

Summary:

- Out of **613** functional surveillance sentinel sites, **610 (99.5%)** have submitted reports this week.
- A total of **670,047** new consultations, of which **243,743 (36.4%)** were due to Surveillance targeted diseases. That included **127,952 (52.5%) males** and **115,791 (47.5%) females**. Also, **115,098 (47.2%)** people under five years old and **128,645 (52.8%)** people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**138,531 = 20.7%** cases out of total new consultations), Acute Diarrheal Diseases (**76,928 = 11.5%** cases out of total new consultations), and Pneumonia (**19,675= 2.9%** cases out of total new consultations).
- A total of **307** deaths were reported this week, of which **45 (14.7%)** deaths were due to surveillance-targeted diseases, which include **30 ARI Pneumonia** deaths, **07 Suspected Meningitis** deaths, **03 Acute Viral Hepatitis** deaths, **02 suspected Measles** deaths, **02 Acute Watery Diarrhea with Dehydration** deaths and **01 suspected Hemorrhagic Fever** death.
- In addition, during this week, **25** outbreaks were reported: **08 Suspected Measles** outbreaks were reported from Kapisa, Kabul, Ghazni, Herat, Logar, Nuristan and Paktia provinces, **06 Clinical Scabies** outbreaks were reported from Kabul, Kapisa, Kunduz, Nangarhar, Paktia and Wardak provinces, **03 Dog bite/ suspected Rabies** outbreaks were reported from Parwan, Wardak and Zabul provinces, **02 Clinical Impetigo** outbreaks were reported from Badghis and Kunduz provinces, **01 Anthrax** outbreak was reported from Jawzjan province, **01 Suspected Botulism** outbreak was reported from Balkh province, **01 Clinical Chickenpox** outbreak was reported from Panjsher province, **01 Food Poisoning** outbreak was reported from Laghman province, **01 Confirmed Malaria** outbreak was reported from Paktika province and **01 Suspected Jaundice** outbreak was reported from Bamyan province.

Moreover, **241** COVID-19 confirmed cases, and **860** suspected Measles cases (IBS) were reported at the national level.

