

# Ministry of Public Health

## Monitoring Evaluation & Health Information System GD

### Diseases Surveillance Department

وزارت صحت عامه

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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 07<sup>th</sup>

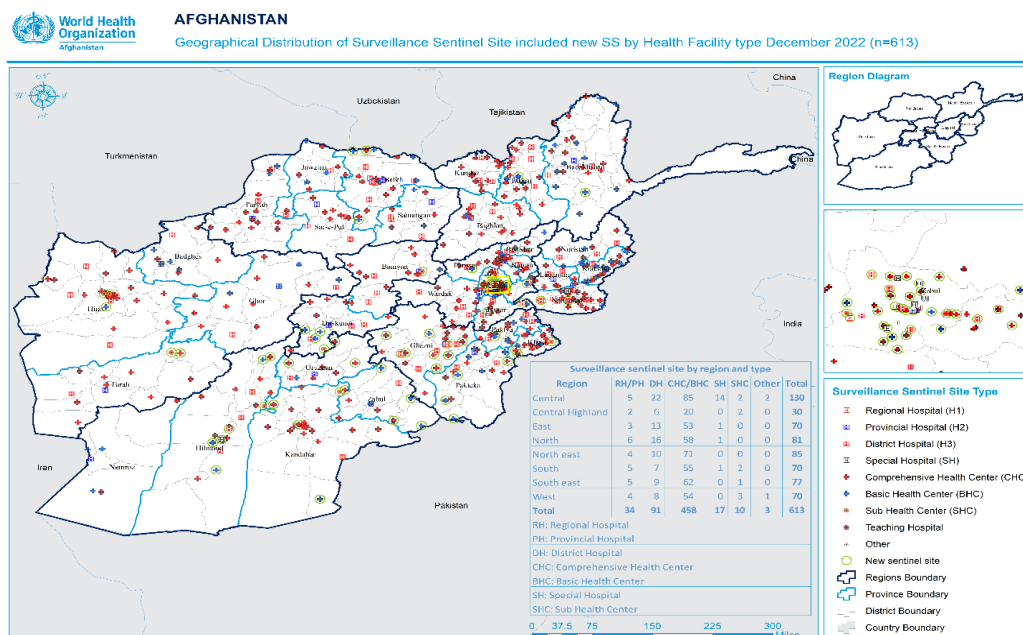
Date: 11 - 17 /02 - 2024

### Summary:

- Out of **613** functional Surveillance sentinel sites, **613 (100%)** have submitted reports this week.
- A total of **698,810** new consultations, of which **275,047 (39.4%)** were due to Surveillance targeted diseases. That included **144,467 (52.5%) males** and **130,580 (47.5%) females**. Also, **127,878 (46.5%)** people under five years old and **147,169 (53.5%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**193,229 = 27.7%** cases out of total new consultations), Acute Diarrheal Diseases (**34,295 = 4.9%** cases out of total new consultations), and Pneumonia (**41,874= 6.0%** cases out of total new consultations).
- A total of **363** deaths were reported this week, of which **115 (31.7%)** deaths were due to surveillance-targeted diseases, which include **92 ARI Pneumonia** deaths, **11 Suspected Meningitis** deaths, **03 Acute Viral Hepatitis** deaths, **06 suspected Measles** deaths, **01 Acute Watery Diarrhea with Dehydration** death, **01 Suspected Hemorrhagic Fever** death, and **01 Tetanus/Neonatal Tetanus** death.
- In addition, during this week, **57** outbreaks were reported: **20 Suspected Measles** outbreaks were reported from Badghis, Bamyan, Farah, Ghor, Helmand, Jawzjan, Kabul, Kandahar, Kunar, Nangarhar, Paktia, Paktika, Urozgan and Zabul provinces, **19 Clinical Scabies** were reported from Farah, Ghazni, Helmand, Jawzjan, Kabul, Kapisa, Kunar, Kunduz, Logar, Panjshir, Parwan, Urozgan and Wardak provinces, **14 Clinical Chickenpox** were reported from Balkh, Bamyan, Daykundi, Kabul, Kunduz, Laghman, Logar and Panjshir provinces, **03 Dog bite/ suspected Rabies** were reported from Kapisa, Kabul and Takhar provinces and **01 Clinical Mumps** was reported from Daykundi province.

