

# Ministry of Public Health

## Monitoring Evaluation & Health Information System GD

وزارت صحت عامه

Diseases Surveillance Department

د عامی روغتیا وزارت

ریاست عمومی نظارت ارزیابی و سیستم معلومات صحی

د څارنی ارزونی او روغتیایی معلوماتو د سیستم عمومی ریاست

دیپارتمنت سرویلانس امراض

د ناروغیو د سرویلانس دیپارتمنت

National Disease Surveillance  
& Response (NDSR)

NDSR Weekly Epidemiological Report 27<sup>th</sup>

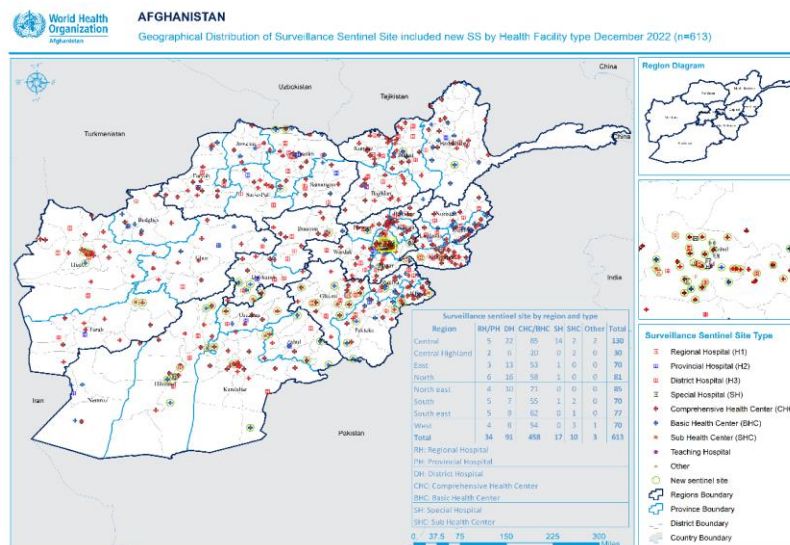
Date: 30/06 – 06/07/2024

### Summary:

- Out of **613** functional surveillance sentinel sites, **611 (99.7%)** have submitted reports this week.
- A total of **717,723** new consultations, of which **255,943 (35.7%)** were due to Surveillance targeted diseases. That included **135,035 (52.8%) males** and **120,908 (47.2%) females**. Also, **125,135 (48.9%)** people under five years old and **130,808 (51.1%)** people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**122,444 = 17.1%** cases out of total new consultations), Acute Diarrheal Diseases (**108,932 = 15.2%** cases out of total new consultations), and Pneumonia (**16,160 = 2.3%** cases out of total new consultations).
- A total of **387** deaths were reported this week, of which **98 (25.4%)** deaths were due to surveillance-targeted diseases, which include **61 ARI Pneumonia** deaths, **13 suspected Measles** deaths, **10 Suspected Meningitis** deaths, **06 suspected Hemorrhagic Fever** deaths, **04 Acute Watery Diarrhea with Dehydration** deaths, **03 Acute Viral Hepatitis** deaths and **01 COVID-19** death.
- In addition, during this week, **27** outbreaks were reported: **09 Suspected Measles** outbreaks were reported from Ghazni, Helmand, Kabul, Kandahar, Pakria, Wardak and Zabul provinces, **06 Clinical Scabies**, outbreaks were reported from Panjshir, Logar, Nuristan and Wardak provinces, **03 Clinical Chickenpox** outbreak were reported form Kabul, Parwan and Takhar provinces, **02 AWD with Dehydration** outbreaks were reported form Laghman and Nangarhar provinces, **02 Dog bite/suspected Rabies** outbreak were reported form Laghman and Takhar provinces, **01 Pertussis** outbreak was reported form Ghazni province, **01 CCHF** outbreak was reported from Kabul province, **01 Clinical Impetigo** outbreak was reported from Kunduz province, **01 Maaria** outbreak was reported from Parwan province and **01 Food Poisoning** outbreak was reported from Urozgan province.

Moreover, **149** COVID-19 confirmed cases and **1600** suspected Measles cases (IBS) were reported at the national level.

