

# 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 19<sup>th</sup>

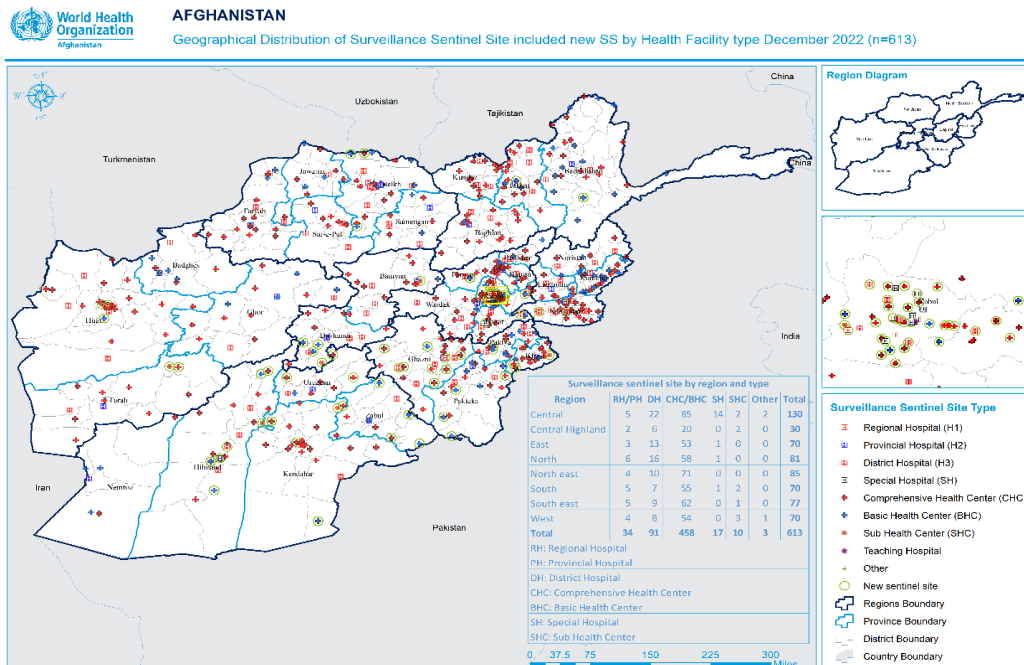
Date: 05 – 11/05 - 2024

#### Summary:

- Out of **613** functional Surveillance sentinel sites, **610 (99.5%)** have submitted reports this week.
- A total of **728,197** new consultations, of which **262,290 (36%)** were due to Surveillance targeted diseases. That included **139,858 (53.3%) males** and **122,432 (46.7%) females**. Also, **124,461 (47.5%)** people under five years old and **137,729 (52.5%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**164,944 = 22.7%** cases out of total new consultations), Acute Diarrheal Diseases (**63,295 = 8.7%** cases out of total new consultations), and Pneumonia (**26,585 = 3.7%** cases out of total new consultations).
- A total of **305** deaths were reported this week, of which **65 (21.3%)** deaths were due to surveillance-targeted diseases, which include **47 ARI Pneumonia** deaths, **05 Suspected Meningitis** deaths, **05 suspected Measles** deaths, **03 Acute Viral Hepatitis** deaths and **04 Acute Watery Diarrhea with Dehydration** deaths and **01 suspected COVID-19** death.
- In addition, during this week, **47** outbreaks were reported: **19 clinical Scabies** outbreaks were reported from Balkh, Ghazni, Helmand, Herat, Jawzjan, Kabul, Kapisa, Laghman, Nangarhar, Paktika, Panjshir, Saripul, Takhar and Wardak provinces, **17 suspected Measles** outbreaks were reported from Bاميان, Ghazni, Helmand, Kabul, Khost, Paktia, Parwan, Takhar, Urozgan and Wardak provinces, **02 Clinical Chickenpox** outbreaks were reported from Herat and Paktia provinces, **02 Dog bite/ suspected Rabies** outbreaks were reported from Ghazni and Kandahar provinces, **02 Malaria** outbreaks were reported from Kunar and Nuristan provinces, **01 AWD** outbreak was reported from Nimroz province, **01 CCHF** outbreak was reported from Kabul province, **01 Clinical Typhoid Fever** outbreak was reported Kunduz province, **01 COVID-19** outbreak was reported from Kabul province and **01 Suspected Pneumonia** outbreak was reported from Paktia province.

