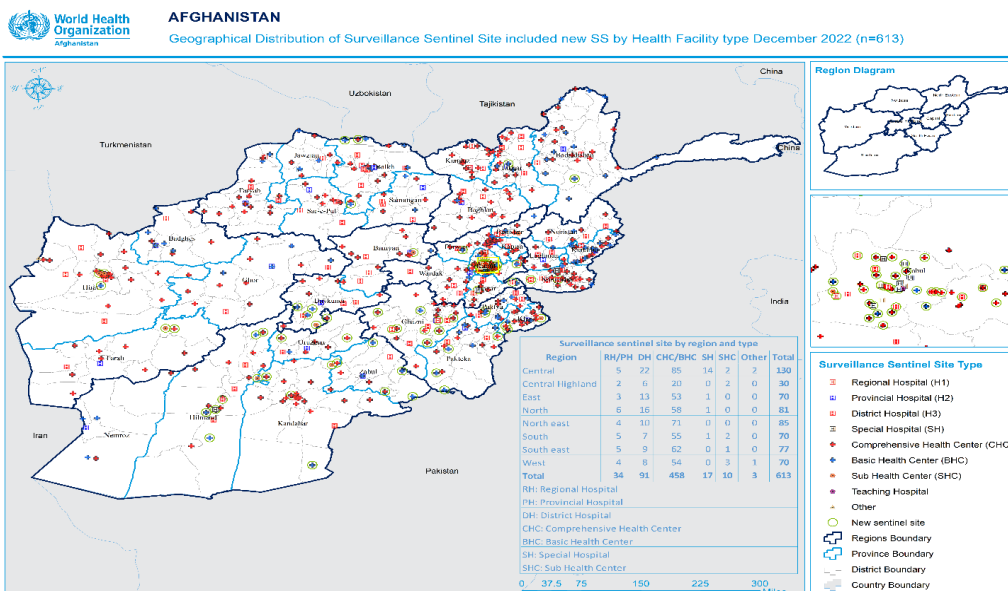


Summary:

- Out of **613** functional Surveillance sentinel sites, **605 (98.7%)** have submitted reports this week.
- A total of **679,777** new consultations, of which **256,206 (37%)** were due to Surveillance targeted diseases. That included **132,705 (52.8%) males** and **118,501 (47.2%) females**. Also, **122,544 (48.8%)** under five years old and **128,662 (51.2%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**117,356 = 17.3%** cases out of total new consultations), Acute Diarrheal Diseases (**110,168 =16.2%** cases out of total new consultations), and Pneumonia (**16,191 = 2.4%** cases out of total new consultations).
- A total of **251** deaths were reported this week, of which **62 (24.7%)** were due to surveillance-targeted diseases, which include **39 pneumonia** deaths, **07 Acute Watery Diarrhea with Dehydration** deaths, **07 Suspected Meninges / Severely Ill Child** deaths, **03 Suspected Hemorrhagic Fever** deaths, **02 Acute Viral Hepatitis** deaths **02 COVID-19** deaths, **01 Pregnancy-related** death, and **01 suspected Measles** death.
- In addition, during this week, **13** outbreaks were reported: **02 Dog bites / Suspected Rabies** outbreaks were reported from **Kapisa and Pakika** provinces, **02 Clinical Scabies** outbreaks were reported from **Helmand and Kabul** Provinces, **02 Food Poisoning** outbreaks were reported from **Badakhshan and Badghis** provinces, **01 CCHF** outbreak was reported from **Kunduz** province, **02 Suspected Measles** outbreaks were from **Paktya** and **Bamyan** provinces, **01 Suspected Chickenpox** outbreak was reported from **Panjshir** province, **01 Clinical Mumps** outbreak was reported from **Bamyan** province, **01 Cutaneous Anthrax** outbreak was reported from **Baghlan** province and **01 Black Fungus** outbreak was reported from **Nangarhar** province.
- Moreover, **139** COVID-19 confirmed cases and **484** 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
<b>Total Health Facilities (HF)</b>	8	27	91	437	900	36	1,106	2,093	4,698
<b>HF covered by NDSR-Plus</b>	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

