

National Disease Surveillance & Response (NDSR)

NDSR Weekly Epidemiological Report 25th

Date: 18 – 24 /06 2023

Summary:

- Out of **613** functional Surveillance sentinel sites, **598 (97.6%)** have submitted reports this week.
- A total of **664,704** new consultations, of which **243,700 (36.7%)** were due to Surveillance targeted diseases. That included **128,107 (52.6%)** males and **115,593 (47.4%)** females. Also, **118,269 (48.5%)** under five years old and **125,431 (51.5%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**119,575 = 18%** cases out of total new consultations), Acute Diarrheal Diseases (**99,306 =14.9%** cases out of total new consultations), and Pneumonia (**17,219 = 2.6%** cases out of total new consultations).
- A total of **254** deaths were reported this week, of which **81 (31.9%)** were due to surveillance-targeted diseases, which include **43 pneumonia** deaths, **06 COVID-19** deaths, **13 Acute Watery Diarrhea with Dehydration** deaths, **08 Suspected Acute Viral Hepatitis** deaths, **04 Suspected Meninges / Severely Ill Child** deaths, **03 Suspected Hemorrhagic Fever** deaths. **02 Pregnancy related** deaths, **01 Measles** death and **01 Tetanus / Neonatal Tetanus** death.
- In addition, during this week, **09** outbreaks were reported: (**03 Chickenpox** outbreaks were reported from **Kabul and Herat** provinces, **01 Suspected Measles** outbreak was reported from **Laghman** province, **03 Clinical Scabies** outbreaks were reported from **Kabul and Kapisa** provinces, **01 CCHF** outbreak was reported from **Kabul** province and **01 Suspected Food Poisoning** outbreak was reported from **Nimroz** province.
- Moreover, **194** COVID-19 confirmed cases and **489** Suspected **Measles** cases were reported at the national level.
- **Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2023**

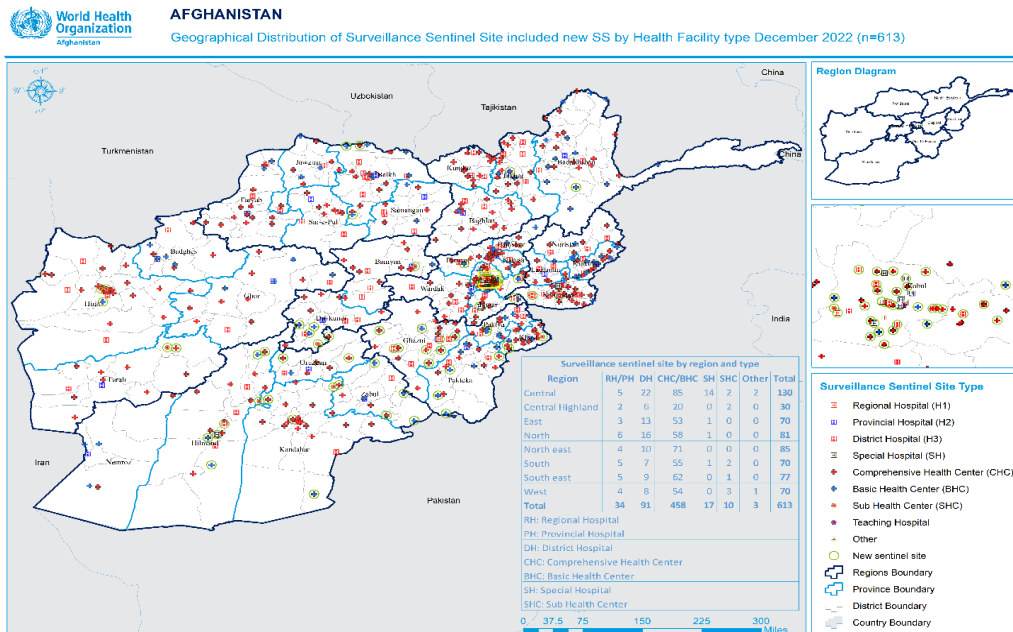


Table 1: Coverage of NDSR Surveillance System

Type of Health Facility	RH	PH	DH	CHC	BHC	NH/ Special Hospital	SHC	Other	Total
Total Health Facilities (HF)	8	27	91	437	900	36	1,106	2,093	4,698
HF covered by NDSR-Plus	8	26	90	348	111	17	10	3	613

