

**Summary:**

- Out of **613** functional Surveillance sentinel sites, **613 (100%)** have submitted reports this week.
- A total of **606,501** new consultations, of which **229,140 (37.8%)** were due to Surveillance targeted diseases. That included **122,201 (53.3%) males** and **106,939 (46.7%) females**. Also, **105,733 (46.1%)** people under five years old and **123,407 (53.9%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**154,392 = 25.5%** cases out of total new consultations), Acute Diarrheal Diseases (**40,650 = 6.7%** cases out of total new consultations), and Pneumonia (**28,367 = 4.7%** cases out of total new consultations).
- A total of **301** deaths were reported this week, of which **87 (29%)** deaths were due to surveillance-targeted diseases, which include **58 ARI Pneumonia** deaths, **06 Suspected Meningitis** deaths, **03 suspected Hepatitis** deaths, **12 suspected Measles** deaths and **08 Acute watery Diarrhea with Dehydration** deaths.
- In addition, during this week, **41** outbreaks were reported: **18 suspected Measles** outbreaks were reported from Badghis, Ghazni, Helmand, Herat, Laghman, Nangarhar, Nuristan, Takhar, Urozgan, Wardak and Zabul provinces, **09 clinical Scabies** outbreaks were reported from Badghis, Ghazni, Jawzjan, Kabul, Kapisa, Kunar, Laghman and Panjshir provinces, **05 Clinical Chickenpox** outbreaks were reported from Bamyan, Herat, Kapisa, Parwan and Takhar provinces, **04 Dog bite/suspected Rabies** outbreaks were reported from Kapisa, Kandahar, Takhar and Urozgan provinces, **01 COVID-19** outbreak was reported from Kabul province, **01 Food Poisoning** outbreak was reported from Herat province, **01 Leishmaniosis** outbreak was reported from Herat province, **01 Suspected Pertussis** outbreak was reported from Ghazni province and **01 suspected Anthrax** outbreak was reported from Wardak province.

Moreover, **384** COVID-19 confirmed cases and **1535** suspected Measles cases (IBS) were reported at the national level.

