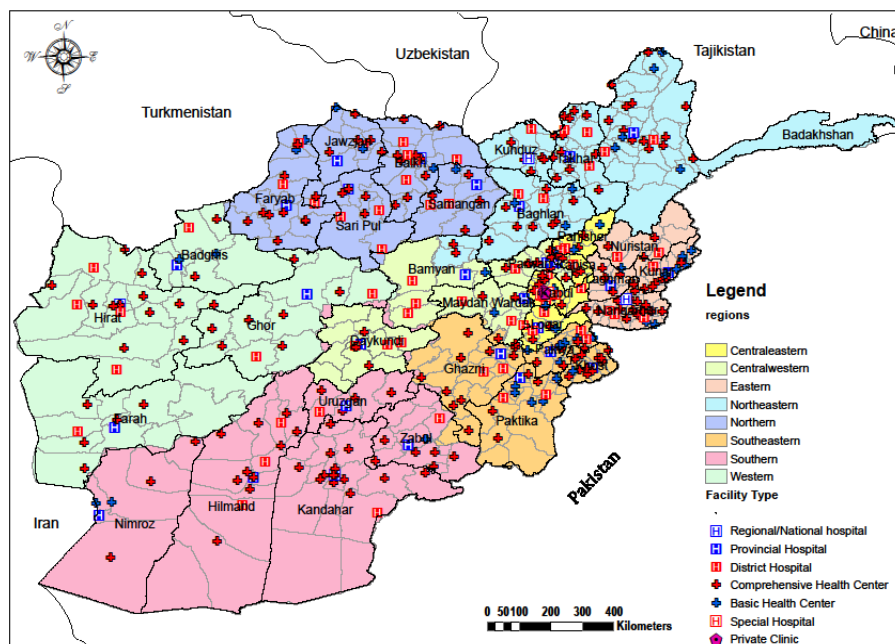


Summary:

- Out of 519 functional Surveillance sentinel sites, 494 (95.2%) have submitted reports this week.
- A total of 477,581 new consultations, 184,472 (38.6%) were due to Surveillance targeted diseases. That included 98,186 males (53.2%) and 86,286 females (46.8%). Also, 88,283 (47.9%) under five years old and 96,189 (52.1%) five years old and over, reported this week.
- The main causes of consultations this week were ARI Cough & Cold, 115,950 cases (24.3%) out of total new consultations, Acute Diarrheal Diseases 33,280 cases (7%) out of total new consultations and Pneumonia, 26,660 cases (5.6 %) out of total new consultations.
- A total of 220 deaths were reported this week, of which 79 deaths (36%) were due to Surveillance targeted diseases deaths, which includes 34 Pneumonia deaths, 21 suspected Measles deaths, 18 COVID-19 deaths, 03 Suspected Meningitis/ Severely Ill Child deaths, 02 pregnancy-related deaths and 01 Acute Watery Diarrhea (AWD) with Dehydration death.
- A total of **2,693** Measles suspected cases with **21** deaths were reported in this week.
- During this week, 7 AWD new cases epi-linked with Kabul province AWD outbreak were reported.
- In addition, during this week 15 outbreaks (14 **Measles outbreaks** were reported from Wardak, Kabul Takhar, Kunduz, Baghlan, Balkh, Jawjan, Sari--pul, Kapisa, Helmand and Khost provinces) and 01 CCHF outbreak reported from Ghazni province.
- Moreover, **1,477** COVID-19 confirmed cases reported at national level.

Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2022



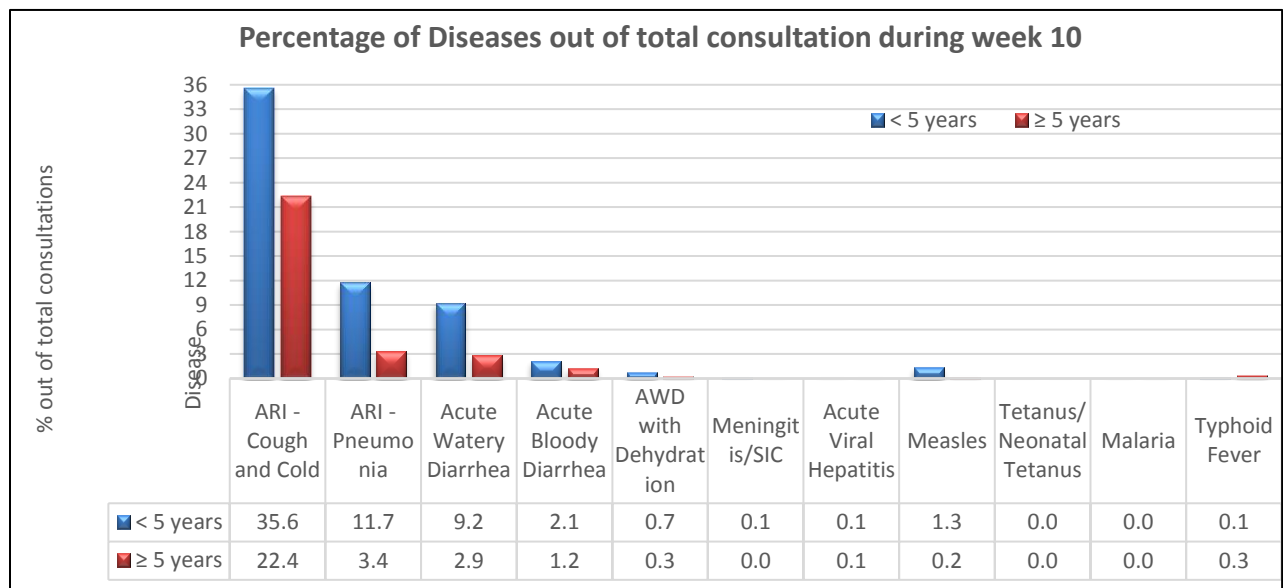
**Table 1: Coverage of NDSR Surveillance System**

Type of Health Facility	RH	PH	DH	CHC	BHC	NH/ Special Hospital	SHC	Other	Total
<b>Total Health Facilities (HF)</b>	8	27	91	437	900	36	1,106	2,093	4,698
<b>HF covered by NDSR-Plus</b>	6	25	80	310	80	13	1	4	519

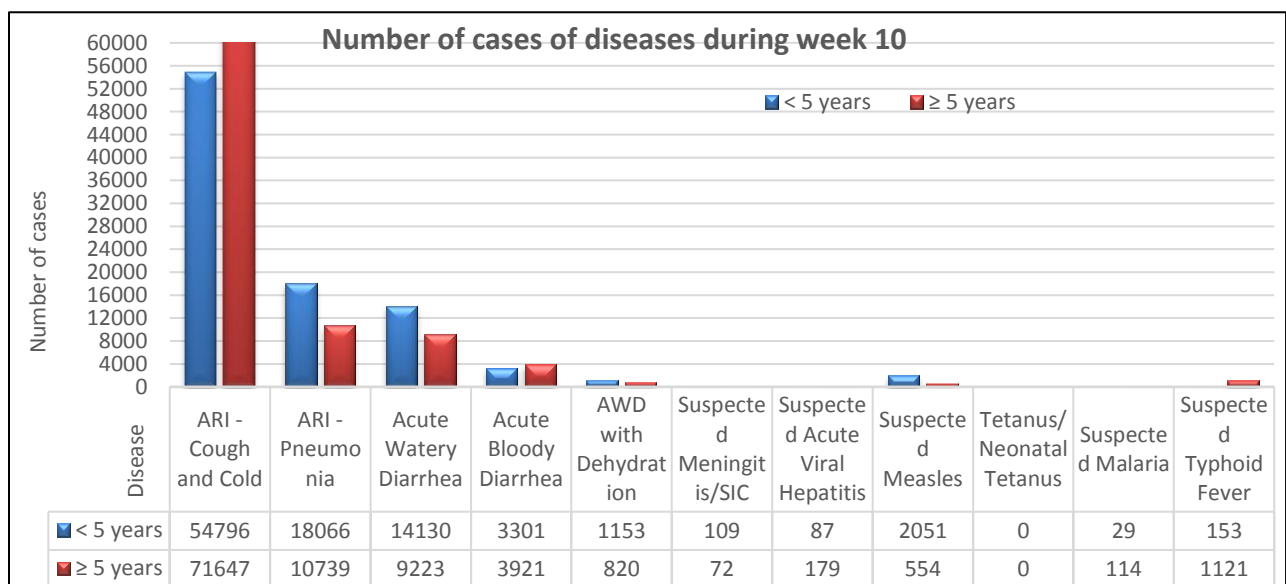
**Indicator - based Surveillance (IBS):**

The indicator-based surveillance component of NDSR report 17 priority conditions/infectious diseases from sentinel sites on weekly bases. The data is compared with previous weeks and the corresponding weeks of previous years and the alert and epidemic threshold is checked to see if disease incidence has crossed these levels and necessary action is initiated.