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

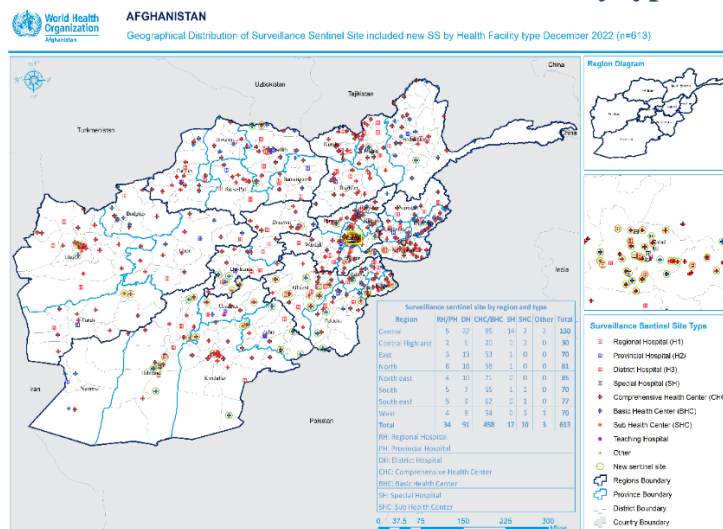


Table 1: Coverage of NDSR Surveillance System

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

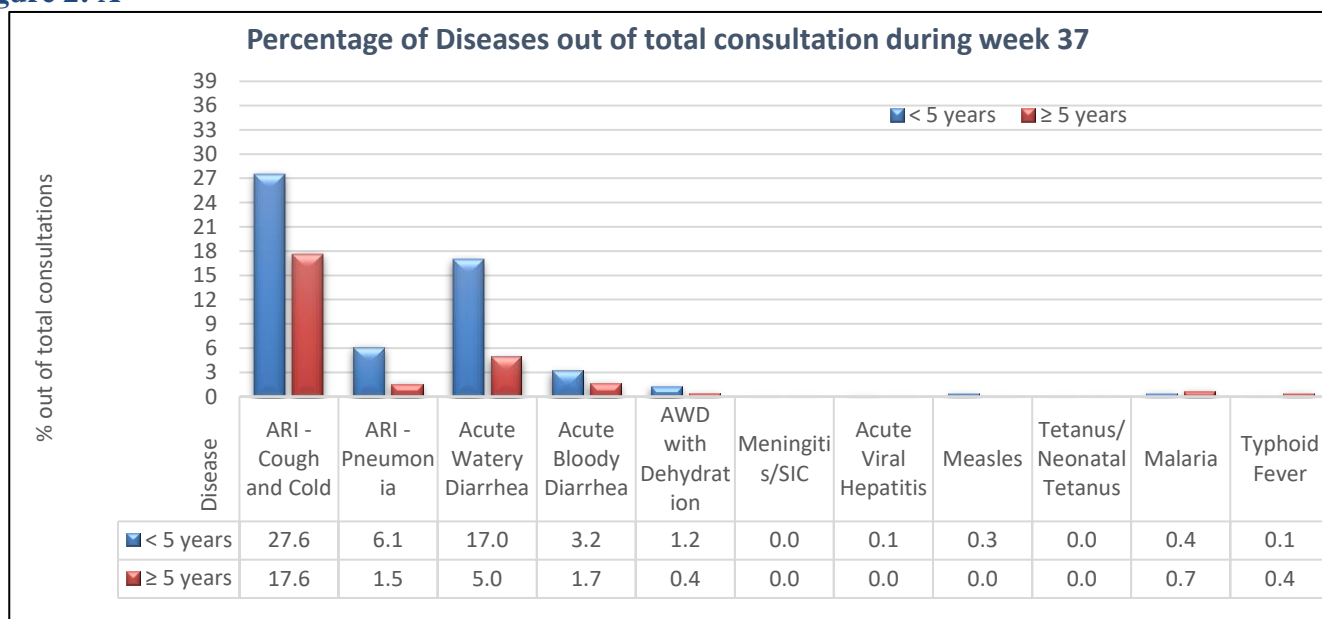
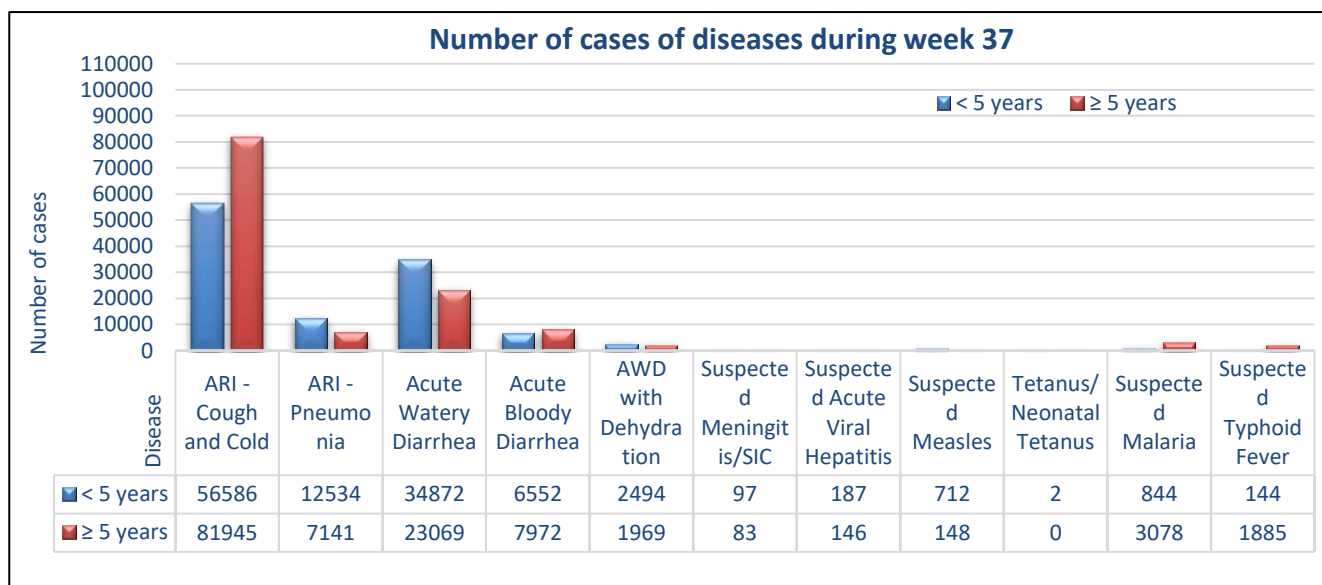


