

Ministry of Public Health

Monitoring Evaluation & Health Information System GD

وزارت صحت عامه

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ریاست عمومی نظارت ارزیابی و سیستم معلومات صحی

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National Disease Surveillance
& Response (NDSR)

NDSR Weekly Epidemiological Report 26th

Date: 23 – 29/06/2024

Summary:

- Out of **613** functional surveillance sentinel sites, **611 (99.7%)** have submitted reports this week.
- A total of **711,765** new consultations, of which **259,190 (36.4%)** were due to Surveillance targeted diseases. That included **136,759 (52.8%) males** and **122,431 (47.2%) females**. Also, **124,955 (48.2%)** people under five years old and **134,235 (51.8%)** people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**126,452 = 17.8%** cases out of total new consultations), Acute Diarrheal Diseases (**107,332 = 15.1%** cases out of total new consultations), and Pneumonia (**17,045 = 2.4%** cases out of total new consultations).
- A total of **308** deaths were reported this week, of which **69 (22.4%)** deaths were due to surveillance-targeted diseases, which include **50 ARI Pneumonia** deaths, **05 suspected Hemorrhagic Fever** deaths, **04 Suspected Meningitis** deaths, **04 suspected Measles** deaths, **04 Acute Watery Diarrhea with Dehydration** deaths, **01 Acute Viral Hepatitis** death and **01 COVID-19** death.
- In addition, during this week, **25** outbreaks were reported: **06 CCHF** outbreaks were reported from Kapisa, Kabul and Kunduz provinces, **06 Clinical Scabies** outbreaks were reported form Helmand, Khost, Herat, Kapisa, Paktia and Panjshir provinces, **05 suspected Measles** outbreaks were reported from Badghis, Kandahar, Ghazni, Logar and Pakita **04 AWD with Dehydration** outbreaks were reported form Nangarhar and Laghman provinces, **01 Clinical Chickenpox** outbreak was reported form Balkh province, **01 Dog bite/suspected Rabies** outbreak was reported form Paktia province, **01 Food Poisoning** outbreak was reported form Logar province and **01 Suspected Pertussis** outbreak was reported from Panjshir province.

Moreover, **146** COVID-19 confirmed cases and **1687** suspected Measles cases (IBS) were reported at the national level.

Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2024

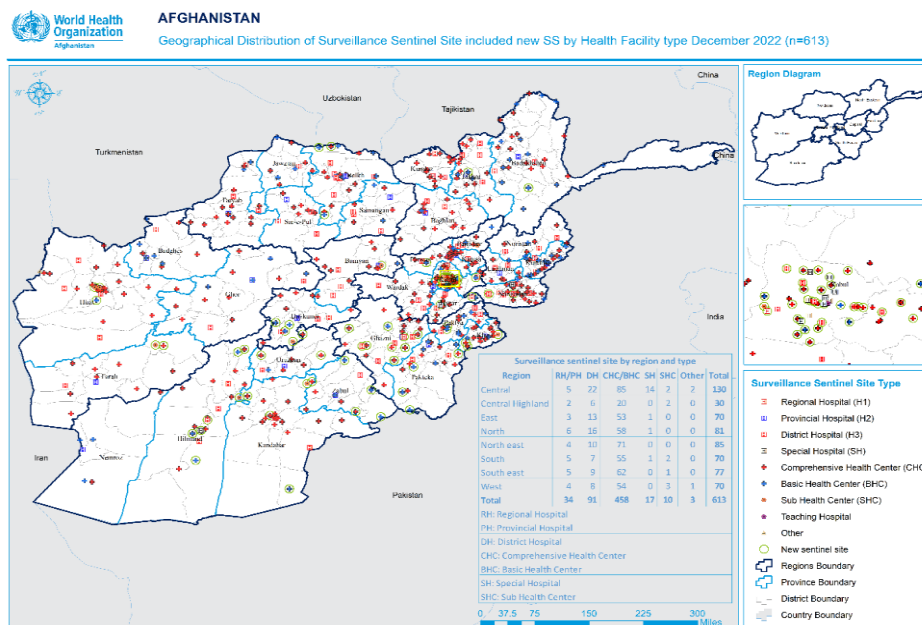


Table 1: Coverage of NDSR Surveillance System

