

Summary:

- Out of **613** functional Surveillance sentinel sites, **607(99%)** have submitted reports this week.
- A total of **633,980** new consultations, of which **244,826 (38.6%)** were due to Surveillance targeted diseases. That included **129,123 (52.7%) males** and **115,703 (47.3%) females**. Also, **113,756 (46.5%)** under five years old and **131,070 (53.5%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**151,785 = 23.9%** cases out of total new consultations), Acute Diarrheal Diseases (**62,139 =9.8%** cases out of total new consultations), and Pneumonia (**23,140= 3.6%** cases out of total new consultations).
- A total of **221** deaths were reported this week, of which **59 (26.7%)** were due to surveillance-targeted diseases, which include **45 ARI Pneumonia** deaths, **02 Suspected acute viral hepatitis** deaths, **10 Suspected Meningitis/ Severely ill Child** deaths, **01 COVID-19** death and **01 Suspected Hemorrhagic Fever** death.
- In addition, during this week, **20** outbreaks were reported: **04 Clinical Scabies** outbreaks were reported from Kabul and Paktia provinces, **03 AWD with Dehydration** outbreaks were reported from Nangarhar Province, **02 Pink Eye** outbreaks were reported form Kabul Province, **02 Leishmaniosis** outbreaks were reported from Faryab and Kabul provinces, **02 Dog bites /suspected Rabies** were reported from Herat and Paktia provinces, **02 Anthrax** outbreaks were reported from Kunduz and Takhar provinces, **01 Chickenpox** outbreak was reported from Panjshir province, **01 confirmed Malaria** outbreak was reported from Kandahar province, **01 Measles** outbreak was reported from Kandahar province, **01 Mumps** outbreak was reported form Daikundi province and **01 Unknown poisoning** outbreak was reported from Takhar province.
- Moreover, **284** COVID-19 confirmed cases and **284** suspected Measles cases were reported at the national level.

