

Summary:

- Out of 613 functional Surveillance sentinel sites, 610 (99.5%) have submitted reports this week.
- A total of 626,254 new consultations, of which 231,734 (37%) were due to Surveillance targeted diseases. That included 122,667 (52.9%) males and 109,067 (47.1%) females. Also, 108,714 (46.9%) people under five years old and 123,020 (53.1%) five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (157,346 = 25.1% cases out of total new consultations), Acute Diarrheal Diseases (38,060 = 6.1% cases out of total new consultations), and Pneumonia (30,749= 4.9% cases out of total new consultations).
- A total of 332 deaths were reported this week, of which 93 (28%) deaths were due to surveillance-targeted diseases, which include 70 ARI Pneumonia deaths, 11 Suspected Meningitis deaths, 09 suspected Measles deaths, 01 Acute watery Diarrhea with Dehydration death and 02 Acute Viral Hepatitis deaths.
- In addition, during this week, 41 outbreaks were reported: 13 Clinical Scabies outbreaks were reported from Badakhshan, Balkh, Bamyan, Herat, Kapisa, Khost, Laghman, Logar, Nangarhar, Paktia, Panjshir, Parwan and Takhar provinces, 12 suspected Measles outbreaks were reported from Ghazni, Helmand, Kabul, Kapisa, Kunar, Kunduz, Logar, Nuristan and Urozgan provinces, 07 clinical Chickenpox outbreaks were reported from Ghor, Herat, Kunduz, Paktia, Parwan, Takhar and Wardak provinces, 03 Dog bite/suspected Rabies outbreaks were reported from Ghazni, Helmand and Kandahar provinces, 03 ARI/Pneumonia outbreaks were reported from Badakhshan and Kapisa provinces, 01 Clinical Mumps outbreak was reported from Ghazni province, 01 suspected Pertussis outbreak was reported from Urozgan provinces and 01 Food Poisoning outbreak was reported from Kunar Province.

Moreover, 332 COVID-19 confirmed cases and 1435 suspected Measles cases (IBS) were reported at the national level.