Indicator - based Surveillance (IBS):

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

Figure 2: A

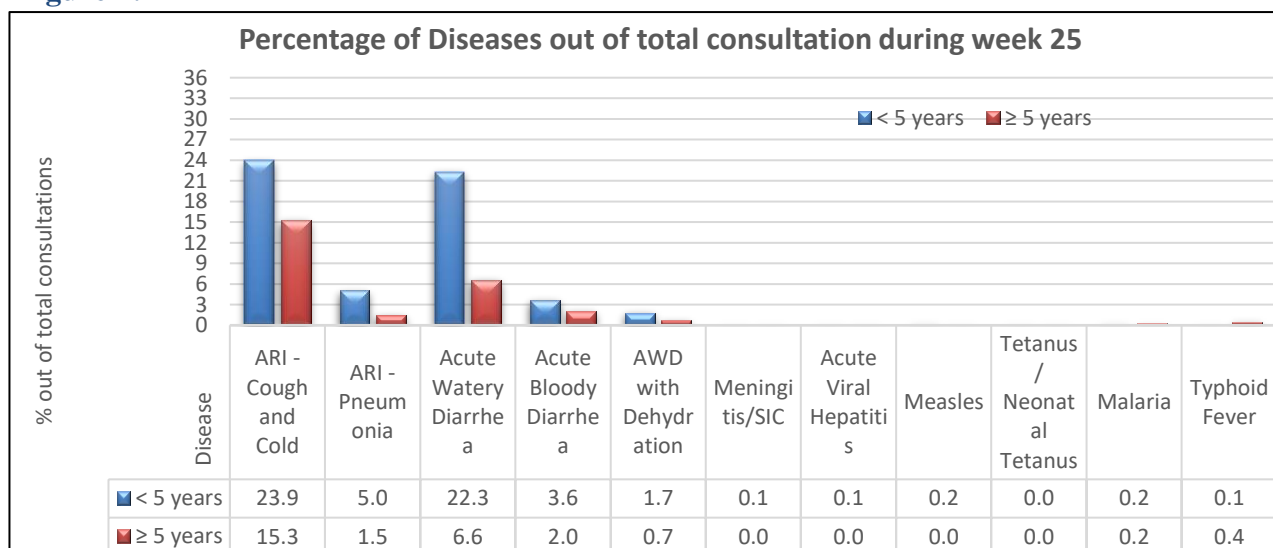


Figure 2: B

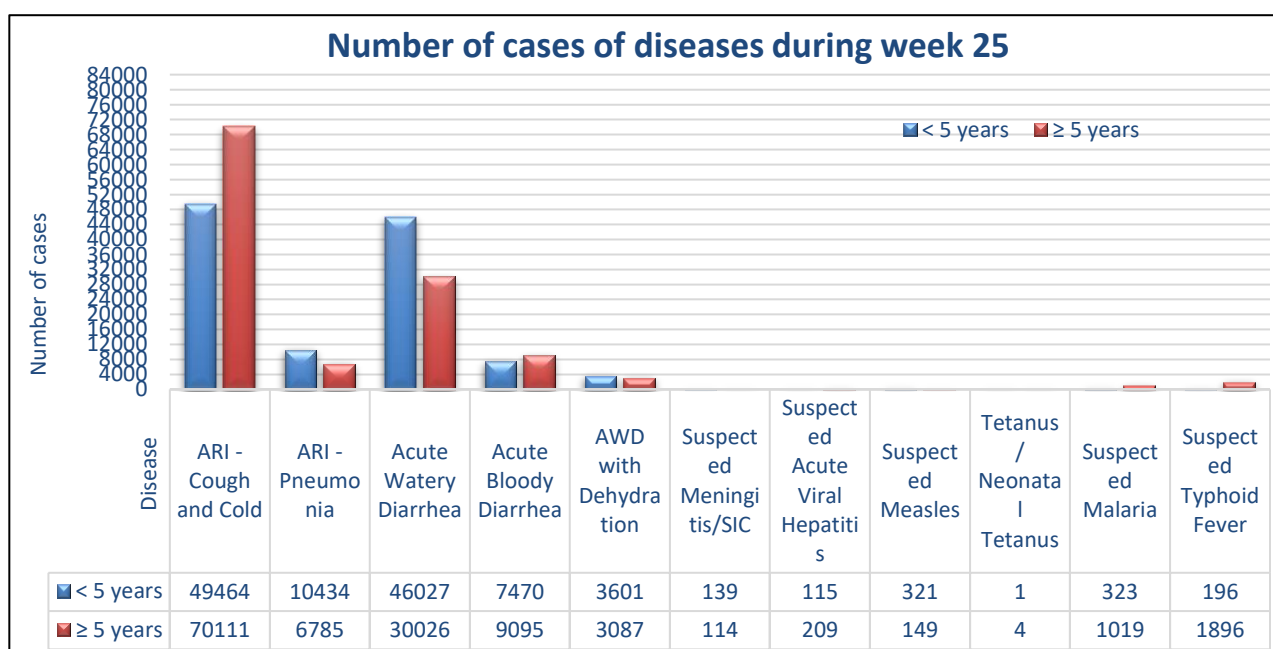


Table 2: IBS Cases and deaths due to VPDs by age group during week 25th 2023

