

Ministry of Public Health

Monitoring Evaluation & Health Information System GD

Diseases Surveillance Department

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National Disease Surveillance
& Response (NDSR)

NDSR Weekly Epidemiological Report 05th

Date: 28/01 - 03/02 - 2024

Summary:

- Out of **613** functional Surveillance sentinel sites, **610 (99.5%)** have submitted reports this week.
- A total of **657,448** new consultations, of which **263,201 (40%)** were due to Surveillance targeted diseases. That included **138,064 (52.5%) males** and **125,137 (47.5%) females**. Also, **117,807 (44.8%)** people under five years old and **145,394 (55.2%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**184,674 = 28.1%** cases out of total new consultations), Acute Diarrheal Diseases (**32,177 = 4.9%**) cases out of total new consultations, and Pneumonia (**40,339 = 6.1%** cases out of total new consultations).
- A total of **329** deaths were reported this week, of which **124 (37.7%)** deaths were due to surveillance-targeted diseases, which include **98 ARI Pneumonia** deaths, **07 Suspected Meningitis/ Severely ill Child** deaths, **07 Acute Viral Hepatitis** deaths, **07 suspected Measles** deaths, **03 Acute Watery Diarrhea with Dehydration** deaths **01 COVID-19** death, and **01 Neonatal Tetanus** death.
- In addition, during this week, **50** outbreaks were reported: **22 Clinical Scabies Clinical** outbreaks were reported from Farah, Herat, Kabul, Kapisa, Kunar, Kunduz, Lagman, Logar, Nangarhar, Parwan, Saripul, Urozgan, Zabul provinces, **14 Clinical Chickenpox** outbreaks were reported from Badakhshan, Bamyan, Bamyan, Daykundi, Farah, Helmand, Herat, Kabul, Paktia, Panjshir, Parwan, Takhar and Wardak provinces, **08 suspected Measles** outbreaks were reported from Farah, Ghazni, Jawzjan, Kabul, Parwan, Urozgan and Zabul provinces, **03 Dog bite/ suspected Rabies** outbreaks were reported from Badakhshan, Kapisa and Kabul provinces, **02 Suspected ARI/Pneumonia** outbreaks were reported from Kunduz and Parwan provinces and **01 Pink Eye** outbreak was reported from Logar province.

Moreover, **213** COVID-19 confirmed cases and **976** 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

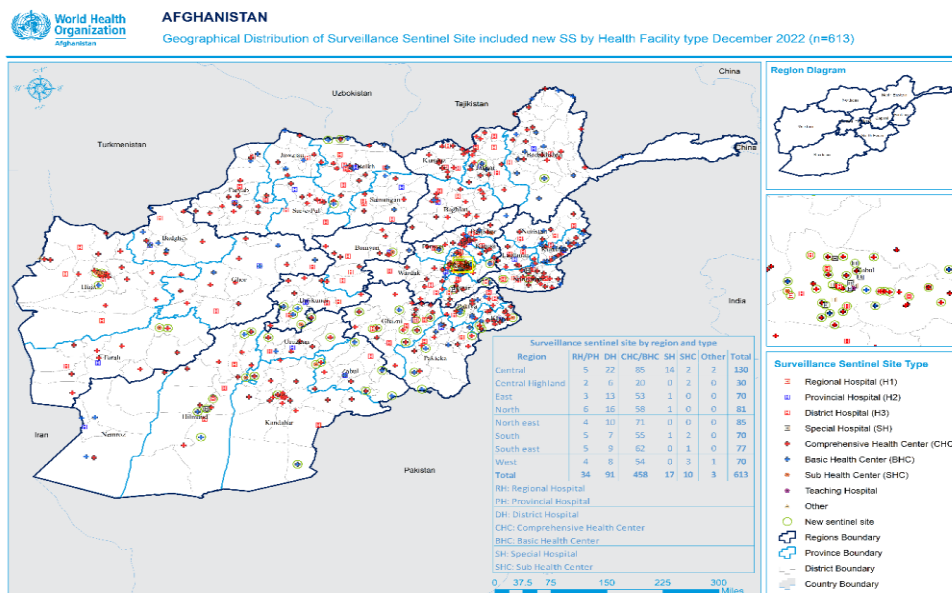


Table 1: Coverage of NDSR Surveillance System

Type of Health Facility	RH	PH	DH	CHC	BHC	NH/ Special Hospital	SHC	Other	Total
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

