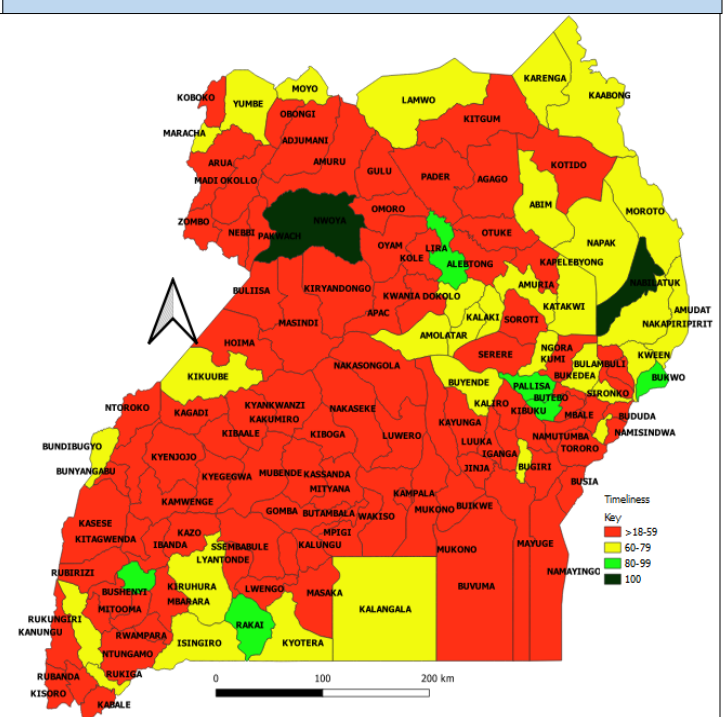


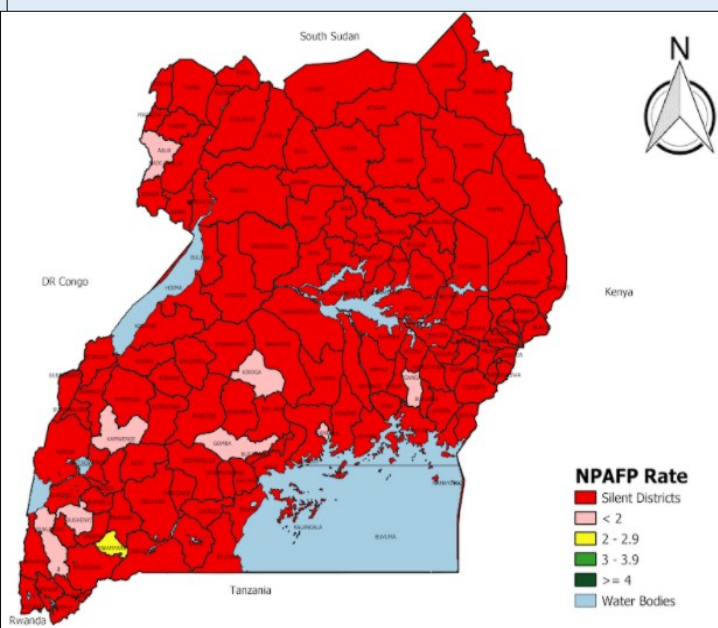
Fig 6b: Timeliness of reporting by district



**AFP Surveillance**

- Four (4) cases were reported during week 3 compared with 7 cases reported in week 2 from Arua 1, Bushenyi 1, Kamwengi 1 and Rukungiri 1
- The Non-polio AFP rate is 0.05/100,000 children 0 - 14 years compared with 0.06/100,000 children 0 -14 years in 2019
- The adequate samples collection rate is 100.0% compared with 92.31% in 2019
- NPENT rate is 12.05% compared with NPENT rate of 0.0% in 2019

