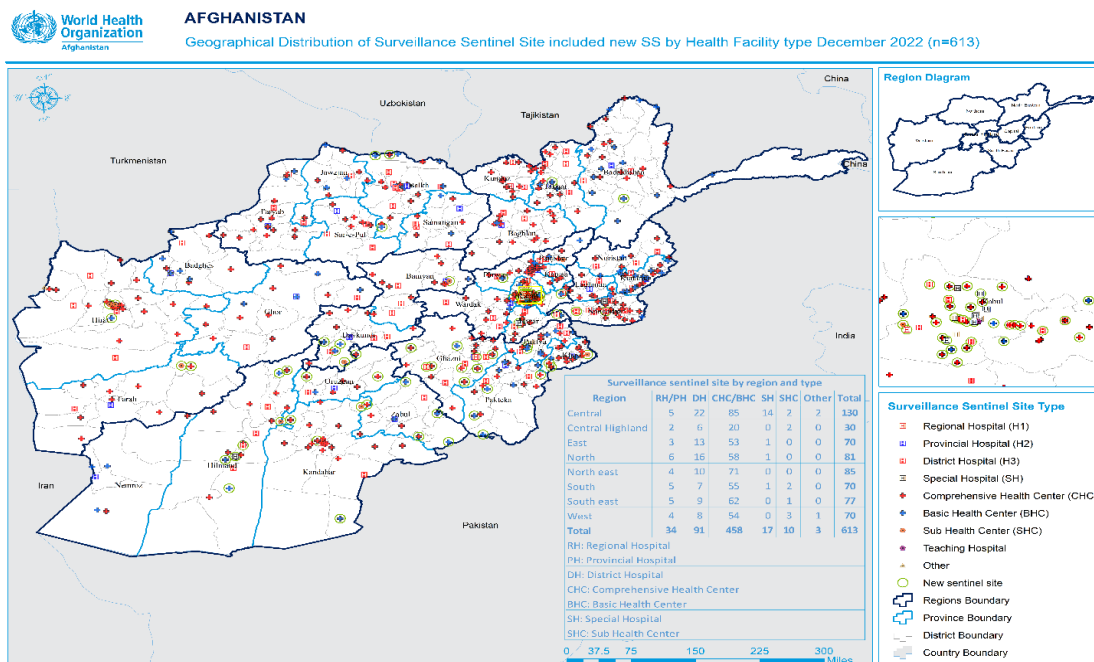


Summary:

- Out of 613 functional Surveillance sentinel sites, 611 (99.7%) have submitted reports this week.
- A total of 706,214 new consultations, of which 282,605 (40%) were due to Surveillance targeted diseases. That included 149,163 (52.8%) males and 133,442 (47.2%) females. Also, 127,345 (45.1%) people under five years old and 155,260 (54.9%) five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (201,001 = 28.5% cases out of total new consultations), Acute Diarrheal Diseases (37,021 = 5.2%) cases out of total new consultations, and Pneumonia (38,881= 5.5% cases out of total new consultations).
- A total of 377 deaths were reported this week, of which 129 (34.3%) deaths were due to surveillance-targeted diseases, which include 106 ARI Pneumonia deaths, 11 Suspected Meningitis/ Severely ill Child deaths, 04 Acute Watery Diarrhea with Dehydration deaths, 05 Acute Viral Hepatitis deaths, 02 suspected Measles deaths and 01 Neonatal Tetanus death.
- In addition, during this week, 24 outbreaks were reported: 14 Clinical Chickenpox outbreaks was reported from Bamyan, Ghor, Kabul, Kunar, Kunduz, Nimroz, Nangarhar, Paktia, Panjshir, Parwan and Takhar provinces, 05 Clinical Scabies outbreaks were reported from, Kunar, Kapisa, Parwan and Urozgan provinces, 04 suspected Measles outbreaks were reported form Kandahar, Kabul, Bamyan, and Faryab provinces, and 01 Clinical Mumps outbreak was reported form Paktia province.

Moreover, 187 COVID-19 confirmed cases and 619 suspected Measles cases (IBS) were reported at the national level.

