

Summary:

- Out of 613 functional Surveillance sentinel sites, 613 (100%) have submitted reports this week.
- A total of 653,057 new consultations, of which 254,166 (38.9%) were due to Surveillance targeted diseases. That included 134,969 (53.1%) males and 119,197 (46.9%) females. Also, 116,588 (45.9%) people under five years old and 137,578 (54.1%) five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (177,962 = 27.3% cases out of total new consultations), Acute Diarrheal Diseases (34,075 = 5.2% cases out of total new consultations), and Pneumonia (36,433= 5.6% cases out of total new consultations).
- A total of 335 deaths were reported this week, of which 99 (30%) deaths were due to surveillance-targeted diseases, which include 75 ARI Pneumonia deaths, 12 Suspected Meningitis deaths, 09 suspected Measles deaths and 03 Acute Viral Hepatitis deaths.
- In addition, during this week, 34 outbreaks were reported: 15 Suspected Measles outbreaks were reported from Badghis, Kandahar, Kapisa, Khost, Laghman, Nangarhar, Paktika, Parwan, Samangan, Saripul, Takhar and Urozgan provinces, 09 Clinical Scabies outbreaks were reported from Bamyan, Ghazni, Laghman, Logar, Kabul, Nimroz, Paktia and Panjshir provinces, 07 Clinical Chickenpox outbreaks were reported from Bamyan, Herat, Kapisa, Kabul, Paktia and Takhar provinces, 01 Clinical Confirmed Neonatal Tetanus outbreak was reported from Bamyan province, 01 Clinical Mumps outbreak was reported form Panjshir province and 01 Dog bite/ suspected Rabies outbreak was reported from Wardak province.

Moreover, 185 COVID-19 confirmed cases and 1618 suspected Measles cases (IBS) were reported at the national level.

