

Ministry of Public Health

Monitoring Evaluation & Health Information System GD

وزارت صحت عامه

Diseases Surveillance Department

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ریاست عمومی نظارت ارزیابی و سیستم معلومات صحی

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National Disease Surveillance
& Response (NDSR)

NDSR Weekly Epidemiological Report 24th

Date: 09 – 15/06/2024

Summary:

- Out of **613** functional Surveillance sentinel sites, **610 (99.5%)** have submitted reports this week.
- A total of **683,887** new consultations, of which **244,794 (35.8%)** were due to Surveillance targeted diseases. That included **128,710 (52.6%) males** and **116,084 (47.4%) females**. Also, **116,597 (47.6%)** people under five years old and **128,197 (52.4%)** people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**130,981 = 19.2%** cases out of total new consultations), Acute Diarrheal Diseases (**87,793 = 12.8%** cases out of total new consultations), and Pneumonia (**17,904 = 2.6%** cases out of total new consultations).
- A total of **394** deaths were reported this week, of which **56 (14.8%)** deaths were due to surveillance-targeted diseases, which include **40 ARI Pneumonia** deaths, **06 Suspected Meningitis** deaths, **06 suspected Measles** deaths and **04 Acute Watery Diarrhea with Dehydration** deaths.
- In addition, during this week, **29** outbreaks were reported: **12 suspected Measles** outbreaks were reported from Bamyan, Ghazni, Ghor, Helmand, Jawzjan, Kabul, Kandahar, Paktika and Wardak provinces, **06 clinical Scabies** outbreaks were reported from Ghor, Herat, Kabul, Logar, Nangarhar and Zabul provinces, **04 Suspected Chickenpox** outbreaks were reported from Bamyan, Herat and Panjshir provinces, **02 Malaria-PV** outbreaks were reported from Nangarhar and Parwan provinces, **03 Dog bite or suspected Rabies** outbreaks were reported from Ghazni, Khost and Logar provinces, **01 Confirmed AWD** outbreak was reported from Kunar province, **01 Acute Bloody Diarrhea (Trichuriasis)** outbreak was reported from Badakhshan province.

Moreover, **130** COVID-19 confirmed cases and **1548** suspected Measles cases (IBS) were reported at the national level.

