

Summary:

- Out of **613** functional Surveillance sentinel sites, **609 (99.3%)** have submitted reports this week.
- A total of **642,952** new consultations, of which **247,763 (38.5%)** were due to Surveillance targeted diseases. That included **130,471 (52.7%) males** and **117,292 (47.3%) females**. Also, **117,408 (47.4%)** under five years old and **130,355 (52.6%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**146,189 = 22.7%** cases out of total new consultations), Acute Diarrheal Diseases (**73,018 =11.4%** cases out of total new consultations), and Pneumonia (**20,256= 3.2%** cases out of total new consultations).
- A total of **257** deaths were reported this week, of which **54 (21.0%)** were due to surveillance-targeted diseases, which include **28 pneumonia deaths, 04 Suspected acute viral hepatitis deaths, 14 Suspected Meningitis/ Severely ill Child deaths, 05 Acute Watery Diarrhea with dehydration deaths, 02 Tetanus/ Neonatal Tetanus deaths and 01 Suspected Hemorrhagic Fever deaths.**
- In addition, during this week, **24** outbreaks were reported: **08 AWD with severe dehydration (suspected Cholera)** outbreaks were reported from Kandahar, Kunar, Nangarhar, Nimroz and Paktya provinces, **04 Dog bites or suspected Rabies** outbreaks were reported from Kabul, Paktya and Urozgan Provinces, **02 Clinical Chickenpox** outbreaks were reported from Baghlan and Parwan provinces, **03 Lab confirmed Malaria** outbreaks were reported from Kandahar and Paktika provinces, **03 Clinical Scabies** outbreaks were reported from Ghazni, Paktya and Saripul provinces, **02 Clinical Pertussis** outbreaks were reported from Takhar province and **02 Suspected Measles outbreaks were reported from Kabul and Kandahar province.**
- Moreover, **271** COVID-19 confirmed cases and **270** suspected Measles cases were reported at the national level.