Moreover, **495** COVID-19 confirmed cases and **1604** suspected Measles cases (IBS) were reported at the national level.

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



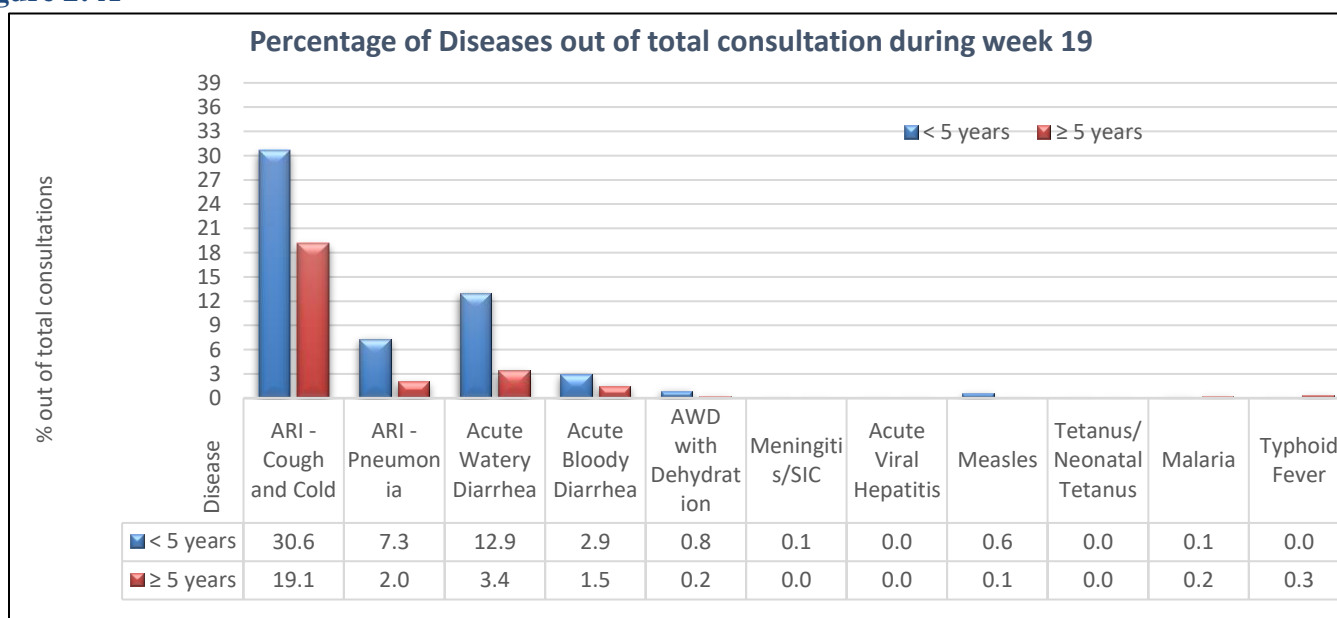
**Table 1: Coverage of NDSR Surveillance System**