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

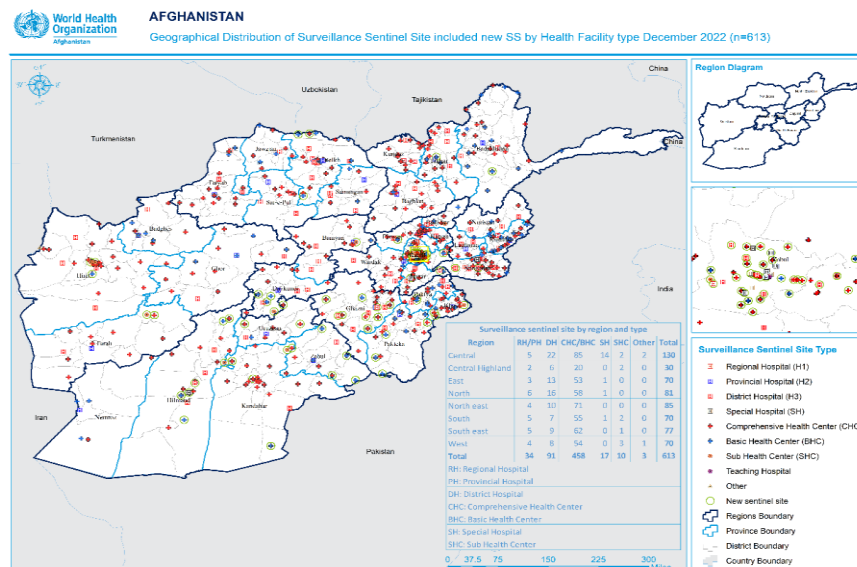


Table 1: Coverage of NDSR Surveillance System