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



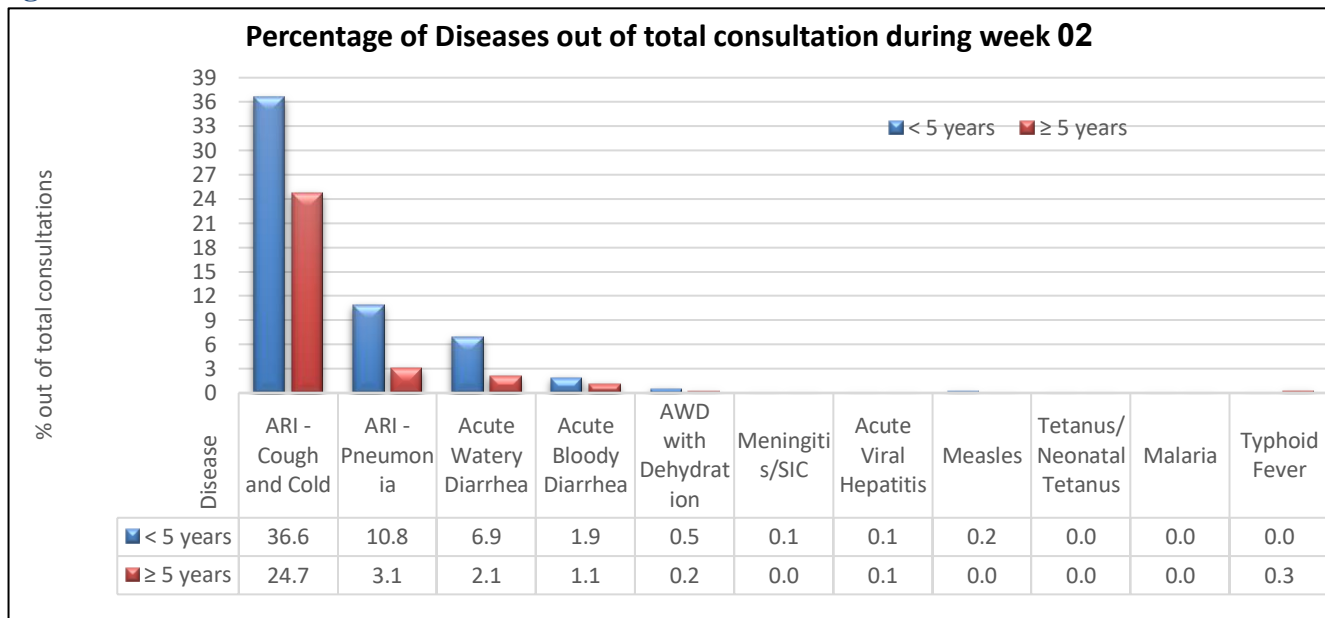
**Table 1: Coverage of NDSR Surveillance System**

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

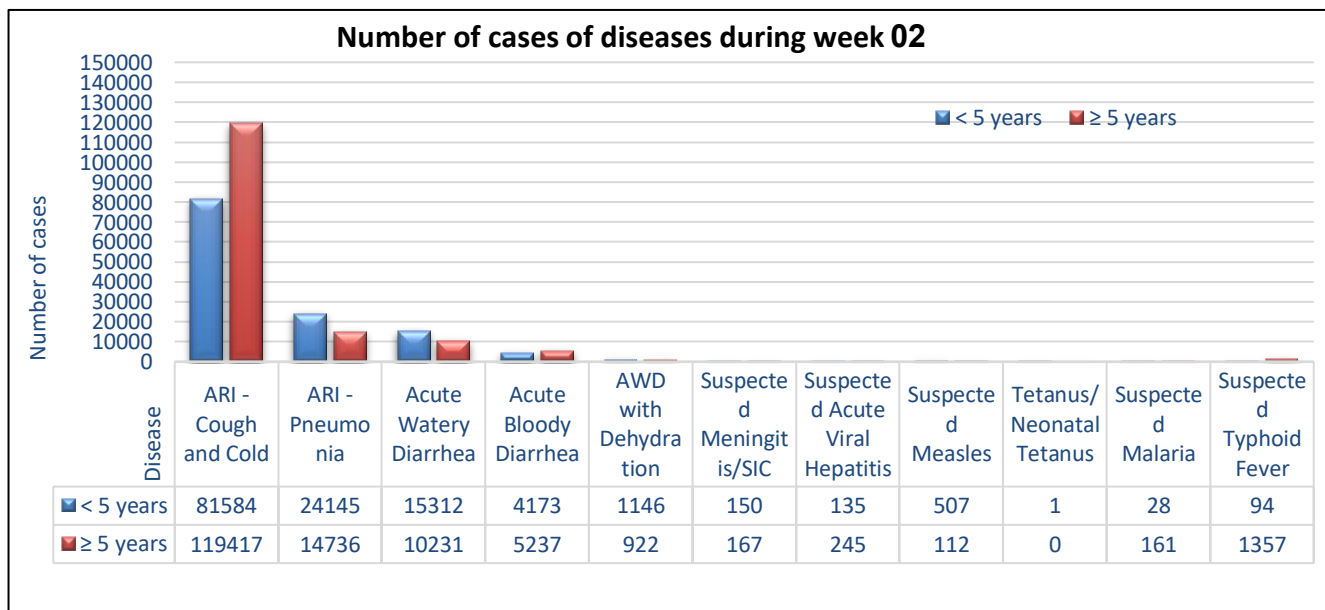
**Indicator - based Surveillance (IBS):**