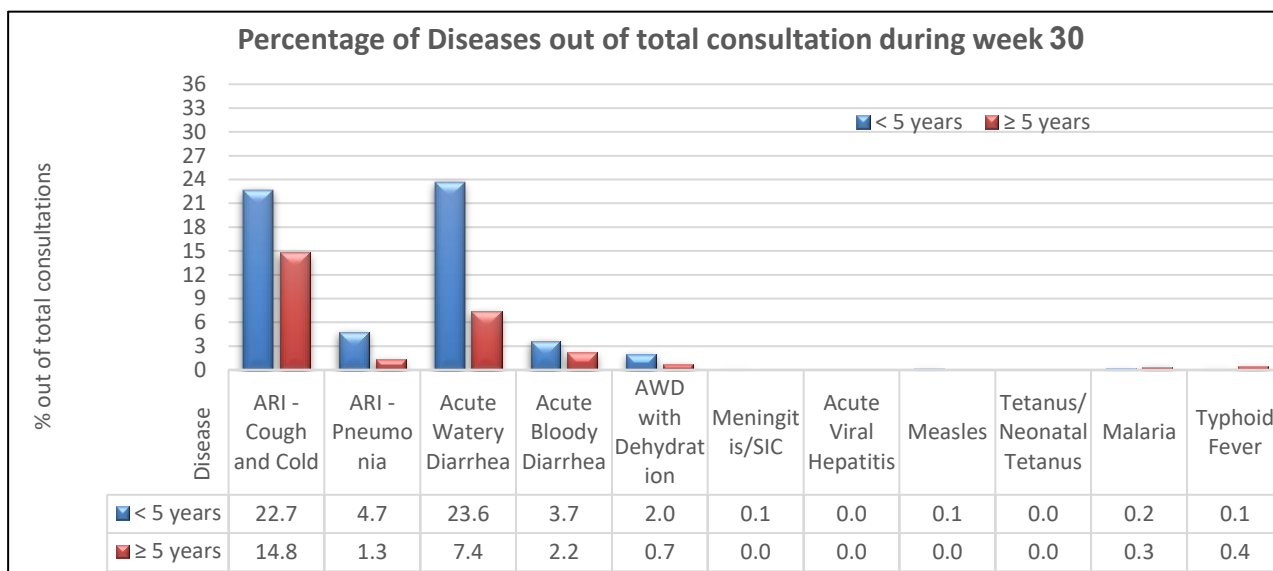
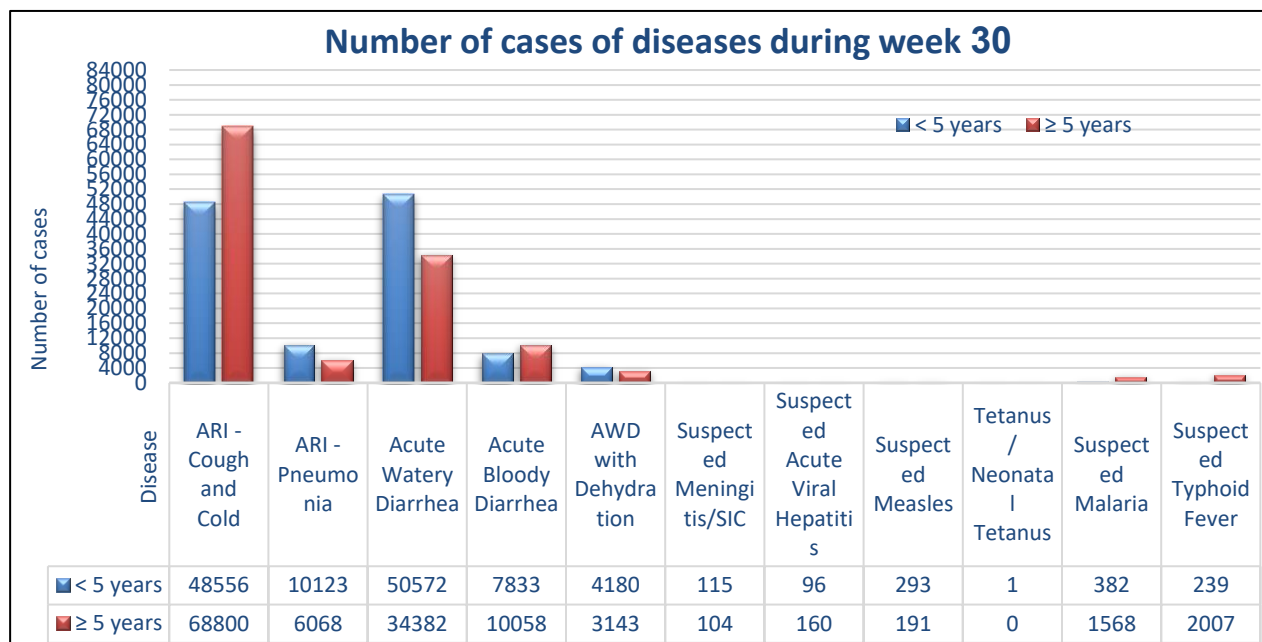
