

# Ministry of Public Health

## Monitoring Evaluation & Health Information System GD

### Diseases Surveillance Department

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 18<sup>th</sup>

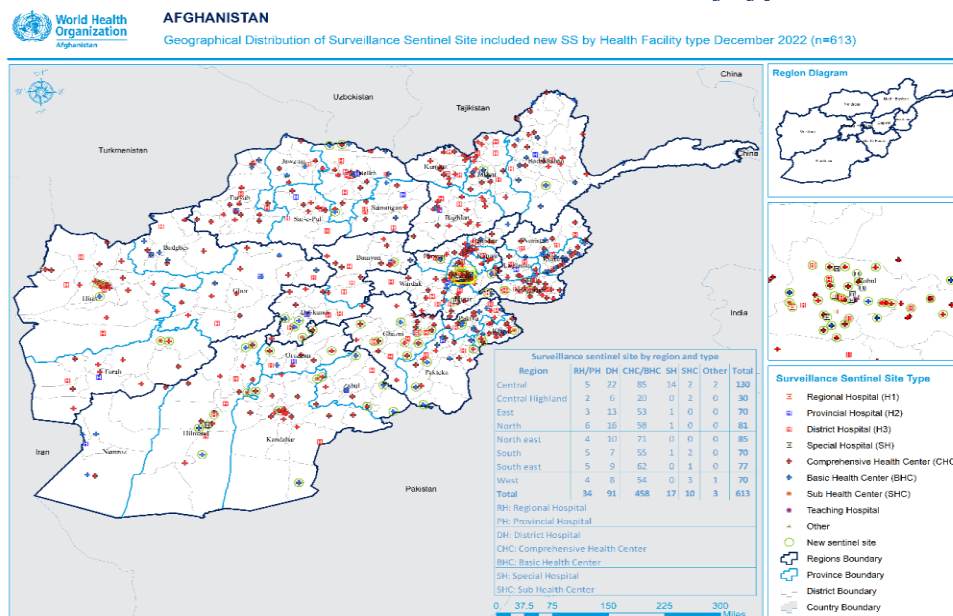
Date: 28/04 – 04/05 - 2024

### Summary:

- Out of **613** functional Surveillance sentinel sites, **610 (99.5%)** have submitted reports this week.
- A total of **702,449** new consultations, of which **255,732 (36.4%)** were due to Surveillance targeted diseases. That included **135,637 (53%) males** and **120,095 (47%) females**. Also, **119,881 (46.9%)** people under five years old and **135,851 (53.1%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**166,319 = 23.7%** cases out of total new consultations), Acute Diarrheal Diseases (**55,977 = 8%** cases out of total new consultations), and Pneumonia (**26,601 = 3.8%** cases out of total new consultations).
- A total of **273** deaths were reported this week, of which **52 (19.1%)** deaths were due to surveillance-targeted diseases, which include **40 ARI Pneumonia** deaths, **05 Suspected Meningitis** deaths, **02 suspected Measles** deaths, **02 Acute Watery Diarrhea with Dehydration** deaths, **01 Acute Viral Hepatitis** death and **02 COVID-19** deaths.
- In addition, during this week, **42** outbreaks were reported: **15 suspected Measles** outbreaks were reported from Helmand, Kabul, Kapisa, Logar, Nimruz, Paktya, Parwan, Takhar, Urozgan, and Wardak provinces, **14 clinical Scabies** outbreaks were reported from Nimruz, Kandahar, Khost, Paktya, Kunduz, Panjsher, Kabul, Kapisa, Nangarhar and Dykundi provinces, **08 Clinical Chickenpox** outbreaks were reported from Herat, Panjsher, Nuristan, Nangarhar, Kunduz, Paktya provinces, **02 Dog/Wolf bite or suspected Rabies** outbreaks were reported from Ghazni and Kabul provinces, **01 suspected Pneumonia** outbreak was reported from Paktya province, **01 Neonatal Tetanus** outbreak was reported from Faryab province and **01 Confirmed COVID-19** outbreak was reported from Badakhshan province.

Moreover, **771** COVID-19 confirmed cases and **1530** suspected Measles cases (IBS) were reported at the national level.

