

National Disease Surveillance & Response (NDSR)

NDSR Weekly Epidemiological Report 26th

Date: 25 / 06 – 01 / 07 2023

Summary:

- Out of **613** functional Surveillance sentinel sites, **604 (98.5%)** have submitted reports this week.
- A total of **417,377** new consultations, of which **154,937 (37.1%)** were due to Surveillance targeted diseases. That included **81,749 (52.8%)** males and **73,188 (47.2%) females**. Also, **73,200 (47.2%)** under five years old and **81,737 (52.8%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**70,312 = 16.8%** cases out of total new consultations), Acute Diarrheal Diseases (**68,696 = 16.5%** cases out of total new consultations), and Pneumonia (**11,794 = 2.8%** cases out of total new consultations).
- A total of **201** deaths were reported this week, of which **55 (27.4%)** were due to surveillance-targeted diseases, which include **34 pneumonia** deaths, **08 Acute Watery Diarrhea with Dehydration** deaths, **07 Suspected Meninges / Severely Ill Child** deaths, **03 Suspected Acute Viral Hepatitis** deaths, **02 Suspected Hemorrhagic Fever** deaths and **01 Pregnancy related** death.
- In addition, during this week, **09** outbreaks were reported: (**04 CCHF** outbreaks were reported from **Kabul, Baghlan, Balkh** and **Parwan** provinces, **02 Suspected Measles** outbreak were reported form **Ghazni** and **Wardak** provinces, **01 Chickenpox** outbreaks was reported from **Takhar** province, **01 Scabies** outbreak was reported form **Kapisa** province, and **01 Suspected Pertussis** outbreak was reported from **Kapisa** province.
- Moreover, **155** COVID-19 confirmed cases and **403** Suspected **Measles** cases were reported at the national level.
- **Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2023**

