

# 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 23<sup>rd</sup>

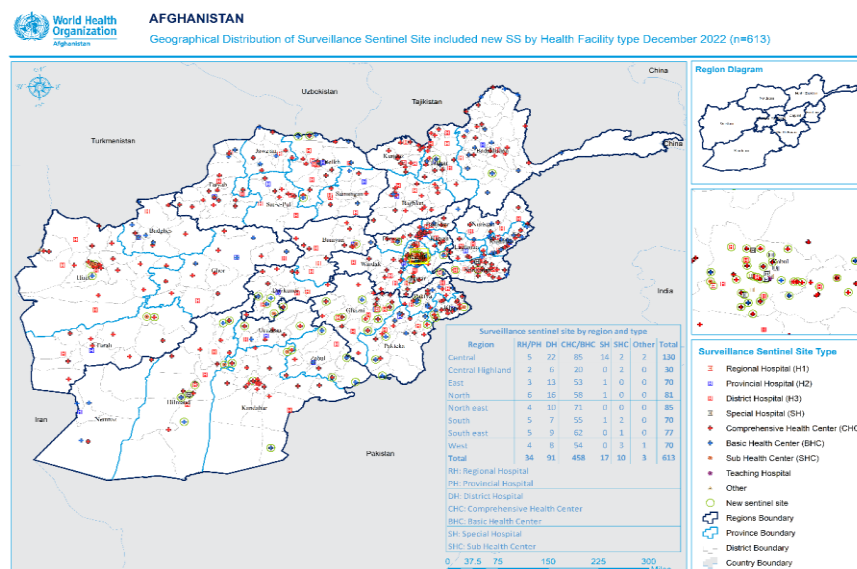
Date: 02 – 08/06/2024

#### Summary:

- Out of **613** functional Surveillance sentinel sites, **611 (99.7%)** have submitted reports this week.
- A total of **730,456** new consultations, of which **260,834 (35.7%)** were due to Surveillance targeted diseases. That included **137,859 (52.9%) males** and **122,975 (47.1%) females**. Also, **123,825 (47.5%)** people under five years old and **137,009 (52.5%)** people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**142,489 = 19.5%** cases out of total new consultations), Acute Diarrheal Diseases (**89,412 = 12.2%** cases out of total new consultations), and Pneumonia (**19,895 = 2.7%** cases out of total new consultations).
- A total of **310** deaths were reported this week, of which **63 (20.3%)** deaths were due to surveillance-targeted diseases, which include **49 ARI Pneumonia** deaths, **05 Suspected Meningitis** deaths, **07 suspected Measles** deaths, **01 Acute Viral Hepatitis** death and **01 Acute Watery Diarrhea with Dehydration** death.
- In addition, during this week, **40** outbreaks were reported: **18 suspected Measles** outbreaks were reported from Baghlan, Balkh, Ghazni, Helmand, Kabul, Kandahar, Saripul, Urozgan, Wardak and Zabul provinces, **12 clinical Scabies** outbreaks were reported from Baghlan, Bamyán, Ghazni, Kabul, Kapisa, Logar, Paktika, Parwan and Wardak provinces, **03 Suspected Chickenpox** outbreaks were reported from Bamyán, Farah and Paktika provinces, **02 Malaria-PV** outbreaks were reported from Nangarhar provinces, **03 Dog bite or suspected Rabies** outbreaks were reported from Kapisa, Paktia and Wardak provinces, **01 AWD** outbreak was reported from Nangarhar province, **01 Cutaneous Leishmania** outbreak was reported from Kabul province.

Moreover, **248** COVID-19 confirmed cases and **1704** suspected Measles cases (IBS) were reported at the national level.

