

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 06th

Date: 04 - 10 /02 - 2024

Summary:

- Out of **613** functional Surveillance sentinel sites, **613 (100%)** have submitted reports this week.
- A total of **706,533** new consultations, of which **286,747 (40.6%)** were due to Surveillance targeted diseases. That included **151,185 (52.7%) males** and **135,562 (47.3%) females**. Also, **131,503 (45.9%)** people under five years old and **155,244 (54.1%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**203,393 = 28.8%** cases out of total new consultations), Acute Diarrheal Diseases (**33,913 = 4.8%** cases out of total new consultations), and Pneumonia (**43,053 = 6.1%** cases out of total new consultations).
- A total of **376** deaths were reported this week, of which **108 (28.8%)** deaths were due to surveillance-targeted diseases, which include **95 ARI Pneumonia** deaths, **05 Suspected Meningitis/ Severely ill Child** deaths, **03 Acute Viral Hepatitis** deaths, **04 suspected Measles** deaths and **01 COVID-19** death.
- In addition, during this week, **44** outbreaks were reported: **17 Clinical Scabies** outbreaks were reported from Baghlan, Bamyán, Kabul, Kapisa, Kunar, Kunduz, Logar, Nangarhar, Panjshir, Parwan, Saripul, Takhar, Urozgan and Wardak provinces, **11 Clinical Chickenpox** outbreaks were reported from Bamyán, Daykundi, Herat, Kabul and Saripul provinces, **09 suspected Measles** outbreaks were reported from Badghis, Farah, Kabul, Paktika and Zabul provinces, **03 Clinical Mumps** outbreaks were reported from Bamyán, Daykundi and Wardak provinces, **02 Dog bite/ suspected Rabies** outbreaks were reported from Baghlan and Helmand provinces, **01 Typhoid** outbreak was reported from Helmand province and **01 Pink Eye** outbreak was reported from Logar province.

Moreover, **222** COVID-19 confirmed cases and **1141** 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