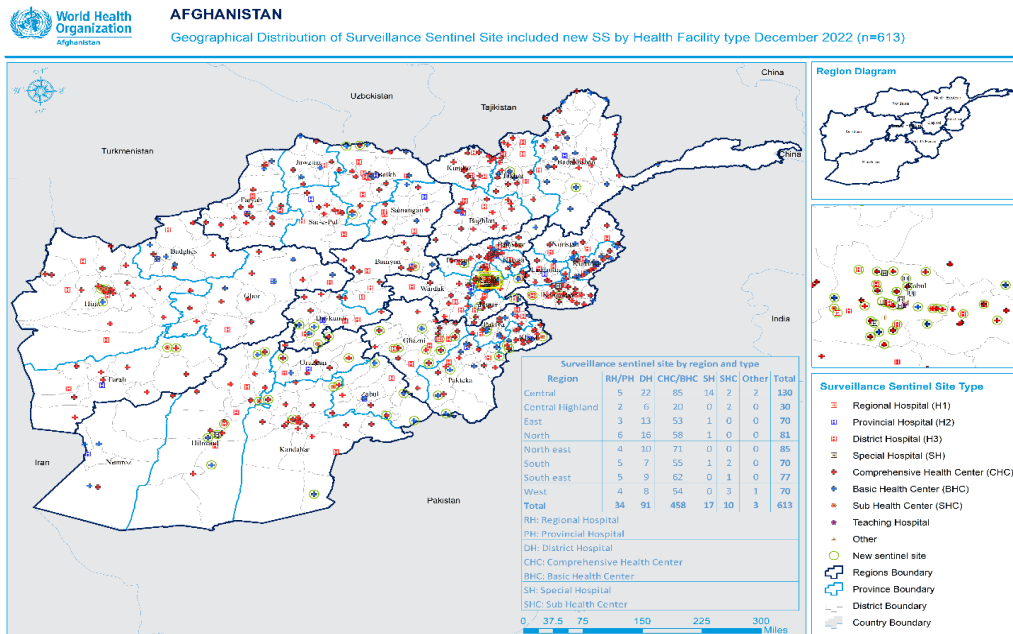


Table 1: Coverage of NDSR Surveillance System

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

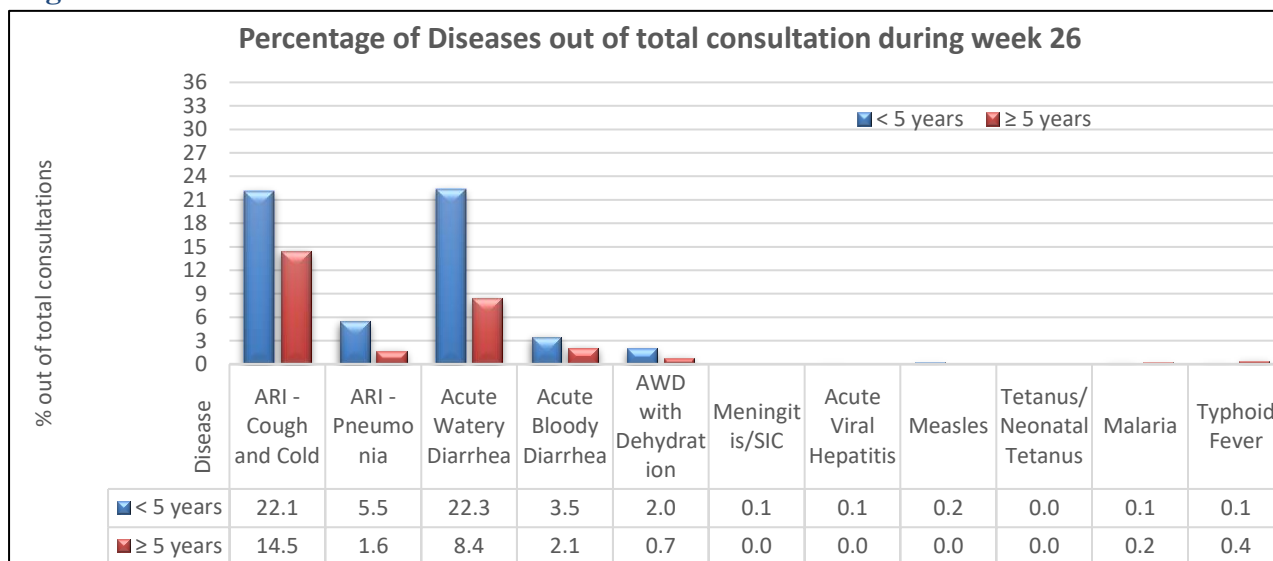


Figure 2: B

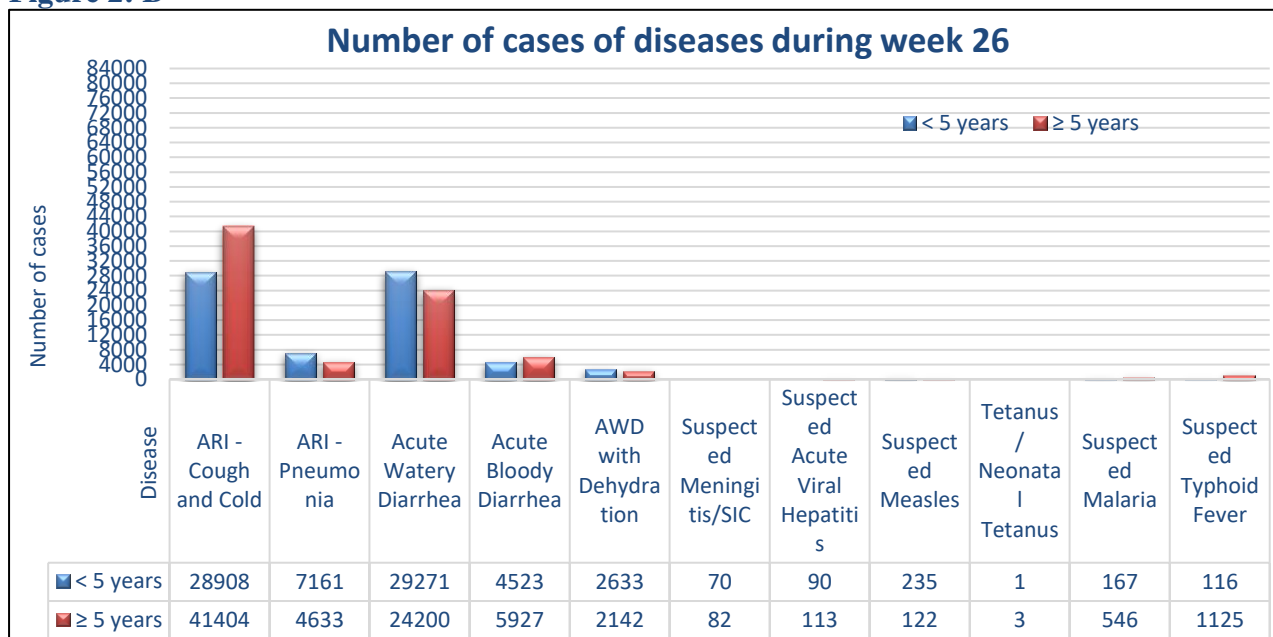


Table 2: IBS Cases and deaths due to VPDs by age group during week 26th 2023

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	235	122	357	0	0	0	0.00