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

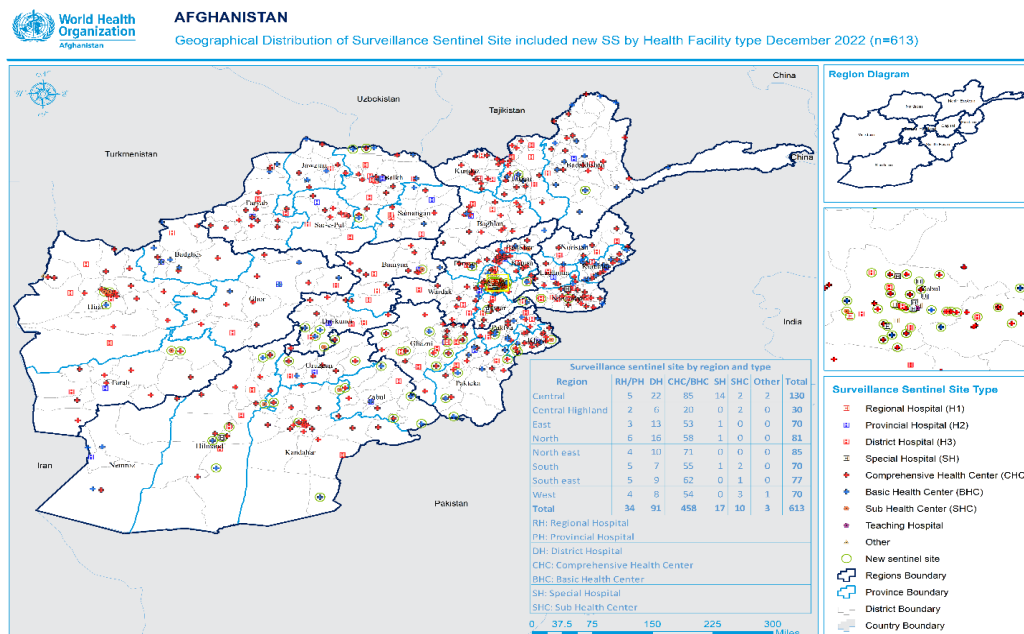


Table 1: Coverage of NDSR Surveillance System