### Figure 1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2024



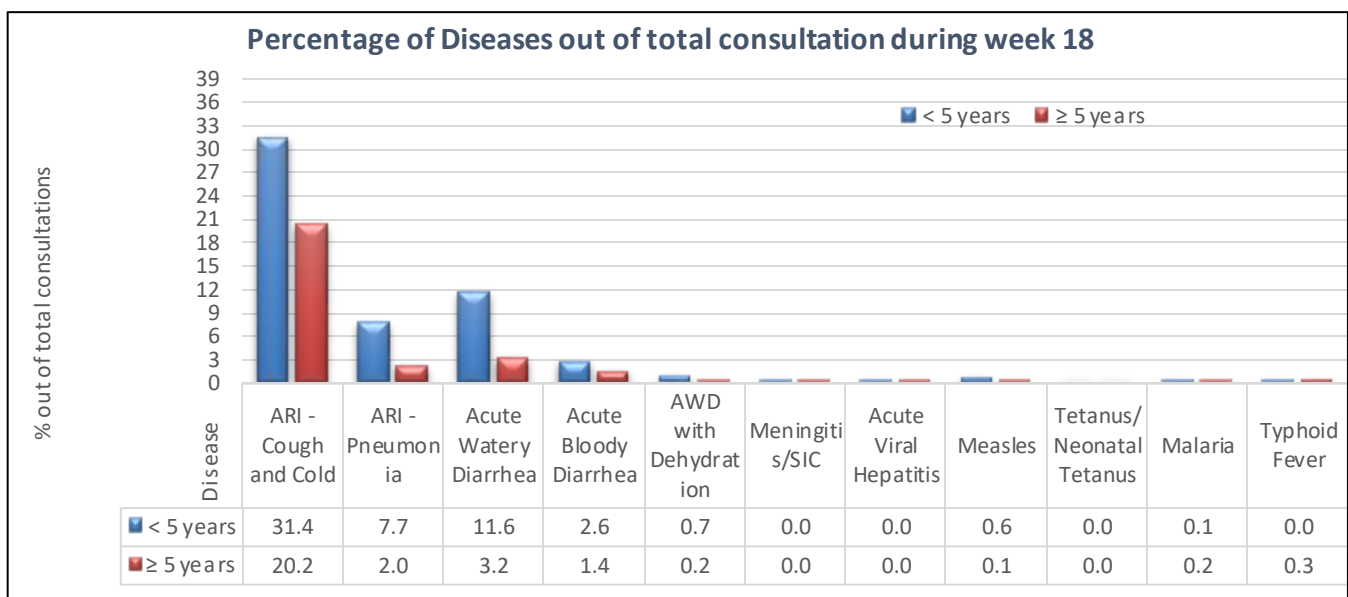
**Table 1: Coverage of NDSR Surveillance System**

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

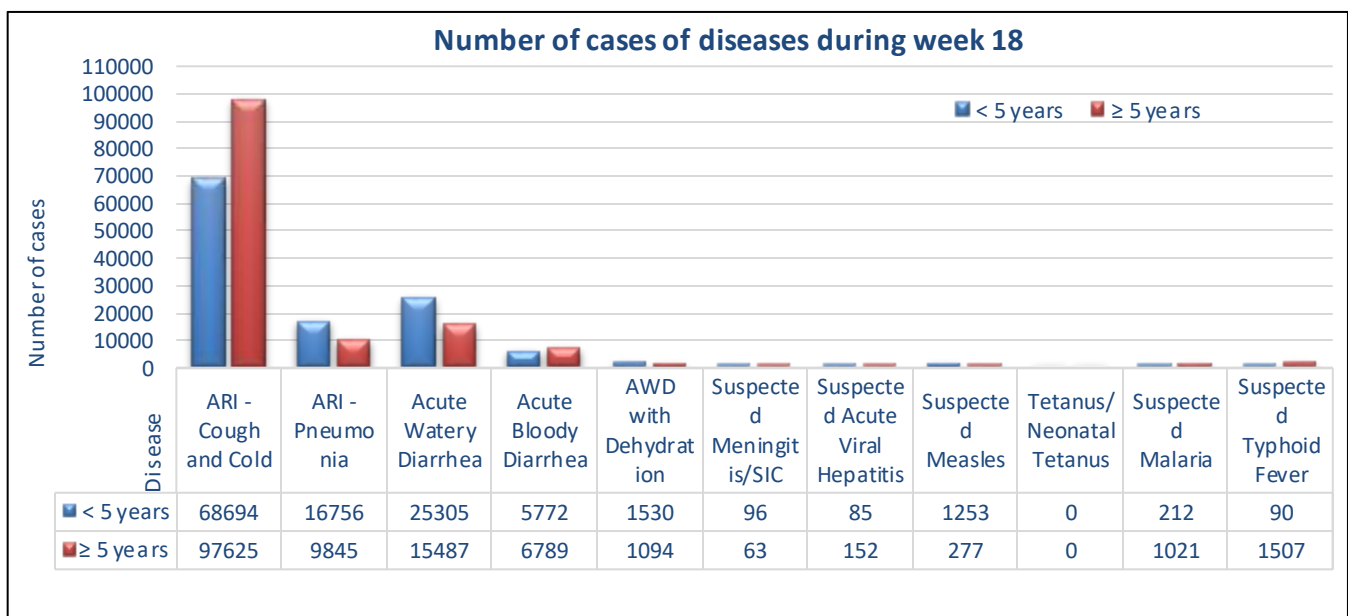
**Indicator - based Surveillance (IBS):**

