

# 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 روغتیايي معلوماتو د سیستم عمومی ریاست

دبپارتمنت سرویلانس امراض

د ناروغیو د سرویلانس دبپارتمنت

National Disease Surveillance  
& Response (NDSR)

### NDSR Weekly Epidemiological Report 29<sup>th</sup>

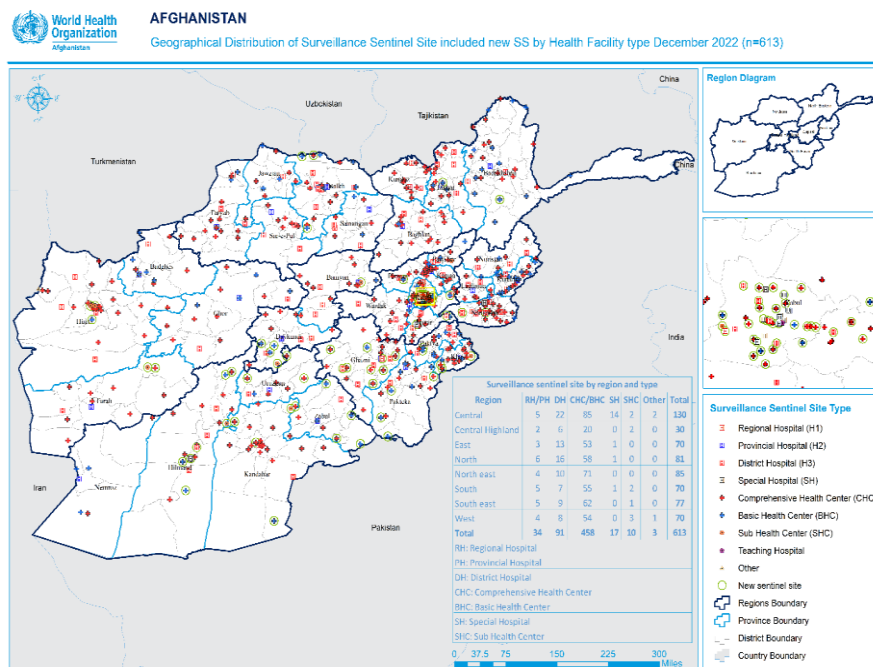
Date: 14 – 20 /07/2024

#### Summary:

- Out of **613** functional surveillance sentinel sites, **611 (99.7%)** have submitted reports this week.
- A total of **711,931** new consultations, of which **255,612 (35.9%)** were due to Surveillance targeted diseases. That included **134,801 (52.7%) males** and **120,811 (47.3%) females**. Also, **123,779 (48.4%)** people under five years old and **131,833 (51.6%)** people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**119,526 = 16.8%** cases out of total new consultations), Acute Diarrheal Diseases (**112,407 = 15.8%** cases out of total new consultations), and Pneumonia (**15,311= 2.2%** cases out of total new consultations).
- A total of **390** deaths were reported this week, of which **72 (18.5%)** deaths were due to surveillance-targeted diseases, which include **50 ARI Pneumonia** deaths, **03 suspected Measles** deaths, **07 Suspected Meningitis** deaths, **03 suspected Hemorrhagic Fever** deaths, **03 Acute Viral Hepatitis** deaths, **03 Acute Watery Diarrhea with Dehydration** deaths, **02 COVID-19** deaths and **01 Neonatal Tetanus** death.
- In addition, during this week, **21** outbreaks were reported: **08 Suspected Measles** outbreaks were reported from Badakhshan, Faryab, Ghazni, Khost, Paktika, Wardak, Urozgan and Zabul provinces, **06 Clinical Scabies** outbreaks were reported from Kunar, Laghman, Paktia, Panjshir and Wardak provinces, **05 Clinical Chickenpox** outbreaks were reported form Ghazni, Kunar, Paktia and Takhar provinces, **01 AWD with Dehydration** outbreak was reported form Nangarhar province and **01 Dog bite/suspected Rabies** outbreak was reported form Kabul province.

Moreover, **156** COVID-19 confirmed cases and **1571** suspected Measles cases (IBS) were reported at the national level.