Moreover, **211** COVID-19 confirmed cases and **1118** suspected Measles cases (IBS) were reported at the national level.

### Figure 1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2024



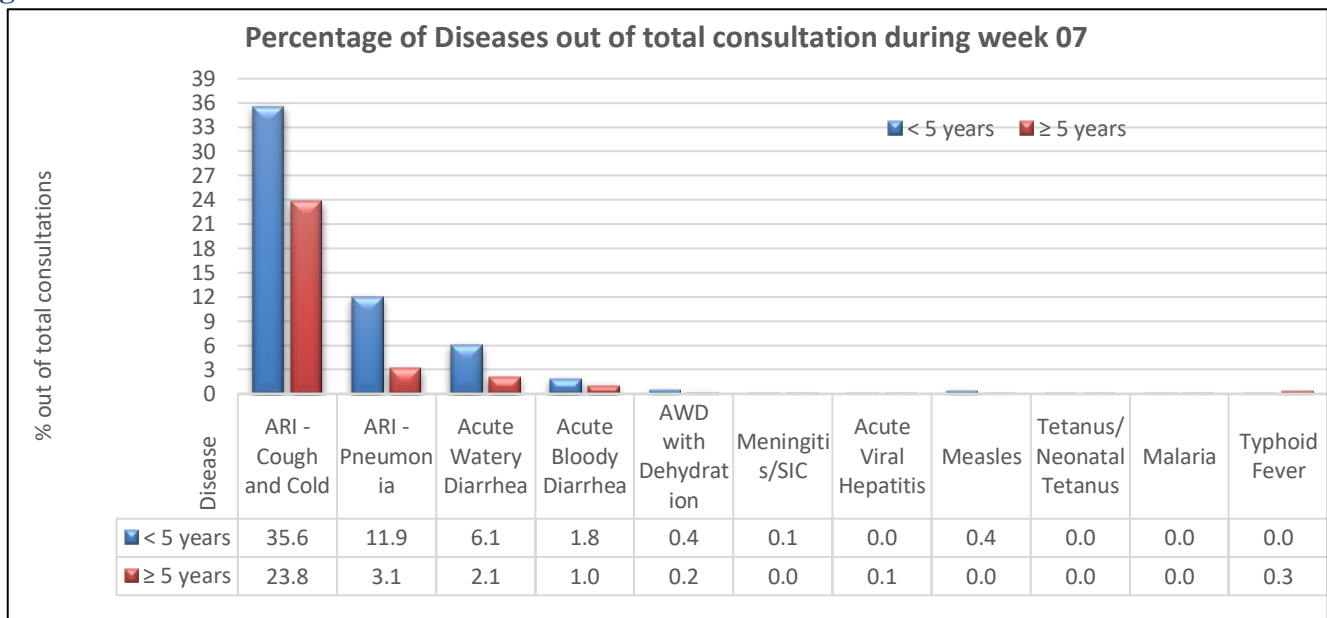
**Table 1: Coverage of NDSR Surveillance System**

