

Summary:

- Out of 613 functional Surveillance sentinel sites, 608 (99.2%) have submitted reports this week.
- A total of 730,648 new consultations, of which 293,607 (40.2%) were due to Surveillance targeted diseases. That included 155,829 (53.1%) males and 137,778 (46.9%) females. Also, 133,233 (45.4%) people under five years old and 160,374 (54.6%) five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (207,058 = 28.3% cases out of total new consultations), Acute Diarrheal Diseases (38,619 = 5.3%) cases out of total new consultations, and Pneumonia (41,907= 5.7% cases out of total new consultations).
- A total of 390 deaths were reported this week, of which 129 (33.1%) deaths were due to surveillance-targeted diseases, which include 95 ARI Pneumonia deaths, 15 Suspected Meningitis/ Severely ill Child deaths, 07 Acute Watery Diarrhea with Dehydration deaths, 06 Acute Viral Hepatitis deaths, 03 COVID-19 deaths, 02 suspected Measles deaths and 01 Neonatal Tetanus death.
- In addition, during this week, 46 outbreaks were reported: 17 Clinical Chickenpox outbreaks were reported from Bamyan, Helmand, Kabul, Paktia, Paktika, Panjshir, Parwan, Takhar, Urozgan and Wardak provinces, 12 Clinical Scabies outbreaks were reported from, Baghlan, Farah, Ghazni, Khost, Kunar, Nangarhar, Nimroz, Paktia, Takhar and Wardak provinces, 10 suspected Measles outbreaks were reported from Bamyan, Farah, Faryab, Helmand, Kandahar, Parwan, Samangan and Zabul provinces, 02 Dog bite/ suspected Rabies outbreaks were report from Ghazni and Urozgan provinces, 01 Leishmania outbreak was reported from Helmand province, 01 Pink Eye outbreak was reported from Logar province, 01 suspected Poisoning outbreak was reported from Badakhshan province, 01 ARI/Pneumonia outbreak was reported form Jawzjan province and 01 Clinical Mumps outbreak was reported form Panjshir province.

Moreover, 243 COVID-19 confirmed cases and 820 suspected Measles cases (IBS) were reported at the national level.

