

Summary:

- Out of 613 functional surveillance sentinel sites, 609 (99.3%) have submitted reports this week.
- A total of 641,207 new consultations, of which 228,638 (35.7%) were due to Surveillance targeted diseases. That included 120,596 (52.7%) males and 108,042 (47.3%) females. Also, 109,224 (47.8%) people under five years old and 119,414 (52.2%) people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (135,154 = 21.1% cases out of total new consultations), Acute Diarrheal Diseases (66,000 = 10.3% cases out of total new consultations), and Pneumonia (19,605= 3.1% cases out of total new consultations).
- A total of 347 deaths were reported this week, of which 73 (21%) deaths were due to surveillance-targeted diseases, which include 47 ARI Pneumonia deaths, 09 Acute Watery Diarrhea with Dehydration deaths, 05 Suspected Meningitis deaths, 04 Acute Viral Hepatitis deaths, 04 suspected Measles deaths, 03 COVID-19 deaths and 01 suspected Hemorrhagic Fever death.
- In addition, during this week, 23 outbreaks were reported: 09 Clinical Scabies outbreaks were reported from Herat, Kunar, Laghman, Nangarhar, Paktia, Panjshir and Takhar provinces, 05 Suspected Measles outbreaks were reported from Kabul, Kandahar, Kunduz, Urozgan and Wardak provinces, 04 Suspected Chickenpox outbreaks were reported from Baghlan, Kunar, Kunduz and Paktia provinces, 02 Dog Bite/ suspected Rabies outbreaks were reported from Khost and Laghman provinces, 01 Lab confirmed CCHF outbreak was reported from Parwan province, 01 Suspected Anthrax outbreak was reported from Kunduz province and 01 Lab confirmed Typhoid Fever outbreak was reported from Parwan province.

Moreover, 241 COVID-19 confirmed cases, and 804 suspected Measles cases (IBS) were reported at the national level.

