

Summary:

- Out of 613 functional surveillance sentinel sites, 608 (99.2%) have submitted reports this week.
- A total of 696,249 new consultations, of which 248,374 (35.7%) were due to Surveillance targeted diseases. That included 130,073 (52.4%) males and 118,301 (47.6%) females. Also, 118,204 (47.6%) people under five years old and 130,170 (52.4%) people five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (129,248 = 18.6% cases out of total new consultations), Acute Diarrheal Diseases (93,064 = 13.4% cases out of total new consultations), and Pneumonia (17,238= 2.5% cases out of total new consultations).
- A total of 358 deaths were reported this week, of which 57 (16%) deaths were due to surveillance-targeted diseases, which include 34 ARI Pneumonia deaths, 06 suspected Measles deaths, 03 Acute Watery Diarrhea with Dehydration deaths, 08 Suspected Meningitis deaths, 01 suspected Hemorrhagic Fever death, 02 Acute Viral Hepatitis deaths, 02 COVID-19 deaths and 01 Neonatal Tetanus death.
- In addition, during this week, 21 outbreaks were reported: 06 Clinical Scabies outbreaks were reported from Farah, Herat, Kabul, Logar and Nuristan provinces, 01 Suspected Impetigo outbreak was reported from Kunduz province, 03 Clinical Chickenpox outbreaks were reported from Bamyan, Parwan and Paktia provinces, 01 Dog bite/ suspected Rabies outbreak was reported from Helmand provinces, 02 Confirmed Malaria outbreaks were reported Nangarhar and Farah provinces, 02 Suspected Measles outbreaks were reported from Ghazni and Kabul provinces, 01 Acute Watery Diarrhea outbreak was reported from Badakhshan province, 01 Anthrax outbreak was reported from Herat province, 01 Confirmed CCHF outbreak was reported from Kunar Province, 01 Dengue Fever outbreak was reported from Nangarhar province, 01 Mushroom Poisoning outbreak was reported from Kapisa province, and 01 Suspected Botulism outbreak was reported from Balkh province.

Moreover, 151 COVID-19 confirmed cases, and 1265 suspected Measles cases (IBS) were reported at the national level.