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

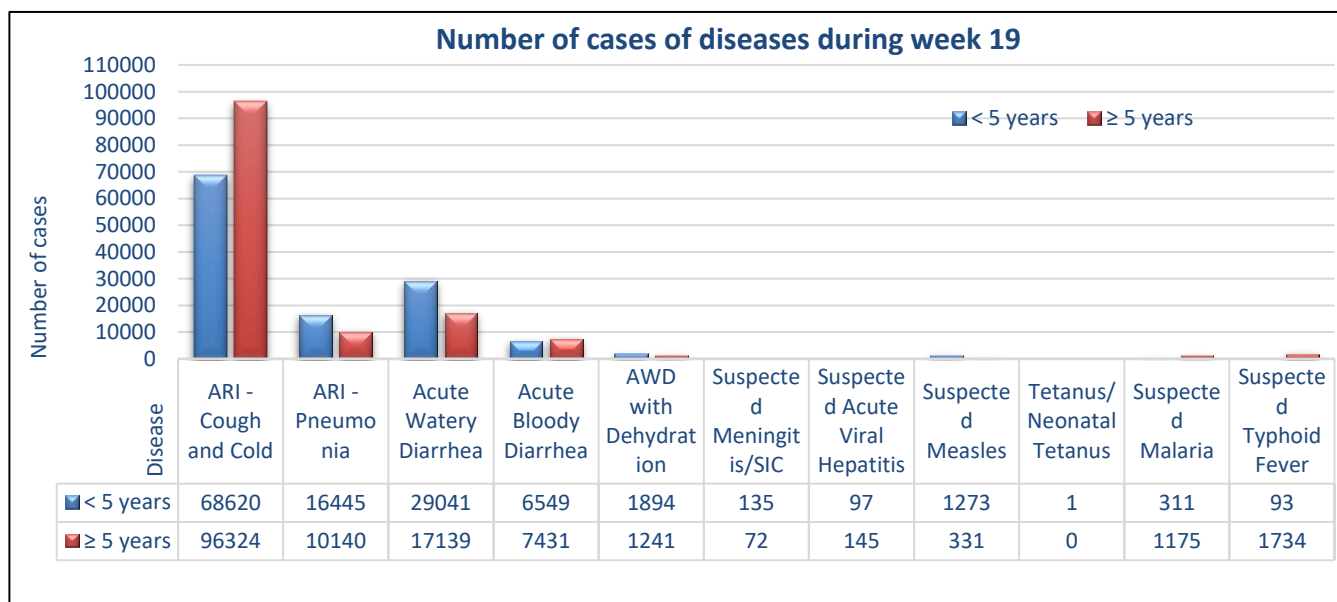
**Indicator – based Surveillance (IBS):**