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**

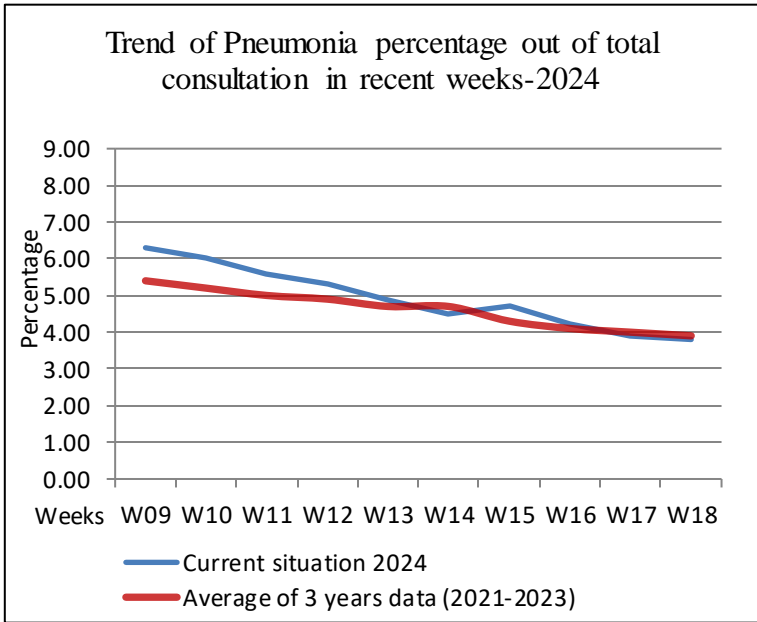


**Figure 2: B**

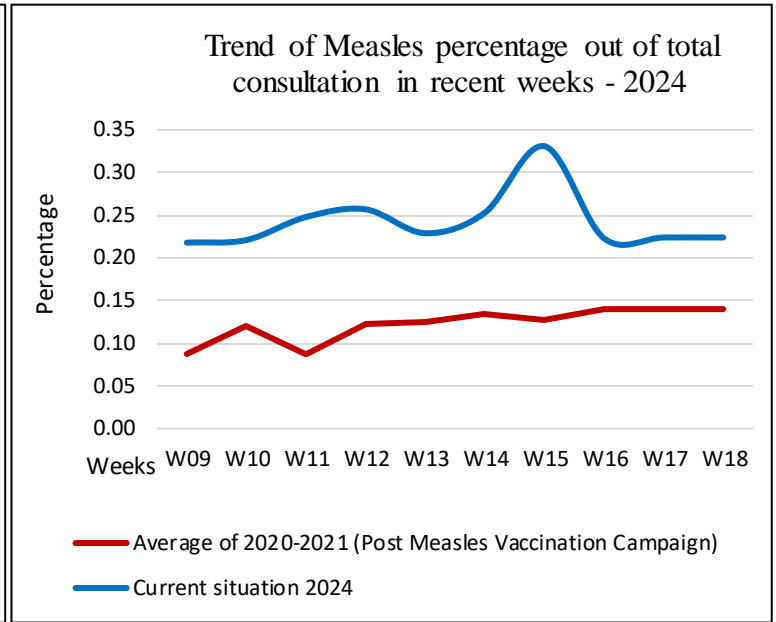


Seasonal Diseases:

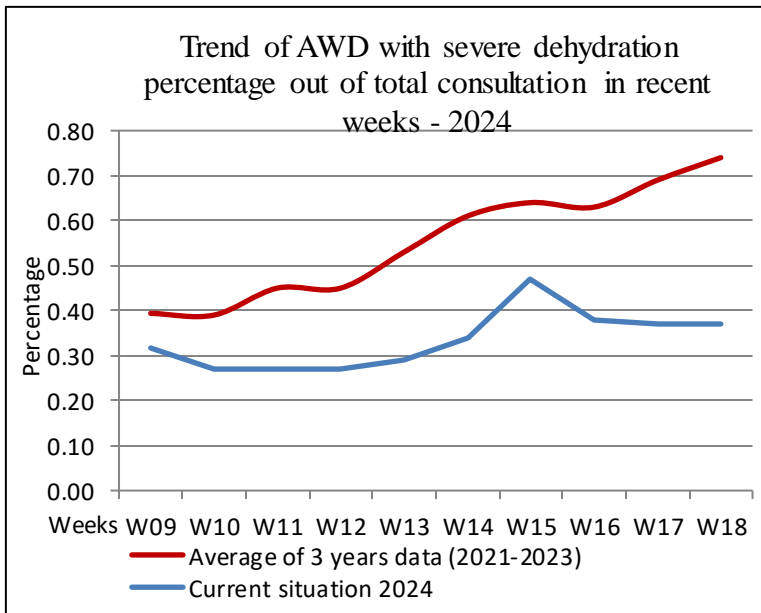
**Figure 3: A**



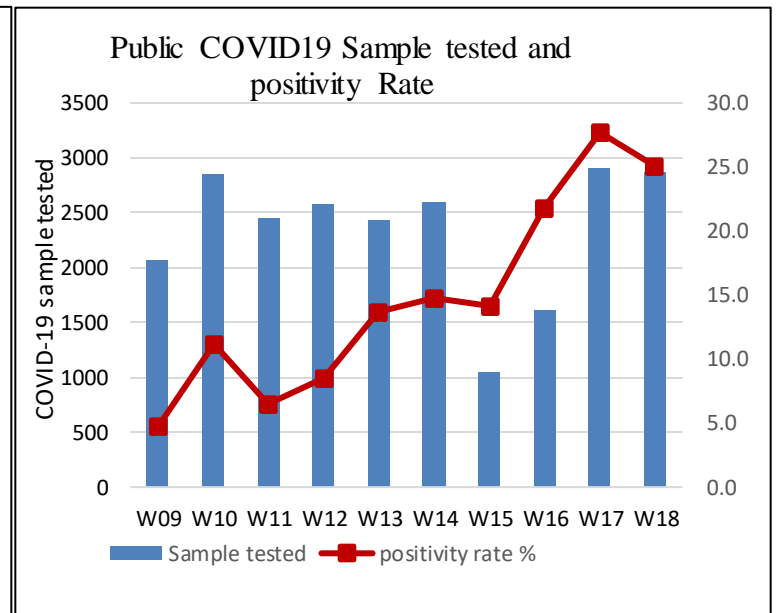
**Figure 3: B**



**Figure 3: C**



**Figure 3: D**



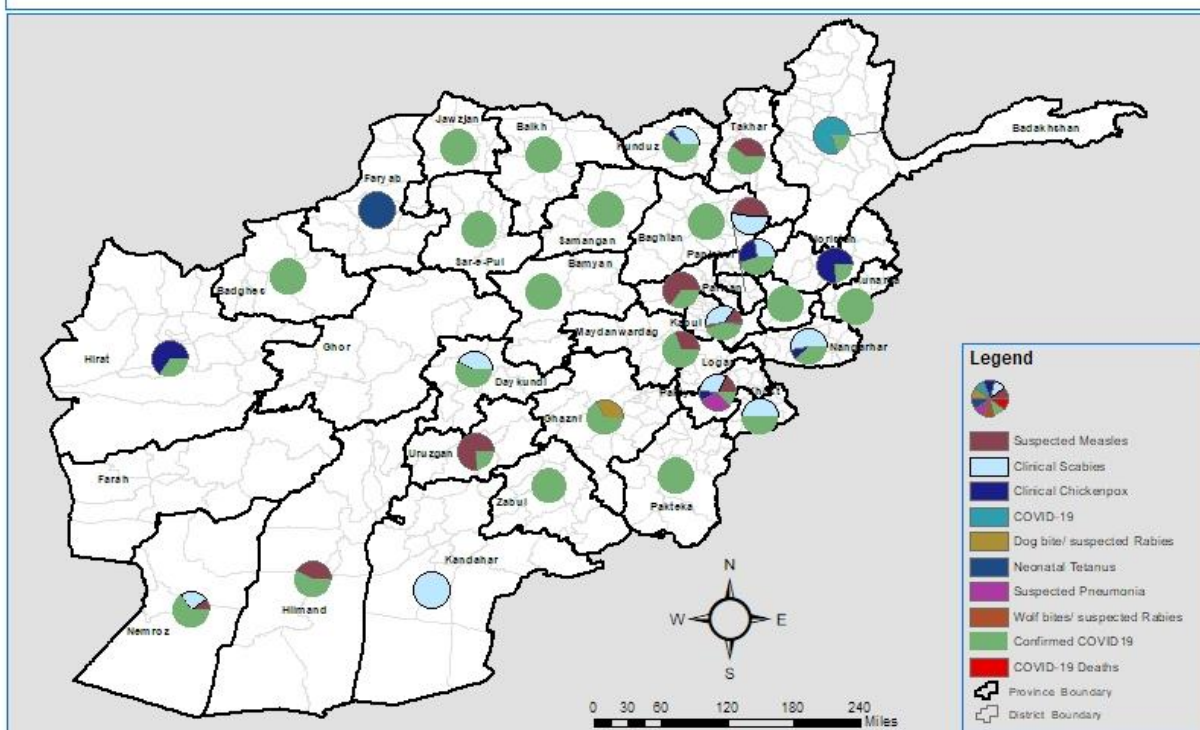
**Table 3: Outbreaks in Week 18<sup>th</sup> 2024:**

AFGHANISTAN   INFECTIOUS DISEASE OUTBREAKS REPORT   Epidemiological week # 18-2024								
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	29/4/24	Helmand	Nahri-Saraj	Noorzao Fidayano	7	0	85%	15%
	27/4/24	Kabul	9	Shashdarak	7	0	71%	40%
	28/4/24		Surobi	Sarchino	8	0	68%	0%
	27/4/24	Kapisa	Tagab	Landa Khail	14	0	68%	55%
	30/4/24		Nijrab	Ghocholan Kandi	13	0	100%	40%
	28/4/24	Logar	Puli Alam	Dashte Bari	9	0	80%	40%
	01/5/24	Nimroz	Delaram	Shilgay	6	0	87%	0%
	27/04/24	Paktia	Ahmad Aba	Ghafor Khail	20	0	80%	35%
