

Summary:

- Out of **613** functional Surveillance sentinel sites, **600 (97.9%)** have submitted reports this week.
- A total of **688,599** new consultations, of which **253,358 (36.8%)** were due to Surveillance targeted diseases. That included **133,855 (52.8%) males** and **119,503 (47.2%) females**. Also, **122,592 (48.4%)** under five years old and **130,766 (51.6%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**119,115 = 17.3%** cases out of total new consultations), Acute Diarrheal Diseases (**110,400 =16%** cases out of total new consultations), and Pneumonia (**16,258 = 2.4%** cases out of total new consultations).
- A total of **184** deaths were reported this week, of which **70 (38%)** were due to surveillance-targeted diseases, which include **38 pneumonia** deaths, **14 Suspected Meninges / Severely Ill Child** deaths, **7 Acute Watery Diarrhea with Dehydration** deaths, **02 Pregnancy-related** death, **04 Acute Viral Hepatitis** deaths, **02 COVID-19** deaths, **01 Tetanus/ Neonatal tetanus** death, **01 Typhoid Fever** death and **01 Suspected Hemorrhagic Fever** death.
- In addition, during this week, **21** outbreaks were reported: **04 Suspected Chickenpox** outbreak was reported from **Kapisa, Khost, Ghazni and Bamyan** provinces, **04 Clinical Scabies** outbreaks were reported from **Kabul, Kapisa, Logar and Nangarhar** Provinces, **03 Dog bites/Suspected Rabies** outbreaks were reported from **Ghazni, Paktia and Urozgan** provinces, **03 Cholera** outbreaks were reported from **Sari Pul, Kabul and Nangarhar** provinces, **02 Anthrax** outbreaks were reported from **Herat** province, **02 Pertussis** outbreaks were reported from **Kunar and Urozgan** provinces, **01 Food Poisoning** outbreak was reported from **Laghman** province, **01 CCHF** outbreak was reported from **Takhar** province and **01 Cutaneous Leishmania** outbreak was reported from **Badakhshan** province.
- Moreover, **184** COVID-19 confirmed cases and **389** suspected measles cases were reported at the national level.
- **Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility,**

2023



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Geographical Distribution of Surveillance Sentinel Site included new SS by Health Facility type December 2022 (n=613)