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

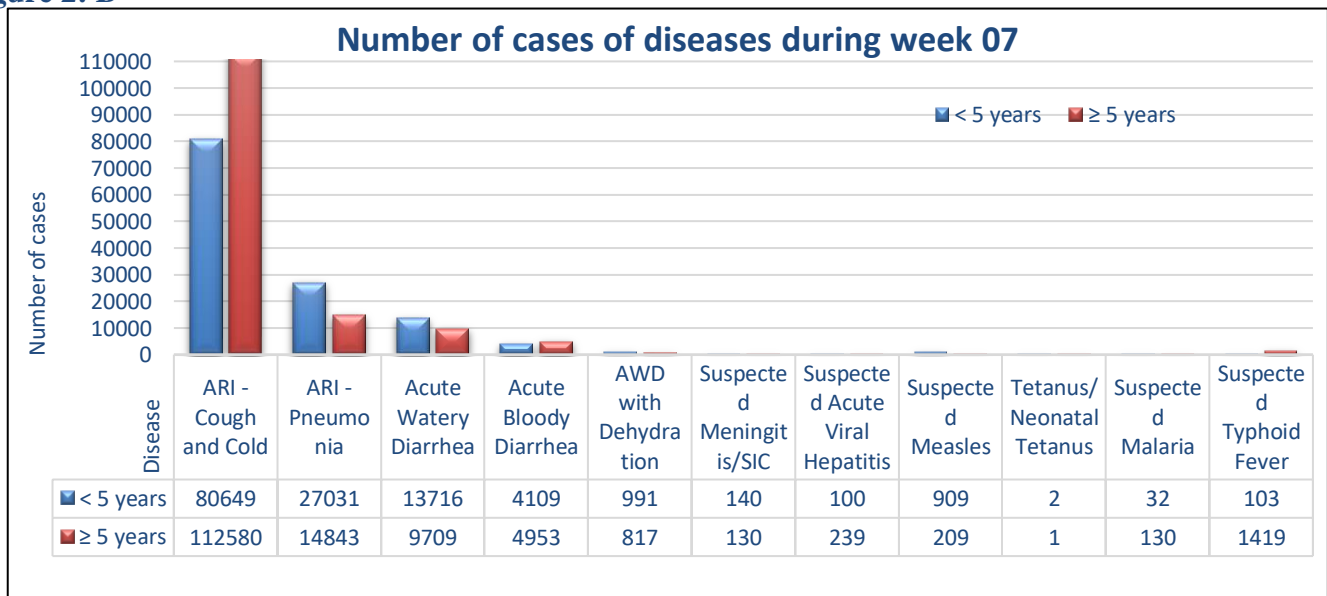
**Indicator - based Surveillance (IBS):**

