

Summary:

- Out of **613** functional Surveillance sentinel sites, **604 (98.5%)** have submitted reports this week.
- A total of **634,976** new consultations, of which **235,565 (37.1%)** were due to Surveillance targeted diseases. That included **124,848 (53%)** males and **110,717 (47%) females**. Also, **113,785 (48.3%)** under five years old and **121,780 (51.7%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**110,415 = 17.4%** cases out of total new consultations), Acute Diarrheal Diseases (**101,889 =16%** cases out of total new consultations), and Pneumonia (**16,447 = 2.6%** cases out of total new consultations).
- A total of **294** deaths were reported this week, of which **67 (22.8%)** were due to surveillance-targeted diseases, which include **43 pneumonia** deaths, **13 Suspected Hemorrhagic Fever** deaths, **06 Acute Watery Diarrhea with Dehydration** deaths, **03 Suspected Meninges / Severely Ill Child** deaths and **02 COVID-19** deaths.
- In addition, during this week, **11** outbreaks were reported: (**03 Chickenpox** outbreaks were reported from **Laghman, Takhar and Wardak** provinces, **02 CCHF** outbreaks were reported from **Balkh and Kabul** provinces, **02 Suspected Measles** outbreaks were reported form **Kabul and Nuristan** provinces, **02 Clinical Scabies** outbreaks were reported form **Kapisa and Takhar** provinces, **01 Suspected Food poisoning** outbreak was reported from **Zabul** province and **01 Cat bit** outbreak was reported from **Wardak** province.
- Moreover, **286** COVID-19 confirmed cases and **432** suspected measles cases with **one** death were reported at the national level.

Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2023

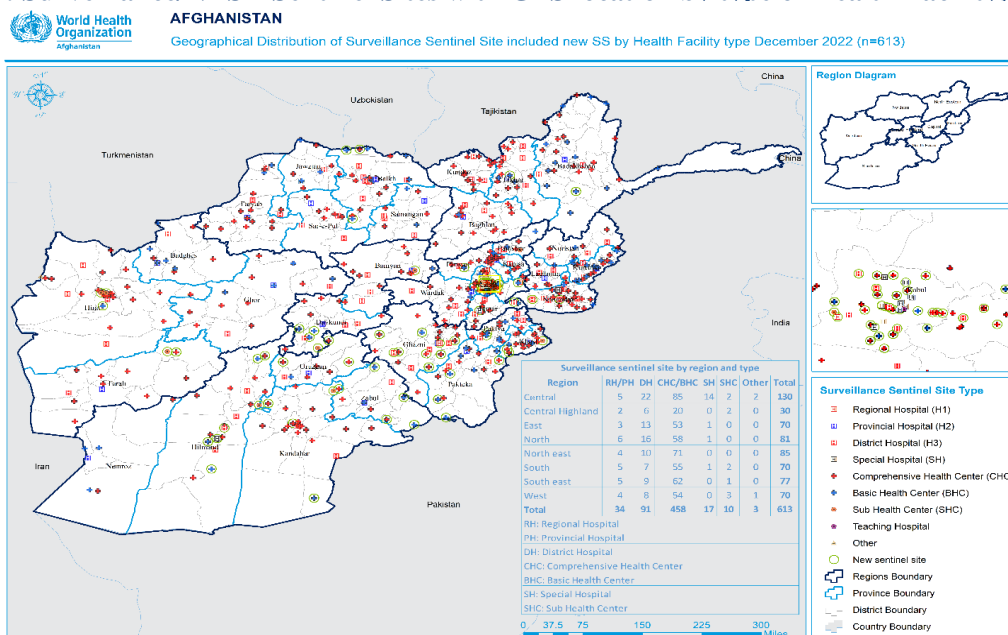


Table 1: Coverage of NDSR Surveillance System

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

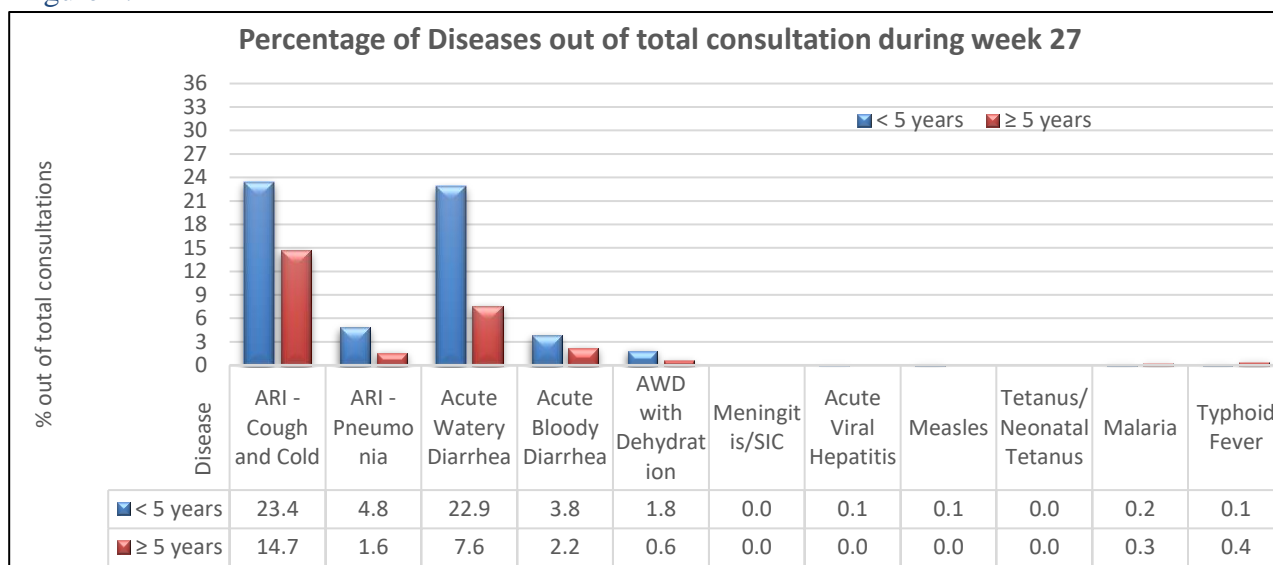