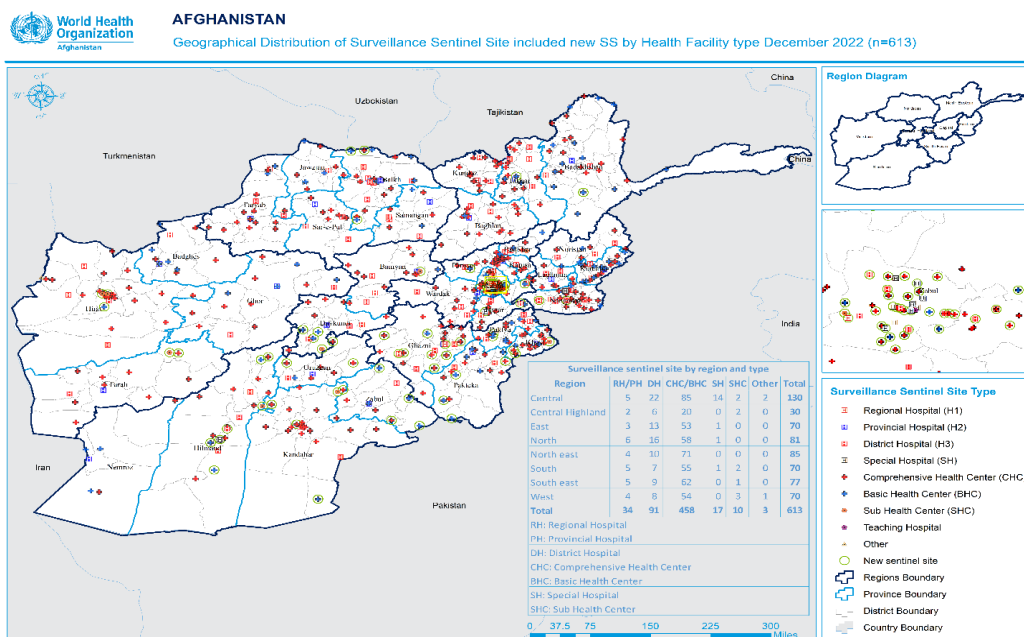


Table 1: Coverage of NDSR Surveillance System