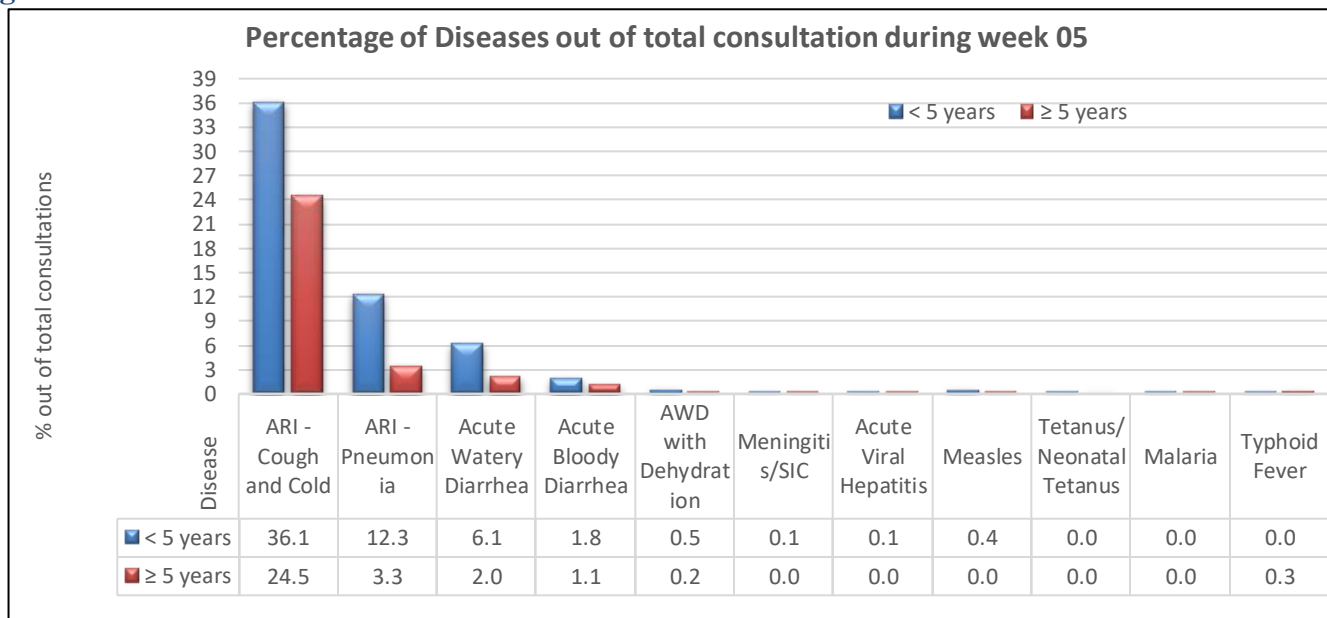
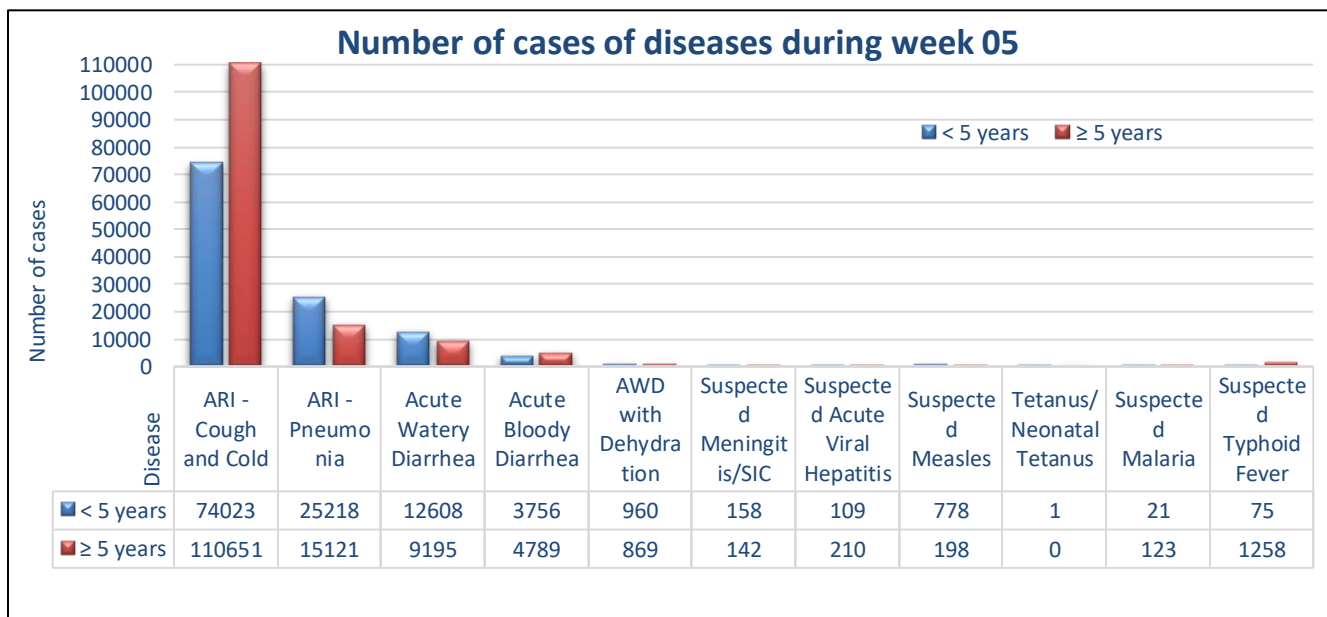