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

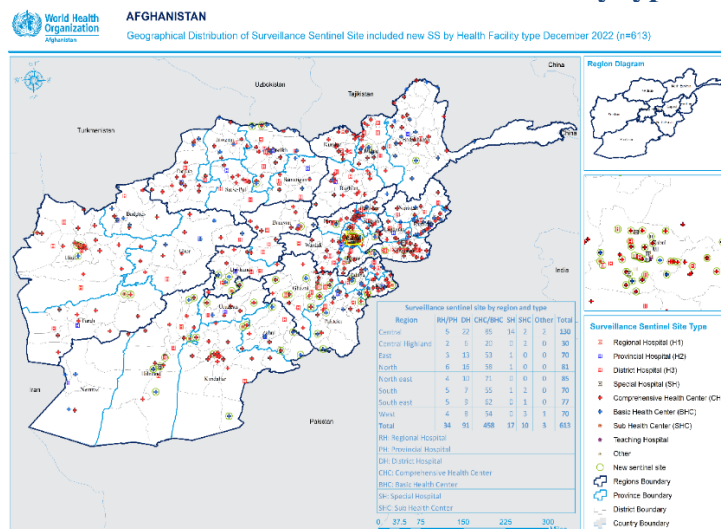


Table 1: Coverage of NDSR Surveillance System

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

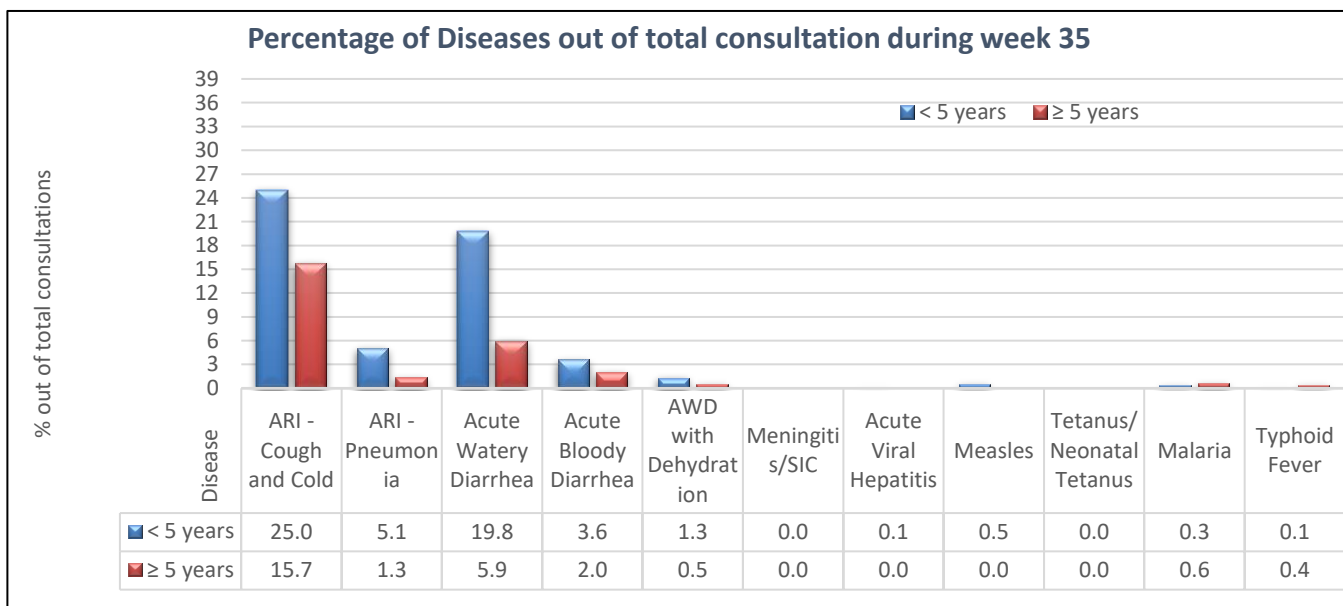
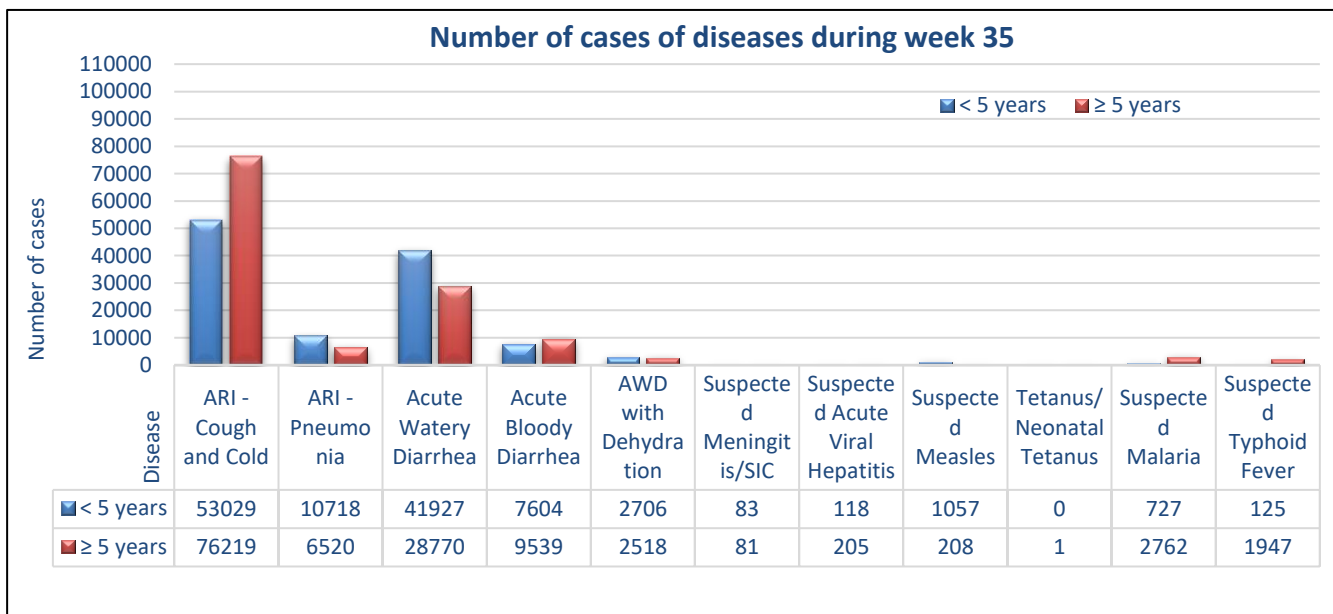


