

Summary:

- Out of **613** functional Surveillance sentinel sites, **604 (98.5%)** have submitted reports this week.
- A total of **678,119** new consultations, of which **252,233 (37.2%)** were due to Surveillance targeted diseases. That included **135,382 (53.7%) males** and **116,851 (46.3%) females**. Also, **123,702 (49%)** under five years old and **128,531 (51%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**118,679 = 17.5%** cases out of total new consultations), Acute Diarrheal Diseases (**110,095 =16.2%** cases out of total new consultations), and Pneumonia (**16,044 = 2.4%** cases out of total new consultations).
- A total of **262** deaths were reported this week, of which **93 (37.7%)** were due to surveillance-targeted diseases, which include **64 pneumonia** deaths, **09 Suspected Hemorrhagic Fever** deaths, **06 Acute Watery Diarrhea with Dehydration** deaths, **06 Suspected Meninges / Severely Ill Child** deaths, **05 Pregnancy-related** deaths, **01 Suspected Measles** death, **01 Suspected Acute Viral Hepatitis** death and **01 COVID-19** death.
- In addition, during this week, **18** outbreaks were reported: **06 Chickenpox** outbreaks were reported from **Kabul, Herat, Kapisa, Laghman, Zabul and Bamyan** provinces, **03 Clinical Pertussis** outbreaks were reported from **Urozgan and Zabul** provinces, **02 Clinical Scabies** outbreaks were reported from **Kabul and Kapisa** provinces, **02 Clinical Mumps** outbreaks were reported from Bamyan province, **02 Measles** outbreaks were reported from **Kabul and Logar** provinces, **01 Malaria** outbreak was reported from **Helmand** province, **01 Food Poisoning** was reported from **Kapisa** province and **01 Cow bite/ Suspected Rabies** outbreak was reported from **Wardak** province.
- Moreover, **207** COVID-19 confirmed cases and 448 suspected measles cases were reported at the national level.
- **Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2023**