**Figure 2: A**



**Figure 2: B**

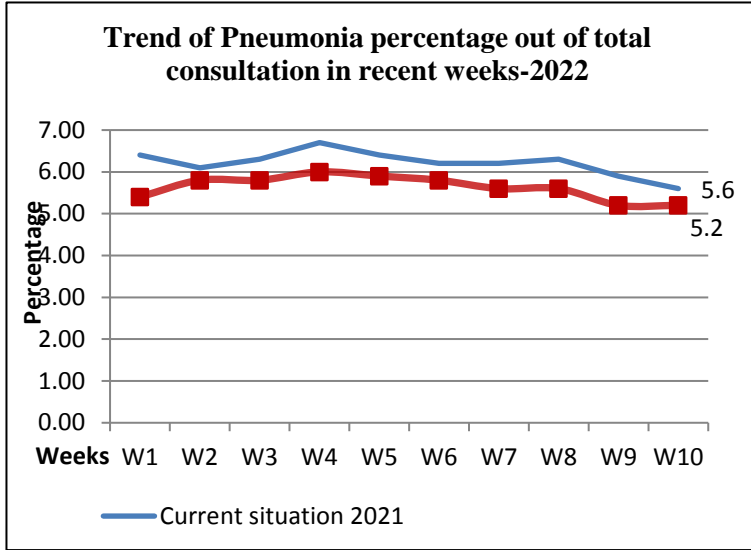


**Table 2: Cases and deaths due to VPDs by age group during week 10<sup>th</sup>, 2022**

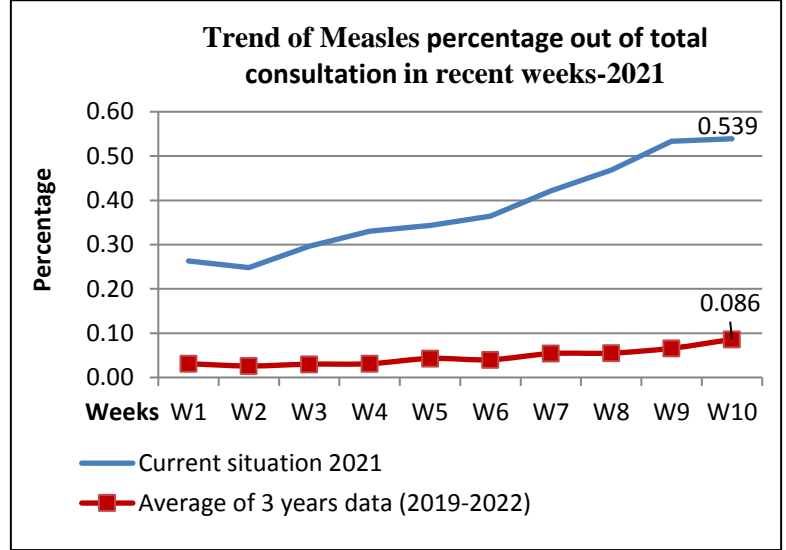
Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	2016	556	2572	18	0	18	0.70