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



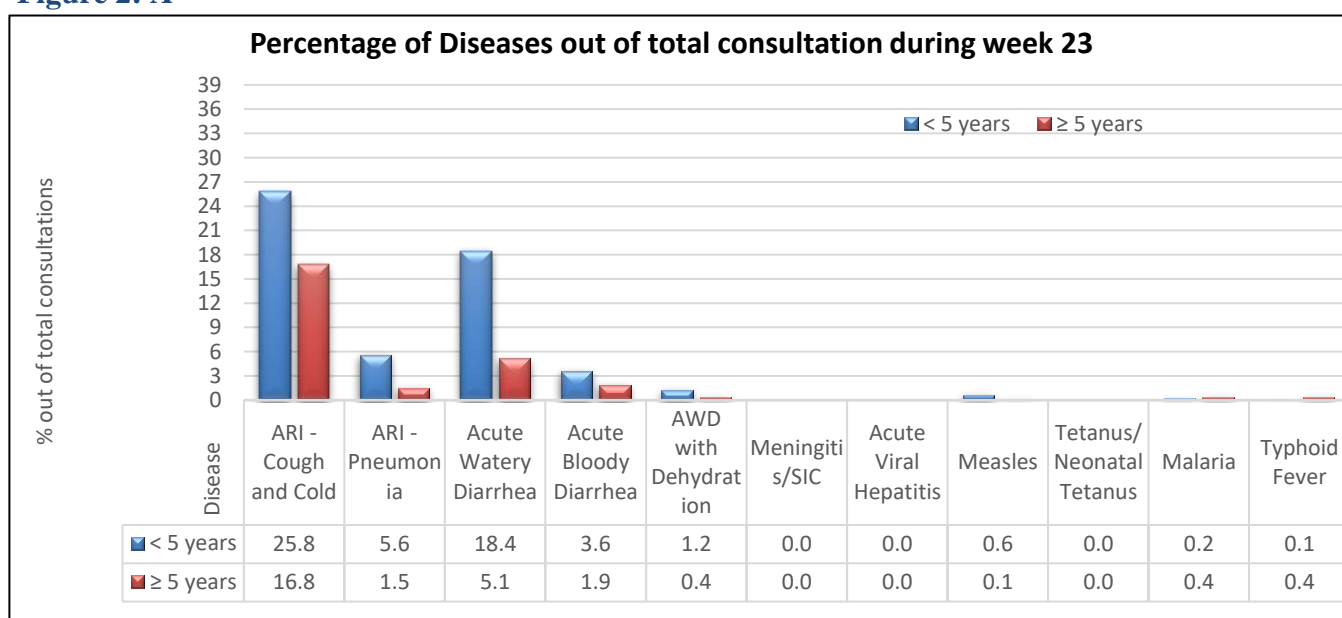
**Table 1: Coverage of NDSR Surveillance System**

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

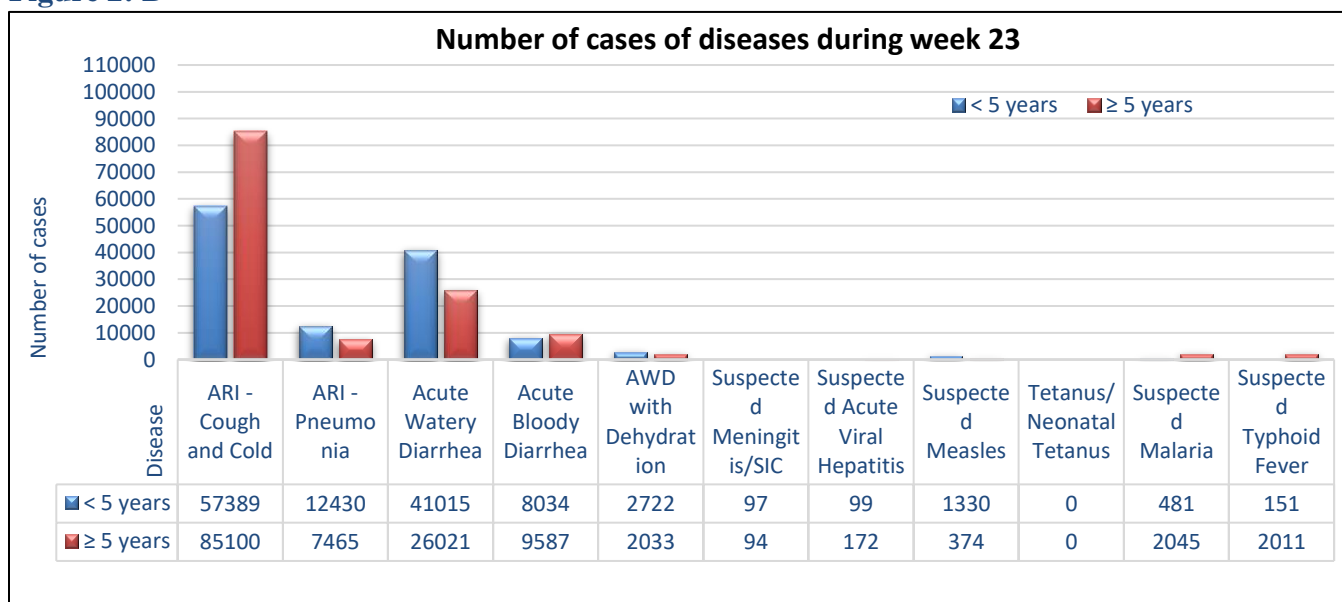
**Indicator – based Surveillance (IBS):**