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

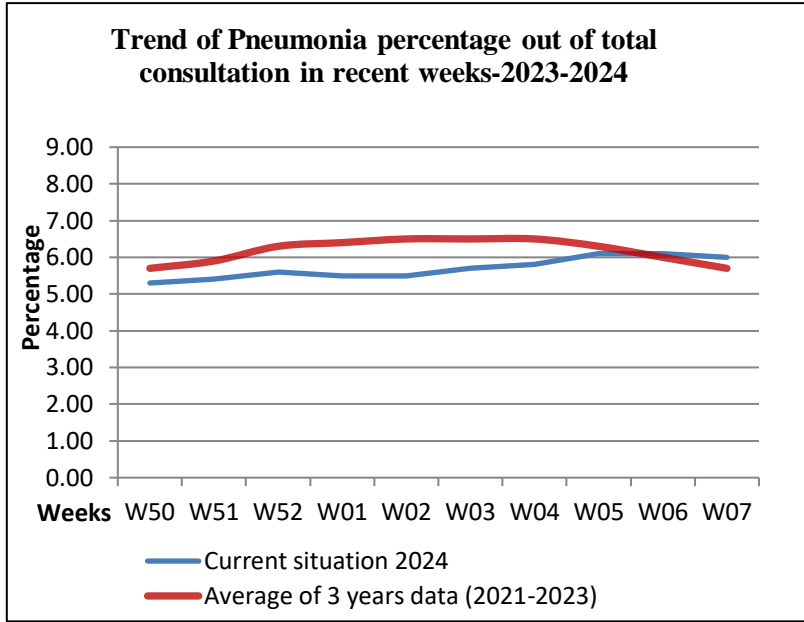


Figure 3: B

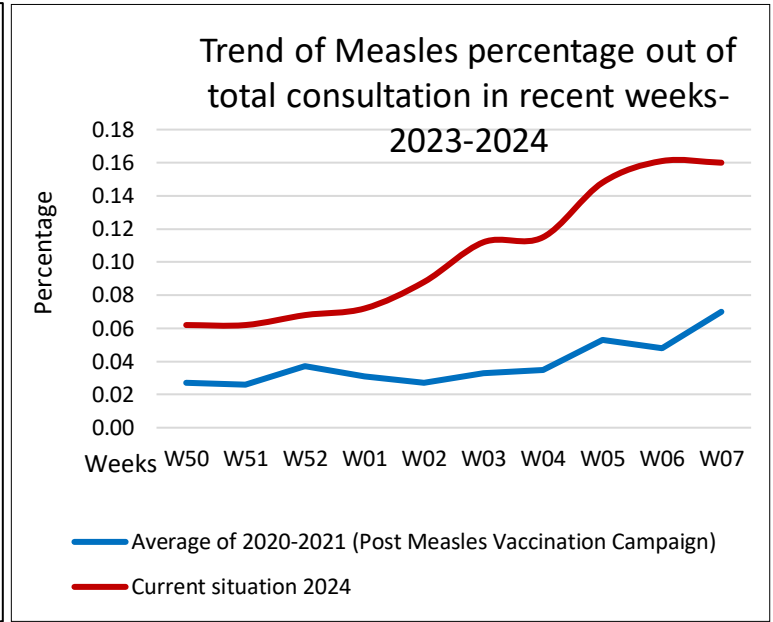


Figure 3: C

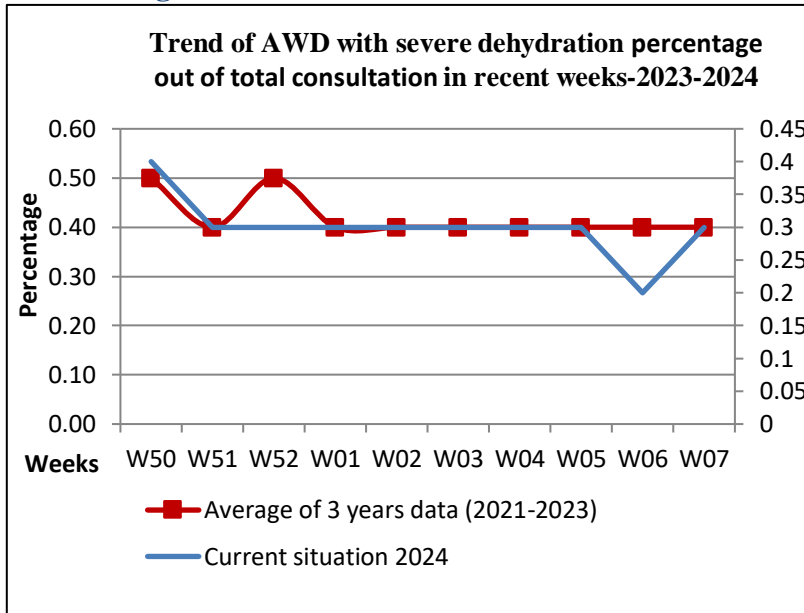
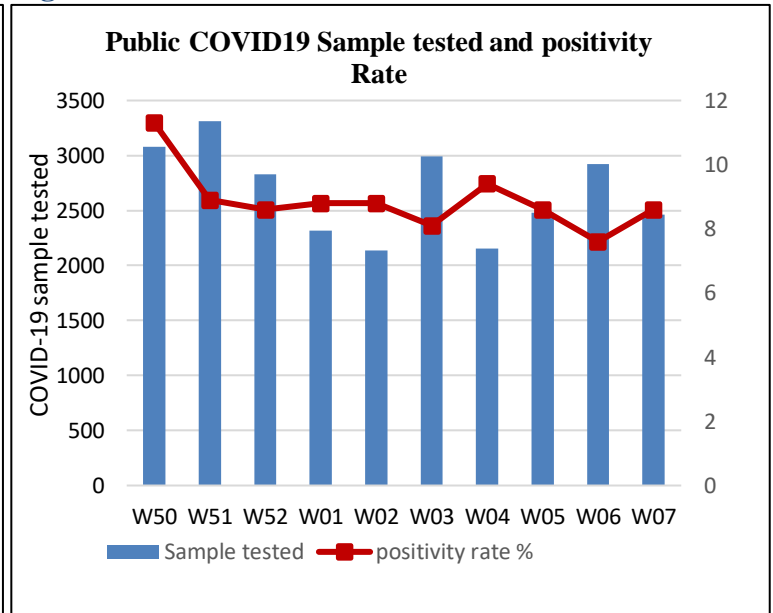