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

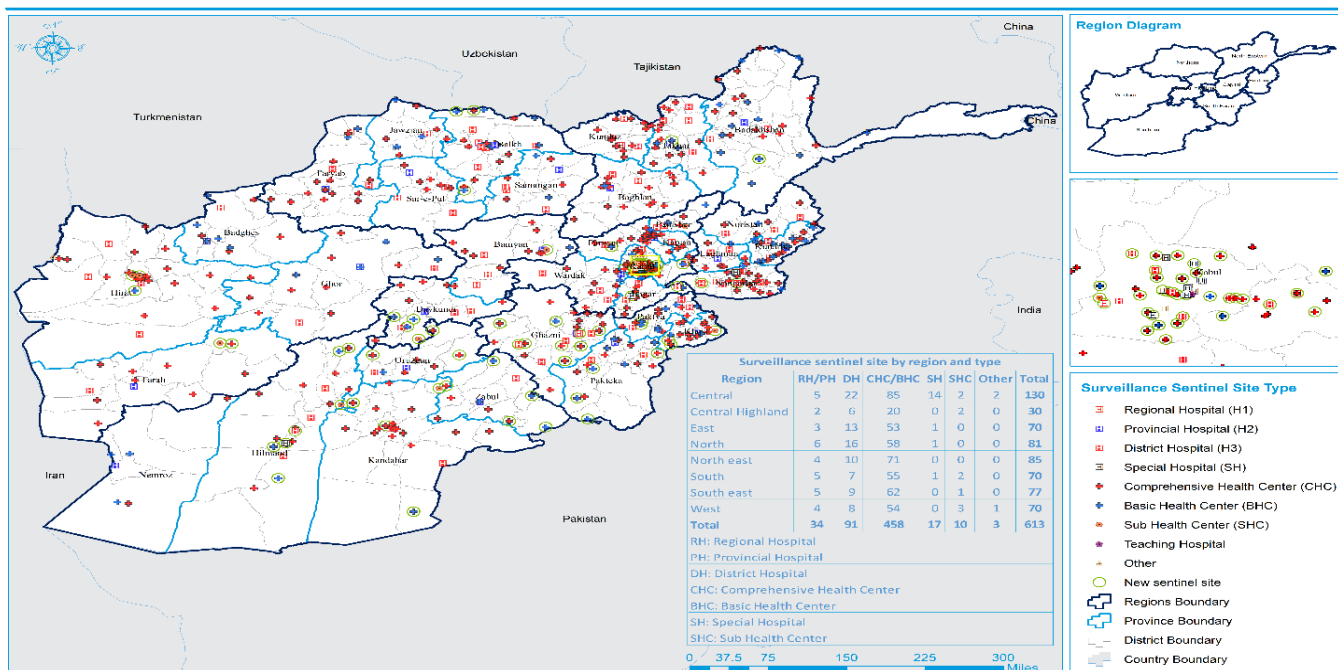


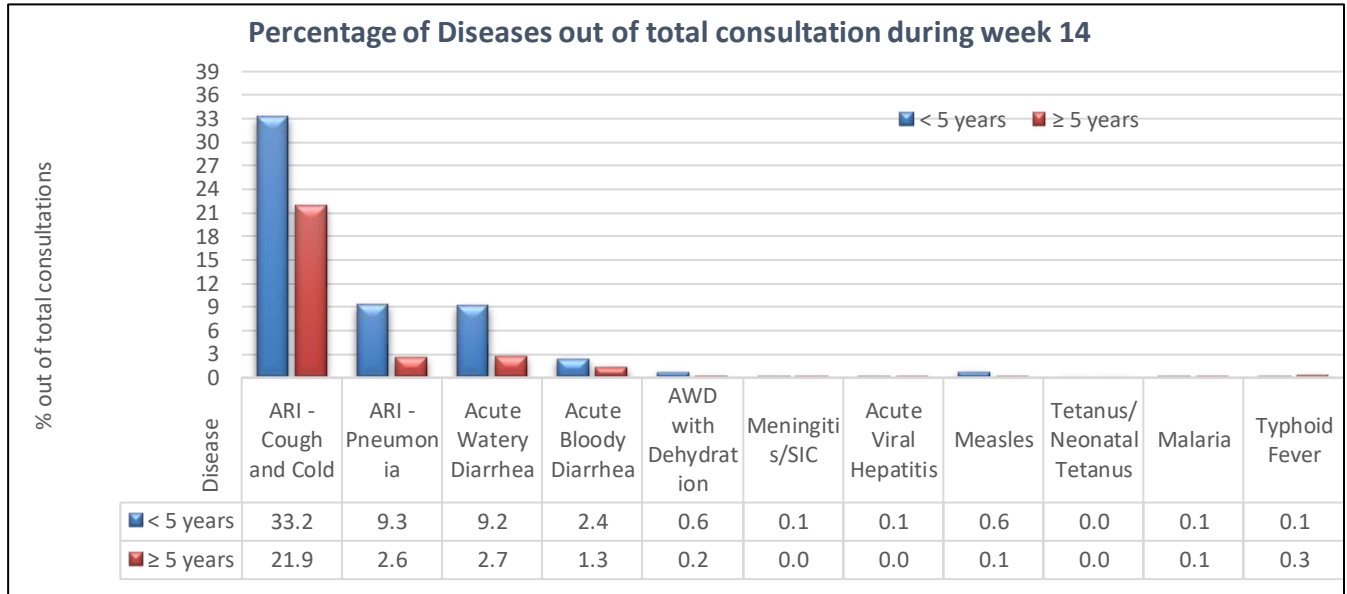
Table 1: Coverage of NDSR Surveillance System