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

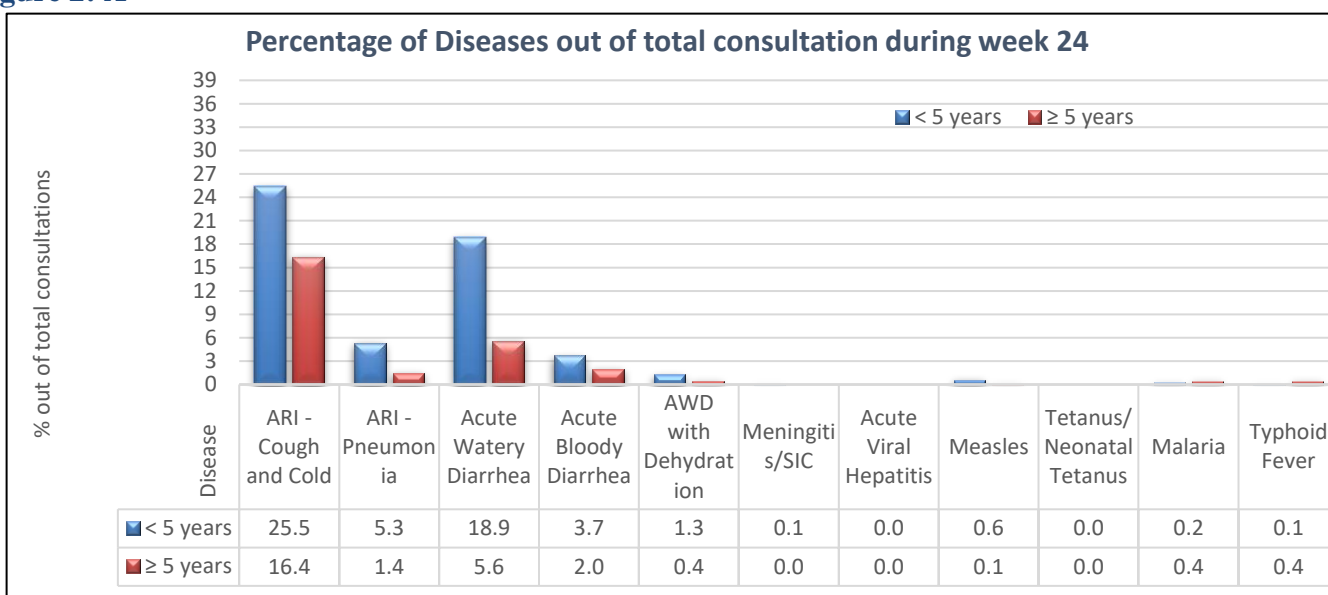
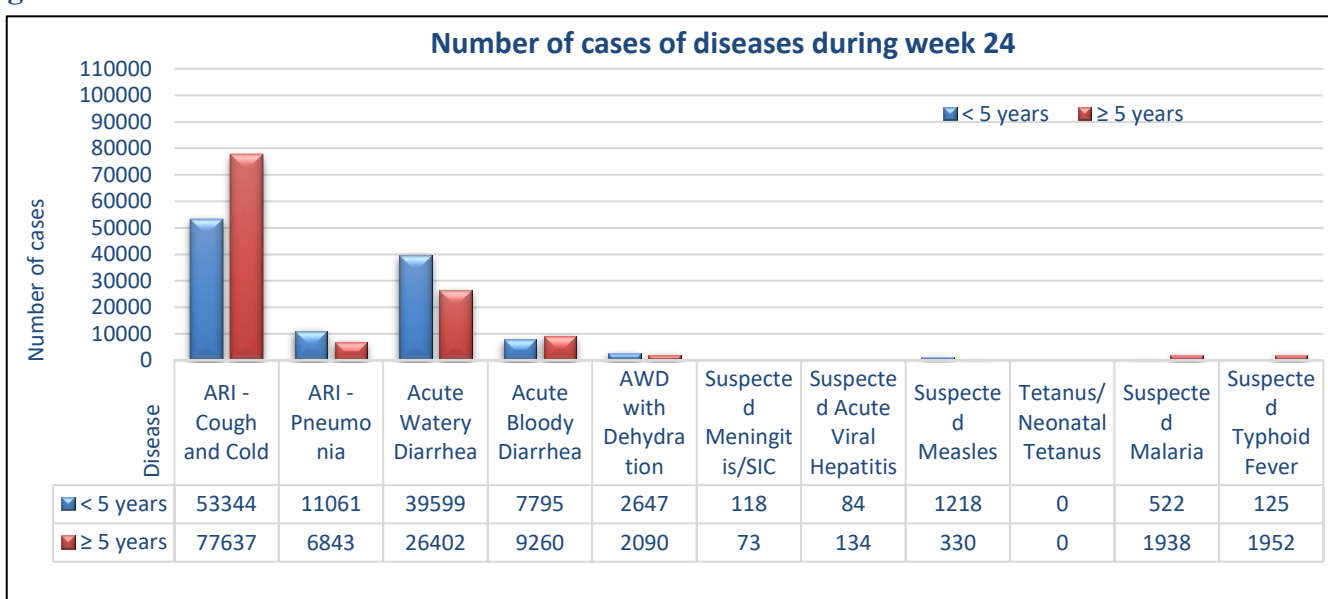