Figure 2: B



Seasonal Diseases:

Figure 3: A

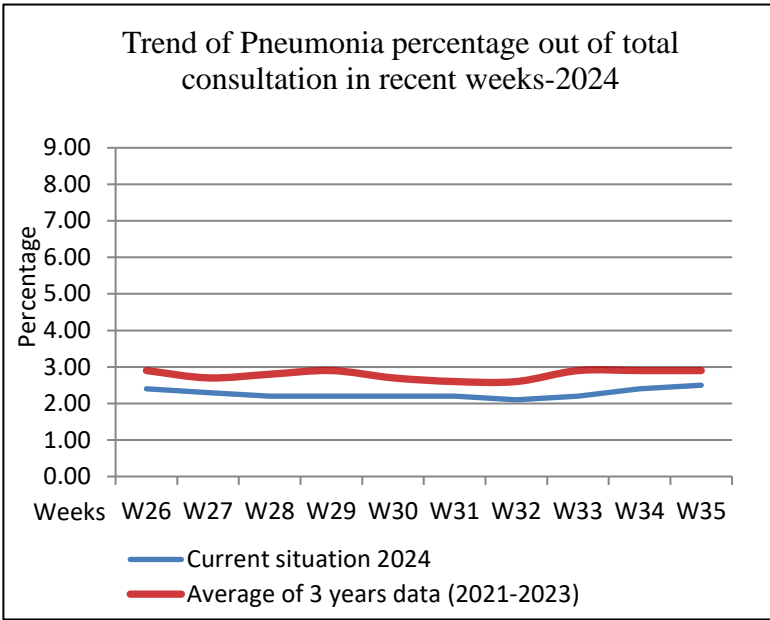


Figure 3: B

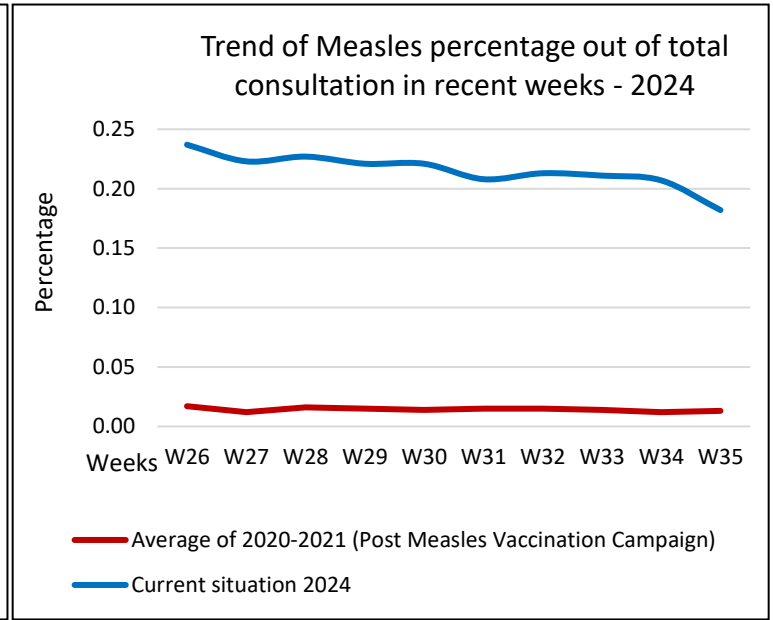