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

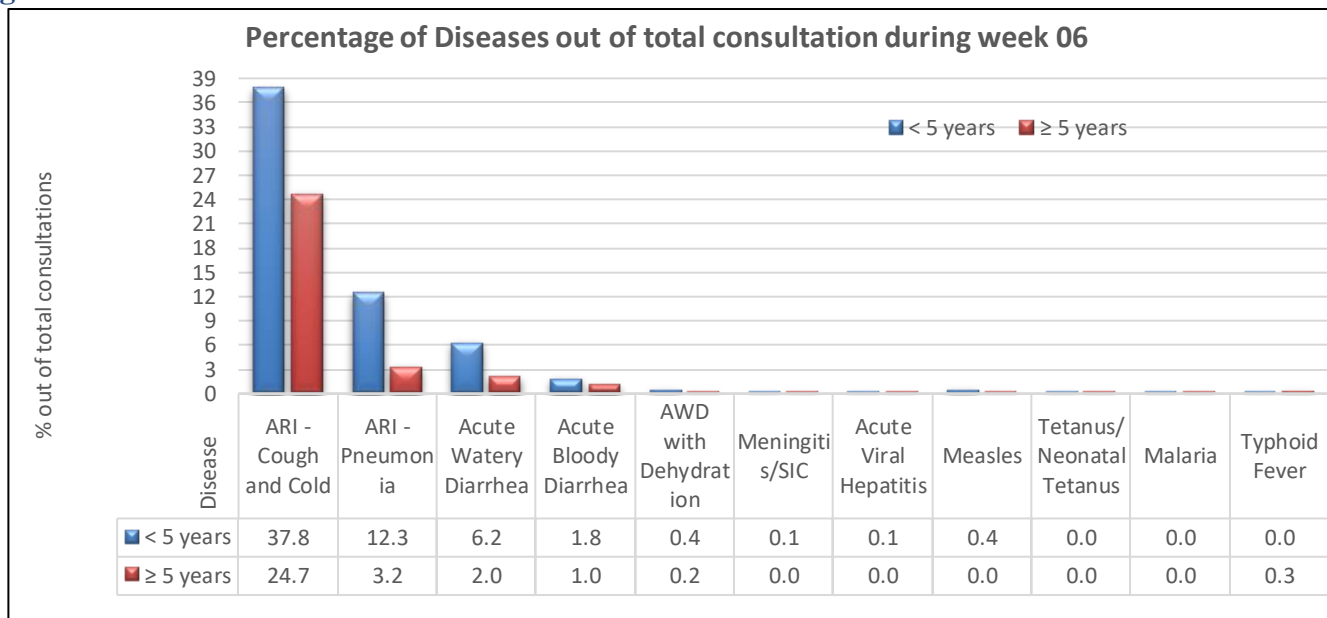
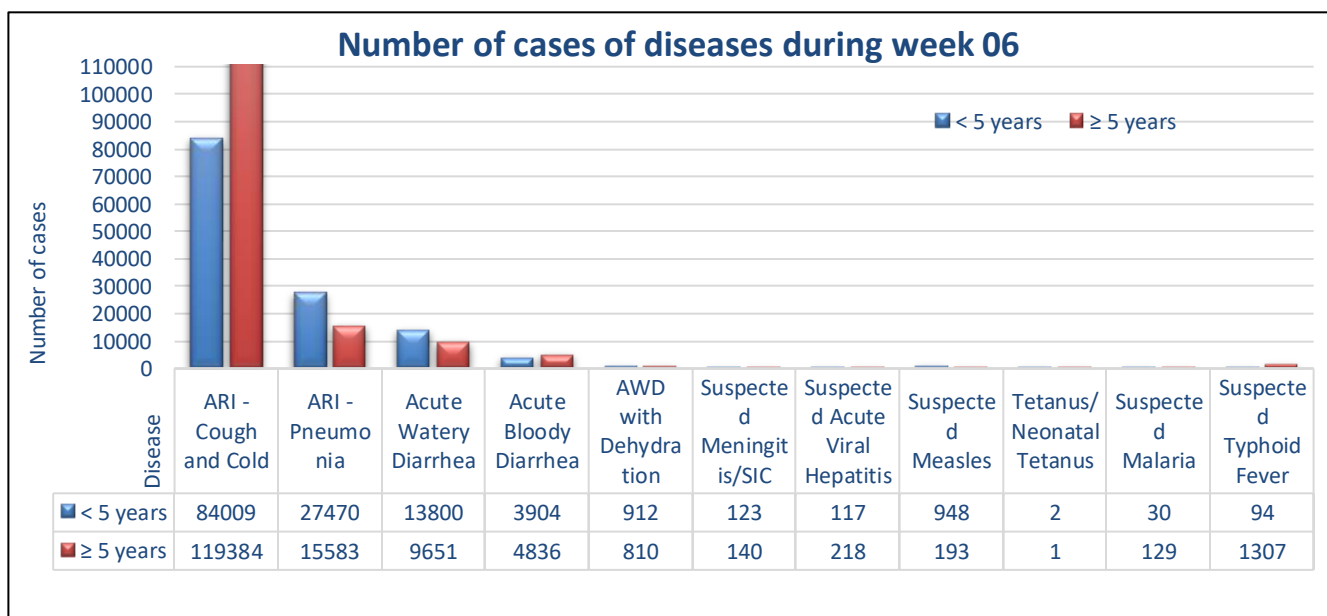