Figure 3: D



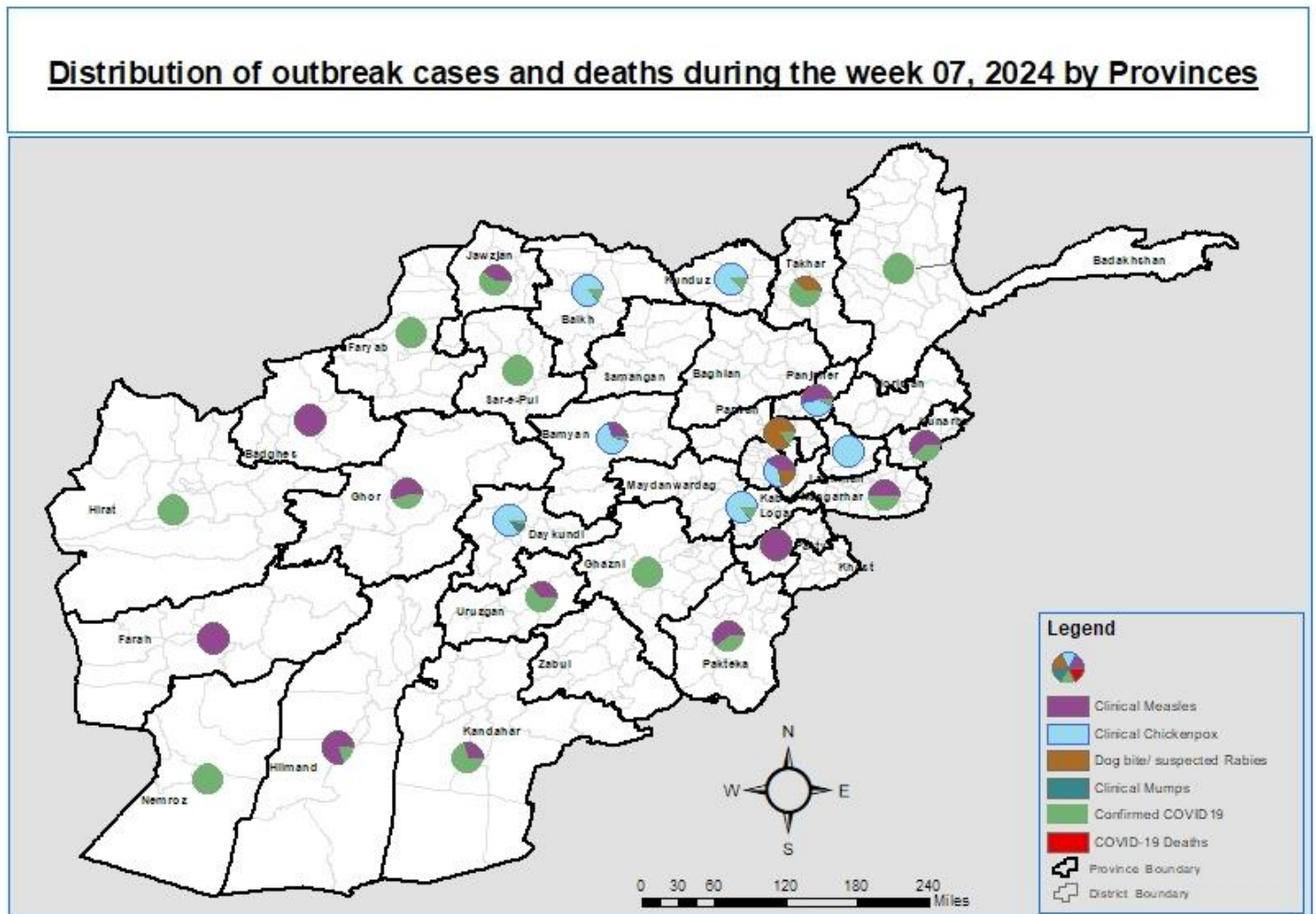
**Table 3: Outbreaks in Week 07<sup>th</sup> 2024:**