**Seasonal Diseases:**

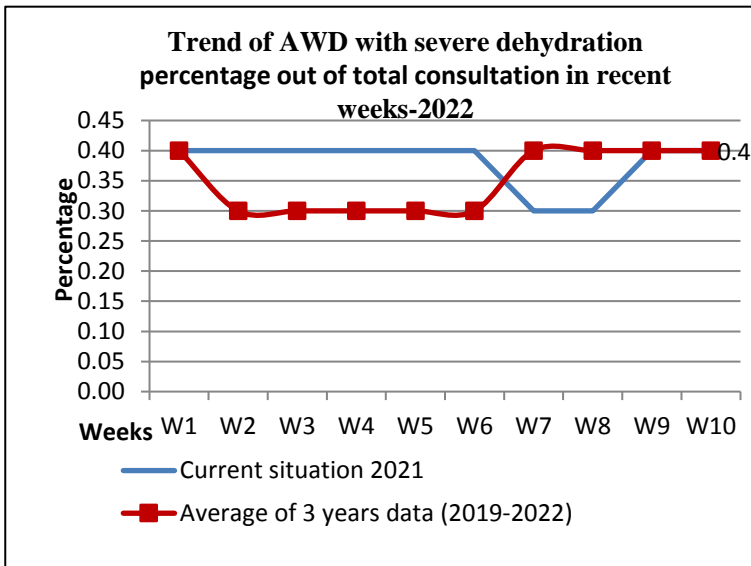
**Figure 3: A**



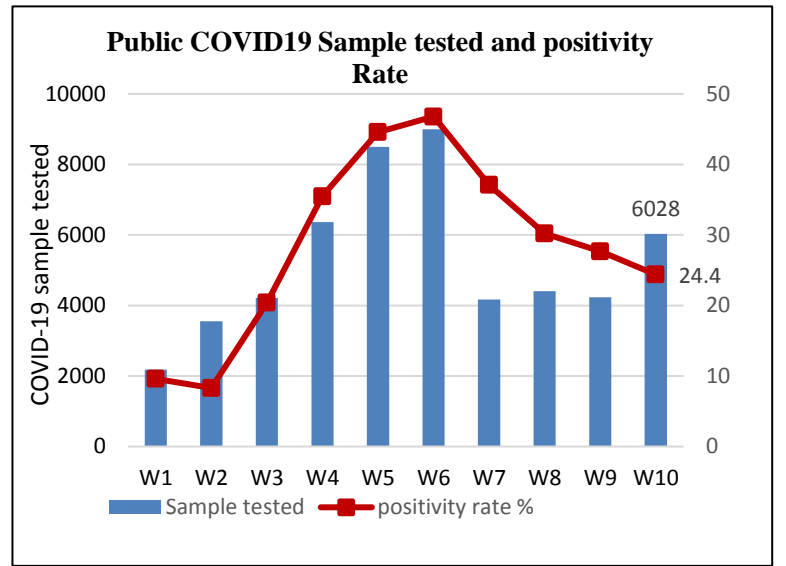
**Figure 3: B**



**Figure 3: C**



**Figure 3: D**



**Table 3: Part of Outbreaks:**

Acute Watery Diarrhea outbreak ( Kabul province)								
Reported Date	Province	District	Village	<5 Cases	≥5 Cases	Total Cases	Total Deaths	Recommendation /Action taken
06/03/2022	Kabul	Kabul districts	Kabul	0	07	07	0	In this week, 07 AWD new cases epi-linked with Kabul province AWD outbreak reported, Active/daily surveillance and the case investigation is going on, case management was done for all the cases. Lab Sample collection was done. In addition, Health education was conducted by the investigation team.