**Fig 7: Districts that reported NPAFP cases, Epi week 3**

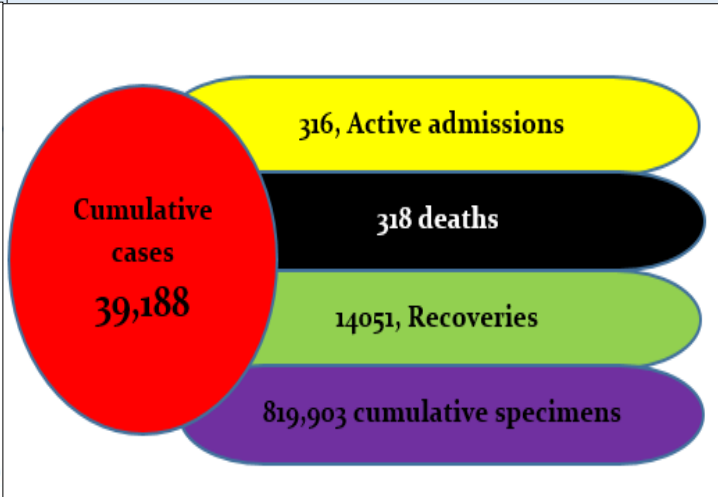
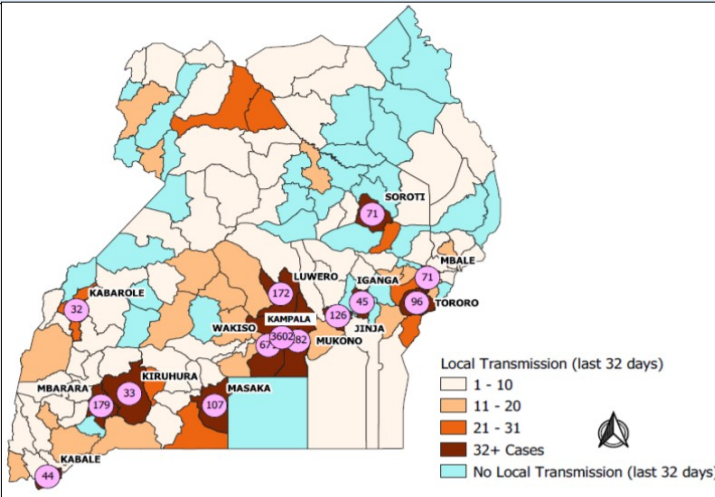


**EPIDEMIOLOGY OF COVID-19**

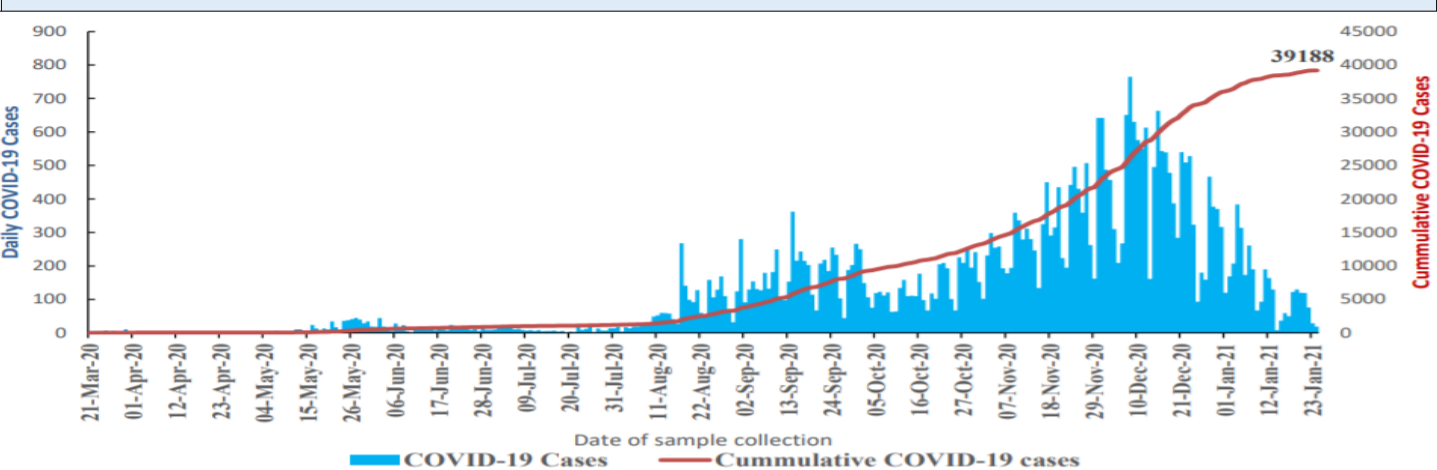
This section provides a descriptive epidemiology of ongoing public health emergencies in the country. For this week, COVID-19 epidemiology is described below