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

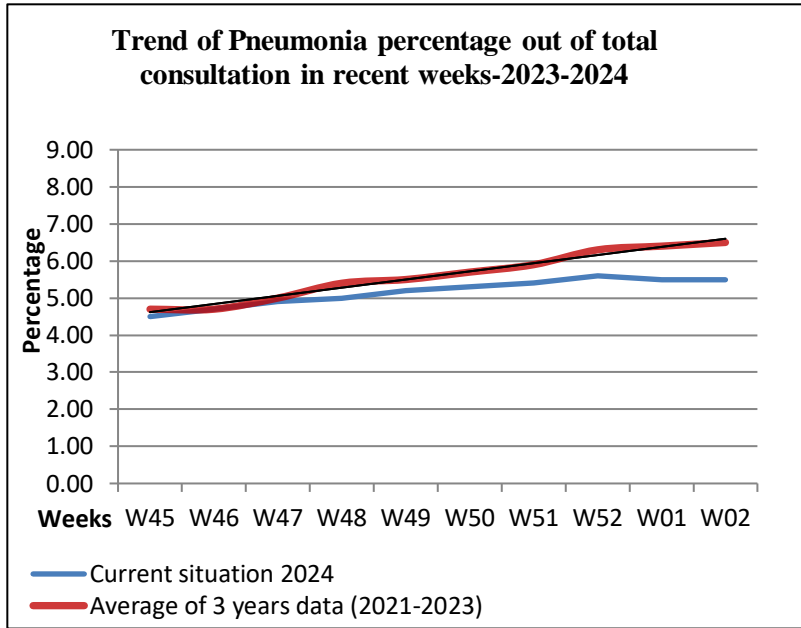


Figure 3: B