AFGHANISTAN   INFECTIOUS DISEASE OUTBREAKS REPORT   Epidemiological week # 07-2024								
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	09-02-24	Badghis	Moqur	Jama Khan, Akhonzada	14	0	33%	0%
	11-02-24	Bamyan	Panjab	Gharghara, Nawa, Paiguli	22	0	87%	87%
	10-02-24		Panjab	House Mahmood	17	0	85%	85%
	11-02-24	Farah	Bala Bolook	Kham Togay	19	0	0%	0%
	13-02-24		Push-E-Raod	Madegan	19	0	69%	11%
	10-02-24	Ghor	Moghab	Gulirang	9	0	75%	30%
	14-02-24	Helmand	Nahri-Saraj	Saifullah Masjid	10	0	82%	65%
	15-02-24		Nawa	Haji Nik Nazar Kali	15	0	75%	45%
	11-02-24	Jawzjan	Sheberghan	Baba Ali	8	0	70	100%
	12-02-24	Kabul	8	Bini Hesar	5	0	150%	85%
	14-02-24	Kandahar	Kandahar City	Abdul Salam Masjid/ 09 Sub-District	6	0	54%	0%
	12-02-24	Kunar	Watapoor	Ludam Village	8	0	98%	96%
	12-02-24	Nangarhar	Jalalabad	Malak Fahim 6 <sup>th</sup> district Zone	6	0	100%	70%
	13-02-24		Mahmandara	Bawar Ghundi	16	0	100%	42%
	12-02-24	Paktia	Gardez	Haleem Qala	19	0	80%	50%
	10-02-24	Paktika	Gomal	Ziawadin	9	0	0%	0%
	16-02-24	Urozgan	Dehrawood	Imranzai	12	0	30%	25%
	16-02-24		Khas-Urozgan	Kargho	15	0	113%	73%
	15-02-24		Tarin-Kot	Chapa Khak	18	0	84%	80%
	12-02-24	Zabul	Dayo-Chopan	Mula Zakir Masjid	9	0	90%	53%
Clinical Scabies	10-02-24	Bamyan	Center	Sayed Abad	7	0	Na	Na
	10-02-24	Farah	Farah City	6 <sup>th</sup> district	16	0	NA	NA

11-02-24	Ghazni	Khogyani	Qalai Surkh	23	0	NA	NA	
14-02-24		Khojaomari	Bakawool	25	0	NA	NA	
13-02-24	Helmand	Lashkargha	Abdul Salam Masjid	18	0	NA	NA	
13-02-24	Jawzjan	Sheberghan	Shaikh Abad	11	0	0	N/A	
10-02-24	Kabul	6	3 Rahi Alauddin	7	0	NA	NA	
10-02-24		9	Hazar Gul Mina - Hoodkheil	10	0	NA	NA	
08-02-24		Musahi	Shadkhana	6	0	NA	NA	
11-02-24	Kapisa	Nijrab	Roza Khail	13	0	N/A	N/A	
13-02-24	Kunar	Dara-E-Epach	Jamiah Talimulislam Madrssa, Hafizabad and Ghalbili Villages	122	0	NA	Na	
07-02-24	Kunduz	Qalai Zal	Afghan Mazar	31	0	NA	NA	
12-02-24	Logar	M. Agha	Safid Sang	11	0	NA	NA	
14-02-24		Charkh	Dabar	35	0	NA	NA	
11-02-24	Panjshir	Paryan	Chewan	12	0	NA	NA	
13-02-24		Center	Sangana	7	0	NA	NA	
14-02-24	Parwan	Charikar	Abobaker Sediq Madrasa	20	0	NA	NA	
10-02-24	Urozgan	Tarin-Kot	Jaghali Road	14	0	NA	NA	
11-02-24	Wardak	Said Abad	Jang-Joy	24	0	NA	NA	
Clinical Chickenpox	16-02-24	Balkh	Charbolak	Salar Tapa	20	0	NA	NA
	11-02-24	Bamyan	Yakawlang	Sad barg	36	0	Na	Na
	10-02-24		Center	Tape Jalal	10	0	NA	NA
	10-02-24		Center	Dosbeg	30	0	NA	NA
	11-02-24		Panjab	Zeragak	15	0	NA	NA
	12-02-24	Daykundi	Kitty	Temran Valley's Villages	39	0	NA	NA
	12-02-24		Bandar, Sang-E-Takht	Dahani Shamshir Sang/Zardargi	27	0	NA	NA
	14-02-24		Bandar, Sang-E-Takht	Ghojorbash Valley (Siah Sang)	25	0	NA	NA