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

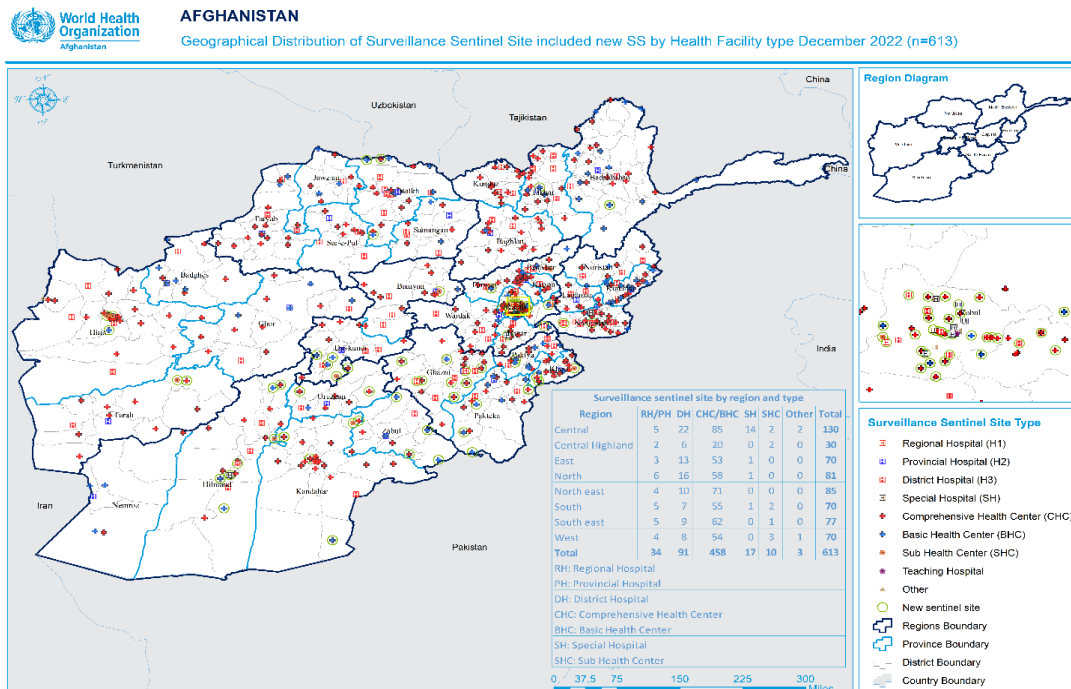


Table 1: Coverage of NDSR Surveillance System

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

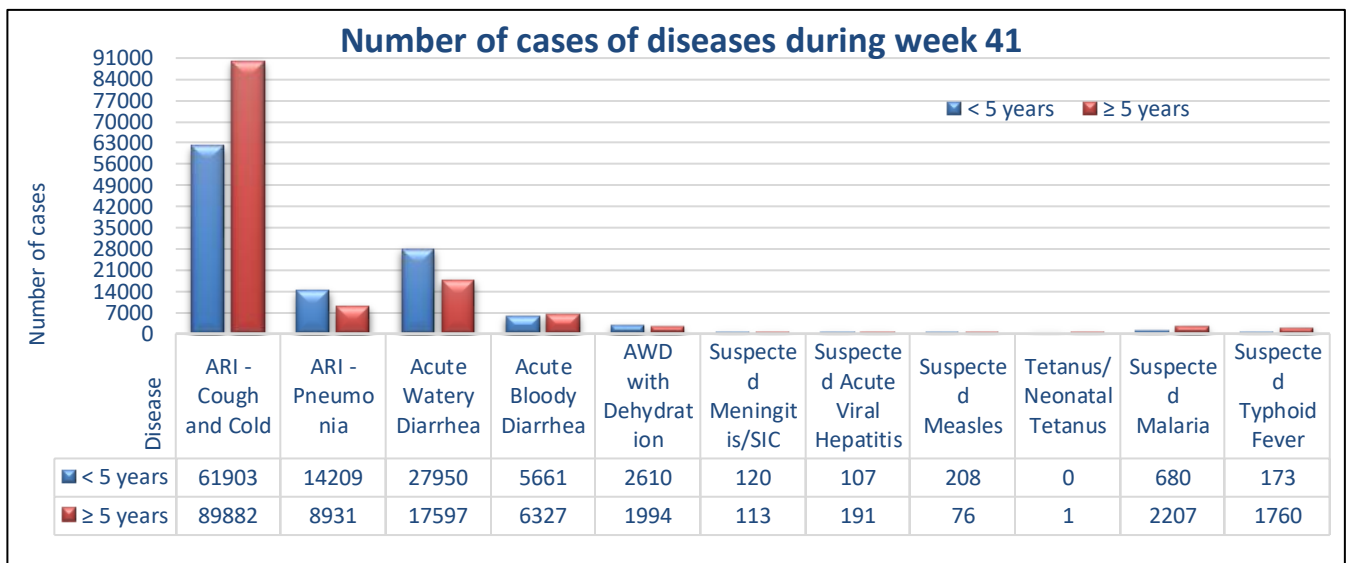
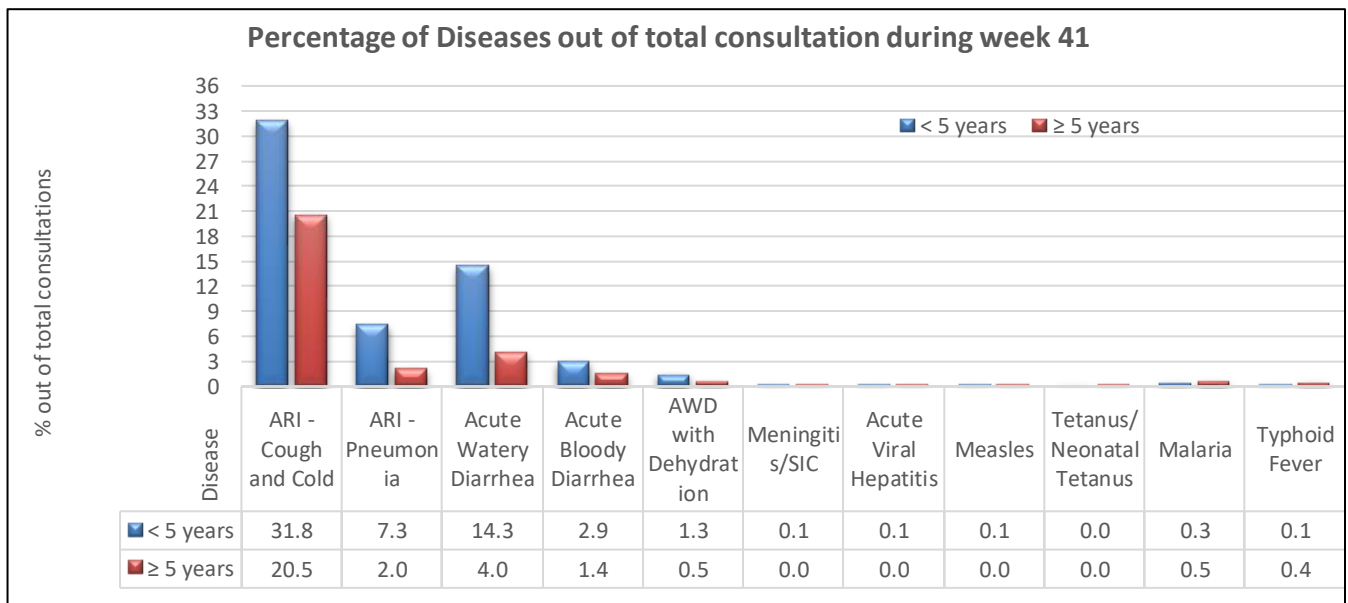


