

Summary:

- Out of 613 functional surveillance sentinel sites, 604 (98.5%) have submitted reports this week.
- A total of 643,140 new consultations, of which 236,727 (36.8%) were due to Surveillance targeted diseases. That included 124,783 (52.7%) males and 111,944 (47.3%) females. Also, 108,624 (45.9%) people under five years old and 128,103 (54.1%) people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (158,547 = 24.7% cases out of total new consultations), Acute Diarrheal Diseases (44,192 = 6.9% cases out of total new consultations), and Pneumonia (27,880= 4.3% cases out of total new consultations).
- A total of 367 deaths were reported this week, of which 64 (17.4%) deaths were due to surveillance-targeted diseases, which include 46 ARI Pneumonia deaths, 04 Acute Viral Hepatitis deaths, 07 Suspected Meningitis deaths, 02 suspected Measles deaths, 03 AWD with Dehydration deaths, and 02 COVID-19 deaths.
- In addition, during this week, 33 outbreaks were reported: 13 Clinical Scabies outbreaks were reported from Bamyan, Ghazni, Ghor, Herat, Kabul, Kapisa, Kunduz, Nangahar, Paktia and Panjshir provinces, 09 Suspected Measles outbreaks were reported from Badakhshan, Bamyan, Kandahar, Nuristan, Paktia, Parwan, Takhar and Urozgan provinces, 04 Clinical Chickenpox outbreaks were reported from Ghor, Herat, Kandahar and Parwan provinces, 01 Anthrax outbreak was reported from Takhar province, 01 ARI Pneumonia outbreak was reported from Kandahar province, 01 Dog bite/ suspected Rabies outbreak was reported from Paktika province, 01 Impetigo outbreak was reported from Badakhshan province, 01 AWD with Dehydration outbreak was reported from Nangarhar province, 01 Viral Conjunctivitis outbreak was reported from Badakhshan province and 01 Viral Hepatitis outbreak was reported from Kunduz province.

Moreover, 131 COVID-19 confirmed cases, and 835 suspected Measles cases (IBS) were reported at the national level.