Figure 2: B



Seasonal Diseases:

Figure 3: A

Trend of Pneumonia percentage out of total consultation in recent weeks-2023-2024

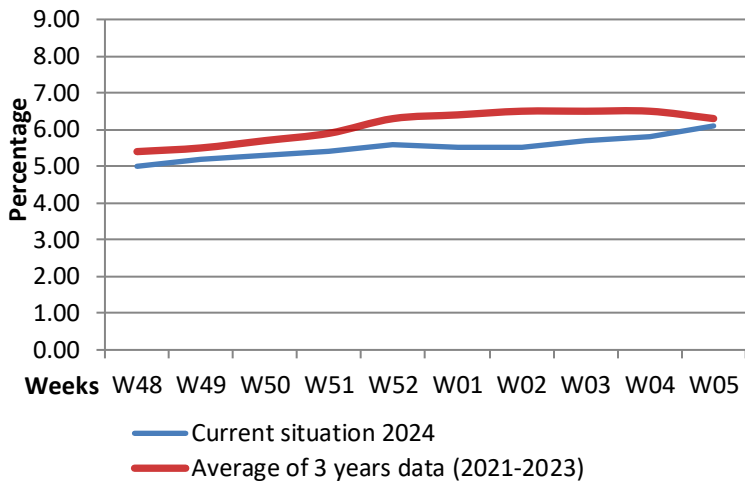


Figure 3: B

Trend of Measles percentage out of total consultation in recent weeks-2023-2024

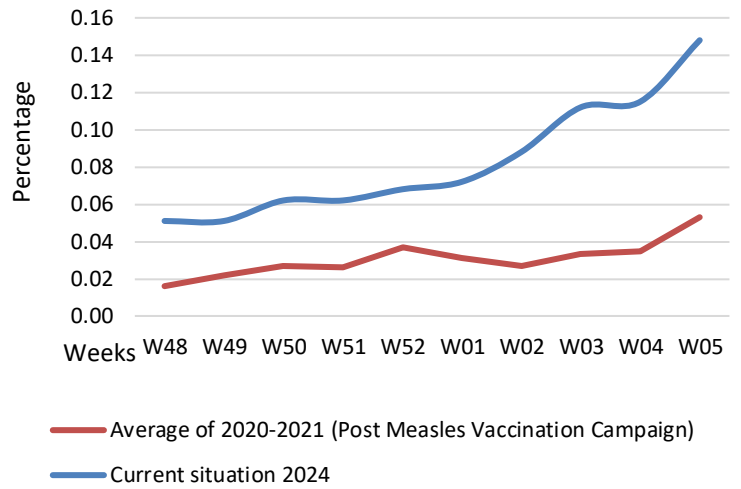


Figure 3: C

Trend of AWD with severe dehydration percentage out of total consultation in recent weeks-2023-2024