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.

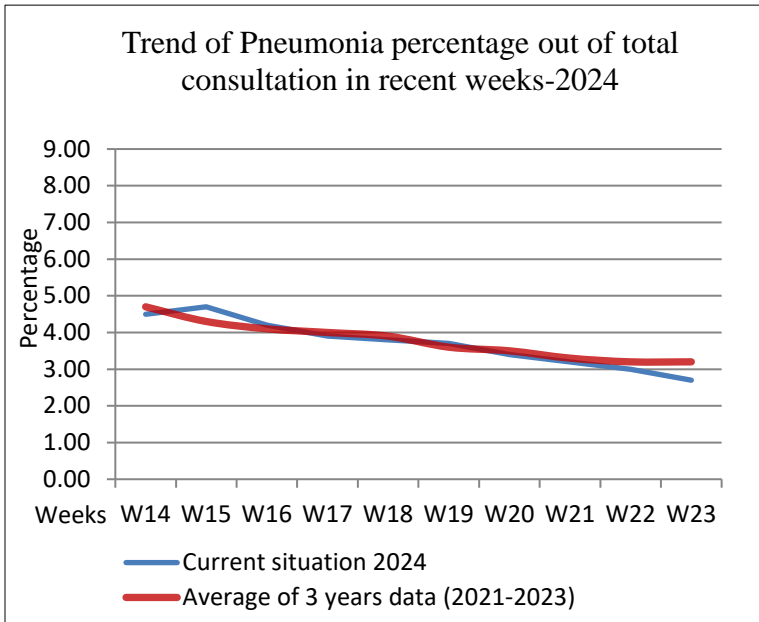
**Figure 2: A**



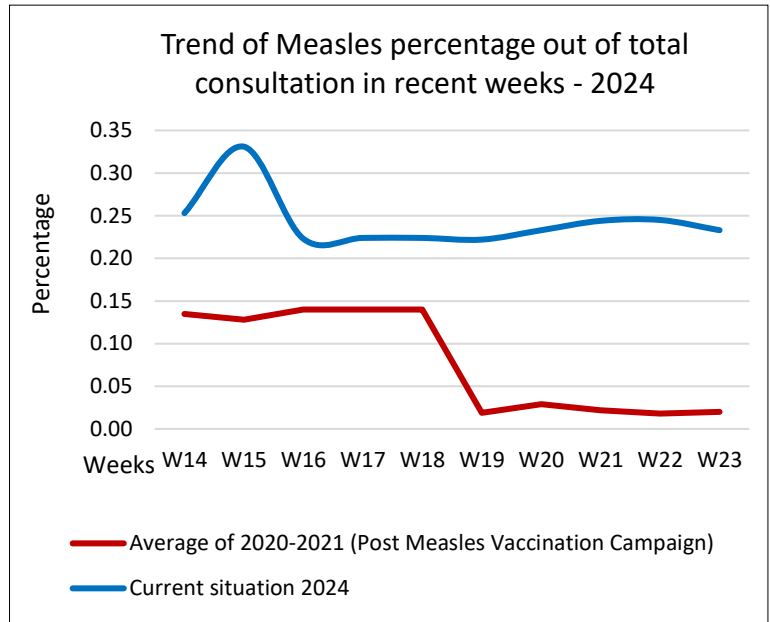
**Figure 2: B**



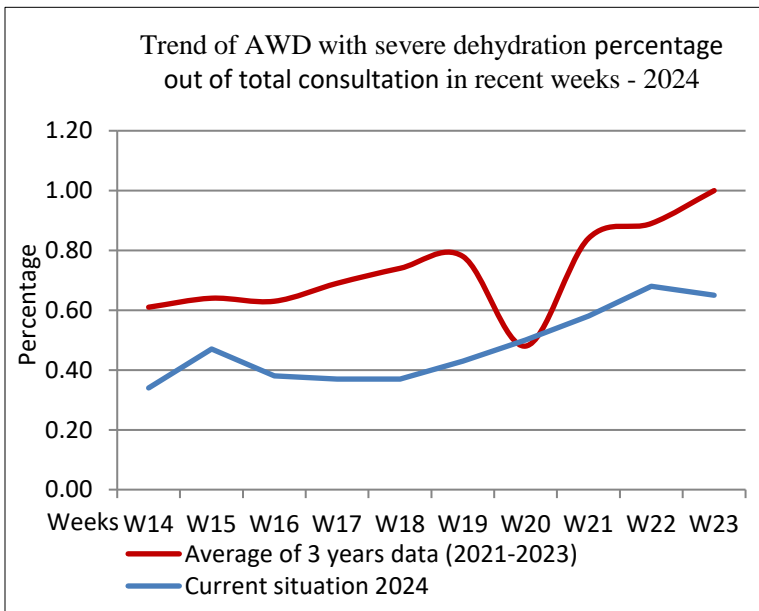
**Seasonal Diseases:**  
**Figure 3: A**