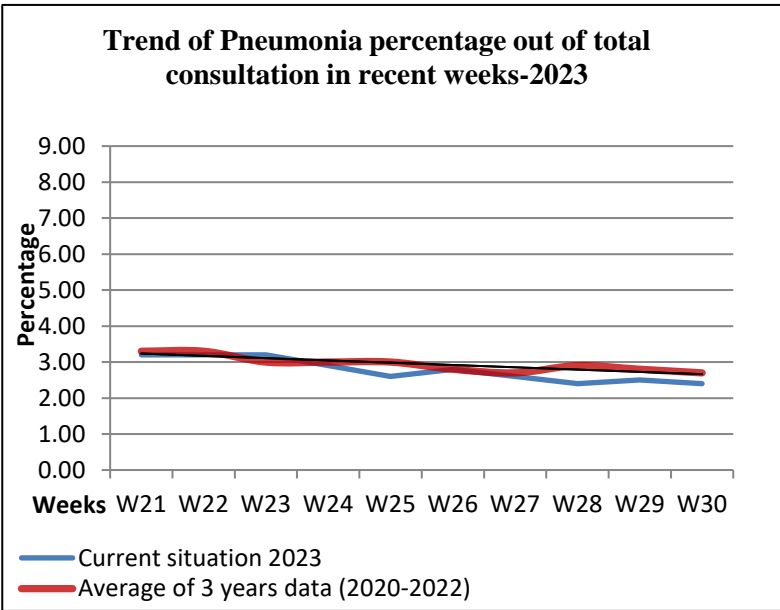