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

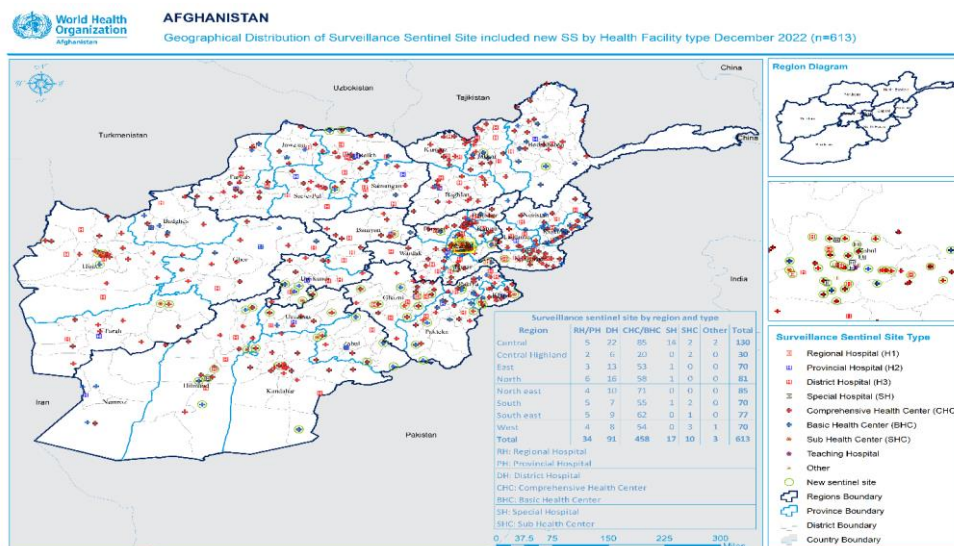


Table 1: Coverage of NDSR Surveillance System

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

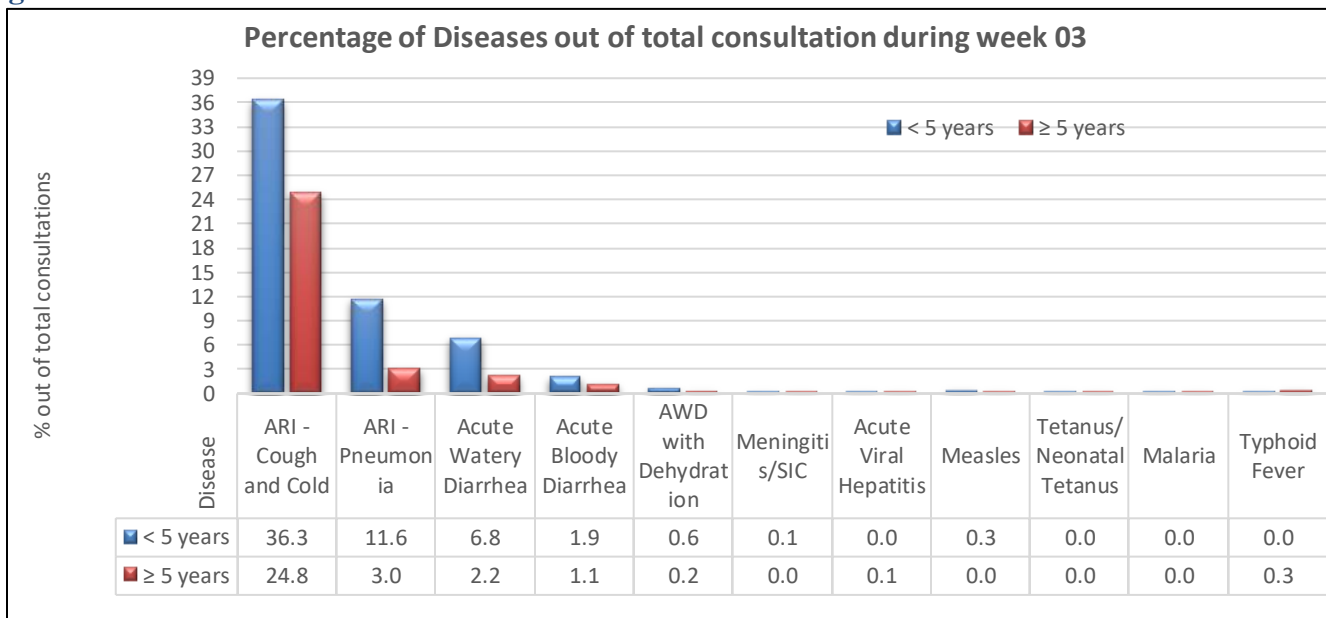
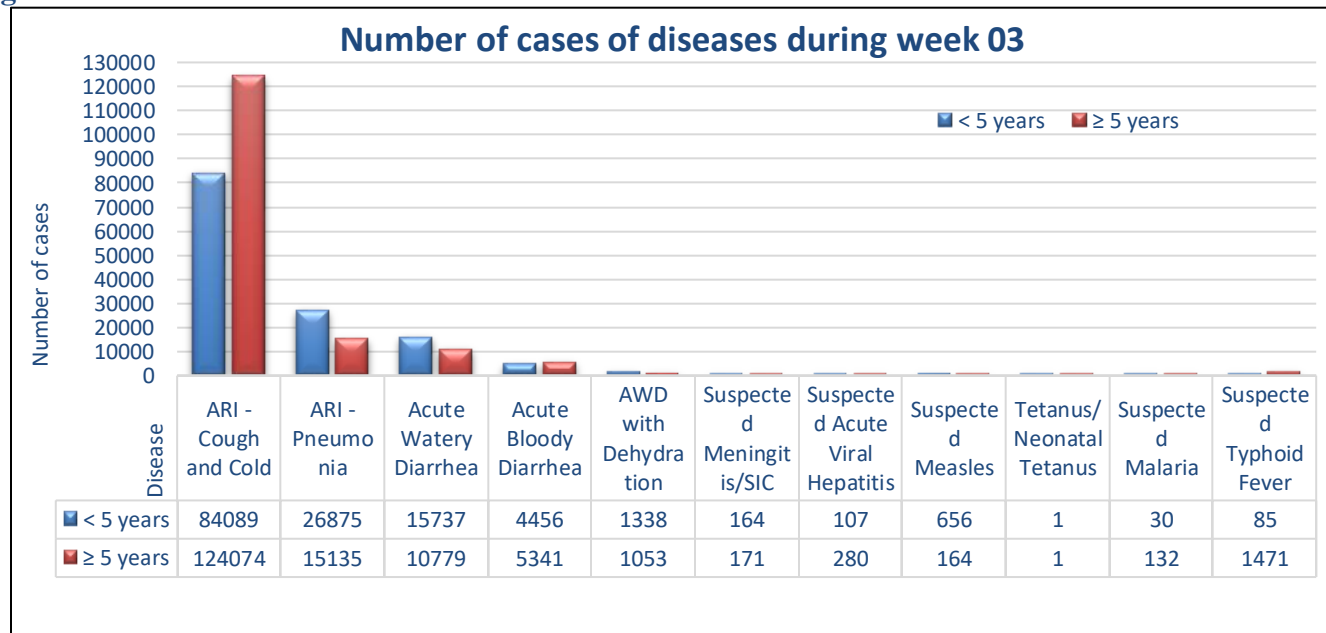


