

Summary:

- Out of 613 functional surveillance sentinel sites, 605 (98.7%) have submitted reports this week.
- A total of 695,697 new consultations, of which 270,549 (38.9%) were due to Surveillance targeted diseases. That included 142,001 (52.5%) males and 128,548 (47.5%) females. Also, 118,091 (43.6%) people under five years old and 152,458 (56.4%) people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (191,642 = 27.5% cases out of total new consultations), Acute Diarrheal Diseases (35,179 = 5.1% cases out of total new consultations), and Pneumonia (38,037= 5.5% cases out of total new consultations).
- A total of 476 deaths were reported this week, of which 99 (21%) deaths were due to surveillance-targeted diseases, which include 72 ARI Pneumonia deaths, 10 suspected Measles deaths, 07 Suspected Meningitis deaths, 07 Acute Viral Hepatitis deaths, 03 COVID-19 deaths.
- In addition, during this week, 30 outbreaks were reported: 10 Clinical Scabies outbreaks were reported from Ghazni, Kabul, Kapisa, Nangarhar, Panjshir, Takhar and Urozgan provinces, 06 Suspected Measles outbreaks were reported from Badakhshan, Baghlan, Ghazni, Helmand, Khost and Nangarhar provinces, 06 Clinical Chickenpox outbreaks were reported from Balkh, Ghor, Kandahar, Takhar and Wardak provinces, 04 Dog bite/ Suspected Rabies outbreaks were reported from Ghazni, Helmand, Kabul and Paktika provinces, 02 Viral Hepatitis outbreaks were reported from Bamyan and Herat provinces, 01 CCHF outbreak was reported from Badakhshan province and 01 Leishmaniasis outbreak was reported form Herat province.
- Moreover, 77 confirmed COVID-19 cases, and 1134 suspected Measles cases (IBS) were reported at the national level.