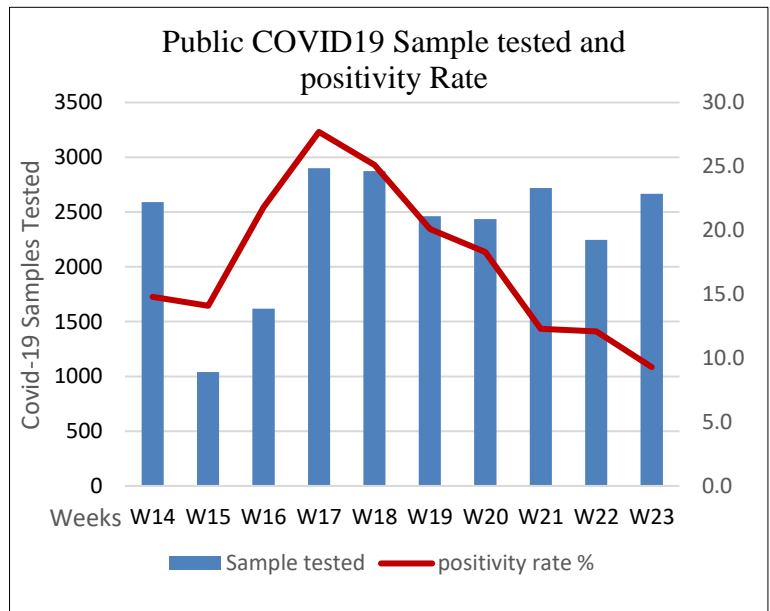
**Figure 3: B**



**Figure 3: C**



**Figure 3: D**

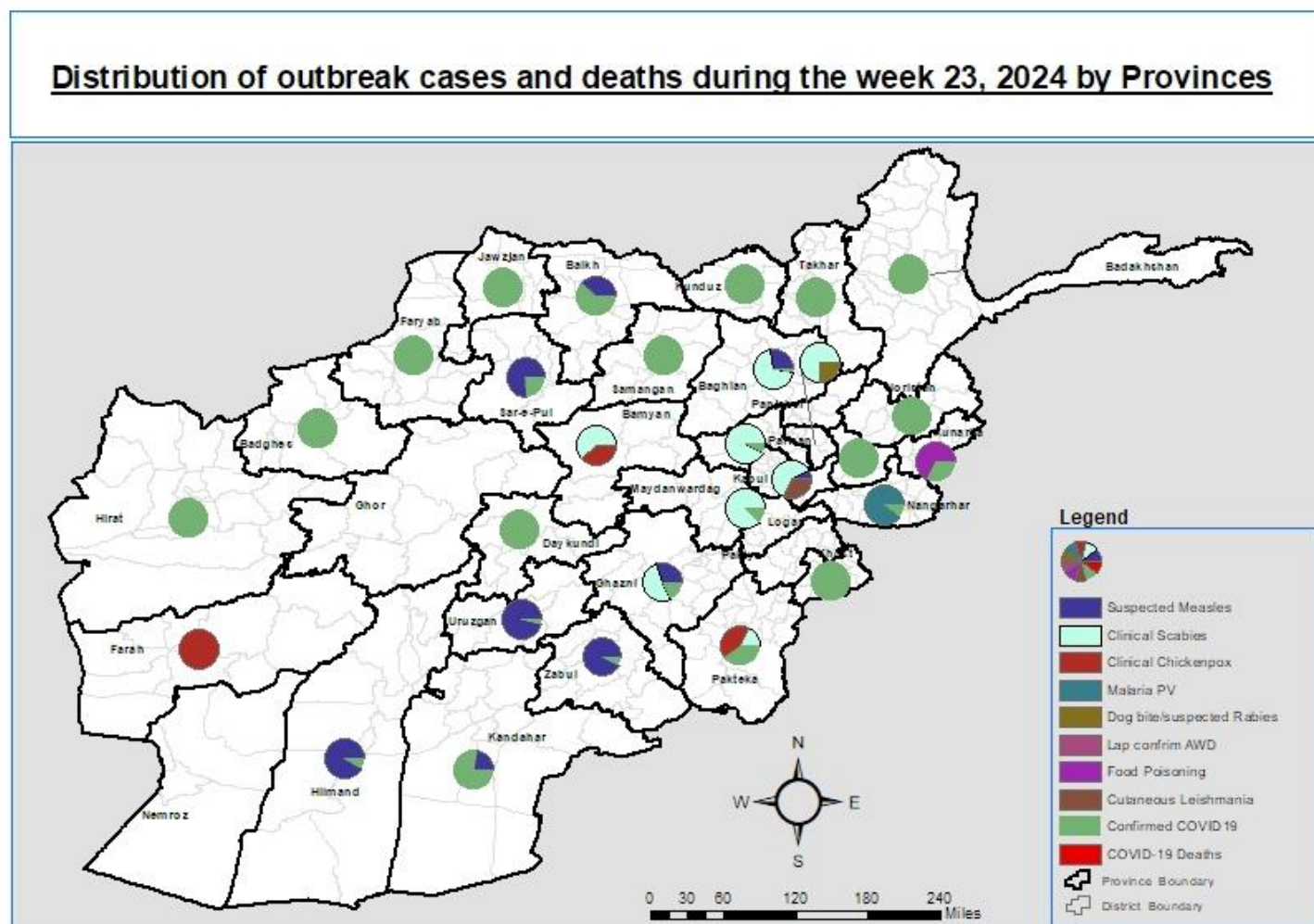


**Table 3: Outbreaks in Week 23<sup>rd</sup> 2024:**

AFGHANISTAN   INFECTIOUS DISEASE OUTBREAKS REPORT   Epidemiological week #23-2024								
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>	04/06/24	Baghlan	Nahreen	Dashte Qazi	11	0	40%	30%
	02/06/24	Balkh	Charbolak	Best Paikal	6	0	86%	81%
	03/06/24	Ghazni	Khogyani	Qalai Surkh	13	0	50%	0%
	04/06/24		Andar	Mohammad Dain Khail	11	0	0%	0%
	03/06/24	Helmand	Garamsir	Zanjir Darab	6	0	75%	10%
	03/06/24		Marjah	Block#-5	10	0	85%	17%
	05/06/24		Sangin	Amarato-Kali	9	0	85%	18%
	08/06/24		Marjah	Ebadullah Qulf Camp	10	0	75%	12%
	02/06/24	Kabul	Deh Sabz	Tarakay	11	0	107%	13%