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

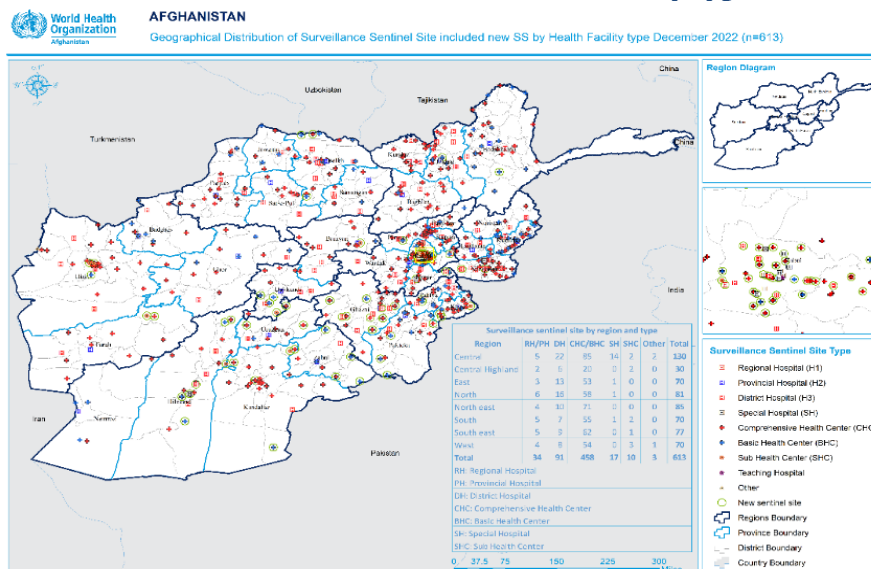


Table 1: Coverage of NDSR Surveillance System

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

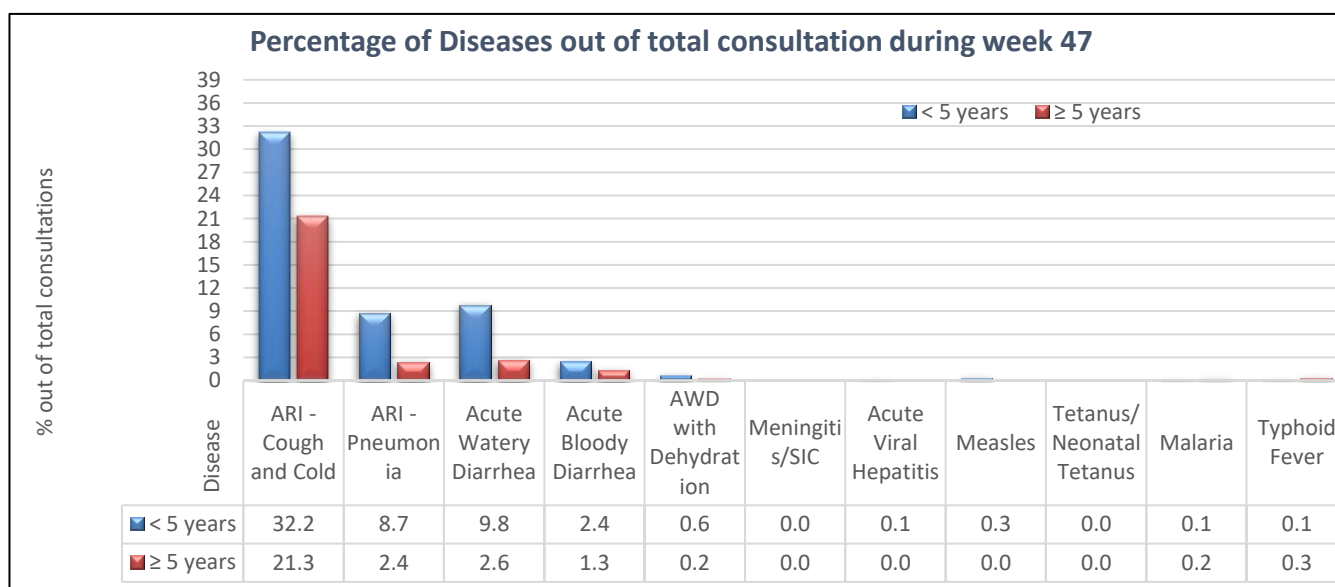
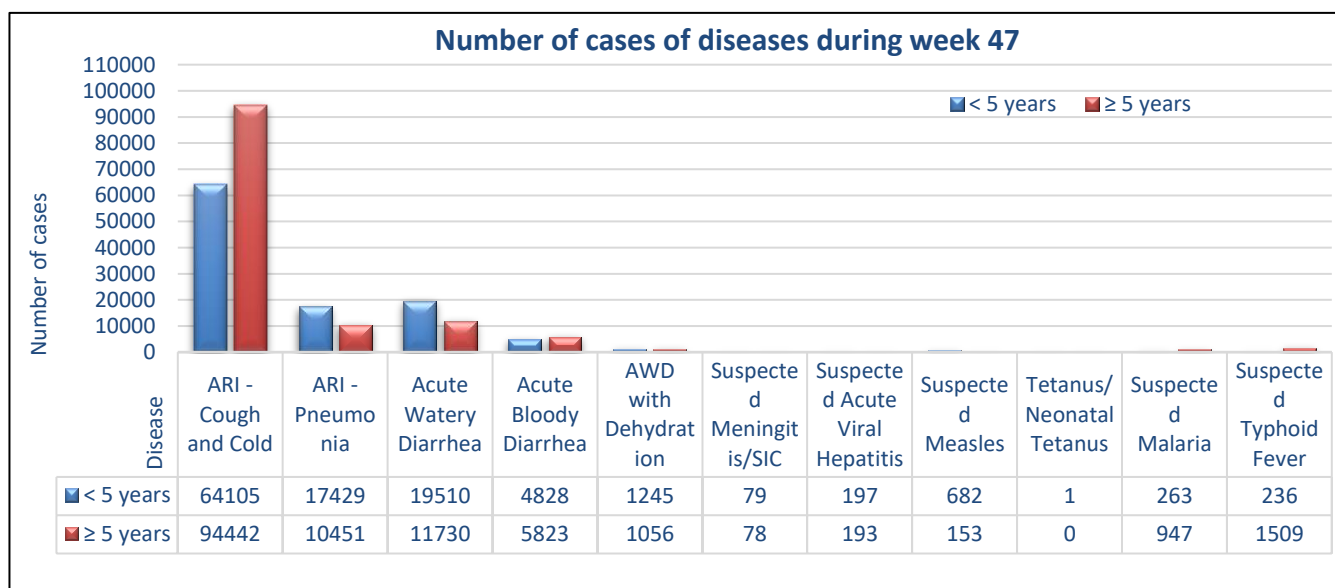