Figure 2: B

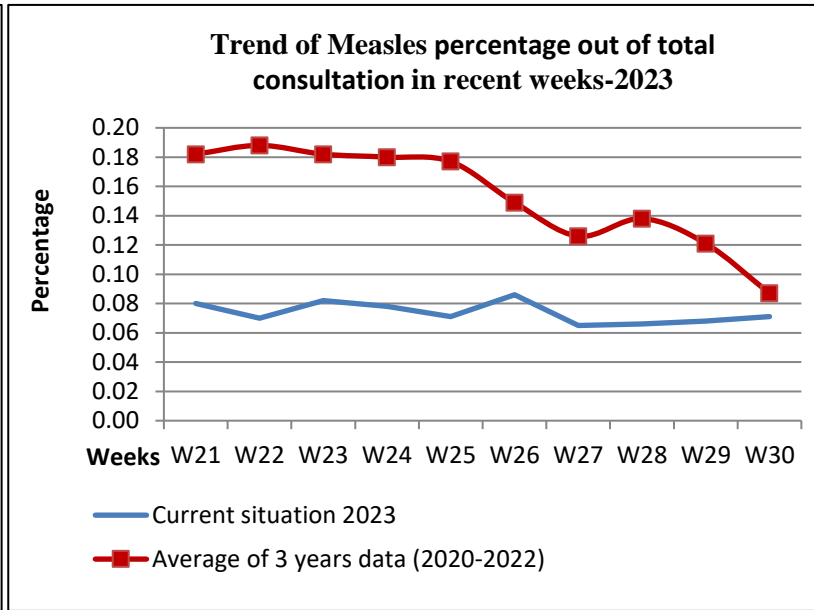


**Seasonal Diseases:**

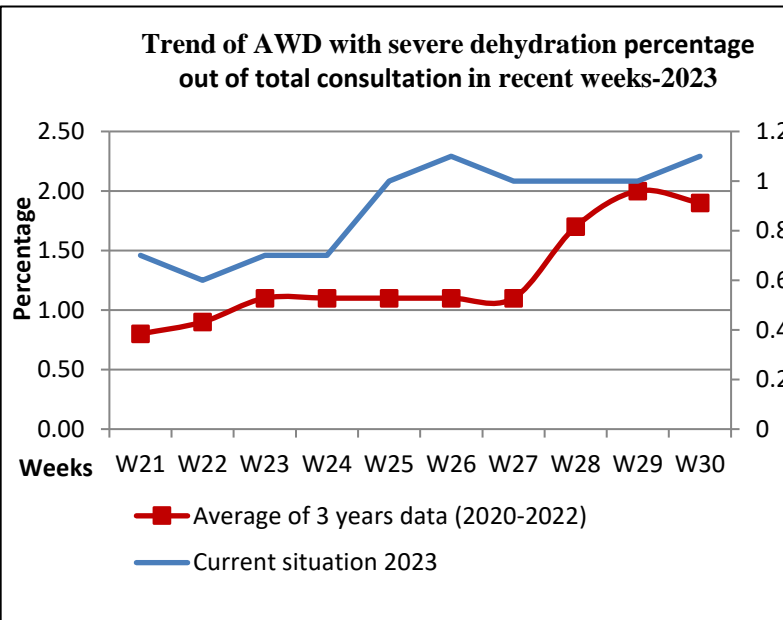
**Figure 3: A**



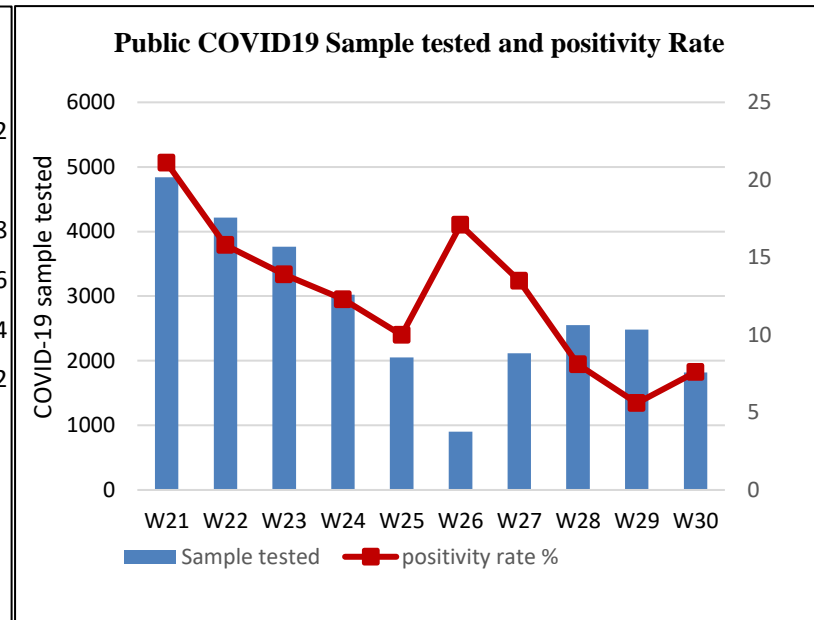
**Figure 3: B**



**Figure 3: C**



**Figure 3: D**



**Table 3: Outbreaks in week 30<sup>th</sup> 2023:**

Dog bite/ Suspected Rabies outbreaks form Kapisa and Paktika provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
22/07/2023	Kapisa	Tagab	Adizi	7	0	During this week, 02 Dog bite/Suspected Rabies outbreaks were reported from Kapisa and Paktika Provinces and case management was done. Health education sessions were conducted for all the cases.
24/07/2023	Paktika	Yousuf Khel	Mest	6	0	