	07/06/24	Kandahar	Mainashin	Sayed Hosam	14	0	90%	70%
	03/06/24	Saripul	Sayad	Novadar	26	0	70%	75%
	05/06/24		Kohestan at	Day Sorkh	12	0	140%	75%
	01/06/24	Urozgan	Dehrawood	Bibanak	8	0	103%	38%
	04/06/24		Chinarto	Chalabi	11	0	70%	0%
	06/06/24		Dehrawood	Landaino-Kali	12	0	90%	90%
	02/06/24	Wardak	Chak	Shaly	18	0	75%	61%
	04/06/24		Chak	Randa Bik Samand	7	0	70%	59%
	05/06/24	Zabul	Arghnadb	Markhanjack	11	0	64%	0%
<b>Clinical Scabies</b>	05/06/24	Baghlan	Baghlan	Qarasay	28	0	NA	NA
	05/06/24	Bamyan	Kahmard	Mader	48	0	NA	NA
	05/06/24	Ghazni	Center	Plan Char	23	0	NA	NA
	02/06/24	Ghazni	Center	Khashik	19	0	NA	NA
	01/06/24	Kabul	Deh Sabz	Tarakay	54	0	NA	NA
	03/06/24	Kabul	Bagrami	Hussain kheil	28	0	NA	NA
	04/06/24	Kapisa	Nijrab	Qala Chai and Baqur Kahil	28	0	NA	NA