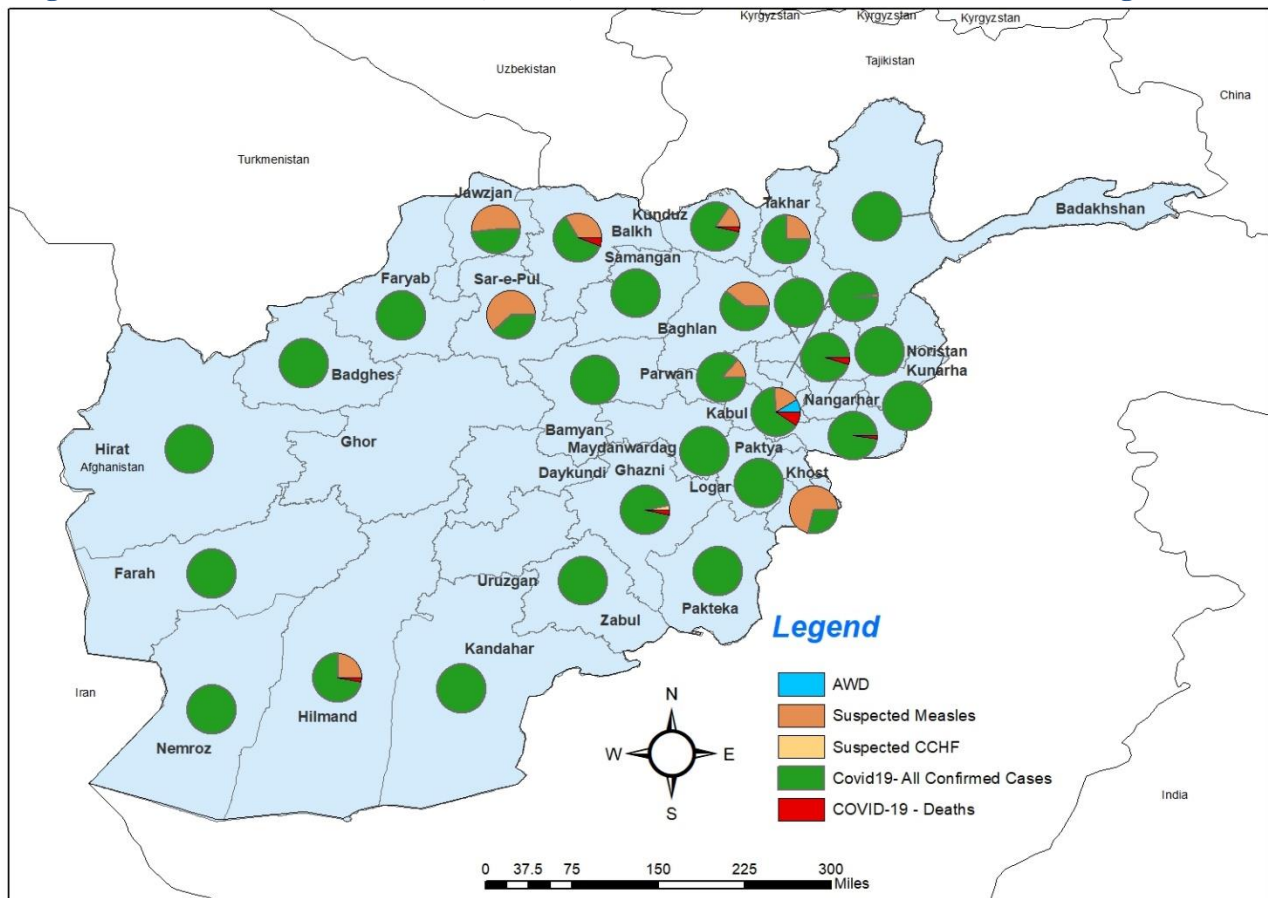
Suspected Measles outbreaks ( Wardak, Kabul, Takhar, Kunduz, Baghlan, Balkh, Jawjan, Sari--pul , Kapisa, Helmand and Khost provinces )										
Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Deaths	Vaccination coverage		Recommendation/Action take
								Reported	Assessed	
12/03/2022	Parwan	Charikar	Abdi boy	4	6	10	0	0%	55%	In this week, 14 suspected Measles outbreaks were reported from Parwan, Wardak, Kabul, Takhar, Kunduz, Baghlan, Balkh, Jawjan, Sari--pul , Kapisa, Helmand and Khost provinces. The outbreaks were investigated, case management was done for all the outbreaks and cases. Also, health education sessions were conducted. Vaccination of children in the surrounding villages of the affected area is going on. Follow up reports will be shared.
07/03/3033	Wardak	central	Shadikhal	3	7	10	0	100%	63%	
03/02/2022	Kabul	District 8	Karte Know	15	0	15	0	88%	90%	
05/03/2022	Takhar	Baharak	Baharak city	3	5	8	0	NA	30%	
05/03/2022	Kunduz	Imam sahib	Ajghan	9	0	9	0	NA	55%	
08/03/2022	Baghlan	Pulikhomri	Hassin khil	7	0	7	0	NA	75%	
06-Mar-22	Balkh	Daidadi	Nawabad Mashi	6	0	6	0	%71	96%	
09/03/2022	Jawzjan	Mengajik	Charshang ho and Haroon	8	5	13	3	78%	31%	
06/03/2022	Sari--pul	Sozmaqala	Auqaf	7	1	8	0	80%	71%	
07/03/2022	Kapisa	Nejrab	Dara-e pota	5	1	6	0	60%	40%	
09/03/2022	Helmand	Gramsir	Hussan abad	6	3	9	0	70%	0%	
09/03/2022		Gramsir	Geogram	6	4	10	0	70%	0%	
11/03/2011	Khost	Maton	Lar	4	1	5	0	80%	41%	
12/03/2011		Maton	Panzaya	0	5	5	0	80%	44%	