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



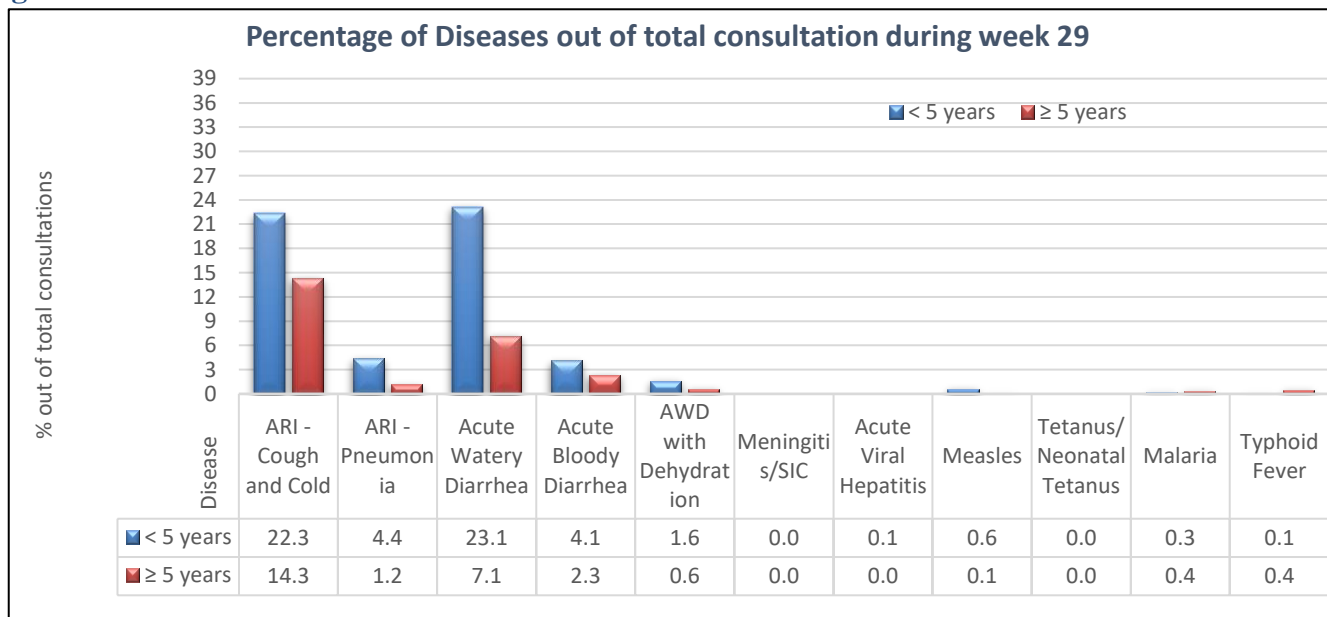
**Table 1: Coverage of NDSR Surveillance System**

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

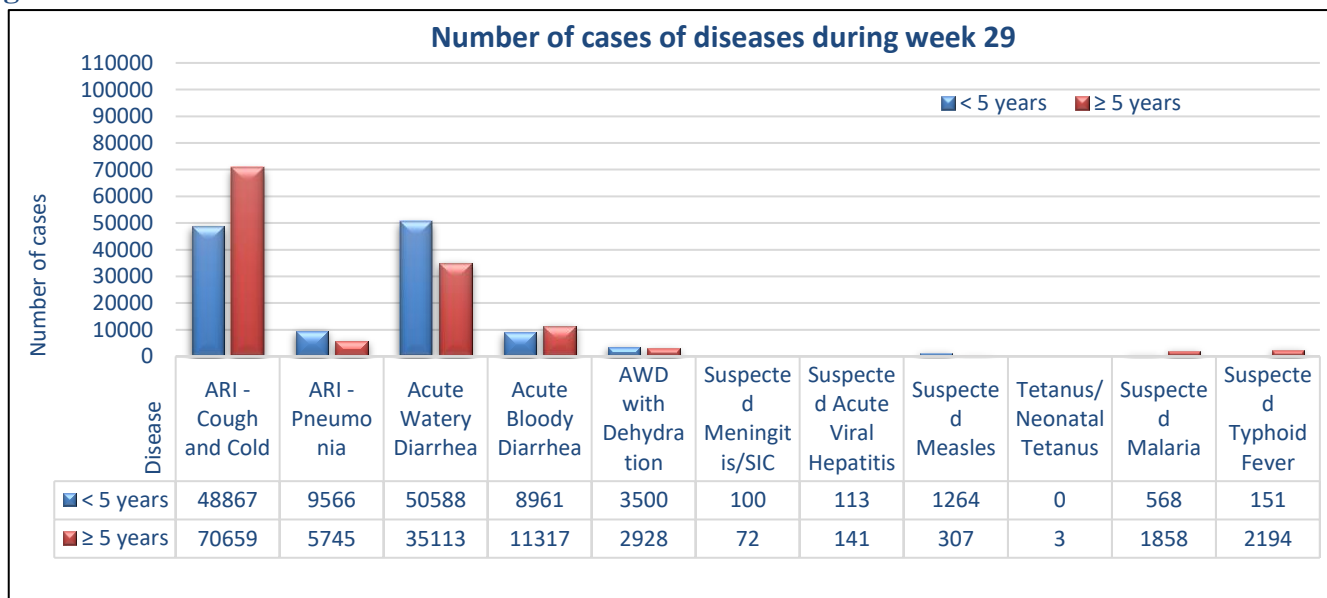
**Indicator – based Surveillance (IBS):**