Figure 2: B



Seasonal Diseases:

Figure 3: A

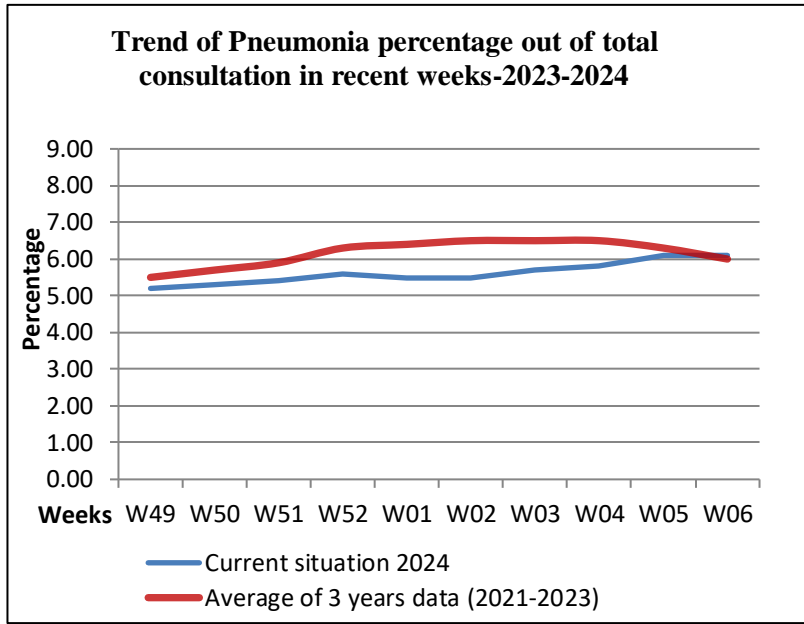


Figure 3: B

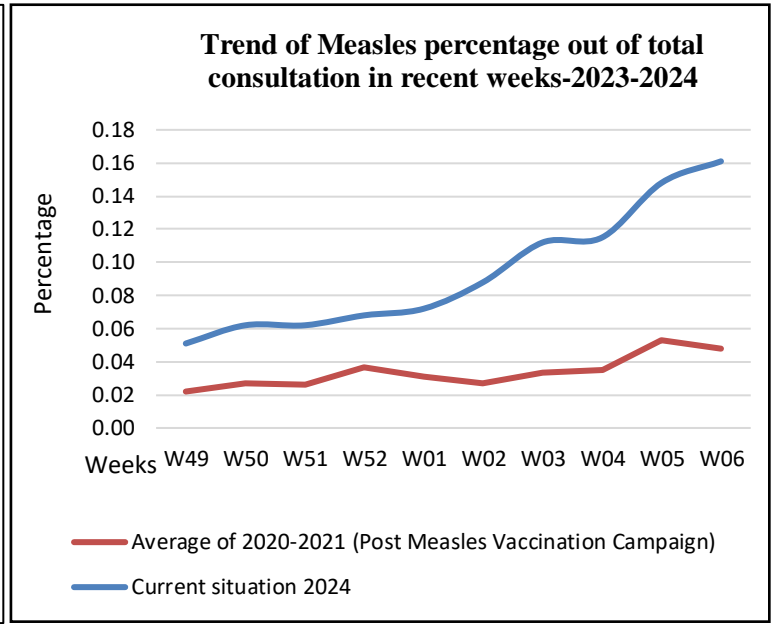


Figure 3: C

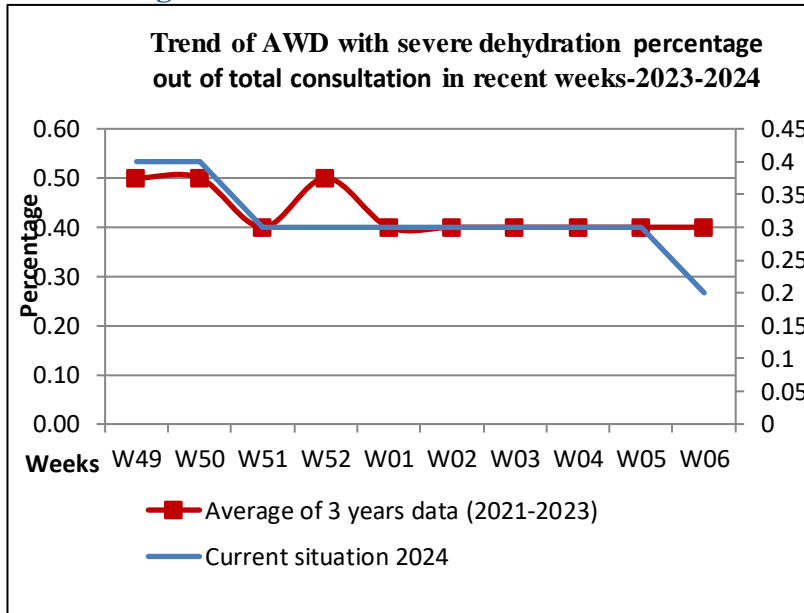


Figure 3: D

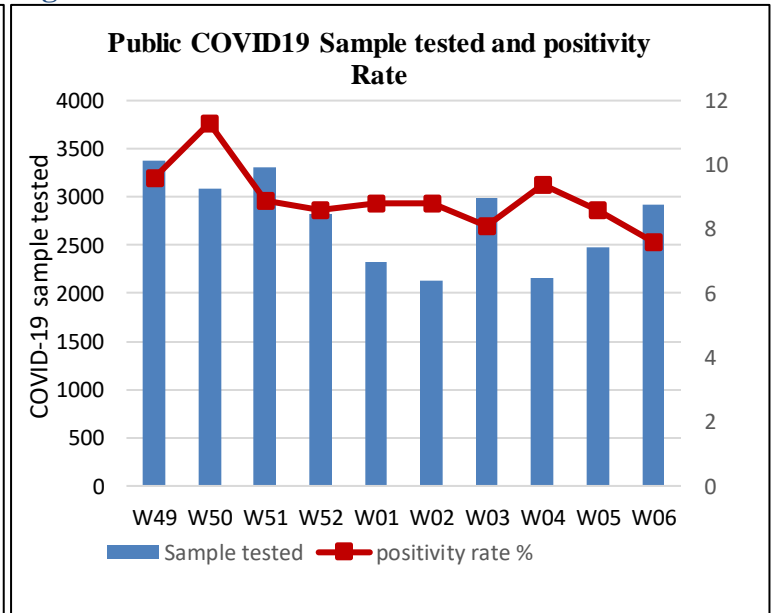


Table 3: Outbreaks in Week 06th 2024:

AFGHANISTAN INFECTIOUS DISEASE OUTBREAKS REPORT Epidemiological week # 06-2024								
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	06/02/24	Baghlan	Pulikhumeri	Mangalan Chine Zai	33	0	NA	NA
	06/02/24	Bamyan	Saighan	Amruot, Peshang	36	0	NA	NA
	06/02/24	Kabul	Dis 8	Shah Shaheed	8	0	NA	NA
	06/02/24		Shakardara	Dasht Jaloo	9	0	NA	NA
	06/02/24		Musahi	Qala E Janan	17	0	NA	NA
	07/02/24	Kapisa	Kohistan-1	Jaldak	10	0	NA	NA
	04/02/24	Kunar	Nari	Zaro Kas, Jabah and Shah Masaer	175	0	NA	NA
	05/02/24	Kunduz	Emam Sahib	Madrasah Osmania	111	0	NA	NA
	05/02/24	Logar	M. Agha	Surkhabad	15	0	NA	NA
	06/02/24	Nangarhar	Sorkhroad	Malak Nader Area Bar Shikhmesri	65	0	NA	NA
	05/02/24	Panjshir	Paryan	Dohabi Khawak	7	0	NA	NA
	06/02/24	Parwan	Jabel Seraj	Monara	22	0	NA	NA
	08/02/24		Charikar	Abdullah Madrasa	15	0	NA	NA
	05/02/24	Saripul	Sozmaqala	Apa Nosh	26	0	NA	NA
	08/02/24	Takhar	Taloqan	Prozhq Sharqi	12	0	NA	NA
	10/02/24	Urozgan	Tarin-Kot	Jaghali Road	14	0	NA	NA
	04/02/24	Wardak	Said Abad	Amir Shahr	48	0	NA	NA
	Clinical Chickenpox	05/02/24	Bamyan	Yakawlang	Bakak	23	0	NA
05/02/24		Yakawlang		Baghalak	25	0	NA	NA
05/02/24		Waras		Khak Bibi	31	0	NA	NA
06/02/24		Yakawlang		Gulikak	17	0	NA	NA

	05/02/24		Waras	Shinia Taght	27	0	NA	NA
	03/02/24	Daykundi	Shahrestaan	Mohr	21	0	NA	NA
	07/02/24		Miramoor	Cholong	23	0	NA	NA
	06/02/24	Herat	Karukh	Deh Sorkh	14	0	NA	NA
	11/02/24		Karukh	Shahrak Sabz	15	0	NA	NA
	04/02/24	Kabul	17	Sare Kotal	6	0	NA	NA
	05/02/24	Saripul	Saripul	Kamozia	26	0	NA	NA
Suspected Measles	06/02/24	Badghis	Moqur	Badrawak	9	0	50%	11%
	09/02/24		Moqur	Taraki	22	0	110%	13%
	04/02/24	Farah	Bala Bolook	Kariz Pada	17	0	0%	0%
	01/02/24	Kabul	Dis 4	Bagh Bala	6	0	NA	NA
	04/02/24		Dis 8	Hindu Sozan - Qalacha	7	0	86%	79%
	06/02/24		Dis 17	Sarak Bostan - Sare Kotal	6	0	75%	30%
	07/02/24		Bagrami	Bala Qala - Shewaki	11	0	75%	35%
		05/02/24	Paktika	Della	Soot	7	0	85%
	04/02/24	Zabul	Jaldak	Zarako-Band	8	0	90%	23%
Clinical Mumps	05/02/24	Bamyan	Waras	Shinia Taght	29	0	Na	Na
	03/02/24	Daykundi	Bandar, Sang-E-Takht	Sona	13	0	NA	NA
	06/02/24	Wardak	Said Abad	Khadi Khil	21	0	NA	NA
Dog Bite/Suspected Rabies	05/02/24	Baghlan	Dahana Qhori	Jengan	6	0	NA	NA
	08/02/24	Helmand	Nahri-Saraj	Khoshkaba	9	0	NA	NA
Pink Eye	06/02/2024	Logar	Pli Alam	Qalai Zadrان	7	0	NA	NA
Typhoid	08/02/24	Helmand	Lashkargha	Haji Temor Shah Masjid	10	0	NA	NA

Figure 4 Clinical Scabies, Clinical Chickenpox, Clinical Measles, Clinical Mumps, Dog bite/ suspected Rabies, Pink Eye, Typhoid, COVID-19 Cases, and deaths during the week 06th 2024

