

Summary:

- Out of **613** functional surveillance sentinel sites, **601 (98%)** have submitted reports this week.
- A total of **649,409** new consultations, of which **232,413 (35.8%)** were due to Surveillance targeted diseases. That included **121,053 (52.1%) males** and **111,360 (47.9%) females**. Also, **111,656 (48%)** people under five years old and **120,757 (52%)** people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**110,681 = 17%** cases out of total new consultations), Acute Diarrheal Diseases (**99,122 = 15.3%** cases out of total new consultations), and Pneumonia (**14,029= 2.2%** cases out of total new consultations).
- A total of **366** deaths were reported this week, of which **61 (16.7%)** deaths were due to surveillance-targeted diseases, which include **32 ARI Pneumonia** deaths, **08 suspected Measles** deaths, **08 Acute Watery Diarrhea with Dehydration** deaths, **04 Suspected Meningitis** deaths, **02 suspected Hemorrhagic Fever** deaths, **03 Acute Viral Hepatitis** deaths, **03 COVID-19** deaths and **01 confirmed Malaria** death.
- In addition, during this week, **15** outbreaks were reported: **05 Clinical Scabies** outbreaks were reported from Helmand, Kunduz, Panjshir, Paktia and Wardak provinces, **04 Clinical Chickenpox** outbreaks were reported from Paktia, Parwan and Urozgan provinces, **01 AWD with Dehydration** outbreak was reported from Paktia province, **01 Confirmed CCHF** outbreak was reported from Kunduz province, **01 Dog bite/suspected Rabies** outbreak was reported from Laghman province, **01 Food Poisoning** outbreak was reported from Paktika province, **01 Impetigo** outbreak was reported form Kapisa province and **01 suspected Measle** outbreak was reported form Laghman province.

Moreover, **164** COVID-19 confirmed cases, and **1370** suspected Measles cases (IBS) were reported at the national level.

