

Summary:

- Out of **613** functional surveillance sentinel sites, **602 (98.2%)** have submitted reports this week.
- A total of **650,412** new consultations, of which **233,728 (35.9%)** were due to Surveillance targeted diseases. That included **123,337 (52.8%) males** and **110,391 (47.2%) females**. Also, **110,124 (47.1%)** people under five years old and **123,604 (52.9%)** people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**146,637 = 22.5%** cases out of total new consultations), Acute Diarrheal Diseases (**57,996 = 8.9%** cases out of total new consultations), and Pneumonia (**21,728= 3.3%** cases out of total new consultations).
- A total of **320** deaths were reported this week, of which **46 (14.4%)** deaths were due to surveillance-targeted diseases, which include **36 ARI Pneumonia** deaths, **02 Acute Watery Diarrhea with Dehydration** deaths, **02 Acute Viral Hepatitis** deaths, **02 suspected Measles** deaths, **02 Suspected Hemorrhagic Fever** deaths, **01 Suspected Meningitis** death and **01 Neonatal Tetanus** death.
- In addition, during this week, **25** outbreaks were reported: **07 AWD with Dehydration** outbreaks were reported from Laghman and Nangarhar provinces, **05 Suspected Measles** outbreaks were reported from Helmand, Kabul, Paktia and Urozgan provinces, **05 Clinical Scabies** outbreaks were reported from Kabul, Kapisa, Kunar, Nuristan and Zabul provinces, **02 Dog bite/suspected Rabies** outbreaks were reported from Balkh and Kapisa provinces, **02 Viral Hepatitis** outbreaks were reported from Herat and Kapisa provinces, **01 Confirmed Malaria** outbreak was reported from Zabul province, **01 Food Poisoning** outbreak was reported from Parwan province, **01 Clinical Chickenpox** outbreak was reported from Logar province and **01 Anthrax** outbreak was reported from Takhar.

Moreover, **155** COVID-19 confirmed cases, and **830** suspected Measles cases (IBS) were reported at the national level.