Figure 2: B



Seasonal Diseases:

Figure 3: A

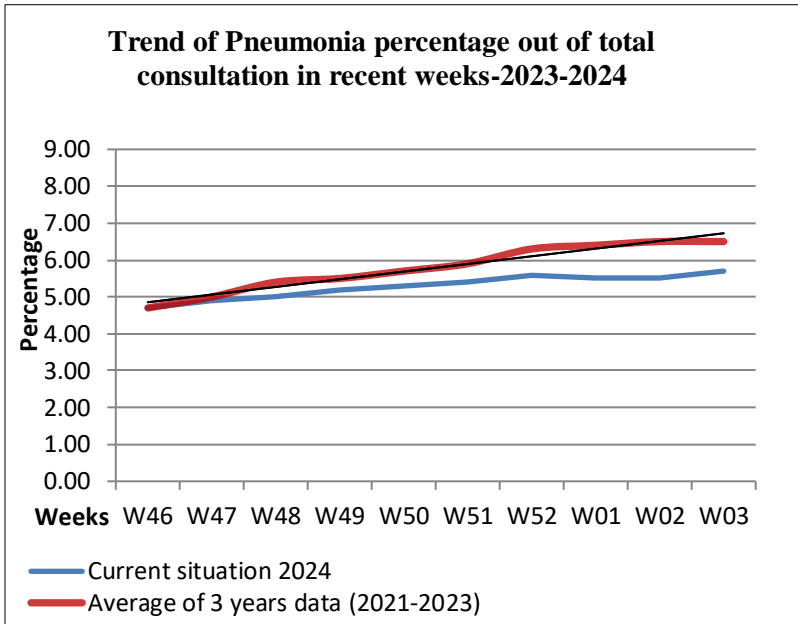


Figure 3: B

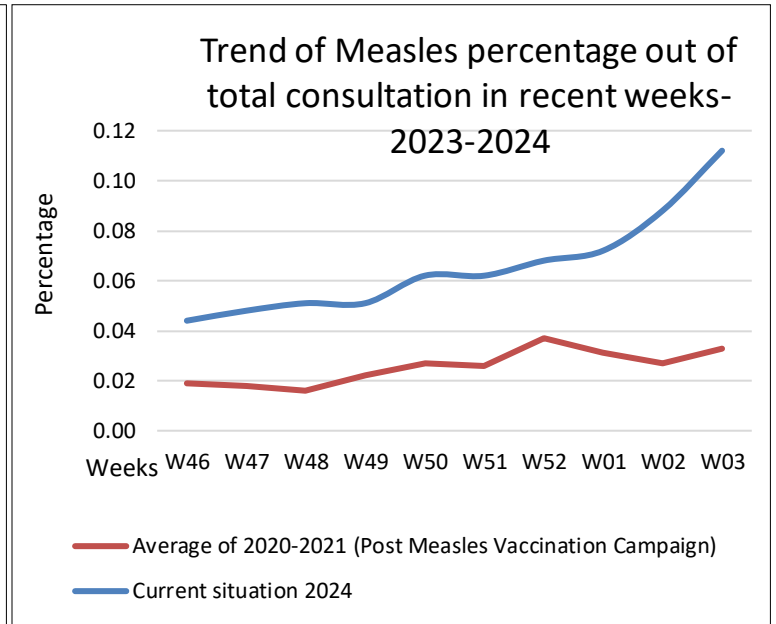


Figure 3: C

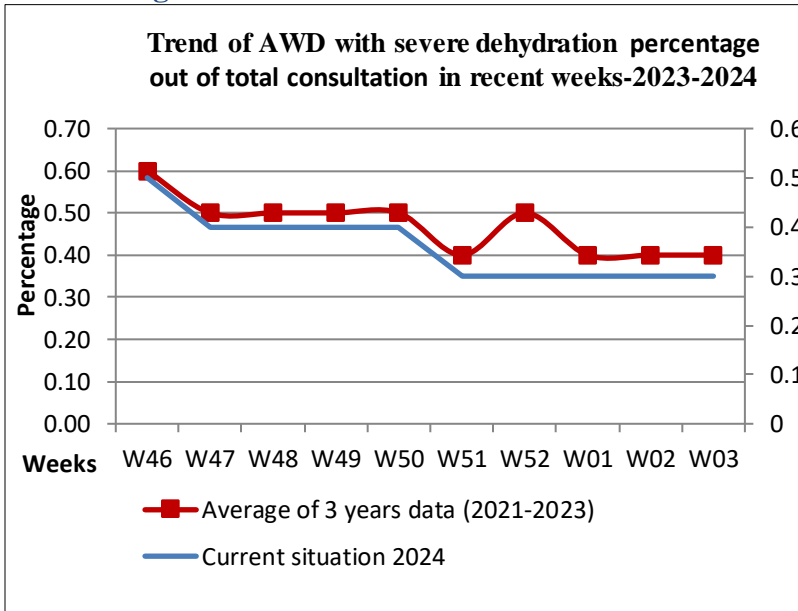


Figure 3: D

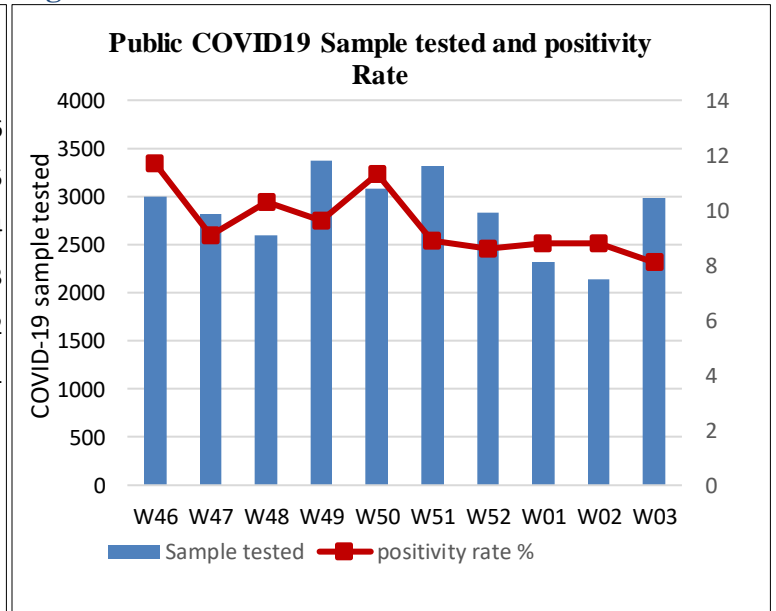


Table 3: Outbreaks in Week 03rd 2024:

AFGHANISTAN INFECTIOUS DISEASE OUTBREAKS REPORT Epidemiological week # 03-2024								
Event / Diseases Name	Reported date	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage, If VPD	
							Related HF reported coverage	Field Estimated Coverage
Clinical Chickenpox	15/01/24	Bamyan	Panjab	Kalan Deh Babuli	13	0	NA	NA
	18/01/24		Panjab	Qafqul	15	0	NA	NA
	14/01/24	Helmand	Lashkarghah	Mahajarin Camp	14	0	NA	NA
	13/01/24	Kabul	13	Dashte Barchi	7	0	NA	NA
	16/01/24		4	Iqra Religious School - Baraki	8	0	NA	NA