Figure 2: B

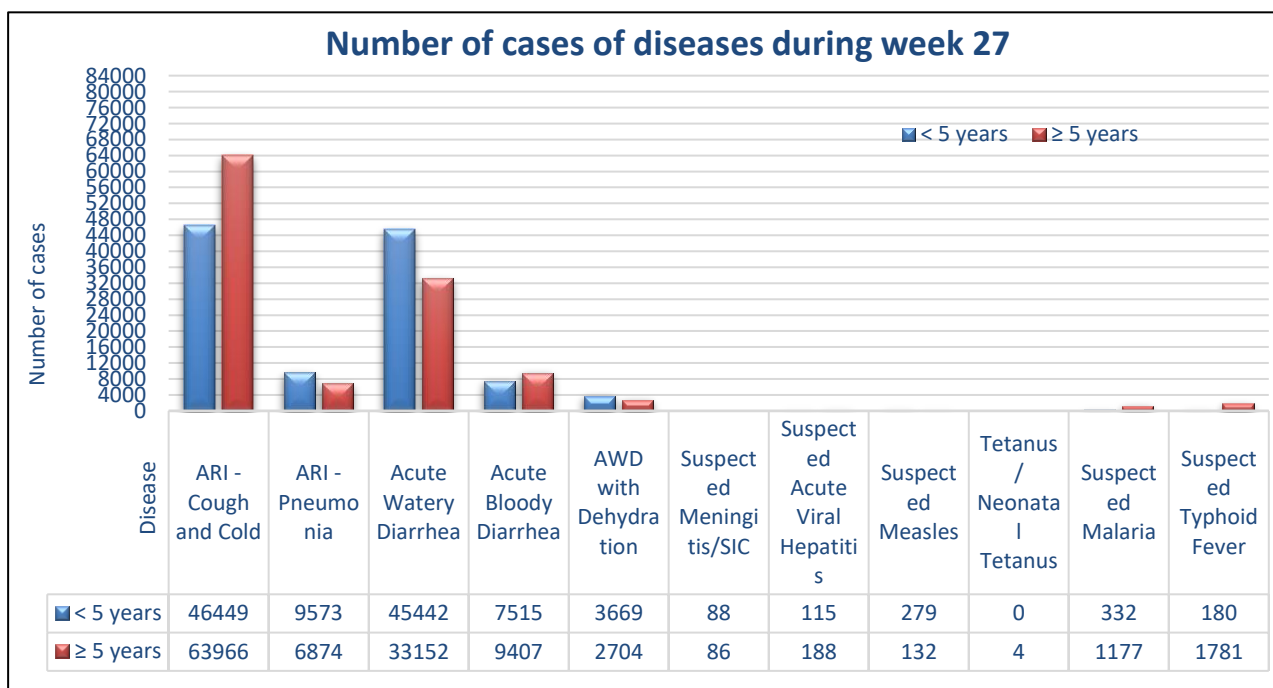


Table 2: IBS Cases and deaths due to VPDs by age group during week 27th 2023

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	279	132	411	0	0	0	0.00

Seasonal Diseases:

Figure 3: A

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

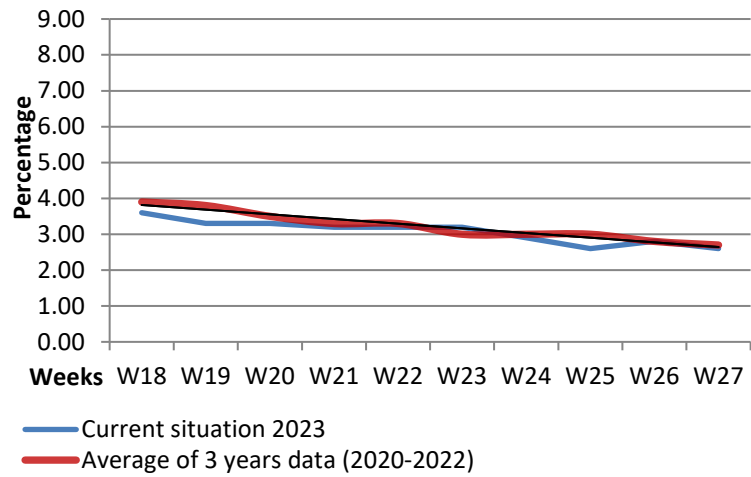


Figure 3: B

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

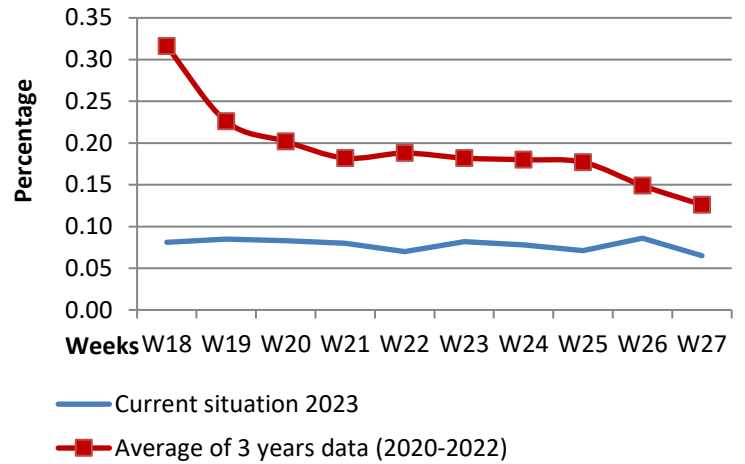


Figure 3: C

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

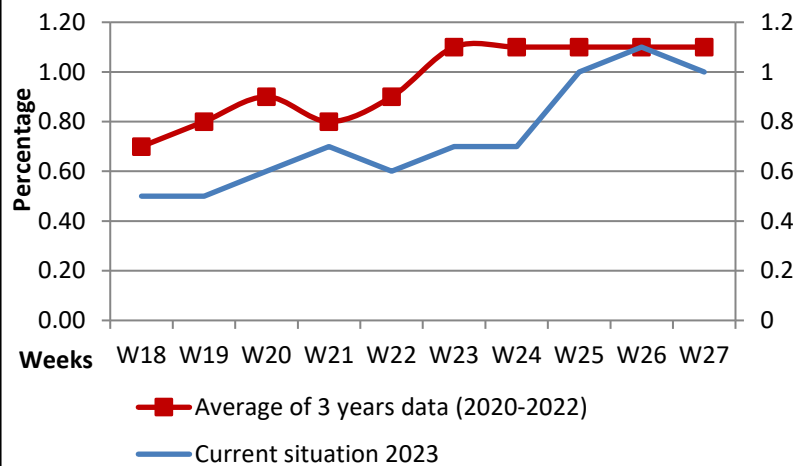


Figure 3: D

Public COVID19 Specimen tested and positivity Rate

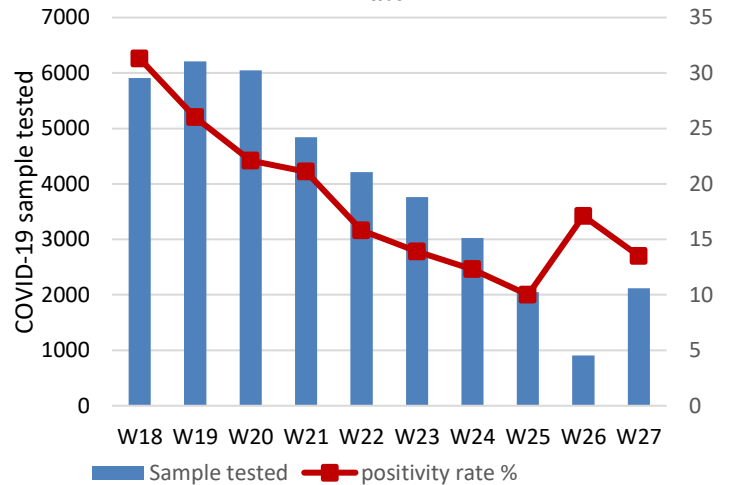


Table 3: Outbreaks in week 27th 2023:

Suspected Chickenpox outbreaks from Laghman, Takhar and Wardak Provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
07/02/2023	Laghman	Mehterlam	Qalacha, Gomain	9	0	During this Week, 03 Suspected Chickenpox Outbreaks were reported from Laghman, Takhar and Wardak Provinces, and case management was done. health education sessions were conducted for all the cases.
08/07/2023	Takhar	Baharak	Nawabad Hambar Koh	28	0	
04/07/2023	Wardak	Chak	Konj Jaghato	14	0	

Confirmed CCHF Outbreaks from Balkh and Kabul provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
08/07/2023	Balkh	08/07/2023	Bandar Kileft	2	0	During this Week, 02 Confirmed CCHF Outbreaks were reported from Balkh and Kabul provinces, and case management was done, health education sessions were conducted for all the cases.
06/07/2023	Kabul	06/07/2023	Shewaki	2	0	

Suspected Measles outbreaks from Kabul and Nuristan provinces							
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage	Recommendation/Action take
06/07/2023	Kabul	Paghman	Bagh Dawood	6	0	NA	During this week, 02 Suspected Measles Outbreaks were reported from Kabul and Nuristan provinces and case management was done. Health education sessions were conducted for all the cases
02/07/2023	Nuristan	Want Waigal	Uper Kung Kali	15	1	20%	

Suspected Scabies outbreaks from Kapisa and Takhar provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
03/07/2023	Kapisa	Center	Dado Khail	10	0	During this week, 02 Suspected Scabies outbreaks were reported from Kapisa and Takhar province, and case management was done, health education sessions were conducted for all the cases.
04/07/2023	Takhar	Taluqan	Zarqari Bala	25	0	

Food Poisoning Outbreak from Zabul Province						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
06/07/2023	Zabul	Qalat	Qalat	14	0	During this week, 01 Food Poisoning outbreak was reported from Zabul province, and case management was done. Health education session was conducted for all the cases.

