

Summary:

- Out of **613** functional Surveillance sentinel sites, **606 (98.9%)** have submitted reports this week.
- A total of **696,445** new consultations, of which **256,264 (36.8%)** were due to Surveillance targeted diseases. That included **136,822 (53.4%) males** and **119,442 (46.6%) females**. Also, **126,366 (49.3%)** under five years old and **129,898 (50.7%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**119,448 = 17.2%** cases out of total new consultations), Acute Diarrheal Diseases (**111,882 =16.1%** cases out of total new consultations), and Pneumonia (**17,129 = 2.5%** cases out of total new consultations).
- A total of **242** deaths were reported this week, of which **68 (28%)** were due to surveillance-targeted diseases, which include **40 pneumonia** deaths, **10 Acute Watery Diarrhea with Dehydration** deaths, **05 Suspected Meninges / Severely Ill Child** deaths, **04 Suspected Hemorrhagic Fever** deaths, **03 Pregnancy-related** deaths, **03 Acute Viral Hepatitis** deaths **02 COVID-19** deaths, and **01 suspected Measles** death.
- In addition, during this week, **19** outbreaks were reported: **07 Chickenpox** outbreaks were reported from **Herat, Kabul, Parwan, Takhar and Bamyan** provinces, **03 Suspected Scabies** outbreaks were reported from **Faryab, Kapisa and Nangarhar** provinces, **02 Measles** outbreaks were reported from **Laghman** and **Paktya** provinces, **01 CCHF** outbreak was reported from **Balkh** province, **02 suspected Botulism** outbreaks were reported from **Badghis and Balkh** provinces, **01 suspected Pertussis** outbreak was reported from **Helmand** province, **01 Dog bite** outbreak was reported from **Herat** province, **01 AWD or probable Cholera** outbreak was reported from **Helmand** province, **01 Anthrax** outbreak was reported from **Balkh** province.
- Moreover, **210** COVID-19 confirmed cases and **477** suspected measles cases were reported at the national level.
- **Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2023**