Figure 3: C

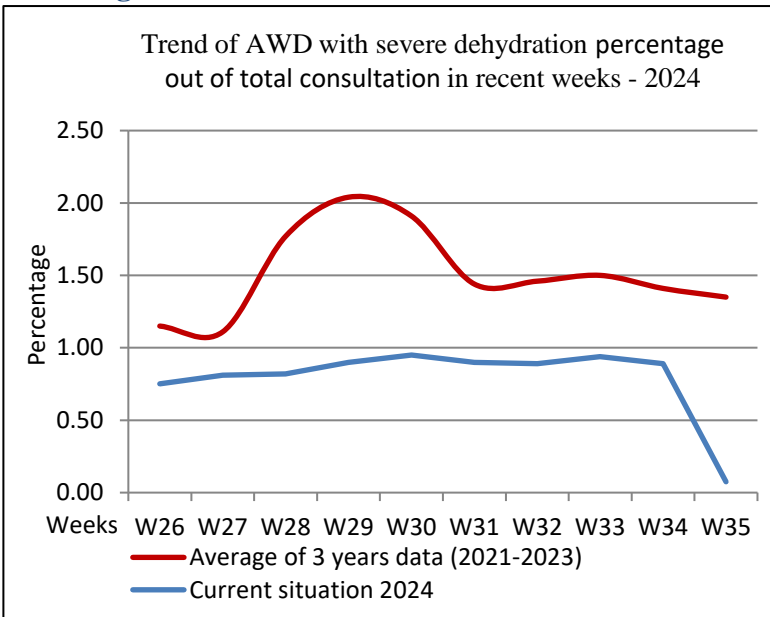


Figure 3: D

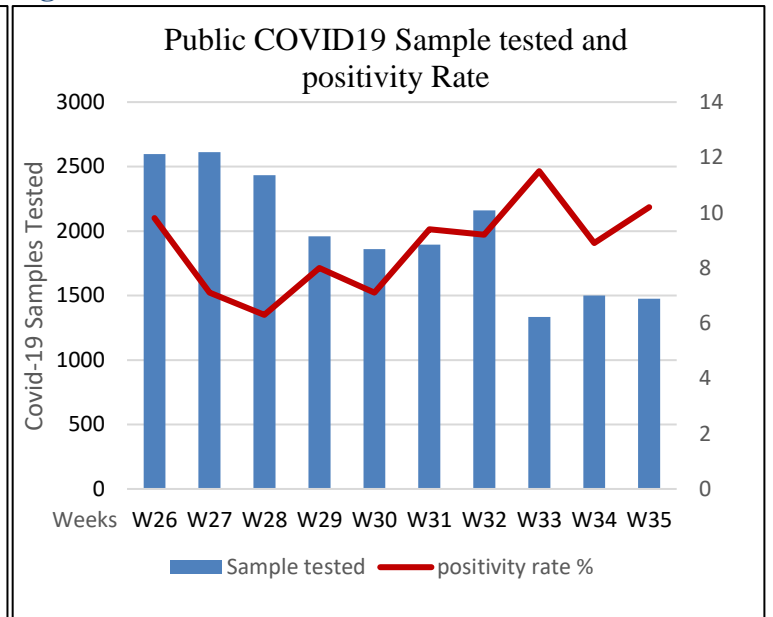


Table 3: Outbreaks in Week 35th 2024:

AFGHANISTAN INFECTIOUS DISEASE OUTBREAKS REPORT Epidemiological week #35-2024								
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	28-8-24	Farah	Farah Center	Juvenile Rehabilitation Center	65	0	NA	NA
	31-8-24	Herat	Guzara	Shahrak Khatamull Anbiya	13	0	NA	NA
	30-8-24	Kabul	21	Ghaziabad	31	0	NA	NA
	25-8-24	Logar	Charkh	Dabar Khwaja	26	0	NA	NA
	24-8-24	Nuristan	Paroon	Jihade Madrasa	200	0	NA	NA
	25-8-24	Nuristan	Noorageram	Samardary " Nimka" Dost o"Brag	75	0	NA	NA
Clinical Impetigo	26-8-24	Kunduz	Kalbad	Kalbad Arbia	40	0	NA	NA
Clinical Chickenpox	25-8-24	Bamyan	Waras	Chardiwali Qawmsultan	14	0	NA	NA
	30-08-2024	Paktia	Gardez	Baland Manzal	10	0	N/A	N/A
	27-08-2024	Parwan	Charikar	Dushte Hofyan	11	0	N/A	N/A
Dog bite / suspected Rabies	25-08-2024	Helmand	Lashkargha	Kariz Medan Haji Agh Mo	7	0	NA	NA
Suspected Measles	25-08-2024	Ghazni	Andar	Shajoe	9	0	45%	0%
	27-08-2024	Kabul	21	Sheen Maktab Pule Charkhi	7	0	75%	69%
Acute Watery Diarrhea	29-08-2024	Badakhshan	Yamgan	Sarab And Arkhi	80	0	NA	NA
Anthrax	25-08-2024	Herat	Guzarah	Qolbeh Gaz	4	0	NA	NA
Confirmed CCHF	28-08-2024	Kunar	Sarkani	Sarkani	2	0	NA	NA
Confirmed Malaria	26-08-2024	Nangarhar	Agam	Pacheer CHC Catchment Area	138	0	NA	NA
	11-08-2024	Farah	Balabulok	Kariz Naw	73	0	NA	NA
Dengue Fever	27-08-2024	Nangarhar	Mahmandara	Ghazgi And Gardighaus	93	0	NA	NA

Mushroom poisoning	31-08-2024	Kapisa	Nijrab	Zanda Ghain	4	0	NA	NA
Suspected Botulism	23-08-2024	Balkh	Mazar-I-Sharif City	Karti Soul	9	1	NA	NA

Figure 4: Clinical Scabies, Clinical Impetigo, Clinical Chickenpox, Dog bite/ suspected Rabies, Suspected Measles, Acute Watery Diarrhea, Anthrax, Confirmed CCHF, Dengue Fever, Mushroom Poisoning, Suspected Botulism, Confirmed Malaria, COVID-19 cases, and deaths during the week 35th 2024.