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	321	149	470	1	0	1	0.21

Seasonal Diseases:

Figure 3: A

Figure 3: B

Trend of Pneumonia percentage out of total consultation in recent weeks-2023

Trend of Measles percentage out of total consultation in recent weeks-2023

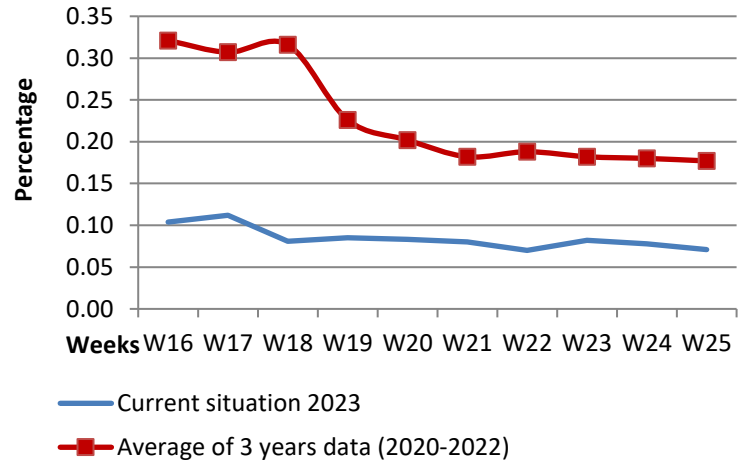
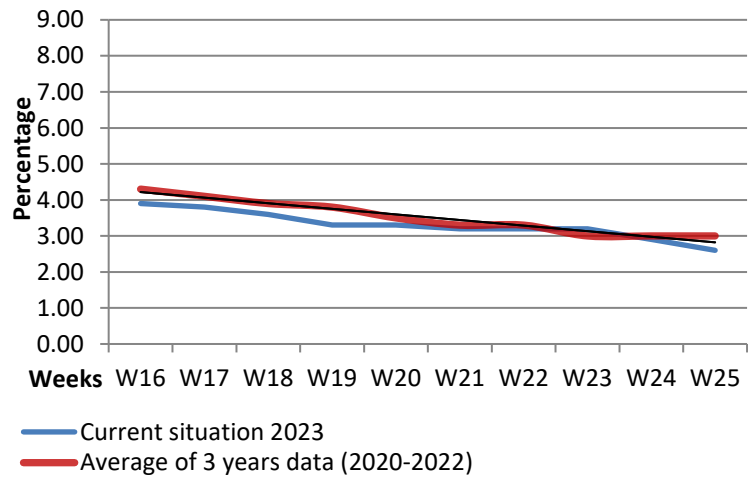