Suspected CCHF cases ( Ghazni Province )								
Reported dated	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation/Action take
11/03/2022	Ghazni	Andar	Andar	1	0	43 Y	Housewife	During this week 01 suspected CCHF case was reported from Ghazni province. Case management was done, health education session was conducted and the information was shared with related departments and animal health as well, to take the control and preventive measures.

**Table 4: Updates on the outbreaks reported during 2021 (26 Dec 2021 to 12, March, 2022)**

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	121	55	1845	90
Dog bites/Suspected Rabies	5	0	25	0
CCHF	3	0	3	0
Scabies	2	0	30	0
Diphtheria	1	0	1	0
Pertussis	1	0	4	0
Food poisoning	1	0	1	1
COVID-19	1	1	18061	382
Acute Watery Diarrhea	1	1	291	0
<b>Grand Total</b>	<b>136</b>	<b>57</b>	<b>20261</b>	<b>473</b>

**Figure 4: Distributions of COVID-19, AWD, Measles and CCHF cases and deaths during week 10<sup>th</sup>**



#### Laboratory surveillance:

A total of 6,643 specimens were collected and shipped to CPHL and other regional laboratories. Out of which 1,477 specimens were confirmed for COVID-19 and 43 samples were confirmed for Measles in this week. (Follow up by the CPHL is going on).

#### Influenza Surveillance activities:

In Epidemiological week 10<sup>th</sup> 2022, we have received Epidemiological reports from 09 out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa and Paktia). Out of all new hospital admissions, **229 (5.1%)** Severe Acute Respiratory Infections cases were reported and 65 were under 5 years old. The proportion of SARI cases were same as compared to week 09<sup>th</sup> 2022. Nineteen SARI associated deaths were reported this week. At the 9 provincial levels, the top sentinel sites with the highest proportion of SARI cases were from Kapisa (46%), Kabul (23%), and Bamyan (17%) provinces. In this epi-week, our field staff shipped 48 SARI and 32 ILI specimens to the National Influenza Center (NIC).

#### COVID-19 Surveillance activities:

In this week, 5,956 specimens were tested for suspected COVID-19. Out of which 1,477 samples were confirmed for COVID-19 by rtPCR. The cases have been managed either in the isolation wards or in home quarantine.

- COVID-19 cases were increased **24, 4 %** compared to last week, (in majority of the provinces we had testing kits shortage in this week).

- Bed occupancy rate (BOR) at the national level was **47, 5 %**, which decreased 2, 4 % compared to last week.
- Out of **1,392** contacts of **767** confirmed cases that were mostly family members with an average of 2 Contacts per one case, and will be continued until 14 days of their last contact with the confirmed cases. Also, surveillance screening teams screened all the passengers in the points of entry for fever. In addition, health education was conducted for them, about **28,620** passengers have been screened for COVID-19 in the points of entry of four provinces (Herat, Kandahar, Nangarhar and Nimroz).

#### Challenges:

- Suspected Measles cases and outbreaks are in the increasing trend (in this week 2,693 measles cases and 21 deaths were reported).
- Shortage of lab samples collection consumables and testing kits in majority of the provinces have strongly decreased the number tests.
- No lab capacity for confirmation of the new COVID-19 variant (Omicron) in the country.

#### Recommendations:

- Measles control strategy need to be revised and for every outbreak the response measures need to be taken, vaccination campaigns to be conducted based on the outbreaks reported and also the routine vaccination coverage need to be improved
- CPHL should be supported for the confirmation of the new COVID-19 variate (Omicron)
- Urgent supply of lab sample collection and testing kits for COVID-19 is recommended and lab testing capacity needs to be strengthened and expanded to all the provinces.
  - **EPI:** As the system detected **2,693** suspected Measles cases, with **21** deaths due to measles, further prevention and control measures should be conducted by the EPI team.
- The findings should be analyzed further in different levels and appropriate actions to be taken by the concerned departments.