

Summary:

- Out of 613 functional surveillance sentinel sites, 608 (99.2%) have submitted reports this week.
- A total of 641,863 new consultations, of which 247,024 (38.5%) were due to Surveillance targeted diseases. That included 130,316 (52.8%) males and 116,708 (47.2%) females. Also, 109,867 (45.5%) people under five years old and 137,157 (55.5%) people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (172,496 = 26.9% cases out of total new consultations), Acute Diarrheal Diseases (36,734 = 5.7% cases out of total new consultations), and Pneumonia (31,901= 5% cases out of total new consultations).
- A total of 421 deaths were reported this week, of which 69 (16.4%) deaths were due to surveillance-targeted diseases, which include 41 ARI Pneumonia deaths, 10 Suspected Meningitis deaths, 09 Acute Viral Hepatitis deaths, 07 suspected Measles deaths and 02 AWD with Dehydration deaths.
- In addition, during this week, 28 outbreaks were reported: 10 Clinical Scabies outbreaks were reported from Kabul, Kapisa, Khost, Kunduz, Logar, Nangarhar, Nuristan, Paktia and Takhar provinces, 06 Suspected Measles outbreaks were reported from Nangarhar, Nuristan, Paktia, Paktika, Urozgan and Wardak provinces, 06 Dog bite/ Suspected Rabies outbreak were reported from Panjshir, Daykundi, Herat, Kapisa, Khost and Urozgan provinces and 01 AWD with Dehydration outbreak was reported from Nangarhar province, 01 Leishmaniasis outbreak was reported from Kunduz province and 01 Food Poisoning outbreak was reported from Laghman province.
- Moreover, 118 COVID-19 confirmed cases, and 1150 suspected Measles cases (IBS) were reported at the national level.