Figure 3: C

Figure 3: D

Trend of AWD with severe dehydration percentage out of total consultation in recent weeks-2023

COVID19 lab specimen tested and positivity Rate

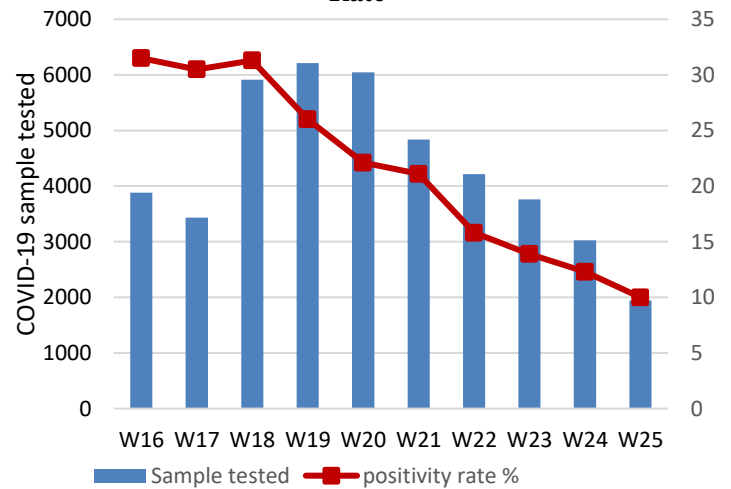
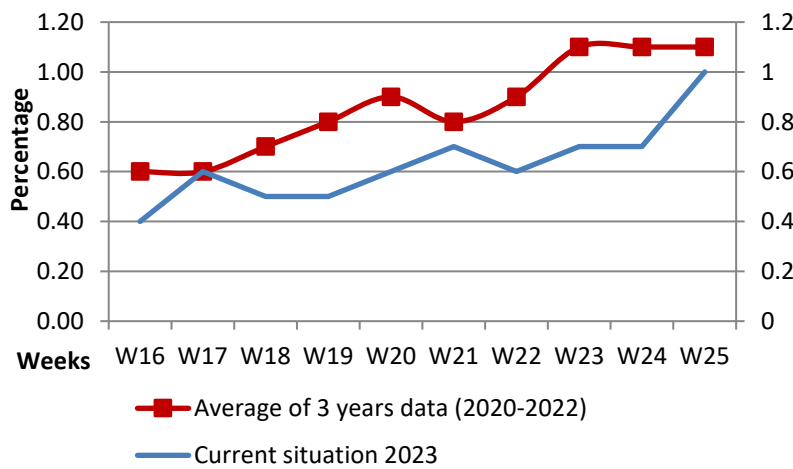


Table 3: Outbreaks in week 25th 2023:

Suspected Scabies outbreaks from Kabul and Kapisa provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
24/06/2023	Kabul	Bagrami	Hussainkheil	8	0	During this week, 03 Suspected Scabies outbreaks were reported from Kabul and Kapisa provinces, and case management was done, health education sessions were conducted for all the cases.
20/6/2023	Kapisa	Center	Ahangari	12	0	
23/6/2023		Center	Shokhi	7	0	

Suspected Chickenpox outbreaks from Kabul and Herat Provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
20/06/2023	Kabul	Bagrami	Monji Daag	6	0	During this Week, 03 Suspected Chickenpox Outbreaks were reported from Kabul and Herat Provinces, and case management was done. health education sessions were conducted for all the cases.
19/06/2023	Herat	Injil	Anas Abad	35	0	
21/06/2023		Injil	Jelwardy	39	0	

Suspected Measles outbreak from Laghman province							
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage	Recommendation/Action take
21/6/2023	Laghman	Alingar	Ashkamoosh	19	0	31% 22%	During this Week, 01 Suspected Measles Outbreak was reported from Laghman province and case management was done. Health education session was conducted for all the cases