Figure 2: B



Seasonal Diseases:

Figure 3: A

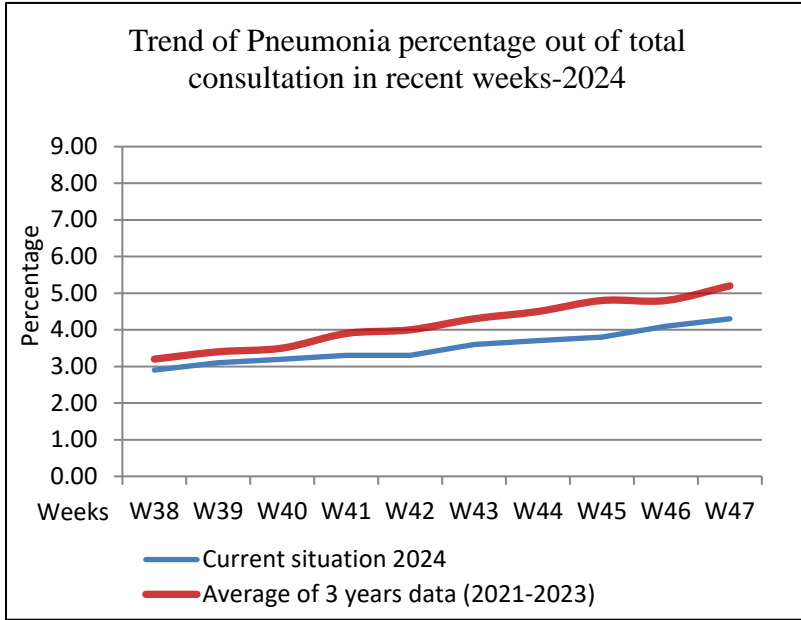


Figure 3: B

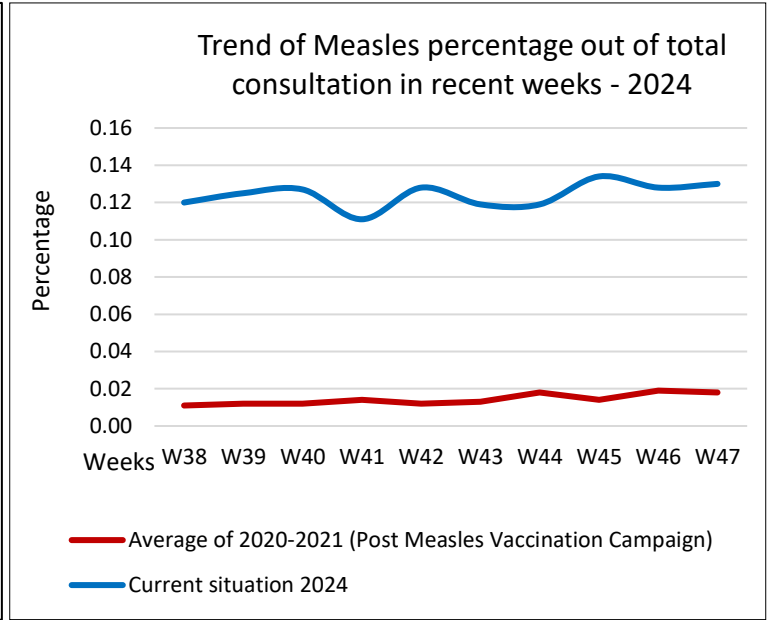


Figure 3: C

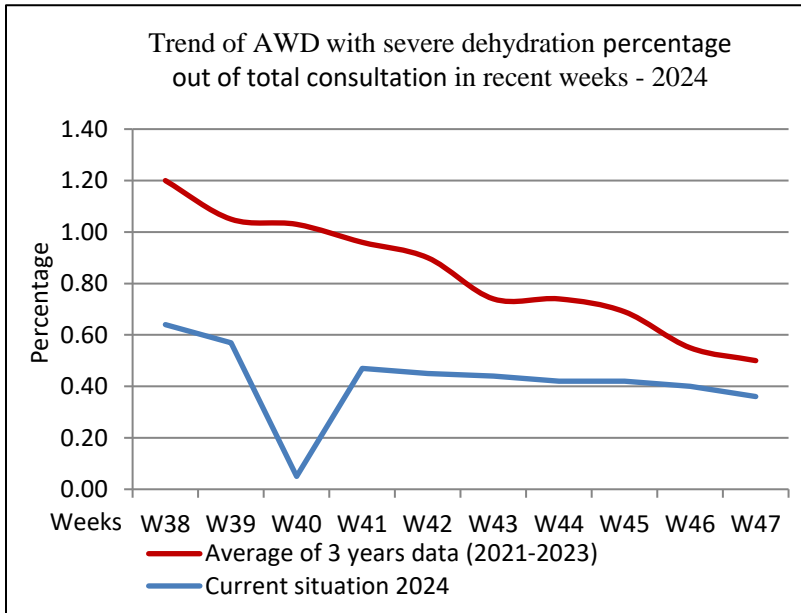


Figure 3: D

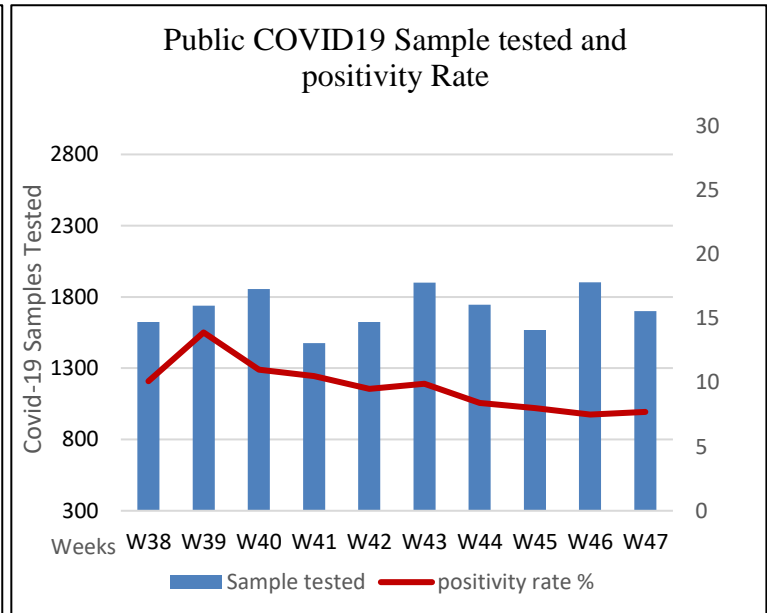


Table 3: Outbreaks in Week 47th 2024:

AFGHANISTAN INFECTIOUS DISEASE OUTBREAKS REPORT Epidemiological week #47-2024								
Event / Diseases Name	Reported date	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage, If VPD	
							Related HF reported coverage	Field Estimated Coverage
Clinical Scabies	20/11/24	Bamyan	Yakawlang2	Chihel Burj Bala	23	0	NA	NA
	19/11/24	Ghazni	Center	Madrasa Jami Awliya	37	0	NA	NA
	19/11/24	Ghor	Morghab	Shorabah Madrasa	11	0	NA	NA
	20/11/24	Herat	Pashton Zarghon	Islam Abad	9	0	NA	NA
	18/11/24	Kabul	Paghman	Qala E Tati	30	0	NA	NA
	19/11/24	Kabul	Qarabagh	Miagul Madrasa Dawoodzai	30	0	NA	NA