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

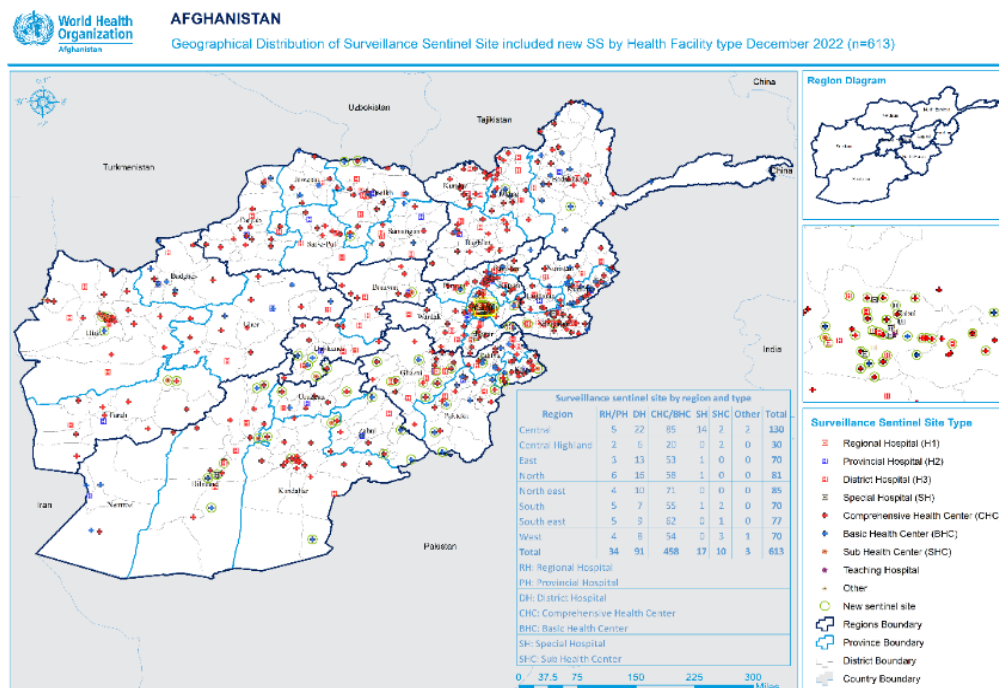


Table 1: Coverage of NDSR Surveillance System