Figure 2: B



Seasonal Diseases:

Figure 3: A

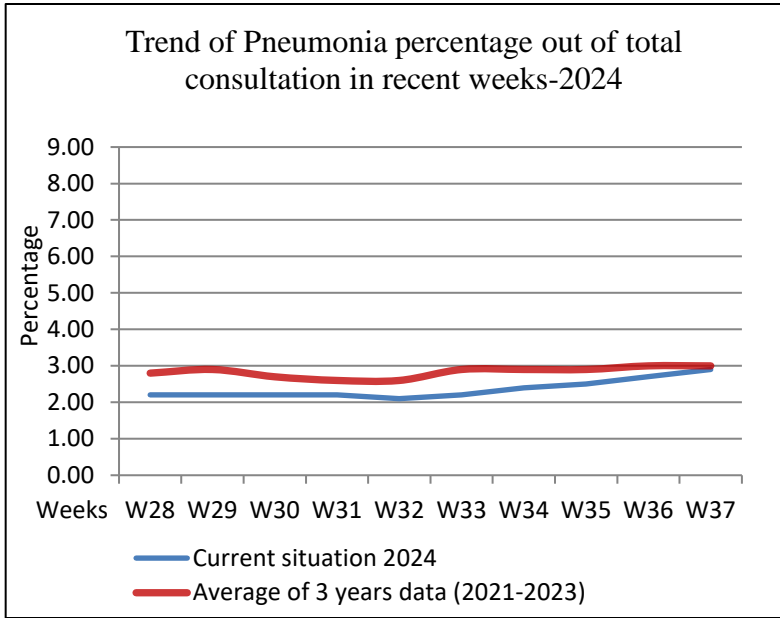


Figure 3: B

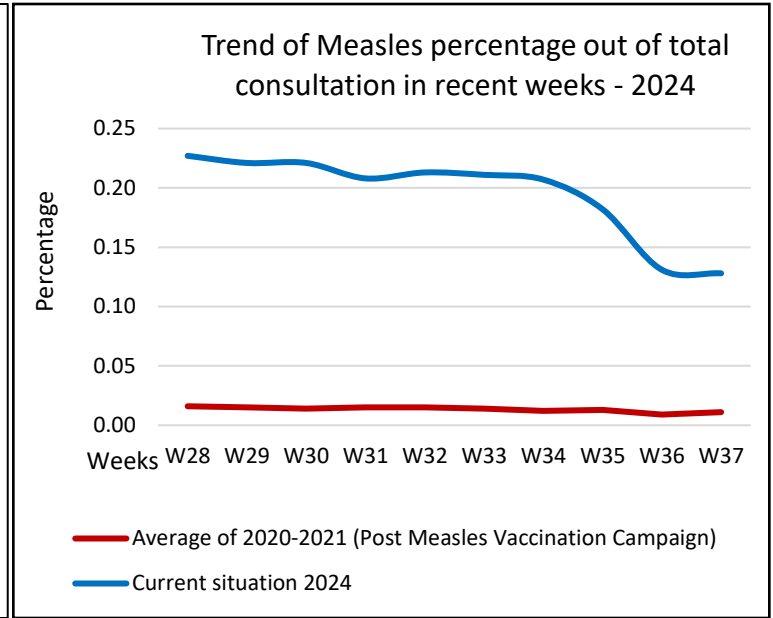


Figure 3: C

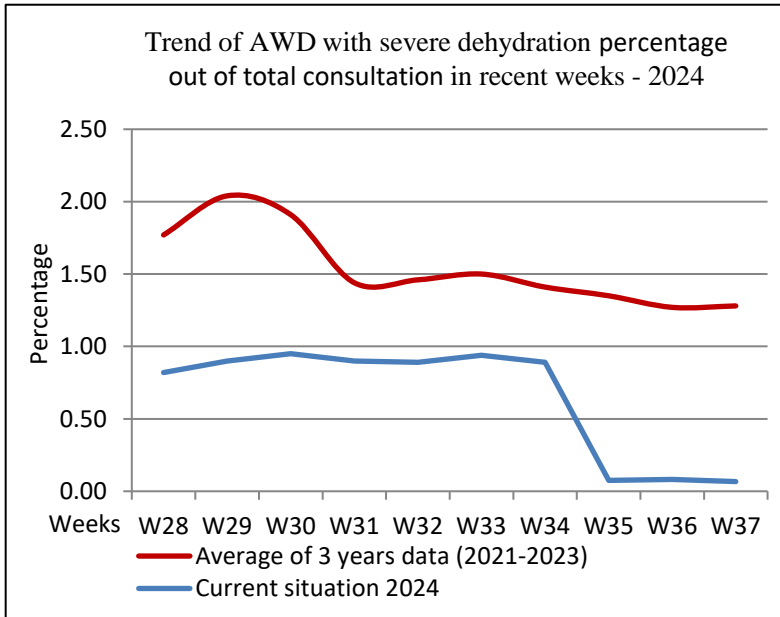