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

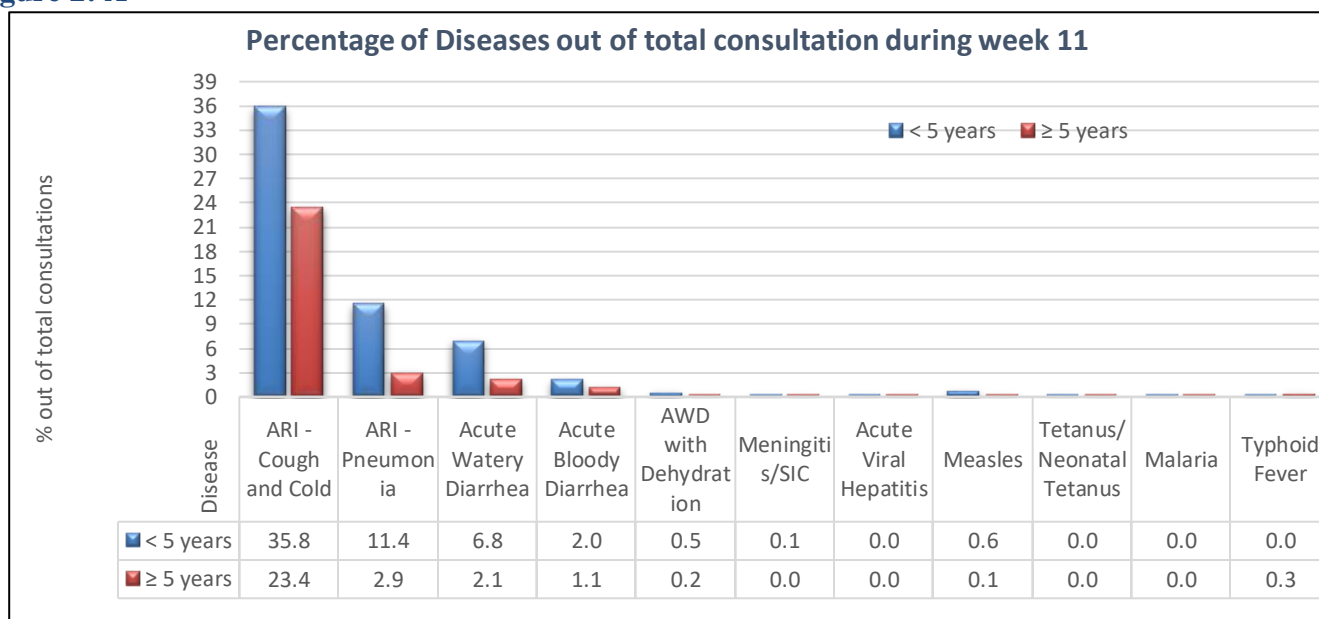
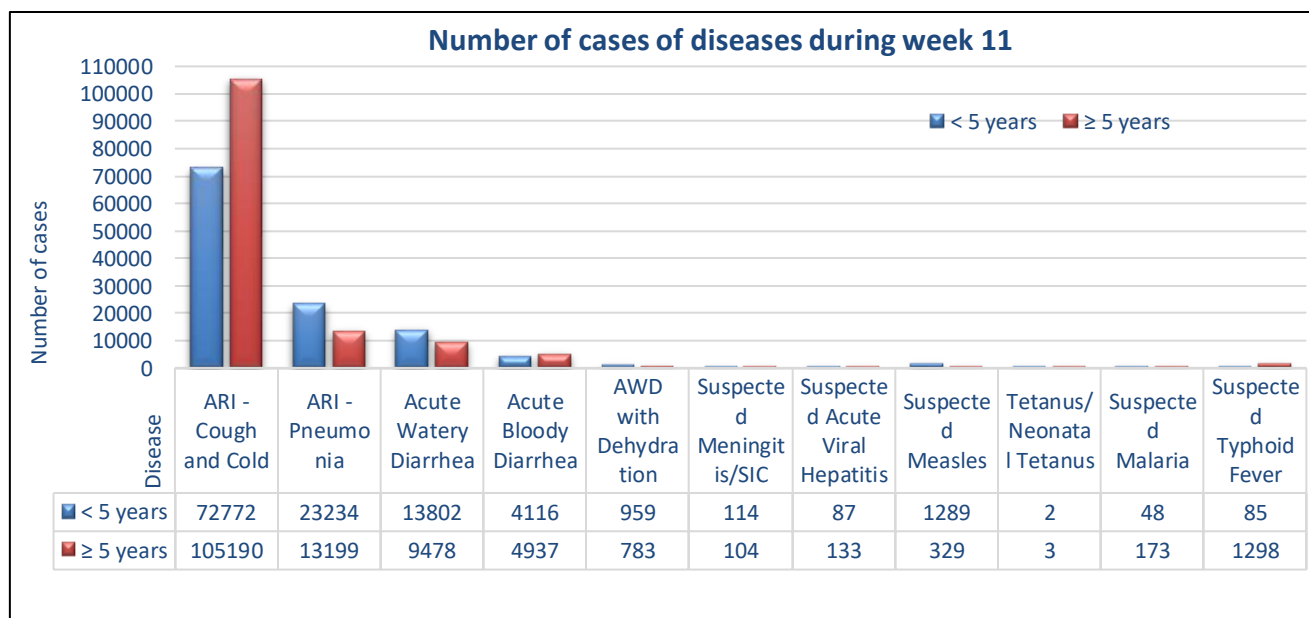