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

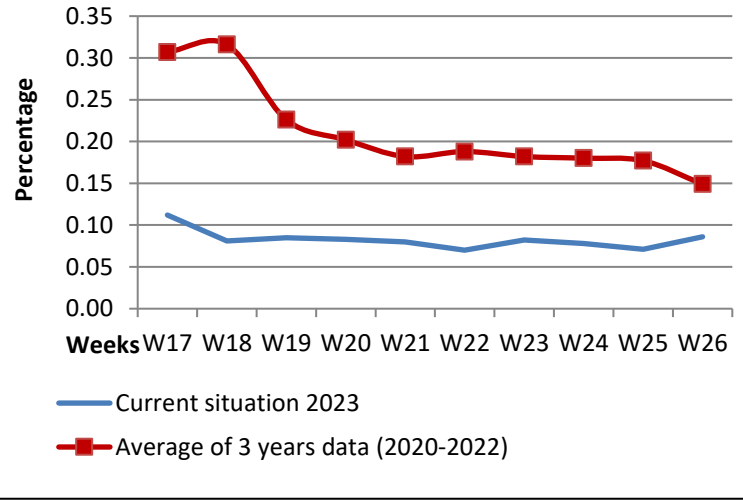
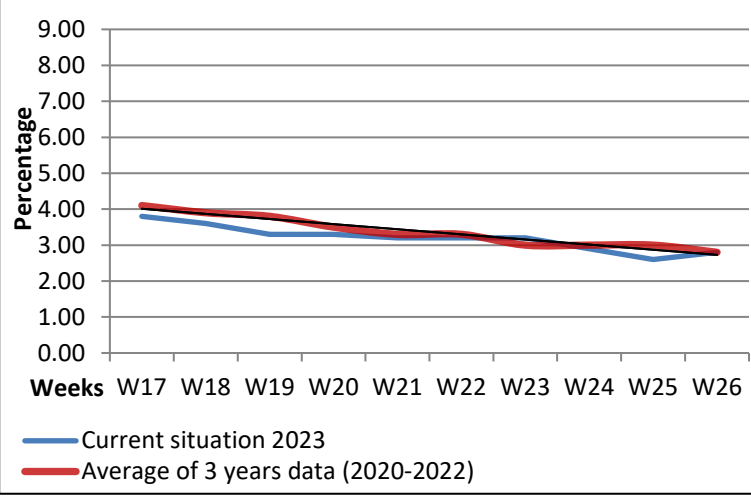


Figure 3: C

Figure 3: D

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

Public COVID19 Sample tested and positivity Rate

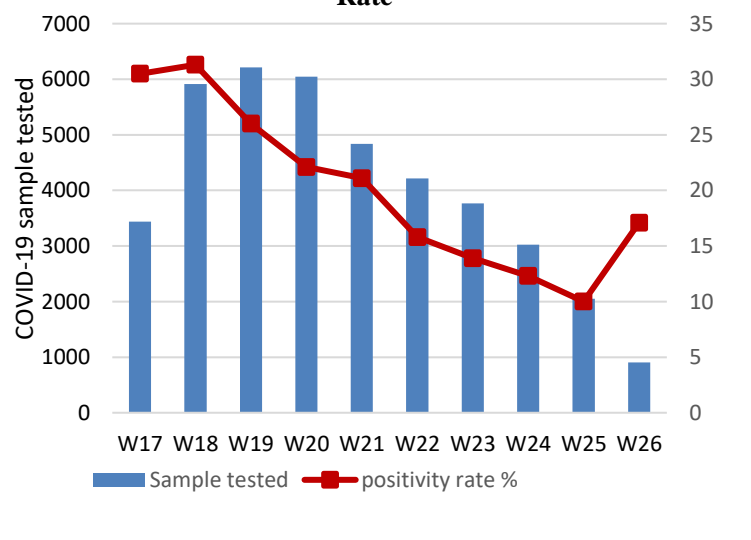
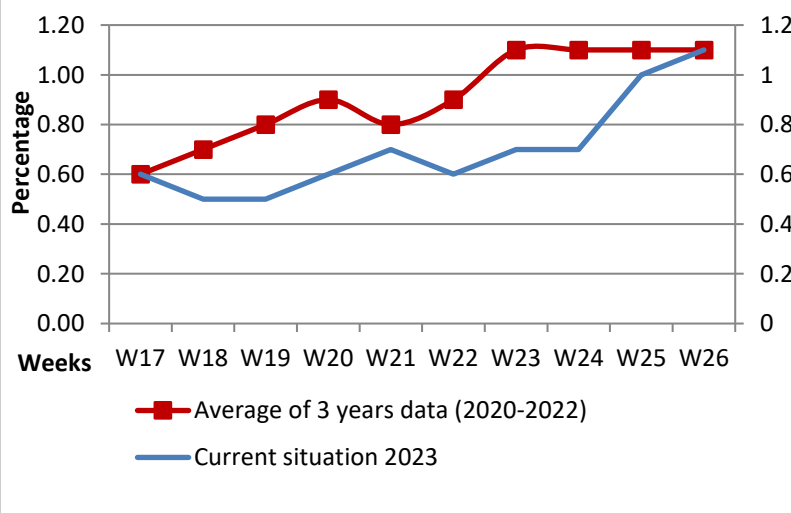