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.

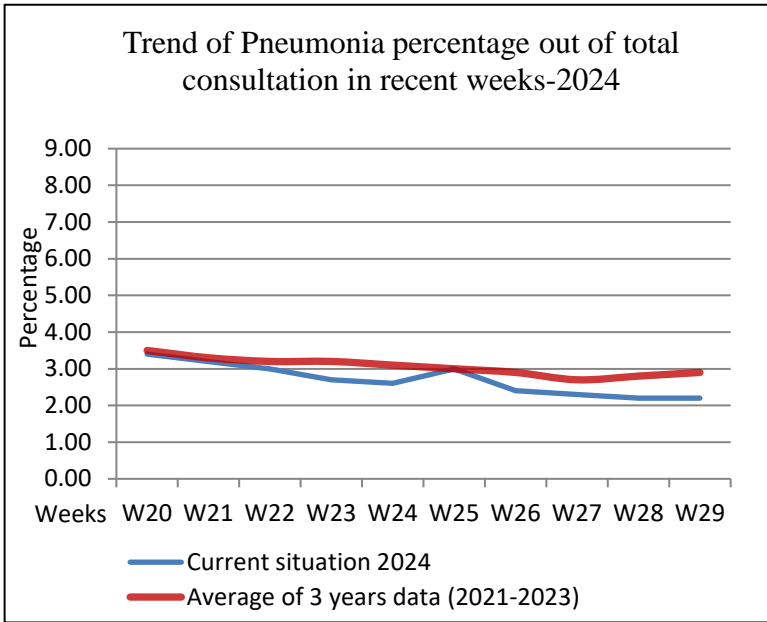
**Figure 2: A**



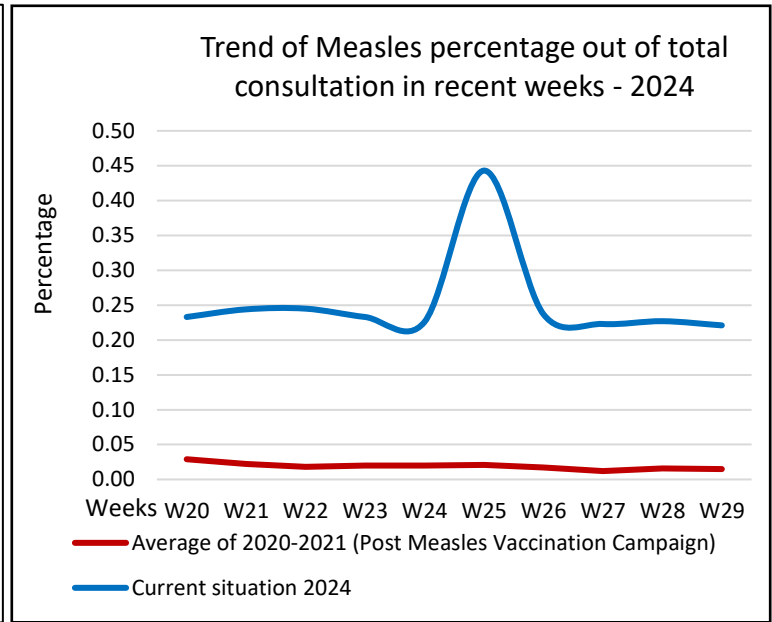
**Figure 2: B**



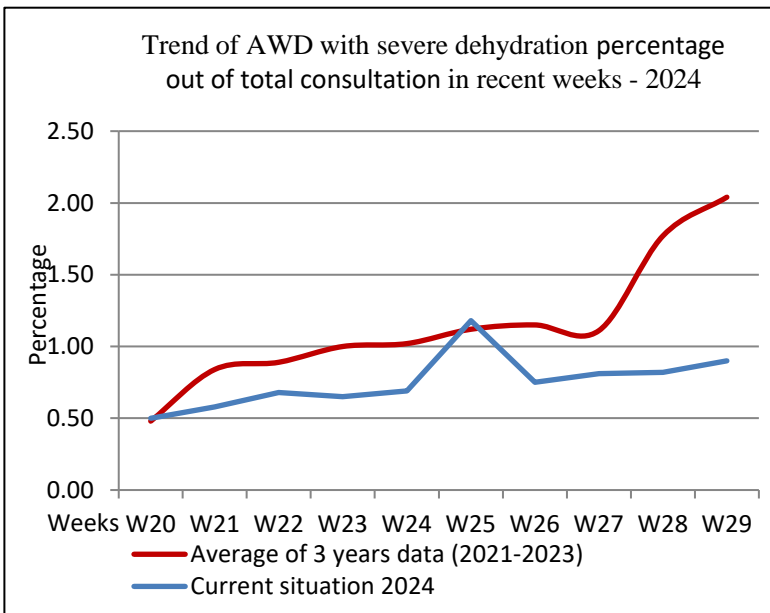
**Seasonal Diseases:**  
**Figure 3: A**