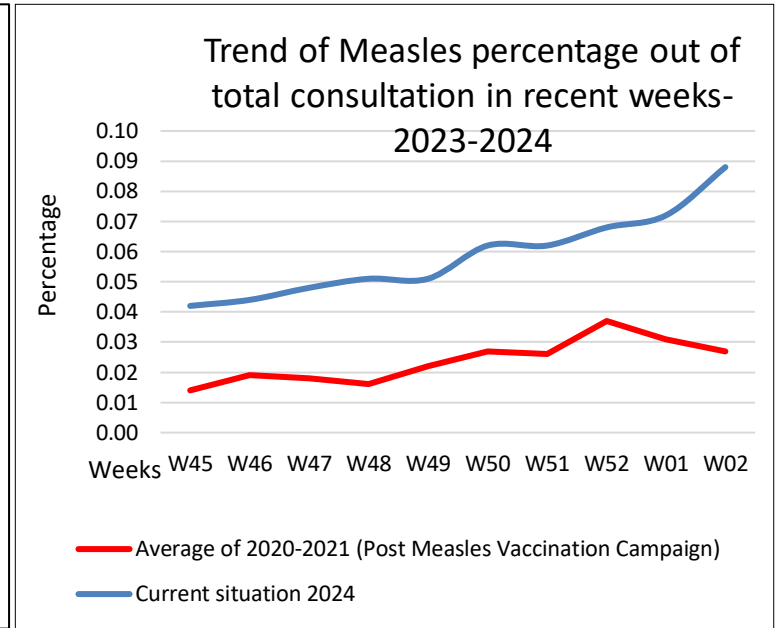


Figure 3: C

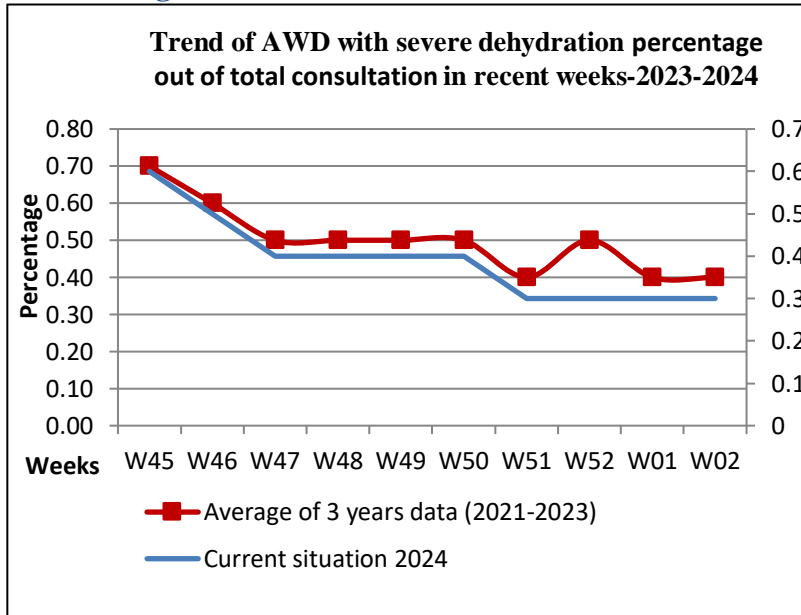
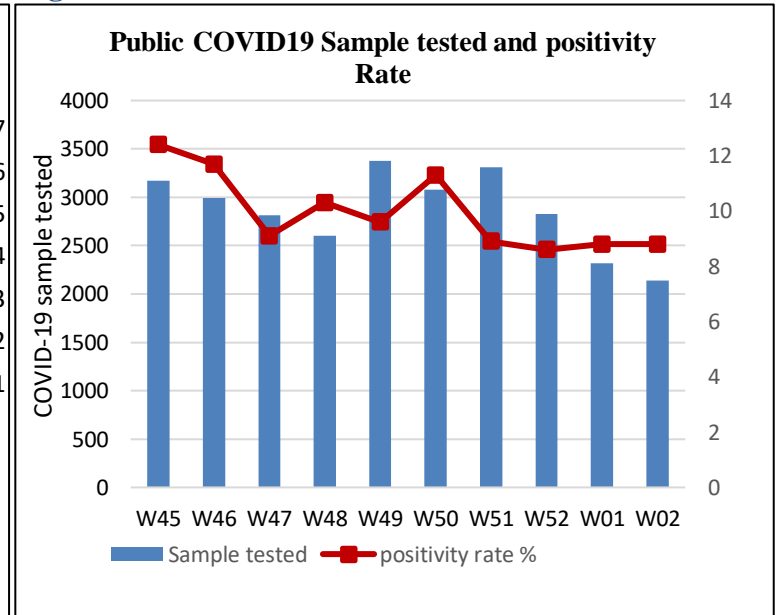