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

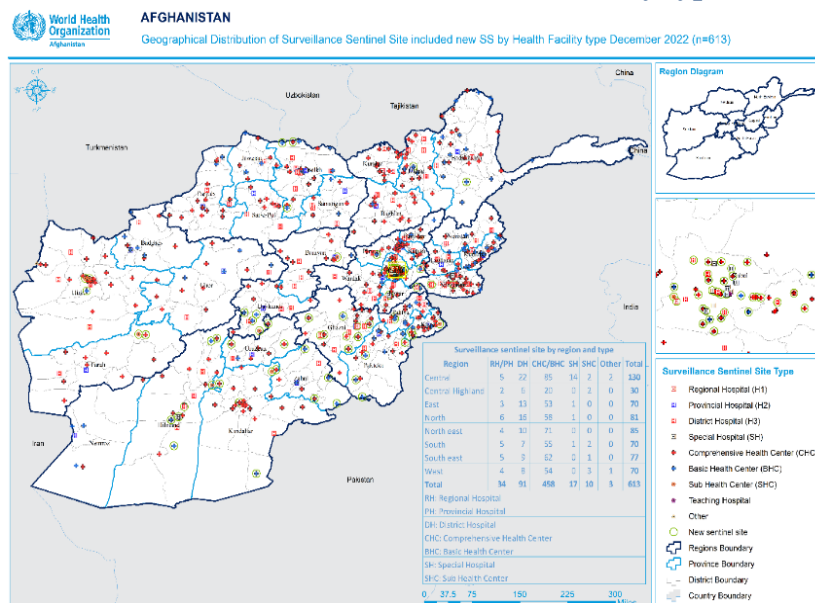


Table 1: Coverage of NDSR Surveillance System

