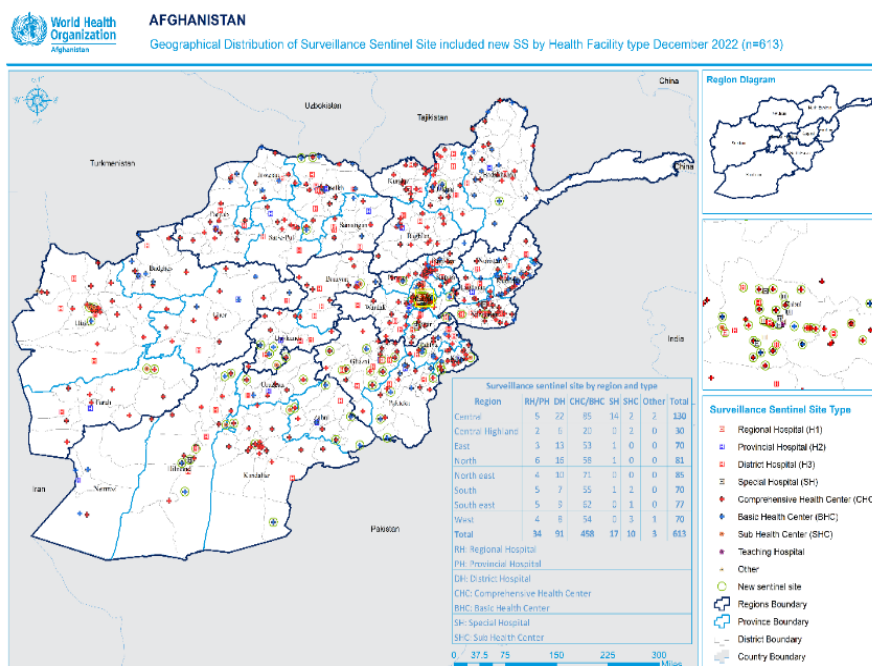


Summary:

- Out of 613 functional surveillance sentinel sites, 611 (99.7%) have submitted reports this week.
- A total of 650,831 new consultations, of which 238,549 (36.7%) were due to Surveillance targeted diseases. That included 125,550 (52.6%) males and 112,998 (47.4%) females. Also, 111,478 (46.7%) people under five years old and 127,071 (53.3%) people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (155,694 = 23.9% cases out of total new consultations), Acute Diarrheal Diseases (50,885 = 7.8% cases out of total new consultations), and Pneumonia (24,952= 3.8% cases out of total new consultations).
- A total of 365 deaths were reported this week, of which 84 (23%) deaths were due to surveillance-targeted diseases, which include 66 ARI Pneumonia deaths, 05 AWD with Dehydration deaths, 04 Suspected Meningitis deaths, 05 Acute Viral Hepatitis deaths, 02 COVID-19 deaths, 01 Neonatal Tetanus death and 01 suspected Measles death.
- In addition, during this week, 22 outbreaks were reported: 09 Suspected Measles outbreaks were reported from Takhar, Kabul, Nangarhar, Ghor, Herat, Urozgan, Helmand and Zabul provinces, 08 Clinical Scabies outbreaks were reported from Kunduz, Panjsher, Kabul, Kunar, Herat, Helmand and Bamyan provinces, 02 Dengue Fever outbreaks were reported from Kabul and Nangarhar provinces, 01 Clinical Chickenpox outbreak was reported from Kunduz province, 01 Food Poisoning outbreak was reported from Badghis province and 01 Leishmaniasis outbreak was reported from Kunduz province.

Moreover, 127 COVID-19 confirmed cases, and 872 suspected Measles cases (IBS) were reported at the national level.