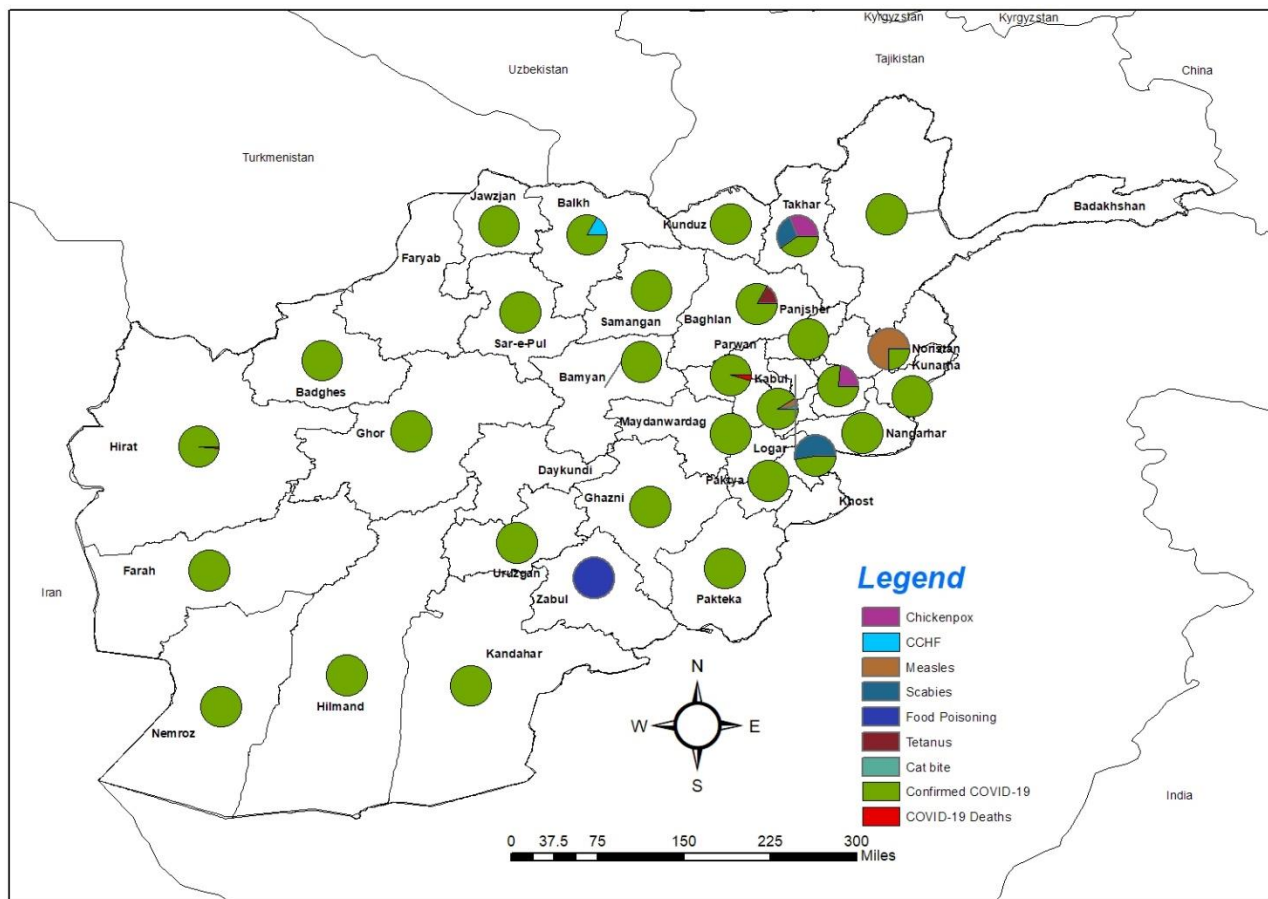
Cat bite Outbreak from Wardak Province

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
02/07/2023	Wardak	Chak	Shahbaz Khan	5	0	During this week, 01 Cat bit outbreak was reported from Wardak 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 08 July 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	162	101	1987	11
Suspected Chickenpox	130	4	2786	0
Scabies	109	0	4551	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	14	14	123	10
Food poisoning	7	0	75	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
Cat bites/Suspected Rabies	1	0	5	0
Grand Total	611	140	15596	49

Figure 4: Suspected Chickenpox, CCHF, Measles, Scabies, Food Poisoning, Cat bite and Covid-19 cases and deaths during the week 27th 2023.



Laboratory surveillance:

A total of **3711** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **44** specimens were confirmed for Malaria, **06** specimens were confirmed for Measles, **13** specimens were confirmed for Acute Viral Hepatitis, **09** specimens were confirmed for Cholera, **07** specimens were confirmed for CCHF and **02** specimen were confirmed for Dengue Fever(Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 27th 2023, we received reports from 08 (unfortunately, we have not any report form Kabul site) out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa, and Paktia). Out of all new hospital admissions, 110 (3.3%) severe acute respiratory infection cases were reported, and 66% were under 5 years old. The proportion of SARI cases was increased compared to week 26th 2023. 0 SARI-associated death was reported this week. At the 09 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Bamyan (16.9%), Baghlan (15%), and Kapisa (10.6%). During this Epi-Week, our field staff shipped 24 SARI and 16 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **2117** specimens were tested for suspected COVID-19. Out of which **286** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 13.5 % this week, which decreased 3.6 % compared to the previous week.
- Out of **286 confirmed** cases, **441** contacts out of **96** 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 **295,581** 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 **432** (IBS+EBS data) measles cases were reported to the surveillance system.
- ARI cough and cold cases are on decreasing trend compared to the last week
- ARI pneumonia cases are on decreasing (0.8%) trend compared to the last week.
- AWD cases are on the increasing 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 **432** 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.