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

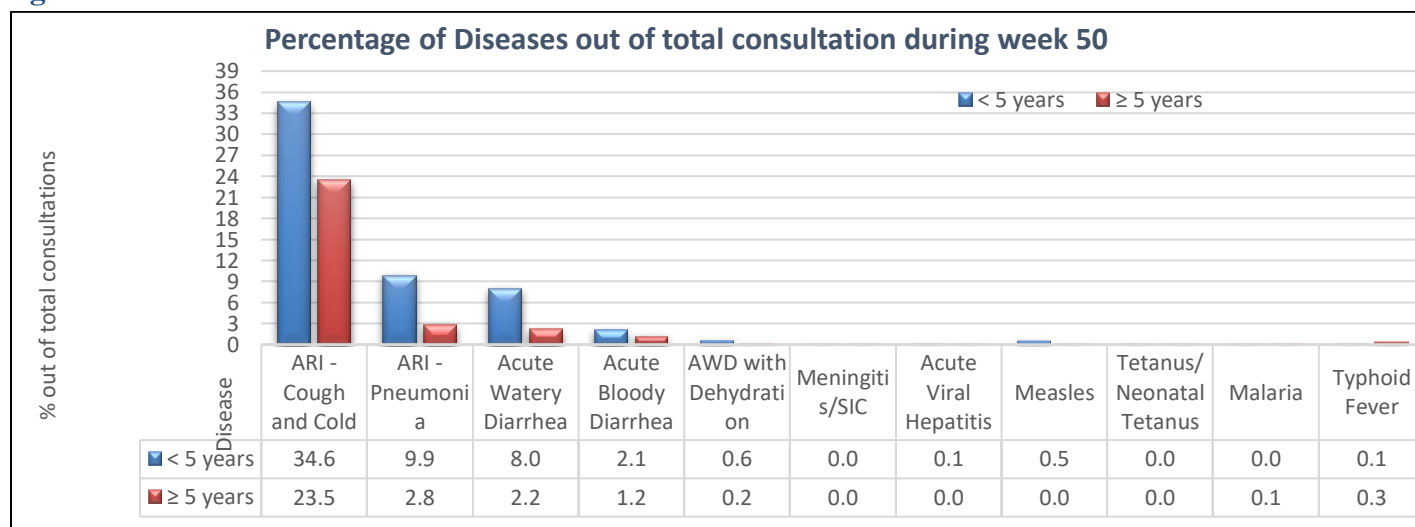
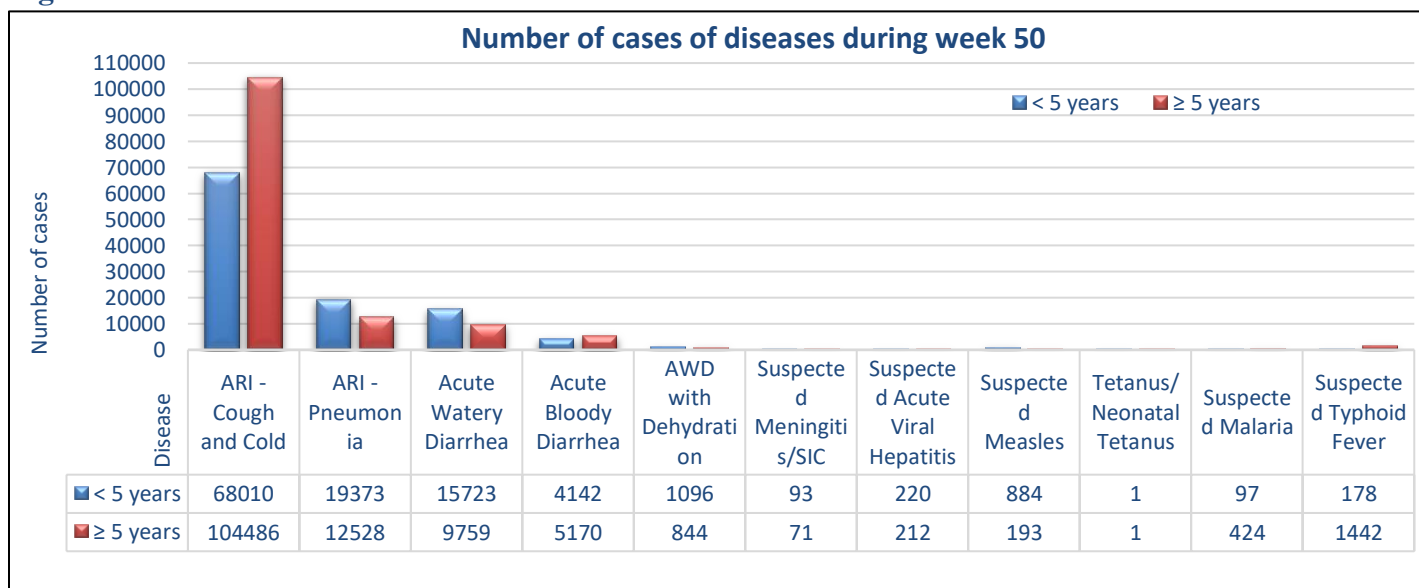