	16/01/24		3	Jamal Mina - Karte Sakhi	5	0	NA	NA
	20/01/24		7	Sarak Naw and Burj Barq	10	0	NA	NA
	15/01/24	Paktia	Gardez	Haleem Kala	12	0	NA	NA
	14/01/24		Sayed Karam	Kunder Khil	11	0	NA	NA
	15/01/24	Paktika	Sharan212	Ombar Khel	7	0	NA	NA
	18/01/24	Panjshir	Center	Selss	9	0	NA	NA
	20/01/24		Hisa Awal	Qalaa	10	0	NA	NA
	15/01/24	Parwan	Jabel Seraj	Dehe Balla	18	0	NA	NA
	16/01/24	Takhar	Taloqan	Post Khor	7	0	NA	NA
	16/01/24	Urozgan	Khas-Urozgan	Garmab	7	0	NA	NA
	14/01/24	Wardak	Said Abad	Khadi Khil	15	0	NA	NA
	15/01/24		Chak	Palizak	20	0	NA	NA
Clinical Scabies	16/01/24	Baghlan	Puli khumeri	Naw Abad Boraqa	11	0	NA	NA
	18/01/24	Farah	Farah City	Comp Muhajerin	21	0	NA	NA
	18/01/24	Ghazni	Geeru	Ahad Kala	32	0	60%	50%
	16/01/24	Khost	Center	Khost Prison	63	0	N/A	N/A
	19/01/24	Kunar	Asadabad Center	Khulafay Rashidin Madrasa and Muslim Abad	58	0	NA	NA