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



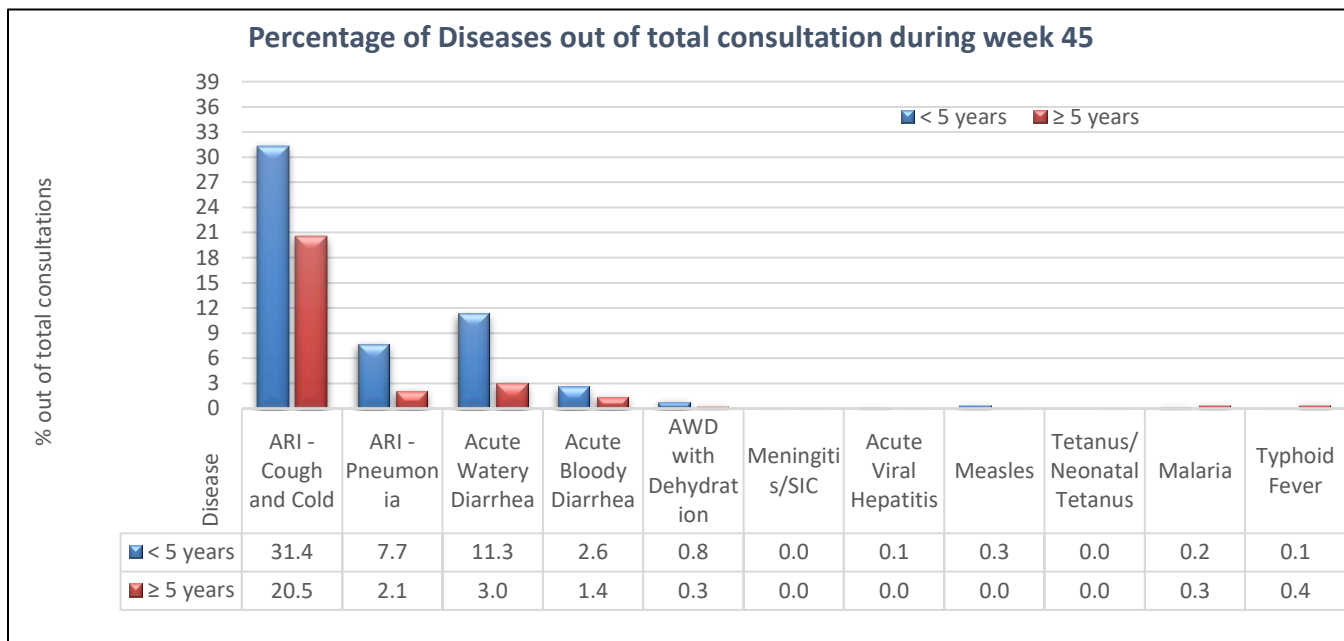
**Table 1: Coverage of NDSR Surveillance System**

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

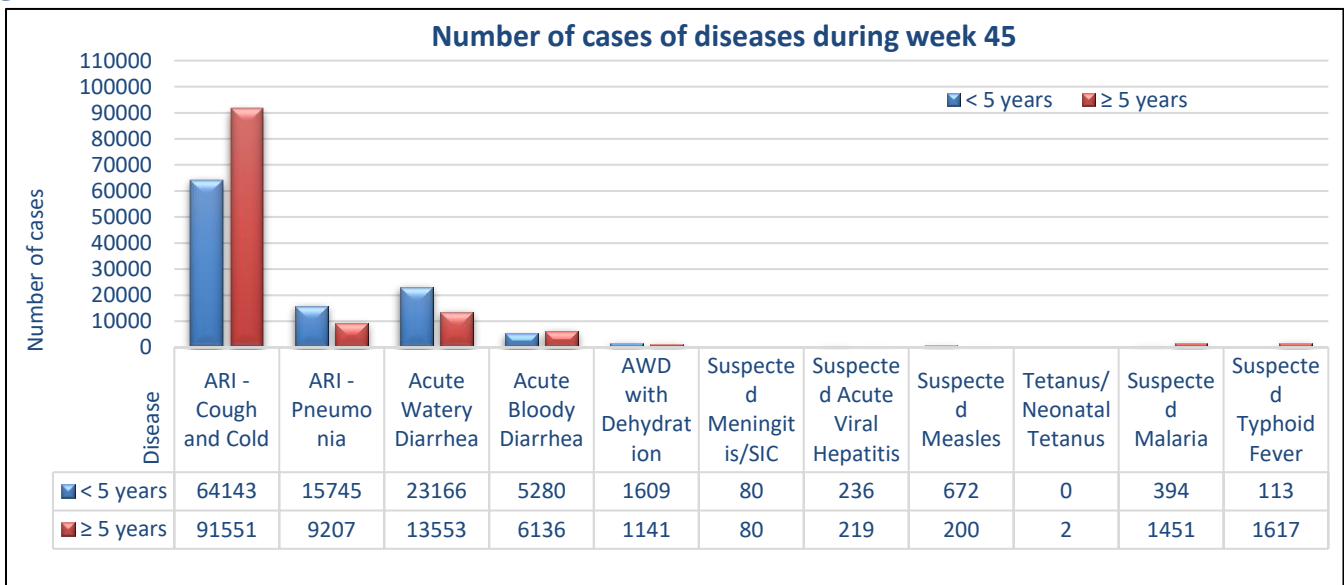
**Indicator - based Surveillance (IBS):**

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.