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

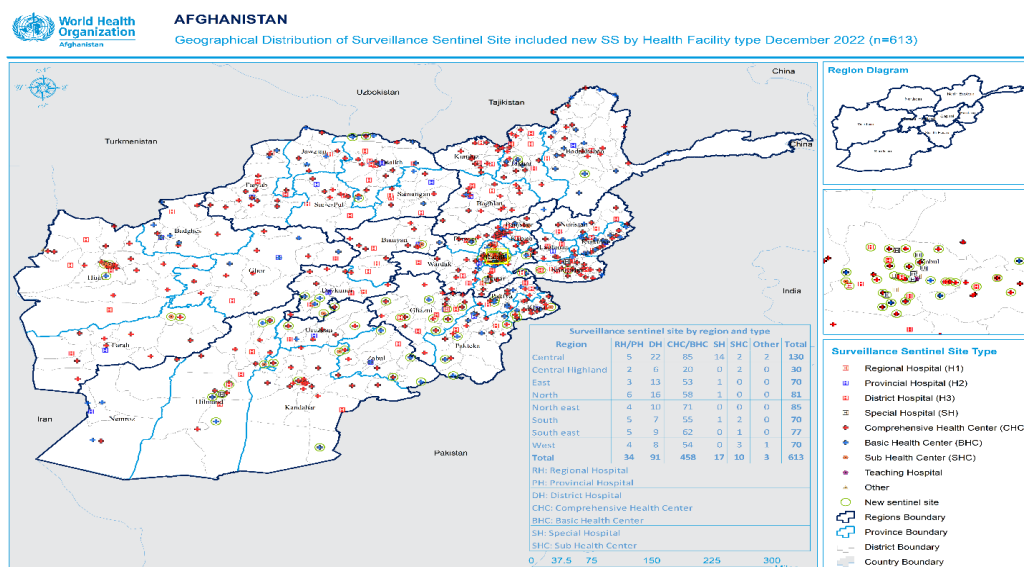


Table 1: Coverage of NDSR Surveillance System

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

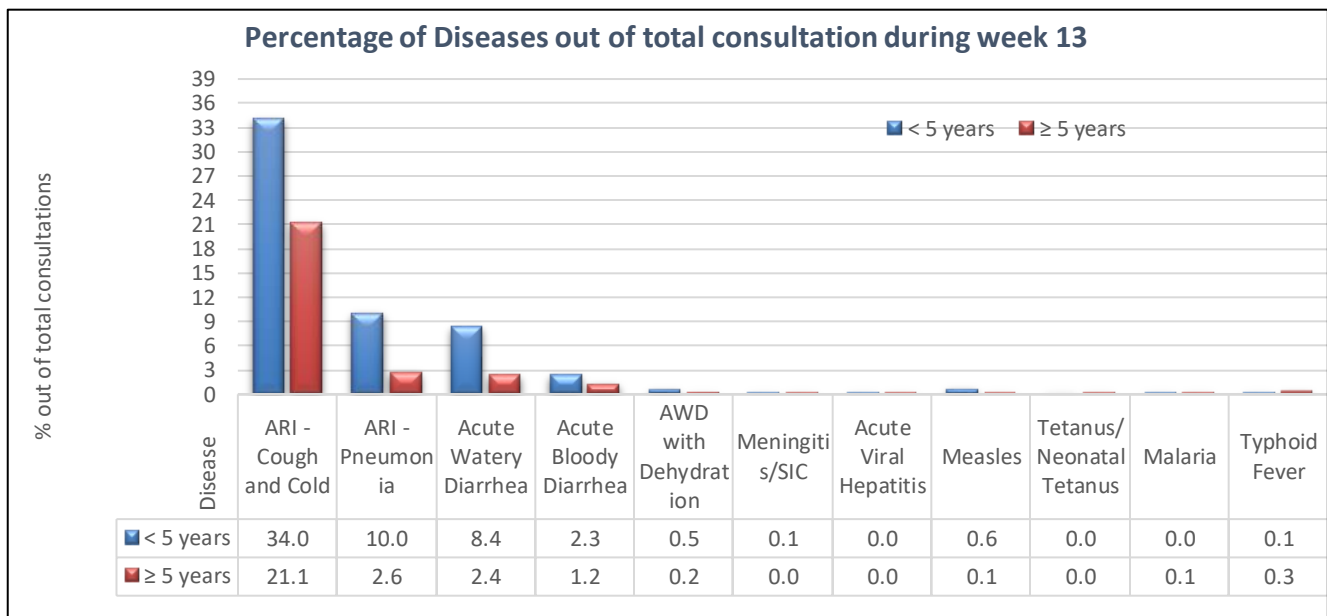
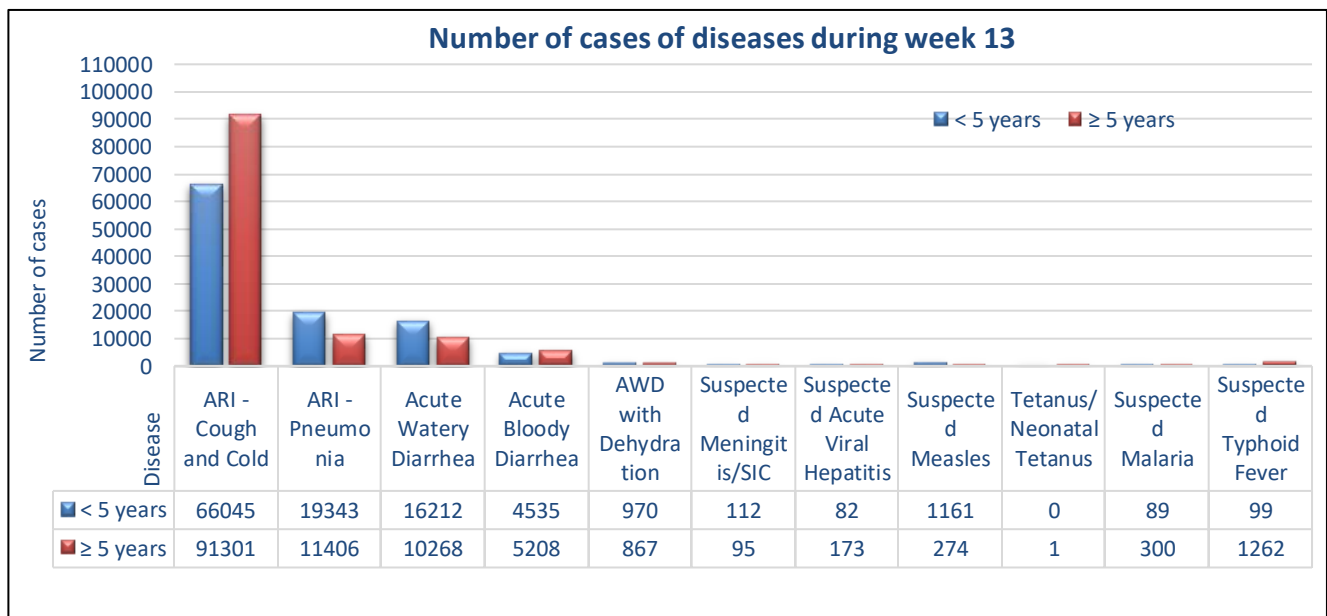