	28/4/24	Parwan	Bagram	Qall-E-Ghulam Shah	16	0	80%	20%
	30/4/24		Charikar	Shaqmaq	13	0	80%	20%
	30/04/24	Takhar	Khowajhar	Hamwarsay	9	0	88%	50%
	27/4/24	Urozgan	Chinarto	Aubata	10	0	63%	0%
	29/4/24		Tarin-Kot	Khoja Ahmad	18	0	47%	30%
	29/4/24	Wardak	Said Abad	Badam Onkhy	10	0	70%	45%
	01/5/24		Chak	Khankhil Anbokhak	9	0	75%	73%
Clinical Scabies	29/4/24	Nimroz	Delaram	Delaram Prison	9	0	NA	NA
	04/5/24		Zarang	Bagh Abad	8	0	NA	NA
	04/5/24	Kandahar	Maiwand	Sosaltak	26	0	NA	NA
	03/5/24	Khost	Ismail Khel Mandozai	Sarbani	14	0	NA	NA
	29/4/24	Paktia	Sayed Karam	Chino	35	0	NA	NA
	30/04/24	Kunduz	Aqtash	Madrasah Abdullah Bin Masood	36	0	NA	NA
	28/4/24	Panjshir	Rukha	Nolaba	8	0	NA	NA
	28/4/24	Kabul	8	Karte Naw	12	0	NA	NA
	28/4/24		16	Qala E Zaman Khan	12	0	NA	NA