Figure 2: B



Seasonal Diseases:

Figure 3: A

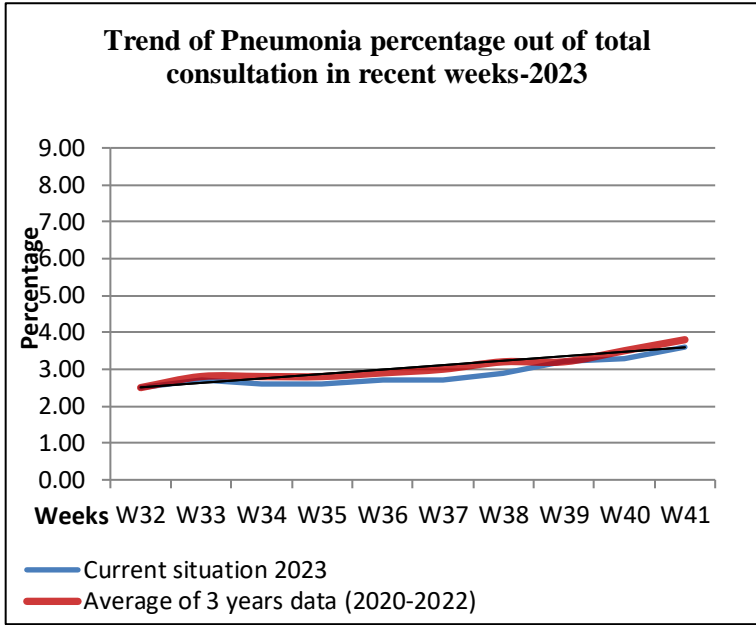


Figure 3: B

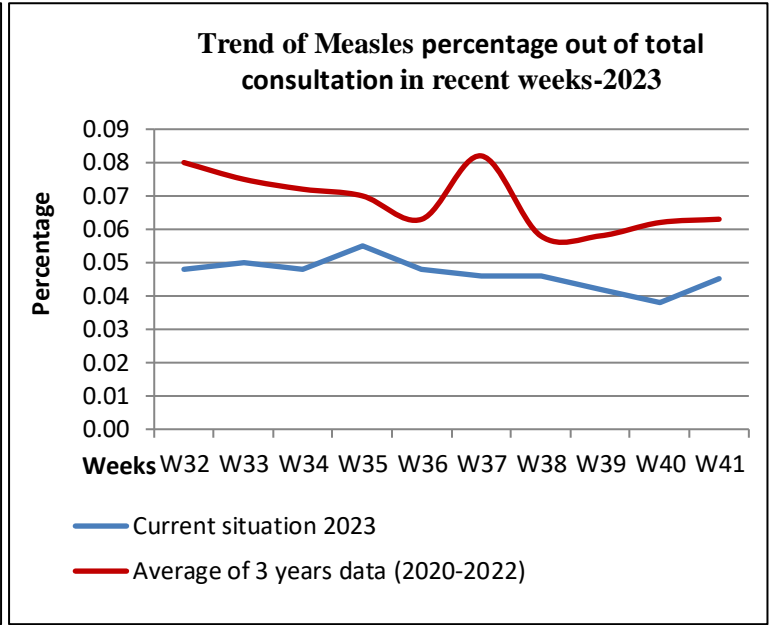


Figure 3: C

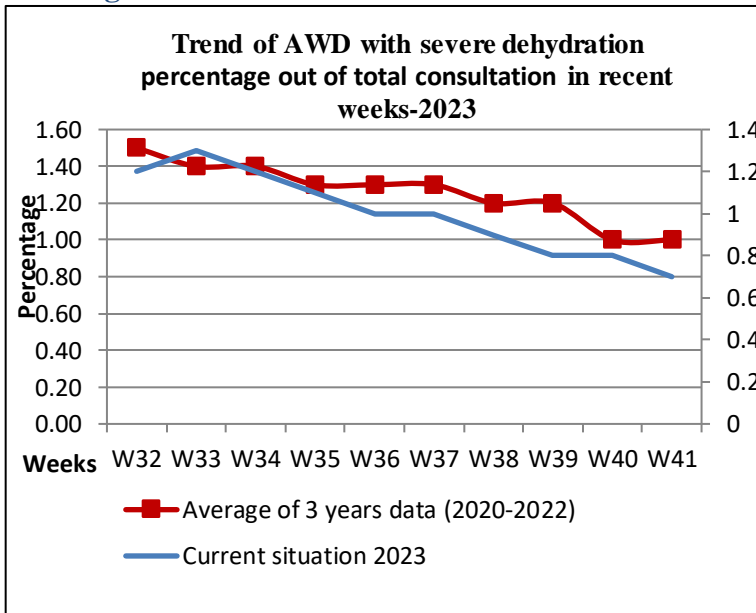


Figure 3: D

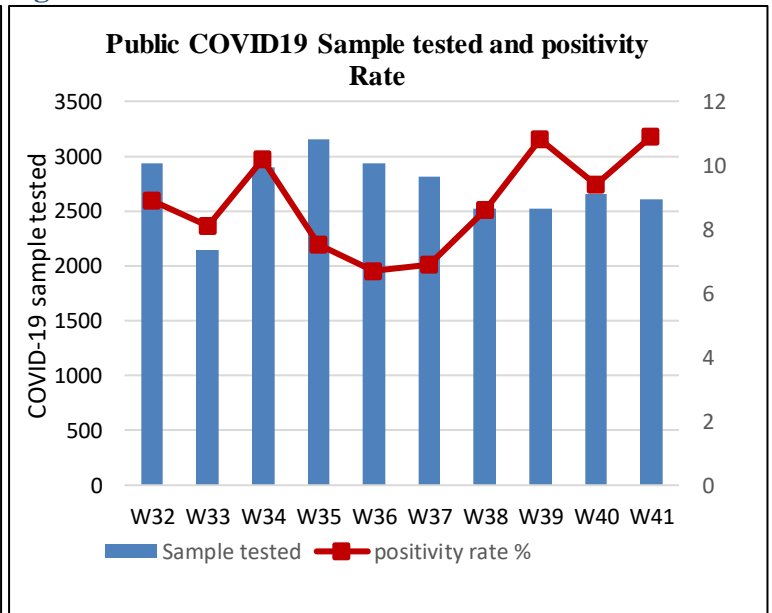


Table 3: Outbreaks in Week 41st 2023:

Clinical Scabies outbreaks from Kabul and Paktia provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
10/10/2023	Kabul	Dist 16	Alokheil	10	0	During this week, 04 Clinical Scabies outbreaks were reported from Kabul and Paktia provinces, and case management was done, health education session were conducted for all the cases.
11/10/2023		Bagrami	Qala e Ahmad Khan	24	0	
09/10/2023	Paktia	Gardez	Momin khil	14	0	
10/10/2023		Gardez	Nesty Kot	11	0	

Suspected Dog bites/ suspected Rabies outbreaks from Herat and Paktia provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
14/10/2023	Herat	Obeh	Nab	4	0	During this week, 02 Dog bites/ suspected Rabies outbreaks were reported from Herat and Paktia provinces, and case management was done, health education sessions were conducted for all the cases.
07/10/2023	Paktia	Gardez	Salad Beek	7	0	

AWD with severe dehydration outbreak from Nangarhar province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
11/10/2023	Nangarhar	Sarkhrod	Shaikhmesry	1	0	During this week, 03 AWD with severe dehydration outbreaks were reported from Nangarhar province, case management was done, health education sessions were conducted for all the cases.
11/10/2023		Behsood	Gandacheshma	2	0	
11/10/2023		Kuz Kunar	Kandi	1	0	

Anthrax outbreak from Kunduz and Takhar provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
10/10/2023	Kunduz	Kunduz	Kalbad	1	0	During this week, 02 Anthrax outbreaks were reported from Kunduz and Takhar province, and case management was done, health education sessions were conducted for all the cases.
11/10/2023	Takhar	Dashti Qala And Chal Districts	Arab And Khuja Kabut Villages	2	0	