Figure 2: B



Seasonal Diseases:

Figure 3: A

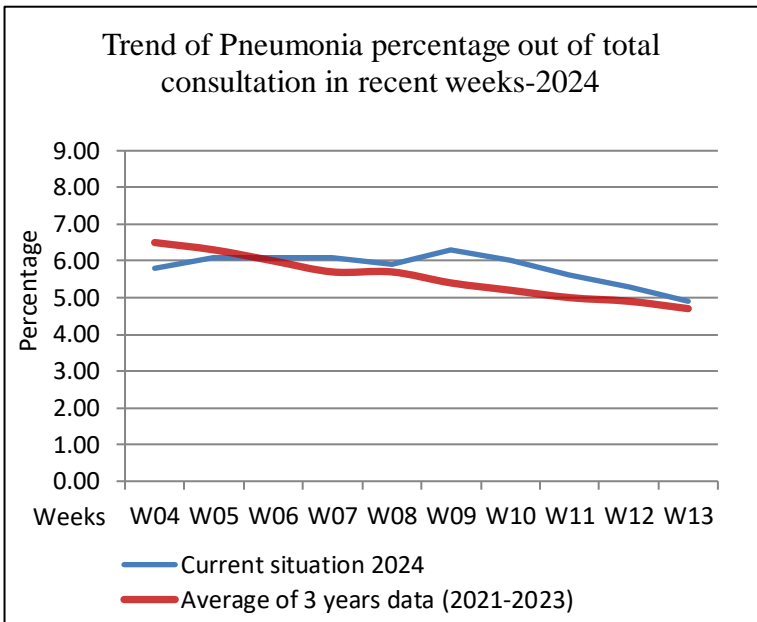


Figure 3: B

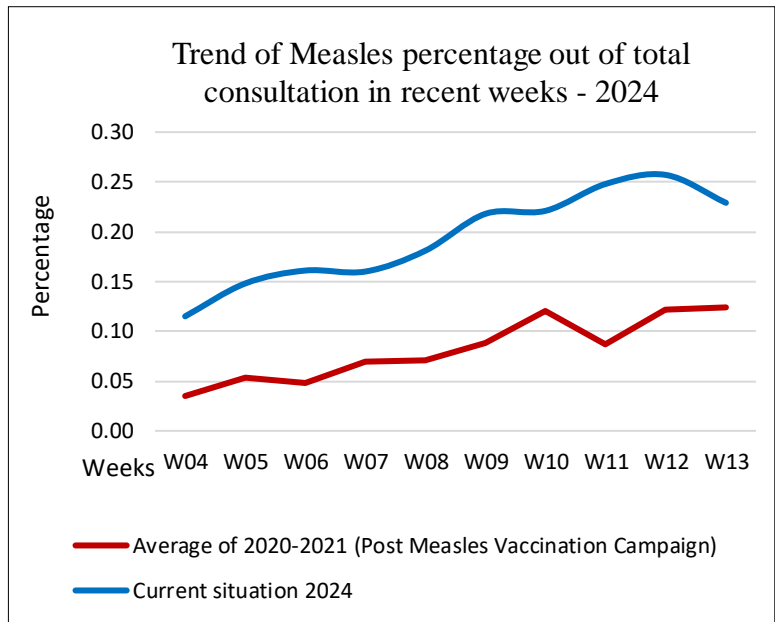


Figure 3: C

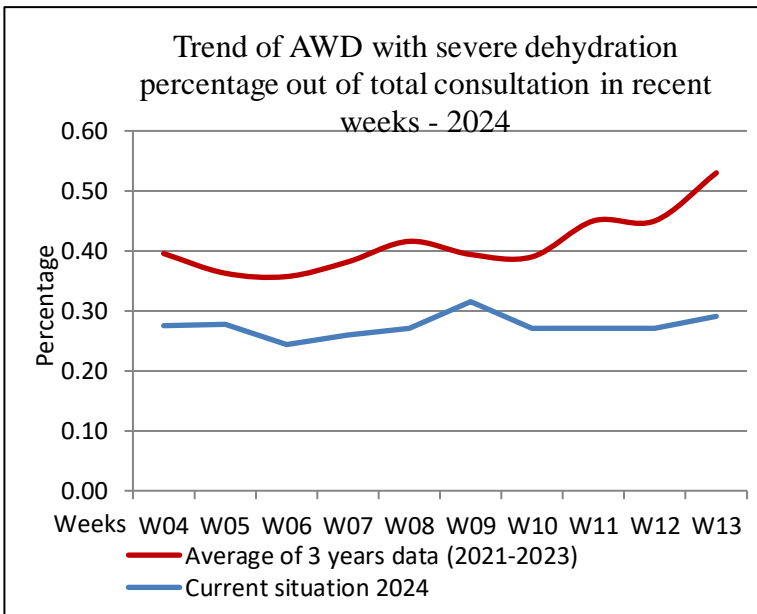


Figure 3: D

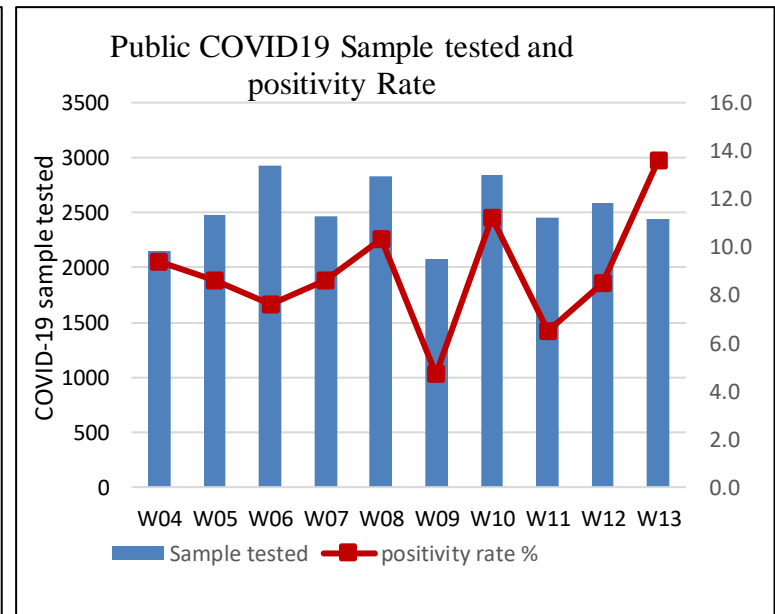


Table 3: Outbreaks in Week 13th 2024:

AFGHANISTAN INFECTIOUS DISEASE OUTBREAKS REPORT Epidemiological week # 13-2024								
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	25/03/24	Badakhshan	Fayzabad	Raghiha	103	0	NA	NA
	26/3/24	Balkh	Chimtal	Mir Qaseem Jan	27	0	NA	NA
	26/3/24	Bamyan	Center	Zargaran	16	0	NA	NA
	26/03/24	Herat	Zenda Jan	Seyed Abad	21	0	NA	NA
	24/3/24	Kapisa	Center	Ahngari	10	0	NA	NA
	26/3/24	Khost	Ismail Khel Mandozai	Charagah	33	0	NA	NA
	28/3/2024	Laghman	Qarghaee	Kakas	35	0	NA	NA