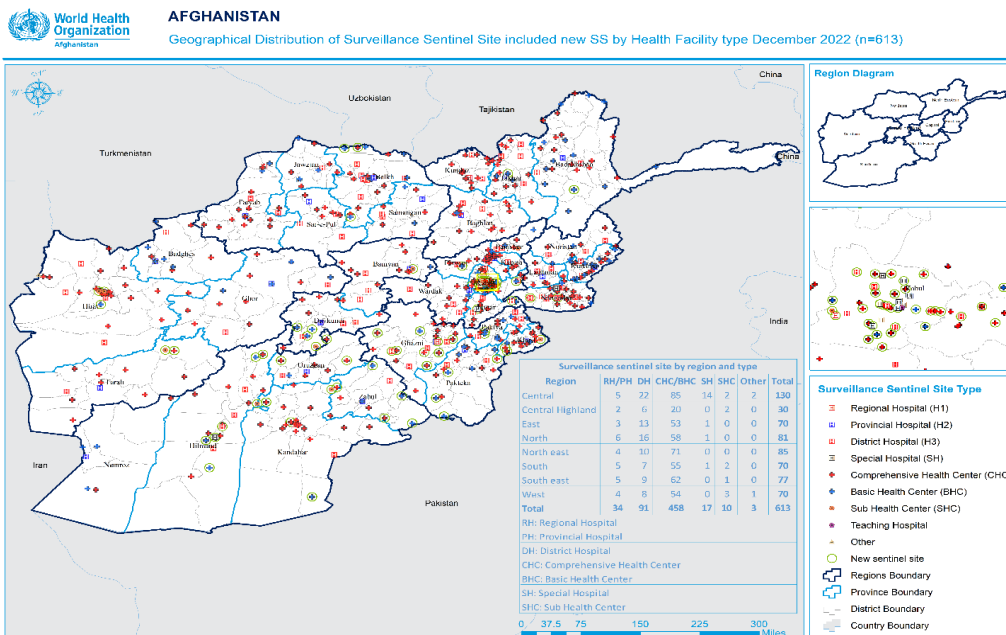


Table 1: Coverage of NDSR Surveillance System

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

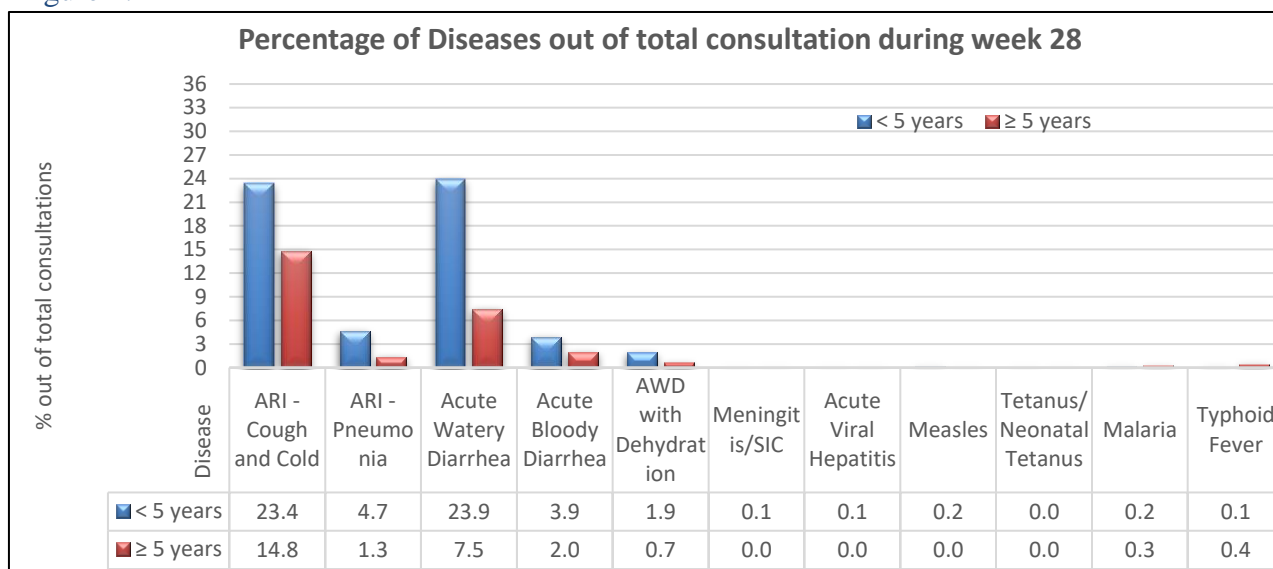
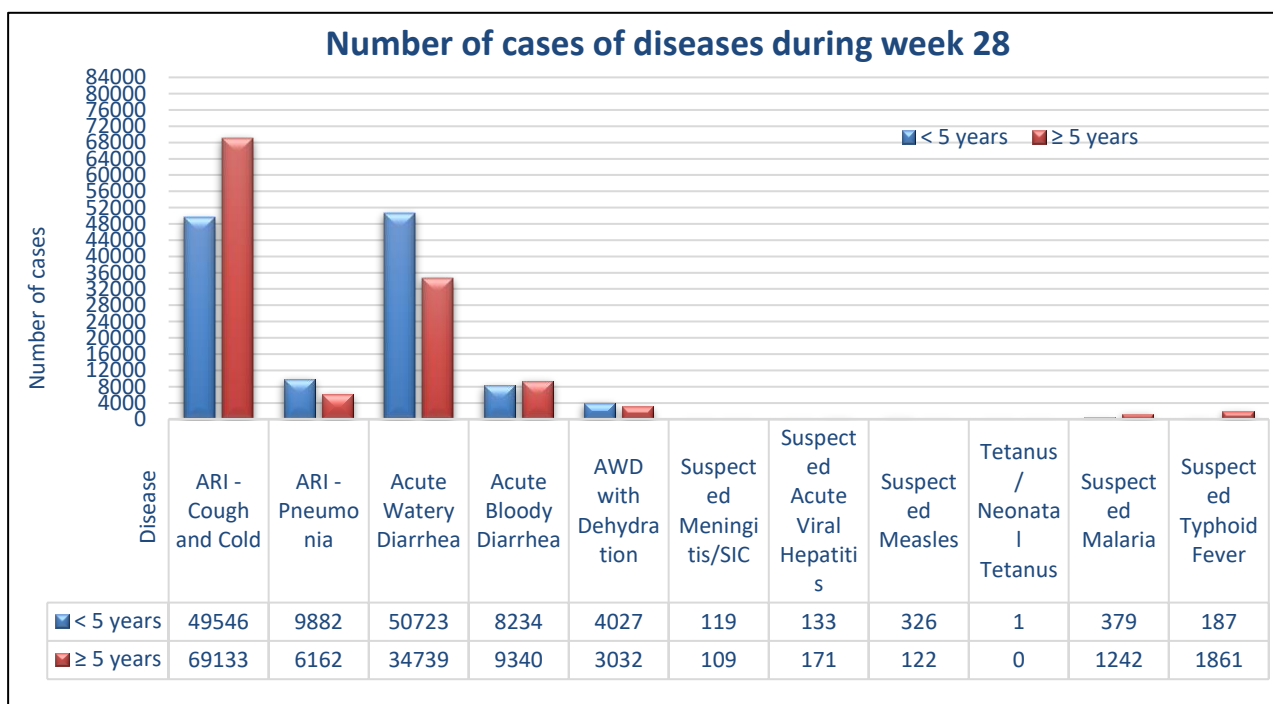