Figure 3: D

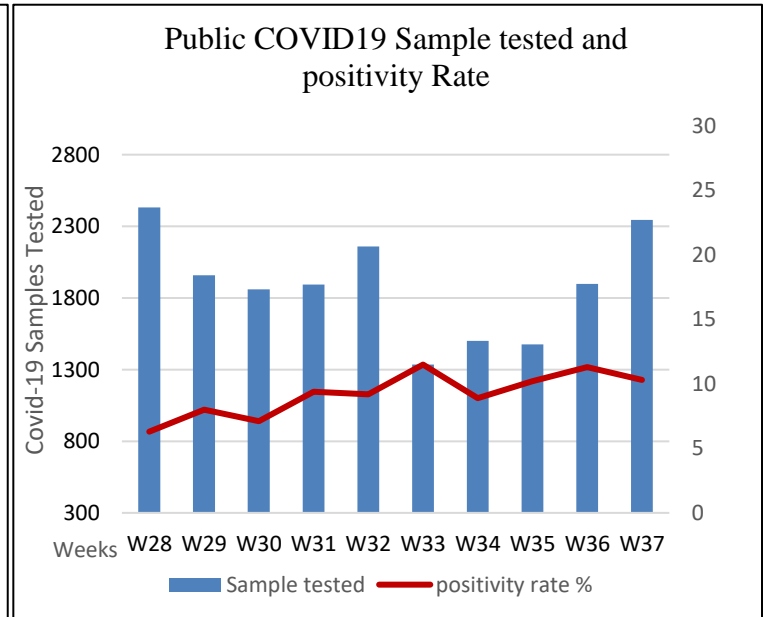


Table 3: Outbreaks in Week 37th 2024:

AFGHANISTAN | INFECTIOUS DISEASE OUTBREAKS REPORT | Epidemiological week #37-2024