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



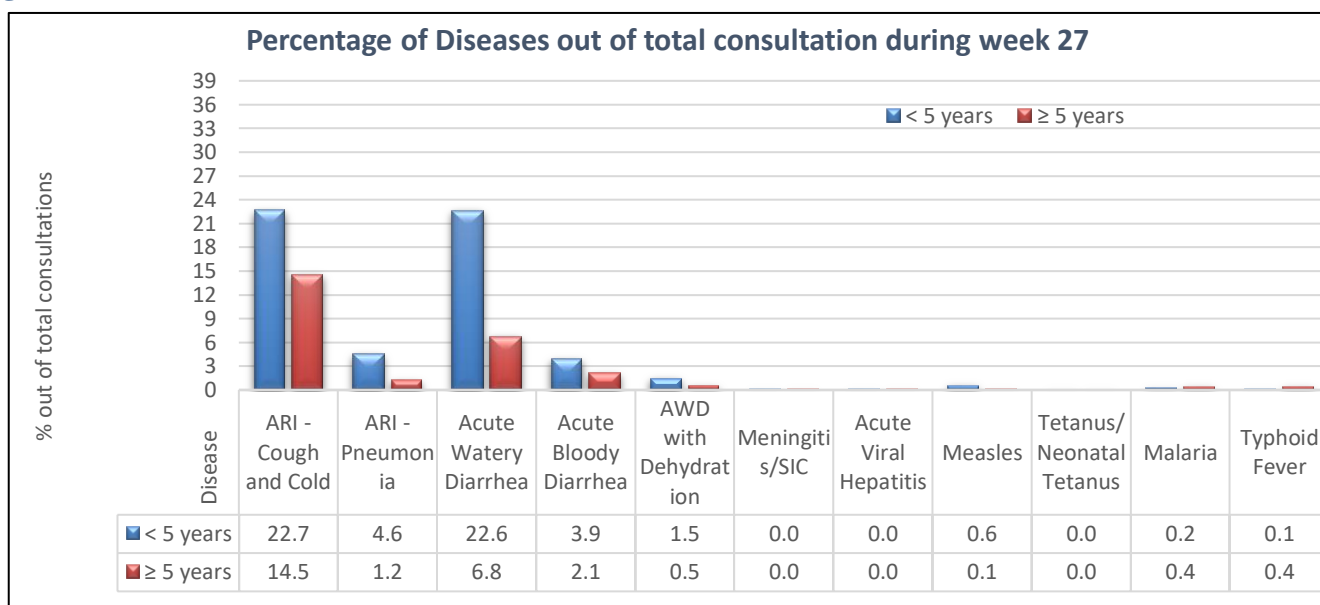
**Table 1: Coverage of NDSR Surveillance System**

Type of Health Facility	RH	PH	DH	CHC	BHC	NH/ Special Hospital	SHC	Other	Total
<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>	8	26	90	348	111	17	10	3	613

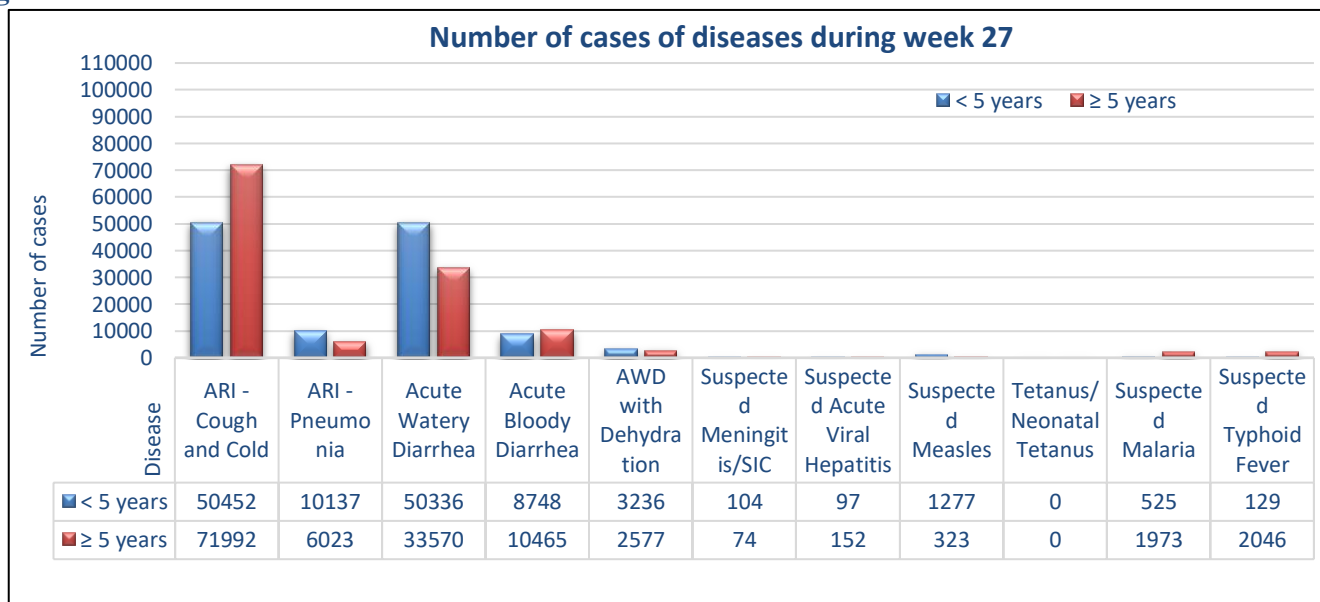
**Indicator – based Surveillance (IBS):**