	27/3/24	Logar	Puli Alam	Honi Sufla And Omarabad	25	0	NA	NA
	24/3/24	Nangarhar	Batikot	Lalma	69	0	NA	NA
	28/3/24	Paktia	Sayed Karam	Kunder Khil	11	0	NA	N/A
	23/3/24	Panjshir	Paryan	Aqub	9	0	NA	NA
	23/3/24	Parwan	Bagram	Qalla-E-Nasru	24	0	NA	NA
	25/3/24	Takhar	Taloqan	6th Street of Shahidi	14	0	NA	NA
Suspected Measles	24/3/24	Ghazni	Andar	Lashko	15	0	100%	0%
	25/3/24	Helmand	Nadali	Mir- Hamza	13	0	65%	15%
	27/3/24	Helmand	Nahri-Saraj	Adam Khan Sarak	10	0	85%	28%
	23/3/24	Kabul	7	Deh Murad Khan	5	0	114%	85%
	28/3/24	Kapisa	Kohistan-2	Qazaq	5	1	80%	70%
	28/3/24	Kapisa	Kohband	Shawakh	6	0	80%	60%
	27/3/24	Kunar	Sawkay	Amri Village of Dewagal	17	1	90%	85%
	25/3/24	Kunduz	Kunduz	Kanam	9	0	82%	45%
	23/3/24	Logar	Charkh	Nawabad Dabar	10	1	80%	40%