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**

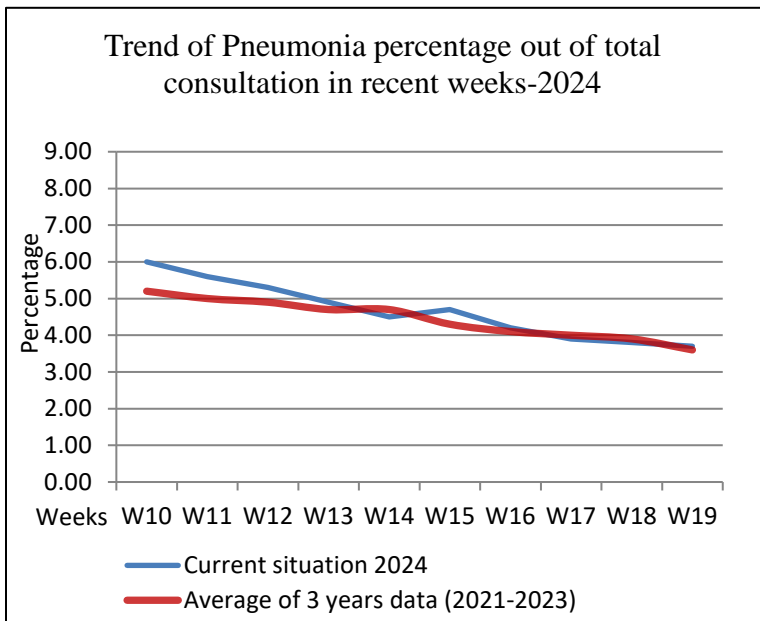


**Figure 2: B**

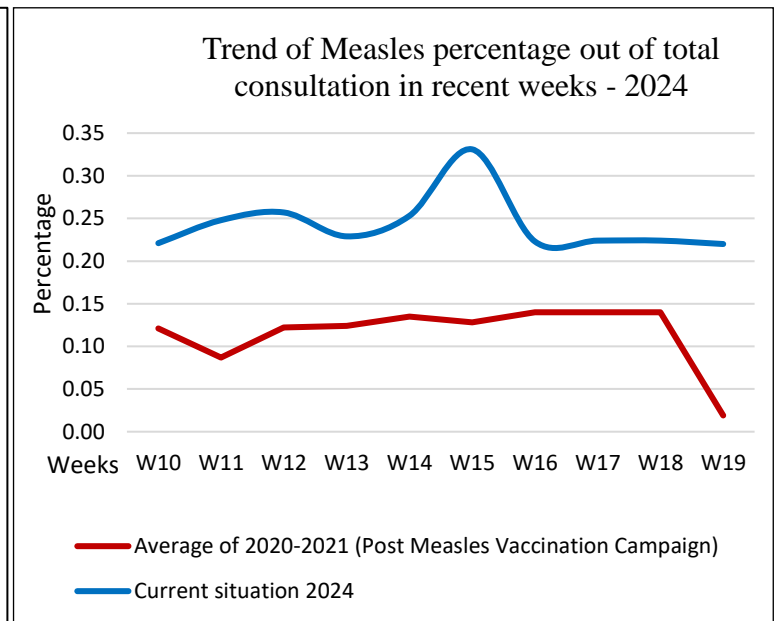


Seasonal Diseases:

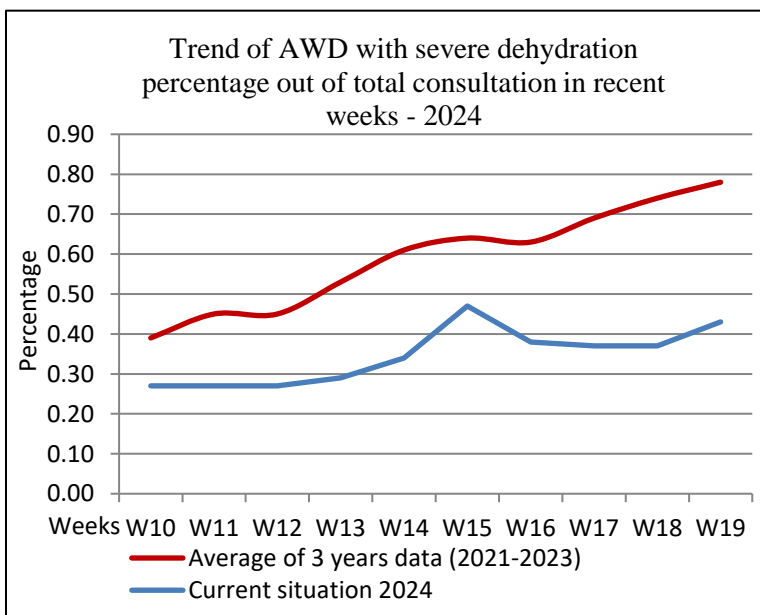
**Figure 3: A**



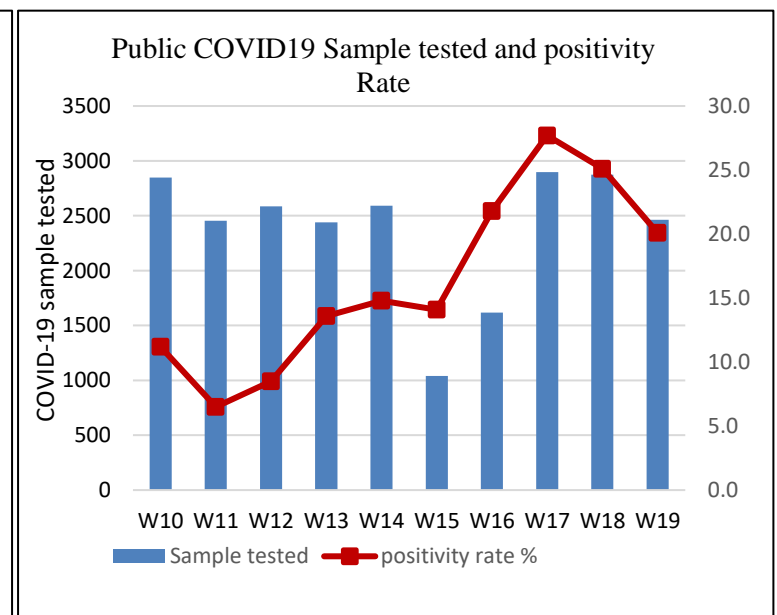
**Figure 3: B**



**Figure 3: C**



**Figure 3: D**



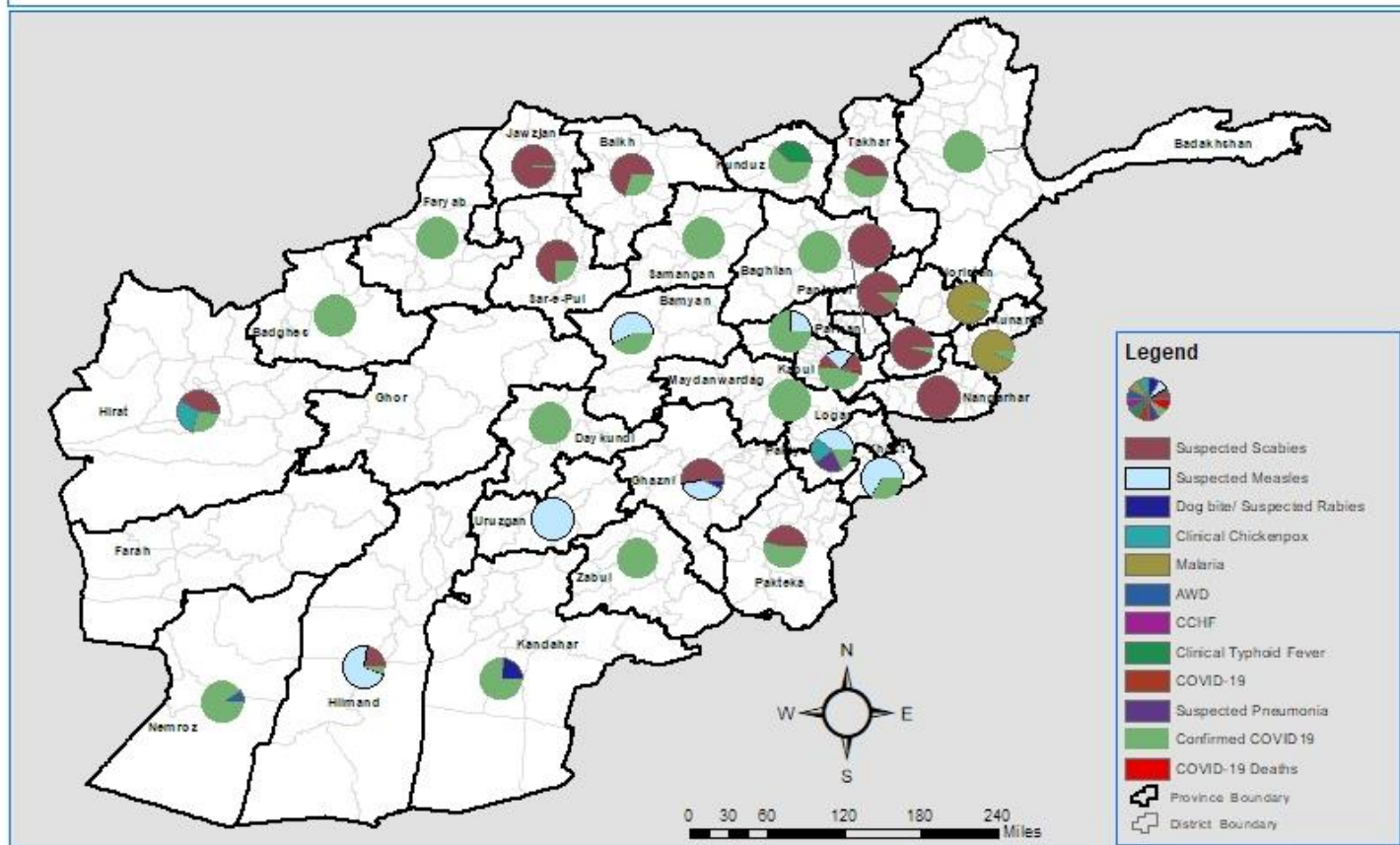
**Table 3: Outbreaks in Week 19<sup>th</sup> 2024:**