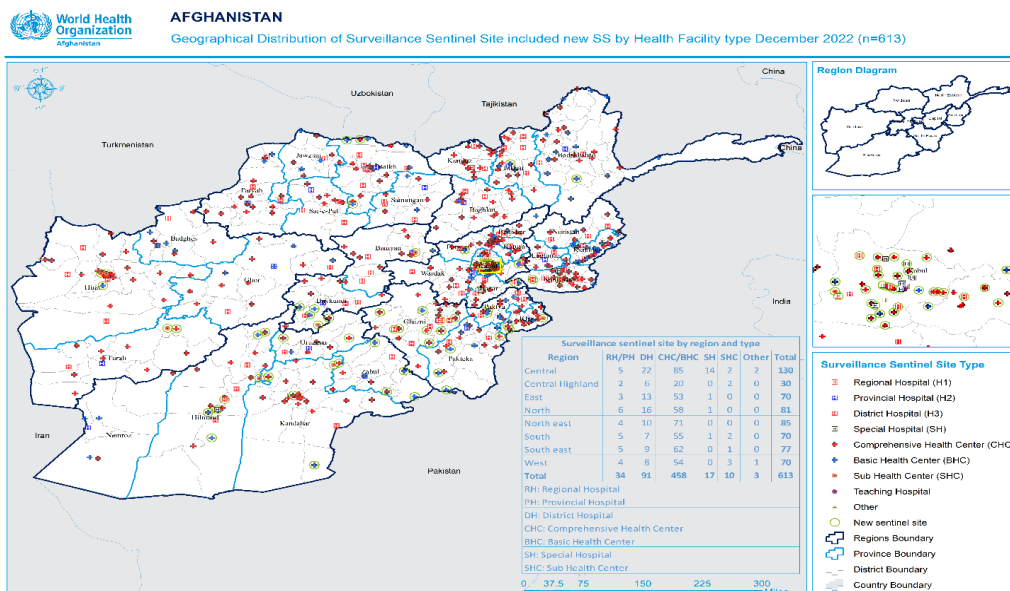


Table 1: Coverage of NDSR Surveillance System