Figure 3: D

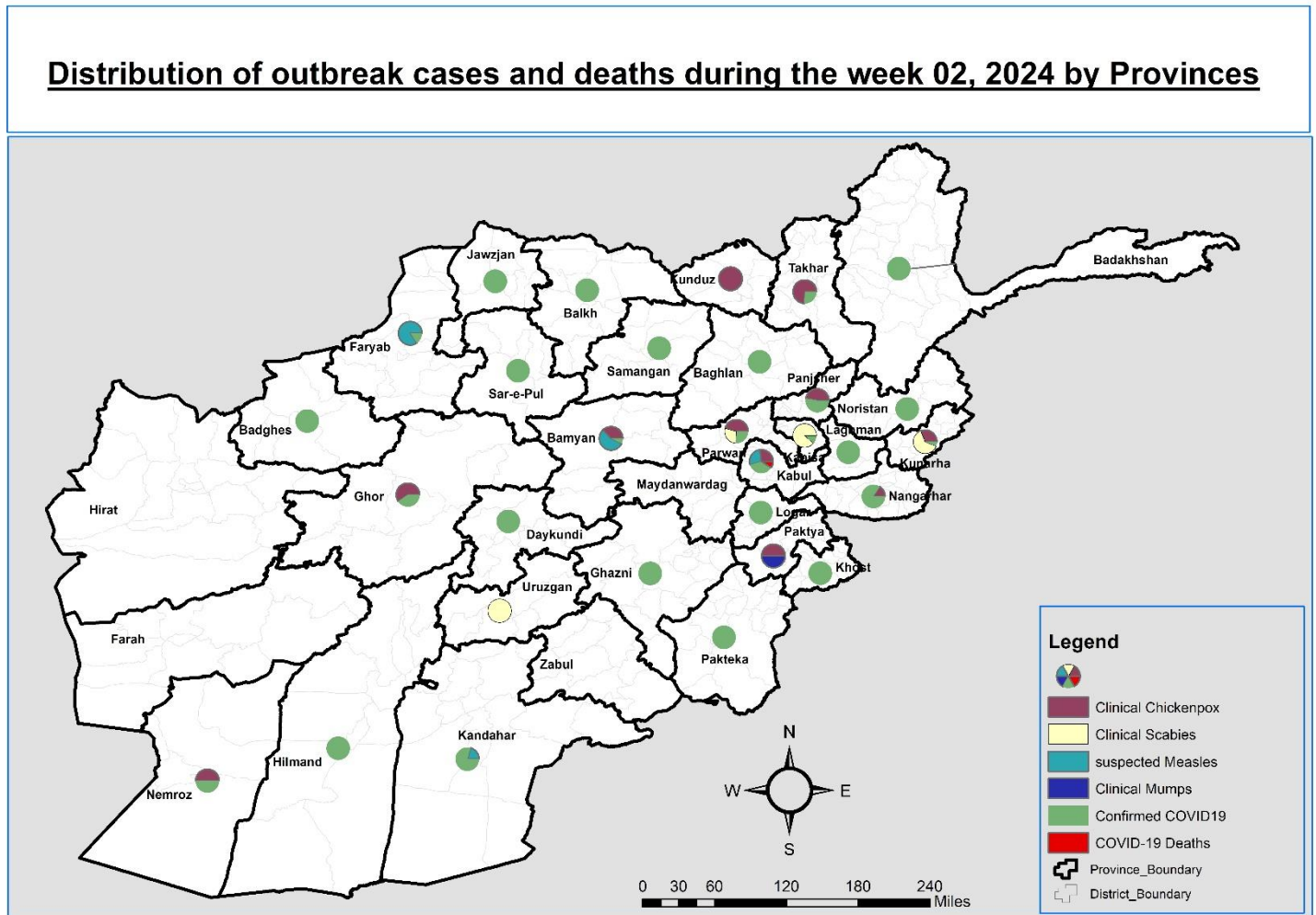


**Table 3: Outbreaks in Week 02<sup>nd</sup> 2024:**

AFGHANISTAN   INFECTIOUS DISEASE OUTBREAKS REPORT   Epidemiological week # 02-2024								
Event / Diseases Name	Reported date	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage, If VPD	
							Related HF reported coverage	Field Estimated Coverage
07/01/24	07/01/24	Bamyan	Saighan	Jangalag	25	0	NA	NA
	07/01/24	Ghor	Saghar	Okhri	16	0	NA	NA
	07/01/24	Kabul	12	Block 13	6	0	NA	NA
	07/01/24	Kunar	Dara-E-Epach	Kolak	41	0	NA	NA
	07/01/24		Watapoor	Kemogam Village	16	0	NA	NA
	07/01/24	Kunduz	Chahar Darah	Mirsheikh	8	0	NA	NA
	07/01/24	Nimroz	Zarang	Mula Akhtar Achakzai	9	0	NA	NA
	07/01/24	Nangarhar	Behsood	Barabad School	23	0	NA	NA
	07/01/24	Paktia	Zurmat	Akhund Khil	7	0	NA	NA
	07/01/24	Panjshir	Center	Khaniz	8	0	NA	NA
	07/01/24	Parwan	Charikar	Parcha-E-12	10	0	NA	NA
	07/01/24		Charikar	Hofian Sharif	21	0	NA	NA
	06/01/24	Takhar	Taloqan	Naghara Tapa	19	0	NA	NA
	07/01/24		Taloqan	Baharustan	10	0	NA	NA
Clinical Scabies	07/01/24	Kunar	Dara-E-Epach	Kolak	43	0	NA	NA
	07/01/24	Kapisa	Tagab	Mobayan	8	0	NA	NA
	08/01/24	Kunar	Watapoor	Emam Bukhari Madrasa, And Shagai and Qamchi Villages	115	0	NA	NA
	10/01/24	Parwan	Bagram	Ghulam Ali	13	0	NA	NA
	08/01/24	Urozgan	Tarin-Kot	Omari Shagotii	12	0	NA	NA
Suspected Measles	08/01/24	Bamyan	Yakawlang	Ziarat Bala, Qashqulah	37	0	85%	85
	09/01/24	Faryab	Almar	Kaboterkhan	11	2	85%	65%

	13/01/24	Kabul	Dis 8	Qalacha	6	0	NA	NA
	11/01/24	Kandahar	Boldak	Mola Lal Mohammad	7	0	95%	90%
Clinical Mumps	06/01/24	Paktia	Ahmad Aba	Sarwar Village	7	0	NA	NA

**Figure 4** Clinical Chickenpox, Clinical Scabies, Clinical Measles, Clinical Mumps, COVID-19 Cases, and deaths during the week 02<sup>nd</sup> 2024.



**Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 13 Jan 2024)**

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Scabies	13	0	360	0
Measles	4	4	61	2
Suspected Chickenpox	21	1	353	0
Dog bites/Suspected Rabies	3	0	22	0
Pertussis	1	0	6	0
Mumps	2	0	13	0
Impetigo	1	0	28	0
<b>Grand Total</b>	<b>45</b>	<b>5</b>	<b>843</b>	<b>2</b>