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

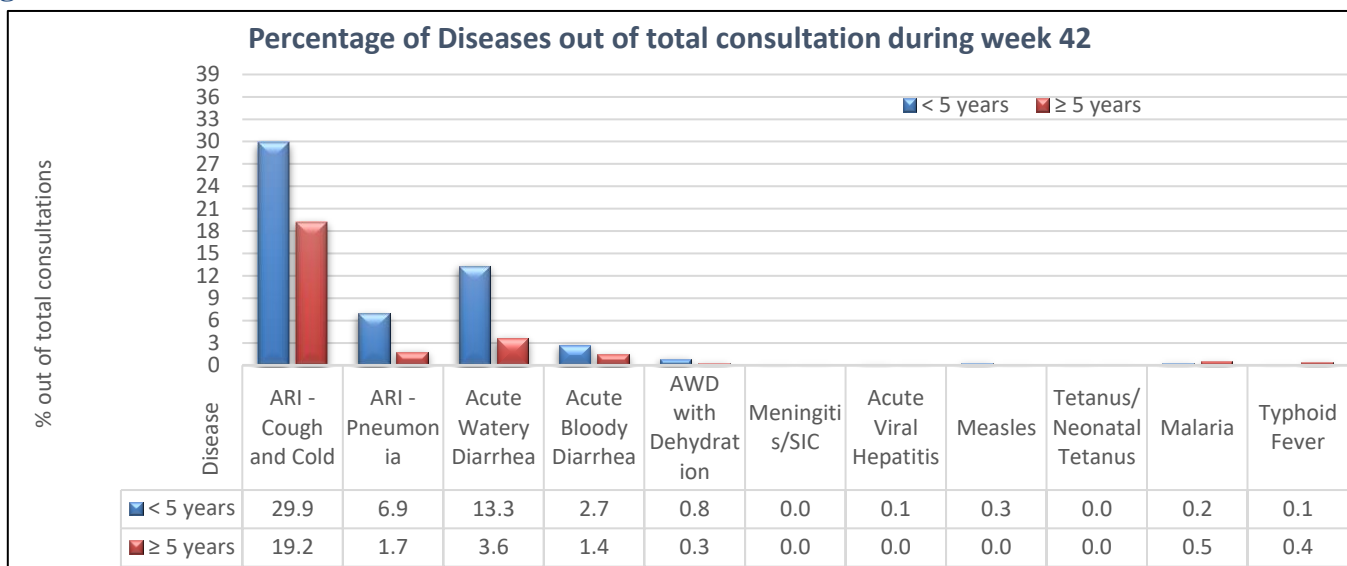
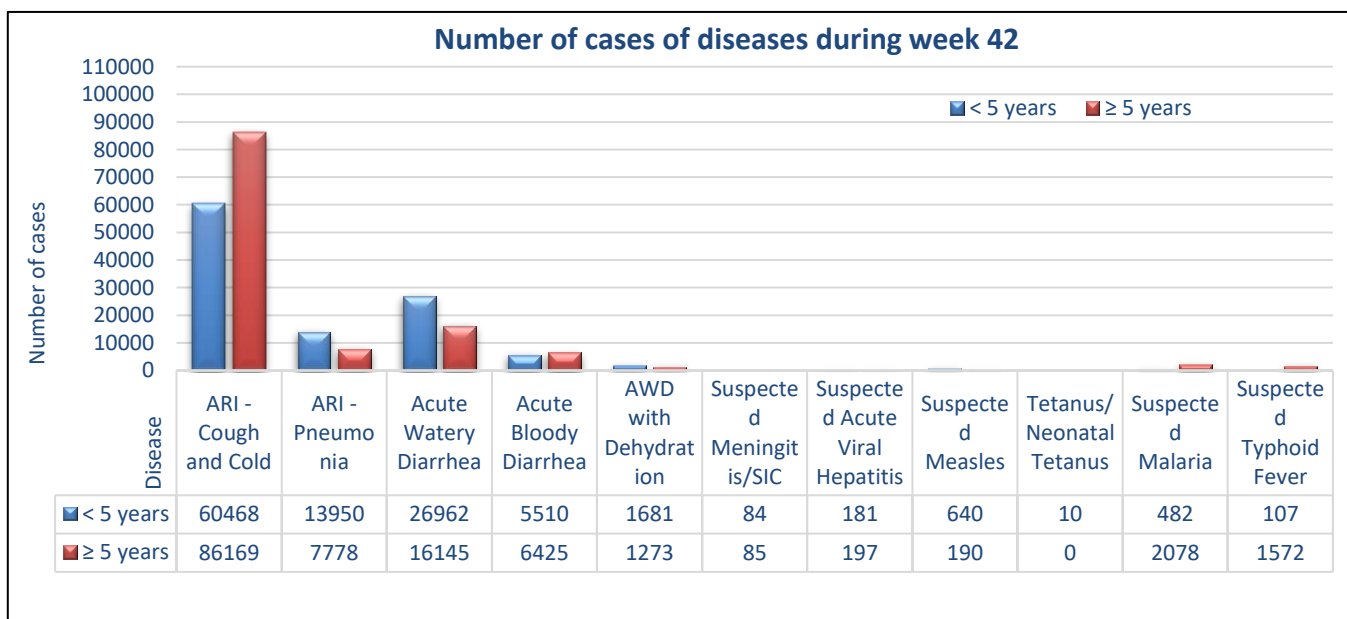