Figure 2: B



Seasonal Diseases:

Figure 3: A

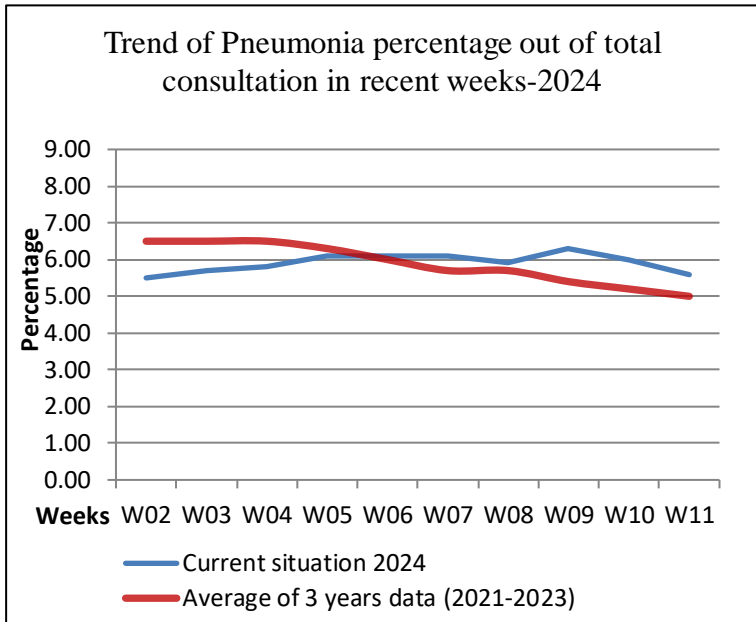


Figure 3: B

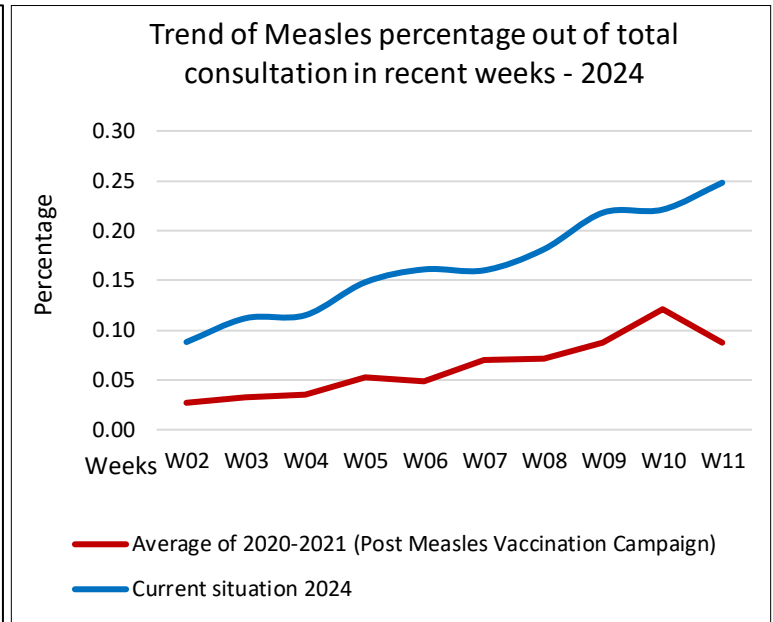


Figure 3: C

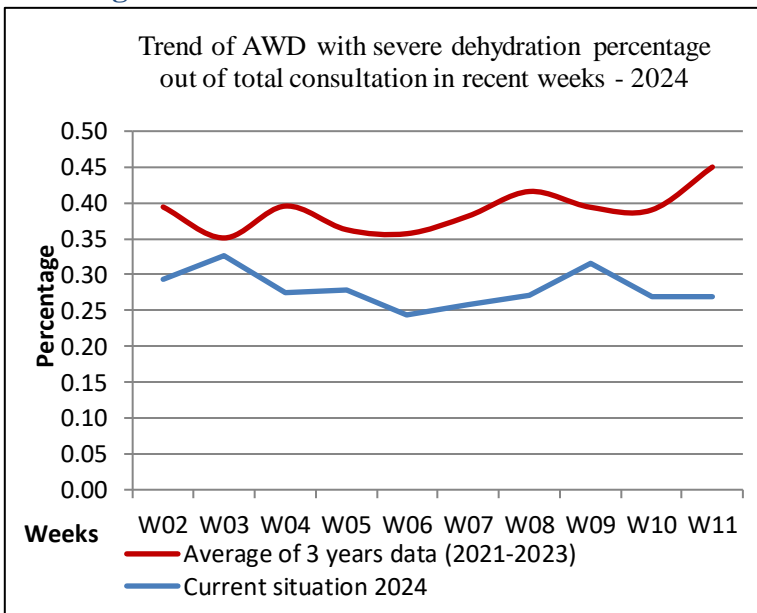


Figure 3: D

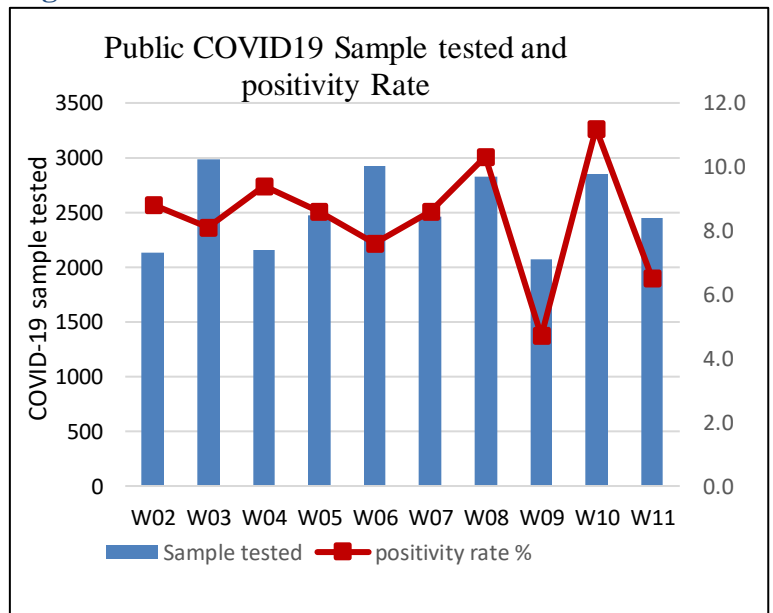


Table 3: Outbreaks in Week 11th 2024:

AFGHANISTAN INFECTIOUS DISEASE OUTBREAKS REPORT Epidemiological week # 11-2024								
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	11/03/24	Badghis	Qadis	Haji Khan Gul	14	3	0 %	0 %
	10/03/24	Kandahar	Shorabak	Noor Chaa	14	0	0 %	0 %
	16/03/24		Shorabak	Ashraf Kali	15	0	0 %	0 %
	16/03/24	Kapisa	Tagab	Tatar Khail	6	1	90 %	70 %
	12/03/24	Khost	Center	Mata Cheena	25	0	60 %	33 %
	10/03/24	Laghman	Qarghaee	Chapa Darya Gulghundi	7	0	100 %	73 %
	10/03/24	Nangarhar	Jalalabad	1 st Zone Genral Saidagha Street	8	0	100 %	40 %
	12/03/24	Paktika	Sharan	Daloo	6	0	82 %	65 %
	11/03/24	Parwan	Charikar	Topdara	17	0	60 %	15 %
	16/03/24	Parwan	Charikar	Ballaghail	9	0	60 %	47 %
	07/03/24	Samangan	Roy-E-Doab	Surkh Qala	6	0	95 %	65 %
	12/03/24	Saripul	Saripul	Nayaha 2	9	0	91 %	70 %
	14/03/24	Takhar	Taloqan	Qara Parchaw And Puliqaq	8	0	70 %	20 %
	11/03/24	Urozgan	Khas-Urozgan	Zarani Village	16	0	55 %	25 %
	09/03/24		Chora	Kamisan	40	0	33 %	0 %
Clinical Scabies	13/3/24	Bamyan	Shebar	Iman Dad	94	0	NA	NA
	16/03/24	Ghazni	Center	Qalai Kolokhak	23	0	NA	NA
	09/03/24	Laghman	Mehterlam	Mia Banda Madrassa	34	0	NA	NA
	14/03/24	Logar	Puli Alam	Nawabad Padkhwab Shana	8	0	NA	NA
	12/03/24	Kabul	21	Qala E Gulbaz	34	0	NA	NA
	14/03/24	Kabul	12	Block-5	17	0	NA	NA
	14/03/24	Nimroz	Zarang	Haider Abad	10	0	NA	NA

	15/03/24	Paktia	Sayed Karam	Chino	12	0	N/A	N/A
	11/03/24	Panjshir	Hisa Awal	Nal Shira And Naw Abbad	12	0	NA	NA
Clinical Chickenpox	12/03/24	Bamyan	Center	Haft Chah	18	0	NA	NA
	09/03/24	Herat	Ghoryan	Gav Dar	51	0	NA	NA
	11/03/24	Herat	Ghoryan	Jan Khan Khail	6	0	N/A	N/A
	16/03/24	Kapisa	Kohband	Qala E Zaman Khan	7	0	NA	NA
	11/03/24	Kabul	16	Sardarkhil	6	0	NA	NA
	09/03/24	Paktia	Ahmad Aba	Kabuli	6	0	NA	NA
	14/3/24	Takhar	Taloqan	Nal Shira And Naw Abbad	24	0	NA	NA
Clinical Neonatal Tetanus	11/03/24	Bamyan	Kahmard	Doab Mekhi Zarin	1	0	23 %	0 %
Clinical Mumps	12/03/24	Panjshir	Center	Data Khil	5	0	0 %	0 %
Dog bite/ suspected Rabies	09/03/24	Wardak	Said Abad	Sultan Khil	5	0	NA	NA

Figure 4: Suspected Measles, Clinical Scabies, Clinical Chickenpox, Clinical Neonatal Tetanus, Clinical Mumps, Dog bite/suspected Rabies, COVID-19 Cases, and deaths during the week 11th 2024.

