

Summary:

- Out of **613** functional Surveillance sentinel sites, **604 (98.5%)** have submitted reports this week.
- A total of **690,416** new consultations, of which **260,052 (37.7%)** were due to Surveillance targeted diseases. That included **137,620 (52.9%)** males and **122,432 (47.1%)** females. Also, **121,315 (48.1%)** under five years old and **130,739 (51.9%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**143,085 = 20.7%** cases out of total new consultations), Acute Diarrheal Diseases (**87,000 =12.6%** cases out of total new consultations), and Pneumonia (**22,203 = 3.2%** cases out of total new consultations).
- A total of **192** deaths were reported this week, of which **43 (22.4%)** were due to surveillance-targeted diseases, which include **29 pneumonia** deaths, **04 COVID-19** deaths, **04 Suspected Meningitis/ Severely Ill Child** deaths, **02 Acute Watery Diarrhea with dehydration** deaths, **01 Acute Viral Hepatitis** death, **01 Suspected Measles** death, **01 Suspected Hemorrhagic Fever** death and **01 Pregnancy related** death.
- In addition, during this week, **27** outbreaks were reported: (**10 Suspected Scabies** outbreaks were reported from **Kabul, Kunduz, Nangarhar, Paktya, Takhar and Wardak Provinces**, **08 Chickenpox** outbreaks were reported from **Helmand, Kabul, Parwan, Takhar, Wardak and Zabul** provinces, **02 Suspected Malaria** outbreaks were reported from **Kandahar and Nangarhar** Provinces, **02 Dog bites/ Suspected Rabies** were reported from **Helmand and Parwan** Provinces, **02 Suspected Measles** was reported from **Khost and Urozgan** Provinces, **01 Suspected CCHF** was reported from **Balkh** Province, **01 Unknown Poisoning** outbreak was reported from **Kunar** Province and **01 Food Poisoning** outbreak was reported from **Logar** Province.
- Moreover, **664** COVID-19 confirmed cases and **525** Suspected **Measles** cases were reported at the national level.

Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2023

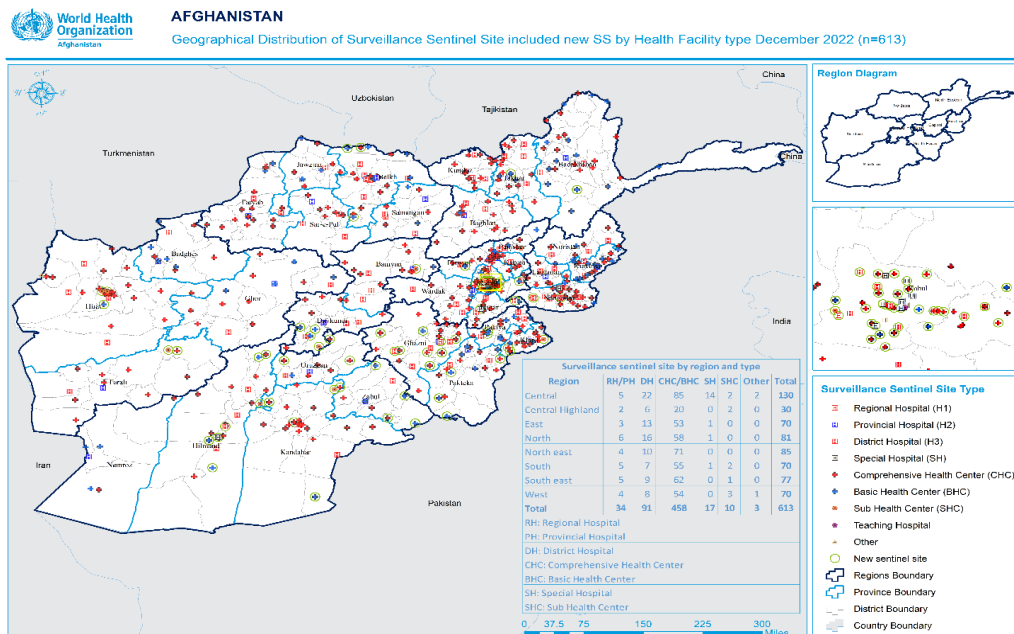


Table 1: Coverage of NDSR Surveillance System

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

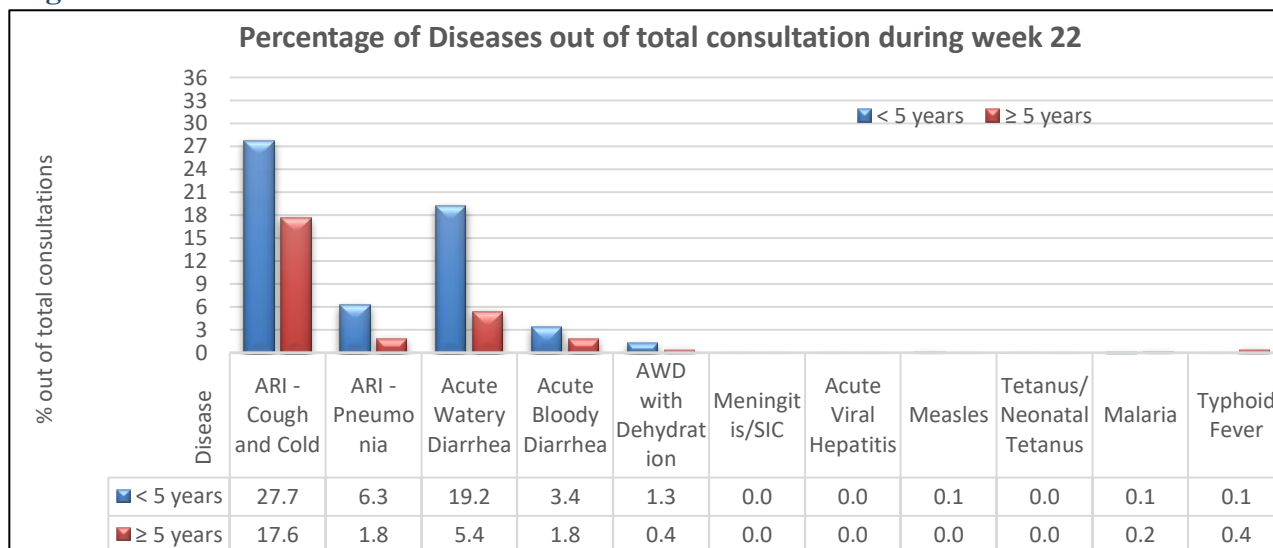


Figure 2: B

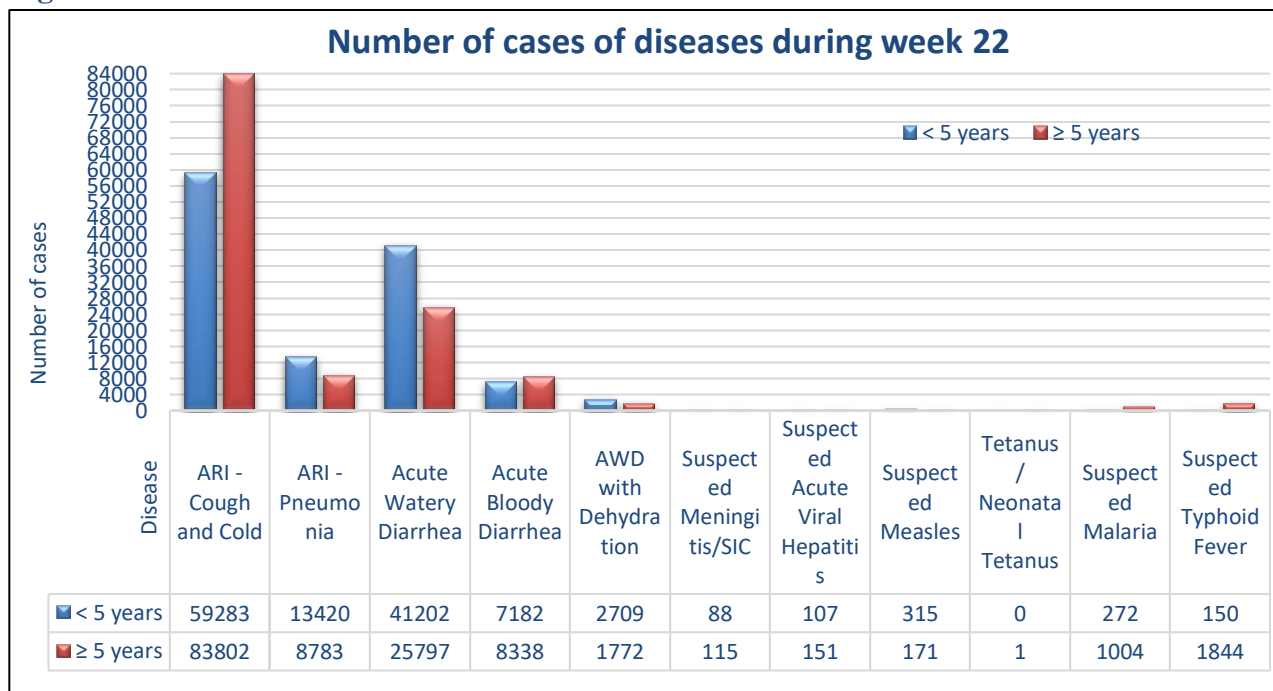


Table 2: IBS Cases and deaths due to VPDs by age group during week 22nd 2023