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	08/9/24	Kapisa	Tagab	Qala-E Wali	6	0	91%	20%
	11/9/24	Kabul	10	Wazir Akbar Khan	6	0	38%	17%
	11/9/24	Ghazni	Geelan	Malik Khail	7	0	60%	0%
	08/9/24	Herat	Injil	Hawa Deh	10	0	98%	95%
	09/9/24	Logar	M. Agha	Mado Khil	8	0	80%	50%
	06/9/24	Nuristan	Want Waygal	Mondish	7	0	70%	30%
	08/9/24	Paktia	Chamkani	Kotky	21	0	80%	0%
	13/9/24	Paktia	Chamkani	Ghulam Ali	18	0	80%	0%
Clinical Scabies	11/9/24	Kabul	16	Guzar 7 Qala E Zaman Khan	20	0	NA	NA
	07/9/24	Kapisa	Nijrab	Shafi Khail	20	0	NA	NA
	09/9/24	Kunduz	Kunduz	500 Bed Addicts Support And Treatment Center	96	0	NA	NA
	09/9/24	Nangarhar	Belandghar Behsood	Khalid Beni Waleed Madrasa	44	0	NA	NA
	09/9/24	Paktia	Gardiz	Sadatkhil	16	0	NA	NA
	10/9/24	Wardak	Chak	Gardan Masjid	45	0	NA	NA
Dog bites/ suspected Rabies	07/9/24	Parwan	Charikar	Laghmani	6	0	NA	NA
	12/9/24	Wardak	Said Abad	Lora	6	0	NA	NA
	11/9/24	Zabul	Shah-Joy	Musazai	7	0	NA	NA
Clinical Impetigo	06/9/24	Badghis	Bala Morghab	Qolaqi	16	0	NA	NA
	07/9/24	Kunduz	Khanabad	Hassan Miakhil And Ahmad Shah Massoud	44	0	NA	NA
Anthrax	09/9/24	Jawzjan	Murdian	Center	1	0	NA	NA

Suspected Botulism	06/9/24	Balkh	Mazar-I-Sharif City	Kaj Guzar	2	0	NA	NA
Clinical Chickenpox	09/9/24	Panjshir	Hisa Awal	Ashrat Khan	16	0	NA	NA
Food Poisoning	09/9/24	Laghman	Alingar	Chinchar Pul	10	0	NA	NA
Confirmed Malaria	10/9/24	Paktika	Waza Khwa	Naw Abad	34	0	NA	NA
Suspected Jaundice	10/9/24	Bamyan	Panjab	Kafshab And Sabzjoy	46	0	NA	NA

Figure 4: Suspected Measles, Clinical Scabies, Dog bite/ suspected Rabies, Clinical Impetigo, Anthrax, Suspected Botulism, Chickenpox, Food Poisoning, Confirmed Malaria, Suspected Jaundice, COVID-19 cases, and deaths during the week 37th 2024.