	13-02-24	Kabul	Bagrami	Bagrami	5	0	NA	NA
	14-02-24	Kunduz	Aliabad	Naw Abad	14	0	NA	NA
	13-02-24	Laghman	Mehterlam	Khalakhil	10	0	NA	NA
	12-02-24	Logar	Puli Alam	Omar Abad	6	0	NA	NA
	10-02-24	Panjshir	Paryan	Kawjan	9	0	NA	NA
	12-02-24		Center	Jangalack	6	0	NA	NA
Dog Bite/ Suspected Rabies	13-02-24	Kapisa	Tagab	Adizay	6	0	NA	NA
	10-02-24	Kabul	Dis 19	Dawlatabad	3	0	NA	NA
	12-02-24	Takhar	Taloqan	Pengani Aaq Masjid	3	0	NA	NA
Clinical Mumps	02/09/24	Daykundi	Nili	Eskan	12	0	Na	Na

**Figure 4 Clinical Measles, Clinical Chickenpox, Dog bite/ suspected Rabies, Clinical Mumps, COVID-19 Cases, and deaths during the week 07<sup>th</sup> 2024**



**Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 17 Feb 2024)**

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Scabies	87	0	2843	0
Measles	58	6	750	8
Suspected Chickenpox	88	1	1414	0
Dog bites/Suspected Rabies	16	0	125	0
Pertussis	1	0	6	0
Mumps	9	0	310	0
Impetigo	2	0	79	0
Leishmaniasis	1	0	6	0
Pink Eye	3	0	29	0
ARI/Pneumonia	3	0	88	5
Food Poisoning	1	0	12	0
Dengue Fever	1	1	38	0
Typhoid Fever	1	0	10	0
<b>Grand Total</b>	271	8	5710	13

**Laboratory surveillance:**

A total of **3913** specimens were collected and shipped to CPHL and other regional laboratories. **13** specimens were confirmed for Acute Viral Hepatitis, **171** specimens were confirmed for Measles and **01** specimens was confirmed for Malaria (Follow-up by the CPHL is going on).

**Influenza Surveillance activities:**

In Epidemiological week 7<sup>th</sup> 2024, we have received reports from 10 out of 10 sentinel sites (Kabul, Kandahar, Balkh, Herat, Bamyán, Baghlan, Nangarhar, Kapisa, Paktia and Badakhshan). Out of all new hospital admissions, 1 087(18.3%) Severe Acute Respiratory Infections cases were reported and 63% were under 5 years old. The proportion of SARI cases was decreased compared to week 6<sup>th</sup> 2024. 44 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 (48.0%), Badakhshan (43.0%), and Kapisa (42.5%) provinces. During this Epi-week, our field staff shipped 60 SARI and 40 ILI specimens to the National Influenza Center (NIC).

**COVID-19 Surveillance activities:**

This week, **2463** specimens were tested for suspected COVID-19. Out of which **211** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 8.6% this week, which increased 1.0% compared to previous week.
- Out of **211 confirmed** cases, **251** contacts out of **71** 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 **34,682** 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 decreasing trend (1.1%) 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 (0.1%) 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 **1374 (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.