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	315	171	486	1	0	1	0.21

Seasonal Diseases:

Figure 3: A

Figure 3: B

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

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

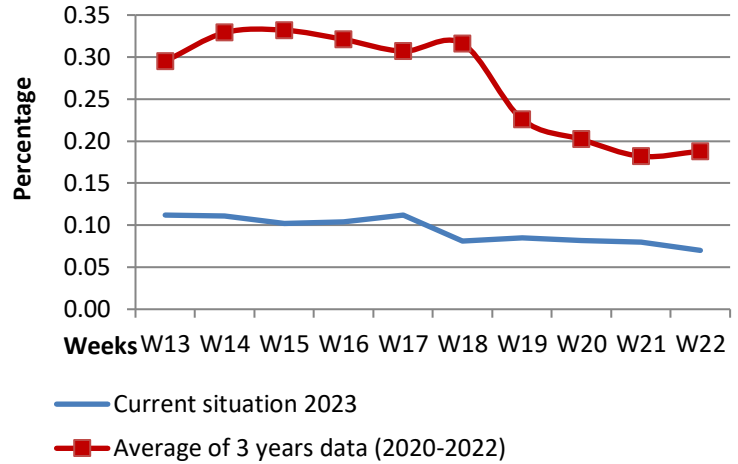
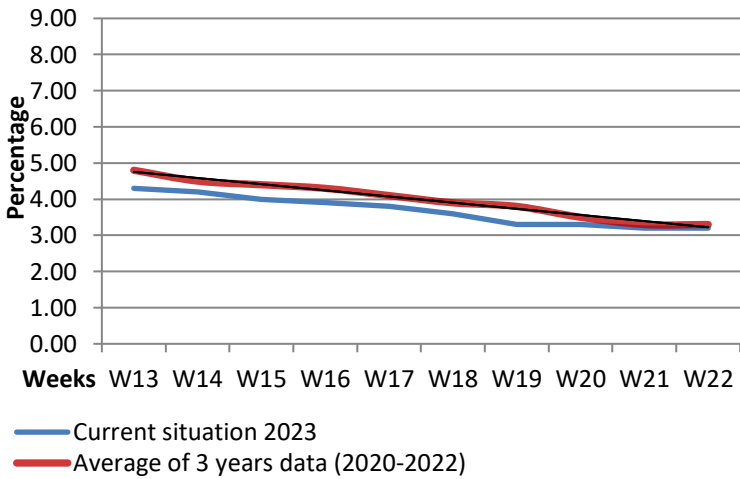