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

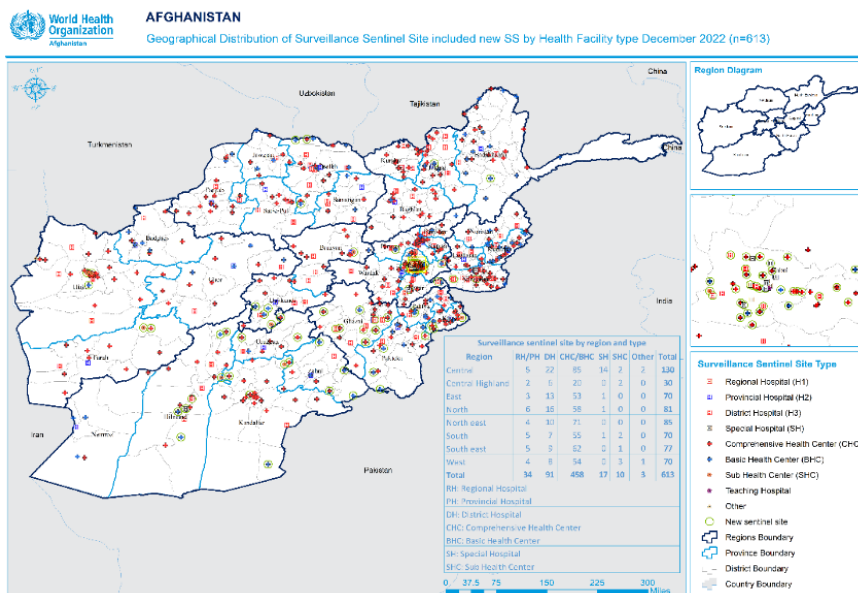


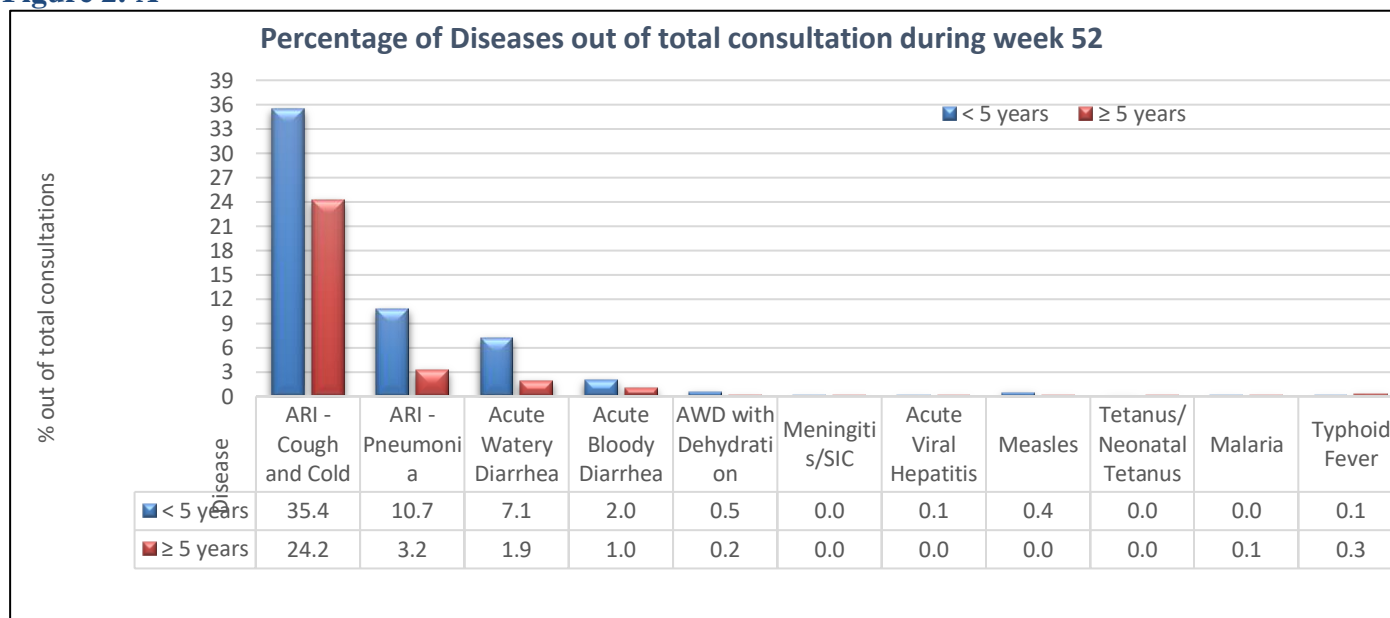
Table 1: Coverage of NDSR Surveillance System

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

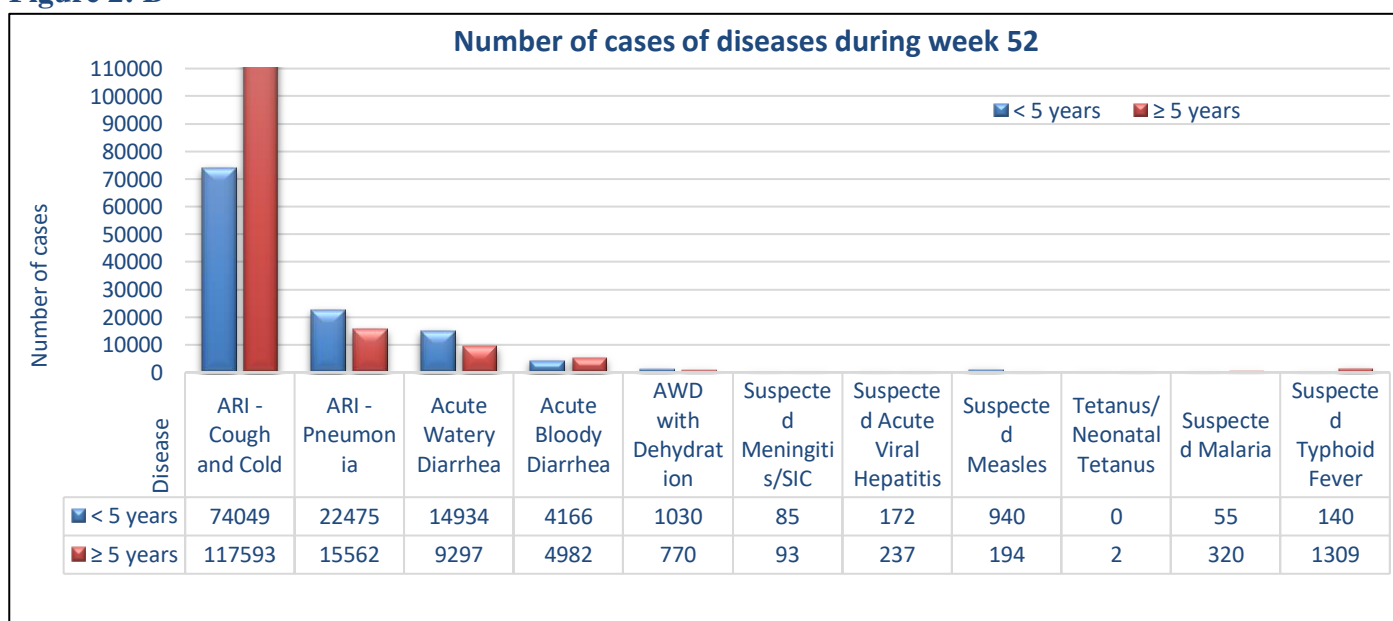
**Indicator - based Surveillance (IBS):**