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.

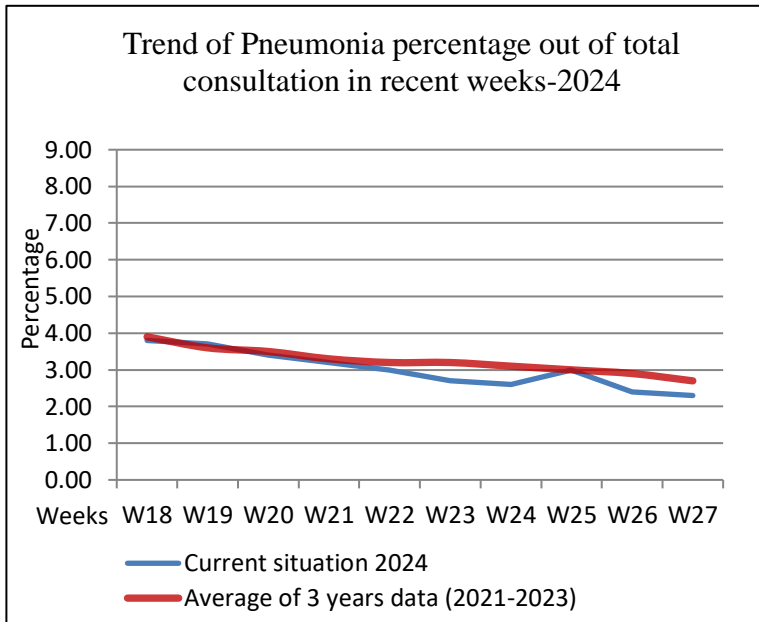
**Figure 2: A**



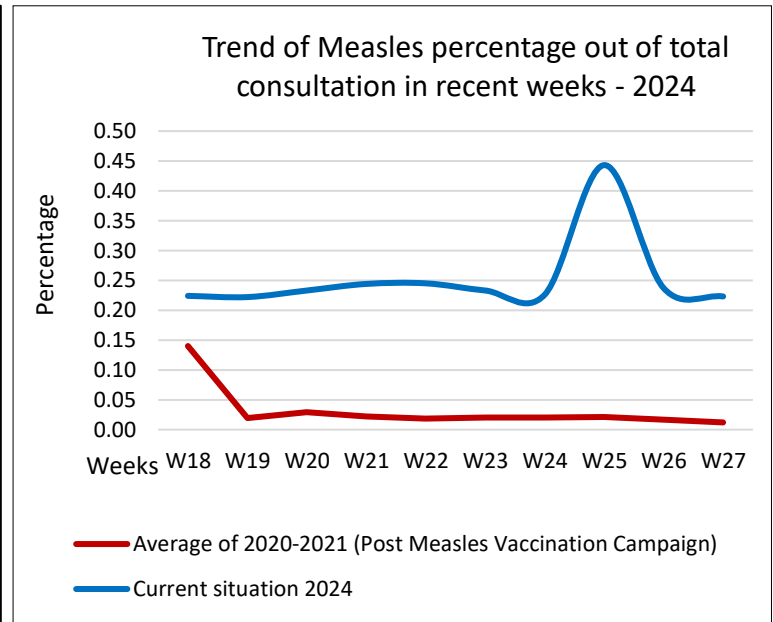
**Figure 2: B**



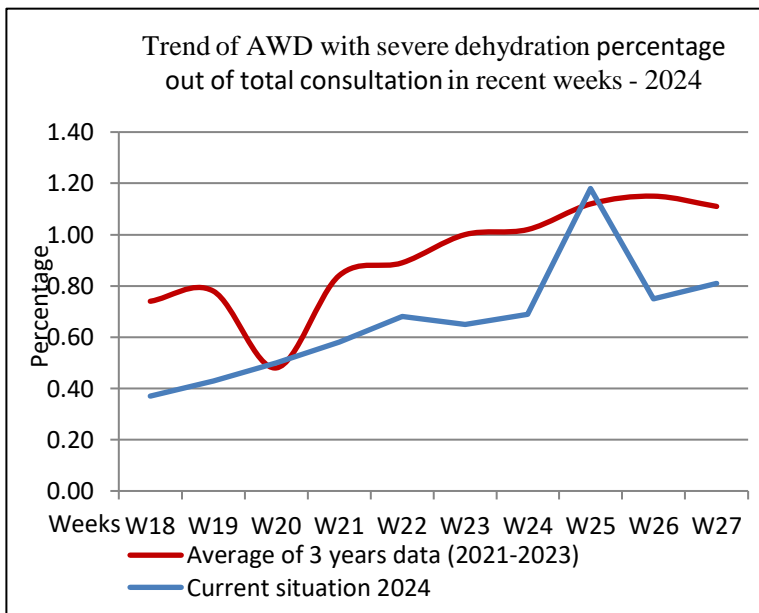
**Seasonal Diseases:**  
**Figure 3: A**