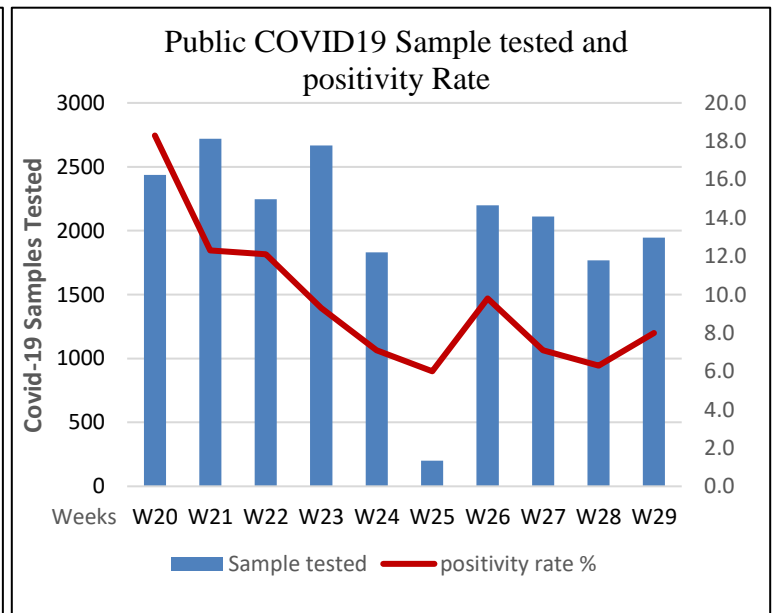
**Figure 3: B**



**Figure 3: C**



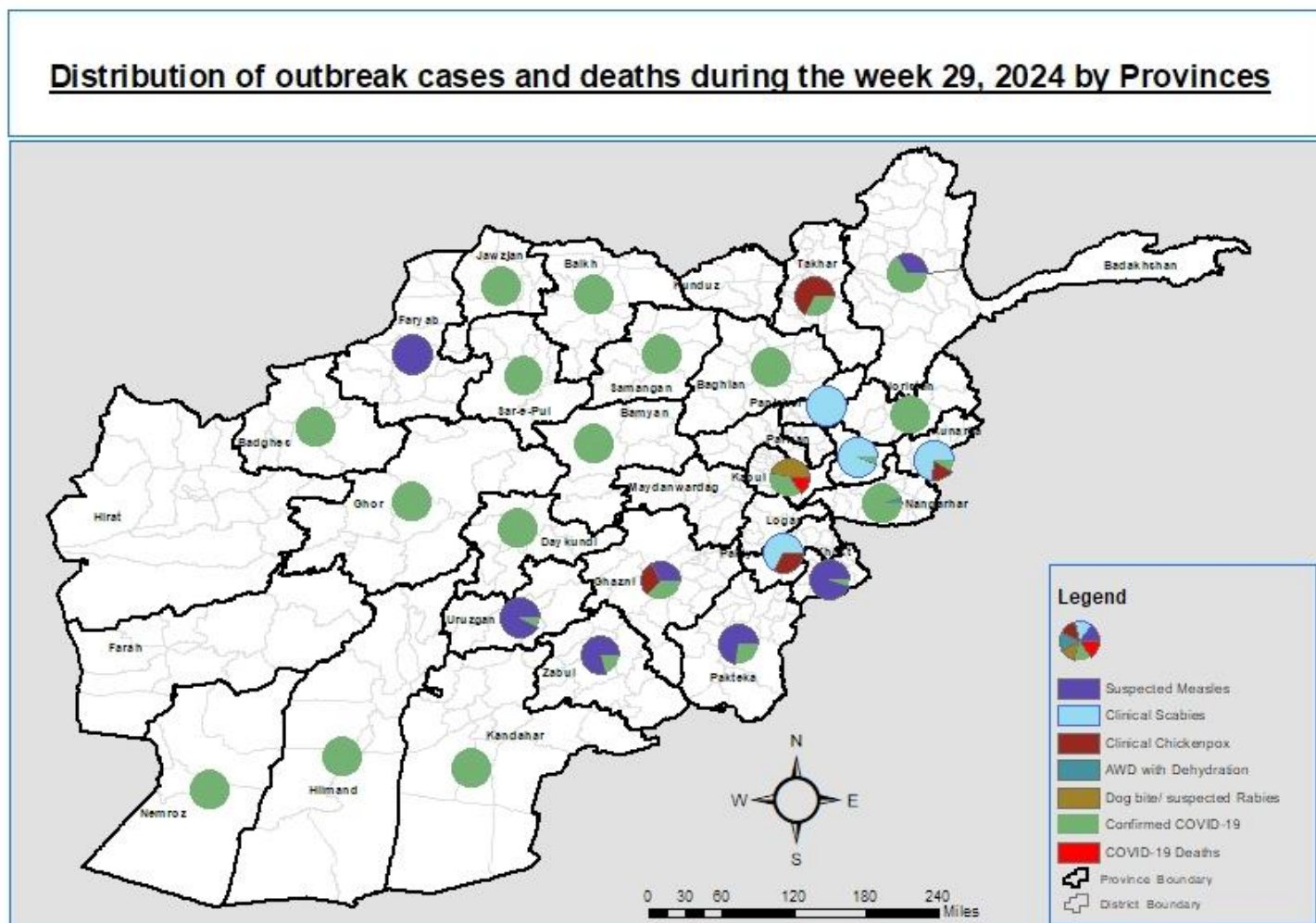
**Figure 3: D**



**Table 3: Outbreaks in Week 29<sup>th</sup> 2024:**

AFGHANISTAN   INFECTIOUS DISEASE OUTBREAKS REPORT   Epidemiological week #29-2024								
Event / Diseases Name	Reported date	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage, If VPD	
							Related HF reported coverage	Field Estimated Coverage
<b>Suspected Measles</b>	14/07/24	Badakhshan	Argo	Barlas	8	1	70%	54%
	20/7/24	Faryab	Qaysar	Sardabak	6	0	80%	40%
	13/7/24	Ghazni	Center	Qalai Qadam Khan	10	0	80%	10%
	14/7/24	Khost	Ismail Khel Mandozai	Tambal	22	0	75%	36%
	14/7/24	Paktika	Khair Kot	Balo Khel	8	0	94%	76%
	18/7/24	Urozgan	Train-Kot	Khanan	11	0	115%	0%
	16/7/24	Wardak	Jalez	Ahmad Khil	14	0	70%	59%
	17/7/24	Zabul	Shah-Joy	Khan	8	0	90%	47%
<b>Clinical Scabies</b>	14/7/24	Kunar	Chapa Darah	Watala	42	0	NA	NA
	14/7/24	Laghman	Mehterlam	Mia Banda Madrassa	100	0	NA	NA
	19/7/24	Paktia	Gardiz	Bada Khil	39	0	NA	NA
	19/7/24		Zurmat	Tabiban	20	0	NA	NA
	14/7/24	Panjshir	Hisa Awal	Zardi	14	0	NA	NA
	16/7/24	Wardak	Markaz	Family	10	0	NA	NA
<b>Clinical Chickenpox</b>	13/7/24	Ghazni	Center	Qalai Now	9	0	NA	NA
	14/7/24	Kunar	Chapa Darah	Watala	10	0	NA	NA
	13/7/24	Paktia	Ahmad Aba	Firoz Khil	9	0	NA	NA
	14/7/24	Paktia	Zazi	Roqyan	20	0	NA	NA
	15/07/24	Takhar	Taloqan	Paya Ariba	6	0	NA	NA