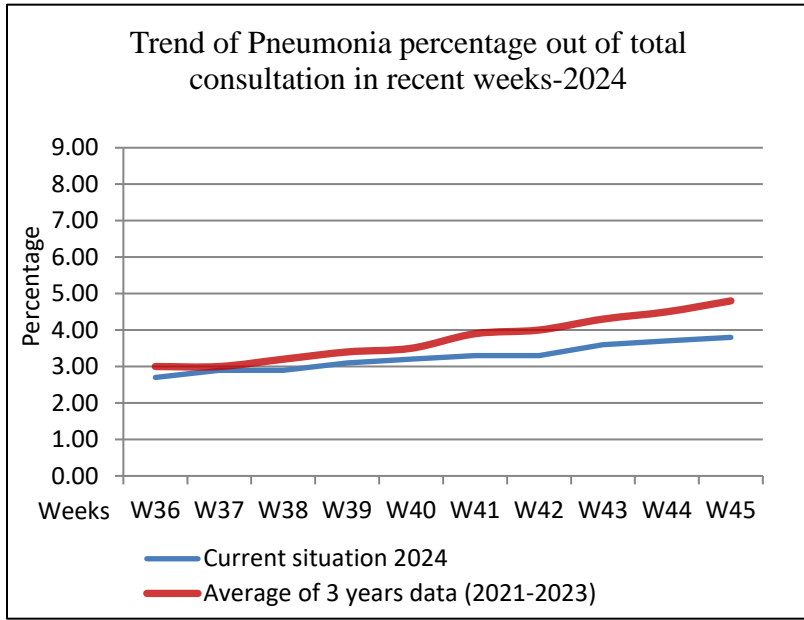
**Figure 2: A**



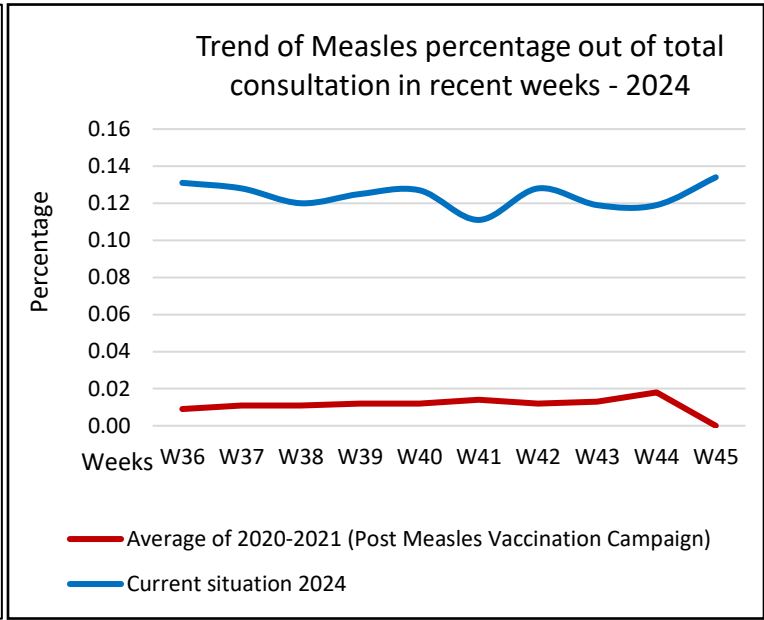
**Figure 2: B**



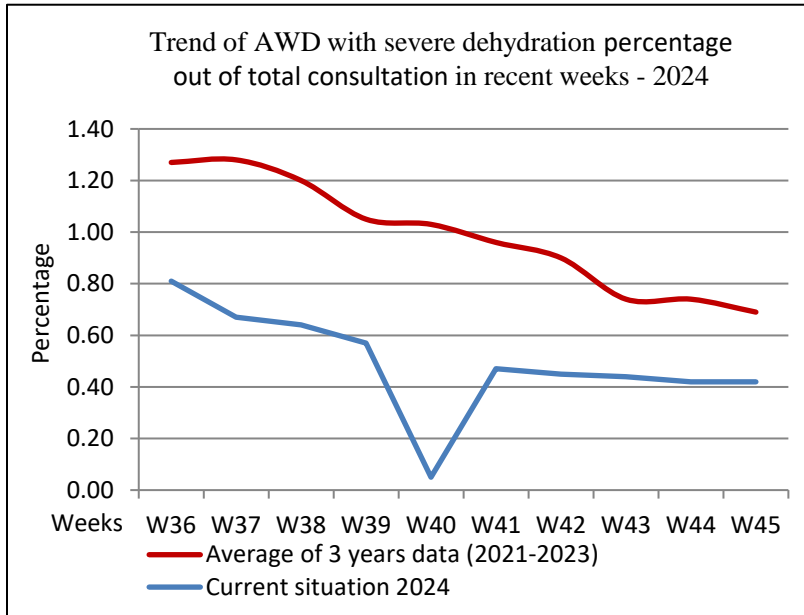
**Seasonal Diseases:**  
**Figure 3: A**



