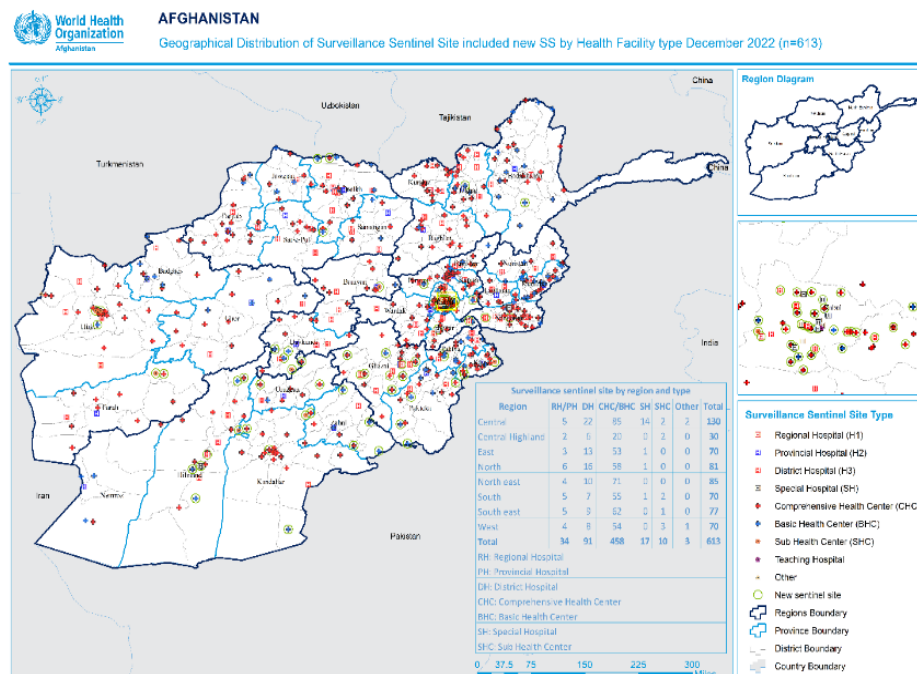


Summary:

- Out of 613 functional surveillance sentinel sites, 608 (99.2%) have submitted reports this week.
- A total of 632,628 new consultations, of which 229,817 (36.3%) were due to Surveillance targeted diseases. That included 121,352 (52.8%) males and 108,465 (47.2%) females. Also, 107,498 (46.8%) people under five years old and 122,319 (53.2%) people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (146,514 = 23.2% cases out of total new consultations), Acute Diarrheal Diseases (53,782 = 8.5% cases out of total new consultations), and Pneumonia (22,534= 3.6% cases out of total new consultations).
- A total of 346 deaths were reported this week, of which 53 (15.3%) deaths were due to surveillance-targeted diseases, which include 35 ARI Pneumonia deaths, 06 Acute Watery Diarrhea with Dehydration deaths, 06 Acute Viral Hepatitis deaths, 03 suspected Measles deaths, 01 Neonatal Tetanus death, 01 Suspected Meningitis death and 01 COVID-19 death.
- In addition, during this week, 21 outbreaks were reported: 08 Clinical Scabies outbreaks were reported from Farah, Ghor, Ghazni, Kabul, Panjshir and Parwan provinces, 05 Dog Bite/ Suspected Rabies outbreaks were reported from Balkh, Helmand, Parwan, Paktia and Paktika provinces, 03 Clinical Chickenpox outbreaks were reported from Farah, Herat and Kunduz provinces, 02 Confirmed Malaria outbreaks were reported from Kandahar province, 02 AWD with Dehydration outbreaks were reported from Dykundi and Nangarhar provinces and 01 Suspected Measles outbreak was reported from Urozgan province.

Moreover, 189 COVID-19 confirmed cases, and 752 suspected Measles cases (IBS) were reported at the national level.

