

Summary:

- Out of 613 functional Surveillance sentinel sites, 611 (99.7%) have submitted reports this week.
- A total of 701,951 new consultations, of which 258,786 (36.9%) were due to Surveillance targeted diseases. That included 138,651 (53.6%) males and 120,135 (46.4%) females. Also, 120,475 (46.6%) people under five years old and 138,311 (53.4%) five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (168,666 = 24% cases out of total new consultations), Acute Diarrheal Diseases (56,072 = 8% cases out of total new consultations), and Pneumonia (27,521= 3.9% cases out of total new consultations).
- A total of 287 deaths were reported this week, of which 61 (21.3%) deaths were due to surveillance-targeted diseases, which include 44 ARI Pneumonia deaths, 04 Suspected Meningitis deaths, 04 suspected Measles deaths, 02 Acute Watery Diarrhea with Dehydration deaths, 04 Acute Viral Hepatitis deaths and 03 COVID-19 deaths.
- In addition, during this week, 30 outbreaks were reported: 13 suspected Measles outbreaks were reported from Baghlan, Ghazni, Ghor, Herat, Kabul, Logar, Nuristan, Paktia, Paktika, Urozgan, Wardak and Zabul provinces, 07 Clinical Chickenpox outbreaks were reported form Helmand, Kandahar, Kapisa, Paktia and Panjshir provinces. 05 clinical Scabies outbreaks were reported from Nangarhar, Urozgan, Kapisa, and Paktia provinces, 02 Dog bite/ suspected Rabies outbreaks were reported from Kabul and Laghman provinces, 02 Anthrax outbreak were reported form Kabul and Khost provinces and 01 COVID-19 outbreak was reported from Kabul province.

Moreover, 802 COVID-19 confirmed cases and 1569 suspected Measles cases (IBS) were reported at the national level.