Leishmaniosis outbreaks from Faryab and Kabul provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
08/10/2023	Faryab	Khoja Sabz Posh	Yangiqala	8	0	During this week, 02 Leishmaniosis outbreaks were reported from Faryab and Kabul provinces, and case management was done, health education sessions were conducted for all the cases.
05/10/2023	Kabul	Chahar Asyab	Miakheil	40	0	

Pink Eye outbreaks from Kabul province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
08/10/2023	Kabul	Dist 7	Chehelstoon	10	0	During this week, 02 Pink Eye outbreaks were reported from Kabul province, and case management was done, health education sessions were conducted for all the cases.
09/10/2023		Dist 13	Abdul Raheem Shaheed High School	8	0	

Suspected Measles outbreak form Kandahar province

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
10/10/2023	Kandahar	Nish	Haji Alam	10	0	During this week, 01 Suspected Measles outbreak was reported from Kandahar province and case management was done. Health education session was conducted for all the cases.

Lab confirmed Malaria outbreak from Kandahar province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
08/102023	Kandahar	Maiwand	Chismo qalawal	56	0	During this week, 01 Lab confirmed Malaria outbreak was reported from Kandahar province, and case management was done, health education session was conducted for all the cases.

Clinical Mumps outbreak from Daikundi province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
08/10/2023	Daikundi	Shahristan	Shahristan District Shinya SC	26	0	During this week, 01 Clinical Mumps outbreak was reported from Daikundi 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
11/10/2023	Panjshir	Rukha	Paivest	7	0	During this week, 01 Clinical Chickenpox outbreak was reported from Panjshir province and case management was done. Health education sessions was conducted for all the cases.

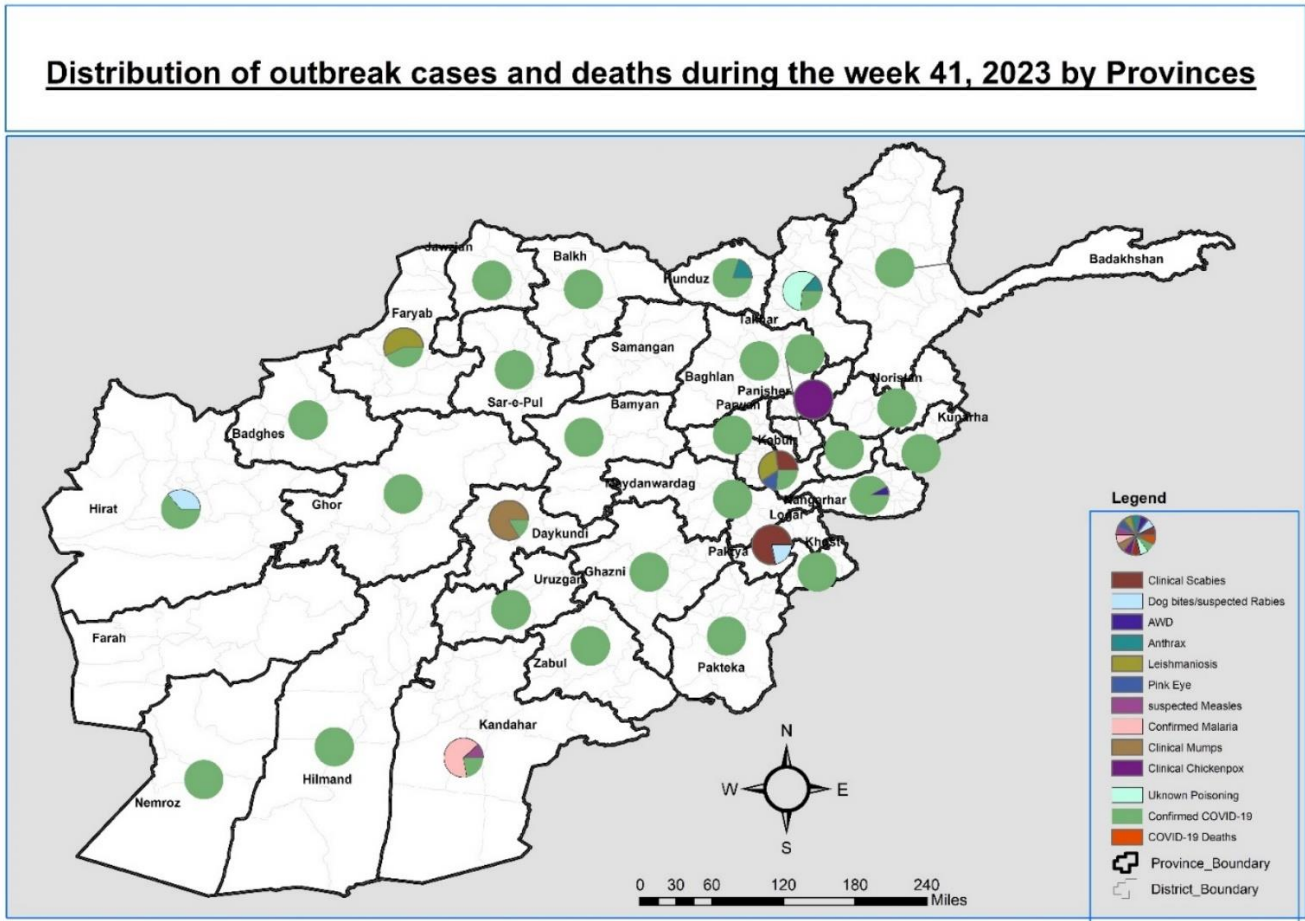
Unknown Poisoning outbreak from Takhar province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
11/10/2023	Takhar	Taloqan	Amar institute of Health Science	9	0	During this week, 01 Uknown Poisoning outbreak was reported from Takhar province, and case management was done, health education session was conducted for all the cases.