			Village of Sagai Area					
	16/01/23		Sarkani	Adargam And Bargam	31	0	NA	NA
	13/01/24	Nangarhar	Jalalabad	Bezekmalaty	41	0	N/A	NA
	16/01/24		Dour Baba	Goroko	94	0	NA	NA
	14/01/24	Nimroz	Zarang	Khowja Karim, Mahajar Abad	24	0	NA	NA
	19/01/24	Paktia	Dande Pathan	Kharoty	40	0	NA	NA
	16/1/2024	Takhar	Taloqan	Qara Hindo	11	0	NA	NA
	16/01/24	Wardak	Nerkh	Shahabuddin Area	17	0	NA	NA
Suspected Measles	19/01/24	Bamyan	Waras	Madikak, Benigaw	9	0	85%	85%
	18/01/24	Farah	Bala Bolook	Rubat Turkan	12	1	33%	0%
	14/01/24	Faryab	Gorzivan	Sadatabad	6	0	28%	56%
	16/01/24	Helmand	Garamsir	Darwish Regh Darah	12	0	85%	65%
	12/01/24	Kandahar	Khakriz	Darazo And 3 Others	25	1	NA	25%
	16/01/24		Ghorak	Chahayab	15	0	NA	0%
	19/01/24		Arghnadab	Podina	10	0	0%	0%
	16/01/24	Parwan	Shinwari	Chap Qool	26	0	0%	0%
	15/01/24	Samangan	Dar-e Souf payeen	Surkh Kotal	6	1	77%	96%
	14/01/24	Zabul	Qalat	Now- Abad	16	0	95%	28%
Dog bite/ suspected Rabies	14-01-24	Ghazni	Center District	Shahri-Kona	8	0	NA	NA
	16/01/24	Urozgan	Tarin-Kot	Gawmargin And Ghulam	14	0	NA	NA
Clinical Mumps	14/01/24	Panjshir	Center	Baharak	5	0	NA	NA
Pink Eye	15/01/24	Logar	Puli Alam	Nasar	8	0	NA	NA
Leishmania	13/01/24	Helmand	Garamsir	Omer Zaia Kali	6	0	NA	NA
ARI/Pneumonia	14/01/24	Jawzjan	Aqcha	Ghazanfar	207	5	36%	83%
Suspected Poisoning	16/01/24	Badakhshan	Faizabad	Langer village, 8th part	12	0	NA	NA

Figure 4 Clinical Chickenpox, Clinical Scabies, Clinical Measles, Dog bite/ suspected Rabies, Clinical Mumps, Pink Eye, ARI/ Pneumonia, suspected poisoning, Leishmania, COVID-19 Cases, and deaths during the week 03rd 2024