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

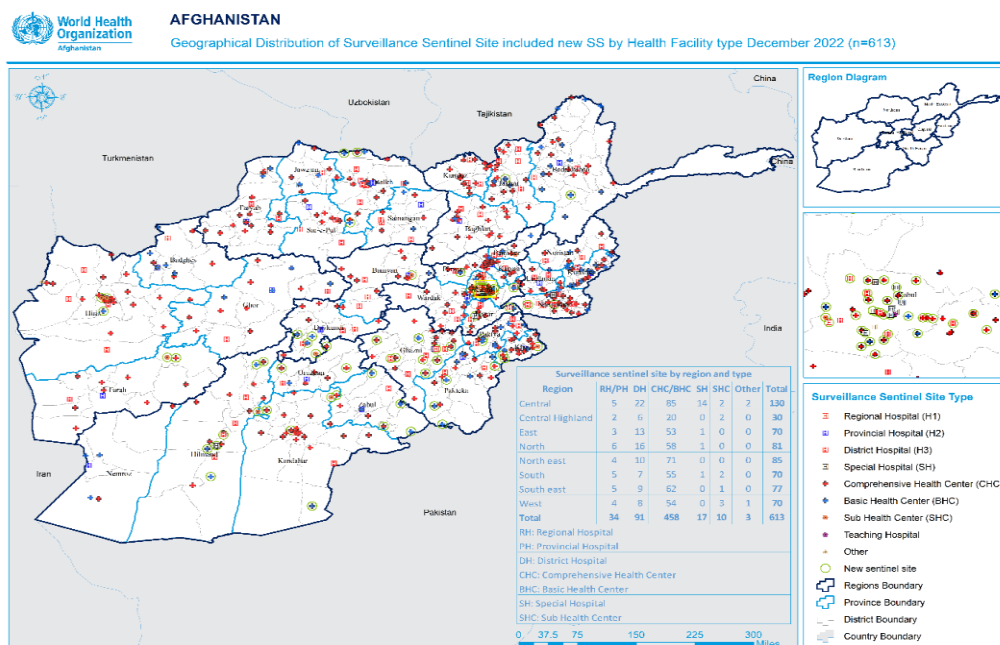


Table 1: Coverage of NDSR Surveillance System