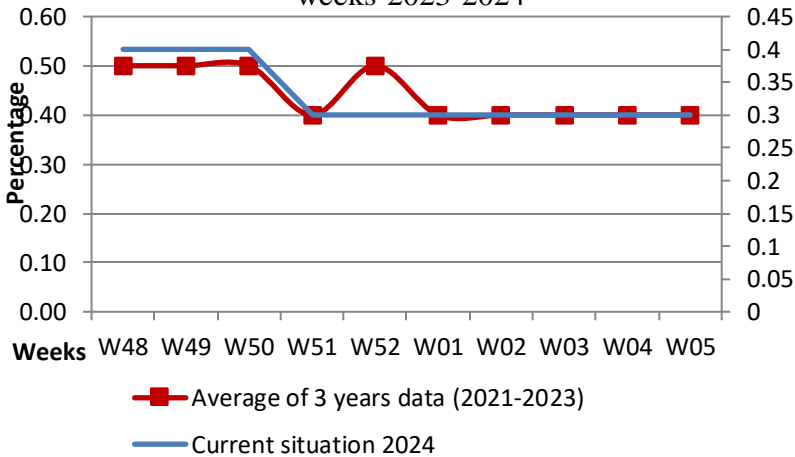


Figure 3: D

Public COVID19 Sample tested and positivity Rate

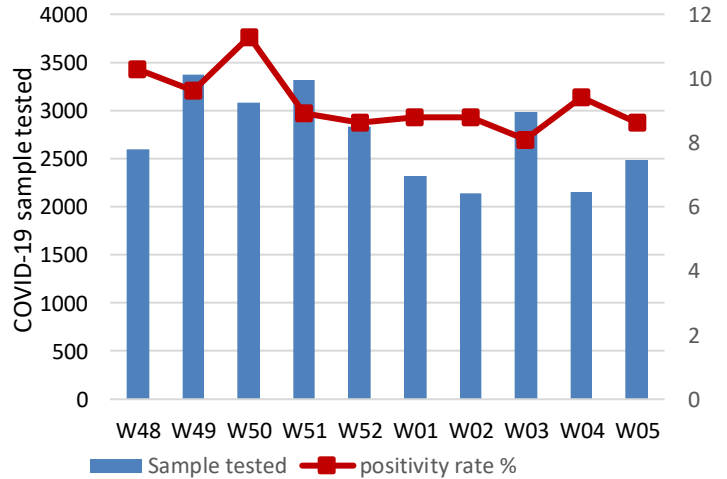


Table 3: Outbreaks in Week 05th 2024:

AFGHANISTAN | INFECTIOUS DISEASE OUTBREAKS REPORT | Epidemiological week # 05-2024

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	28/01/24	Farah	Farah City	Sharak Soofy	17	0	NA	NA
	28/01/24	Herat	City	Liberty Camp, Nahya 8	100	0	NA	NA
	01/02/24		Rigion 18th	Shaydayee	76	0	NA	NA
	01/02/24	Kabul	Bagrami	Sahak	08	0	NA	NA
	29/01/24	Kapisa	Nijrab	Qala Ghani	08	0	NA	NA
	30/01/24		Nijrab	Nakhachi Cha	25	0	NA	NA
	30/01/24	Kunar	Asadabad Center	Center Ulumo Islamia Madrassa	120	0	NA	NA
	28/1/24	Kunduz	Chahardara	Wardak	26	0	NA	NA
	28/1/24		Imam Sahib	Madrasah Gum Kol	76	0	NA	NA
	28/1/24		Imam Sahib	Madrasah Hazrati Bilal	84	0	NA	NA
	27/01/24	Laghman	Alishang	Qalatak	103	0	NA	NA
	27/01/43	Logar	Puli Alam	Pashtoon Abad	05	0	NA	NA
	28/01/24		Puli Alam	Projai Jadid	08	0	NA	NA
	31/01/24		Puli Alam	Harron Khil/ Dado Khil	12	0	NA	NA
	29/01/24	Nangarhar	Khiwa	Darulyatam Gharzai Gamberi	50	0	NA	NA
	30/01/24		Behsood	Hadiqatul Quran Madrasa Nehri Shahee	37	0	NA	NA
	02/02/24		Ghanikhil Shinwar	Kasi	48	0	NA	NA
	29/01/24	Parwan	Charikar	Parcha-E- 9	17	0	NA	NA
	29/01/24		Bagram	Dahane Maydan	23	0	NA	NA
	29/01/24	Saripul	Saripul	New Abad Emmam Jafer	29	0	NA	NA
28/1/24	Zabul	Qalat	Khirwaryan	19	0	NA	NA	
29/01/24	Urozgan	Tarin-Kot	Central Prison	53	0	NA	NA	
27/01/24	Badakhshan	Faizabad	Samati	38	0	NA	NA	