Table 4: Updated outbreaks report during 2023 (01 Jan 2023 to 14 October 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	183	104	2245	11
Suspected Chickenpox	173	4	2561	0
Scabies	155	0	5736	0
Mumps	55	0	888	0
Dog bites/Suspected Rabies	61	0	453	1
Pertussis	54	0	861	1
Pneumonia	28	1	1135	24
Malaria	40	40	3076	0
Leishmaniasis	15	2	992	0
CCHF	23	23	147	13
Food poisoning	20	0	662	0
Anthrax	13	0	36	1
Unknown Poisoning	9	0	443	3

Typhoid Fever	3	1	105	3
Acute Bloody diarrhea	2	0	124	0
ARI	2	0	113	2
COVID 19	3	3	246	0
Acute watery Diarrhea (Dehydration)	49	46	269	1
Tinea Capitis	2	0	21	0
Skin diseases	3	0	571	0
Tetanus	1	0	3	0
Acute Viral Hepatitis	2	1	17	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
Vaccine reaction	1	0	4	0
Jaundice syndrome	1	0	33	0
Pink eye (Viral conjunctivitis)	2	0	18	0
Grand Total	906	225	20778	66

Figure 4: Clinical Scabies, Dog bites/suspected Rabies, AWD, Anthrax, Leishmaniosis, Pink Eye, suspected Measles, Confirmed Malaria, Clinical Mumps, Clinical Chickenpox, Unknown poisoning and Covid-19 cases and deaths during the week 41st 2023.



Laboratory surveillance:

A total of **4220** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **53** specimens were confirmed for Malaria, **16** specimens were confirmed for **Cholera**, **10** specimens were confirmed for **Measles**, **10** specimens were confirmed for Acute Viral Hepatitis, **09** specimens were confirmed for **Dengue Fever** and **01** specimens was confirmed for **Leishmaniasis** (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 41st 2023, we have received reports from 08 out of 09 sentinel sites (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa and Paktia). Out of all new hospital admissions, 145 (5.1%) Severe Acute Respiratory Infections cases were reported and 55% were under 5 years old. The proportion of SARI cases was slightly higher compared to week 40th 2023. Four SARI-associated deaths were reported this week. At the 08 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Bamyan (17.2%), Baghlan (17.0%), and Kapisa (14.5%) provinces. During this Epi-week, our field staff shipped 48 SARI and 32 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **2611** specimens were tested for suspected COVID-19. Out of which **284** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 10.9% this week, which increased 1.5 % compared to the previous week.
- Out of **284 confirmed** cases, **718** contacts out of **196** 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 **72,220** passengers have been screened for COVID-19 at the points of entry in four provinces (Balkh, Herat, Kandahar and Nangarhar).

Challenges:

- New cases of suspected viral conjunctivitis have been reported from Kabul which might be transformed in a large epidemic in the country as continued in Pakistan.
- Measles cases are still a public health concern in the country. This week, **294 (IBS+EBS)** Measles cases were reported to the surveillance system.
- ARI cough and cold cases are on the increasing (1.3%).
- CCHF preventive and control measures 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 **294 (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.