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

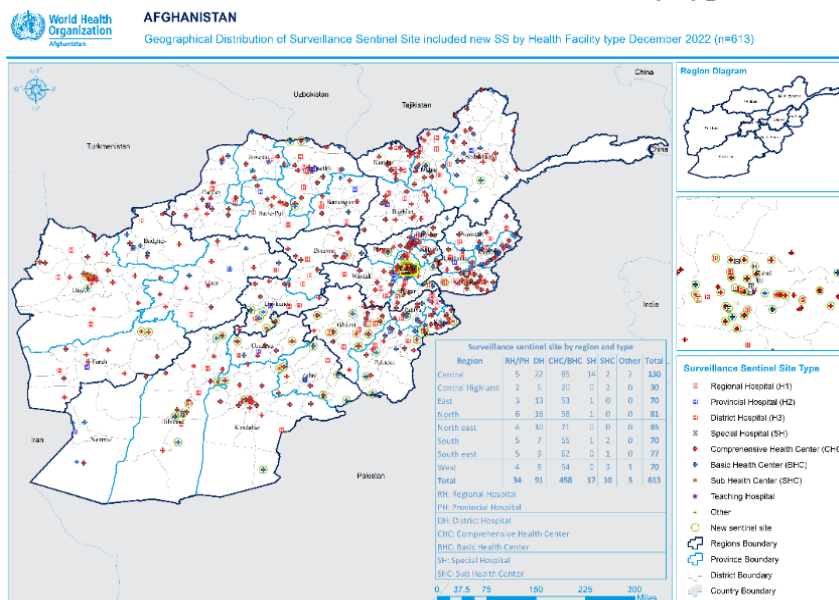


Table 1: Coverage of NDSR Surveillance System