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**

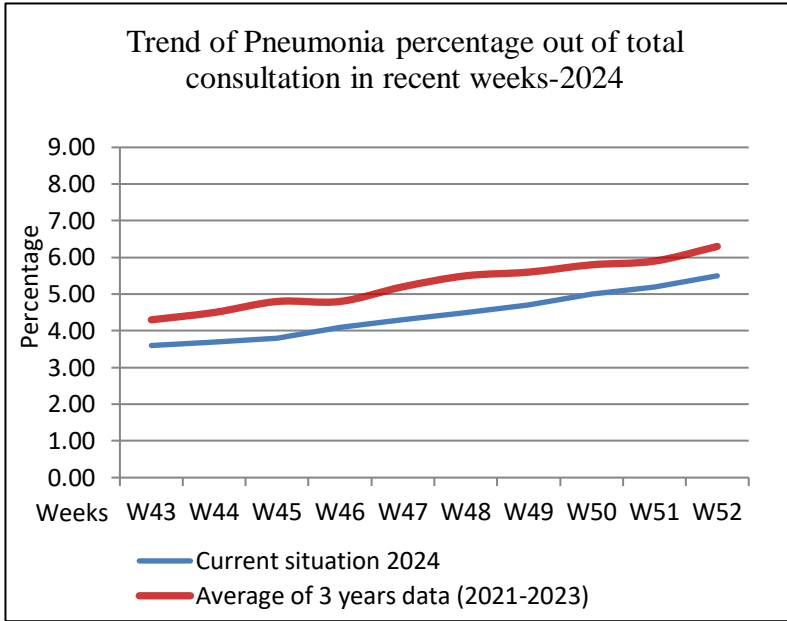


**Figure 2: B**

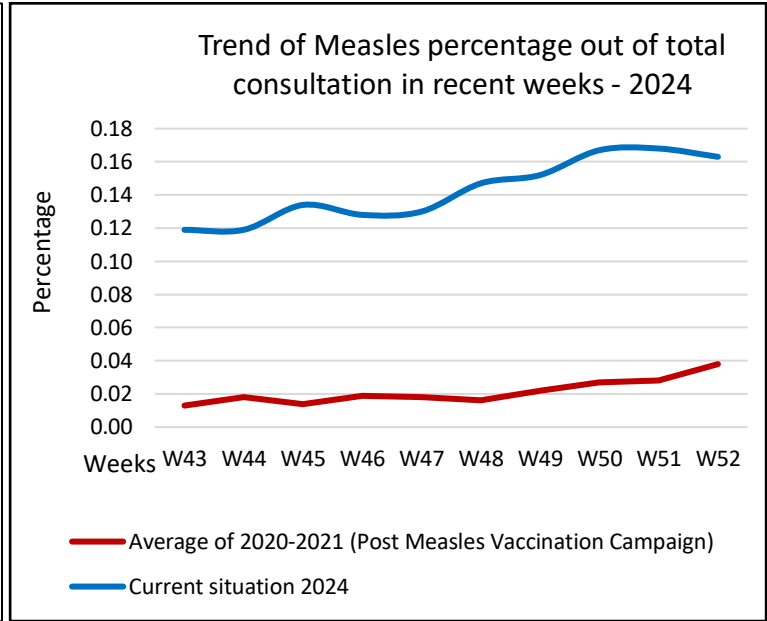


**Seasonal Diseases:**

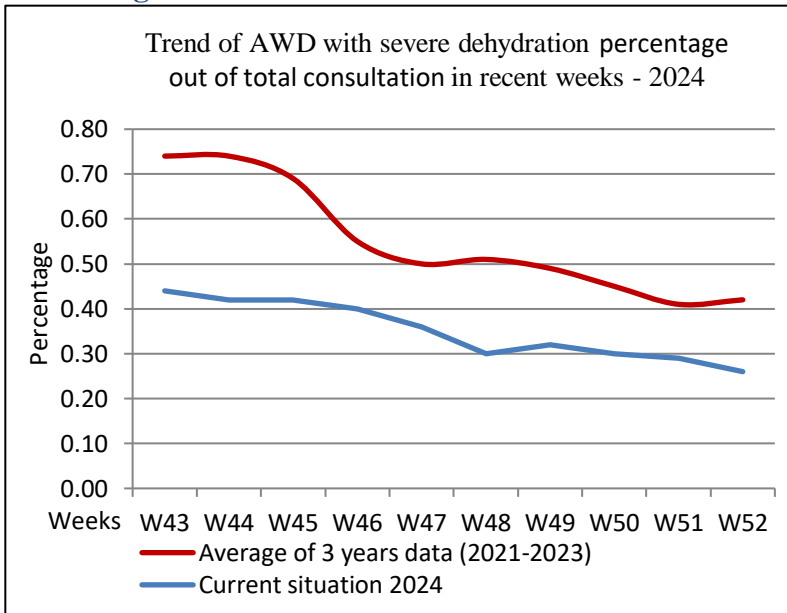
**Figure 3: A**



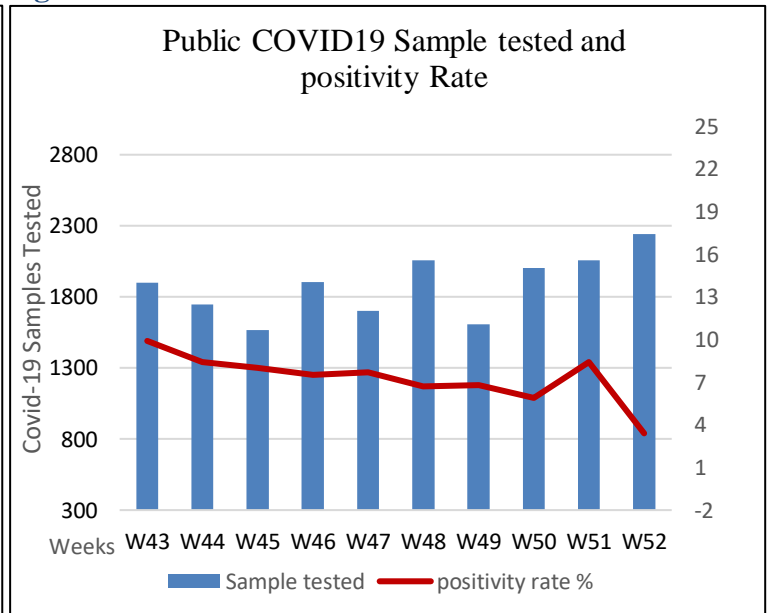
**Figure 3: B**



**Figure 3: C**



**Figure 3: D**

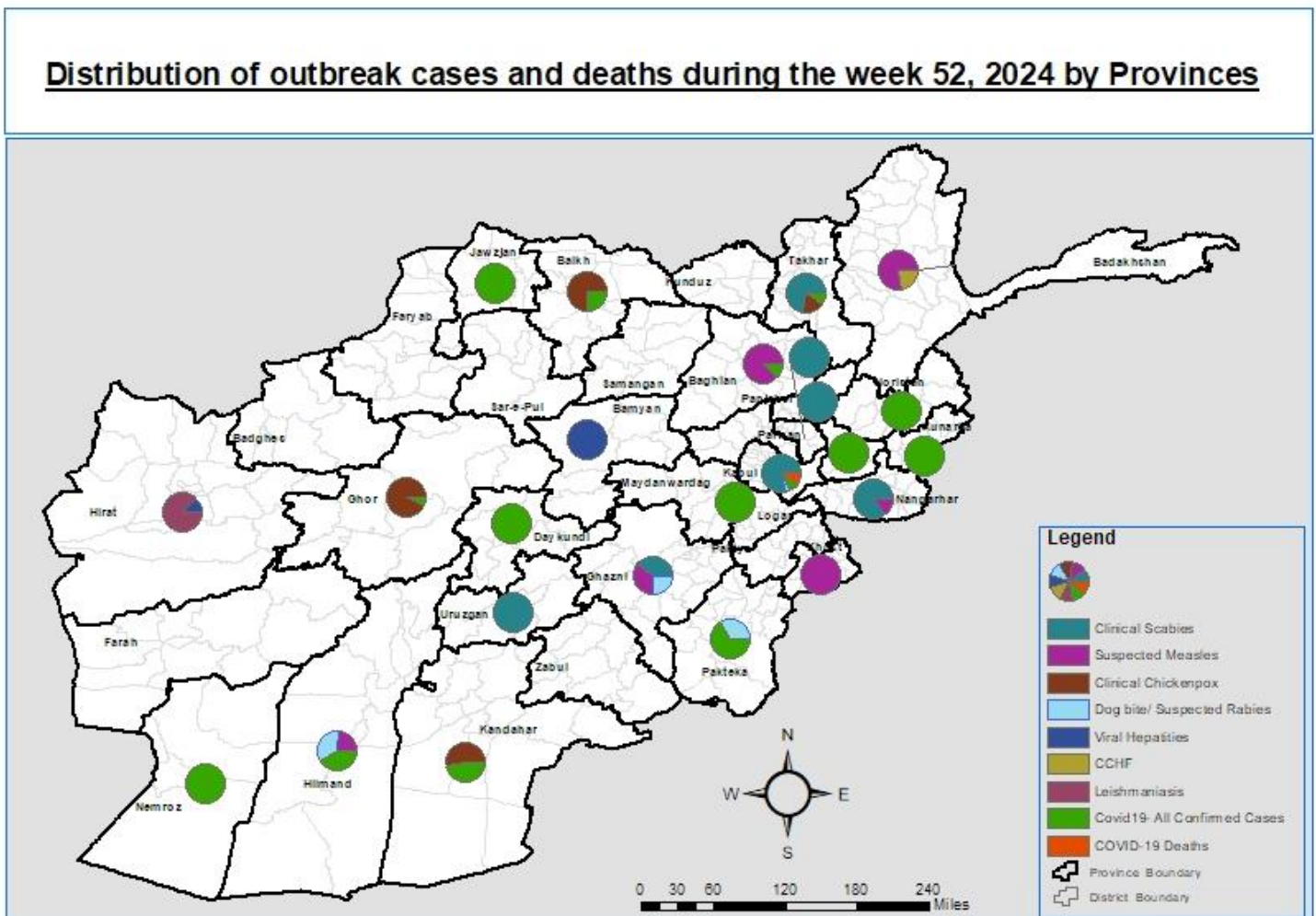


**Table 3: Outbreaks in Week 52<sup>nd</sup> 2024:**

AFGHANISTAN   INFECTIOUS DISEASE OUTBREAKS REPORT   Epidemiological week #52-2024								