### Suspected Scabies outbreaks from Helmand and Kabul provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
25/07/2023	Helmand	Lashkarga City	Prison	76	0	During this week, 02 Suspected Scabies outbreaks were reported from Helmand and Kabul provinces, and case management was done, health education sessions were conducted for all the cases.
23/7/2023	Kabul	Bagrami	Qala E Ahmad Khan	16	0	

### Food Poisoning outbreaks from Badakhshan and Badghis provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
27/07/2023	Badakhshan	Khash	Dehpara	18	0	During this week, 02 Food Poisoning outbreaks was reported from Badakhshan and Badghis provinces, and case management was done, health education sessions were conducted for all the cases.
27/07/2023	Badghis	Sangi Atash	Tarakiha	449	0	

### CCHF outbreak from Kunduz province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
23/07/2023	Kunduz	Dashte-Archi	Bajawry	7	2	During this week, 01 CCHF outbreak was reported from Kunduz province, and case management was done, health education session was conducted for all the cases.

### Suspected Measles outbreaks from Paktya and Bamyan provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage in field	HF vaccination coverage	Recommendation/Action take
22/07/2023	Paktya	Mirzaka	Zagy	10	0	60%	60%	During this week, 02 Suspected Measles Outbreaks were reported from Paktya and Bamyan provinces and case management was done. Health education sessions were conducted for all the cases
25/07/2023	Bamyan	Panjab	Tagab Barg	8	0	80%	80%	

### Clinical Mumps outbreak form Bamyan province

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
23/07/2023	Bamyan	Panjab	Quli	28	0	During this week, 01 Clinical Mumps outbreak was reported from Bamyan province, and case management was done. Health education session was conducted for all the cases.

### Clinical Chickenpox outbreak form Panjshir province

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
24/07/2023	Panjshir	Rokha	Darkhil	10	0	During this week, 01 Clinical Chickenpox outbreak was reported from Panjshir province, and case management was done. Health education session was conducted for all the cases.

### Suspected Black Fungus outbreak form Nangarhar province

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
25/07/2023	Nangarhar	Kama	Shirgad Lodin	1	1	During this week, 01 suspected Black Fungus outbreak was reported from Nangarhar province, and case management was done. Health education session was conducted for all the cases.