Figure 2: B



Seasonal Diseases:
Figure 3: A

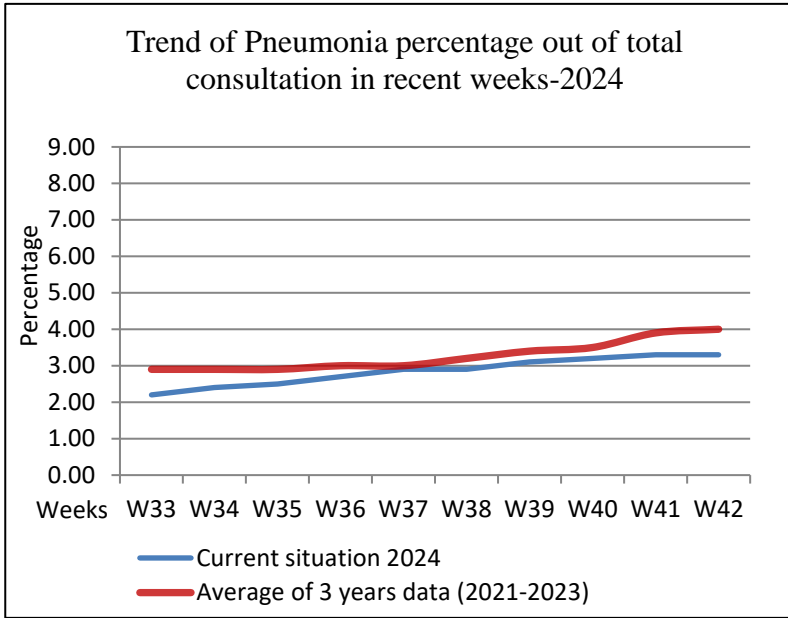


Figure 3: B

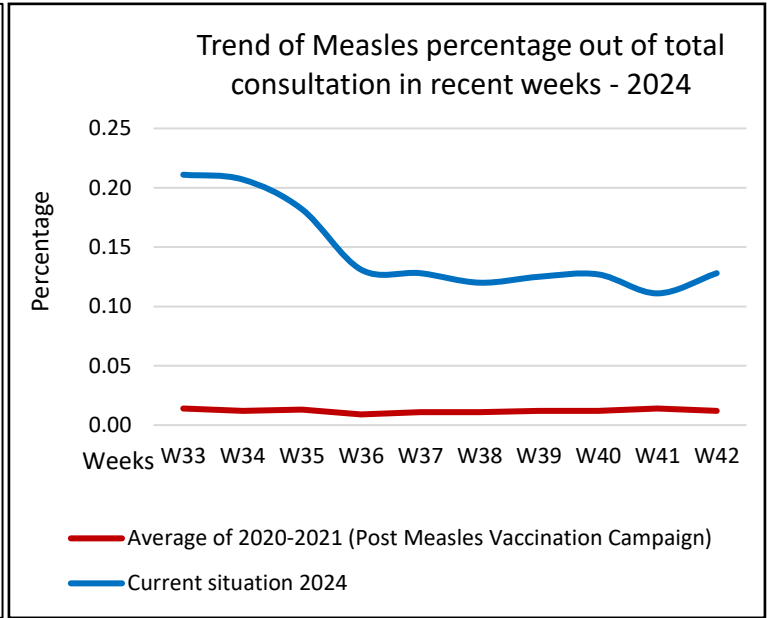


Figure 3: C

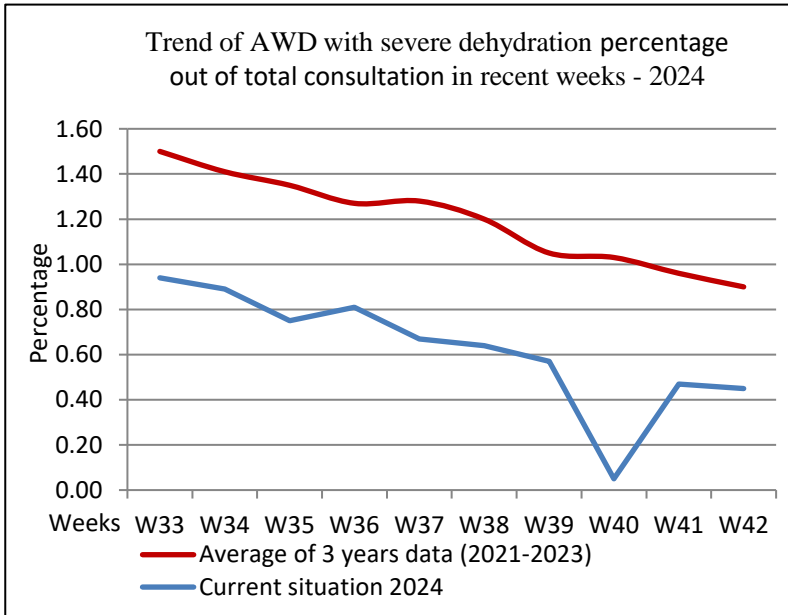


Figure 3: D

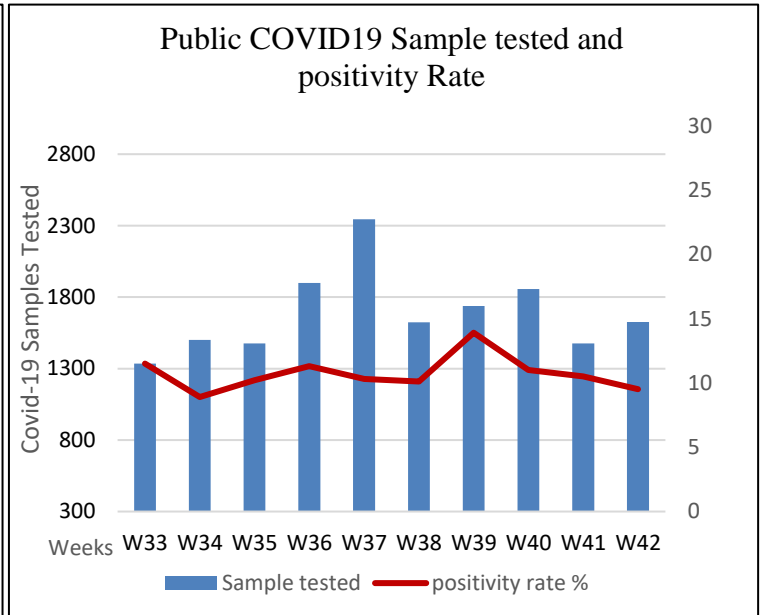


Table 3: Outbreaks in Week 42nd 2024:

AFGHANISTAN INFECTIOUS DISEASE OUTBREAKS REPORT Epidemiological week #42-2024								
Event / Diseases Name	Reported date	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage, If VPD	
							Related HF reported coverage	Field Estimated Coverage
AWD with Dehydration	11/10/24	Laghman	Alingar	Kondagal, Noorlam Sahib	115	0	NA	NA
	15/10/24	Nangarhar	Behsood	Khush Kunbad	1	0	NA	NA
	16/10/24		Jalalabad	Zera 7th Zone	1	0	NA	NA
	16/10/24		2nd Zone Jalalabad	Talvesion Tapa	2	0	NA	NA
	16/10/24		5th Zone Jalalabad	Joehaft	1	0	NA	NA
	15/10/24		Mahmandara	Gardighaus	1	0	NA	NA
	13/10/24		Rodat	Katraghi	1	0	NA	NA
Suspected Measles	19/10/24	Helmand	Garamsir	Darwish Mula Wali Jan	10	0	85%	10%
	12/10/24	Kabul	Mirbacha Kot	Dako Payeen	7	0	60%	45%
	13/10/24	Paktia	Chamkani	Sultanjy	11	0	80%	0%
	15/10/24	Urozgan	Tarin-Kot	Mihar-Abad	14	0	70%	21%
	18/10/24		Chinarto	Chaka-Joy	11	0	0%	6%
Clinical Scabies	13/10/24	Kabul	2	Imam Bukhari Religious School - Baharistan	30	0	NA	NA
	16/10/24	Kapisa	Kohistan-2 And Center	Shahbaz Khel, Elyas Khel and Morad	26	0	NA	NA
	13/10/24	Kunar	Watapoor	Jamia Al Faroqia Jhadi Madrasa	24	0	NA	NA
	14/10/24	Nuristan	Noorgeram	Noorgeram Jihadi Madrasa	235	0	NA	NA
	15/10/24	Zabul	Qalat	Oropahnge	69	0	NA	NA
	16/10/24	Balkh	Chimtal	Sarasyab	16	0	NA	NA

Dog Bite/ Suspected Rabies	14/10/24	Kapisa	Tagab	Ghani Khail	9	0	NA	NA
Viral Hepatitis	16/10/24	Herat	Robat Sangi	Ayubi	7	0	NA	NA
	14/10/24	Kapisa	Kohistan-2	Jamal Agha	9	0	NA	NA
Food Poisoning	13/10/24	Parwan	Charikar	Dehemollah Yosuf	8	0	NA	NA
Confirmed Malaria	11/10/24	Zabul	Shamulzai	Shamulzai	107	0	NA	NA
Chickenpox	16/10/24	Logar	Puli Alam	Takhti Shah	9	0	NA	NA
Anthrax	14/10/2024	Takhar	Baharak	Kharoty	1	0	NA	NA

Figure 4: AWD with Dehydration, Suspected Measles, Clinical Scabies, Dog bite/suspected Rabies, Viral Hepatitis Food Poisoning, Confirmed Malaria, Clinical Chickenpox, Anthrax, COVID-19 cases, and deaths during the week 42nd 2024.