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



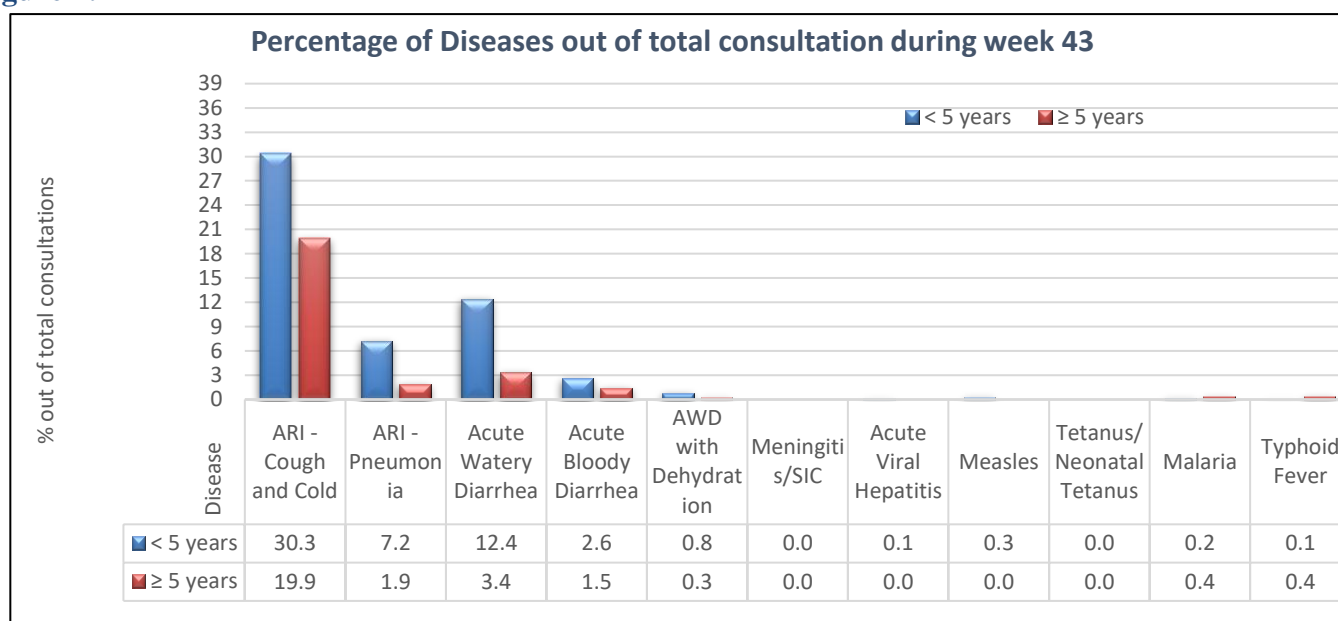
**Table 1: Coverage of NDSR Surveillance System**

Type of Health Facility	RH	PH	DH	CHC	BHC	NH/ Special Hospital	SHC	Other	Total
<b>Total Health Facilities (HF)</b>	8	27	91	437	900	36	1,106	2,093	4,698
<b>HF covered by NDSR-Plus</b>	8	26	90	348	111	17	10	3	613