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

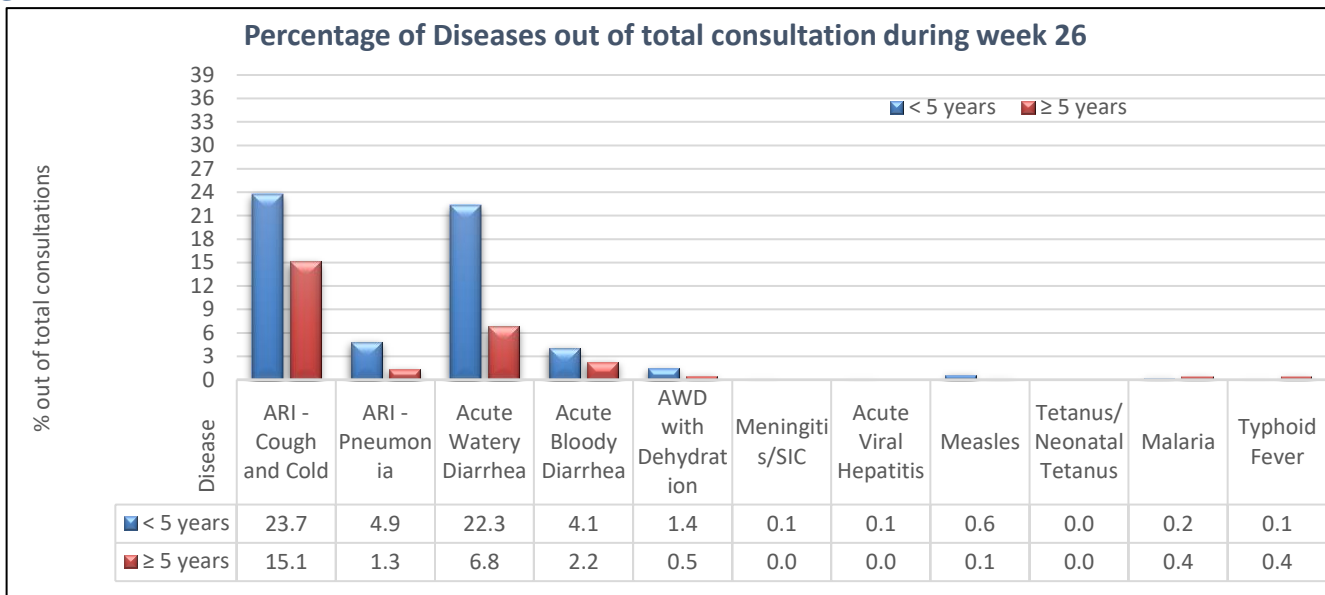
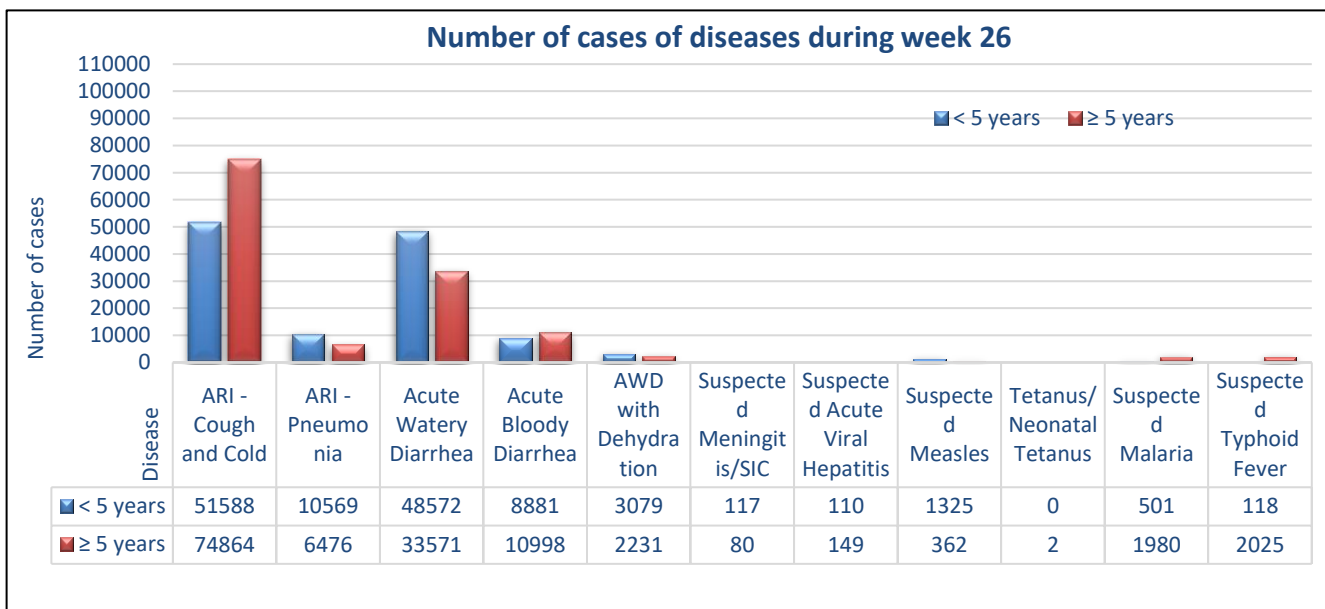