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	22/12/24	Ghazni	Khogyani	Fattullah Qala	14	0	NA	NA
	22/12/24	Kabul	Kalakan	Zima	11	0	NA	NA
	24/12/24		Mirbacha Kot	Ghazi Mirbacha Khan Religious School - Qala E Baghalak	11	0	NA	NA
	24/12/24	Kapisa	Center	Zagh Gera	12	0	NA	NA
	28/12/24		Kohistan	Marsa Abdul Abne Manso	15	0	NA	NA
	23/12/24	Nangarhar	Rodat	3rd Block Kabul Camp	66	0	NA	NA
	25/12/24	Panjshir	Center	Parwarshgha Bazarak	11	0	NA	NA
	24/12/24	Takhar	Taloqan	Panjshiri Street of Khaskapa	24	0	NA	NA
	21/12/24	Urozgan	Tarin-Kot	Khabchila	11	0	NA	NA
	24/12/24		Tarin-Kot	Kochai Goder	8	0	NA	NA
Suspected Measles	26/12/24	Badakhshan	Kishum	Plyaran Chashma Mirak	17	2	0%	0%
	24/12/24	Baghlan	Pulikhumeri	Kart-E-Itifaq	7	0	93%	90%
	28/12/24	Ghazni	Center	Noghiee	13	0	80%	0%
	23/12/24	Helmand	Nahri-Saraj	Namaki Bawari	5	0	80%	15%
	22/12/24	Khost	Matoon (Center)	Mekhanic	14	0	60%	35%
	26/12/24	Nangarhar	Sorkhroad	Park Sunati Koz Shikhmesri	11	0	100%	88%
Clinical Chickenpox	22/12/24	Balkh	Deh Daadi	Shahid Balkhi	9	0	NA	NA
	24/12/24	Ghor	Taywara	Warazha	14	0	NA	NA
	26/12/24	Kandahar	Kandahar City	Ghargi Kali	7	0	NA	NA
	19/12/24		Kandahar City	Sarfoza Prison	3	0	NA	NA