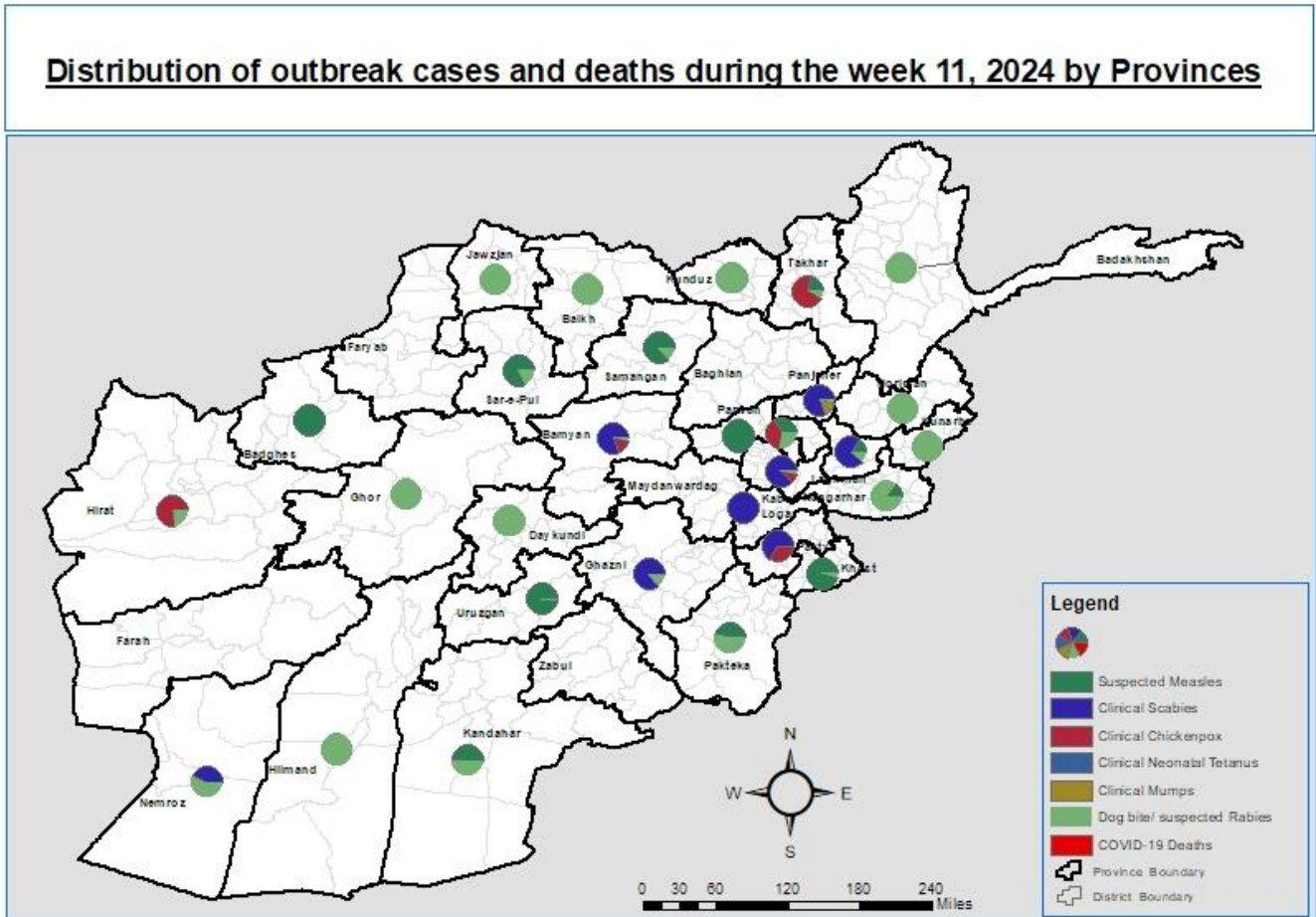


Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 16 March 2024)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Scabies	131	0	4413	0
Measles	110	52	1343	15
Suspected Chickenpox	116	1	1998	0
Dog bites/Suspected Rabies	24	0	183	0
Pertussis	2	0	16	0
Mumps	13	0	399	0
Impetigo	2	0	79	0
Leishmaniasis	2	1	55	0
Pink Eye	3	0	29	0
ARI/Pneumonia	3	0	88	5
Food Poisoning	2	0	20	0
Dengue Fever	1	1	38	0
Typhoid Fever	1	0	10	0
CCHF	1	1	2	0
ARI cough and cold	1	0	55	0
Neonatal Tetanus	1	1	1	0
Grand Total	413	57	8729	20

Laboratory surveillance:

A total of **4075** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **23** specimens were confirmed for Acute Viral Hepatitis, **156** specimens were confirmed for Measles, and **02** specimens was confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 11th 2024, we have received reports from 10 out of 10 sentinel sites (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa, Paktia and Badakhshan). Out of all new hospital admissions, 1059 (19.7%) Severe Acute Respiratory Infections cases were reported and 62% were under 5 years old. The proportion of SARI cases was decreased compared to week 10th 2024. 33 SARI-associated deaths were reported this week. At the 10 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Badakhshan (56.0%), Kabul (50.0%), and Kapisa (48.2%) 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, **2453** specimens were tested for suspected COVID-19. Out of which **185** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 7.5% this week, which increased 0.7% compared to previous week.
- Out of **185 confirmed** cases, **257** contacts out of **73** 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 **42,442** passengers have been screened for COVID-19 at the points of entry in three provinces (Kandahar, Herat and Nangarhar).

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 (0.4%) compared to the previous week.
- Diarrheal diseases are on the increasing trend (0.3%) 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 **1818 (IBS+EBS)** suspected Measles cases with **13 (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.