	02/06/24	Logar	Charkh	Pangram	33	0	NA	NA
	02/06/24	Paktika	Urgon	Balish	12	0	NA	NA
	03/06/24	Parwan	Bagram	Shahrak	26	0	NA	NA
	04/06/24	Parwan	Charikar	Madrasa Ghulam Haidar Jailani And Khaled Ben Walid	51	0	NA	NA
	05/06/24	Wardak	Chak	Zol	51	0	NA	NA
<b>Clinical Chickenpox</b>	02/06/24	Bamyan	Bamyan	Lado Paien	30	0	NA	NA
	05/06/24	Farah	Anaar Darah	Zihkan	19	0	NA	NA
	06/06/24	Paktika	Sharan	Darulyata Madrasa Sharak	30	0	NA	NA
<b>Malaria-PV</b>	03/06/24	Nangarhar	Goshta	Goshta	131	0	NA	NA
	05/06/24		Agam	Agam DH	362	0	NA	NA
<b>Dog bite or Suspected Rabies</b>	01/06/24	Kapisa	Tagab	Adizay	9	0	NA	NA
	02/06/24	Paktia	Dand-e-Pathan	Sayed Shah Gul village	9	0	NA	NA
	03/06/24	Wardak	Nerkh	Tay timor	6	0	NA	NA
<b>Confirm AWD</b>	06/06/24	Nangarhar	Rodat	Tawhidabad Shahidano Mena	1	0	NA	NA
<b>Cutaneous Leishmania</b>	01/06/24	Kabul	Deh Sabz	Tarakay	45	0	NA	NA

**Figure 4:** Suspected Measles, Clinical Scabies, Clinical Chickenpox, Malaria-PV, Lab Confirm AWD, Dog bite/suspected Rabies, cutaneous Leishmania, COVID-19 cases, and deaths during the week 23<sup>rd</sup> 2024.



**Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 08 June 2024)**

Disease/Event	Disease/Event	Lab-Confirm	Total Cases	Total Deaths
Scabies	278	0	10145	0
Measles	270	60	3217	24
Suspected Chickenpox	179	2	3095	0
Dog bites/Suspected Rabies	51	0	402	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	9	9	19	0
Confirmed Malaria	12	12	1620	0
<b>Grand Total</b>	<b>862</b>	<b>93</b>	<b>20319</b>	<b>41</b>

### Laboratory surveillance:

A total of **4599** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **08** specimens were confirmed for Acute Viral Hepatitis, **119** specimens were confirmed for Measles and **44** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

### Influenza Surveillance activities:

In Epidemiological Week 23<sup>rd</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, 575 (11,8%) Severe Acute Respiratory Infections cases were reported, and 320 (55,6%) were under 5 years old. The proportion of SARI cases decreased compared to weeks 22–2024. 22 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 (42%), Paktya (36%), and Badakhshan (24%). 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, **2668** specimens were tested for the suspected COVID-19. Out of which **248** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 9.3% this week, which decreased 2.8% compared to the previous week.
- Out of **248 confirmed** cases, **330** contacts out of **78** 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 **51,588** passengers have been screened for COVID-19 at the four points of entry in (Kandahar, Herat, Nangarhar 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 (1.0%) compared to the previous week.
- Pneumonia cases are on the decreasing trend (0.3%) compared to the previous week.
- Diarrheal diseases are on the increasing trend (0.7%) 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 **1910 (IBS+EBS)** suspected Measles cases with **07 (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.