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

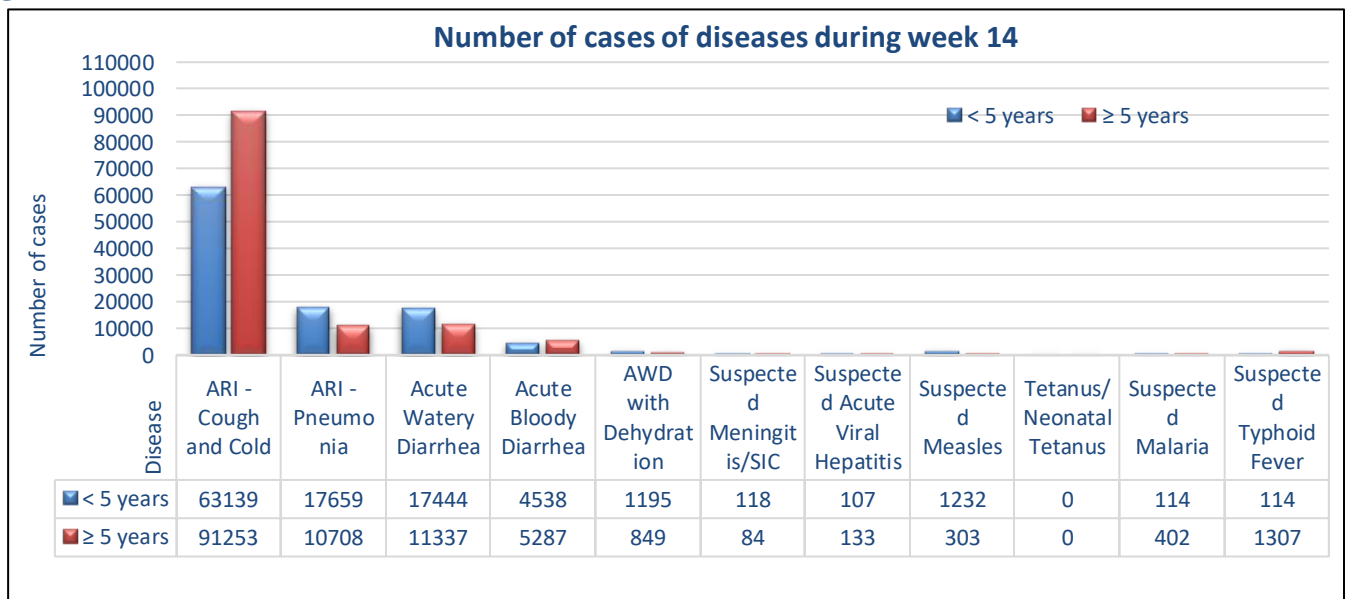
**Indicator – based Surveillance (IBS):**