Figure 2: B



Seasonal Diseases:

Figure 3: A

Trend of Pneumonia percentage out of total consultation in recent weeks-2023

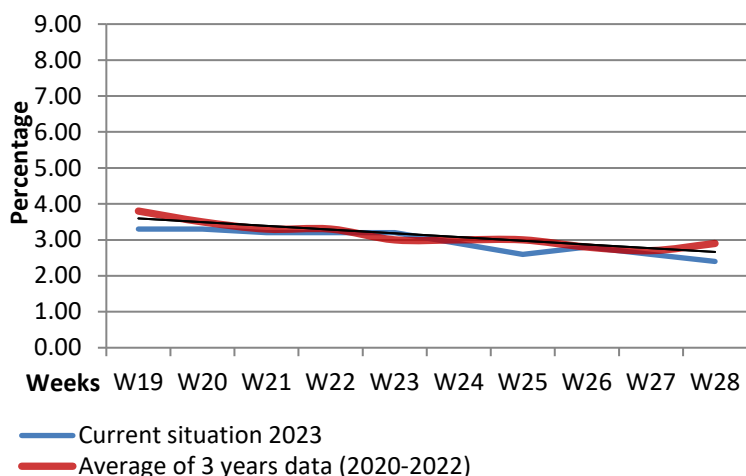


Figure 3: B

Trend of Measles percentage out of total consultation in recent weeks-2023

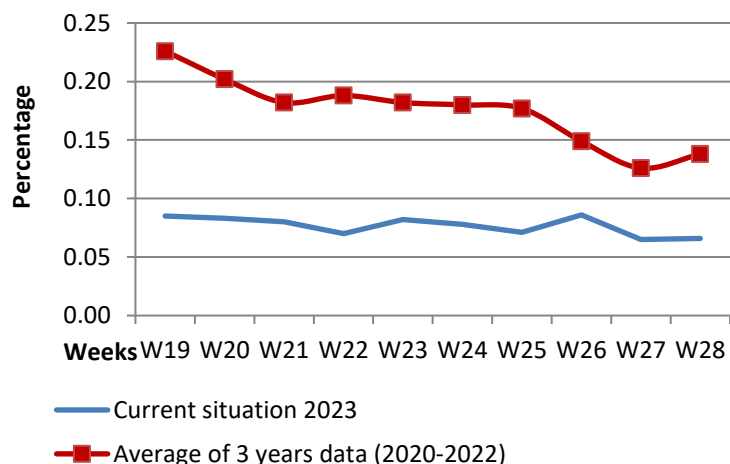


Figure 3: C

Trend of AWD with severe dehydration percentage out of total consultation in recent weeks-2023