	29/3/24	Logar	Baraki Barak	Cheltan	7	0	80%	45%
	23/3/24	Nuristan	Waygal	Sarigal	10	0	0%	15%
	27/3/24	Urozgan	Chora	Kotal	13	0	47%	38%
Clinical Chickenpox	26/03/24	Ghor	Dawlat Yaar	Garay	13	0	NA	NA
	30/3/24	Herat	Injil	Maslakh	39	0	NA	NA
	28/3/24	Kunduz	Chahardara	Khojakaftar	6	0	NA	NA
	26/3/24	Paktia	Sayed Karam	Khan Khil	8	0	NA	NA
	23/3/24	Parwan	Bagram	Qalla-E-Nasru	15	0	NA	NA
	26/3/24	Takhar	Taloqan	Joushikh	11	0	NA	NA
	26/3/24	Wardak	Said Abad	Salar	14	0	NA	NA
Dog Bites/ Suspected Rabies	28/3/24	Ghazni	Deyak	Tasan	8	0	NA	NA
	30/3/24	Helmand	Nahri-Saraj	Khoshkaba	15	0	NA	NA
	25/3/24	Kandahar	Maiwand	Shagasi	5	0	NA	NA
ARI/ Pneumonia	25/3/24	Badakhshan	Yamgan	Farghamo	28	5	NA	NA
	26/3/24	Kapisa	Alasay	Alasay District	43	0	NA	NA
	23/3/24	Kapisa	Tagab	Tegab District	91	0	NA	NA
Food Poisoning	26/3/24	Kunar	Asadabad Center	Nawabad Manz Kaly	20	0	NA	NA
Mumps	25/3/24	Ghazni	Deyak	Alozai	7	0	NA	NA
Pertussis	27/3/24	Urozgan	Chinarto	Zirgao	33	0	47%	12%

Figure 4: Clinical Scabies, Suspected Measles, Clinical Chickenpox, Dog bite/suspected Rabies, ARI/Pneumonia, Food Poisoning, Clinical Mumps, suspected Pertussis, COVID-19 Cases, and deaths during the week 13th 2024.