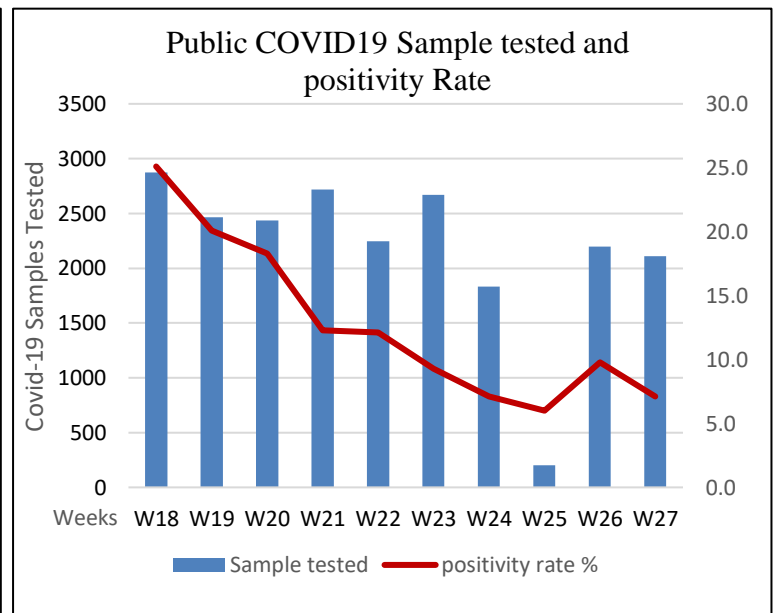
**Figure 3: B**



**Figure 3: C**



**Figure 3: D**

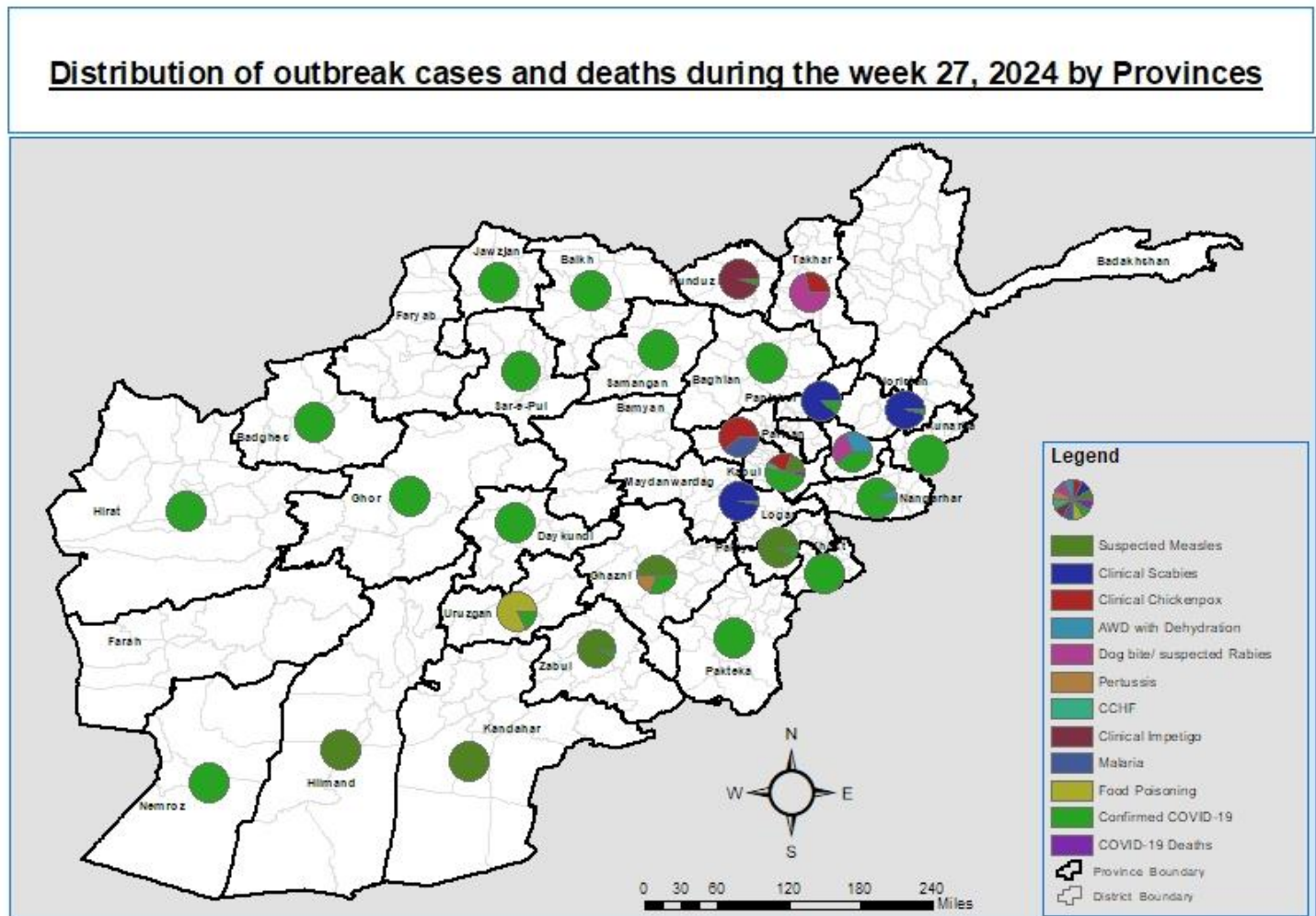


**Table 3: Outbreaks in Week 27<sup>th</sup> 2024:**

AFGHANISTAN   INFECTIOUS DISEASE OUTBREAKS REPORT   Epidemiological week #27-2024								
Event / Diseases Name	Reported date	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage, If VPD	
							Related HF reported coverage	Field Estimated Coverage
Suspected Measles	30/6/24	Ghazni	Deyak	Baliay	13	0	58%	0%
	01/7/24		Center	Sharak Ramazan	8	0	50%	0%
	05/7/24	Helmand	Nahri-Saraj	Nawe-Sarak	11	0	85%	20%
	03/7/24	Kabul	Bagrami	Shahrak Mirwais	7	0	99%	30%
	05/7/24	Kandahar	Shah-Walikota	Kajor	6	2	60%	30%
	02/7/24	Paktia	Gardiz	Zargarqala	9	0	80%	0%
	04/7/24	Wardak	Said Abad	Salar	10	0	80%	76%
	01/7/24	Zabul	Qalat	Zuzgar	19	0	95%	27%
	29/6/24		Tranko Jaldak	Qaum Agha	6	1	31%	92%
Clinical Scabies	30/6/24	Logar	Puli Alam	Levai Urdoi Mili	42	0	NA	NA
	01/7/24	Nuristan	Barg-E-Matal	Nekmok Hamza Madrasa	31	0	NA	NA
	01/7/24	Panjshir	Hisa Awal	Zena	8	0	NA	NA
	29/6/2024	Wardak	Center	Nasir Abad	19	0	NA	NA
	01/7/24		Said Abad	Milad Nabi High School	101	0	NA	NA
	01/7/24		Said Abad	Milad Nabi High School	101	0	NA	NA
Clinical Chickenpox	03/7/24	Kabul	Mirbacha Kot	Dako	7	0	NA	NA
	01/7/24	Parwan	Charikar	Khwaja Syaran Bala	22	0	NA	NA
	02/7/24	Takhar	Taloqan	Motar Sukhta-Qolbars	5	0	NA	NA
AWD with Dehydration	03/7/24	Laghman	Mehterlam	Gomain	6	0	NA	NA