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**

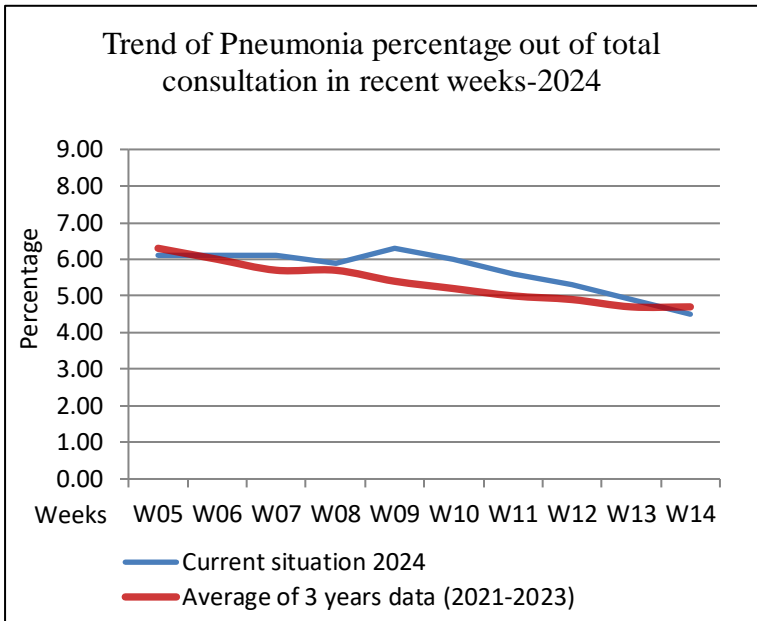


**Figure 2: B**

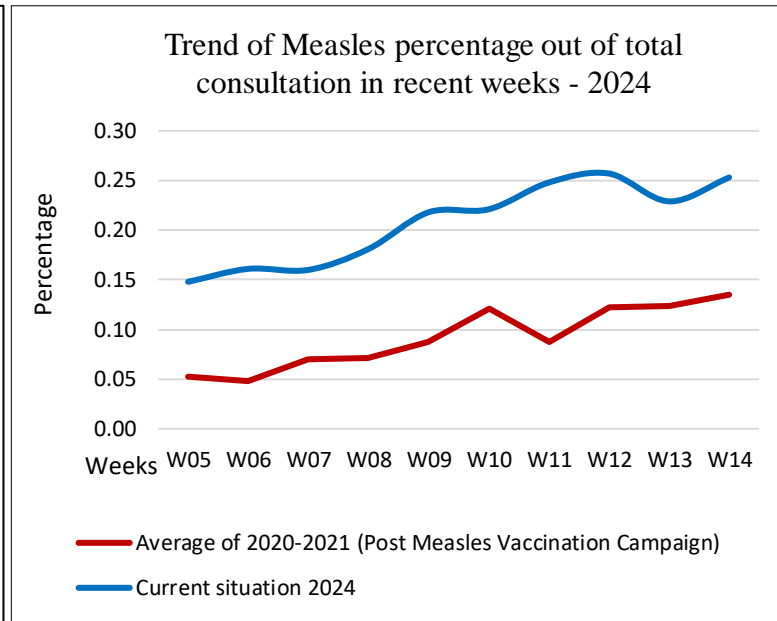


Seasonal Diseases:

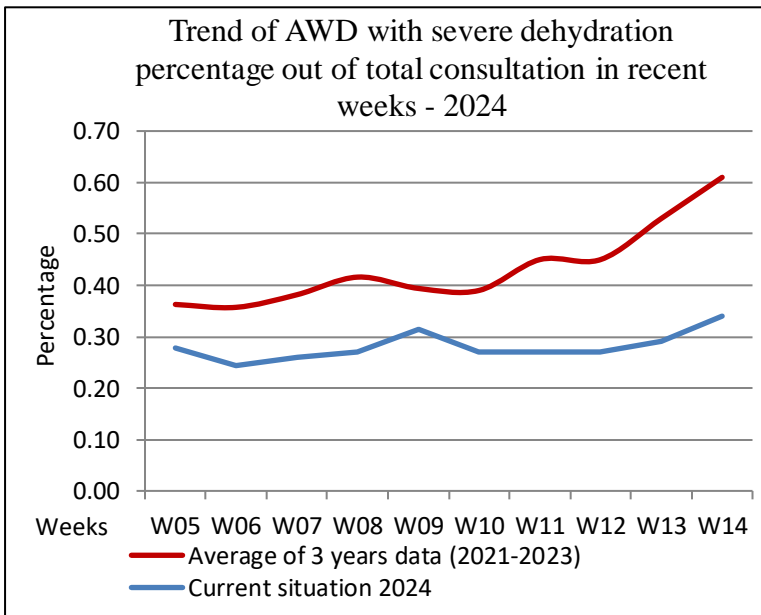
**Figure 3: A**



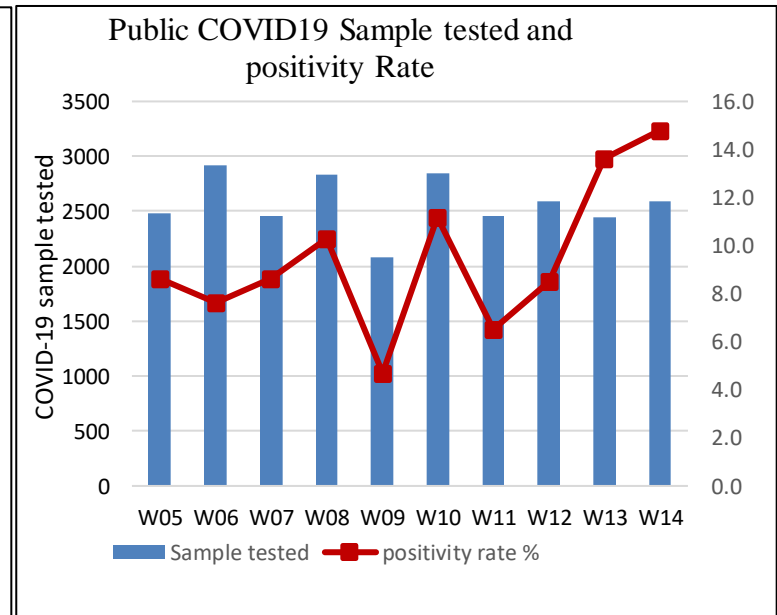
**Figure 3: B**



**Figure 3: C**



**Figure 3: D**

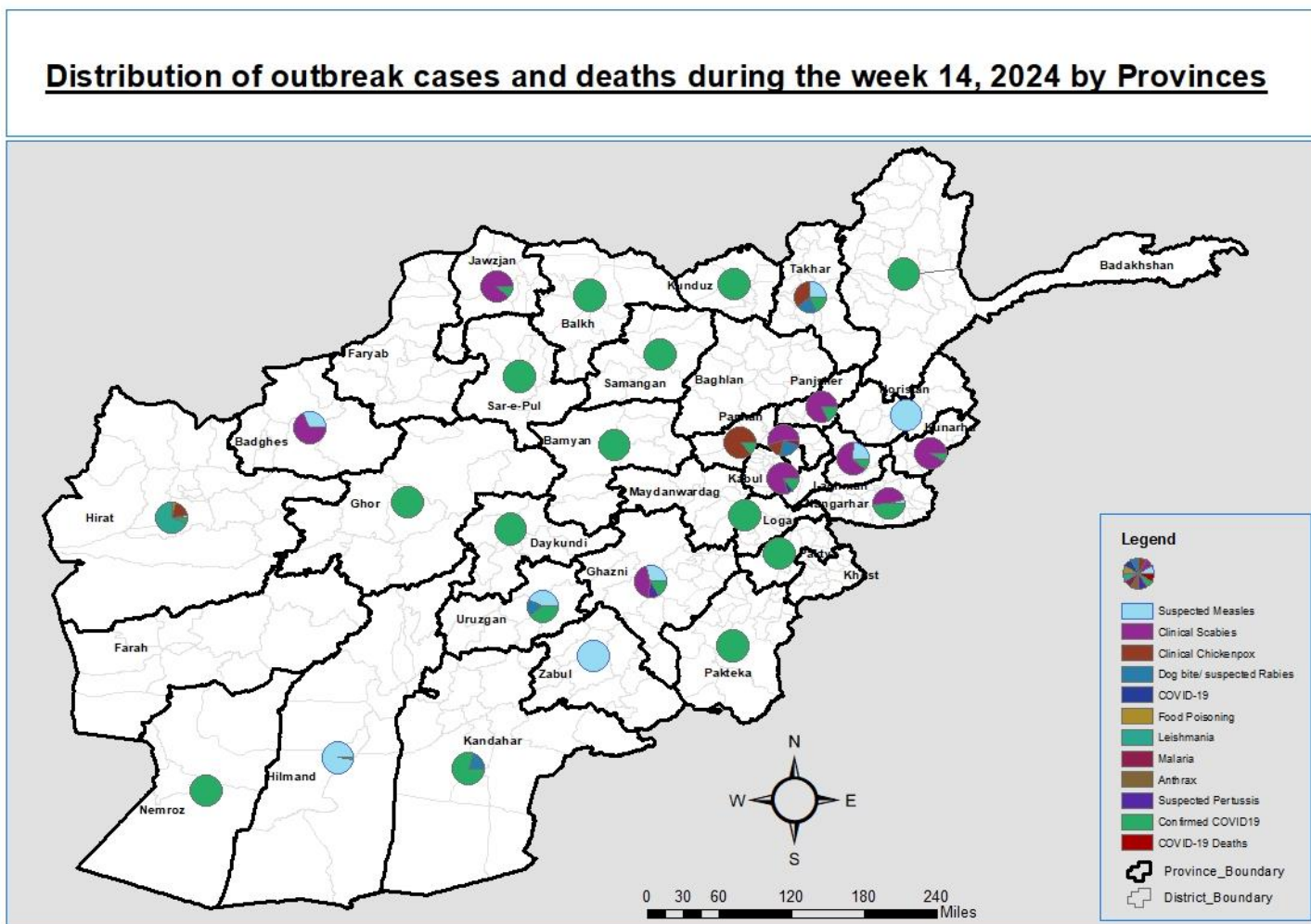


**Table 3: Outbreaks in Week 14<sup>th</sup> 2024:**

AFGHANISTAN   INFECTIOUS DISEASE OUTBREAKS REPORT   Epidemiological week # 14-2024								
Event / Diseases Name	Reported date	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage, If VPD	
							Related HF reported coverage	Field Estimated Coverage
<b>Suspected Measles</b>	31/3/24	Badghis	Murghab	Bazarto	15	0	0%	0%
	03/4/24	Badghis	Murghab	Badamto	20	1	0%	0%
	04/2/24	Ghazni	Andar	Tangi	19	0	80%	30%
	30/3/24	Helmand	Nawa	Aynak Ab Hamid Masjid	8	0	65%	10%
	01/4/24		Nahri-Saraj	Haji Mala Habibullah	8	0	85%	25%
	02/4/24		Nahri-Saraj	Awaz Pacha	9	0	85%	30%