Figure 3: C

Figure 3: D

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

Public COVID19 Sample tested and positivity Rate

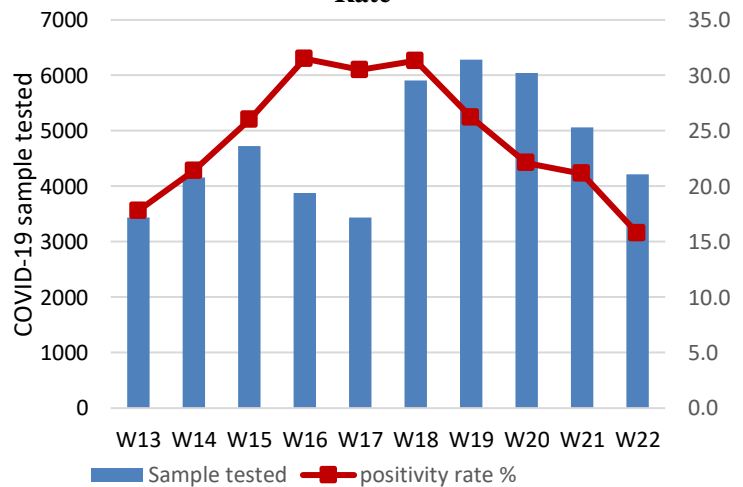
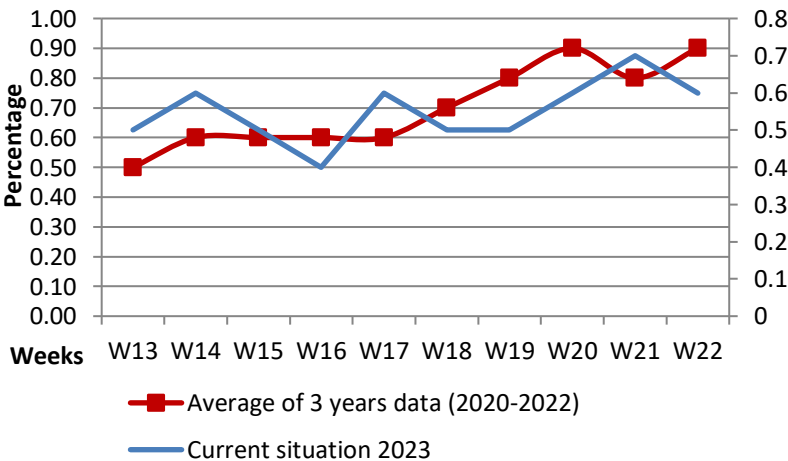


Table 3: Outbreaks in week 22nd 2023:

Suspected Scabies outbreaks from Kabul, Kunduz, Nangarhar, Paktya, Takhar and Wardak provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
01/06/2023	Kabul	Qarah Bagh	Sabz Sang	42	0	During this week, 10 Suspected Scabies Outbreaks were reported from Kabul, Kunduz, Nangarhar, Paktya, Takhar and Wardak Provinces, and case management was done, health education sessions were conducted for all the cases.
28/05/2023	Kunduz	Kunduz	Darul Etam Khalid Bin Walid	114	0	
29/05/2023		Emam Sahib	Gul Tapa	136	0	
30/05/2023	Nangarhar	Chaoarhar	Mano Hogh School	100	0	
28/05/2023		Chaparhar	Dago High School	242	0	
29/05/2023	Paktya	Zurmat	Muradkhil	34	0	
31/05/2023		Ahmad Aba	Road High School	162	0	
28/05/2023	Takhar	Taluqan	Khatayan	14	0	
31/05/2023		Taluqan	Abdal	11	0	
31/05/2023	Wardak	Chak	Langar And Bombayee Madrassah	34	0	

Suspected Chickenpox outbreaks from Helmand, Kabul, Parwan, Takhar, Wardak and Zabul provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
28/05/2023	Helmand	Washir	Kashi Da Pewak School	21	0	During this Week, 08 Suspected Chickenpox Outbreaks were reported from Helmand, Kabul, Parwan, Takhar, Wardak and Zabul Provinces, and case management was done. health education sessions were conducted for all the cases.
30/05/2023		Garamsir	Khari Kali Shazada	5	0	
01/06/2023		Nadali	Khoshal Kali	5	0	
31/05/2023	Kabul	District 2	Malali High School	33	0	
01/06/2023	Parwan	Bagram	Maheegir	16	0	
30/05/2023	Takhar	Taluqan	Haji Wakil Area, Nahrichaman	15	0	
30/05/2023	Wardak	Chak	Mozakhil	13	0	
31/05/2023	Zabul	Qalat	Bakorzai	56	0	

Malaria outbreaks from Kandahar and Nangarhar provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take