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

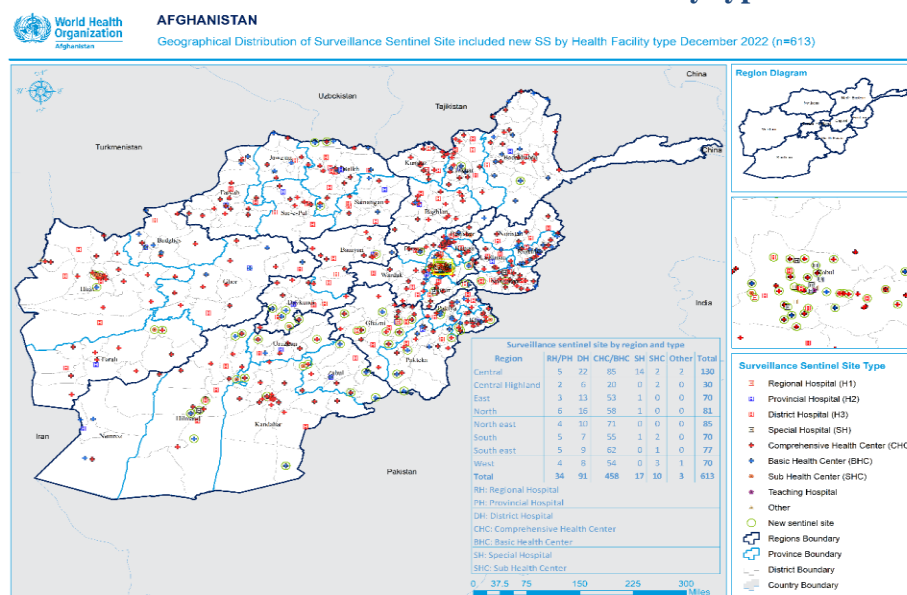


Table 1: Coverage of NDSR Surveillance System

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

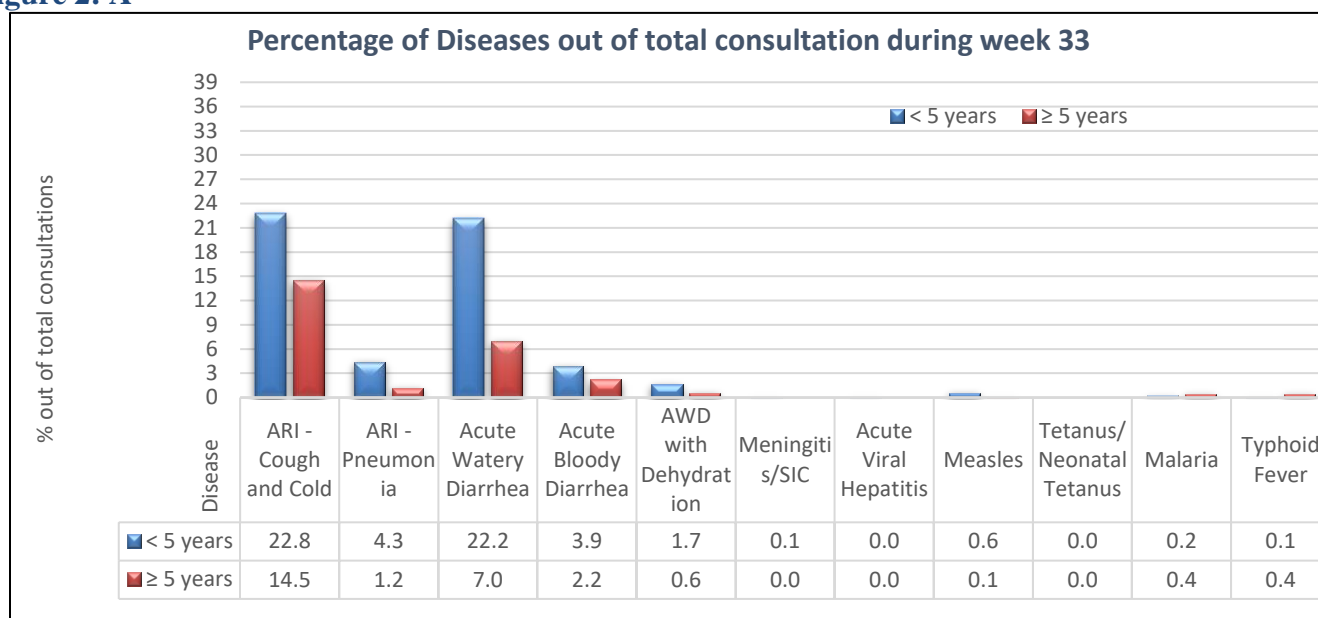
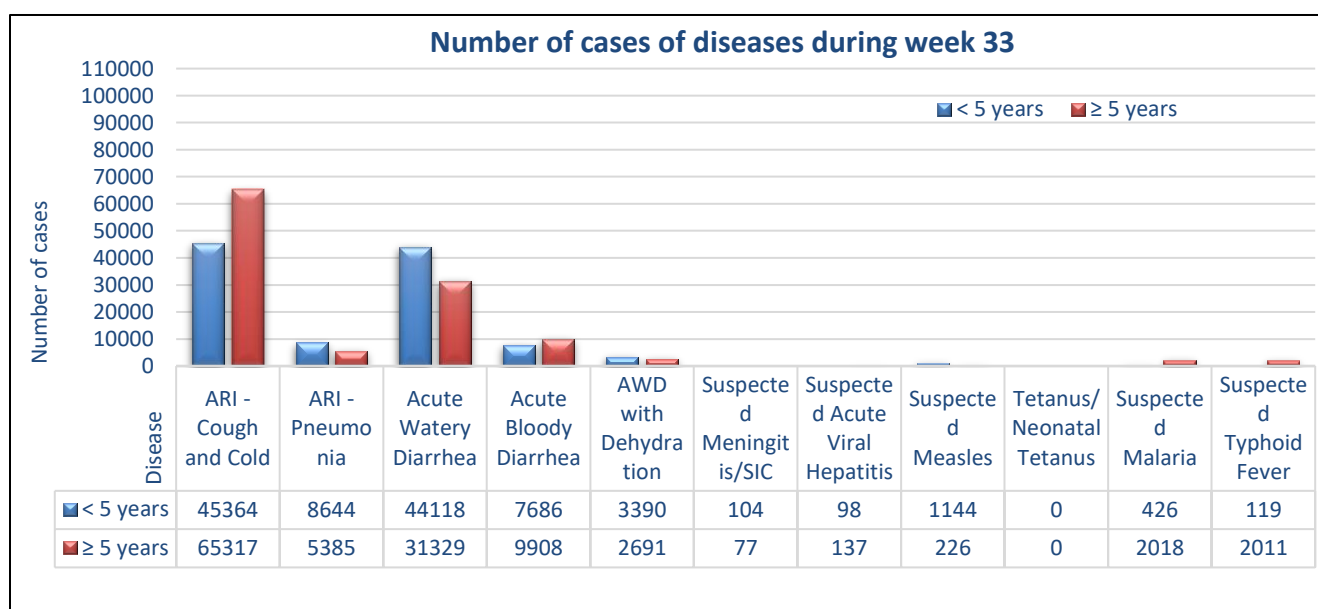


Figure 2: B



Seasonal Diseases:

Figure 3: A

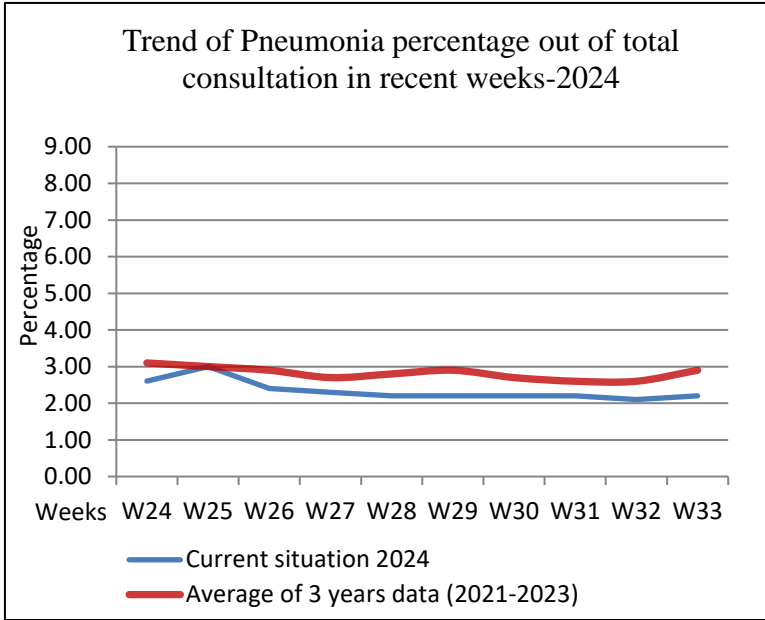


Figure 3: B

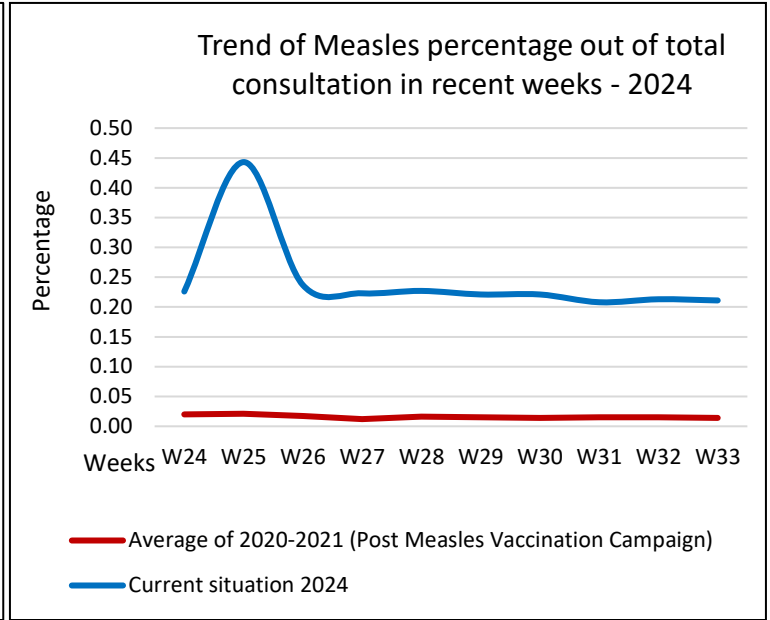


Figure 3: C

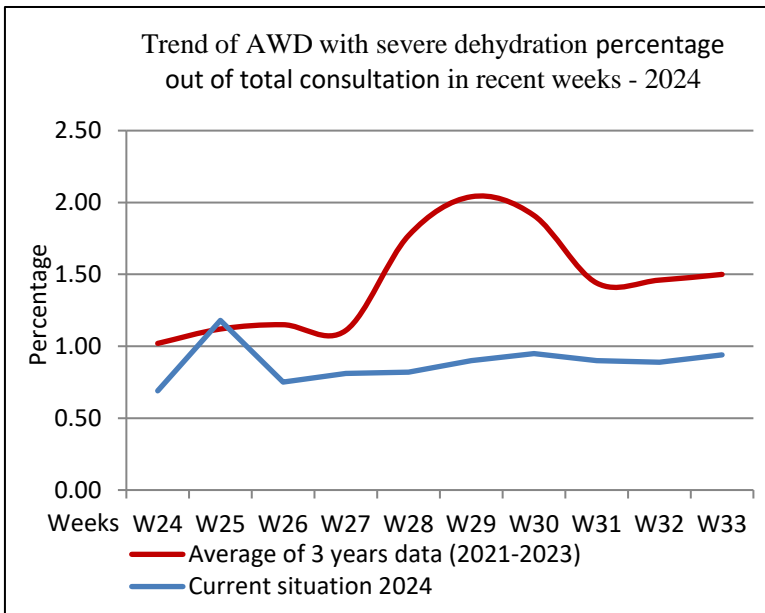


Figure 3: D

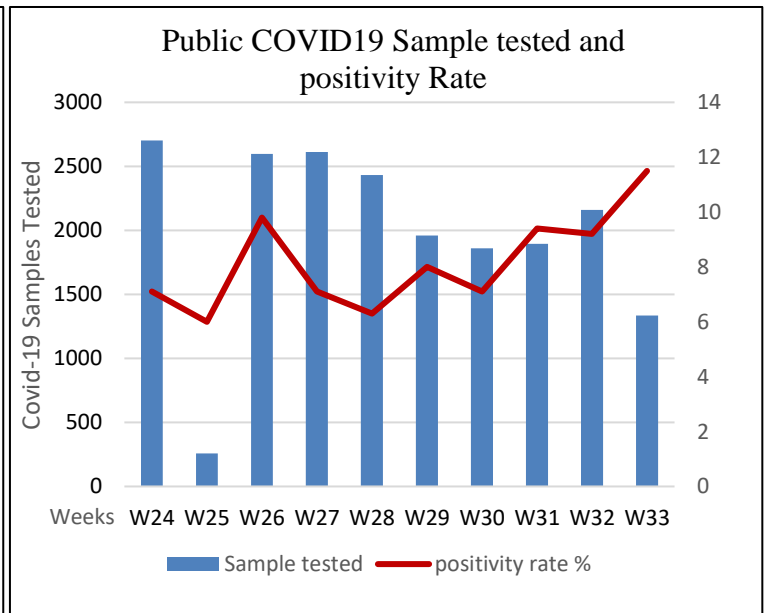


Table 3: Outbreaks in Week 33rd 2024:

AFGHANISTAN INFECTIOUS DISEASE OUTBREAKS REPORT Epidemiological week #33-2024								
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	14/8/24	Helmand	Lashkargha	Serma Walas	8	0	NA	NA
	10/8/24	Kunduz	Kunduz	Sar-E-Dawra	16	0	NA	NA
	12/8/24	Panjshir	Hisa Awal	Qalaa Pain	30	0	NA	NA
	10/8/24	Paktia	Gardiz	Sra Qala	21	0	NA	NA
	10/8/24	Wardak	Chak	Abkazar	125	0	NA	NA
Clinical Chickenpox	11/8/24	Paktia	Gardiz	Lewan	15	0	NA	NA
	12/8/24		Ahmad Aba	Nesty Kot	7	0	NA	NA
	16/8/24	Parwan	Charikar	Khwaja Syaran Payeen	8	0	NA	NA
	13/8/24	Urozgan	Chora	Korak	11	0	NA	NA
AWD with Dehydration	10/8/24	Paktia	Ahmad Aba	Salaam Khil	12	0	NA	NA
Confirmed CCHF	11/8/24	Kunduz	Kudnzu	Si Darak	2	0	NA	NA
Food Poisoning	13/8/24	Paktika	Waza Khwa	Sarwanda	14	0	NA	NA
Impetigo	17/8/24	Kapisa	Kohistan-2	Jamal Agha	9	0	NA	NA
Suspected Measles	15/8/24	Laghman	Alingar	Shkamoosh	27	0	21%	15%
Dog bite/suspected Rabies	16/8/24	Laghman	Mehterlam	Ghulam Khan Qala	5	0	NA	NA

CCHF	14	14	34	10
ARI cough and cold	1	0	55	0
Neonatal Tetanus	2	2	4	1
COVID-19	4	4	213	4
Anthrax	3	0	3	0
Acute Watery Diarrhea	2	0	20	0
Acute Watery Diarrhea + Dehydration	21	19	233	0
Confirmed Malaria	16	16	1944	0
Acute Bloody Diarrhea	2	0	54	0
Grand Total	1077	284	25549	56

Laboratory surveillance:

A total of **2861** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **10** specimens were confirmed for Acute Viral Hepatitis, **54** specimens were confirmed for Measles and **86** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 33rd 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, 617 (11,5%) Severe Acute Respiratory Infections cases were reported, and 346 (56%) were under 5 years old. The proportion of SARI cases Increased compared to weeks 32–2024. 17 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 (27%), Bamyan (25,4%), and Paktia (17%). During this week, our field staff collected 30 SARI and 20 ILI specimens, which were then shipped to the NIC in Kabul.

COVID-19 Surveillance activities:

This week, **1335** specimens were tested for the suspected COVID-19. Out of which **164** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 12.3% this week, which increased 3.2% compared to the previous week.
- Out of **164 confirmed** cases, **199** contacts out of **51** 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 **16,542** passengers have been screened for COVID-19 at the four points of entry in (Herat, Kandahar, Nangarhar, and Nimroz) provinces.

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 0.1% compared to the previous week.
- Diarrheal diseases are on the decreasing trend 0.1% 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 **1397 (IBS+EBS)** suspected Measles cases with **08 (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.