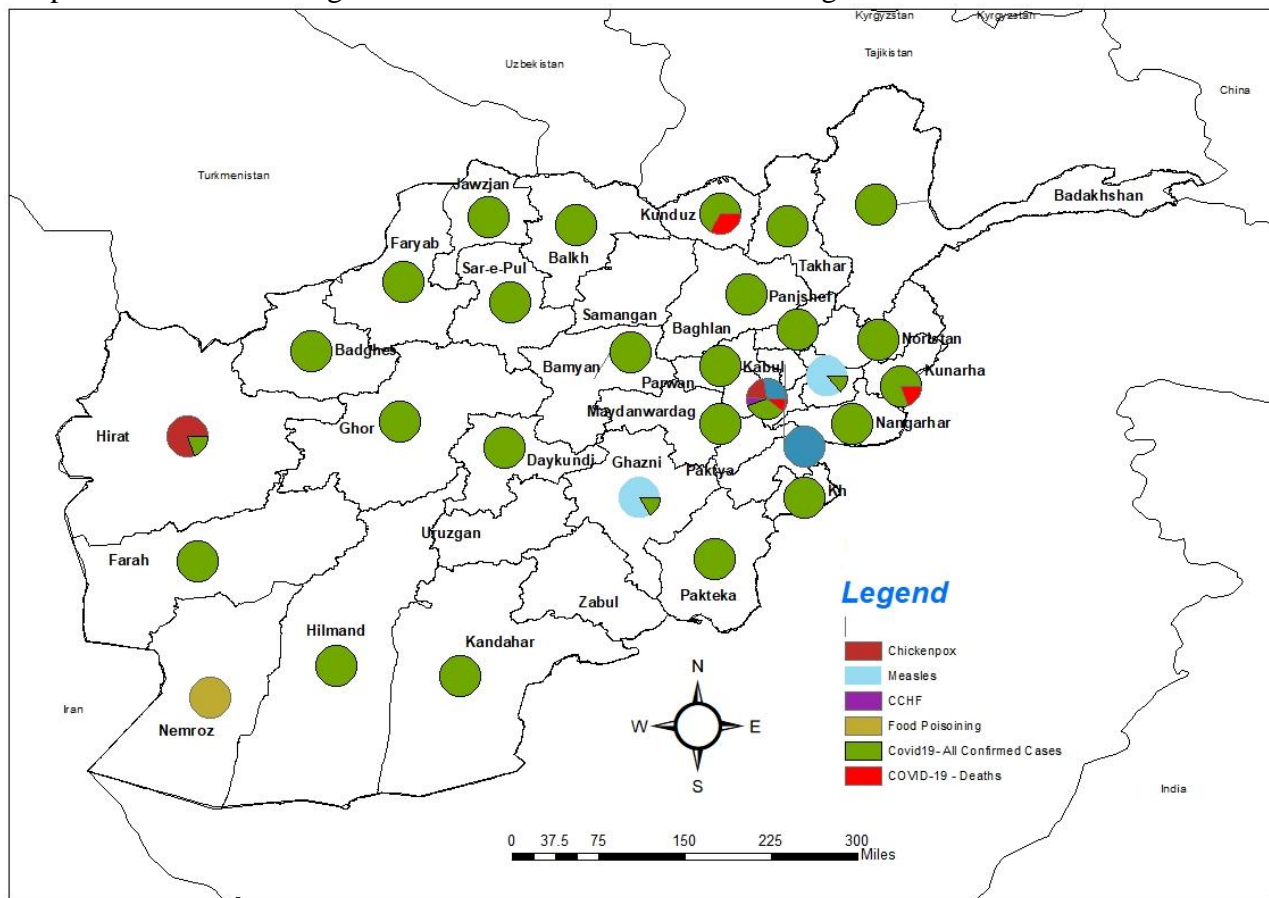
Confirmed CCHF Outbreak from Kabul province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
20/06/2023	Kabul	District 13	Barchi	2	0	During this Week, 01 Confirmed CCHF Outbreak was reported from Kabul province, and case management was done, health education session was conducted for all the cases.

Suspected Food Poisoning Outbreak from Nimroz Province						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
24/06/2023	Nimroz	Zarang	Zarang	6	0	During this week, 01 Suspected Food poisoning outbreak was reported from Nimroz province, and case management was done. Health education session was conducted for all the cases.