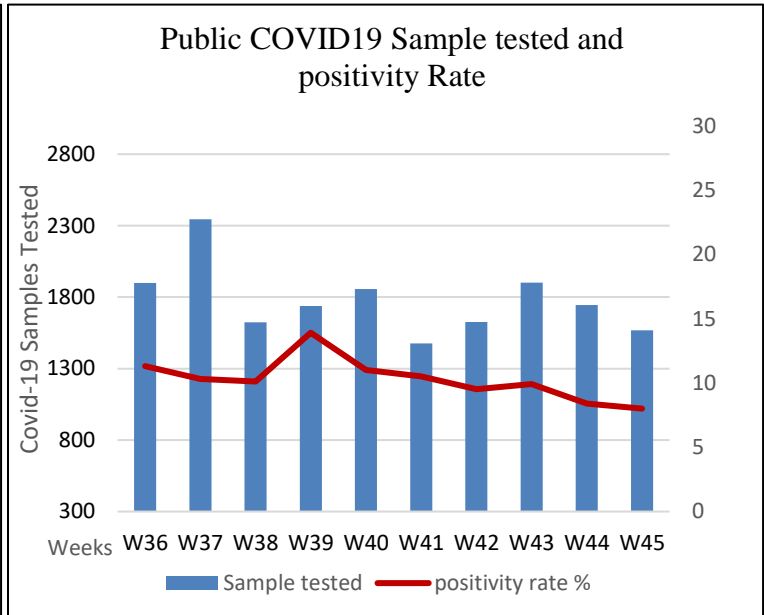
**Figure 3: B**



**Figure 3: C**



**Figure 3: D**



**Table 3: Outbreaks in Week 45<sup>th</sup> 2024:**

AFGHANISTAN   INFECTIOUS DISEASE OUTBREAKS REPORT   Epidemiological week #45-2024								
Event / Diseases Name	Reported date	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage, If VPD	
							Related HF reported coverage	Field Estimated Coverage
<b>Suspected Measles</b>	05/11/24	Ghor	Charsadah	Ghalai Guhar	7	0	72%	90%
	06/11/24	Helmand	Nahri-Saraj	Balosano and Khorin Pool	9	0	89%	15%
	06/11/24	Herat	Injil	Robat Turkan	6	0	90%	70%
	04/11/24	Kabul	7	Dugh abad	6	0	18%	66%
	04/11/24	Nangarhar	Jalalabad	Jalalabad Prison	13	0	100%	53%
	05/11/24	Takhar	Taloqan	Gharum Gari	8	0	60%	20%
	03/11/24	Urozgan	Shahed Asas	Dwan	12	0	27%	68%
	06/11/24		Shaheed Asas	Sarab	10	0	70%	36%
	06/11/24	Zabul	Meezan	Gull Baqi	8	0	0%	0%
<b>Clinical Scabies</b>	05/11/24	Bamyan	Saighan	Ghorab Chi	90	0	NA	NA
	06/11/24	Helmand	Lashkargha	Maha-Jarino	149	0	NA	NA
	03/11/24	Herat	Guzara	Quri Abad	24	0	NA	NA
	03/11/24	Kabul	Musahi	Qala E Sarawand	18	0	NA	NA
	04/11/24	Kabul	Shakar dara	Surkh Belandi	13	0	NA	NA
	05/11/24	Kunar	Asadabad Center	Asadabad Jihadi Madrasa	160	0	NA	NA
	02/11/24	Kunduz	Kunduz	Ashab Sahaf	98	0	NA	NA
	06/11/24	Panjshir	Paryan	Sarshakh	13	0	NA	NA
<b>Dengue Fever</b>	04/11/24	Kabul	7	Deh Dana	2	0	NA	NA
	03/11/24	Nangarhar	Rodat	Shahindano Mina, Kabul Camp	31	0	NA	NA
<b>Chickenpox</b>	08/11/24	Kunduz	Chahar dara	Dobandi	12	0	NA	NA
<b>Food poisoning</b>	02/11/24	Badghis	Bala Murghab	Safid	23	0	NA	NA
<b>Leishmaniasis (cutaneous)</b>	03/11/24	Kunduz	Chahar dara	Chari Abad	23	0	NA	NA



**Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 09 Nov 2024)**

Disease/Event	Disease/Event	Lab-Confirm	Total Cases	Total Deaths
Scabies	416	0	16484	0
Measles	401	191	4600	34
Suspected Chickenpox	229	61	3865	0
Dog bites/Suspected Rabies	89	0	675	3
Pertussis	10	4	175	0
Mumps	17	0	245	0
Impetigo	15	0	341	0
Leishmaniasis	6	3	639	0
Pink Eye	4	0	39	0
ARI/Pneumonia	8	0	499	10
Food Poisoning	20	0	280	0
Dengue Fever	9	7	251	0
Typhoid Fever	7	1	160	0
CCHF	17	17	45	10
ARI cough and cold	1	0	55	0
Neonatal Tetanus	2	0	4	1
COVID-19	5	5	220	4
Anthrax	8	0	11	0