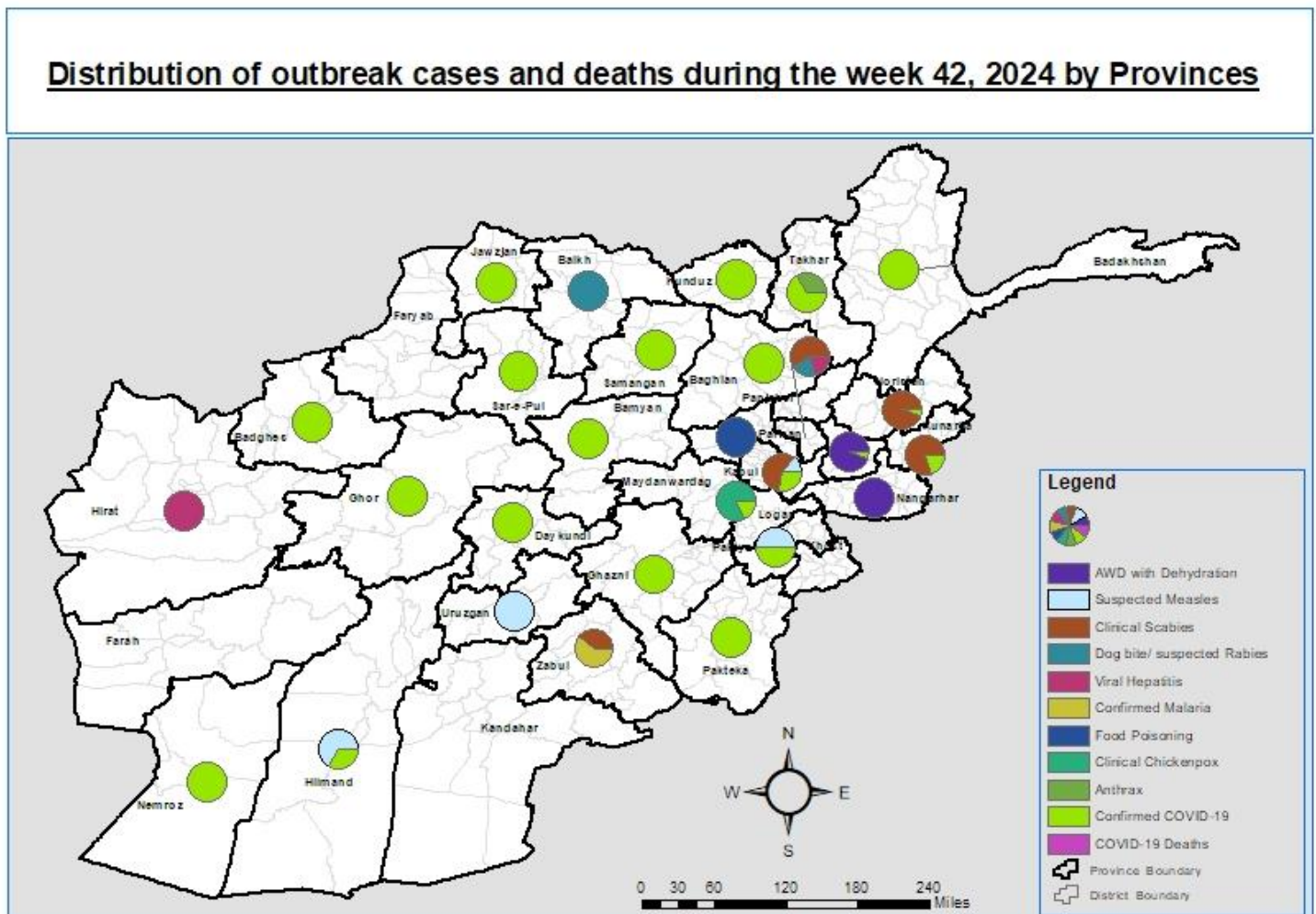


Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 19 Oct 2024)

Disease/Event	Disease/Event	Lab-Confirm	Total Cases	Total Deaths
Scabies	395	0	15690	0
Measles	386	190	4464	34
Suspected Chickenpox	222	61	3706	0
Dog bites/Suspected Rabies	83	0	638	3
Pertussis	10	4	175	0
Mumps	17	0	245	0
Impetigo	15	0	341	0
Leishmaniasis	5	3	616	0
Pink Eye	4	0	39	0
ARI/Pneumonia	8	0	499	10
Food Poisoning	19	0	257	0
Dengue Fever	7	5	218	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	8	0	11	0
Acute Watery Diarrhea	2	0	238	0
Acute Watery Diarrhea + Dehydration	43	38	514	4
Confirmed Malaria	26	26	2628	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	3	2	62	0
Grand Total	1291	352	30909	70

Laboratory surveillance:

A total of **3600** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **08** specimens were confirmed for Acute Viral Hepatitis, **61** specimens were confirmed for Measles and **77** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 42nd 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, 907 (13,9%) Severe Acute Respiratory Infections cases were reported, and 541 (59,6%) were under 5 years old. The proportion of SARI cases increased compared to weeks 41–2024.28 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 (42%), Kabul (36%) and Badakhshan (36%). 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, **1625** specimens were tested for the suspected COVID-19. Out of which **155** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 9.5% this week, which decreased 1.0% compared to the previous week.
- Out of **155 confirmed** cases, **234** contacts out of **57** 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 **7,770** 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 0.5% compared to the previous week.
- Diarrheal diseases cases are on the decreasing trend 0.4% compared to the previous week.
- Pneumonia cases are on the same trend 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 **883 (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.