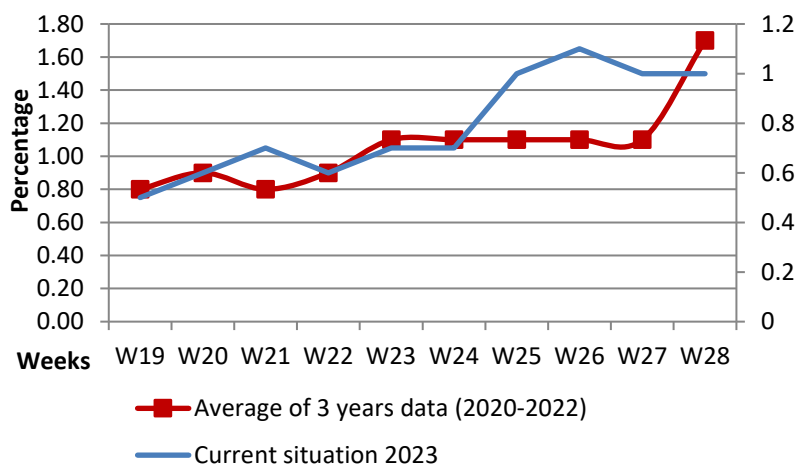


Figure 3: D

Public COVID19 Sample tested and positivity Rate

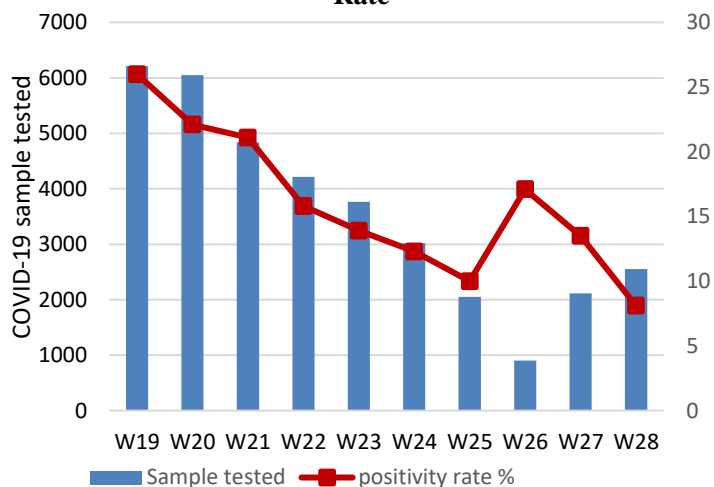


Table 3: Outbreaks in week 28th 2023:

Suspected Chickenpox outbreaks from Kabul, Herat, Kapisa, Laghman, Zabul and Bamyan Provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
11/07/2023	Kabul	Kabul	Qala-E-Barqi	9	0	During this Week, 06 Suspected Chickenpox Outbreaks were

10/07/2023	Herat	Injil	Sarwestan	17	0	reported from Kabul, Herat, Kapisa, Laghman, Zabul and Bamyan Provinces, and case management was done. health education sessions were conducted for all the cases.
11/07/2023	Kapisa	Center	Ghani Khail	7	0	
09/07/2023	Laghman	Alingar	Gamba	11	0	
09/07/2023	Zabul	Nowbahar	Sardi	27	0	
05/07/2023	Bamyan	Shebar	Baghak	11	0	

Suspected Pertussis outbreaks from Urozgan and Zabul provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
10/07/2023	Urozgan	Tarinkot	Sorghmarghab	25	0	During this week, 03 Suspected Pertussis outbreaks were reported from Urozgan and Zabul provinces, and case management was done, health education sessions were conducted for all the cases.
10/07/2023		Tarinkot	Khiro Kariz	9	0	
12/07/2023	Zabul	Shah Joy	Haji Mo Village	34	0	

Suspected Scabies outbreaks from Kabul and Kapisa provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
13/7/2023	Kabul	District 8	Sare Tapa	37	0	During this week, 02 Suspected Scabies outbreaks were reported from Kabul and Kapisa provinces, and case management was done, health education sessions were conducted for all the cases.
11/07/2023	Kapisa	Nijrab	Tap-E-Ahmad Biak	7	0	

Clinical Mumps outbreaks from Bamyan province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
08/7/2023	Bamyan	Yakawlang	Gazak School	36	0	During this week, 02 Clinical Mumps outbreaks were reported from Bamyan province, and case management was done, health education sessions were conducted for all the cases.
08/07/2023	Bamyan	Panjab	Different villages	53	0	