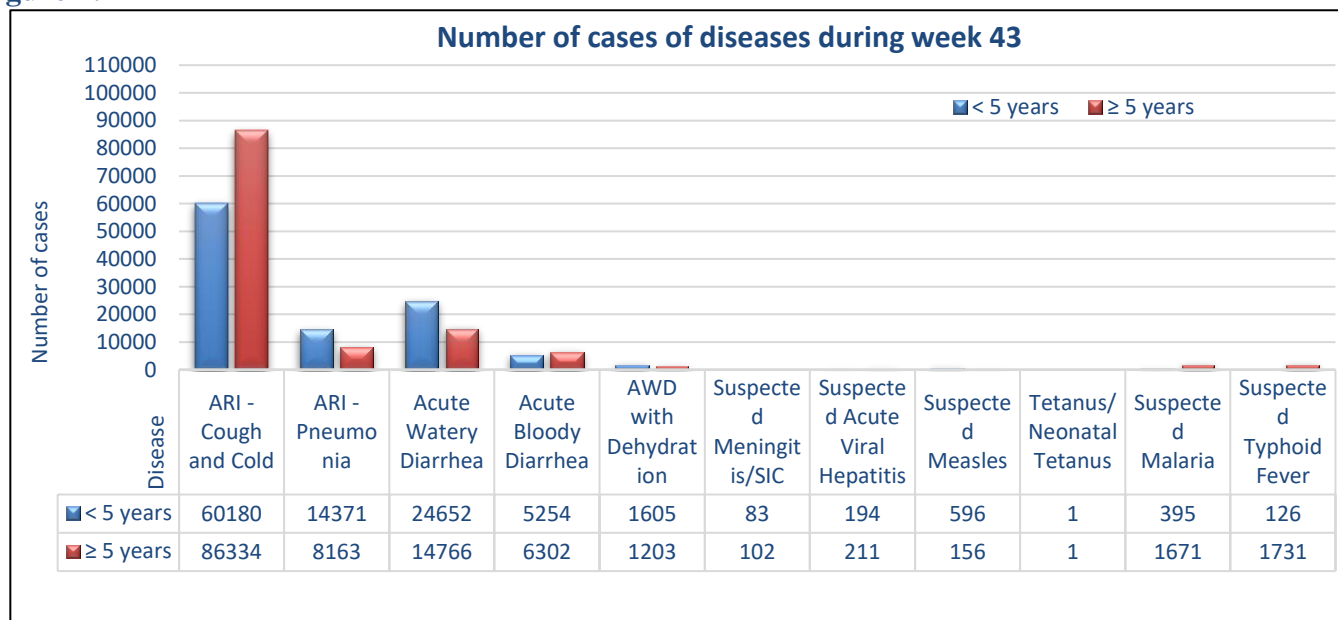
**Indicator - based Surveillance (IBS):**