	19/11/24	Kapisa	Kohistan-2	Qala-E-Now and Shirak Pirak	17	0	NA	NA
	18/11/24	Kunduz	Emam Sahib	Madrasah Abdullah Ibni Abass	83	0	NA	NA
	16/11/24	Nangarhar	Rodat	Altaqwa Madrasa Hesarshahee	67	0	NA	NA
	16/11/24	Paktia	Gardiz	Khataba	18	0	NA	NA
	17/11/24	Paktia	Gardiz	Shakar Khil	20	0	NA	NA
	21/11/24	Paktia	Samkani	Worgur	21	0	NA	NA
	20/11/24	Panjshir	Dara	Lombar	56	0	NA	NA
Suspected Measles	17/11/24	Badakhshan	Argo	Panjdahra	26	1	60%	57%
	17/11/24	Badakhshan	Darwaz-E-Payen (Nusai)	Ghomai	22	1	40%	20%
	17/11/24	Bamyan	Waras	Surkhshinia Bazgirak	13	0	85%	70%
	22/11/24	Kandahar	Gorak	Chek Ab	9	0	90%	70%
	18/11/24	Nuristan	Kamdish	Sarit Lar Kali	11	1	88%	65%
	17/11/24	Paktia	Ahmad Aba	Noork Khil	6	0	85%	25%
	18/11/24	Parwan	Bagram	Guger Khail	13	0	80%	45%
	19/11/24	Takhar	Taloqan	Prozha Sharqi	6	0	85%	80%
	16/11/24	Urozgan	Chenartu	Agha Jan and Kochian	10	0	83%	27%
	19/11/24	Ghor	Morghab	Waz	14	0	NA	NA