Suspected Measles outbreaks from Kabul and Logar provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage	Recommendation/Action take
----------------	----------	----------	---------	-------------	--------------	----------------------	----------------------------

09/07/2023	Kabul	District 13	Dashte Barchi	6	0	NA	NA	During this week, 02 Suspected Measles Outbreaks were reported from Kabul and Logar provinces and case management was done. Health education sessions were conducted for all the cases
09/07/2023	Logar	Puli Alam	Shahrak Muhajerin	7	0	75%	35%	

Confirmed Malaria Outbreak from Helmand province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
13/07/2023	Helmand	Nawa	Kharaba Village	9	0	During this Week, 01 Confirmed Malaria Outbreak was reported from Helmand province, and case management was done, health education sessions was conducted for all the cases.

Food Poisoning Outbreak from Kapisa Province

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
09/07/2023	Kapisa	Center	Takhet Koh	42	0	During this week, 01 food Poisoning outbreak was reported from Kapisa province, and case management was done. Health education session was conducted for all the cases.

Cow bite/ Suspected Rabies outbreak form Wardak province

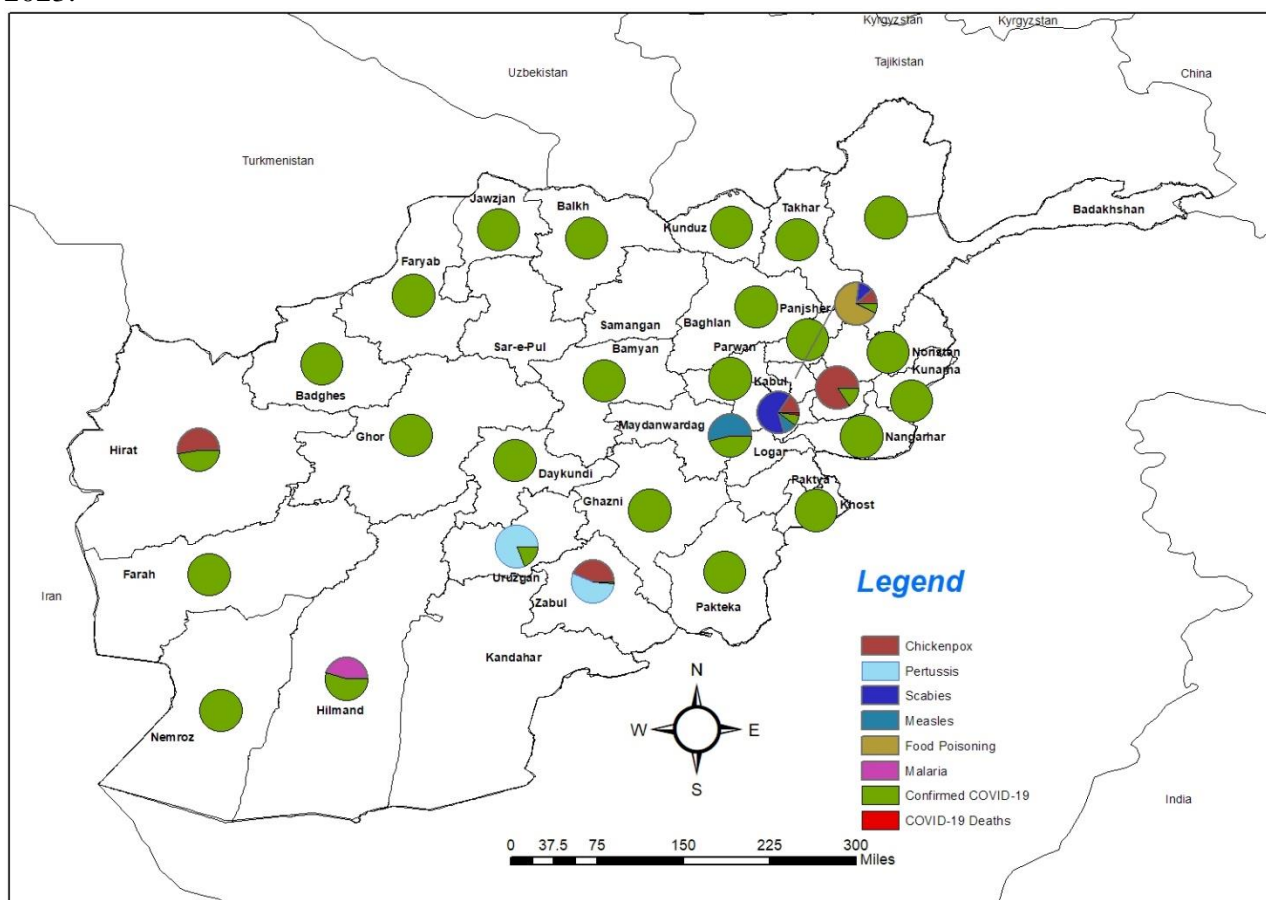
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
11/07/2023	Wardak	Chak	Shahbaz Khan	3	0	During this week, 01 Cow bite/Suspected Rabies outbreak was reported from Wardak province, and case management was done. Health education session was conducted for all the cases.