AFGHANISTAN   INFECTIOUS DISEASE OUTBREAKS REPORT   Epidemiological week # 19-2024								
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	04/5/24	Balkh	Chahi	Qazan-E-Arigh	87	0	NA	NA
	09/5/24	Ghazni	Center	Deh Khodai Dad	34	0	NA	NA
	11/5/24	Helmand	Nahri-Saraj	Char-Gull Pump	8	0	NA	NA
	11/5/24	Herat	Injil	Pole Salar	32	0	NA	NA
	06/5/24	Jawzjan	Mengajek	Haroon2	196	0	NA	NA
	08/5/24	Kabul	16	Alokheil	13	0	NA	NA
	06/5/24	Kapisa	Nijrab	Badakhashi	15	0	NA	NA
	07/5/24		Tagab	Tatar Khail	8	0	NA	NA
	04/5/24	Laghman	Qarghaee	Zerany	131	0	NA	NA
	06/5/24		Alingar	Haroonkhil Madrassa, Sangar	122	0	NA	NA
	05/5/24	Nangarhar	Agam	Landakhil High School	61	0	NA	NA
	06/5/24		Khiwa	Ghafaria Madrasa Budialy	74	0	NA	NA
	09/5/24		Speenghar	Karkani	133	0	NA	NA
	05/5/24	Paktika	Mata Khan	Shakariz	11	0	NA	NA
	07/5/24	Panjshir	Hisa Awal	Dashtak	9	0	NA	NA
	08/5/24		Paryan	Jeshta	30	0	NA	NA
	08/5/24	Saripul	Saripul	Gor Tapa	60	0	NA	NA
	07/5/24	Takhar	Taloqan	Motar Sukhta-Qolbars	13	0	NA	NA
	08/5/24	Wardak	Nerkh	Nerkh	88	0	NA	NA
Suspected Measles	07/5/24	Bamyan	Shebar	Tonali, Masjid Jame, Qobi, Kode, Sibak And Sarbulaq	16	0	70%	70%
	04/5/24	Ghazni	Andar	Joy 6 & Ali Jan	25	0	70%	0%
	06/5/24	Helmand	Nahri-Saraj	Grishk 70 Gazi	8	0	85%	20%