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

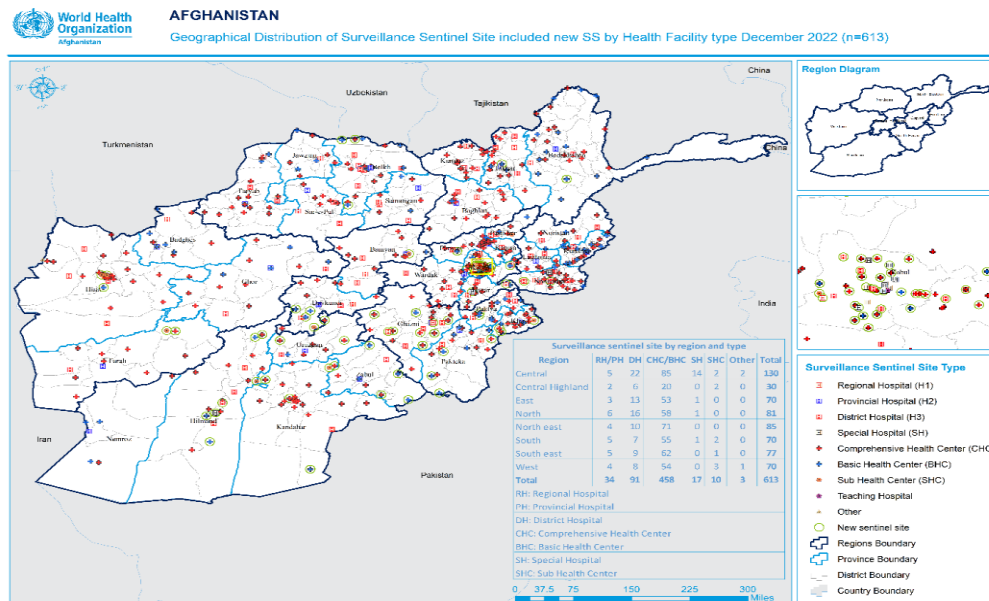


Table 1: Coverage of NDSR Surveillance System

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

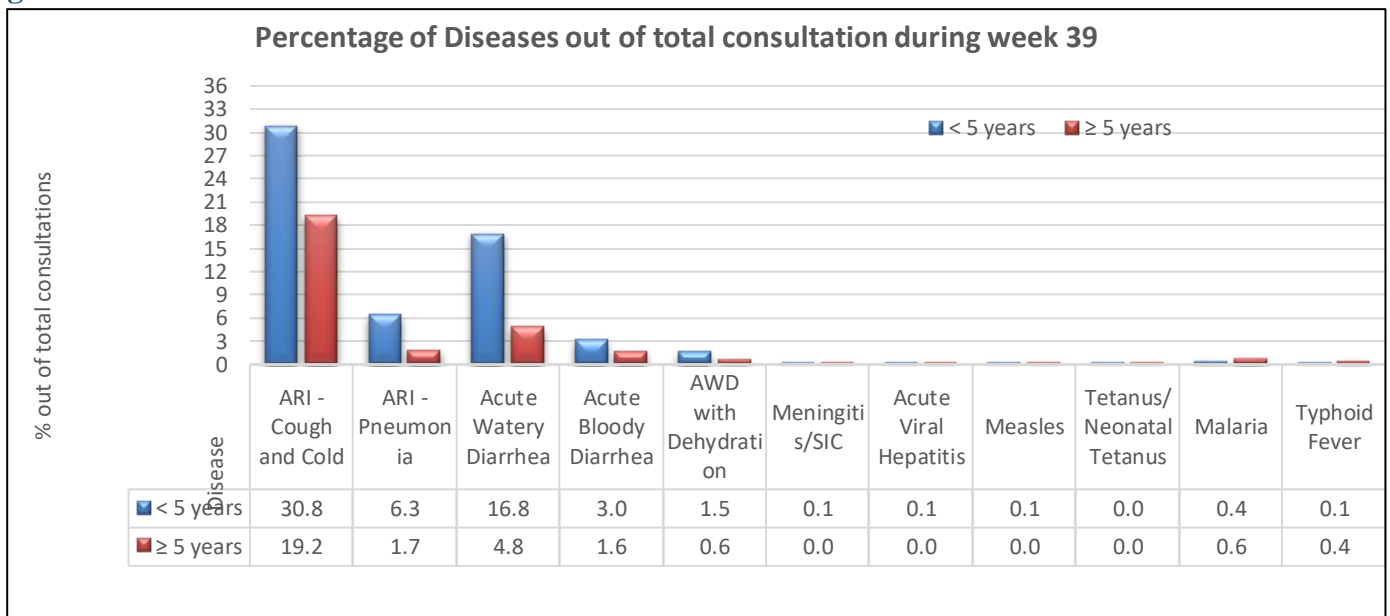
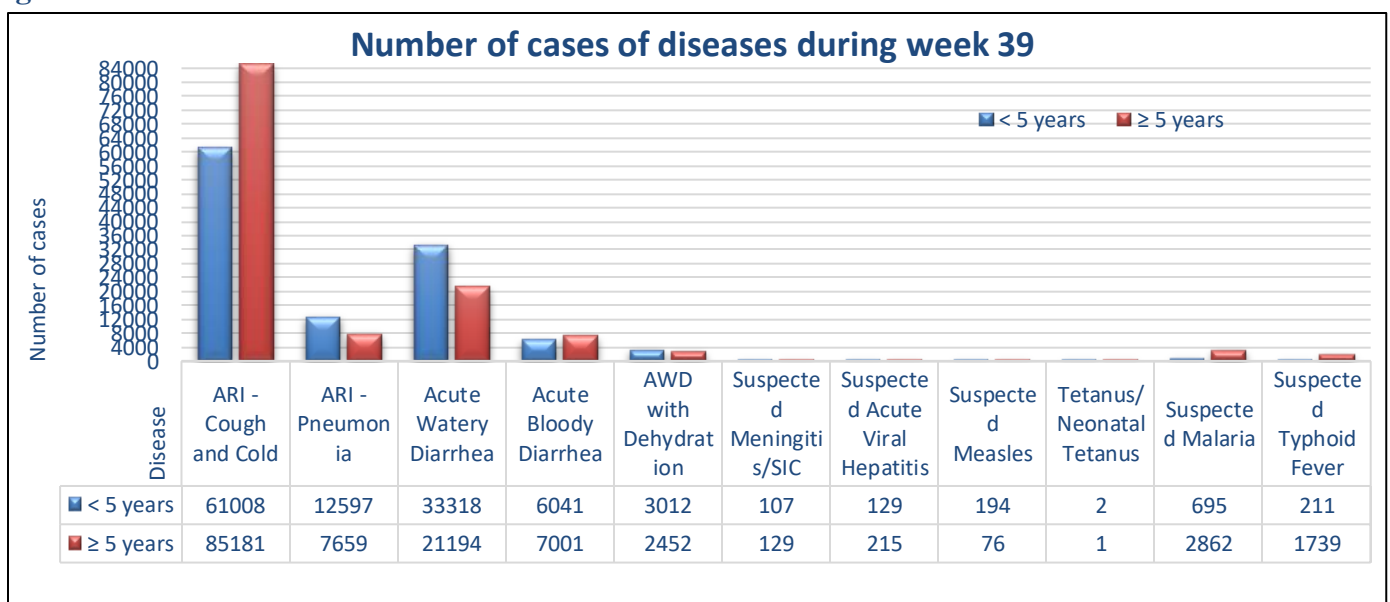


Figure 2: B



Seasonal Diseases:

Figure 3: A

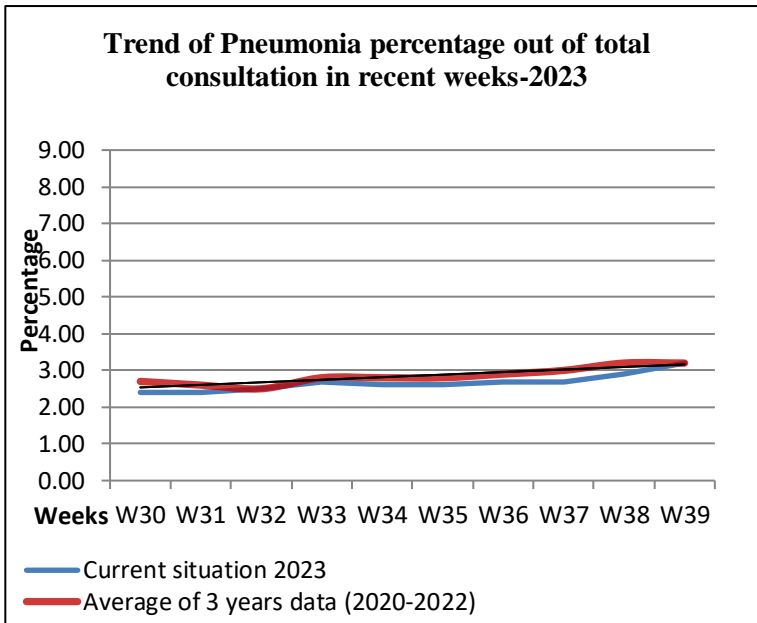


Figure 3: B

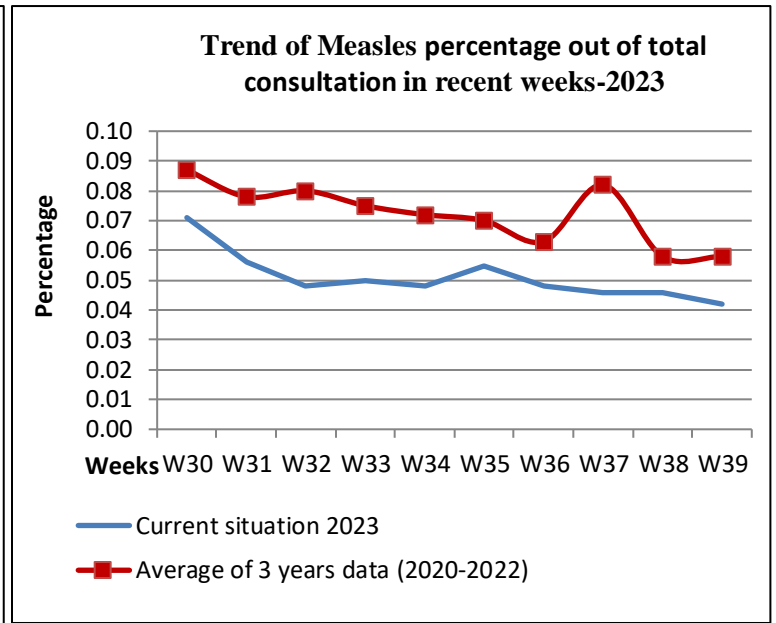


Figure 3: C

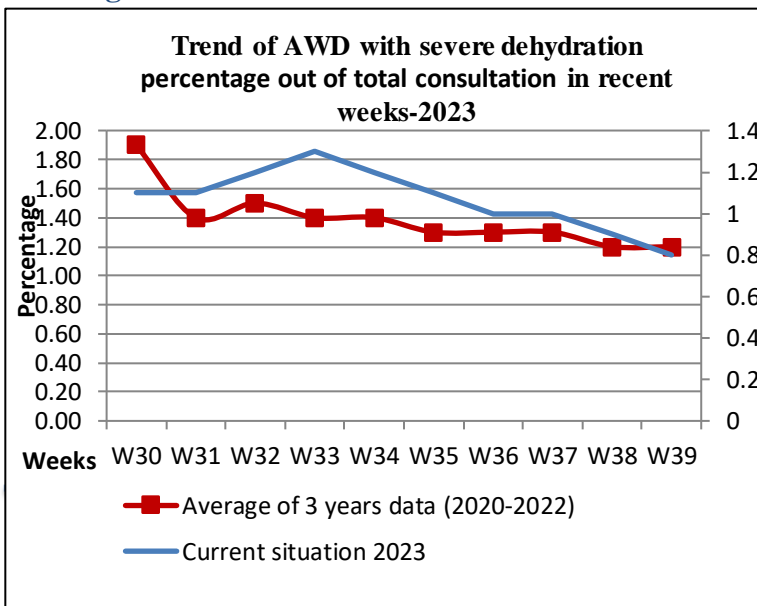


Figure 3: D

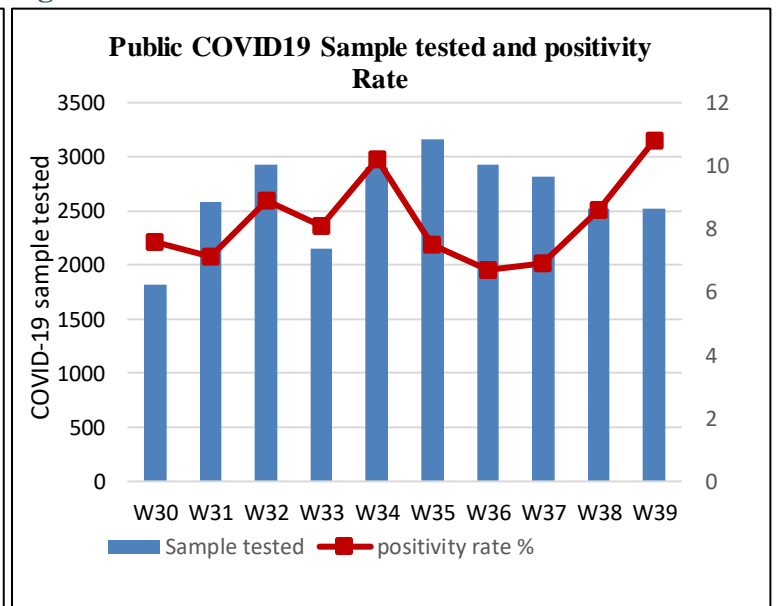


Table 3: Outbreaks in Week 39th 2023:

AWD with dehydration outbreaks from Kandahar, Kunar, Nangarhar, Nimroz and Paktya provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
27/09/2023	Kandahar	Shah Wali-Kot	Karwari	1	0	During this week, 08 AWD with dehydration outbreaks were reported from Kandahar, Kunar, Nangarhar, Nimroz and Paktya provinces, case management was done, health education sessions were conducted for all the cases.
26/09/2023		Takhta-Pol	DATC,8 And 3 Sub District	5	0	
28/9/2023	Kunar	Asadabad	Mano	1	0	
28/9/2023		Asadabad	Kerala	1	0	
27/9/2029		Sarkani	Tawheed Abad Village, Pashad Area	1	0	
24/9/2023	Nangarhar	Sorkhroad	Gandacheshma	1	0	
21/09/2023	Nimroz	Zarang	Dikhwoja	2	0	
23/9/2023	Paktya	Said Karam	Mash Kala	7	0	

Suspected Dog bites/ suspected Rabies outbreaks from Kabul, Paktya and Urozgan provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
24/9/2023	Kabul	Shakardara	Kariz Mir	3	0	During this week, 04 Dog bites/suspected Rabies outbreak were reported from Kabul, Paktya and Urozgan province, and case management was done, health education sessions were conducted for all the cases.
25/9/2023		Mir Bacha Koot	Sare Somooch	3	0	
25/9/2023	Paktya	Zazi Aryub	Bar Belawot And Petla	5	0	
27/09/2023	Urozgan	Tarinkot	Pirosha	7	0	

Lab confirmed Malaria outbreaks from Kandahar and Paktika provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