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

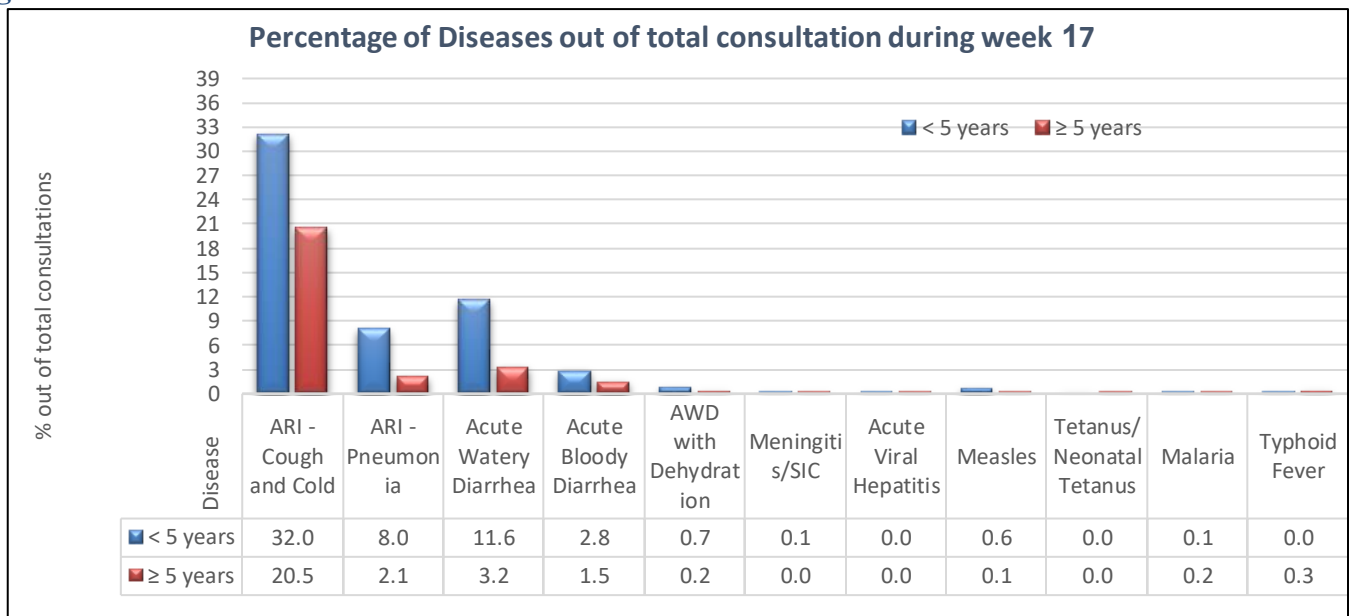
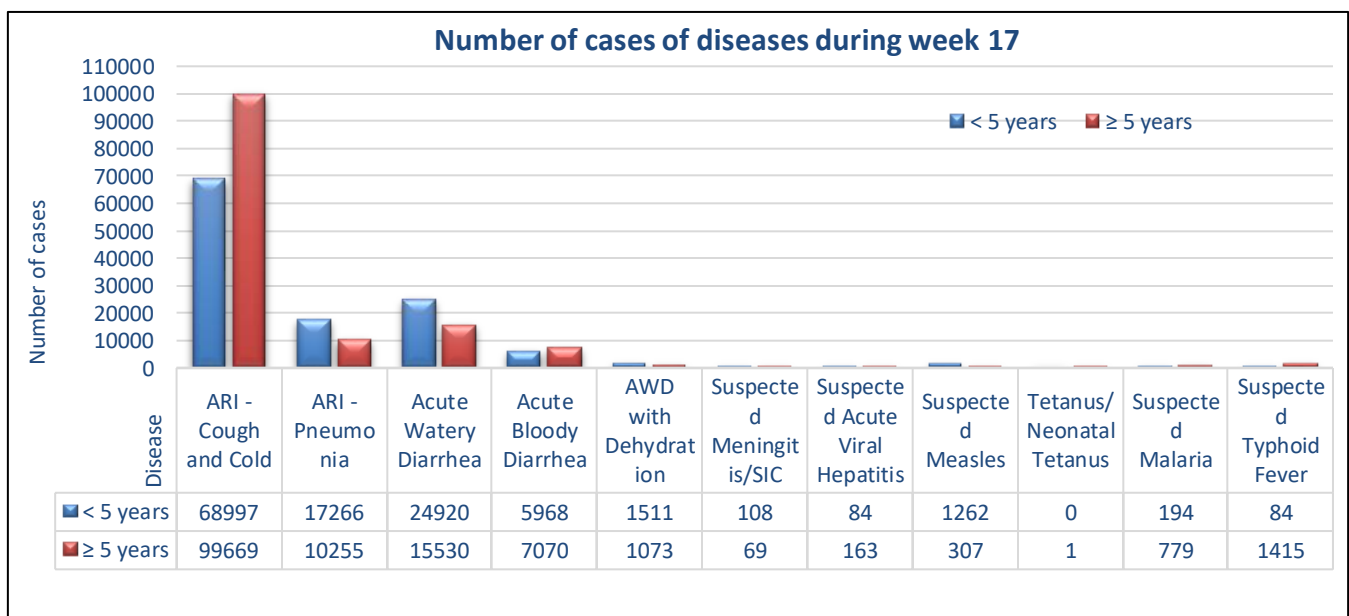