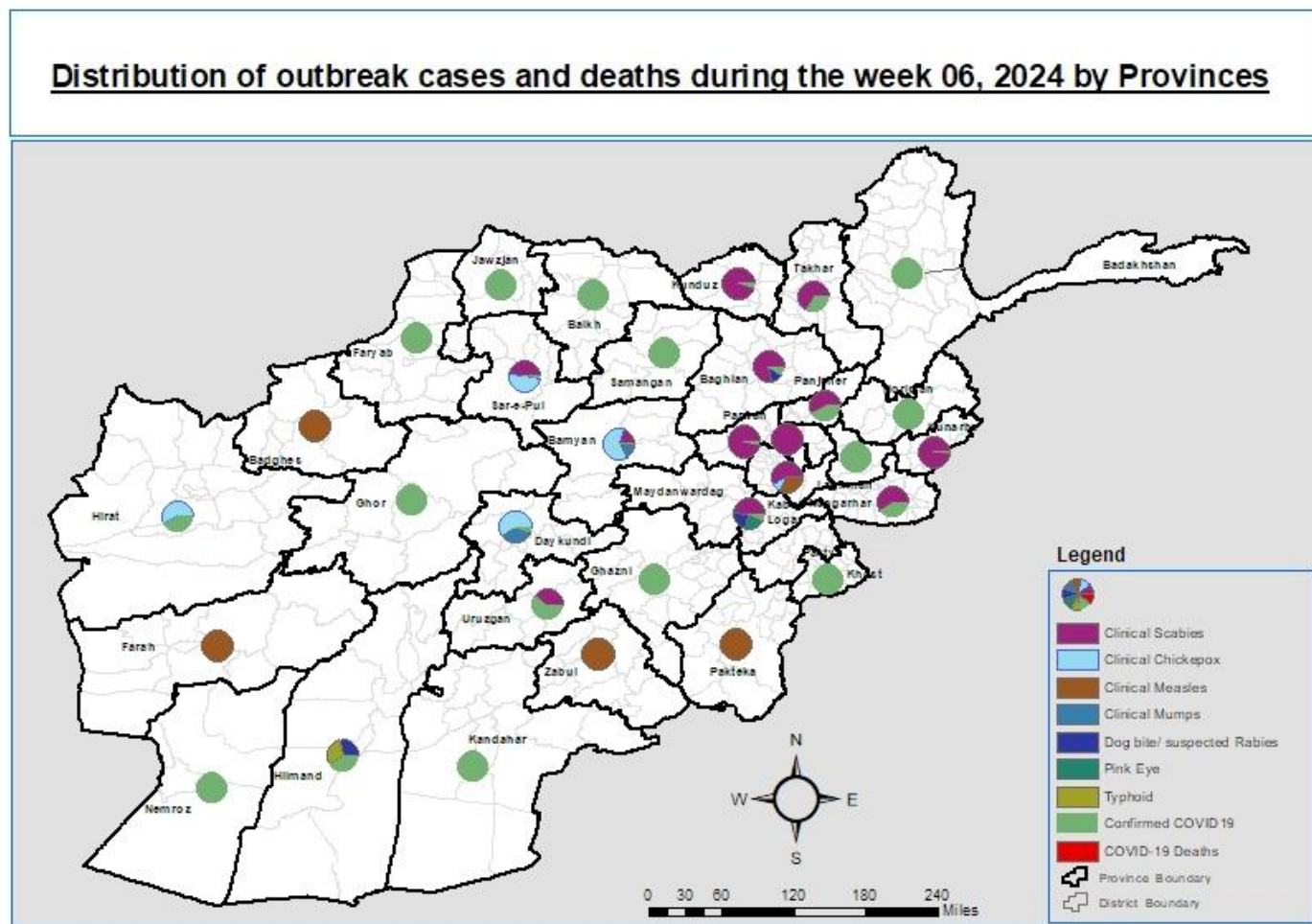


Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 10 Feb 2024)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Scabies	68	0	2431	0
Measles	38	6	494	8
Suspected Chickenpox	74	1	1162	0
Dog bites/Suspected Rabies	13	0	113	0
Pertussis	1	0	6	0
Mumps	8	0	298	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
Grand Total	214	8	4766	13

Laboratory surveillance:

A total of **4312** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **03** specimens were confirmed for AWD, **13** specimens were confirmed for Acute Viral Hepatitis and **110** specimens were confirmed for Measles, **02** specimens were confirmed for CCHF, **01** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 6th 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, 1135 (18.6%) Severe Acute Respiratory Infections cases were reported and 65% were under 5 years old. The proportion of SARI cases were increased compared to week 5th 2024. 41 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%), Kapisa (42.2%), and Badakhshan (37.0%) 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, **2923** specimens were tested for suspected COVID-19. Out of which **222** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 7.6% this week, which decreased 1.0% compared to previous week.
- Out of **222 confirmed** cases, **272** contacts out of **77** 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 **28,138** 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 increasing trend (0.7%) compared to the previous week.
- Pneumonia cases are on the same trend compared to the previous week.
- Diarrheal diseases are on the decreasing 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 **1234 (IBS+EBS)** suspected Measles cases with **04 (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.