**Fig 8: COVID-19 Local Transmission**

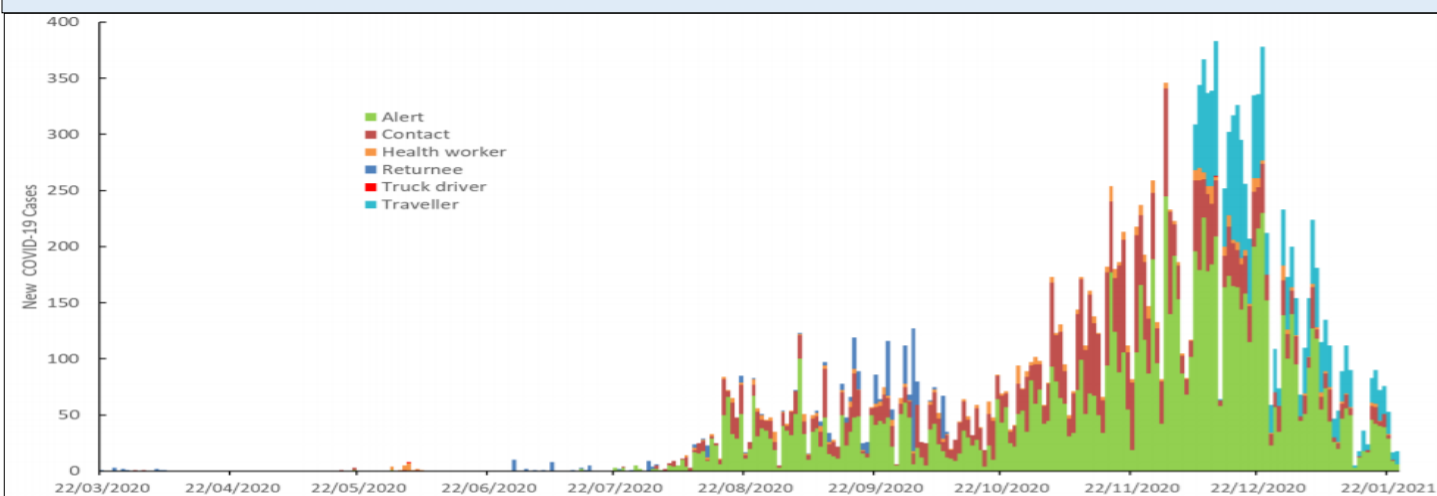
**Fig 9: COVID-19 summary statistics**



**Fig 10: Epidemic curve of COVID-19 Pandemic in Uganda, March 2020 to January 20-2021 (N=39,188)**



**Fig 11: Epidemic Curve of COVID-19 in Kampala by case type**



**Public health emergencies in neighboring countries**

Country	Condition	No. of Cases	No. of deaths
DRC	Cholera	18504	301
	COVID 19	21 869	660
	EVD	128	53
	Measles	70899	1026
	Monkey pox	6 257	229
	Plague	420	29
	Poliomyelitis	183	0
Kenya	COVID 19	99983	1744
	Leishmania	305	7
	Measles	626	2
Rwanda	COVID 19	12975	174
TZ	COVID 19	509	21
South Sudan	COVID-19	3865	64
	Hepatitis E	412	5
	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
- Mortality surveillance for public health emergencies under activated for response should be strengthened
- The National Task force should conduct resource mobilization for TB response
- Baylor Uganda and IDI are requested to address the rampant late reporting rates in West Nile, Bunyoro and Tooro regions

**Acknowledgement**

- MOH acknowledges all efforts made by all districts and health facilities in surveillance activities
- The Ministry appreciated the Implementing partner support across the country

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*Remember, your feedback is important to us.*

**COVID -19 Prevention is an individual responsibility. Be in charge! Be responsible! Take action!**