Distribution of outbreak cases and deaths during the week 03, 2024 by provinces

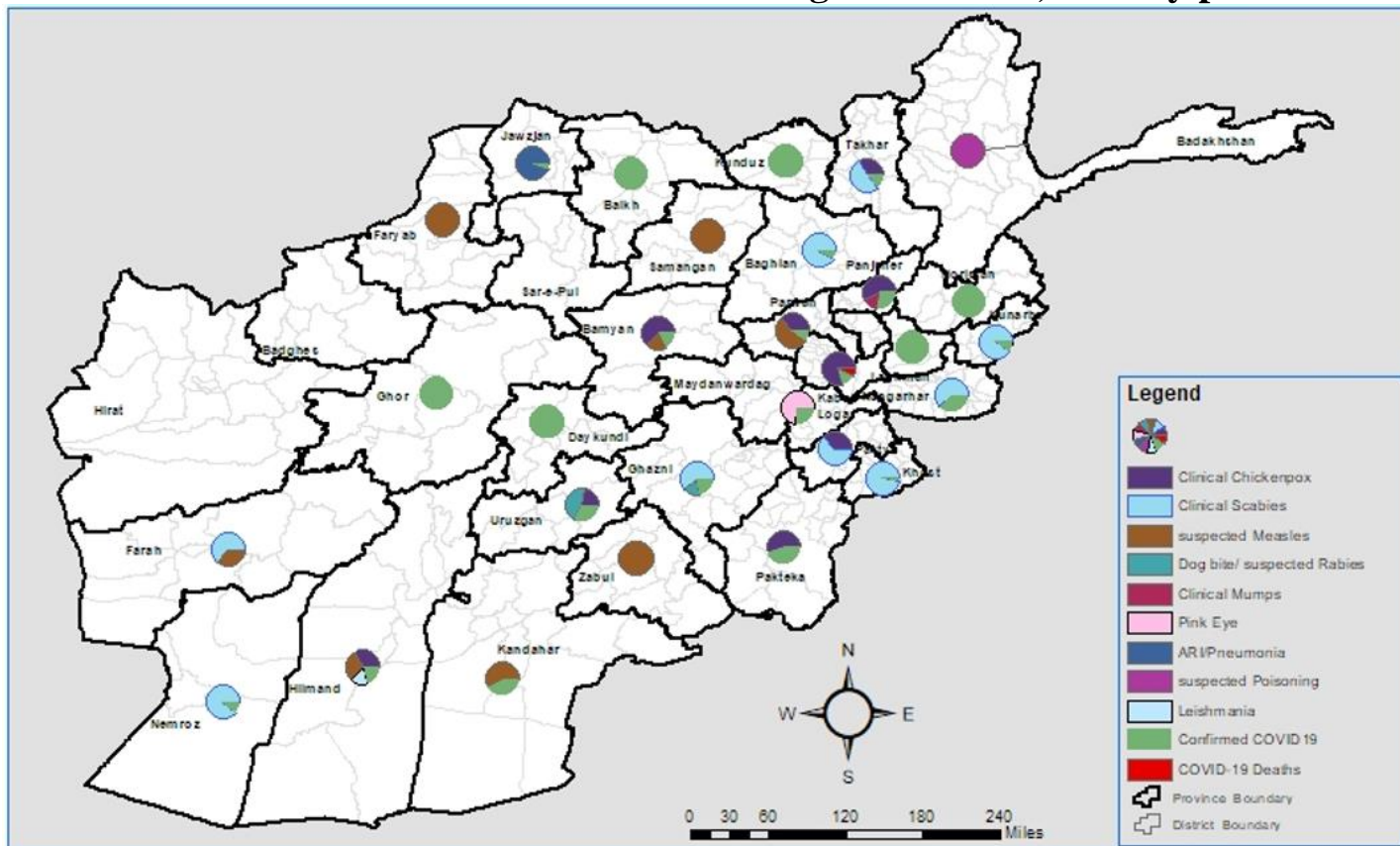


Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 21 Jan 2024)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Scabies	25	0	803	0
Measles	14	4	198	5
Suspected Chickenpox	38	1	541	0
Dog bites/Suspected Rabies	5	0	44	0
Pertussis	1	0	6	0
Mumps	3	0	220	0
Impetigo	1	0	28	0
Leishmaniasis	1	0	6	0
Pink Eye	1	0	5	0
ARI/Pneumonia	1	0	8	5
Food Poisoning	1	0	12	0
Grand Total	91	5	1871	10

Laboratory surveillance:

A total of **4400** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **05** specimens were confirmed for AWD, **17** specimens were confirmed for Acute Viral Hepatitis and **63** specimens were confirmed for Measles, **17** specimens were confirmed for Dengue Fever and **01** specimen was confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 3rd 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, 953 (14.9%) Severe Acute Respiratory Infections cases were reported and 61% were under 5 years old. The proportion of SARI cases was decreased compared to week 2nd 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 (45.0%), Kapisa (36.9%), and Paktia (29.0%) 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, **2989** specimens were tested for suspected COVID-19. Out of which **243** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 8.1% this week, which decreased 0.6% compared to the previous week.
- Out of **243 confirmed** cases, **287** contacts out of **62** 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 **25,054** 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. This week, **957 (IBS+EBS)** Measles cases were reported to the surveillance system.
- 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 the increasing trend (0.2%) 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.
- 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 **957 (IBS+EBS)** suspected Measles cases with 05 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.