Distribution of outbreak cases and deaths during the week 13, 2024 by Provinces

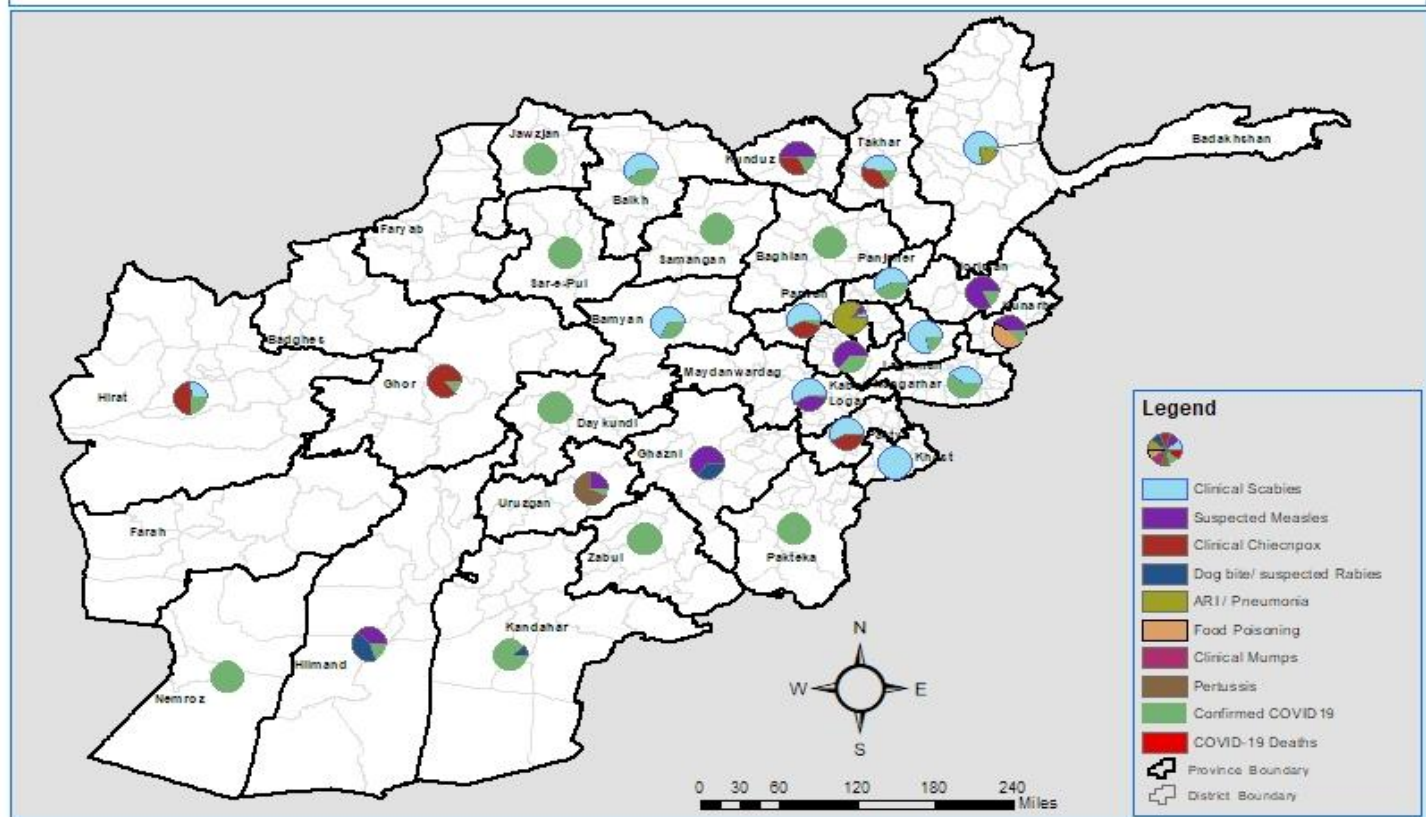


Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 30 March 2024)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Scabies	159	0	5276	0
Measles	136	53	1630	22
Suspected Chickenpox	130	1	2204	0
Dog bites/Suspected Rabies	30	0	233	0
Pertussis	3	0	49	0
Mumps	14	0	406	0
Impetigo	2	0	79	0
Leishmaniasis	2	1	55	0
Pink Eye	3	0	29	0
ARI/Pneumonia	6	0	250	10
Food Poisoning	5	0	52	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	495	58	10369	32

Laboratory surveillance:

A total of **4612** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **10** specimens were confirmed for Acute Viral Hepatitis, **249** specimens were confirmed for Measles, and **04** specimens was confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 13th 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, 817 (17.8%) Severe Acute Respiratory Infections cases were reported and 62% were under 5 years old. The proportion of SARI cases was decreased compared to week 12th 2024. 30 SARI-associated deaths were reported this week. At the 10 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kapisa (47.7%), Badakhshan (45.0%), and Kabul (44.0%) provinces. During this Epi-week, our field staff shipped 57 SARI and 38 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **2440** specimens were tested for suspected COVID-19. Out of which **332** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 13.6% this week, which increased 5.1% compared to the previous week.
- Out of **332 confirmed** cases, **858** contacts out of **212** 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 **37,503** 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 (1.2%) compared to the previous week.
- Pneumonia cases are on a decreasing trend (0.4%) compared to the previous week.
- Diarrheal diseases are on the increasing trend (0.4%) 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 **1555 (IBS+EBS)** suspected Measles cases with **12 (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.