	29/4/24		Deh Sabz	Shahrak Irfan	12	0	NA	NA
	28/4/24	Kapisa	Center	Aroki	18	0	NA	NA
	04/5/24		Nijrab	Now Abad Madrasa	11	0	NA	NA
	28/4/24	Nangarhar	9th Zone Jalalabad	Nehri Shahee Hajino Village	150	0	NA	NA
	28/4/24	Daykundi	Shahrahstan	Ozmok	13	0	NA	NA
<b>Clinical Chickenpox</b>	28/4/24	Herat	Injil	Said Abad	31	0	NA	NA
	01/5/24		Ghoryan	Sabul	44	0	NA	NA
	01/5/24		Injil	Khoja Robat	24	0	NA	NA
	30/4/24	Panjshir	Anaba	Zaman Khil	8	0	NA	NA
	26/4/24	Nuristan	Wan Twaigal	Arans	10	0	NA	NA
	05/4/24	Nangarhar	Batikot	Speen Khuar	22	0	NA	NA
	05/3/24	Kunduz	Kunduz	Koti Gird	7	0	NA	NA
	05/3/24	Paktia	Sayed Karam	Shaikhan	10	0	NA	NA
<b>Covid-19</b>	21/04/24	Badakhshan	Khowahan	Ghozan	192	4	NA	NA
<b>Dog bite/Suspected Rabies</b>	01/5/24	Ghazni	Qarabagh	Sangi/Mushaki	12	0	NA	NA
<b>Confirmed Neonatal Tetanus</b>	28/4/24	Faryab	Almar, Qaysar & Sherintagab	Kaboter Khan, Mataw & Tak Tash	3	1	20%	47%
<b>Suspected Pneumonia</b>	29/4/24	Paktia	Gardez	Mominkhil	34	0	NA	NA
<b>Wolf bite/Suspected Rabies</b>	01/5/24	Kabul	Paghman	Chelton	3	0	NA	NA

**Figure 4:** Suspected Measles, Clinical Scabies, Clinical Chickenpox, COVID-19, Dog bite/suspected Rabies, Neonatal Tetanus, Suspected Pneumonia, Wolf bite/suspected Rabies, COVID-19 Cases, and deaths during the week 18<sup>th</sup> 2024.

### Distribution of outbreak cases and deaths during the week 18, 2024 by Provinces



**Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 04 May 2024)**

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Scabies	196	0	6576	0
Measles	196	56	2358	23
Suspected Chickenpox	156	2	2617	0
Dog bites/Suspected Rabies	40	0	313	0
Pertussis	4	0	55	0
Mumps	14	0	406	0
Impetigo	2	0	79	0
Leishmaniasis	3	2	326	0
Pink Eye	3	0	29	0
ARI/Pneumonia	7	0	284	10
Food Poisoning	7	0	72	0
Dengue Fever	1	1	38	0
Typhoid Fever	2	0	55	0
CCHF	1	1	2	1
ARI cough and cold	1	0	55	0
Neonatal Tetanus	2	2	4	1
COVID-19	3	3	206	4
Anthrax	3	0	3	0
<b>Grand Total</b>	<b>641</b>	<b>67</b>	<b>13478</b>	<b>39</b>

### Laboratory surveillance:

A total of **4876** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **12** specimens were confirmed for Acute Viral Hepatitis, **173** specimens were confirmed for Measles, and **13** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

### Influenza Surveillance activities:

In Epidemiological week 18<sup>th</sup> 2024, we have received reports from 10 out of 10 sentinel sites (Kabul, Kandahar, Balkh, Herat, Bamyān, Baghlan, Nangarhar, Kapisa, Paktia and Badakhshan). Out of all new hospital admissions, 640 (14.3%) Severe Acute Respiratory Infections cases were reported and 57% were under 5 years old. The proportion of SARI cases increased compared to week 17<sup>th</sup> 2024. 16 SARI-associated deaths were reported this week. At the 10 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kabul (46.0%), Paktia (40.0%), and Kapisa (26.3%) provinces. During this Epi-week, our field staff shipped 30 SARI and 20 ILI specimens to the National Influenza Center (NIC).

### COVID-19 Surveillance activities:

This week, **2874** specimens were tested for suspected COVID-19. Out of which **771** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 26.8% this week, which decreased 0.9% compared to the previous week.
- Out of **771 confirmed** cases, **1268** contacts out of **413** 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 **38,976** passengers have been screened for COVID-19 at the three points of entry in (Kandahar, Herat and Nangarhar) 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 decreasing trend (0.1%) compared to the previous week.
- Diarrheal diseases are on the same 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 **1699 (IBS+EBS)** suspected Measles cases with **02 (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.