	02/7/24	Nangarhar	Sorkhroad	Ganda Cheshma	1	0	NA	NA
Dog bite / suspected Rabies	29/6/24	Laghman	Mehterlam	Wakeel Abad	6	0	NA	NA
	05/7/24	Takhar	Taloqan	Choob Boor And Post Khor	12	0	NA	NA
Pertussis	05/7/24	Ghazni	Center	Sharak Abironi	8	0	43%	25%

<b>CCHF</b>	03/7/24	Kabul	7	Chehelstoon	2	1	NA	NA
<b>clinical Impetigo</b>	27/7/24	Kunduz	Emam Sahib	Qarawol	20	0	NA	NA
<b>Malaria</b>	02/7/24	Parwan	Bagram	Qalla-E-Zhala	14	0	NA	NA
<b>Food poisoning</b>	06/7/24	Urozgan	Tarin-Kot	Aborda	5	0	NA	NA

**Figure 4:** Suspected Measles, Clinical Scabies, Clinical Chickenpox, AWD with Dehydration, Dog bite/suspected Rabies, Pertussis, CCHF, Clinical Impetigo, Malaria, Food Poisoning, COVID-19 cases, and deaths during the week 27<sup>th</sup> 2024.



**Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 06 July 2024)**

<b>Disease/Event</b>	<b>Disease/Event</b>	<b>Lab-Confirm</b>	<b>Total Cases</b>	<b>Total Deaths</b>
Scabies	296	0	10804	0
Measles	296	60	3523	28
Suspected Chickenpox	187	2	3203	0
Dog bites/Suspected Rabies	57	0	448	0
Pertussis	6	0	143	0

Mumps	15	0	428	0
Impetigo	3	0	99	0
Leishmaniasis	4	2	371	0
Pink Eye	3	0	29	0
ARI/Pneumonia	8	0	300	10
Food Poisoning	11	0	158	0
Dengue Fever	2	1	40	0
Typhoid Fever	4	0	96	0
CCHF	9	9	24	9
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	16	16	57	0
Confirmed Malaria	15	15	1861	0
Acute Bloody Diarrhea	1	0	43	0
<b>Grand Total</b>	<b>943</b>	<b>110</b>	<b>21902</b>	<b>52</b>

#### Laboratory surveillance:

A total of **3676** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **02** specimens were confirmed for Acute Viral Hepatitis, **121** specimens were confirmed for Measles and **47** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

#### Influenza Surveillance activities:

In Epidemiological Week 27<sup>th</sup> 2024, we have received reports from all ten influenza sites (Kabul, Kandahar, Balkh, Herat, Bamyán, Baghlan, Nangarhar, Kapisa, Paktia, and Badakhshan) provinces. Out of all new hospital admissions, 518 (10%) Severe Acute Respiratory Infections cases were reported, and 275 (53%) were under 5 years old. The proportion of SARI cases decreased compared to weeks 26–2024. 20 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 (42%), Paktia (29%), and Bamyán (25,2%). 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, **2110** specimens were tested for the suspected COVID-19. Out of which **149** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 6.1% this week, which decreased 1.7% compared to the previous week.
- Out of **149 confirmed** cases, **299** contacts out of **78** 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 **27,435** 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 **1689 (IBS+EBS)** suspected Measles cases with **063 (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.