Clinical Chickenpox	17/11/24	Herat	City	Darul ytam Ansar	22	0	NA	NA
	16/11/24	Kandahar	Majataba Masjid	3	3	0	NA	NA
	17/11/24	Parwan	Bagram	Tokhchi	11	0	NA	NA
Anthrax	21/11/24	Takhar	Dashti Qala	Qurogh Say	1	0	NA	NA
ARI/Pneumonia	20/11/24	Kandahar	Shorabak	Koli	37	0	NA	NA
Dog bite/suspected Rabies	18/11/24	Paktika	Yousuf Khel	Mosh Khel	7	0	NA	NA
Impetigo	16/11/24	Badakhshan	Yamgan	Sarab Jokhan	19	0	NA	NA
AWD with Dehydration	23/11/24	Nangarhar	Sorkhroad	Siasang And Dorkhi Kamp Koz Shikhmesr	2	0	NA	NA
Viral Conjunctivitis	16/11/24	Badakhshan	Yaftal	Bedikalan	20	0	NA	NA
Viral Hepatitis	18/11/24	Kunduz	Emam Sahib	Hawa hinasi Village	12	0	NA	NA

Figure 4: Clinical Scabies, Suspected Measles, Clinical Chickenpox, Anthrax, ARI Pneumonia, Dog bite/suspected Rabies, Impetigo, AWD with Dehydration, Viral Conjunctivitis, Viral Hepatitis, COVID-19 cases, and deaths during the week 47th 2024.