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

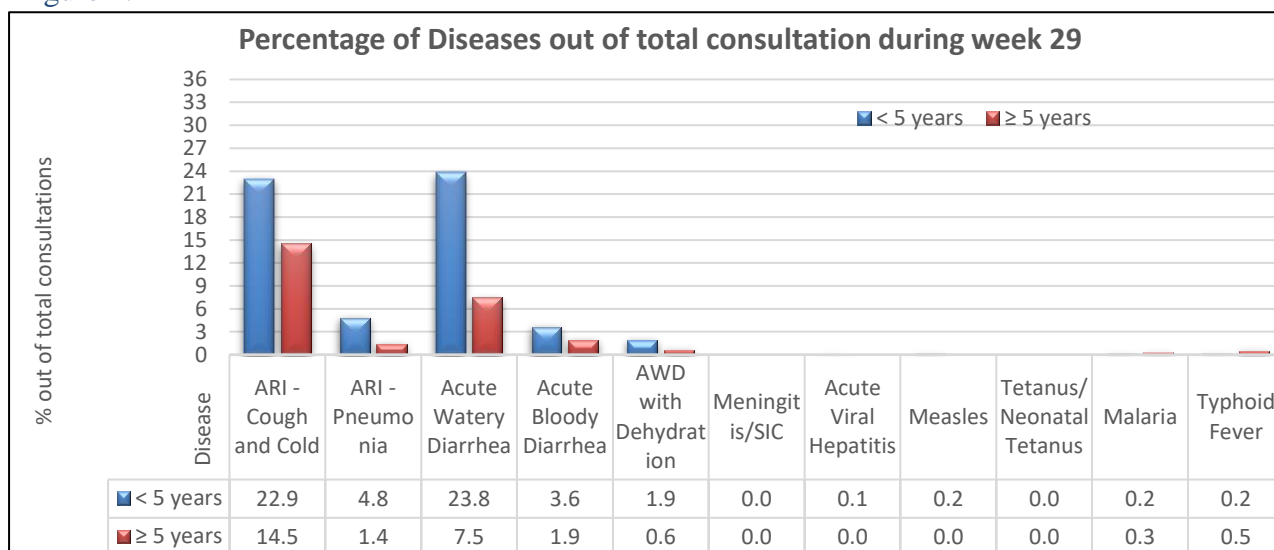
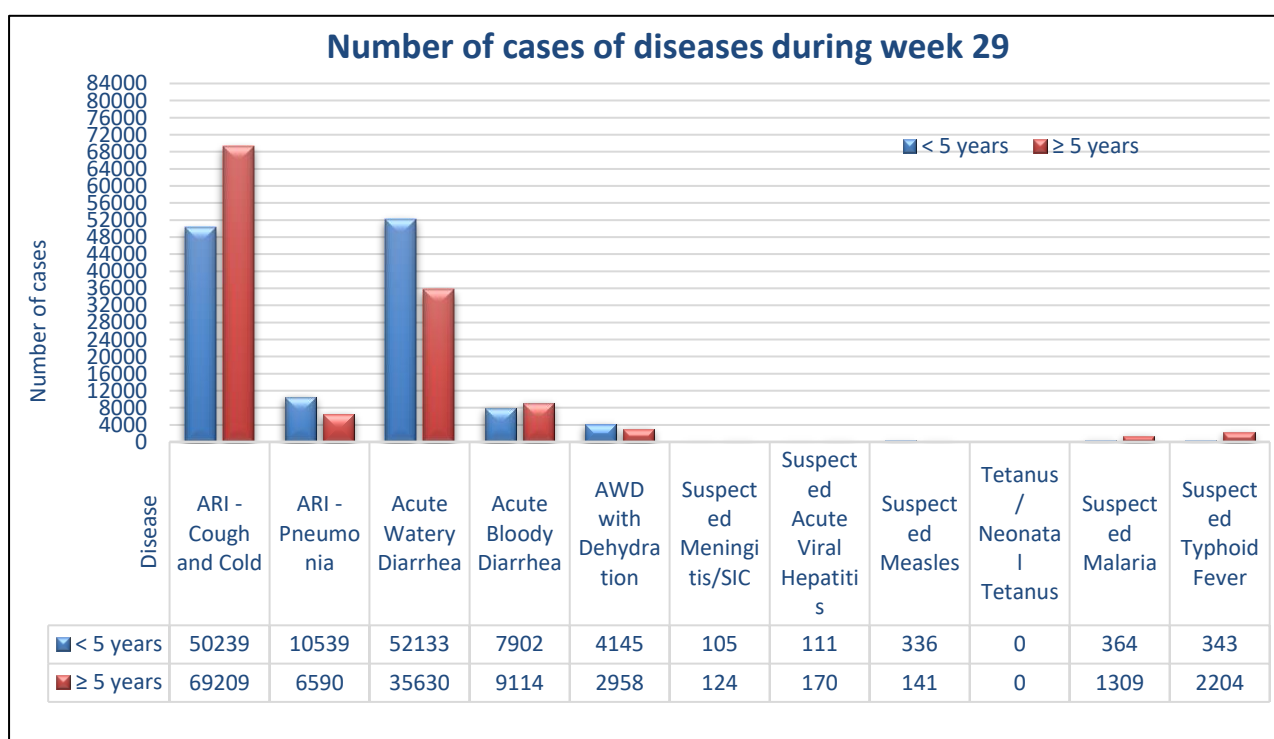