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**

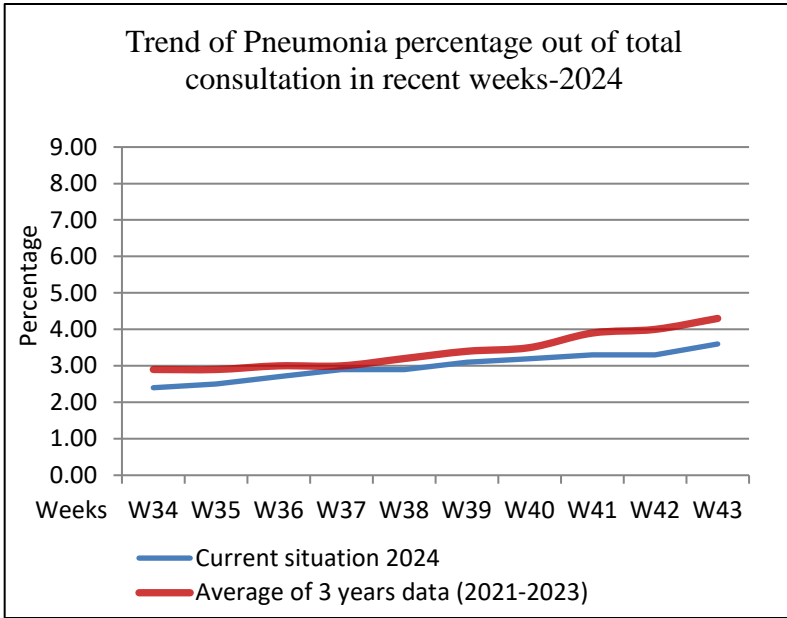


**Figure 2: B**

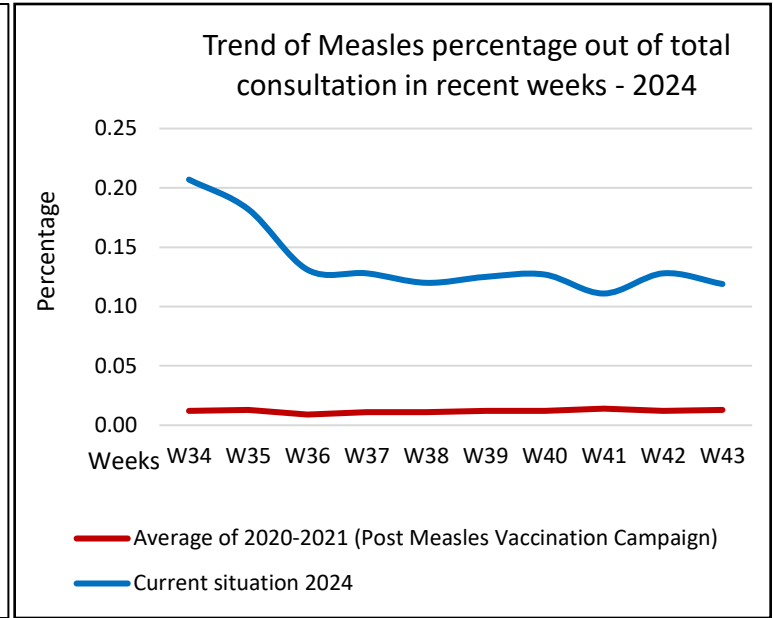


**Seasonal Diseases:**

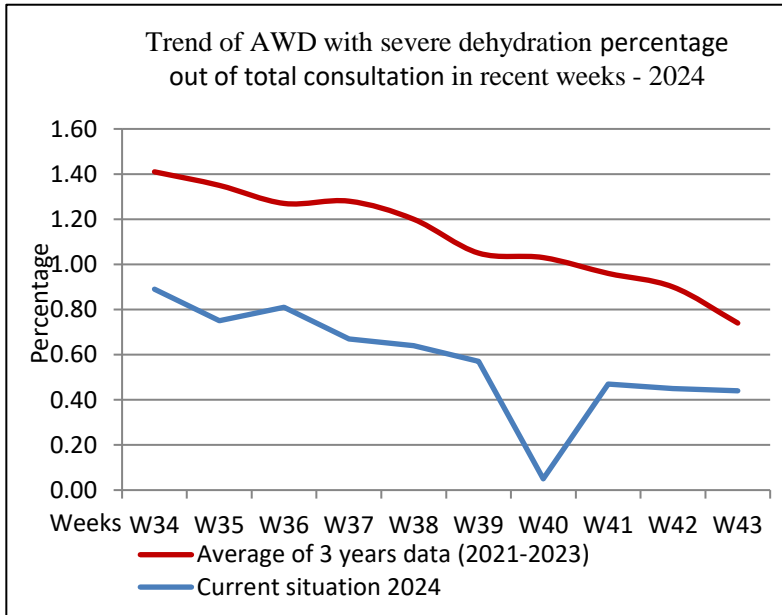
**Figure 3: A**



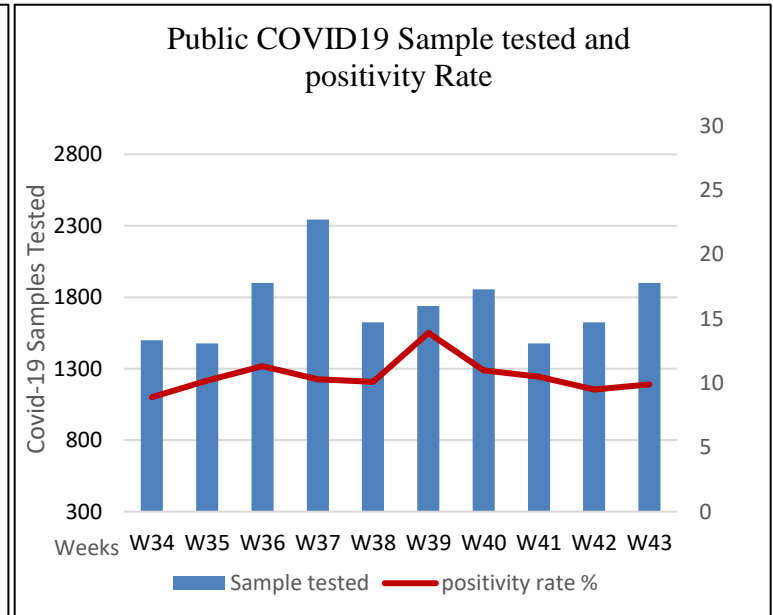
**Figure 3: B**



**Figure 3: C**



**Figure 3: D**

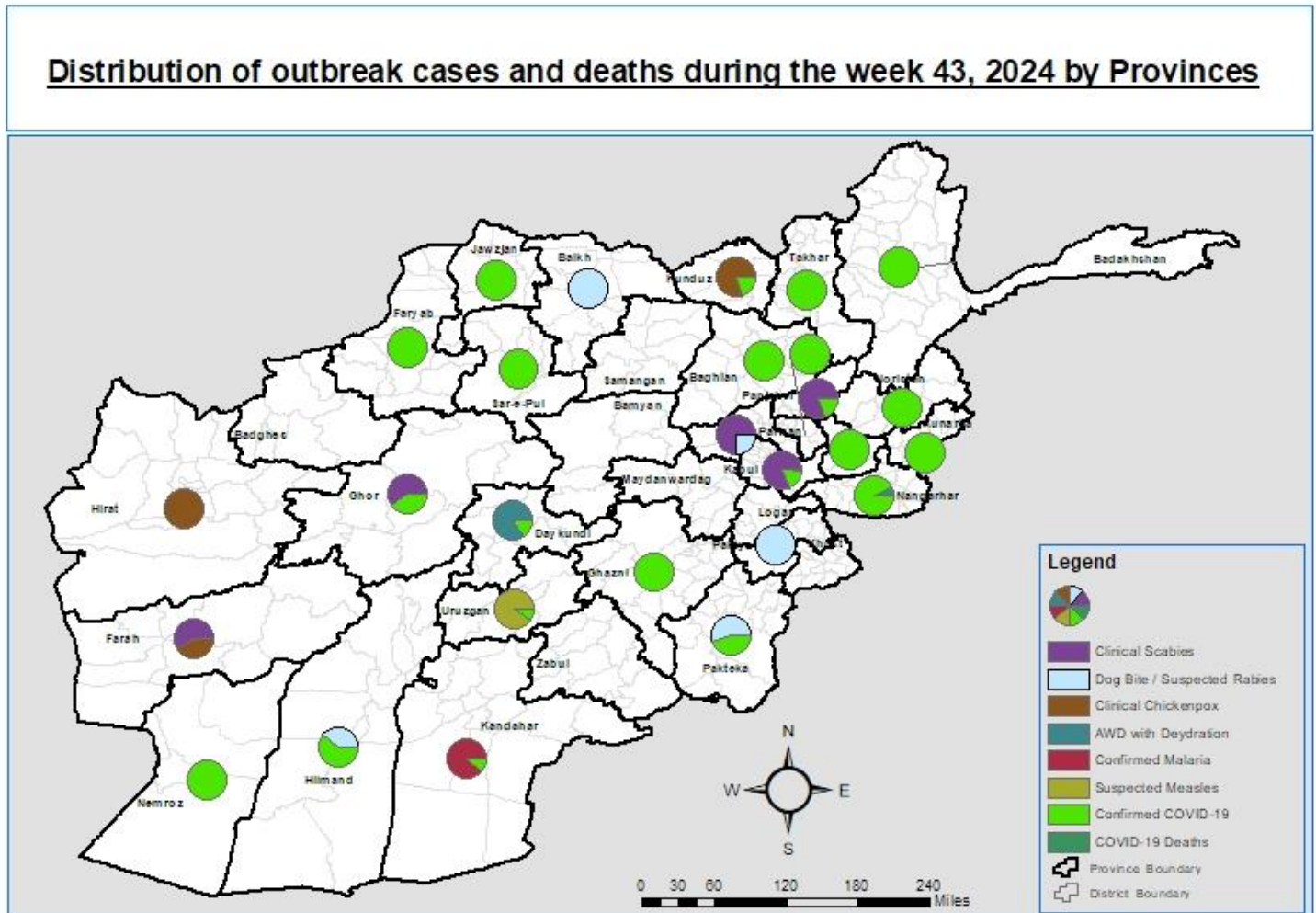


**Table 3: Outbreaks in Week 43<sup>rd</sup> 2024:**

AFGHANISTAN   INFECTIOUS DISEASE OUTBREAKS REPORT   Epidemiological week #43-2024								
Event / Diseases Name	Reported date	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage, If VPD	
							Related HF reported coverage	Field Estimated Coverage
<b>Clinical Scabies</b>	21/10/24	Farah	Farah Center	Addicts Camp	13	0	NA	NA
	22/10/24	Ghor	Firoz Koh	Darai Ghazi	6	0	NA	NA
	20/10/24	Ghazni	Center	Aljihadya Madrasa	35	0	NA	NA
	19/10/23	Kabul	Deh Sabz	Tahseenul Quran Religious School - Nawa	15	0	NA	NA
	22/10/24		Mirbacha Kot	Madrasa Maareful Quran - Dako	27	0	NA	NA
	22/10/24		Paghman	Fazal Elahi Religious School - Bagh Dawood	18	0	NA	NA
	22/10/24	Panjshir	Paryan	Dowabi	13	0	NA	NA
	25/10/24	Parwan	Charikar	Addicts Hospital	9	0	NA	NA
<b>Dog Bite/ Suspected Rabies</b>	19/10/24	Balkh	Nahre Shahi	Sharak	4	0	NA	NA
	22/10/24	Helmand	Nahri-Saraj	Balsano Kali	7	0	NA	NA