Table 3: Outbreaks in week 26th 2023:

Confirmed CCHF Outbreaks from Kabul, Baghlan, Balkh and Parwan provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
24/06/2023	Kabul	Distrcit 4	Taimani	2	1	During this Week, 04 Confirmed CCHF Outbreaks were reported from Kabul, Baghlan, Balkh and Parwan provinces, and case management was done, health education sessions were conducted for all the cases.
24/06/2023	Baghlan	Doshi	Dahn Zarqha	2	1	
29/06/2023	Balkh	Balkh	Barmazet	3	0	
29/06/2023	Parwan	Charikar	Mianshakh	3	1	

Suspected Measles outbreaks from Ghazni and Wardak provinces							
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage	Recommendation/Action take
25/06/2023	Ghazni	Center	Shams and Sari Ganj	30	0	90% 85%	During this Week, 02 Suspected Measles Outbreaks were reported from Ghazni and Wardak provinces and case management was done. Health education sessions were conducted for all the cases
26/06/2023	Wardak	Said Abad	Koshmon	16	0	54% 42%	

Suspected Scabies outbreak from Kapisa province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
24/6/2023	Kapisa	Center	Sarband Mira	7	0	During this week, 01 Suspected Scabies outbreak was reported from Kapisa province, and case management was done, health education session was conducted for all the cases.