28/05/2023	Kandahar	Arghistan	Babaji Village	5	0	During this Week, 02 Malaria Outbreaks were reported from Kandahar and Nangarhar Provinces, and case management was done, health education sessions were conducted for all the cases.
29/05/2023	Nangarhar	Khiwa	Shaga BHC	128	0	

Suspected Measles outbreak from Khost and Urozgan provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
30/05/2023	Khost	Khost (Matoon)	Badam Bagh	19	0	During this week, 02 suspected Measles outbreaks were reported from Khost and Urozgan provinces, and case management was done. Health education sessions were conducted for all the cases.
31/05/2023	Urozgan	Tarinkot	Khiro Kariz	20	0	

Dog bites / Suspected Rabies outbreaks from Helmand and Parwan provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
27/05/2023	Helmand	Marjah	Haji Khalifa Masjid	7	0	During this Week, 02 Dog bites / Suspected Rabies Outbreaks were reported from Helmand and Parwan provinces and case management was done. Health education sessions were conducted for all the cases
27/5/2023	Parwan	Charikar	Parcha-E-11	4	0	

CCHF Outbreak from Balkh Province

Reported dated	Province	District	Village	Total Cases	Total deaths	Occupation	Recommendation
31/05/2023	Balkh	Mazari Sharif	Sharshara Street	3	0	Other	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.

Unknown Poisoning outbreak from Kunar province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
28/05/2023	Kunar	Asadabad	Siad Jamaludin Afghan University Hostel	75	0	During this week, 01 Unknown poisoning outbreak was reported from Kunar province, and case management was done. Health education session was conducted for all the cases.

Food Poisoning outbreak from Logar province

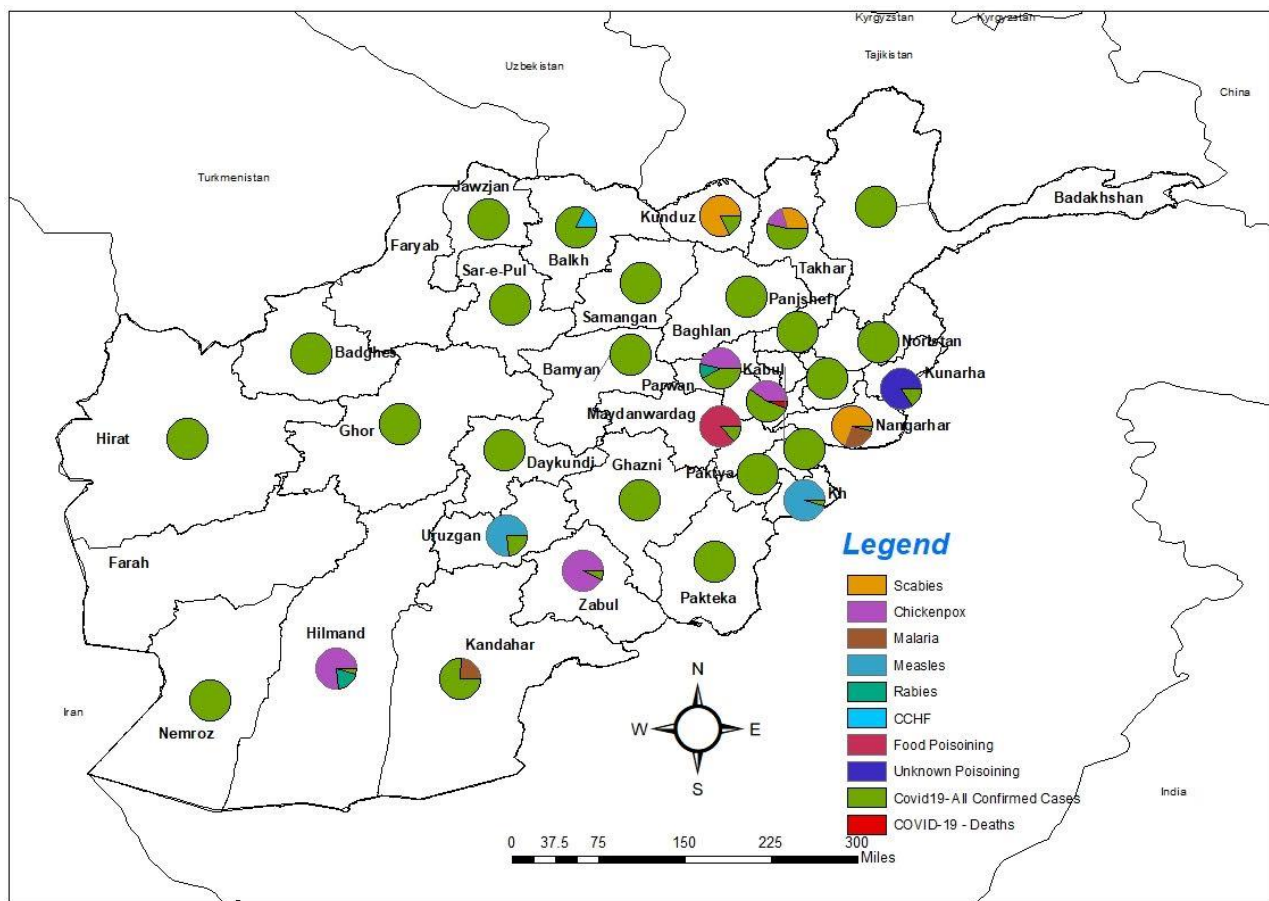
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
28/05/2023	Logar	Charkh	Argan	14	0	During this week, 01 Food poisoning outbreak was reported from Logar province, and case management was done. Health education session was conducted for all the cases.