Figure 2: B



Seasonal Diseases:
Figure 3: A

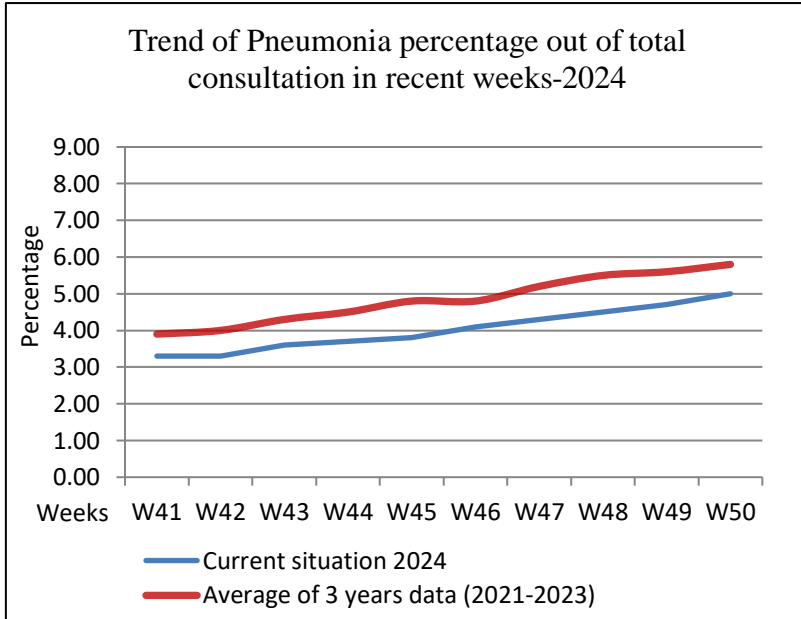


Figure 3: B

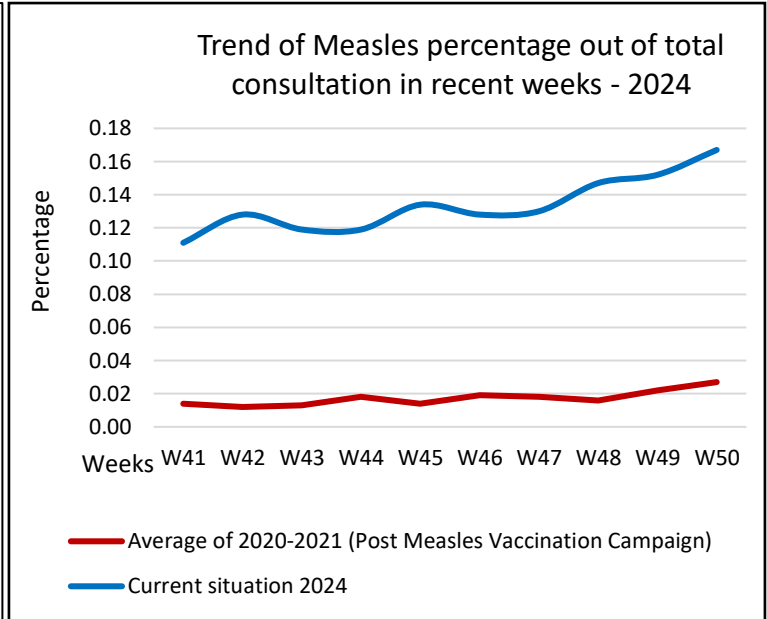


Figure 3: C

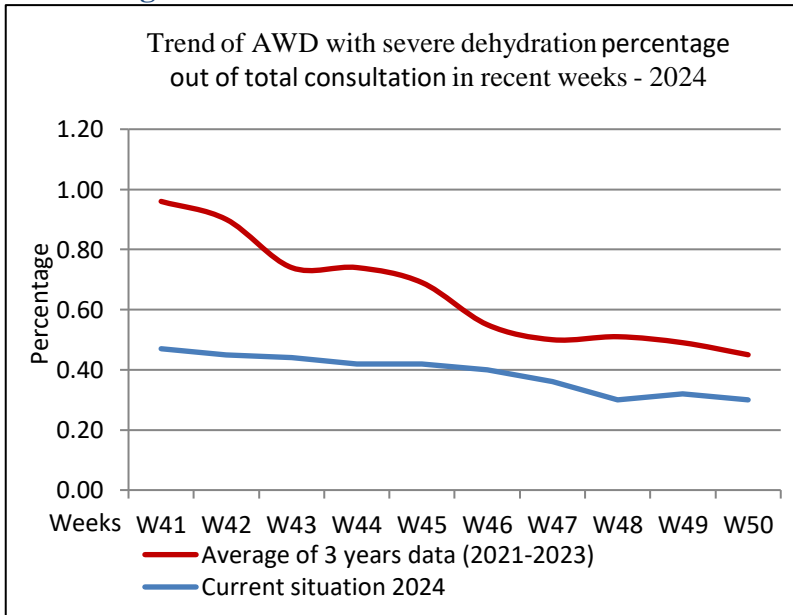


Figure 3: D

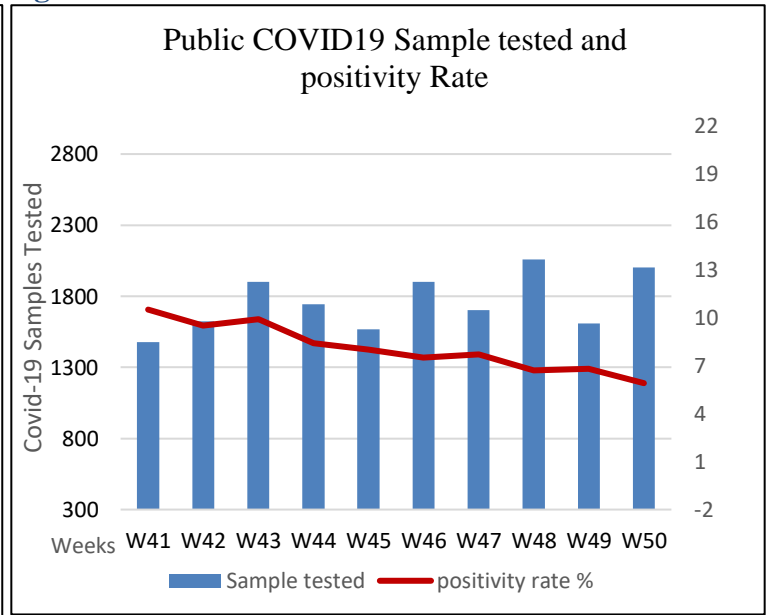


Table 3: Outbreaks in Week 50th 2024:

AFGHANISTAN INFECTIOUS DISEASE OUTBREAKS REPORT Epidemiological week #50-2024								
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	09/12/24	Kabul	Shakardara	Shirbazkheil	15	0	NA	NA
	09/12/24		Qarabagh	Awal Mir	18	0	NA	NA
	11/12/24	Kapisa	Nijrab	Share Now, Jangbaz Khel and Kalwot	38	0	NA	NA
	10/12/24	Khost	Qalander	Darwishai Village	34	0	NA	NA
	12/9/24	Kunduz	Khan Abad	Madrasah Faizul Quran	58	0	NA	NA
	07/12/24	Logar	Puli Alam	Honi Sayedan	19	0	NA	NA
	11/12/24	Nangarhar	Khiawa	Nomania Madrasa	43	0	NA	NA
	07/12/24	Nuristan	Kamdish	Mondagal Madrasa	42	0	NA	NA
	13/12/24	Paktia	Sayed Karam	Chino	21	0	NA	NA
	12/9/24	Takhar	Taloqan	Shahr E Kohna	11	0	NA	NA
Suspected Measles	10/12/24	Nangarhar	Rodat	Nomades Of Kabul Camp	6	0	100	20
	09/12/24	Nuristan	Barg-E-Matal	Atati Peshawrak	16	0	90%	50%
	10/12/24	Paktia	Zurmat	Musa Wal	7	0	80	0
	09/12/24	Paktika	Khushaman d	Chori	22	3	86%	0%
	09/12/24	Urozgan	Dehrawood	Tangi	8	0	63	80%
	07/12/24	Wardak	Said Abad	Jang-Joy Olya	14	0	70%	30%
Dog bite/ Suspected Rabies	10/12/24	Daykundi	Patoo	Sinakhazak	3	0	NA	NA
	11/12/24	Herat	Injil	Teryak	7	0	0	0
	08/12/24	Kapisa	Nijrab	Tarwari	7	0	N/A	N/A
	11/12/24	Khost	Ismail Khel Mandozai	Bahram Khel	5	0	N/A	N/A
	11/12/24	Panjshir	Hisa Awal	Bora	5	0	0	0
	09/12/24	Urozgan	Tarin-Kot	Naqil	4	0	NA	NA
	10/12/24	Kunduz	Kunduz	Haji Gultan	10	0	NA	NA

Clinical Chickenpox	10/12/24	Laghman	Mehterlam	Dalil Qala	9	0	0	0
	11/12/24	Paktia	Gardiz	Lewan	10	0	NA	NA
AWD with Dehydration	10/12/24	Nangarhar	4th Zone	Narinj Bagh	1	0	NA	NA
Leishmaniasis	12/12/24	Kunduz	Qalai Zal	Moqori	19	0	NA	NA
Food Poisoning	12/12/24	Laghman	Mehterlam	Jahadi Madrassa	6	0	0	0

Figure 4: Clinical Scabies, Suspected Measles, Dog bite/ Suspected Rabies, Chickenpox, AWD with Dehydration, Leishmaniasis, Food Poisoning, COVID-19 cases, and deaths during the week 50th 2024.