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

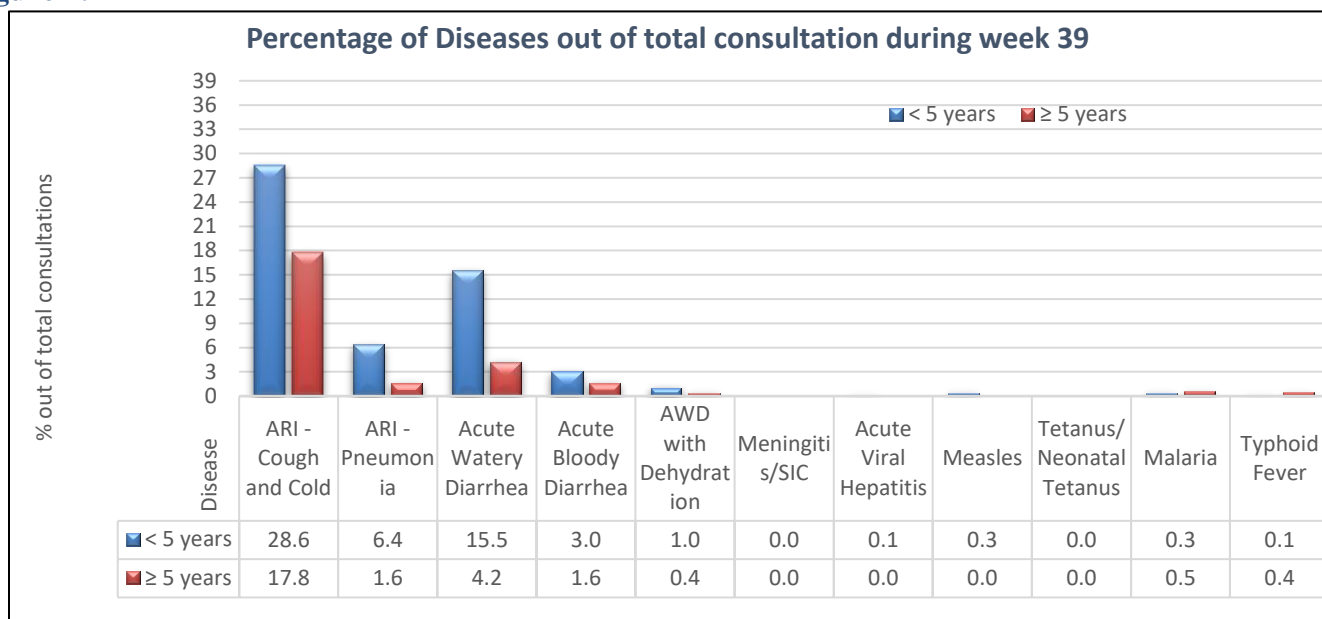
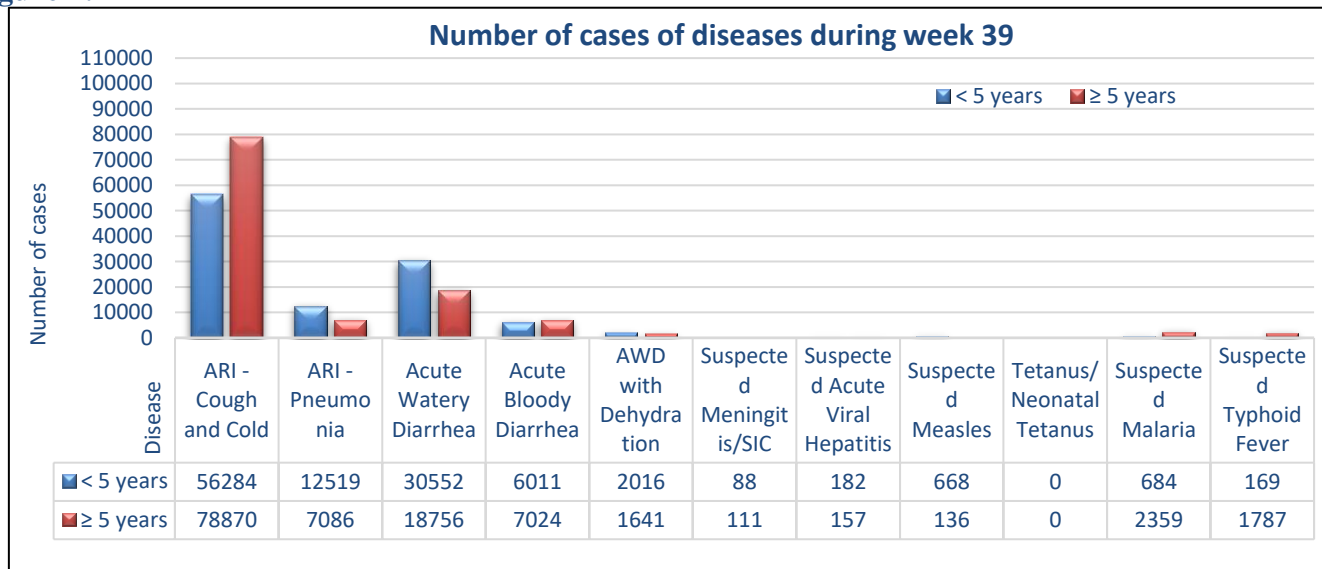