Figure 2: B



Seasonal Diseases:

Figure 3: A

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

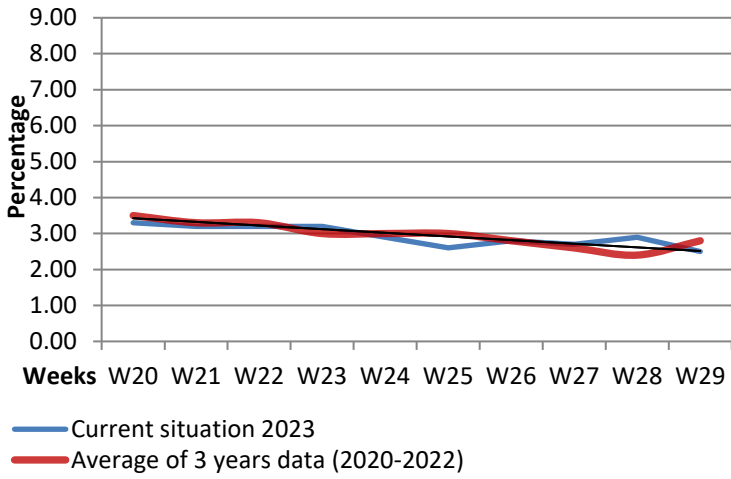


Figure 3: B

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

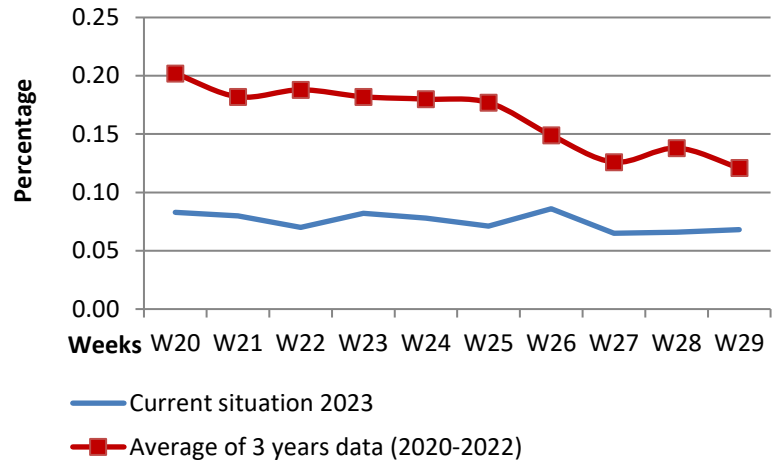


Figure 3: C

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

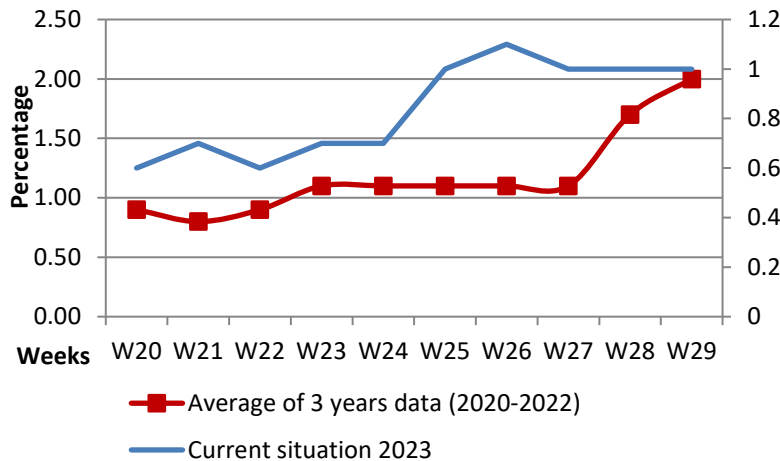


Figure 3: D

Public COVID19 Sample tested and positivity Rate

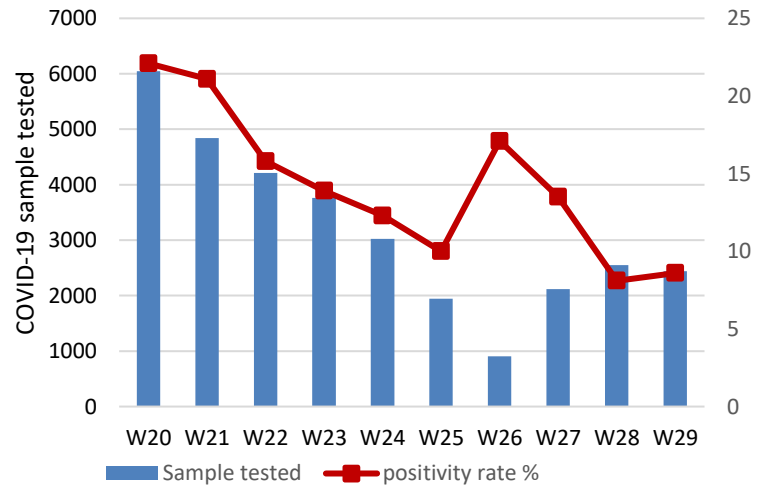


Table 3: Outbreaks in week 29th 2023:

Suspected Chickenpox outbreaks from Herat, Kabul, Parwan Takhar and Bamyan Provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
19/07/2023	Herat	Ghoryan	Rog	40	0	During this Week, 07 Suspected Chickenpox Outbreaks were reported from Herat, Kabul, Parwan Takhar and Bamyan Provinces, and case management
17/7/2023	Kabul	District 8	Kabul Nandaare	6	0	

15/07/2023	Parwan	Bagram	Dehemollah	18	0	was done. health education sessions were conducted for all the cases.
16/07/2023		Jabelseraj	Shaheeda	19	0	
18/07/2023	Takhar	Nahri -E - Chaman	Muqim	21	0	
18/07/2023		Taluqan	Naw Abad Tijar Bashi	10	0	
16/07/2023	Daykundi	Shahristan	Ghochan	10	0	

Suspected Scabies outbreaks from Faryab, Kapisa and Nangarhar provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
15/07/2023	Faryab	Qaisar	Gul Qodugh	10	0	During this week, 03 Suspected Scabies outbreaks were reported from Faryab, Kapisa and Nangarhar provinces, and case management was done, health education sessions were conducted for all the cases.
18/7/2023	Kapisa	Kohband	Jaro Khail	15	0	
16/07/2023	Nangarhar	Batikot	Nawaqil Village	41	0	

CCHF outbreak from Balkh province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
18/07/2023	Balkh	Charkent	Shor Bulaq	1	1	During this week, 01 CCHF outbreak was reported from Balkh province, and case management was done, health education session was conducted for all the cases.