Clinical Chickenpox	28/1/24	Bamyan	Center	Surkhqul	21	0	NA	NA
	3/2/2024	Bamyan	Center	Siakharbulaq,Borsuna	24	0	NA	NA
	28/01/24	Daykundi Farah	Kejran	Kariz	20	0	NA	NA
	28/01/24		Farah City	Sultani Religious School	16	0	NA	NA
	27/01/24	Helmand	Nadali	Shin Kal	10	0	NA	NA
	01/02/24	Herat	Gulran	Chah Majnoon, Sia Khawal	12	0	NA	NA
	03/02/24	Kabul	12	Qala E Shanan	10	0	NA	NA
	29/01/24	Paktia	Sayed Karam	Khand Khil	9	0	NA	NA
	31/01/24		Sayed Karam	Wali Khil	11	0	NA	NA
	29-01- 2024	Panjshir	Abshar	Dehbala Dost Ali	10	0	NA	NA
	27/01/2024	Parwan	Sia Gerd	Yakhdara	9	0	NA	NA
	27-1-24	Takhar	Taloqan	Naw Abad Khatayan	10	0	NA	NA
	27/01/24	Wardak	Hesa-E- Awal Behsood	Farakhlum	24	0	NA	NA
Clinical Measles	29/01/24	Farah	Bala Bolook	Tappa (Masjed Mula Sharif)	12	0	87%	8%
	31/01/24	Ghazni	Andar	Tarkha	15	0	NA	0%
	28/01/24	Jawzjan	Sheberghan	Eid Mahala	16	1	47%	106%
	28/01/24	Kabul	3	Deh Mazang	5	0	NA	NA
	26/01/24	Parwan	Sia Gerd	Duaba	8	0	88%	8%
	28/01/24	Zabul	Jaldak	Wali Khil tarnak Jaldak	12	0	95%	53%
	28/01/24	Urozgan	Tarin-Kot	Khiro- Kariz	15	0	84%	73%
	30/01/24		Gizab	Rubat	18	0	72%	45%
Dog bite/ suspected Rabies	30/01/24	Badakhshan	Faizabad	Dashti Shuhada	8	0	NA	NA
	01/02/24	Kapisa	Tagab	Landa Khail	8	0	NA	NA
	31/1/24	Kabul	9	Qala E Khatir	4	0	NA	NA
Suspected ARI/Pneumonia	29/1/24	Kunduz	Qalai Zal	Afghan Mazar	60	0	NA	NA
	30/01/24	Parwan	Charikar	Charikar	20	0	NA	NA
Pink Eye	30/01/24	Logar	Puli Alam	Shahraki Muhajerin	17	0	NA	NA

Figure 4 Clinical Scabies, Clinical Chickenpox, Clinical Measles, Dog bite/ suspected Rabies, suspected ARI/ Pneumonia, Pink Eye, COVID-19 Cases, and deaths during the week 05th 2024