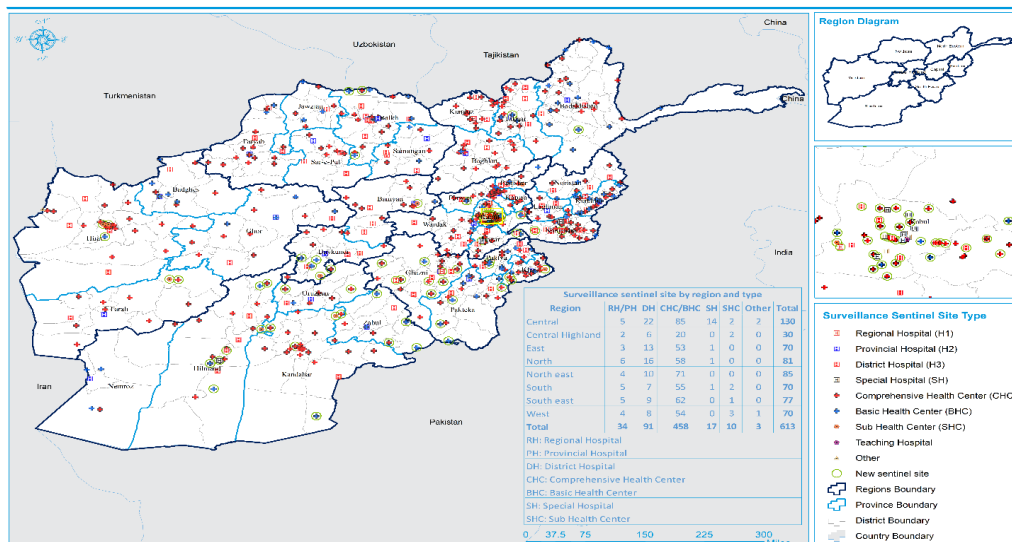


Table 1: Coverage of NDSR Surveillance System