Distribution of outbreak cases and deaths during the week 47, 2024 by Provinces

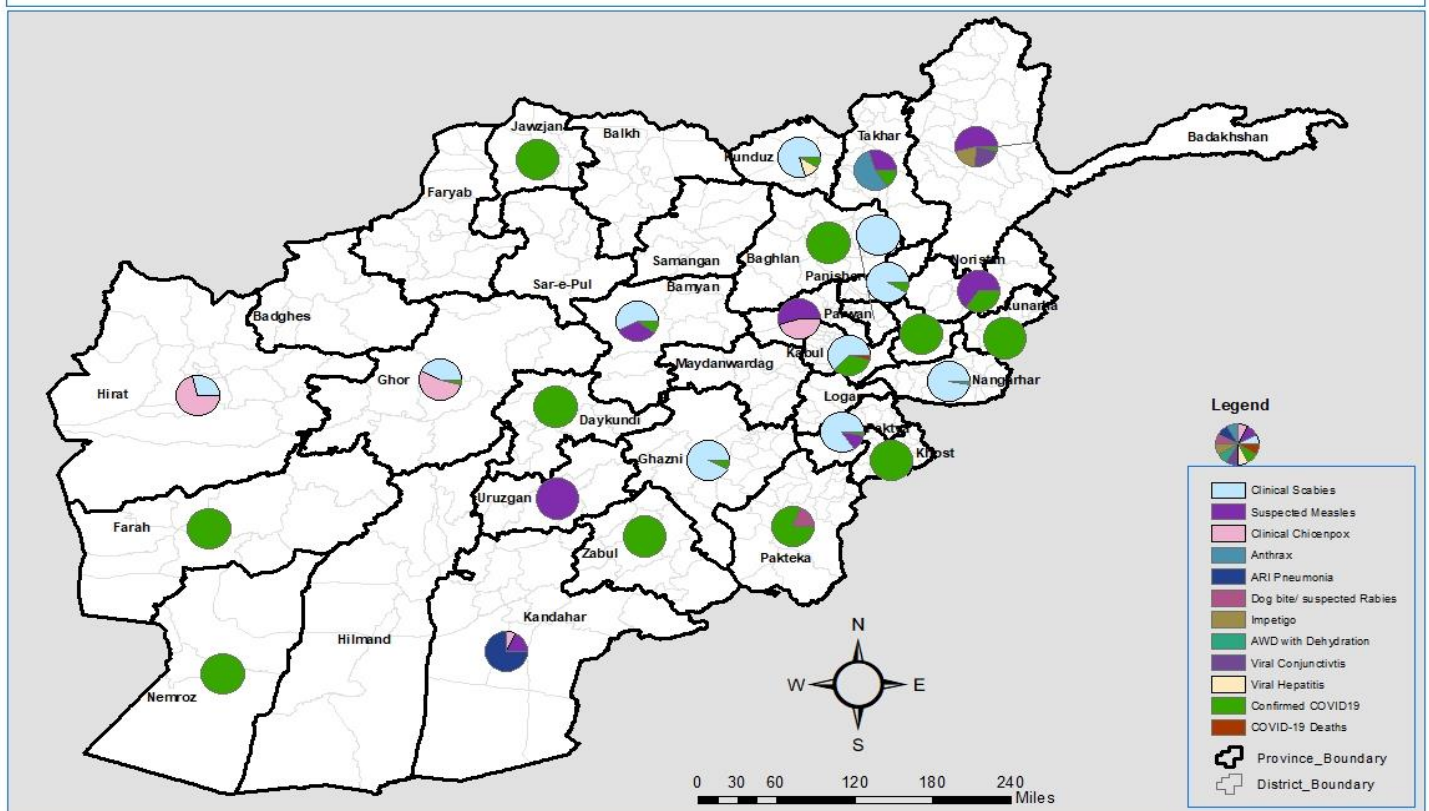


Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 23 Nov 2024)

Disease/Event	Disease/Event	Lab-Confirm	Total Cases	Total Deaths
Scabies	433	0	16972	0
Measles	417	191	4787	39
Suspected Chickenpox	238	61	3963	0
Dog bites/Suspected Rabies	94	0	714	3
Pertussis	10	4	175	0
Mumps	17	0	245	0
Impetigo	16	0	360	0
Leishmaniasis	6	3	639	0
Pink Eye	5	0	59	0
ARI/Pneumonia	9	0	536	10
Food Poisoning	20	0	280	0
Dengue Fever	9	7	251	0
Typhoid Fever	7	1	160	0
CCHF	17	17	45	10
ARI cough and cold	1	0	55	0
Neonatal Tetanus	2	0	4	1
COVID-19	5	5	220	4
Anthrax	9	0	12	0
Acute Watery Diarrhea	2	0	238	0
Acute Watery Diarrhea + Dehydration	52	46	532	6
Confirmed Malaria	28	28	2733	0
Acute Bloody Diarrhea	2	0	54	0
Unknown Poisoning	1	0	5	3
Brucellosis	1	0	14	0
Clinical Botulism	2	0	11	1
Viral Hepatitis	5	2	83	0
Grand Total	1408	365	33147	77

Laboratory surveillance:

A total of **3323** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **07** specimens were confirmed for Acute Viral Hepatitis, **78** specimens were confirmed for Measles and **33** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 47, 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, 976 (14,3%) Severe Acute Respiratory Infectious cases were reported, and 586 (60%) were under 5 years old. The proportion of SARI cases decreased compared to the weeks 46-2024, 31 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 (43%), Badakhshan (36%) and Bamyán (34,9%). During this week, our field staff collected 60 SARI and 40 ILI specimens, which were then shipped to the NIC in Kabul.

COVID-19 Surveillance activities:

This week, **1701** specimens were tested for the suspected COVID-19. Out of which **131** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 cases' positivity rate was 7.7% this week, which increased 0.2% compared to the previous week.
- Out of **131 confirmed** cases, **256** contacts out of **45** 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 **9674** passengers have been screened for COVID-19 at the two points of entry in (Kandahar and Nimroz) provinces.

Challenges and recommendations:

- 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 increasing trend of 0.5% compared to the previous week.
- Diarrheal diseases cases are on the decreasing trend of 0.4% compared to the previous week.
- Pneumonia cases are on the increasing trend 0.2% 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 **951 (IBS+EBS)** suspected Measles cases with **05 (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.