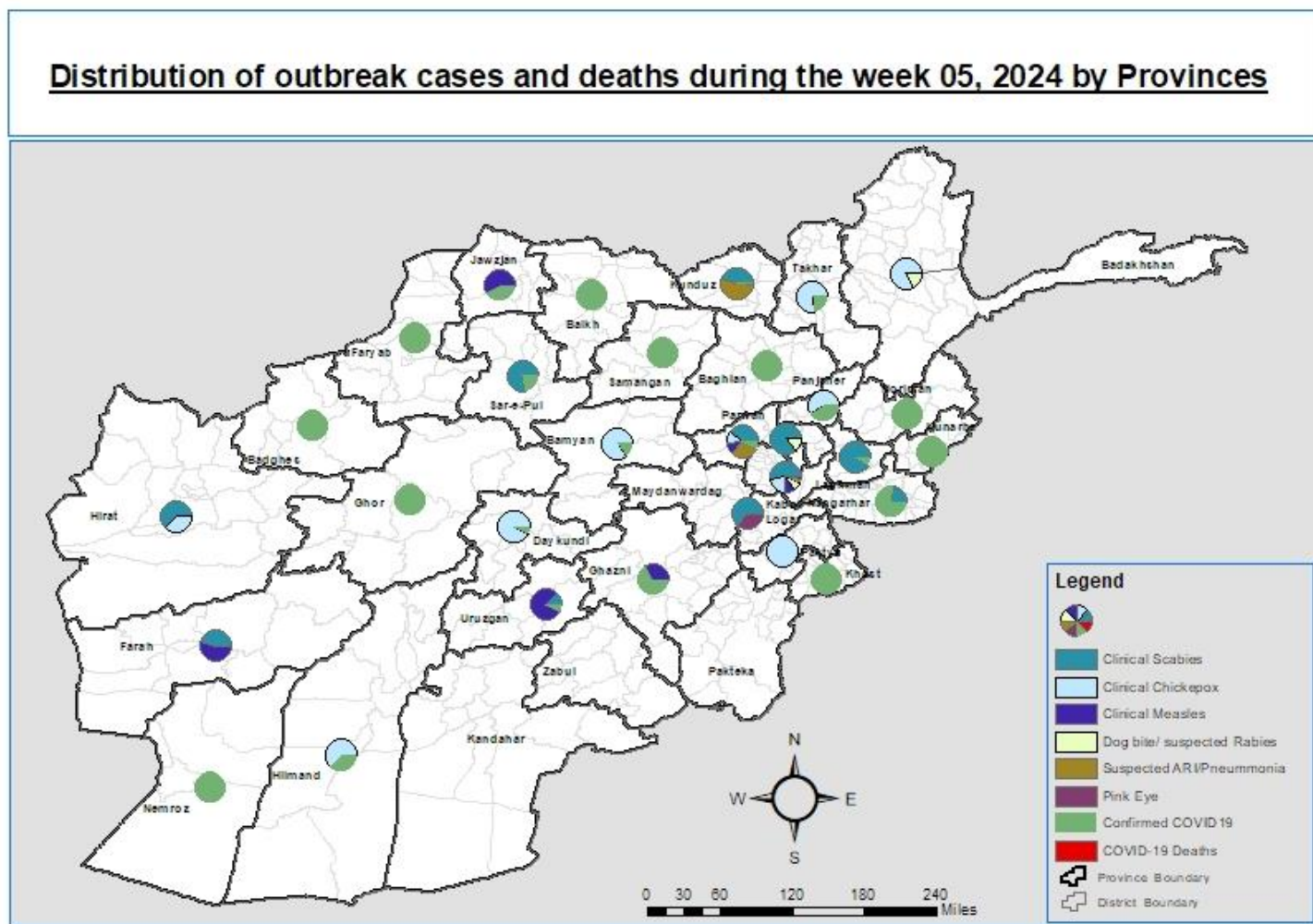


Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 03 Feb 2024)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Scabies	51	0	1808	0
Measles	29	5	401	8
Suspected Chickenpox	63	1	934	0
Dog bites/Suspected Rabies	11	0	98	0
Pertussis	1	0	6	0
Mumps	5	0	235	0
Impetigo	2	0	79	0
Leishmaniasis	1	0	6	0
Pink Eye	2	0	22	0
ARI/Pneumonia	3	0	88	5
Food Poisoning	1	0	12	0
Dengue Fever	1	1	38	0
Grand Total	170	7	3727	13

Laboratory surveillance:

A total of **3872** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **02** specimens were confirmed for AWD, **22** specimens were confirmed for Acute Viral Hepatitis and **76** specimens were confirmed for Measles, **22** specimens were confirmed for **04** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 5th 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, 1103 (16.2%) Severe Acute Respiratory Infections cases were reported and 67% were under 5 years old. The proportion of SARI cases was decreased compared to week 4th 2024. 43 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 (46.0%), Kapisa (40.9%), and Nangarhar (32.9%) 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, **2479** specimens were tested for suspected COVID-19. Out of which **213** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 8.6% this week, which decreased 0.8% compared to previous week.
- Out of **213 confirmed** cases, **376** contacts out of **90** 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 **26,614** passengers have been screened for COVID-19 at the points of entry in two provinces (Kandahar 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 (0.2%) compared to the previous week.
- Pneumonia cases are on an increasing trend (0.3%) compared to the previous week.
- Diarrheal diseases are on the decreasing trend (0.2%) compared to the previous week.
- COVID-19 preventive and control measures should be strengthened.
- Public awareness regarding ARI prevention and control is needed.
- 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 **1077 (IBS+EBS)** suspected Measles cases with **08 (IBS+EBS)** death 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.