<b>AWD with Dehydration</b>	13/7/24	Nangarhar	6th Zone Jalalabad	Najmuljihad Rahmania Madrasa	1	0	NA	NA
<b>Dog bite / suspected Rabies</b>	14/7/24	Kabul	Musahi	Juma Noor	6	0	NA	NA

**Figure 4:** Suspected Measles, clinical Scabies, clinical Chickenpox, AWD with dehydration, dog bite/suspected Rabies, COVID-19 cases, and deaths during the week 29<sup>th</sup> 2024.



**Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 20 July 2024)**

Disease/Event	Disease/Event	Lab-Confirm	Total Cases	Total Deaths
Scabies	309	0	11367	0
Measles	316	175	3726	30
Suspected Chickenpox	196	47	3297	0
Dog bites/Suspected Rabies	61	0	478	0
Pertussis	7	0	148	0
Mumps	15	0	428	0
Impetigo	4	0	127	0
Leishmaniasis	4	2	371	0
Pink Eye	3	0	29	0
ARI/Pneumonia	8	0	300	10
Food Poisoning	12	0	166	0

Dengue Fever	2	2	40	0
Typhoid Fever	5	0	111	0
CCHF	9	9	24	9
ARI cough and cold	1	0	55	0
Neonatal Tetanus	2	2	4	1
COVID-19	4	4	213	4
Anthrax	3	0	3	0
Acute Watery Diarrhea + Dehydration	19	19	63	0
Confirmed Malaria	15	15	1861	0
Acute Bloody Diarrhea	1	0	43	0
<b>Grand Total</b>	<b>996</b>	<b>275</b>	<b>22854</b>	<b>54</b>

### Laboratory surveillance:

A total of **3715** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **12** specimens were confirmed for Acute Viral Hepatitis, **114** specimens were confirmed for Measles and **58** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

### Influenza Surveillance activities:

In Epidemiological Week 29<sup>th</sup> 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, 479 (9,1%) Severe Acute Respiratory Infections cases were reported, and 262 (54,6%) were under 5 years old. The proportion of SARI cases decreased compared to weeks 28–2024. 37 SARI-associated deaths were reported this week. At the 10 Influenza sentinel sites, the top sites with the highest proportion of SARI cases were Paktia (30%), Kabul (25%), and Kapisa (14,9%). 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, **1945** specimens were tested for the suspected COVID-19. Out of which **156** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 8.0% this week, which increased 2.2% compared to the previous week.
- Out of **156 confirmed** cases, **202** contacts out of **58** 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 **52,138** passengers have been screened for COVID-19 at the four points of entry in (Herat, Kandahar, Nangarhar 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.

- ARI cough and cold cases are on the decreasing trend 0.3% compared to the previous week.
- Pneumonia cases are on the same trend compared to the previous week.
- Diarrheal diseases are on the increasing trend 0.4% 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 **1659 (IBS+EBS)** suspected Measles cases with **04 (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.