Figure 2: B



Seasonal Diseases:

Figure 3: A

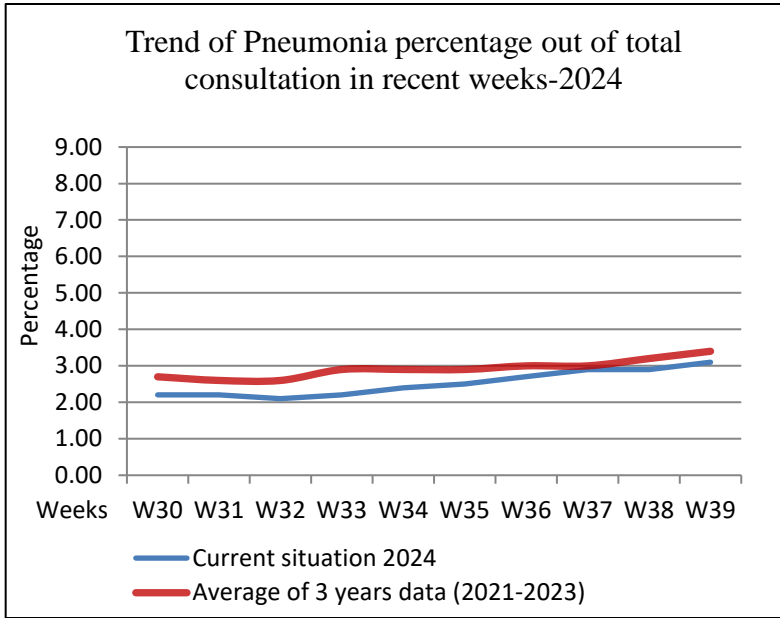


Figure 3: B

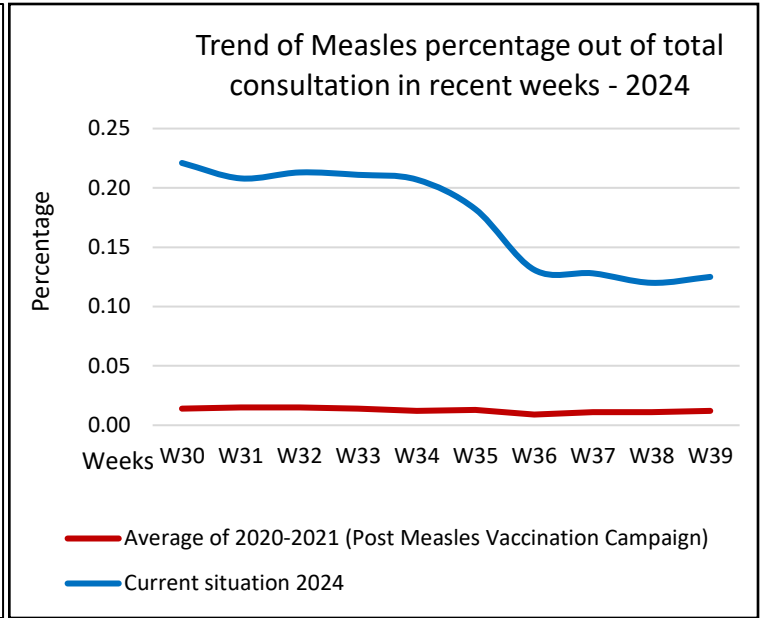


Figure 3: C

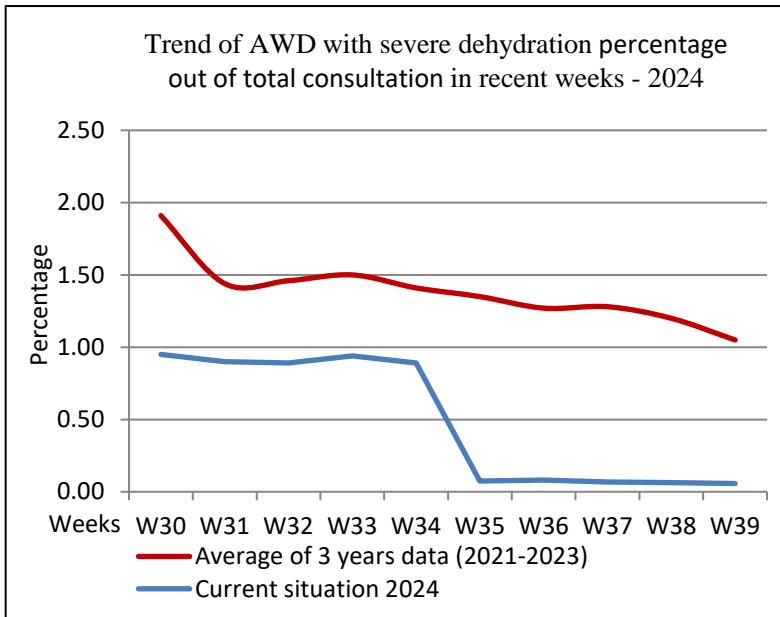


Figure 3: D

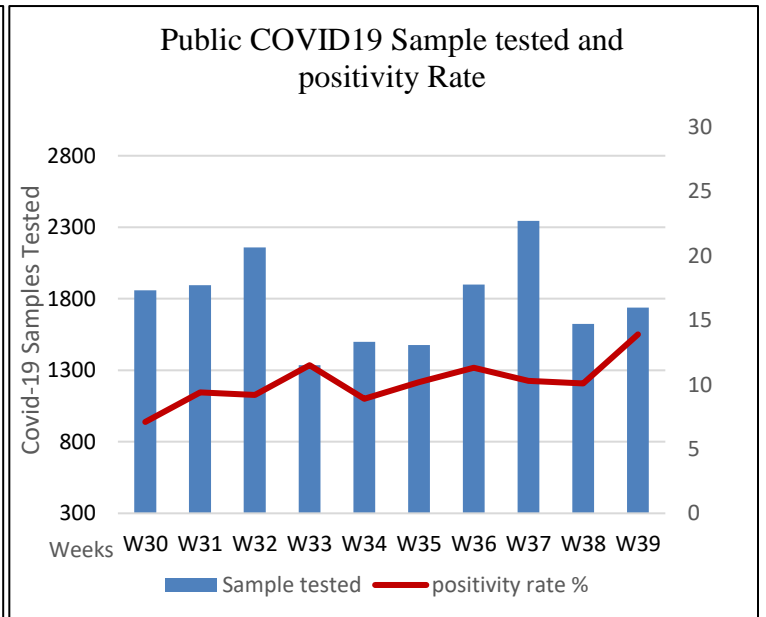


Table 3: Outbreaks in Week 39th 2024:

AFGHANISTAN INFECTIOUS DISEASE OUTBREAKS REPORT Epidemiological week #39-2024								
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	23/9/24	Herat	Center	Prison	61	0	NA	NA
	23/9/24	Kunar	Dara-E-Pach	Nangalam Ruzanton	15	0	NA	NA
	23/9/24	Kunar	Chapa Darah	Abdullah Ibn Masoud, Burj Kani, Talemula Quran, Imam E Bukhari and Imam Abo Hanifa Madrasas	8	0	NA	NA
	21/9/23	Laghman	Alingar	Salingar	38	0	NA	NA
	23/9/23	Nangarhar	Rodat	Talimul Quran Mdarasa Hijratabad	175	0	NA	NA
	23/9/24	Nangarhar	Ghanikhil Shinwar	25th Canal Secondary School	63	0	NA	NA
	25/9/24	Paktia	Gardiz	Atam Kala	53	0	NA	NA
	22/9/24	Panjshir	Anaba	Begara	24	0	NA	NA
21/9/24	Takhar	Taloqan	Hassan Bik Village, Qolbars	93	0	NA	NA	
Suspected Measles	21/9/24	Kabul	Deh Sabz	Nawabad Bakhtyaran	6	0	86%	31%
	21/9/24	Kandahar	Daman	Gra Kali	10	0	90%	60%
	25/9/24	Kunduz	Aqtash	Kabuli Qeshlaq	12	0	65%	25%
	24/9/24	Urozgan	Chinarto	Boom	9	0	64%	27%
	27/9/24	Wardak	Chak	Chahil Gary	8	0	68%	61%
Clinical Chickenpox	24/9/24	Baghlan	Pulikhumeri	Nasratullah	12	0	N/A	N/A
	23/9/23	Kunar	Chapa Darah	Abdullah Ibn Masoud Madrasa	18	0	N/A	N/A

	28/9/24	Kunduz	Kunduz	Sayed Abad	9	0	N/A	N/A
	22/9/24	Paktia	Gardez	Abdullah	10	0	N/A	N/A
Dog Bite/ suspected Rabies	22/9/24	Khost	Center	Police O Nomri	3	0	N/A	N/A
	25/9/24	Laghman	Mehterlam	Nanakzai And Kota E Tor	10	0	N/A	N/A
CCHF	21/9/24	Parwan	Shinwari	Kafshan Tajekan	7	0	N/A	N/A
Suspected Anthrax	24/9/24	Kunduz	Kunduz	Emam Sahib	1	0	N/A	N/A
Confirmed Typhoid	23/9/24	Parwan	Shinwari	Kafshan	33	0	N/A	N/A

Figure 4: Clinical Scabies, Suspected Measles, Clinical Chickenpox, Dog Bite/suspected Rabies, CCHF, Typhoid Fever, COVID-19 cases, and deaths during the week 39th 2024.