	03/4/24		Marjah	Pasao Haji Rashid	10	0	65%	10%
	05/4/24		Mosa-Qala	Shaban-Roz	10	0	70%	20%
	31/3/24	Herat	City	Female Prison	10	0	0%	0%
	01/4/24	Laghman	Alishang	Bambosin, Busht, Kawni Of Gonapal Dara	24	0	35%	21%
	30/3/24	Nangarhar	Chaparhar	Malak Nawab Area Dawlatzai	9	0	100%	35%
	01/4/24	Nuristan	Waygal	Zamio	9	0	90%	70%
	04/1/24	Takhar	Khowaja Buddin	M. Yaqoob Masjid	7	0	90%	80%
	03/4/24	Urozgan	Tarin-Kot	Naqil	14	0	70%	21%
	06/4/24	Urozgan	Chinarto	Bochai	12	0	68%	41%
	29/3/24	Wardak	Nerkh	Anadar	7	0	74	78
	04/2/24	Wardak	Nerkh	Aatibarkhil	16	0	75	40
	04/4/24	Zabul	Qalat	Landi Village	17	0	90%	57%
<b>Clinical Scabies</b>	30/3/24	Badghis	Ghormach	Badghis	77	0	NA	NA
	31/3/24	Ghazni	Center	Ghazni	28	0	NA	NA
	30/3/24	Jawzjan	Sheberghan	Jawzjan	36	0	NA	NA
	06/4/24	Kabul	Deh Sabz	Kabul	55	0	NA	NA
	03/4/24	Kapisa	Center	Kapisa	29	0	NA	NA