Acute Watery Diarrhea	2	0	238	0
Acute Watery Diarrhea + Dehydration	49	43	528	6
Confirmed Malaria	28	28	2733	0
Acute Bloody Diarrhea	2	0	54	0
Unknown Poisoning	1	0	5	3
Brucellosis	1	0	14	0
Clinical Botulism	2	0	11	1
Viral Hepatitis	3	2	62	0
<b>Grand Total</b>	<b>1352</b>	<b>362</b>	<b>32233</b>	<b>72</b>

**Laboratory surveillance:**

A total of **3527** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **06** specimens were confirmed for Acute Viral Hepatitis, **138** specimens were confirmed for Measles and **39** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

**Influenza Surveillance activities:**

In Epidemiological Week 45, 2024, we have received reports from all ten influenza sites (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa, Paktia, and Badakhshan) provinces. Out of all new hospital admissions, 899 (13,2%) Severe Acute Respiratory Infections cases were reported, and 537 (59%) were under 5 years old. The proportion of SARI cases equal compared to the weeks 44-2024. 35 SARI-associated deaths were reported this week. At the 10 Influenza sentinel sites, the top sites with the highest proportion of SARI cases were Kabul (39%), Bamyan (33.7%) and Kapisa (33,1%). During this week, our field staff collected 60 SARI and 40 ILI specimens, which were then shipped to the NIC in Kabul.

### **COVID-19 Surveillance activities:**

This week, **1576** specimens were tested for the suspected COVID-19. Out of which **127** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 8.1% this week, which decreased 0.3% compared to the previous week.
- Out of **127 confirmed** cases, **264** contacts out of **60** 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 **42821** passengers have been screened for COVID-19 at the three points of entry in (Kandahar, Nimroz and Nimroz provinces).

### **Challenges and recommendations:**

- 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 of 0.2% compared to the previous week.
- Diarrheal diseases cases are on the decreasing trend of 0.3% compared to the previous week.
- Pneumonia cases 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 **951 (IBS+EBS)** suspected Measles cases with **01 (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.