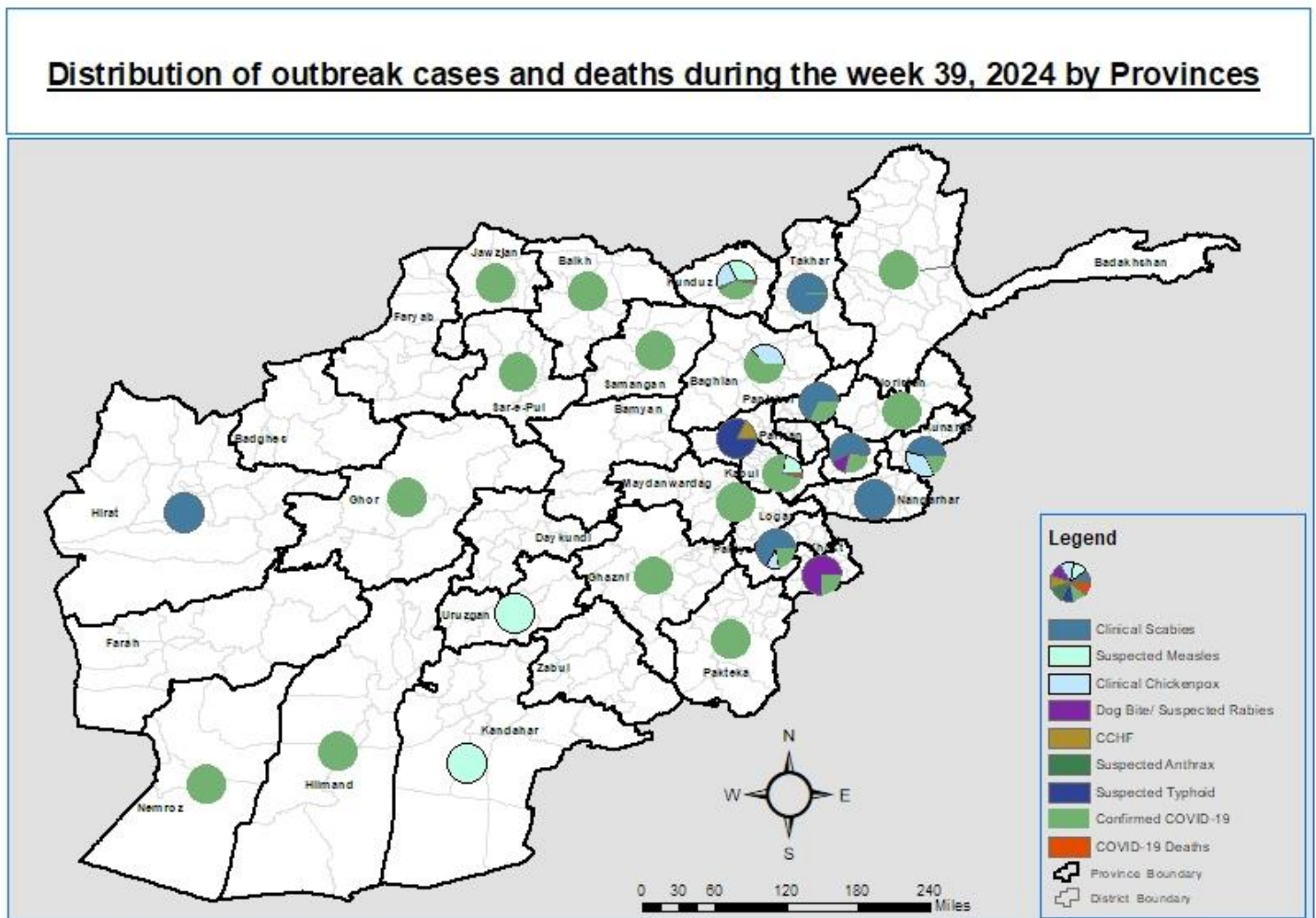


Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 28 Sep 2024)

Disease/Event	Disease/Event	Lab-Confirm	Total Cases	Total Deaths
Scabies	381	0	15018	0
Measles	367	183	4257	31
Suspected Chickenpox	221	58	3697	0
Dog bites/Suspected Rabies	75	0	581	0
Pertussis	9	3	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	6	5	196	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	6	0	9	0
Acute Watery Diarrhea	3	0	100	0
Acute Watery Diarrhea + Dehydration	29	25	521	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	1	46	0
Grand Total	1223	323	29528	64

Laboratory surveillance:

A total of **2770** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **18** specimens were confirmed for Acute Viral Hepatitis, **14** specimens were confirmed for Measles and **1** specimen were confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 39th 2024, we have received reports from all ten influenza sites (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa, Paktia, and Badakhshan) provinces. Out of all new hospital admissions, 781 (13%) Severe Acute Respiratory Infections cases were reported, and 460 (58,8%) were under 5 years old. The proportion of SARI cases increased compared to weeks 38–2024. 18 SARI-associated deaths were reported this week. At the 10 Influenza sentinel sites, the top sites with the highest proportion of SARI cases were Bamyan (36,7%), Kabul (30%) and Badakhshan (28%). 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, **1738** 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 13.9% this week, which decreased 1.6% compared to the previous week.
- Out of **241 confirmed** cases, **346** contacts out of **76** 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 **7747** 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 same trend compared to the previous week.
- Diarrheal diseases are on the decreasing trend 0.6% 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 **849 (IBS+EBS)** suspected Measles cases with **04 (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.