Figure 2: B



Seasonal Diseases:
Figure 3: A

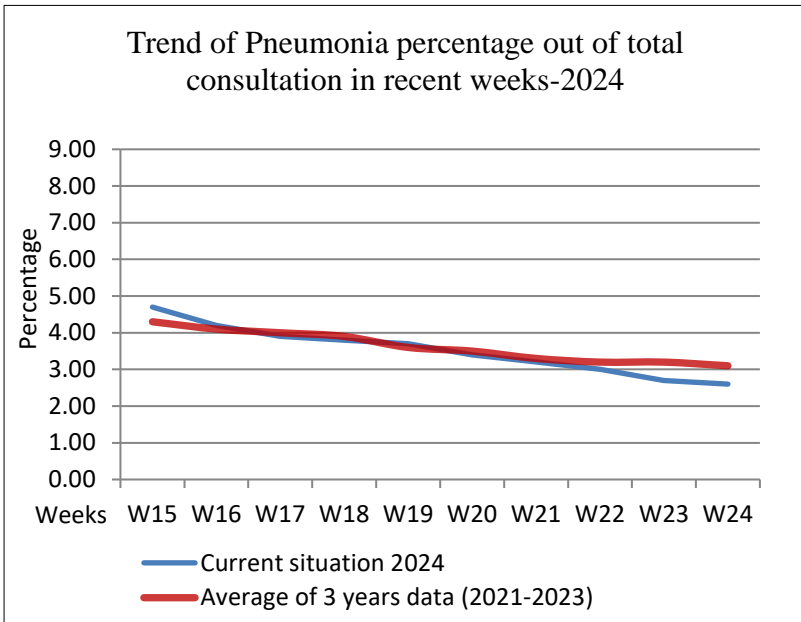


Figure 3: B

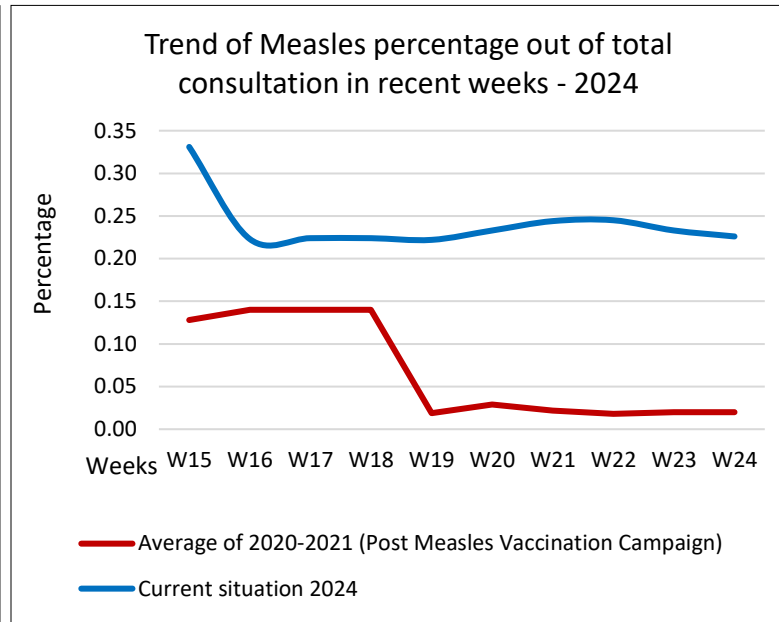


Figure 3: C

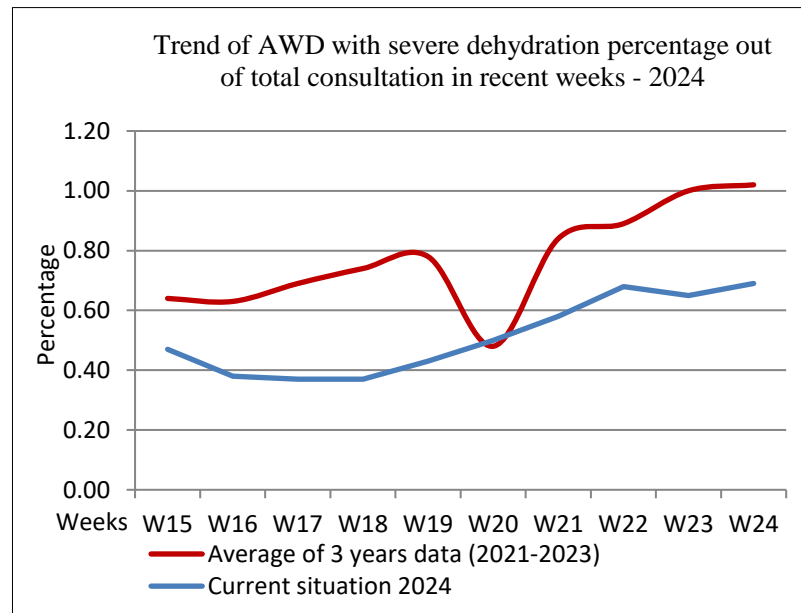


Figure 3: D

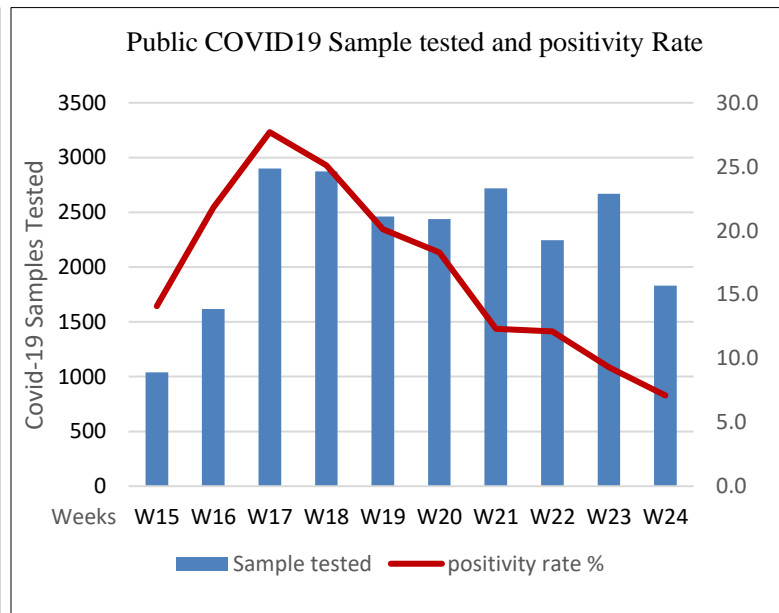


Table 3: Outbreaks in Week 24th 2024:

AFGHANISTAN INFECTIOUS DISEASE OUTBREAKS REPORT Epidemiological week #24-2024								
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	15/6/24	Bamyan	Shebar	Dahan-e-Ghandak	29	0	80%	60%
	08/6/24	Ghazni	Waghaz	Surkhak	12	0	40%	0%
	09/6/24		Qarabagh	Sorsary	26	0	0%	0%
	11/6/24	Ghor	Morghab	Shoraba	16	0	80%	57%
	09/6/24	Helmand	Mosa-Qala	Akhond Khilano	10	0	85%	18%
	11/6/24	Jawzjan	Shebergh an	Alti Khuwaja	16	0	160%	80%
	08/6/24	Kabul	Deh Sabz	Bakhtyaran	9	0	107%	19%
	09/6/24		Guldara	Deh Naw	8	0	103%	69%
	10/6/24		Paghman	Hatam kheil	8	0	102%	29%
	10/6/24	Kandahar	Takhta-Pol	Daragi	10	0	80%	40%
	14/6/24	Paktia	Ahmadab a	Zafarkhil and Gulkhil	10	0	80%	0%
	12/6/24	Wardak	Chak	Spidar sebak	7	0	78%	68%
Clinical Scabies	10/6/24	Ghor	Shahrak	Jam	11	0	NA	NA
	11/6/24	Herat	City	Kocheh Saadat	18	0	NA	NA
	11/6/24	Kabul	Paghman	Parachi	34	0	NA	NA
	11/6/24	Logar	Puli Alam	Madrasai Jahadi	31	0	NA	NA
	11/6/24	Nangarhar	Batikot	Kudy	45	0	NA	NA
	09/6/24	Zabul	Qalat	Momin	27	0	NA	NA
Clinical Chickenpox	09/6/24	Bamyan	Yakawlan g	Basroyah Yakawlang	30	0	NA	NA
	13/6/24	Herat	Injil	Shekofan	18	0	NA	NA
	13/6/24		Shindand	Baghojeh	10	0	NA	NA
	12/6/24	Panjshir	Center	Nawalige	8	0	NA	NA
Confirmed Malaria-PV	06/6/24	Nangarhar	Darinoor	Barkot CHC	220	0	NA	NA
	10/6/24	Parwan	Kohe safi	Baba Ghumbakay	7	0	NA	NA
	09/6/24	Ghazni	Andar	Talbah	8	0	NA	NA

Dog bite or Suspected Rabies	08/6/24	Khost	Matoon (Center)	Matoon	3	0	NA	NA
	14/6/24	Logar	Charkh	Nowshar	11	0	NA	NA
Confirmed AWD	12/6/24	Kunar	Asadabad center	Karamar village	16	0	NA	NA
Acute Bloody diarrhea (Trichuriasis)	09/6/24	Badakhshan	Sharei buzurg	Chshma Kharita	43	0	NA	NA

Figure 4: Suspected Measles, Clinical Scabies, Clinical Chickenpox, Malaria-PV, Lab Confirm AWD, Dog bite/suspected Rabies, Acute Bloody Diarrhea (Trichiniasis), COVID-19 cases, and deaths during the week 24th 2024