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

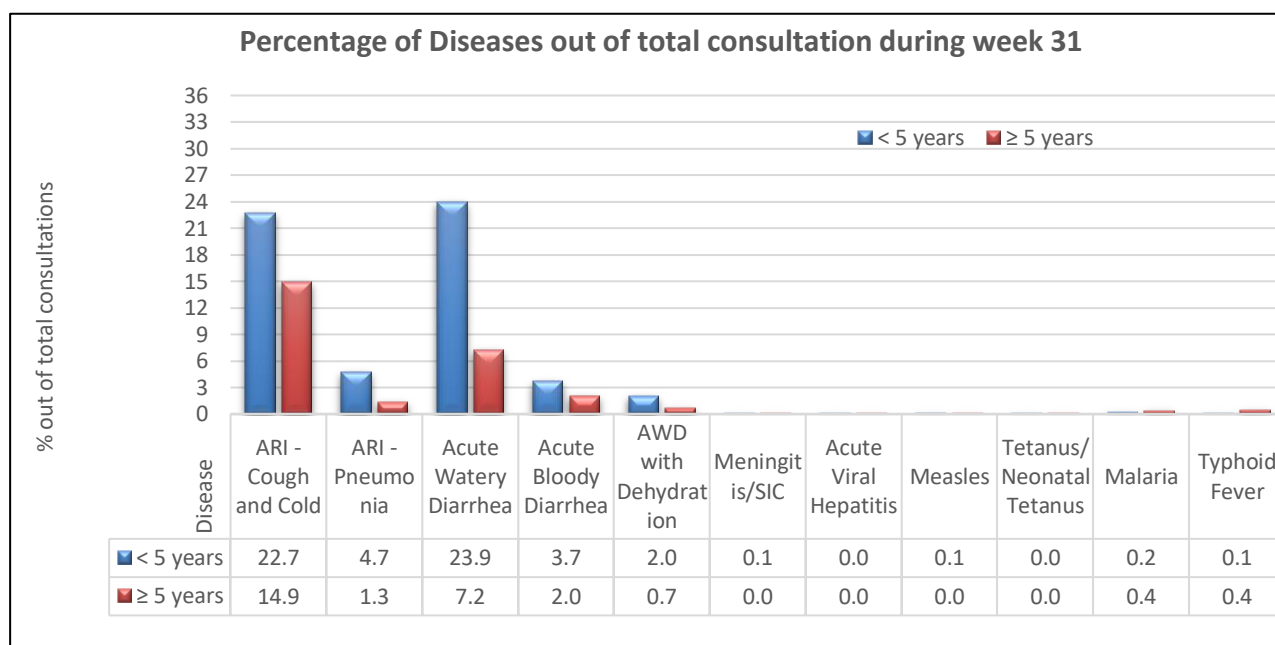
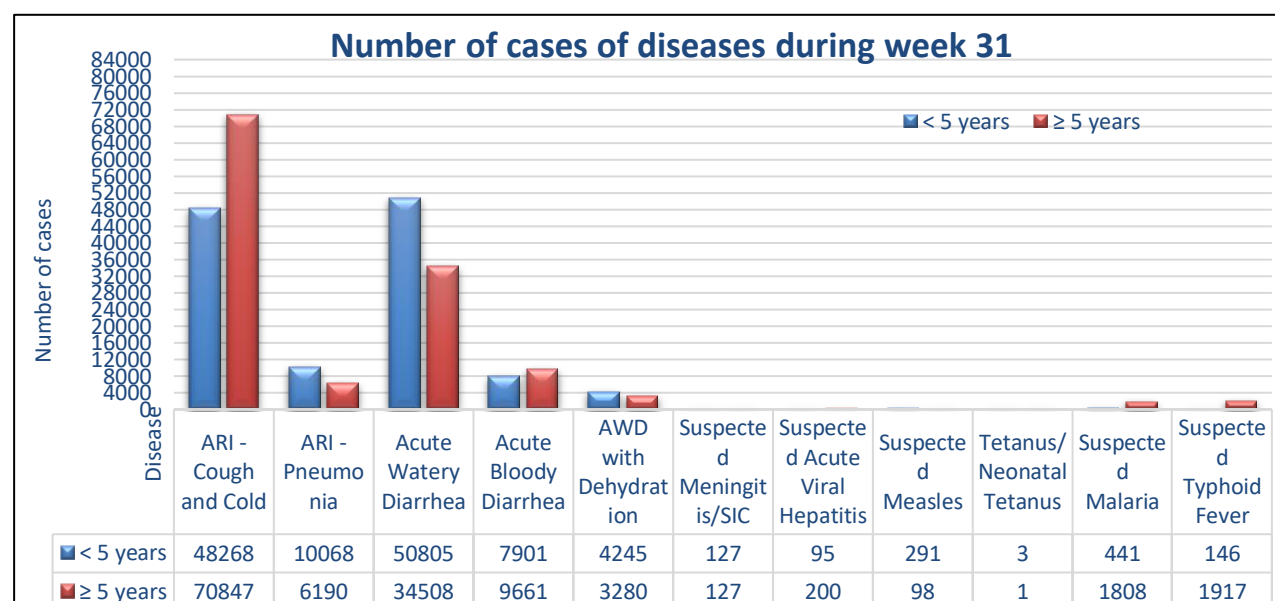