	28/12/24	Takhar	Taloqan	Kalafgani Ha	6	0	NA	NA
	21/12/24	Wardak	Said Abad	Sarqol	17	0	NA	NA
<b>Dog bite/ Suspected Rabies</b>	28/12/24	Ghazni	Dehyak	Salimanzi	9	0	NA	NA
	23/12/24	Helmand	Marjah	Tarikh Nawar Din Mo Masjid	8	0	NA	NA
	21/12/24	Kabul	Bagrami	Naw Abad	1	1	NA	NA
	22/12/24	Paktika	Urgon	Masto	10	0	NA	NA
<b>Viral Hepatitis</b>	24/12/24	Bamyan	Waras	Saribom, Chaharoba And Sabzak	39	0	NA	NA
	27/12/24	Herat	Injil	Badaq	6	1	NA	NA
<b>CCHF</b>	23/12/24	Badakhshan	Tagab	Khambak Now	5	0	NA	NA
<b>Leishmaniasis</b>	25/12/24	Herat	Robat Sangi	Ejrima	41	0	NA	NA

**Figure 4:** Clinical Scabies, Suspected Measles, Clinical Chickenpox, Dog bite/ Suspected Rabies, Viral Hepatitis, CCHF, Leishmaniasis, COVID-19 cases, and deaths during the week 52<sup>nd</sup> 2024.



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

Disease/Event	Disease/Event	Lab-Confirm	Total Cases	Total Deaths
Scabies	483	0	18772	0
Measles	460	240	5233	48
Suspected Chickenpox	257	69	4161	0
Dog bites/Suspected Rabies	107	0	788	4
Pertussis	11	4	188	0
Mumps	18	0	251	0
Impetigo	17	0	377	0
Leishmaniasis	8	8	699	0
Pink Eye	5	0	59	0
ARI/Pneumonia	10	1	551	10
Food Poisoning	21	0	286	0
Dengue Fever	9	7	251	0
Typhoid Fever	9	2	302	0
CCHF	18	17	50	10
ARI cough and cold	1	1	55	0
Neonatal Tetanus	2	0	4	1
COVID-19	5	5	220	4
Anthrax	10	0	13	0
Acute Watery Diarrhea	2	0	238	0
Acute Watery Diarrhea + Dehydration	57	57	544	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	3	0	16	2
Viral Hepatitis	7	2	128	1
<b>Grand Total</b>	<b>1552</b>	<b>441</b>	<b>35992</b>	<b>89</b>

**Laboratory surveillance:**

A total of **3938** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **16** specimens were confirmed for Acute Viral Hepatitis and **80** specimens were confirmed for Measles and **14** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

**Influenza Surveillance activities:**

In Epidemiological Week 52<sup>nd</sup> 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, 1008 (14,7%) Severe Acute Respiratory Infections cases were reported, and 621 (61,6%) were under 5 years old. The proportion of SARI cases increased compared to the weeks 51-2024, 45 SARI-associated deaths were reported this week. At the 10 Influenza sentinel sites, the top sites with the highest proportion of SARI cases were Kapisa (53,8%), Kabul (40%) and Badakhshan (33%). 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, **2243** specimens were tested for the suspected COVID-19. Out of which **77** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 cases' positivity rate was 3.4% this week, which decreased 5% compared to the previous week.
- Out of **77 confirmed** cases, **130** contacts out of **28** 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 **7620** 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 an increasing trend of 0.4% compared to the previous week.
- Diarrheal diseases cases are on the decreasing trend of 0.5% compared to the previous week.
- Pneumonia cases are on an 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 **1201 (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.