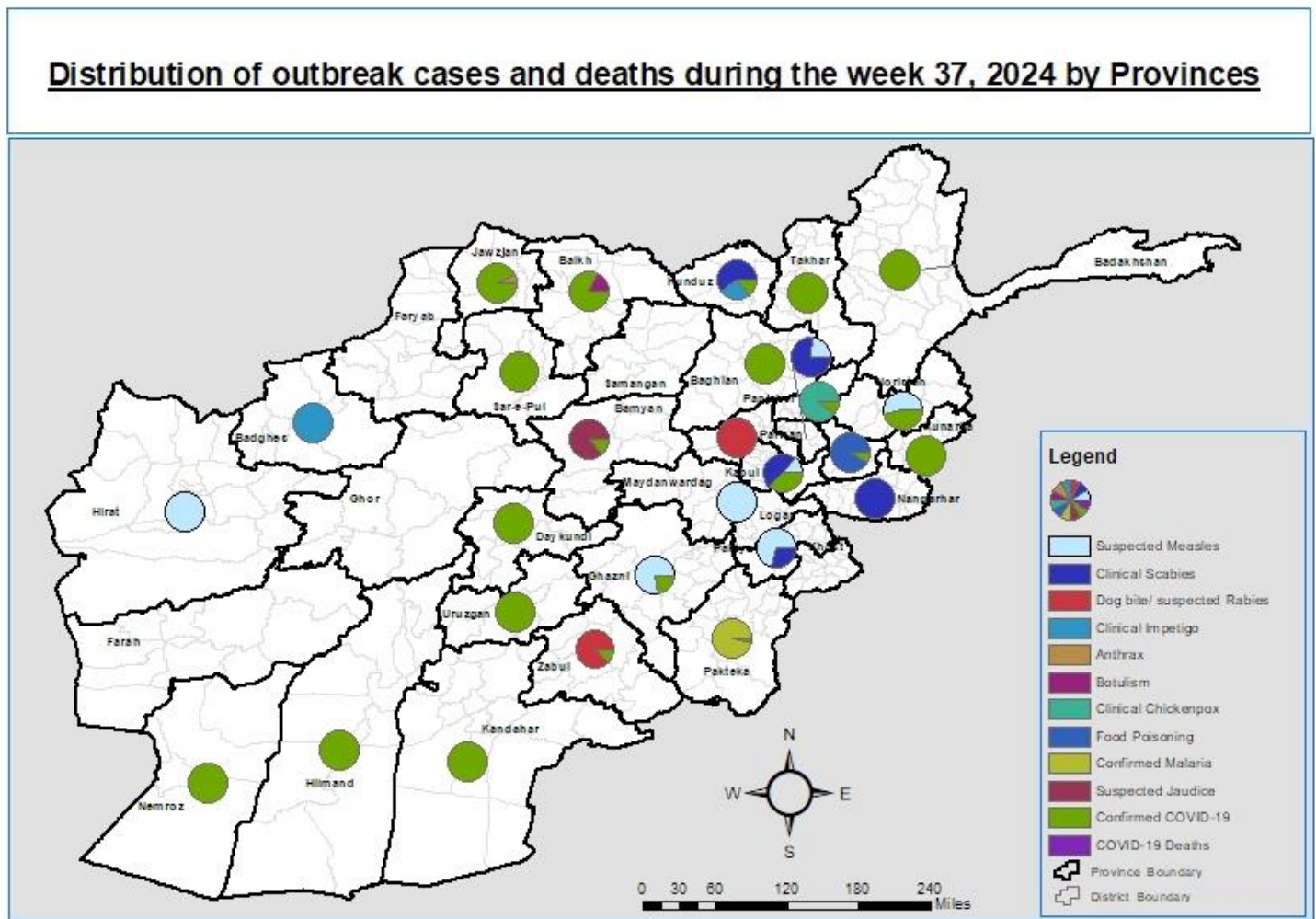


Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 14 Sep 2024)

Disease/Event	Disease/Event	Lab-Confirm	Total Cases	Total Deaths
Scabies	364	0	14186	0
Measles	360	175	4189	31
Suspected Chickenpox	214	47	3554	0
Dog bites/Suspected Rabies	73	0	568	0
Pertussis	9	0	167	0
Mumps	17	0	447	0
Impetigo	15	0	341	0
Leishmaniasis	5	3	616	0
Pink Eye	4	0	36	0
ARI/Pneumonia	8	0	300	10
Food Poisoning	16	0	205	0
Dengue Fever	5	5	180	0
Typhoid Fever	6	0	127	0
CCHF	16	16	38	10
ARI cough and cold	1	0	55	0
Neonatal Tetanus	2	0	4	1
COVID-19	5	5	220	4
Anthrax	5	0	8	0
Acute Watery Diarrhea	3	0	100	0
Acute Watery Diarrhea + Dehydration	27	22	517	4
Confirmed Malaria	22	22	2423	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	1	0	46	0
Grand Total	1184	297	28411	64

Laboratory surveillance:

A total of **4429** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **13** specimens were confirmed for Acute Viral Hepatitis, **63** specimens were confirmed for Measles and **110** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 37th 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, 654 (10,9%) Severe Acute Respiratory Infections cases were reported, and 352 (53,8%) were under 5 years old. The proportion of SARI cases decreased compared to weeks 36–2024. 21 SARI-associated deaths were reported this week. At the 10 Influenza sentinel sites, the top sites with the highest proportion of SARI cases were Bamyán (35%), Kabul (27%) and Badakhshan (26%). 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, **2344** specimens were tested for the suspected COVID-19. Out of which **241** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 10.3% this week, which decreased 1.0% compared to the previous week.
- Out of **241 confirmed** cases, **378** contacts out of **108** 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 **8161** passengers have been screened for COVID-19 at the two points of entry in (Kandahar 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 increasing trend 1.5% compared to the previous week.
- Diarrheal diseases are on the decreasing trend 1.2% 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 **943 (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.