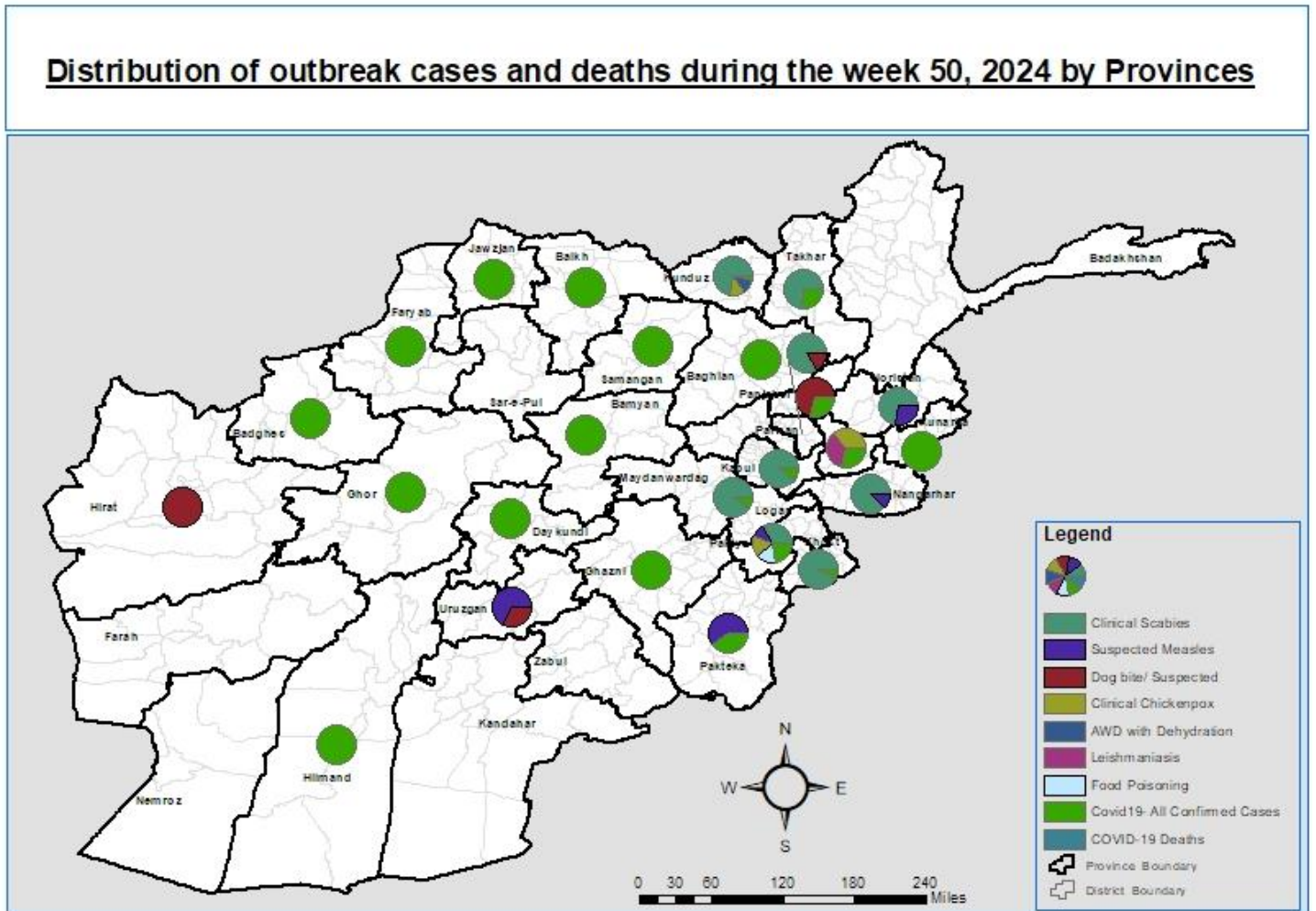


Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 14 Dec 2024)

Disease/Event	Disease/Event	Lab-Confirm	Total Cases	Total Deaths
Scabies	464	0	18219	0
Measles	442	191	5050	46
Suspected Chickenpox	249	61	4091	0
Dog bites/Suspected Rabies	100	0	745	3
Pertussis	10	4	175	0
Mumps	18	0	251	0
Impetigo	17	0	377	0
Leishmaniasis	7	3	658	0
Pink Eye	5	0	59	0
ARI/Pneumonia	9	0	536	10
Food Poisoning	21	0	286	0
Dengue Fever	9	7	251	0
Typhoid Fever	9	1	302	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	10	0	13	0
Acute Watery Diarrhea	2	0	238	0
Acute Watery Diarrhea + Dehydration	57	51	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	2	0	11	1
Viral Hepatitis	5	2	83	0
Grand Total	1493	370	35019	84

Laboratory surveillance:

A total of **4645** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **10** specimens were confirmed for Acute Viral Hepatitis and **139** specimens were confirmed for Measles and **18** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 50th 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, 915 (13,8%) Severe Acute Respiratory Infections cases were reported, and 558 (60,9%) were under 5 years old. The proportion of SARI cases increased compared to the weeks 49-2024, 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 Kabul (41%), Kapisa (39%) and Bamyan (38,6%). 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, **2003** specimens were tested for the suspected COVID-19. Out of which **118** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 cases' positivity rate was 5.9% this week, which decreased 1.0% compared to the previous week.
- Out of **118 confirmed** cases, **301** contacts out of **58** 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 **8808** 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 of 0.6% 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 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 **1150 (IBS+EBS)** suspected Measles cases with **10 (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.