### Laboratory surveillance:

A total of **3390** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **07** specimens were confirmed for AWD, **24** specimens were confirmed for Acute Viral Hepatitis and **25** specimens were confirmed for Measles, **12** specimens were confirmed for Dengue Fever (Follow-up by the CPHL is going on).

### Influenza Surveillance activities:

In Epidemiological week 2<sup>nd</sup> 2024, we have received reports from 10 out of 10 sentinel sites (Kabul, Kandahar, Balkh, Herat, Bamyán, Baghlan, Nangarhar, Kapisa, Paktya and Badakhshan). Out of all new hospital admissions, 935 (15.1%) Severe Acute Respiratory Infections cases were reported and 60% were under 5 years old. The proportion of SARI cases was increased compared to week 01<sup>st</sup> 2024. 41 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 (44.0%), Kapisa (35.7%), and Nangarhar (30.4%) provinces. During this Epi-week, our field staff shipped 60 SARI and 40 ILI specimens to the National Influenza Center (NIC).

### COVID-19 Surveillance activities:

This week, **2136** specimens were tested for suspected COVID-19. Out of which **187** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 8.7% this week, which is equal to the previous week.
- Out of **187 confirmed** cases, **279** contacts out of **63** 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 **23,073** passengers have been screened for COVID-19 at the points of entry in two provinces (Kandahar and Nangarhar).

### Challenges:

- Measles cases are still a public health concern in the country. This week, **680 (IBS+EBS)** Measles cases were reported to the surveillance system.
- 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 increasing trend (0.1%) compared to the previous week.
- Pneumonia cases are on the same trend compared to the previous week.
- Diarrheal diseases are on the decreasing trend (0.2%) compared to the previous week.
- COVID-19 preventive and control measures should be strengthened.
- Public awareness regarding ARI 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 **680** suspected Measles cases with **04 deaths (IBS+EBS)** 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.