Suspected Measles outbreaks from Laghman and Paktya provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage in field	HF vaccination coverage	Recommendation/Action take
19/7/2023	Laghman	Mehterlam	Laghman	7	0	70%	75%	During this week, 02 Suspected Measles Outbreaks were reported from Laghman and Paktya provinces and case management was done. Health education sessions were conducted for all the cases
16/07/2023	Paktya	Gardez	Paktya	9	0	N/A	N/A	

Suspected Pertussis outbreaks from Helmand province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
20/07/2023	Helmand	Garamsir	Hazarjoft	7	0	During this week, 01 Suspected Pertussis outbreaks was reported from Helmand province, and case management was done, health education session was conducted for all the cases.

Dog bite/ Suspected Rabies outbreak form Herat province

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
17/7/2023	Herat	Kuhsan	Kamana	9	0	During this week, 01 Dog bite/Suspected Rabies outbreak was reported from Herat province, and case management was done. Health education session was conducted for all the cases.

Suspected Botulism outbreak form Balkh and Badghis provinces

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
22/07/2023	Balkh	Dawlatabad	Qahra Ghojla	3	1	During this week, 02 suspected Botulism outbreaks were reported from Balkh and Badghis provinces, and case management was done. Health education sessions were conducted for all the cases.
22/07/2023	Badghis	Qadis	Ghaib Ali Dasht	5	3	

AWD or Probable Chlera outbreak form Helmand province

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
20/07/2023	Helmand	Lashkarga City	Different Villages	12	0	During this week, 01 AWD outbreak was reported from Helmand province, and case management was done. Health education session was conducted for all the cases.