Figure 2: B



Seasonal Diseases:

Figure 3: A

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

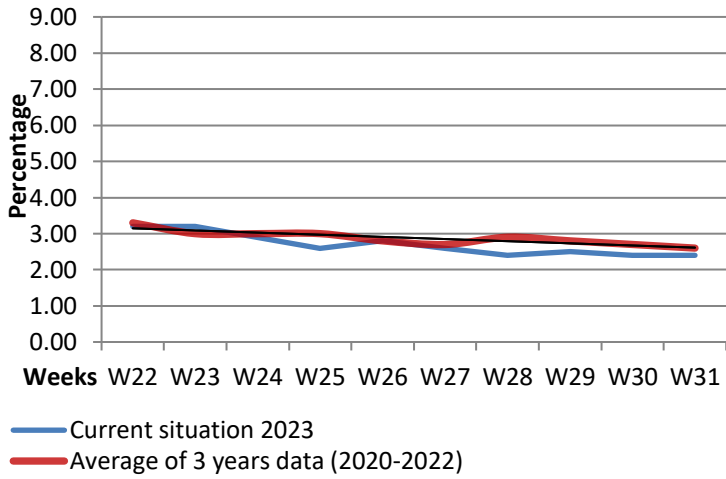


Figure 3: B

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

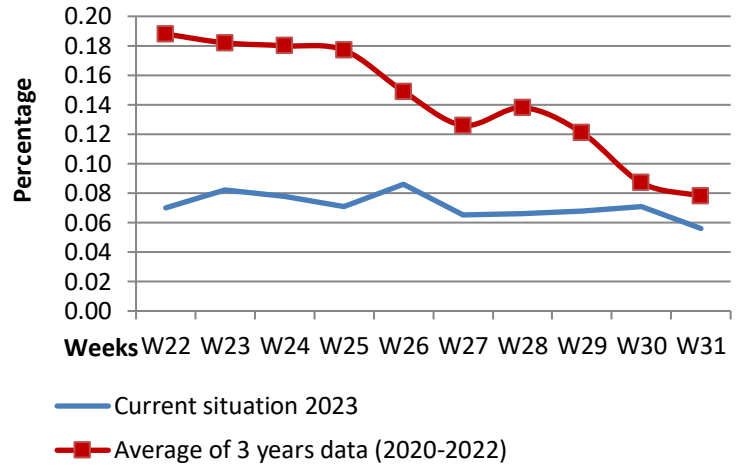


Figure 3: C

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

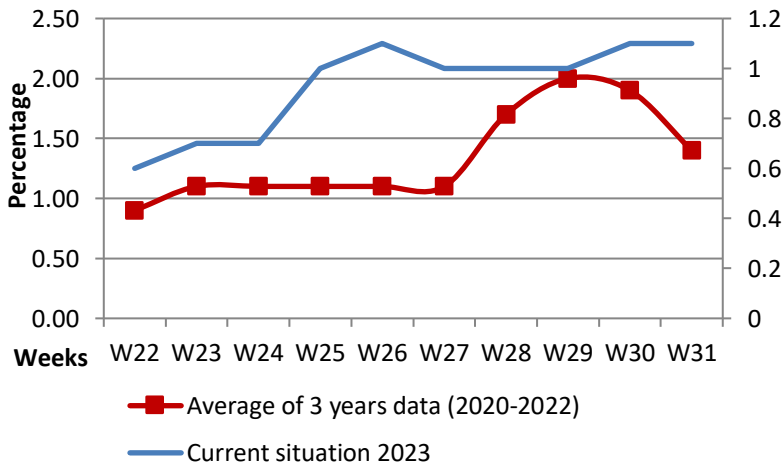


Figure 3: D

Public COVID19 Sample tested and positivity Rate

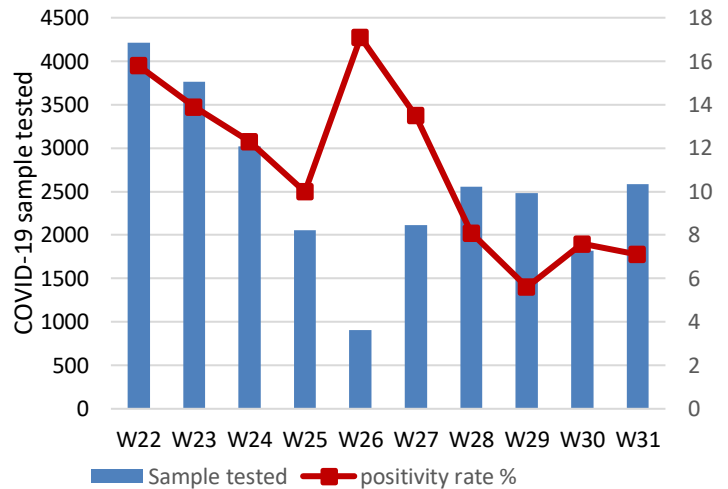


Table 3: Outbreaks in week 31st 2023:

Clinical Chickenpox outbreaks form Kapisa, Khost, Ghazni and Bamyan provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
31/07/2023	Kapisa	Kohistan-2	Khamroba	10	0	During this week, 04 Chickenpox outbreak were reported from Kapisa, Khost, Ghazni and Bamyan provinces, and case management was done. Health education sessions were conducted for all the cases.
02/08/2023	Khost	Ismail khel mandozai	Dadwal	27	0	
01/08/2023	Ghazni	Center	Qalai Shada	11	0	
31/07/2023	Bamyan	Yakawulang	Feruz Bahar	37	0	

Suspected Scabies outbreaks from Kabul, Kapisa, Logar and Nangarhar provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
30/07/2023	Kabul	District 4	Badam Bagh	77	0	During this week, 04 Suspected Scabies outbreaks were reported from Kabul, Kapisa, Logar and Nangarhar provinces, and case management was done, health education sessions were conducted for all the cases.
01/08/2023	Kapisa	Kohistan-1	Aftabchi	8	0	
31/07/2023	Logar	Puli Alam	Naw Abad Doshanba	21	0	
29/07/2023	Nangarhar	Chaparhar	Rahmani Madrasa	54	0	

Dog bites / suspected Rabies outbreaks from Ghazni, Paktia and Urozgan provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
31/07/2023	Ghazni	Center	Bahloul	10	0	During this week, 03 Dog bites /suspected Rabies outbreaks were reported from Ghazni, Paktia and Urozgan provinces, and case management was done, health education session were conducted for all the cases.
04/08/2023	Paktia	Gardez	Shakar Khil	13	0	
05/08/2023	Urozgan	Trinkot	Wani	3	0	

Cholera outbreaks form Sari Pul, Kabul and Nangarhar provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation

27/07/2023	Saripul	Sozmaqala	Larak	1	0	During this week, 03 Cholera outbreaks were reported from Sari Pul, Kabul and Nangarhar Provinces and case management was done. Health education sessions were conducted for all the cases.
03/08/2023	Kabul	District 7	Guzargah	1	0	
03/08/2023	Nangarhar	District 5 Jalalabad	Khachagari	3	0	

Clinical Anthrax outbreaks form Herat province

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
29/07/2023	Herat	Adraskan	Malaki Bala	6	0	During this week, 02 Clinical Anthrax outbreaks were reported from Herat province, and case management was done. Health education sessions were conducted for all the cases.
04/08/2023		Koshk-E- Robot Sangi	Barjinak Awliya	12	0	

Suspected Pertussis outbreaks from Kunar and Urozgan provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage in field	HF vaccination coverage	Recommendation/Action take
02/08/2023	Kunar	Bar Kunar	Sewoor	9	0	100%	90%	During this week, 02 Suspected Pertussis Outbreaks were reported from Kunar and Urozgan provinces and case management was done. Health education sessions were conducted for all the cases
05/08/2023	Urozgan	Tarinkot	Shah zafar	27	0	55%	30%	

Food Poisoning outbreak from Laghman province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
01/08/2023	Laghman	Mehtarlam	Karanj	07	0	During this week, 01 Food Poisoning outbreak was reported from Laghman province, and case management was done, health education session was conducted for all the cases.

CCHF outbreak from Takhar province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
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03/08/2023	Takhar	Taluqan	Khas Kapa	3	0	During this week, 01 CCHF outbreak was reported from Takhar province, and case management was done, health education session was conducted for all the cases.
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Leishmaniasis outbreak form Badakhshan province

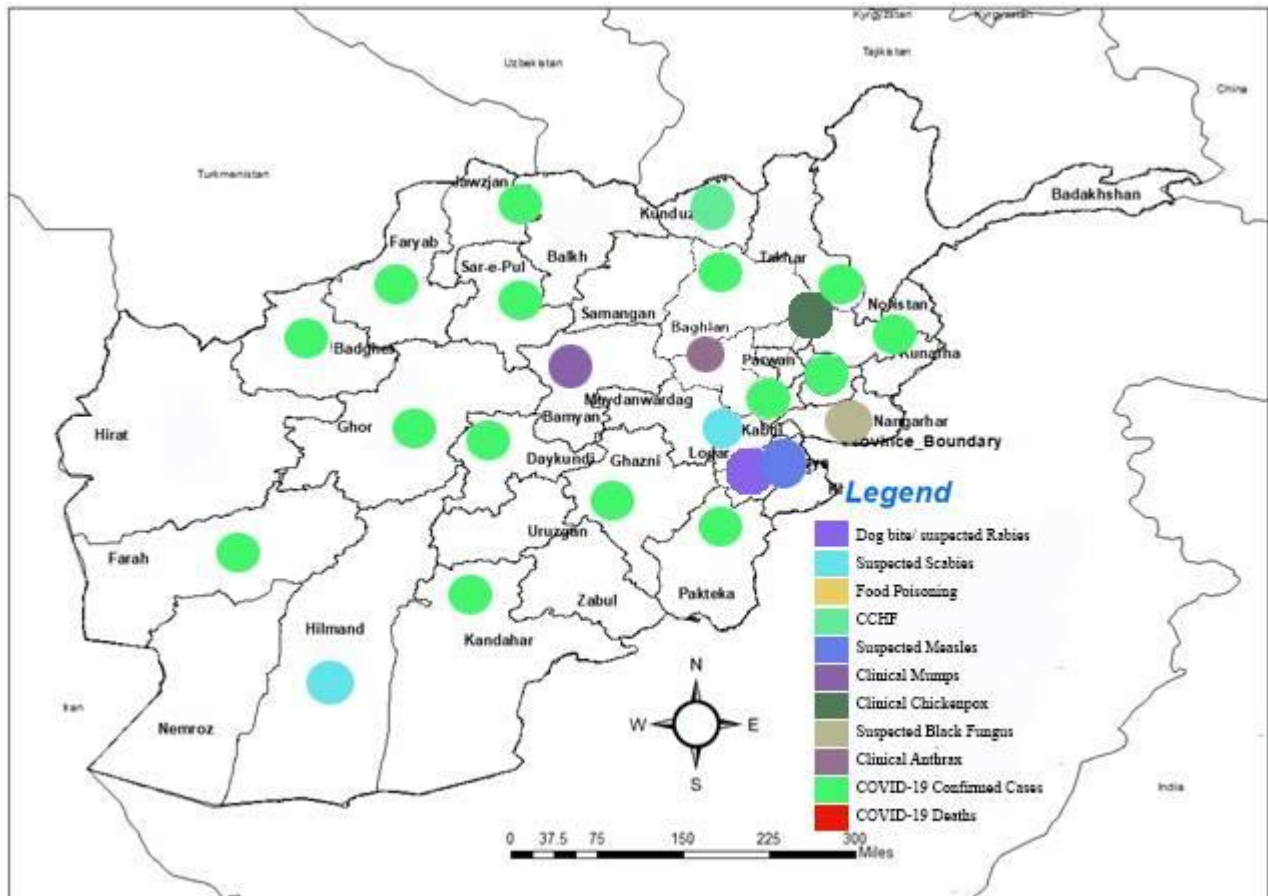
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
31/07/2023	Badakhshan	Argo	Ghuzak Dara	17	0	During this week, 01 Leishmania outbreak was reported from Badakhshan province, and case management was done. Health education session was conducted for all the cases.