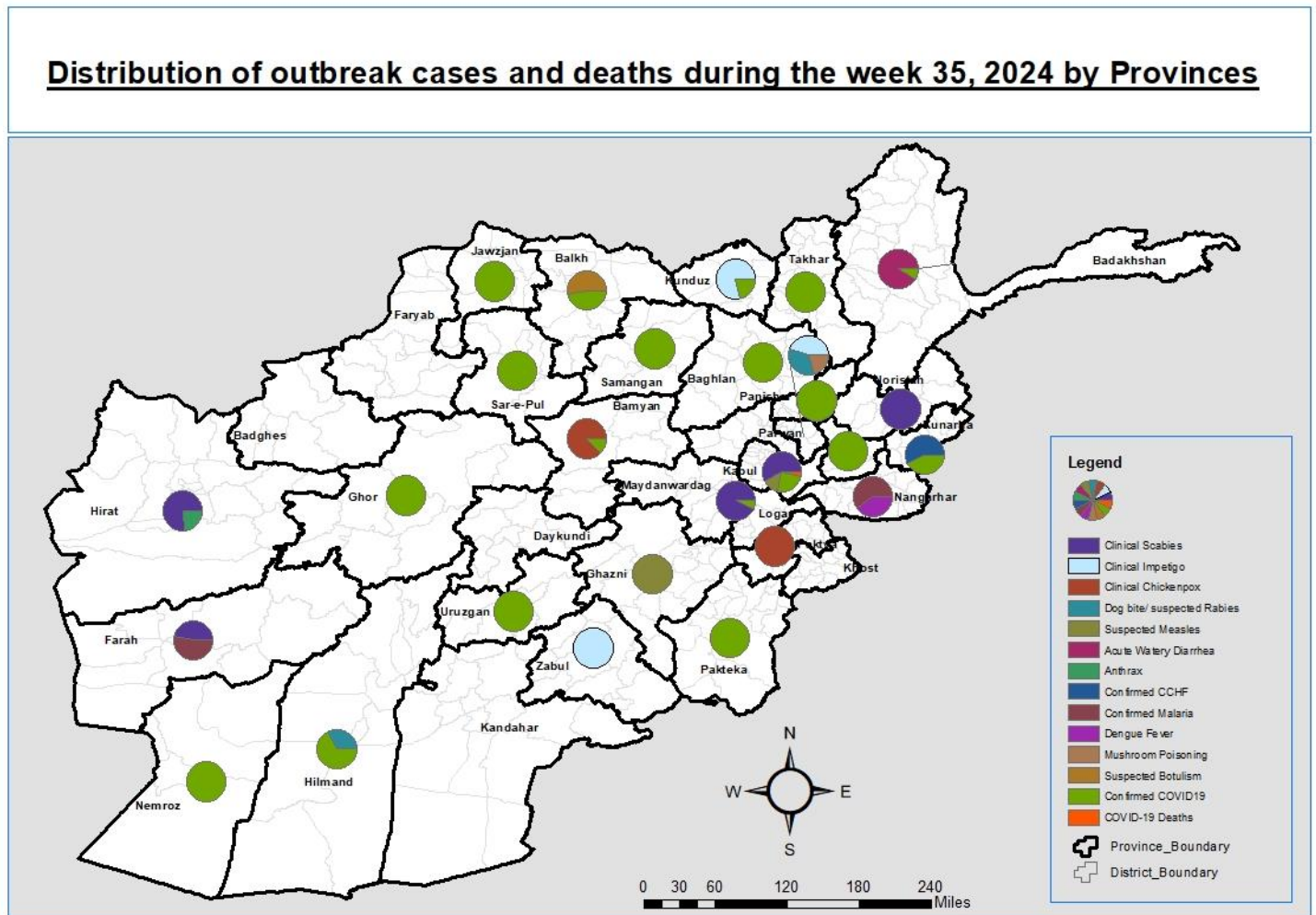


Table 4: Updated cumulative outbreak reports during 2024 (31 Dec 2023 to 31 Aug 2024)

Disease/Event	Disease/Event	Lab-Confirm	Total Cases	Total Deaths
Scabies	348	0	13596	0
Measles	346	175	4058	31
Suspected Chickenpox	210	47	3465	0
Dog bites/Suspected Rabies	67	0	530	0
Pertussis	9	0	167	0
Mumps	16	0	433	0
Impetigo	9	0	211	0
Leishmaniasis	5	3	616	0

Pink Eye	4	0	36	0
ARI/Pneumonia	8	0	300	10
Food Poisoning	15	0	195	0
Dengue Fever	5	5	180	0
Typhoid Fever	6	0	127	0
CCHF	15	15	36	10
ARI cough and cold	1	0	55	0
Neonatal Tetanus	2	2	4	1
COVID-19	4	4	213	4
Anthrax	4	0	7	0
Acute Watery Diarrhea	3	0	100	0
Acute Watery Diarrhea + Dehydration	24	19	512	4
Confirmed Malaria	21	21	2389	0
Acute Bloody Diarrhea	2	0	54	0
Unknown Poisoning	1	0	5	3
Brucellosis	1	0	14	0
Clinical Botulism	1	0	9	1
Grand Total	1127	291	27312	64

Laboratory surveillance:

A total of **3119** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **34** specimens were confirmed for Acute Viral Hepatitis, **24** specimens were confirmed for Measles and **94** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 35th 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, 611 (11,5%) Severe Acute Respiratory Infections cases were reported, and 337 (55,1%) were under 5 years old. The proportion of SARI cases increased compared to weeks 34–2024. 18 SARI-associated deaths were reported this week. At the 10 Influenza sentinel sites, the top sites with the highest proportion of SARI cases were Bamyan (23,6%), Kabul (23 %) and Kapisa (19,2%). 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, **867** specimens were tested for the suspected COVID-19. Out of which **151** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 17.4% this week, which increased 7.4% compared to the previous week.
- Out of **151 confirmed** cases, **260** contacts out of **72** 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 **51,90** passengers have been screened for COVID-19 at the two points of entry in (Kandahar 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 1.3% compared to the previous week.
- Diarrheal diseases are on the decreasing trend 1.2% 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 **1281 (IBS+EBS)** suspected Measles cases with **06 (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.