Figure 2: B



Seasonal Diseases:
Figure 3: A

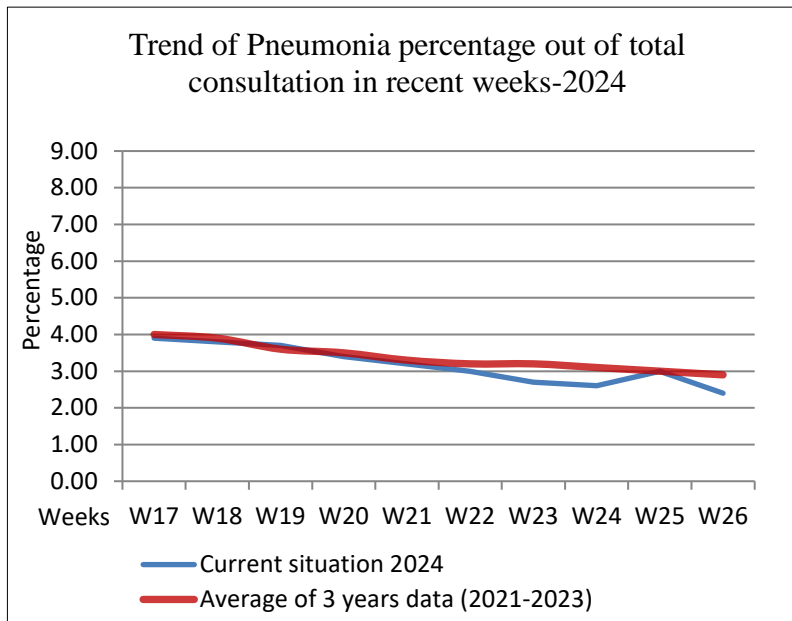


Figure 3: B

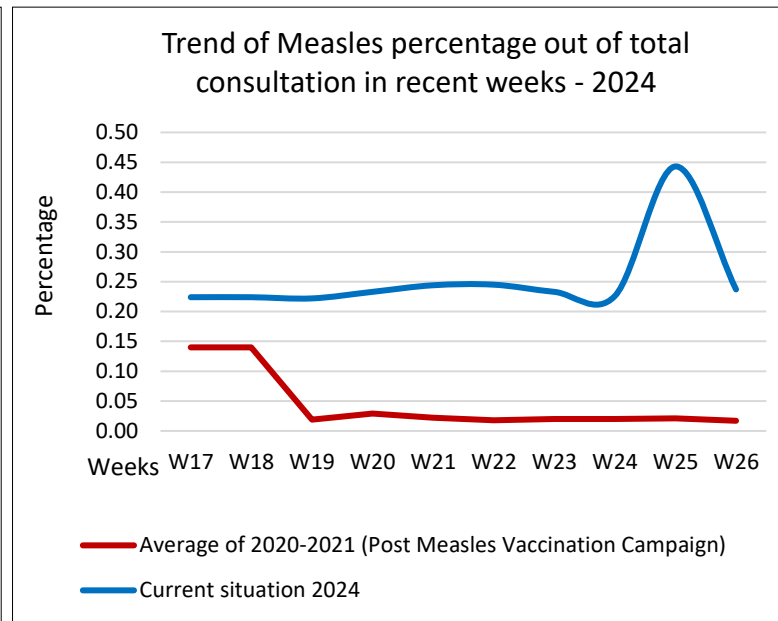


Figure 3: C

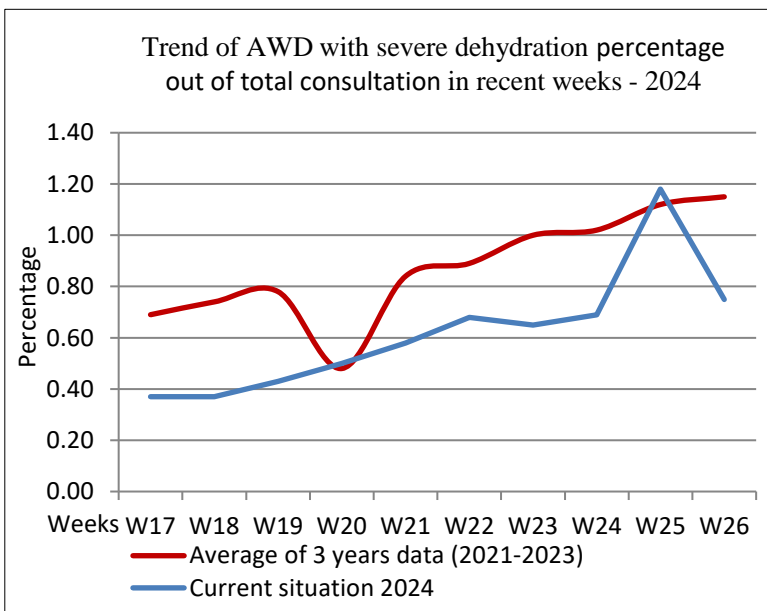


Figure 3: D

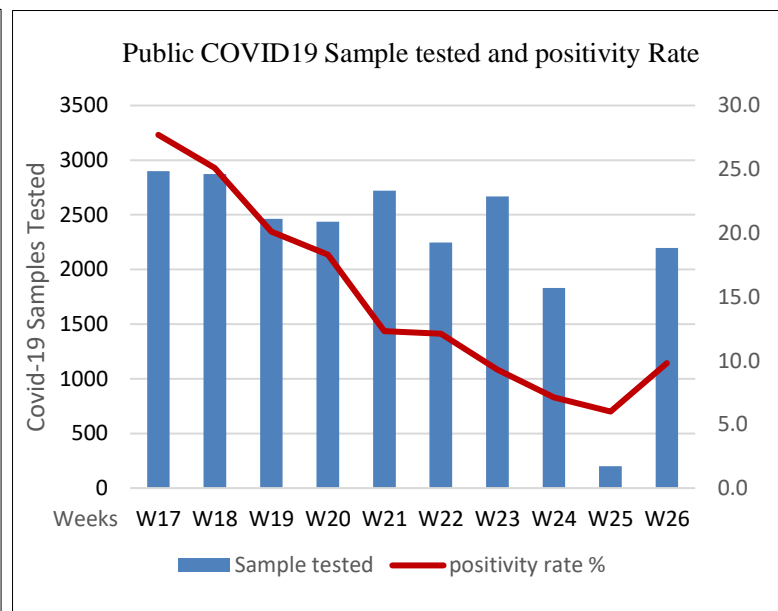


Table 3: Outbreaks in Week 26th 2024:

AFGHANISTAN INFECTIOUS DISEASE OUTBREAKS REPORT Epidemiological week #26-2024								
Event / Diseases Name	Reported date	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage, If VPD	
							Related HF reported coverage	Field Estimated Coverage
CCHF	26/6/24	Kapisa	Center	Nawabad	3	0	NA	NA
	22/6/24	Kabul	Bagrami	Hussainkheil	3	0	NA	NA
	23/6/24		10	Chahar Qala E Wazirabad	6	0	NA	NA
	25/6/24		10	Shirpur	2	0	NA	NA
	27/6/24		11	Golayee Cinema	2	0	NA	NA
	22/6/24	Kunduz	Emam Sahib	Ajghan Arabia	1	0	NA	NA
Clinical Scabies	26/6/24	Helmand	Lashkargha	Khudai-Nazar	9	0	NA	NA
	26/6/24	Khost	Matoon (Center)	Lakan	19	0	NA	NA
	23/6/24	Herat	Guzarah	Aziz Abad	119	0	NA	NA
	25/6/24	Kapisa	Kohistan-2	Shikhchi	20	0	NA	NA
	23/6/24	Paktia	Gardez	Baladah	18	0	NA	NA
	25/6/24	Panjshir	Paryan	Tull	6	0	NA	NA
AWD with Dehydration	24/6/24	Nangarhar	Jalalabad	Kabul Hada Zone Five	5	0	NA	NA
	24/6/24		Dehballa	Loye Papin	2	0	NA	NA
	24/6/24		Achine	Abdul Khil Tangi	1	0	NA	NA
	27/6/24	Laghman	Qarghaee	Ahmadzai Mullakhil, Charbagh	7	0	NA	NA
Suspected Measles	25/6/24	Badghis	Ghormach	Moh Osman	19	0	43%	16%
	25/6/24	Kandahar	Ghorak	Chinarak	12	1	63%	45%
	24/6/24	Ghazni	Center	Khashik	12	0	45%	0%
	22/6/24	Logar	Charkh	Dabar Khwaja	6	0	80%	40%
	25/6/24	Paktia	Gardez	Mia Noor	6	0	80%	0%
Clinical Chickenpox	23/6/24	Balkh	Sholgara	Jar Sayedhaa	8	0	NA	NA
Dog bite / suspected Rabies	28/6/24	Paktia	Sayed Karam	Khan Khil	6	0	NA	NA
Food Poisoning	27/6/24	Logar	Puli Alam	Qalai Sayeda	19	0	NA	NA

Suspected Pertussis	24/6/24	Panjshir	Paryan	Tull	80	0	107%	67%
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Figure 4: CCHF, Clinical Scabies, AWD with Dehydration, Suspected Measles, Clinical Chickenpox, Dog bite/suspected rabies, Food poisoning, Pertussis, COVID-19 cases, and deaths during the week 26th 2024.