Figure 2: B



Seasonal Diseases:

Figure 3: A

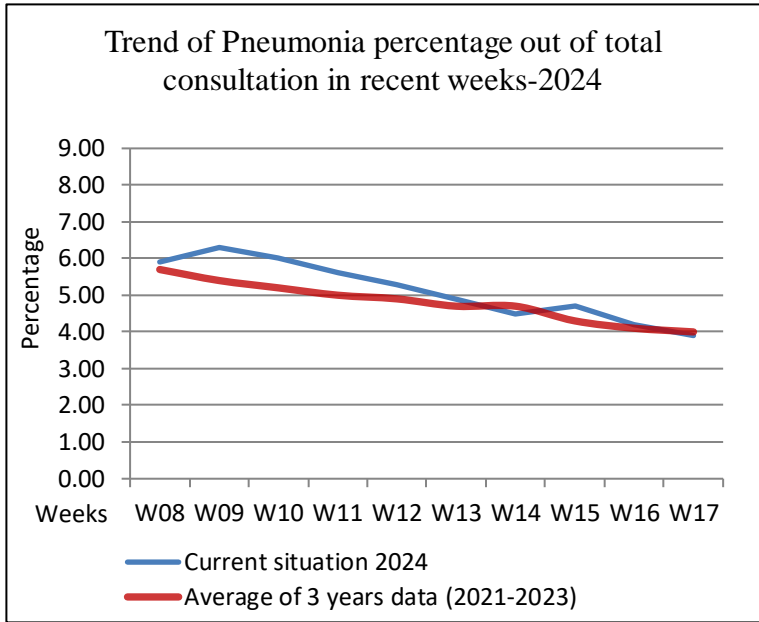


Figure 3: B

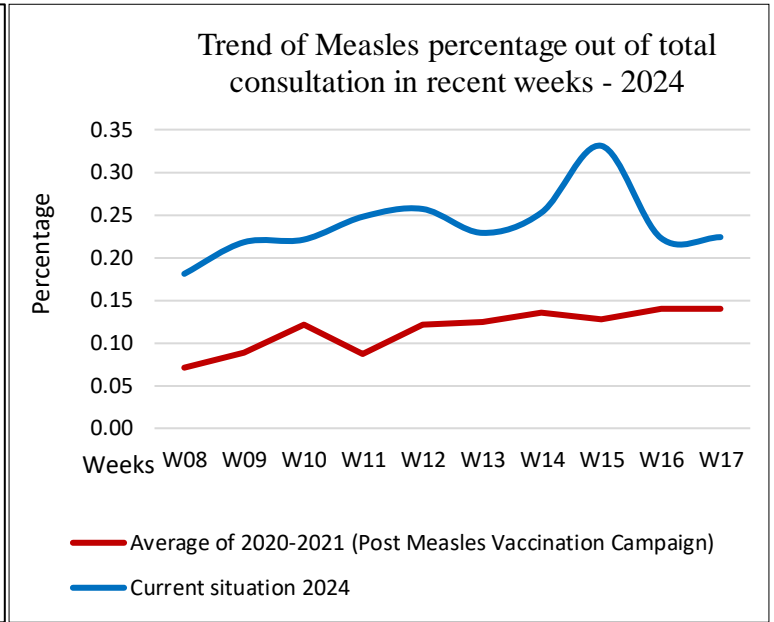


Figure 3: C

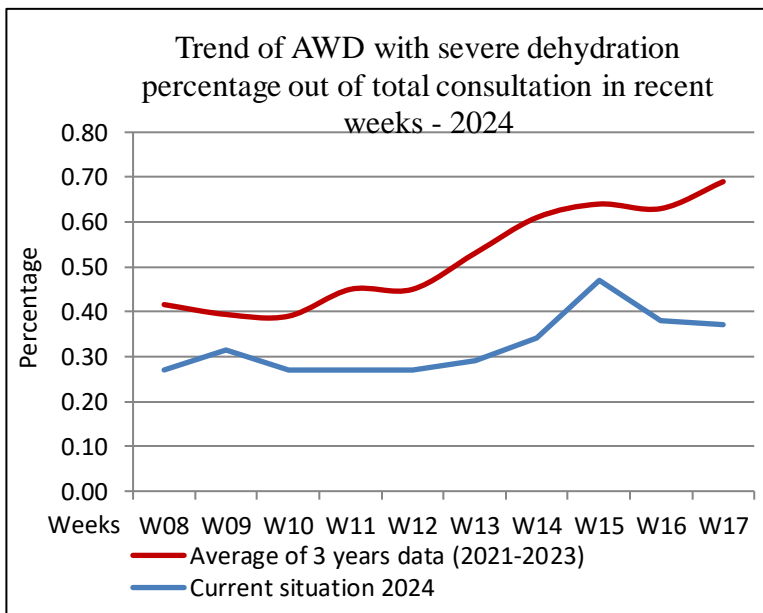


Figure 3: D

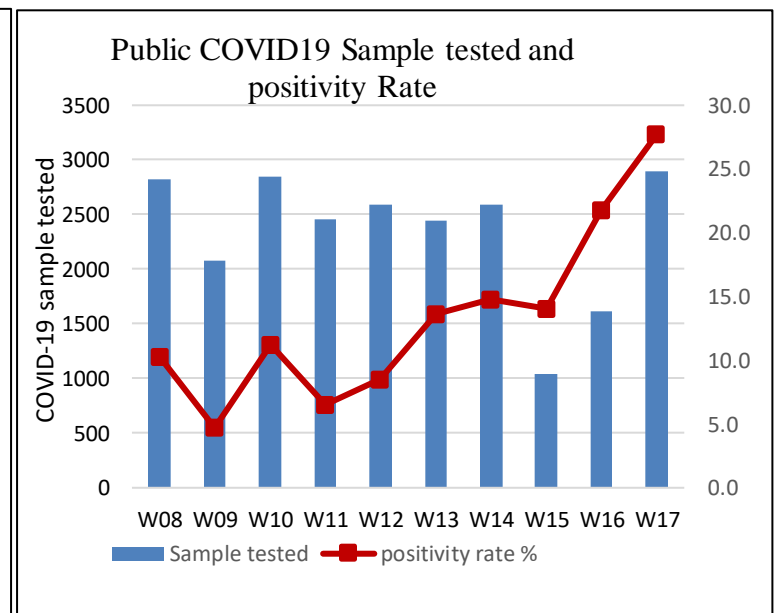


Table 3: Outbreaks in Week 17th 2024:

AFGHANISTAN INFECTIOUS DISEASE OUTBREAKS REPORT Epidemiological week # 17-2024								
Event / Diseases Name	Reported date	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage, If VPD	
							Related HF reported coverage	Field Estimated Coverage
Suspected Measles	21/4/24	Baghlan	Khenjan	Darwaza Surkhyan	8	0	90%	70%
	21/4/24	Ghazni	Ghazni	Kolaghai/Ziwaj	21	0	80%	60%
	21/4/24		Qarabagh	Hassan Khail	15	0	0%	0%
	21/4/24	Ghor	Saghar	Guhar	7	0	0%	0%
	20/4/24	Herat	Gulran	Khajeh Bozorg	13	0	95%	84%
	25/4/24	Kabul	11 & 17	Saraay Shamali & Sare Kotal	8	0	160%	82%
	23/4/24	Logar	Charkh	Dashte Charkh	12	0	80%	45%
	22/4/24	Nuristan	Kamdesht	Paprok	10	0	90%	60%
	20/4/24	Paktia	Samkani	Zar Village	19	0	80%	35%
	26/4/24	Paktika	Yahyakhil	Ghaibu Khil	18	0	65%	78%
	21/4/24	Urozgan	Tarin-Kot	3rd Sub-District	14	0	87%	21%
	23/4/24	Wardak	Said Abad	Mir Yahya Khil	9	0	77%	70%
21/4/24	Zabul	Meezan	Toarat	14	0	88%	34%	
Clinical Chickenpox	24/4/24	Helmand	Lashkargha	Latif Chowk Kati-Lagan	14	0	NA	NA
	25/4/24	Kandahar	Shah-Walikot	Inzargi	10	0	NA	NA
	23/4/24	Kapisa	Kohband	Sharwani	13	0	NA	NA
	21/4/24	Paktia	Ahmad Aba	Hemat Khil	14	0	NA	NA
	22/4/24	Paktika	Khoshamand	Maroof Keel	13	0	NA	NA
	21/4/24	Panjshir	Abshar	Lalakhil	9	0	NA	NA
	22/4/24		Rukha	Nolaba	7	0	NA	NA
Clinical Scabies	22/4/24	Nangarhar	Kot	Zarbacha	80	0	NA	NA
	24/4/24	Urozgan	Tarin-Kot	Bulagh	47	0	NA	NA
	22/4/24	Kapisa	Kohistan-2	Khamroba	15	0	NA	NA
	23/4/24		Center	Shahbaz Khail	21	0	NA	NA
	23/4/24	Paktia	Kolalgo	Khanak	36	0	NA	NA

Dog bite/ suspected Rabies	20/4/24	Kabul	Chahar Asyab	Ghond Refah Talimi	3	0	NA	NA
	20/4/24	Laghman	Alinigar	Kotali, Topak	6	0	NA	NA
Anthrax	20/4/24	Kabul	4	Tahia Maskan	1	0	NA	NA
	20/4/24	Khost	Tani	Deragai Dandi	1	0	NA	NA
COVID-19	24/4/24	Kabul	12	Block 3	7	0	NA	NA

Figure 4: Suspected Measles, Clinical Chickenpox, Clinical Scabies, Dog bite/suspected Rabies, Anthrax, COVID-19 Cases, and deaths during the week 17th 2024.