Table 4: Updated outbreaks report during 2023 (01 Jan 2023 to 03 June2023)

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	151	99	1796	8
Suspected Chickenpox	112	3	2360	0
Scabies	95	1	4177	0
Mumps	42	3	613	0
Dog bites/Suspected Rabies	36	0	307	0
Pertussis	31	0	491	1
Pneumonia	28	1	1135	24
Leishmaniasis	9	1	788	0
Malaria	8	8	676	0
CCHF	5	4	103	6
Food poisoning	5	0	55	0
Anthrax	3	0	3	0
Unknown Poisoning	2	0	85	0
Acute Bloody diarrhea	2	0	124	0
Typhoid Fever	2	0	39	0
ARI	2	0	113	2
Acute Viral Hepatitis	1	1	10	0
Skin diseases	1	0	545	0
Acute water Diarrhea (Dehydration)	1	1	1	0
Tetanus	1	0	3	0
Tinea Capitis	1	0	14	0
COVID 19	1	1	99	0
Dengue fever	1	0	2	1
Grand Total	540	123	13539	42

Figure 4: Scabies, Chickenpox, Malaria, Measles, Dog bites/Suspected Rabies, CCHF, Unknown Positioning, Food poisoning and Covid-19 cases and deaths during the week 22nd 2023.

Laboratory surveillance:



A total of **6049** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **664** specimens were confirmed for COVID-19, **105** specimens were confirmed for **Malaria**, **65** specimens were confirmed for **Acute Respiratory Infection**, **57** specimens were confirmed for **Pneumonia**, **38** specimens were confirmed for **Measles**, **15** were confirmed for **Scabies**, **06** specimens were confirmed for **Leishmaniasis**, **05** specimens were confirmed for **Cholera**, **03** specimens were confirmed for **CCHF**, **02** specimens were confirmed for **Acute Viral Hepatitis**, **01** specimens were confirmed for **Chickenpox** and **02** specimens were confirmed for **Brucellosis** (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 22nd 2023, we received epidemiological reports from 09 out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa, and Paktia). Out of all new hospital admissions, 155 (4.2%) severe acute respiratory infection cases were reported, and 60% were under 5 years old. The proportion of SARI cases did not increase compared to week 21st 2023. Three SARI-associated deaths were reported this week. At the 09 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Bamyan (15.5%), Baghlan (14%), and Kapisa (12.6%). During this Epi-Week, our field staff shipped 27 SARI and 19 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **4214** specimens were tested for suspected COVID-19. Out of which **664** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 15.75 % this week, which decreased 4.2 % compared to the previous week.
- Out of **664 confirmed** cases, **2152** contacts out of **528** 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 **52,803** 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 **525** (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 a decreasing trend compared to the last week
- AWD cases are on the increasing compared to last week (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 in order to respond to the current measles epidemic situation.
 - **EPI:** As the surveillance system detected **525** 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.