Distribution of outbreak cases and deaths during the week 26, 2024 by Provinces

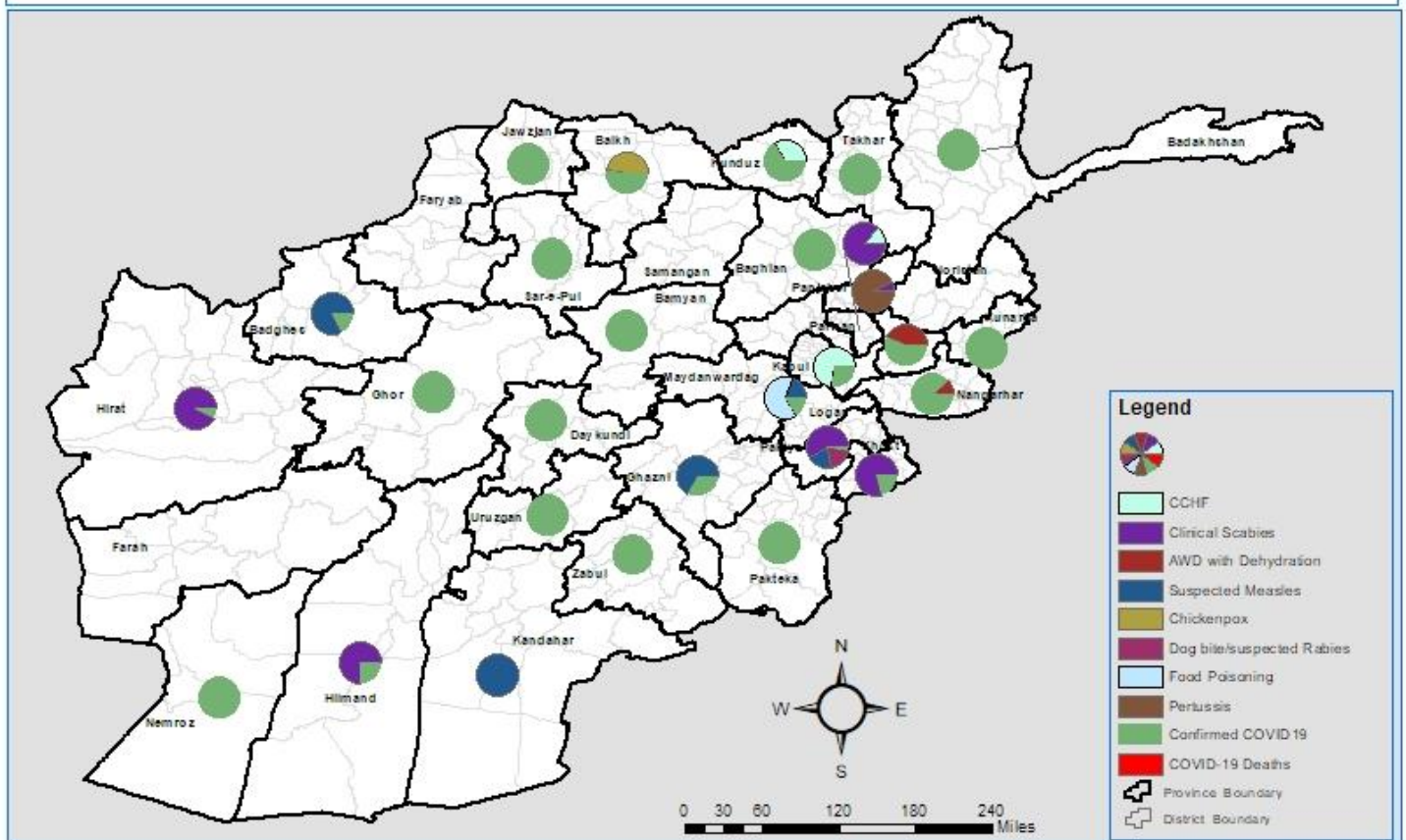


Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 29 June 2024)

Disease/Event	Disease/Event	Lab-Confirm	Total Cases	Total Deaths
Scabies	290	0	10502	0
Measles	287	60	3434	25
Suspected Chickenpox	184	2	3169	0
Dog bites/Suspected Rabies	55	0	430	0
Pertussis	5	0	135	0
Mumps	15	0	428	0
Impetigo	2	0	79	0
Leishmaniasis	4	2	371	0
Pink Eye	3	0	29	0
ARI/Pneumonia	8	0	300	10

Food Poisoning	10	0	153	0
Dengue Fever	2	1	40	0
Typhoid Fever	4	0	96	0
CCHF	8	8	22	8
ARI cough and cold	1	0	55	0
Neonatal Tetanus	2	2	4	1
COVID-19	4	3	213	4
Anthrax	3	0	3	0
Acute Watery Diarrhea + Dehydration	14	14	50	0
Confirmed Malaria	14	14	1847	0
Acute Bloody Diarrhea	1	0	43	0
Grand Total	916	106	21403	48

Laboratory surveillance:

A total of **3259** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **01** specimens were confirmed for Acute Viral Hepatitis, **150** specimens were confirmed for Measles and **50** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 26th 2024, we have received reports from all ten influenza sites (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa, Paktia, and Badakhshan) provinces. Out of all new hospital admissions, 535 (11,3%) Severe Acute Respiratory Infections cases were reported, and 284 (53%) were under 5 years old. The proportion of SARI cases increased compared to weeks 25–2024. 19 SARI-associated deaths were reported this week. At the 10 Influenza sentinel sites, the top sites with the highest proportion of SARI cases were Kabul (41%), Bamyan (32,4%), and Paktia (30%). During this week, our field staff collected 30 SARI and 20 ILI specimens, which were then shipped to the NIC in Kabul.

COVID-19 Surveillance activities:

This week, **1849** specimens were tested for the suspected COVID-19. Out of which **146** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 7.9% this week, which increased 1.9% compared to the previous week.
- Out of **146 confirmed** cases, **317** contacts out of **80** 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 **24,328** passengers have been screened for COVID-19 at the two points of entry in (Herat and Nimroz) provinces.

Challenges:

- Measles cases are still a public health concern in the country.
- Scabies cases are on increasing trend as a public health challenge due to unimproved lifestyle of the community.
- Chickenpox cases are on increasing trend, and it is recommended to provide its vaccine through the national EPI.

- Dog-bite cases are on increasing trend, and it is recommended to provide its control measure through the Zoonotic committee in national level.
- Diarrheal diseases are on the increasing trend compared to the previous week.
- COVID-19 preventive and control measures should be strengthened.
- 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 **1743 (IBS+EBS)** suspected Measles cases with **06 (IBS+EBS)** deaths 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.