### Clinical Anthrax outbreak form Baghlan province

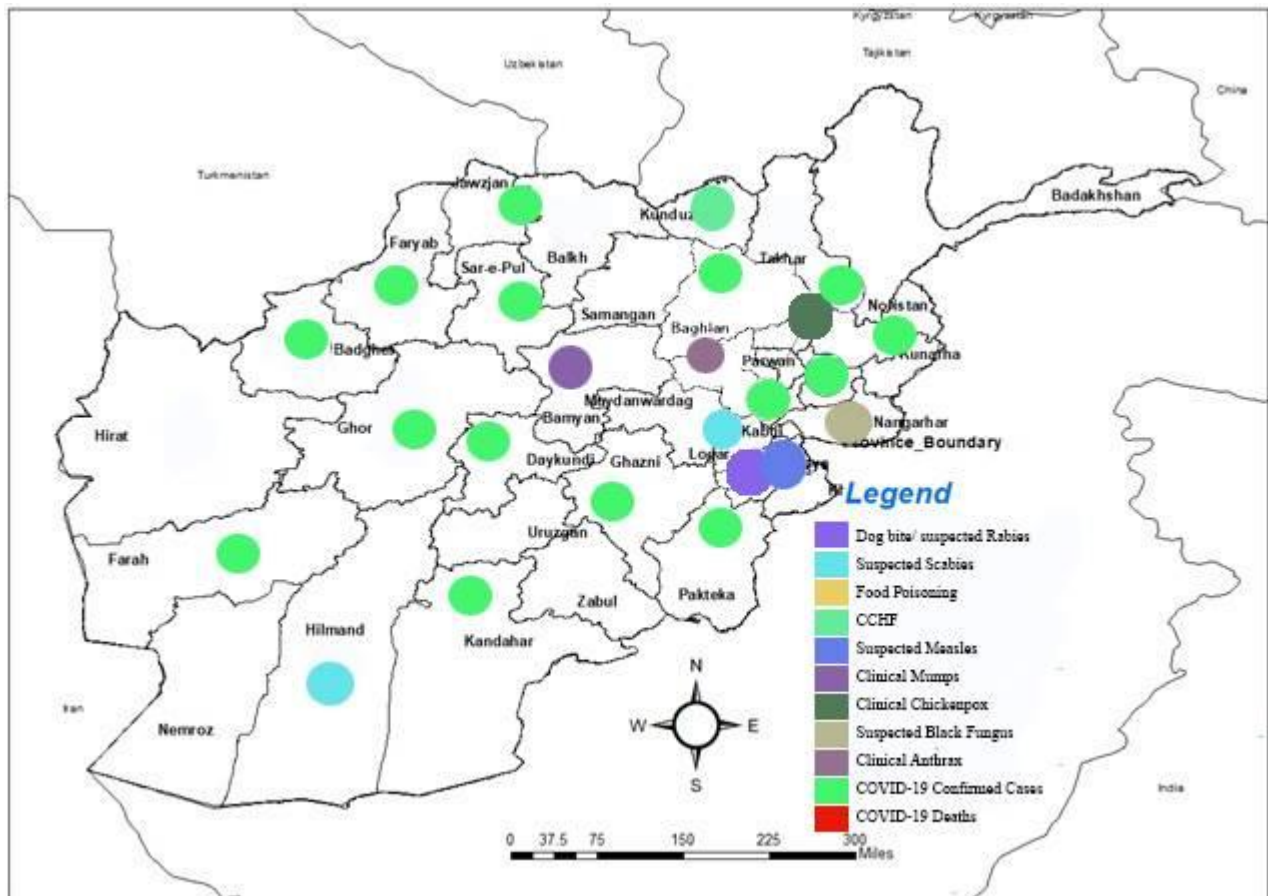
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
25/7/2023	Baghlan	Tala O Barfak	Qala	1	0	During this week, 01 Clinical Anthrax outbreak was reported from Baghlan province, and case management was done. Health education session was conducted for all the cases.

**Table 4: Updated outbreaks report during 2023 (01 Jan 2023 to 29 July 2023)**

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	168	101	2034	11
Suspected Chickenpox	144	4	2002	0
Scabies	116	0	4753	0
Mumps	49	3	775	0
Dog bites/Suspected Rabies	43	0	352	0
Pertussis	37	0	595	1
Pneumonia	28	1	1135	24
Malaria	13	13	1513	0
Leishmaniasis	9	1	788	0
CCHF	16	16	131	13

Food poisoning	10	0	584	0
Anthrax	5	0	5	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
Suspected Black Fungus	1	0	1	1
<b>Grand Total</b>	<b>661</b>	<b>143</b>	<b>16825</b>	<b>57</b>

**Figure 4:** Dog bite/Suspected Rabies, Suspected Scabies, Suspected Food Poisoning, CCHF, Measles, Suspected Chickenpox, Clinical Mumps, Suspected Black Fungus, Anthrax and Covid-19 cases and deaths during the week 29<sup>th</sup> 2023.



### Laboratory surveillance:

A total of **3292** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **47** specimens were confirmed for Malaria, **08** specimens were confirmed for Measles, **07** specimens were confirmed for Acute Viral Hepatitis, **06** specimens were confirmed for Cholera, **18** specimens were confirmed for CCHF and **04** specimen were confirmed for Brucellosis (Follow-up by the CPHL is going on).

### Influenza Surveillance activities:

In Epidemiological Week 30<sup>th</sup> 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, 164 (4.5%) severe acute respiratory infection cases were reported, and 59% were under 5 years old. The proportion of SARI cases was slightly decreased compared to week 30th 2023. Two 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 (31%), Bamyan (21.3%) and Baghlan (16%). 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, **1819** specimens were tested for suspected COVID-19. Out of which **139** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 7.6 % this week, which decreased 1 % compared to the previous week.
- Out of **139 confirmed** cases, **598** contacts out of **134** 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 **35,058** 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 **494** (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 **494 (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.