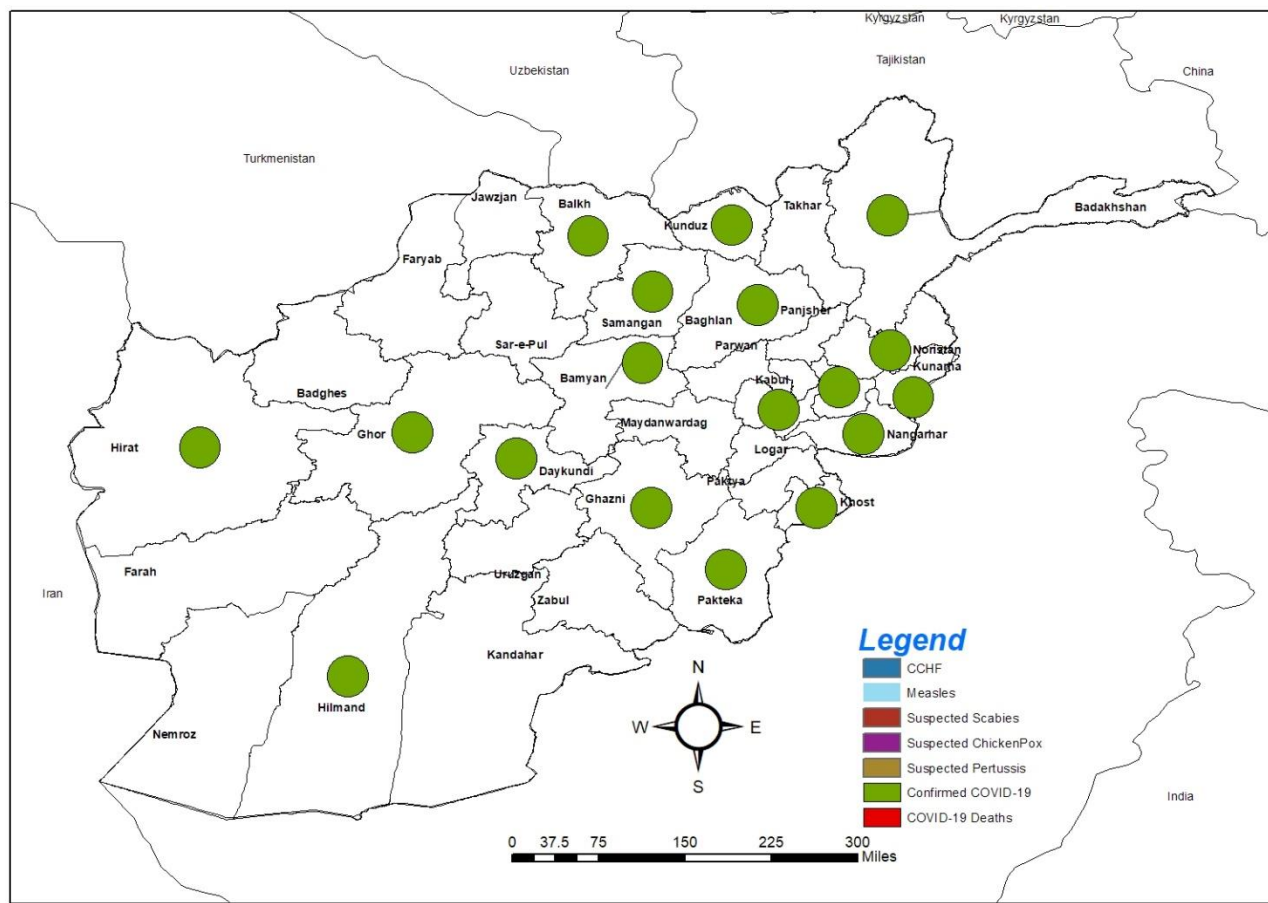
Suspected Chickenpox outbreak from Takhar Province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
26/06/2023	Takhar	Taluqan	Motari Sokhta	24	0	During this Week, 01 Suspected Chickenpox Outbreak was reported from Takhar Province, and case management was done. health education session was conducted for all the cases.

Suspected Pertussis Outbreak from Kapisa Province						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
24/6/2023	Kapisa	Nijrab	Zarshoi	17	0	During this week, 01 Suspected Pertussis outbreak was reported from Kapisa 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 01 July 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	160	101	1966	10
Suspected Chickenpox	127	4	2735	0
Scabies	107	0	4516	0
Mumps	46	3	658	0
Dog bites/Suspected Rabies	40	0	330	0
Pertussis	33	0	520	1
Pneumonia	28	1	1135	24
Malaria	12	12	1504	0
Leishmaniasis	9	1	788	0
CCHF	12	12	121	10
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	600	138	15466	48

Figure 4: Lab confirmed CCHF, Suspected Measles, Suspected Scabies, Suspected Chickenpox and Suspected Pertussis and Covid-19 cases and deaths during the week 26th 2023.



Laboratory surveillance:

A total of **2339** specimens were collected and shipped to CPHL and other regional laboratories. Out of which 34 specimens were confirmed for Malaria, 23 specimens were confirmed for Measles, 07 specimens were confirmed for Acute Viral Hepatitis, 04 specimens were confirmed for Cholera, 03 specimens were confirmed for CCHF and 01 specimen was confirmed for Dengue Fever(Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 26th 2023, we received reports from 08 (unfortunately, we have not any report from Kabul site) out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa, and Paktia). Out of all new hospital admissions, 85 (2.8%) severe acute respiratory infection cases were reported, and 58% were under 5 years old. The proportion of SARI cases was decreased compared to week 25th 2023. 01 SARI-associated death was reported this week. At the 09 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Baghlan (16%), Kapisa (10.6%), and Kandahar (6%). During this Epi-Week, our field staff shipped 18 SARI and 12 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **904** specimens were tested for suspected COVID-19. Out of which **155** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 17.1 % this week, which increased 7,2 % compared to the previous week.
- Out of **155 confirmed** cases, **291** contacts out of **67** 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 **48,696** 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 **403** (IBS+EBS data) measles cases were reported to the surveillance system.
- ARI cough and cold cases are on decreasing (1.2%) trend compared to the last week
- ARI pneumonia cases are on the same trend compared to the last week.
- AWD cases are on the increasing compared to last week (1.6 %) 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 **403** 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.