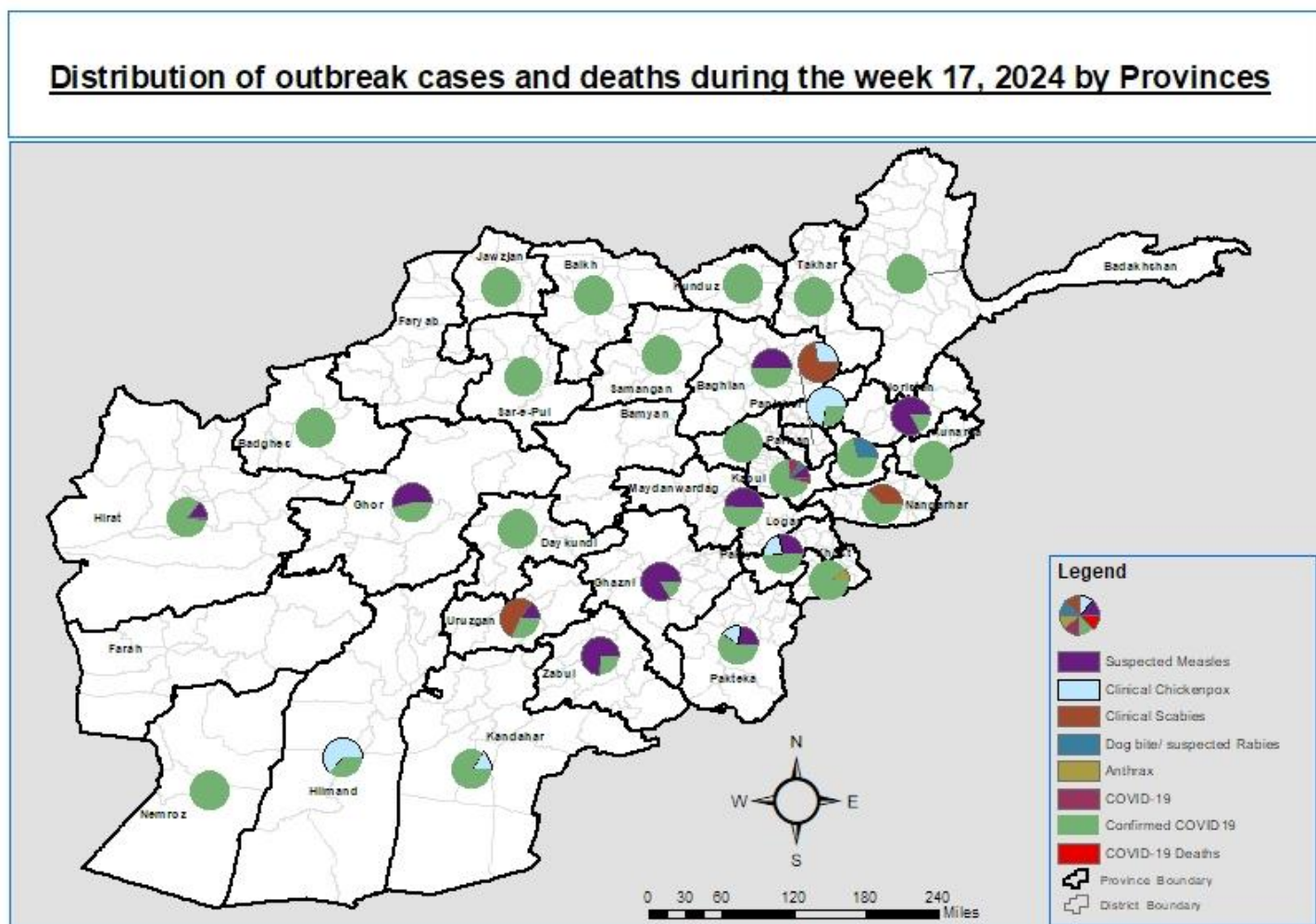


Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 27 April 2024)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Scabies	182	0	6212	0
Measles	181	55	2189	23
Suspected Chickenpox	148	2	2461	0
Dog bites/Suspected Rabies	38	0	298	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	7	0	72	0
Dengue Fever	1	1	38	0
Typhoid Fever	2	0	55	0
CCHF	1	1	2	1
ARI cough and cold	1	0	55	0
Neonatal Tetanus	1	1	1	0
COVID-19	2	2	14	0
Anthrax	3	0	3	0
Grand Total	599	64	12545	34

Laboratory surveillance:

A total of **4180** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **02** specimens were confirmed for Acute Viral Hepatitis, **148** specimens were confirmed for Measles, and **17** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 17th 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, 605(12.9%) Severe Acute Respiratory Infections cases were reported and 55% were under 5 years old. The proportion of SARI cases decreased compared to week 16th 2024. 22 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 (45.0%), Paktia (39.0%), and Kapisa (27.4%) provinces. During this Epi-week, our field staff shipped 30 SARI and 20 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **2899** specimens were tested for suspected COVID-19. Out of which **802** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 27.7% this week, which increased 5.9% compared to the previous week.
- Out of **802 confirmed** cases, **1097** contacts out of **352** 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 **46,060** passengers have been screened for COVID-19 at the three points of entry in (Kandahar, Herat and Nangarhar) provinces.

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 (0.3%) compared to the previous week.
- Pneumonia cases are on the increasing trend (0.7%) compared to the previous week.
- Diarrheal diseases are on the increasing trend (0.2%) 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 **1737 (IBS+EBS)** suspected Measles cases with **04 (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.