Table 4: Updated outbreaks report during 2023 (01 Jan 2023 to 15 July 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	164	101	2000	11
Suspected Chickenpox	136	4	2868	0
Scabies	111	0	4595	0
Mumps	48	3	747	0
Dog bites/Suspected Rabies	40	0	330	0
Pertussis	36	0	588	1
Pneumonia	28	1	1135	24
Malaria	13	13	1513	0
Leishmaniasis	9	1	788	0
CCHF	14	14	123	10
Food poisoning	8	0	117	0
Anthrax	3	0	3	0
Unknown Poisoning	3	0	178	0
Typhoid Fever	2	0	39	0

Acute Bloody diarrhea	2	0	124	0
ARI	2	0	113	2
COVID 19	1	1	99	0
Acute watery Diarrhea (Dehydration)	2	2	2	0
Tinea Capitis	1	0	14	0
Skin diseases	1	0	545	0
Tetanus	1	0	3	0
Acute Viral Hepatitis	1	1	10	0
Dengue fever	1	0	2	1
Cat bites/Suspected Rabies	1	0	5	0
Cow bites/Suspected Rabies	1	0	3	0
Grand Total	629	141	15944	49

Figure 4: Suspected Chickenpox, Clinical Pertussis, Clinical Scabies, Suspected Measles, Suspected Food Poisoning, Confirmed Malaria and Covid-19 cases and deaths during the week 28th 2023.



Laboratory surveillance:

A total of **4127** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **36** specimens were confirmed for Malaria, **05** specimens were confirmed for Measles, **07** specimens were confirmed for Acute Viral Hepatitis, **11** specimens were confirmed for Cholera, **07** specimens were confirmed for CCHF, **02** specimen were confirmed for Brucellosis and **02** specimen were confirmed for Dengue Fever(Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 28th 2023, we received reports from 09 out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa, and Paktia). Out of all new hospital admissions, 148 (4.1%) severe acute respiratory infection cases were reported, and 58% were under 5 years old. The proportion of SARI cases was slightly increased compared to week 27th 2023. 01 SARI-associated death was reported this week. At the 09 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kabul (29%), Bamyan (12.4%), and Kapisa (12.3%). During this Epi-Week, our field staff shipped 27 SARI and 18 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **2553** specimens were tested for suspected COVID-19. Out of which **207** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 8.1 % this week, which decreased 5.4 % compared to the previous week.
- Out of **207 confirmed** cases, **634** contacts out of **163** 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 **35,356** passengers have been screened for COVID-19 at the points of entry in five provinces (Balkh, Herat, Nangarhar, Kandahar, and Nimroz).

Challenges:

- CCHF cases are on increasing trend as a public health concern during this season
- Measles cases are still a public health concern in the country, this week **461** (IBS+EBS data) measles cases were reported to the surveillance system.
- ARI cough and cold cases are on decreasing trend compared to the last week
- ARI pneumonia cases are on decreasing (0.2%) trend compared to the last week.
- AWD cases are on the increasing (0.2%) trend compared to the last week
- Weak response system to outbreaks at the national level

Recommendations:

- CCHF preventive and control measure should be strengthened
- COVID-19 preventive and control measures should be strengthened
- Public awareness regarding AWD 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 **461 (IBS+EBS)** suspected Measles cases 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.