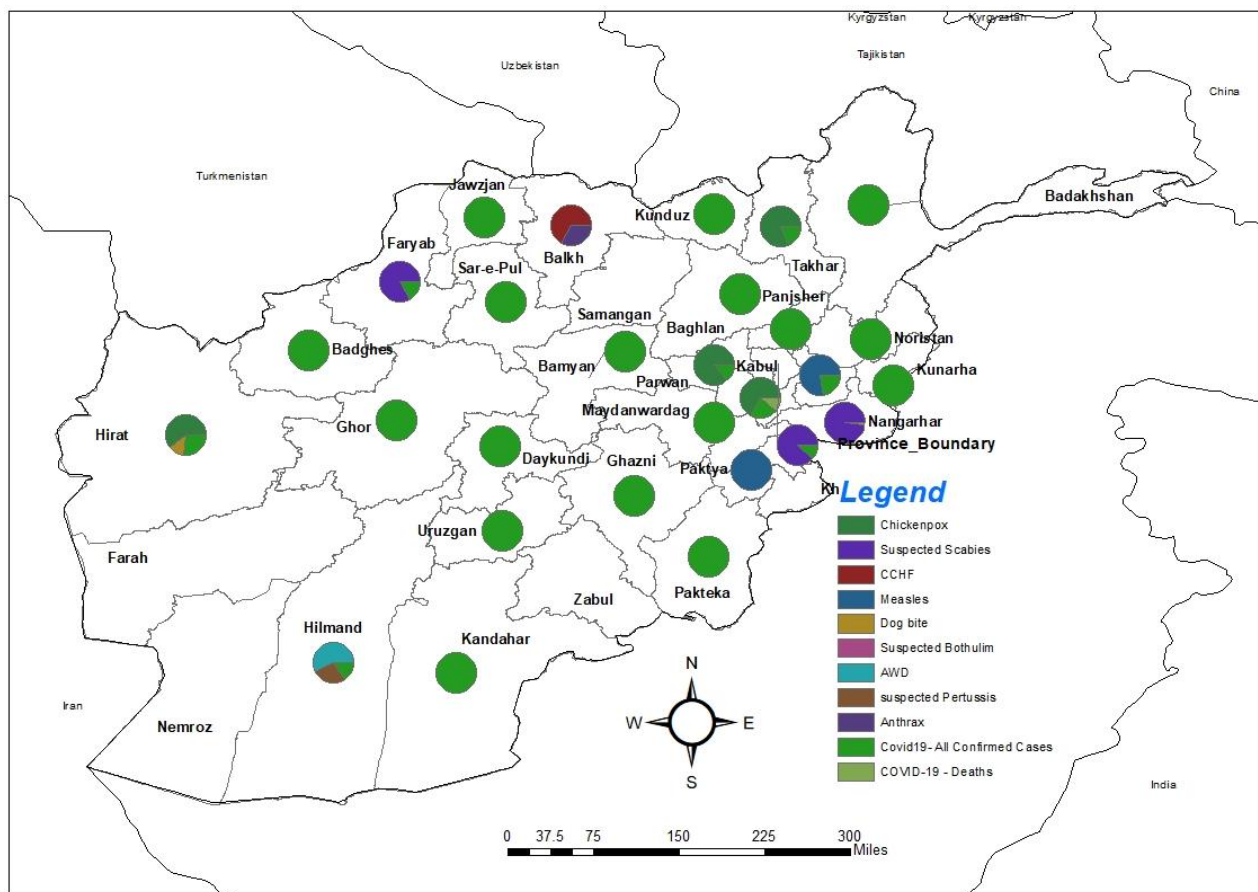
Clinical Anthrax outbreak form Balkh province

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
22/7/2023	Balkh	Chahar Bolak	Noor Khuda	1	0	During this week, 01 Clinical Anthrax outbreak was reported from Balkh 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 22 July 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	166	101	2016	11
Suspected Chickenpox	143	4	2992	0
Scabies	114	0	4661	0
Mumps	48	3	747	0
Dog bites/Suspected Rabies	41	0	339	0
Pertussis	37	0	595	1
Pneumonia	28	1	1135	24
Malaria	13	13	1513	0
Leishmaniasis	9	1	788	0
CCHF	15	15	124	11
Food poisoning	8	0	117	0
Anthrax	4	0	4	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)	3	2	14	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
Suspected Botulism	2	0	8	4
Grand Total	648	142	16188	54

Figure 4: Suspected Chickenpox, Suspected Scabies, CCHF, Measles, Dog bite, suspected Botulism, Suspected Pertussis, AWD, Anthrax and Covid-19 cases and deaths during the week 29th 2023.



Laboratory surveillance:

A total of **4233** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **50** specimens were confirmed for Malaria, **03** specimens were confirmed for Measles, **06** specimens were confirmed for Acute Viral Hepatitis, **09** specimens were confirmed for Cholera, **18** 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 29th 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, 149 (3.9%) severe acute respiratory infection cases were reported, and 61% were under 5 years old. The proportion of SARI cases decreased compared to week 28th 2023. Four SARI-associated deaths were reported this week. At the 09 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Baghlan (21%), Kabul (20%), and Bamyan (19.3%). 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, **2441** specimens were tested for suspected COVID-19. Out of which **210** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 8.6 % this week, which increased 0.5 % compared to the previous week.
- Out of **210 confirmed** cases, **759** contacts out of **179** 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 **33,116** passengers have been screened for COVID-19 at the points of entry in two provinces (Herat and Nangarhar).

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 **493** (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 (0.1%) trend compared to the last week.
- AWD cases are on the increasing (0.1%) 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 **493 (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.