Table 4: Updated outbreaks report during 2023 (01 Jan 2023 to 24 June 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	158	101	1920	10
Suspected Chickenpox	126	4	2711	0
Scabies	106	0	4509	0
Mumps	46	3	658	0
Dog bites/Suspected Rabies	40	0	330	0
Pertussis	32	0	503	1
Pneumonia	28	1	1135	24
Malaria	12	12	1504	0
Leishmaniasis	9	1	788	0
CCHF	8	8	111	7
Food poisoning	6	0	61	0
Anthrax	3	0	3	0
Unknown Poisoning	3	0	178	0
Typhoid Fever	2	0	39	0
Acute Bloody diarrhea	2	0	124	0
ARI	2	0	113	2
COVID 19	1	1	99	0
Acute watery Diarrhea (Dehydration)	2	2	2	0
Tinea Capitis	1	0	14	0
Skin diseases	1	0	545	0
Tetanus	1	0	3	0
Acute Viral Hepatitis	1	1	10	0
Dengue fever	1	0	2	1
Grand Total	591	134	15362	45

Figure 4: Clinical Scabies, Clinical Chickenpox, Suspected Measles, Lab Confirmed CCHF, Suspected Food Poisoning and Covid-19 cases and deaths during the week 25th 2023.



Laboratory surveillance:

A total of **3555** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **194** specimens were confirmed for COVID-19, **69** specimens were confirmed for Pneumonia, **61** specimens were confirmed for **Acute Respiratory Infection**, **52** specimens were confirmed for **Malaria**, **29** specimens were confirmed for **Measles**, **21** specimens were confirmed for **Scabies**, **10** specimens were confirmed for **Brucellosis**, **06** specimens were confirmed for Acute Viral Hepatitis, **04** specimens were confirmed for CCHF, **04** specimens were confirmed for **Dengue Fever**, **03** specimens were confirmed for **Cholera**, **02** specimens were confirmed for **Chickenpox** and **01** specimen was confirmed for **Leishmaniasis** (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 25th 2023, we received reports from 09 out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa, and Paktia). Out of all new hospital admissions, 142 (3.6%) severe acute respiratory infection cases were reported, and 62% were under 5 years old. The proportion of SARI cases was slightly decreased compared to week 24th 2023. Six SARI-associated deaths were reported this week. At the 09 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Bamyan (22.4%), Baghlan (14%), and Kabul (11%). During this Epi-Week, our field staff shipped 27 SARI and 18 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **1943** specimens were tested for suspected COVID-19. Out of which **194** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 9.9 % this week, which decreased 2.4 % compared to the previous week.
- Out of **194 confirmed** cases, **941** contacts out of **233** were traced that were mostly family members, with an average of 4 contacts per case, and will be continued until 14 days after their last contact with the confirmed cases. Also, surveillance screening teams screened all the passengers at the points of entry for fever. In addition, health education was conducted for them. About **56,541** passengers have been screened for COVID-19 at the points of entry in five provinces (Balkh, Herat, Nangarhar, Kandahar, and Nimroz).

Challenges:

- CCHF cases are on increasing trend as a public health concern during this season
- Measles cases are still a public health concern in the country, this week **489** (IBS+EBS data) measles cases were reported to the surveillance system.
- ARI cough and cold cases are on decreasing (1%) trend compared to the last week
- ARI pneumonia cases are on decreasing (0.4 %) trend compared to the last week
- AWD cases are on the increasing compared to last week (1 %) trend compared to the last week
- Weak response system to outbreaks at the national level

Recommendations:

- CCHF preventive and control measure should be strengthened
- COVID-19 preventive and control measures should be strengthened
- Public awareness regarding AWD prevention and control is needed
- Vaccine preventable diseases (especially Measles and Pertussis vaccination and preventive measures) should be strengthened.
- The measles response strategy should be reviewed to respond to the current measles epidemic situation.
 - **EPI:** As the surveillance system detected **489** suspected Measles cases at the national level, further prevention and control measures should be conducted by the EPI team
- The findings should be analyzed further at different levels, and appropriate actions should be taken by the concerned department.