	22/10/24	Parwan	Charikar	Parcha-E-13	3	0	NA	NA
	23/10/24	Paktika	Sharan	Kotwal	11	0	NA	NA
	22/10/24	Paktia	Dandapatan	Dandy Shpoly Khuie	8	0	NA	NA
<b>Clinical Chickenpox</b>	24/10/24	Farah	Farah Center	Addicts Camp	9	0	NA	NA
	23/10/24	Herat	Guzara	Khatamull Anbiya	78	0	NA	NA
	20/10/24	Kunduz	Kunduz	Andi Jani	16	0	NA	NA
<b>AWD with Dehydration</b>	22/10/24	Daykundi	Kejran	Saidabad	11	2	NA	NA
	24/10/24	Nangarhar	Jalalabad	6th Zone Najmuljahad	2	0	NA	NA
<b>Confirmed Malaria</b>	17/10/24	Kandahar	Zhari	Hoze-Mada	41	0	NA	NA

	20/10/24		Arghistan	Narghal And Koghi	64	0	NA	NA
<b>Suspected Measles</b>	20/10/24	Urozgan	Dehrawood	Dor Joy	10	0	0%	0%

**Figure 4:** Suspected Measles, Clinical Scabies, Dog bite/suspected Rabies, AWD with Dehydration, Confirmed Malaria, Clinical Chickenpox, COVID-19 cases, and deaths during the week 43<sup>rd</sup> 2024.



**Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 26 Oct 2024)**

Disease/Event	Disease/Event	Lab-Confirm	Total Cases	Total Deaths
Scabies	403	0	15826	0
Measles	387	190	4474	34
Suspected Chickenpox	225	61	3809	0
Dog bites/Suspected Rabies	88	0	671	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	45	39	523	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	3	2	62	0
<b>Grand Total</b>	<b>1312</b>	<b>355</b>	<b>31305</b>	<b>72</b>

**Laboratory surveillance:**

A total of **4028** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **10** specimens were confirmed for Acute Viral Hepatitis, **99** specimens were confirmed for Measles and **63** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

**Influenza Surveillance activities:**

In Epidemiological Week 43-2024, 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, 888 (13,5%) Severe Acute Respiratory Infections cases were reported, and 523 (58,8%) were under 5 years old. The proportion of SARI cases decreased compared to weeks 42–2024. 23 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 (35%), Bamyan (32%), and Kapisa (31%). 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, **1901** specimens were tested for the suspected COVID-19. Out of which **189** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 9.9% this week, which increased 0.4% compared to the previous week.
- Out of **189 confirmed** cases, **272** contacts out of **55** 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 **17,229** 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 0.7% 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 increasing trend 0.3% 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 **762 (IBS+EBS)** suspected Measles cases with **03 (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.