	02/4/24	Kunar	Asmar	Kunar	34	0	NA	NA
	02/4/24	Laghman	Alingar	Laghman	63	0	NA	NA
	03/4/24	Nangarhar	Rodat	Nangarhar	113	0	NA	NA
	31/3/24	Panjshir	Hisa Awal	Panjshir	9	0	NA	NA
<b>Clinical Chickenpox</b>	1/4/24	Bamyan	Center	Kata Sang	20	0	NA	NA
	03/4/24	Herat	Karukh	Shahrak-E-Haji Qorban	71	0	NA	NA
	03/4/24	Kapisa	Nijrab	Afghania	9	0	NA	NA
	03/4/24	Parwan	Jabelseraj	Gulbahar Madrasa	21	0	NA	NA
	31/3/24	Takhar	Warsaj	Past Aab And Eroof	10	0	NA	NA
<b>Dog bite/ suspected Rabies</b>	03/4/24	Kapisa	Nijrab	Pachaghan	12	0	NA	NA
	04/4/24	Kandahar	Kandahar City	Ghaibi Qalacha	9	0	NA	NA
	04/1/24	Takhar	Taloqan	Choob Boor	6	0	NA	NA
	03/4/24	Urozgan	Tarin-Kot	Naqil	10	0	NA	NA
<b>Covid-19</b>	03/4/24	Kabul	Dis 8	Sarake 2 Karte Naw	7	0	NA	NA
<b>Food Poisoning</b>	03/4/24	Herat	Zenda Jan	Kakar Abad	13	0	NA	NA
<b>Leishmaniasis</b>	03/4/24	Herat	Guzara	Shahrak-E-Andishah	271	0	NA	NA
<b>Pertussis</b>	31-3-2024	Ghazni	Andar	Meri	6	0	NA	NA
<b>Anthrax</b>	29/3/24	Wardak	Chak	Malikkheil	1	0	NA	NA

**Figure 4:** Suspected Measles, Clinical Scabies, Clinical Chickenpox, Dog bite/suspected Rabies, COVID-19, Food Poisoning, Leishmaniasis, Malaria, Anthrax, Suspected pertussis, COVID-19 Cases, and deaths during the week 14<sup>th</sup> 2024.



**Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 06 April 2024)**

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Scabies	168	0	5720	0
Measles	154	53	1854	23
Suspected Chickenpox	135	1	2335	0
Dog bites/Suspected Rabies	34	0	270	0
Pertussis	4	0	55	0
Mumps	14	0	406	0
Impetigo	2	0	79	0
Leishmaniasis	3	2	326	0
Pink Eye	3	0	29	0
ARI/Pneumonia	6	0	250	10
Food Poisoning	6	0	65	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
COVID-19	1	1	7	0
Anthrax	1	0	1	0
<b>Grand Total</b>	<b>536</b>	<b>60</b>	<b>11503</b>	<b>33</b>

### Laboratory surveillance:

A total of **3821** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **02** specimens were confirmed for Acute Viral Hepatitis, **190** specimens were confirmed for Measles, and **07** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

### Influenza Surveillance activities:

In epidemiological week 14<sup>th</sup> 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, 684 (16.1%) Severe Acute Respiratory Infections cases were reported, and 60% were under 5 years old. The proportion of SARI cases decreased compared to week 13<sup>th</sup> 2024. 31 SARI-associated deaths were reported this week. At the 10 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kabul (40.0%), Paktya (38.0%), and Kapisa (37.2%) provinces. During this epi-week, our field staff shipped 31 SARI and 20 ILI specimens to the National Influenza Center (NIC).

### COVID-19 Surveillance activities:

This week, **2591** specimens were tested for suspected COVID-19. Out of which **384** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 14.8% this week, which increased 1.2% compared to the previous week.
- Out of **384 confirmed** cases, **612** contacts out of **195** 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 **39,947** 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 increasing trend (0.4%) compared to the previous week.
- Pneumonia cases are on a decreasing trend (0.2%) compared to the previous week.
- Diarrheal diseases are on the increasing trend (0.6%) 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 **1759 (IBS+EBS)** suspected Measles cases with **13 (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.