	06/5/24		Lashkargha	Safian Haji Mosa Masjid	7	0	95%	50%
	11/5/24		Garamsir	Kharooto Wakil Zahir	12	0	85%	20%
	07/5/24	Kabul	19	Pule Charkhi	13	0	57%	25%
	08/5/24		16	Qala E Zaman Khan	7	0	142%	60%
	06/5/24	Khost	Ismail Khel Mandozai	Kandi Kali	25	0	80%	37%
	08/5/24	Paktia	Gardez	Chawni Naw Abad	8	0	80%	10%
	05/5/24		Zurmat	Sorkay	19	0	80%	30%
	05/5/24	Parwan	Shinwari	Gahwarasang	6	0	80%	62%
	08/5/24	Takhar	Eshkamish	Chashmai Mahian	5	0	95%	50%
	05/5/24	Urozgan	Chinarto	Sorkh-Sang	11	0	75%	0%
	10/5/24		Khas-Urozgan	Shikha	17	0	99%	11%
	07/5/24	Wardak	Maidan Shar	De Afghanan	10	0	70%	65%
	08/5/24		Chak	Modo	8	0	78%	65%
	08/5/24		Saidabad	Musakhil	9	0	70%	55%
<b>Dog bite/ suspected Rabies</b>	04/5/24	Ghazni	Andar	Malangi	5	0	NA	NA
	11/5/24	Kandahar	Kandahar City	Merwise Nika School	10	0	NA	NA
<b>Clinical Chickenpox</b>	05/5/24	Herat	Injil	Eshaq Zai	23	0	NA	NA
	09/5/24	Paktia	Gardez	Kochyano	14	0	NA	NA
<b>Malaria</b>	08/5/24	Kunar	Ghaziabad	Nishagam CHC Catchment Area	115	0	NA	NA
	04/5/24	Nuristan	Douab	Doab DH Catchment Area	207	0	NA	NA
<b>AWD</b>	05/2/24	Nimroz	Del Aram	Shakor Kharadi	1	0	NA	NA
<b>CCHF</b>	11/5/24	Kabul	3 & 21	Karte Sakhi & Pule Charkhi	3	0	NA	NA
<b>Clinical Typhoid Fever</b>	09/5/24	Kunduz	Emam Sahib	Naghma Bazar	17	0	NA	NA
<b>Covid-19</b>	04/5/24	Kabul	12	Qala E Shanana	7	0	NA	NA
<b>Suspected Pneumonia</b>	05/5/24	Paktia	Gardez	Baladah	16	0	NA	NA

**Figure 4:** Clinical Scabies, Suspected Measles, Dog bite/ Suspected Rabies, Clinical Chickenpox, Malaria, AWD, CCHF, Clinical Typhoid Fever, Suspected Pneumonia, COVID-19 cases, and deaths during the week 19<sup>th</sup> 2024.

## Distribution of outbreak cases and deaths during the week 19, 2024 by Provinces



**Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 11 May 2024)**

Disease/Event	Disease/Event	Lab-Confirm	Total Cases	Total Deaths
Scabies	215	0	7700	0
Measles	213	56	2564	23
Suspected Chickenpox	158	2	2654	0
Dog bites/Suspected Rabies	42	0	328	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	8	0	300	10
Food Poisoning	7	0	72	0
Dengue Fever	1	1	38	0
Typhoid Fever	3	0	72	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	1	1	1	0
Confirmed Malaria	2	0	322	0
<b>Grand Total</b>	<b>688</b>	<b>69</b>	<b>15226</b>	<b>40</b>

### Laboratory surveillance:

A total of **4876** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **20** specimens were confirmed for Acute Viral Hepatitis, **207** specimens were confirmed for Measles, and **19** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

### Influenza Surveillance activities:

In Epidemiological week 19<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, 634(13.0%) Severe Acute Respiratory Infections cases were reported and 55% were under 5 years old. The proportion of SARI cases decreased compared to week 18<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 (44.0%), Paktia (40.0%), and Kapisa (23.0%) 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, **4667** specimens were tested for suspected COVID-19. Out of which **495** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 10.6% this week, which decreased 16.2% compared to the previous week.
- Out of **495 confirmed** cases, **1017** contacts out of **270** 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 **17016** passengers have been screened for COVID-19 at the two points of entry in (Kandahar and Herat) 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 (0.1%) 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 **1810 (IBS+EBS)** suspected Measles cases with **05 (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.