Table 4: Updated outbreaks report during 2023 (01 Jan 2023 to 05 August 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	168	103	2046	11
Suspected Chickenpox	148	4	2087	0
Scabies	120	0	4964	0
Mumps	49	0	775	0
Dog bites/Suspected Rabies	46	0	378	0
Pertussis	39	0	631	1
Pneumonia	28	1	1135	24
Malaria	13	13	1513	0
Leishmaniasis	10	2	898	0
CCHF	17	17	134	13
Food poisoning	11	0	591	0
Anthrax	7	0	23	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)	6	6	19	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
Suspected Black Fungus	1	0	1	1

Grand Total	682	148	16338	57
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Figure 4: Chickenpox, Clinical Scabies, Cholera, Clinical Anthrax, suspected Pertussis, Dog bites / suspected Rabies, Food Poisoning, CCHF, Leishmania and Covid-19 cases and deaths during the week 31th 2023.



Laboratory surveillance:

A total of **4313** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **52** specimens were confirmed for Malaria, **08** specimens were confirmed for **CCHF**, **04** specimens were confirmed for **Brucellosis**, **02** specimens were confirmed for **Cholera**, **02** specimens were confirmed for **Leishmaniasis**, **02** specimens were confirmed for **Measles** (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 31th 2023, we have received reports from 09 out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa and Paktya). Out of all new hospital admissions, 155 (4.4%) Severe Acute Respiratory Infections cases were reported and 57% were under 5 years old. The proportion of SARI cases was slightly decreased compared to week 30th 2023. Zero SARI-associated deaths were reported this week. At the 09 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kabul (24.0%), Bamyan

(14.9%), and Baghlan (14%) provinces. During this Epi-week, our field staff shipped 24 SARI and 16 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **2583** specimens were tested for suspected COVID-19. Out of which **184** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 7.1 % this week, which decreased 0.5 % compared to the previous week.
- Out of **184 confirmed** cases, **714** contacts out of **166** 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 **45,019** passengers have been screened for COVID-19 at the points of entry in three provinces (Balkh, Herat and Nangarhar).

Challenges:

- ADW with severe dehydration / Cholera cases are on increasing trend as a public health concern during this season.
- 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 **389** measles cases were reported to the surveillance system.
- ARI cough and cold cases are on the same trend compared to the last week.
- ARI pneumonia cases are on the same trend compared to the last week.
- AWD cases are on the decreasing (0.2%) trend compared to the last week.
- Weak response system to outbreaks at the national level.

Recommendations:

- Cholera preventive and control measure should be strengthened especially WASH program.
- 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 **389** 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.