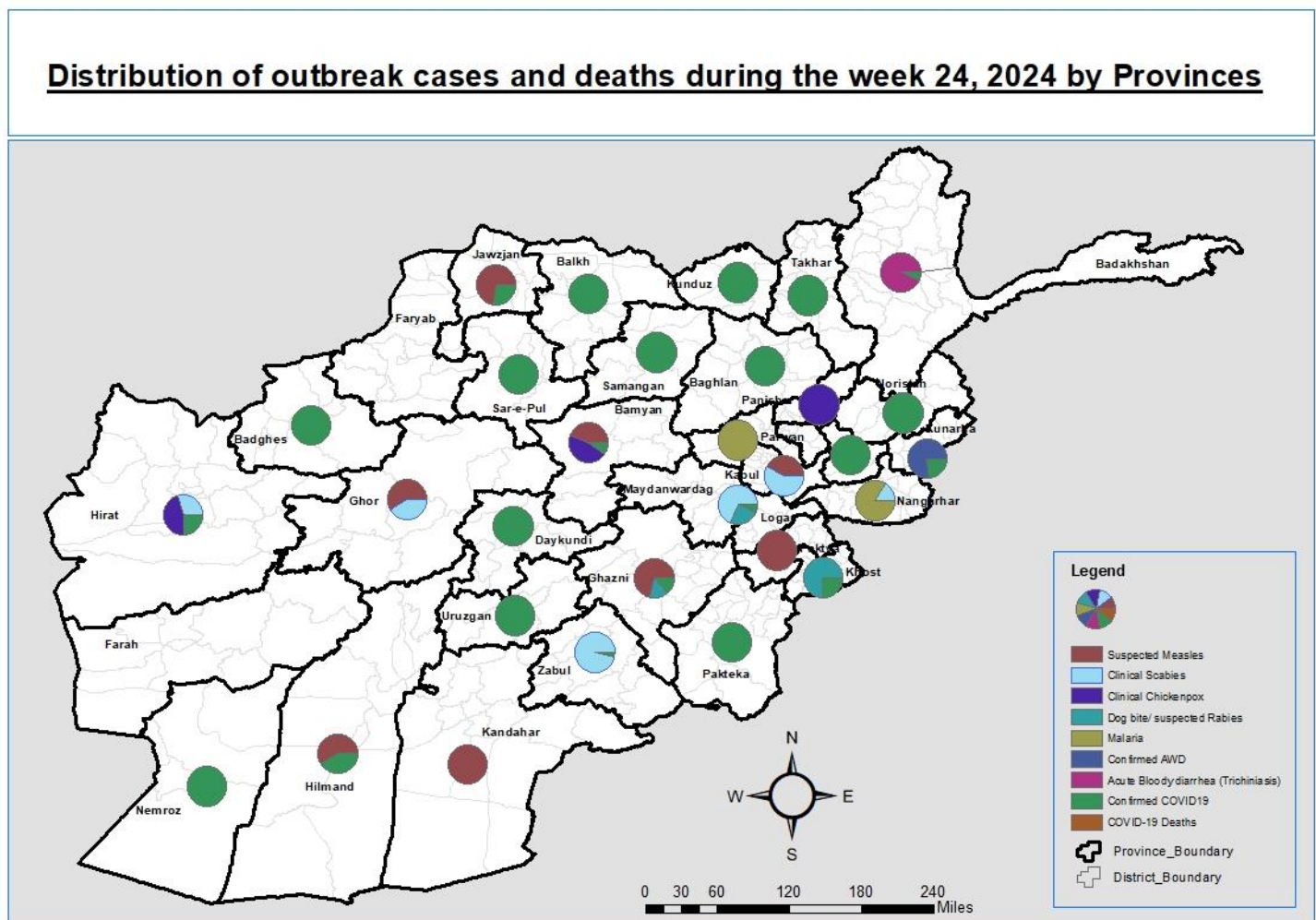


Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 15 June 2024)

Disease/Event	Disease/Event	Lab-Confirm	Total Cases	Total Deaths
Scabies	284	0	10311	0
Measles	282	60	3378	24
Suspected Chickenpox	183	2	3161	0
Dog bites/Suspected Rabies	54	0	424	0
Pertussis	4	0	55	0

Mumps	15	0	428	0
Impetigo	2	0	79	0
Leishmaniasis	4	2	371	0
Pink Eye	3	0	29	0
ARI/Pneumonia	8	0	300	10
Food Poisoning	9	0	143	0
Dengue Fever	2	1	40	0
Typhoid Fever	4	0	96	0
CCHF	2	2	5	2
ARI cough and cold	1	0	55	0
Neonatal Tetanus	2	2	4	1
COVID-19	4	3	213	4
Anthrax	3	0	3	0
Acute Watery Diarrhea + Dehydration	10	10	35	0
Confirmed Malaria	14	14	1847	0
Acute Bloody Diarrhea	1	0	43	0
Grand Total	891	96	21020	41

Laboratory surveillance:

A total of **2011** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **01** specimens were confirmed for Acute Viral Hepatitis, **13** specimens were confirmed for Measles (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 24th 2024, we have received reports from all ten influenza sites (Kabul, Kandahar, Balkh, Herat, Bamyān, Baghlan, Nangarhar, Kapisa, Paktia, and Badakhshan) provinces. Out of all new hospital admissions, 536 (11,2%) Severe Acute Respiratory Infections cases were reported, and 291 (54,2%) were under 5 years old. The proportion of SARI cases decreased compared to weeks 23–2024. 16 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 (44%), Paktya (35%), and Badakhshan (18%). During this week, our field staff collected 30 SARI and 20 ILI specimens, which were then shipped to the NIC in Kabul.

COVID-19 Surveillance activities:

This week, **1830** specimens were tested for the suspected COVID-19. Out of which **130** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 7.1% this week, which decreased 2.2% compared to the previous week.
- Out of **130 confirmed** cases, **244** contacts out of **74** 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 **31,107** passengers have been screened for COVID-19 at the three points of entry in (Kandahar, Herat and Nimroz) 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 decreasing trend (0.1%) 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 **1709 (IBS+EBS)** suspected Measles cases with **06 (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.