23/09/2023	Kandahar	Arghistan	Different Villages	118	0	During this week, 03 Lab confirmed Malaria outbreaks were reported from Kandahar and Paktika provinces, and case management was done, health education sessions were conducted for all the cases.
25/9/2023	Paktika	Jani Khel	Shakhel Abad	12	0	
24/9/2023		Ormamai	Ormamai	30	0	

Clinical Chickenpox outbreaks form Baghlan and Parwan provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
09/25/2023	Baghlan	Dhoshi	Zarsang	16	0	During this week, 02 Clinical Chickenpox outbreaks were reported from Baghlan and Parwan provinces and case management was done. Health education sessions were conducted for all the cases.
26/9/2023	Parwan	Bagram	Dehe mollah	10	0	

Measles outbreaks form Kabul and Kandahar provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
25/09/2023	Kabul	Kabul	Beside Ali Abad Hospital	5	0	During this week, 02 Measles outbreaks were reported from Kabul and Kandahar provinces and case management was done. Health education sessions were conducted for all the cases.
23/09/2023	Kandahar	Boldak	Nawi Kali	11	0	

Clinical Scabies outbreaks from Ghazni, Paktya and Saripul provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
28/09/2023	Ghazni	Center of Ghazni	Center of Ghazni	12	0	During this week, 03 Clinical Scabies outbreaks were reported from Ghazni, Paktya and Saripul provinces, and case management was done, health education session were conducted for all the cases.
27/09/2023	Paktya	Said Karam	Gout Qala	11	0	
25/09/2023	Saripul	Saripul	Saripul city	20	0	

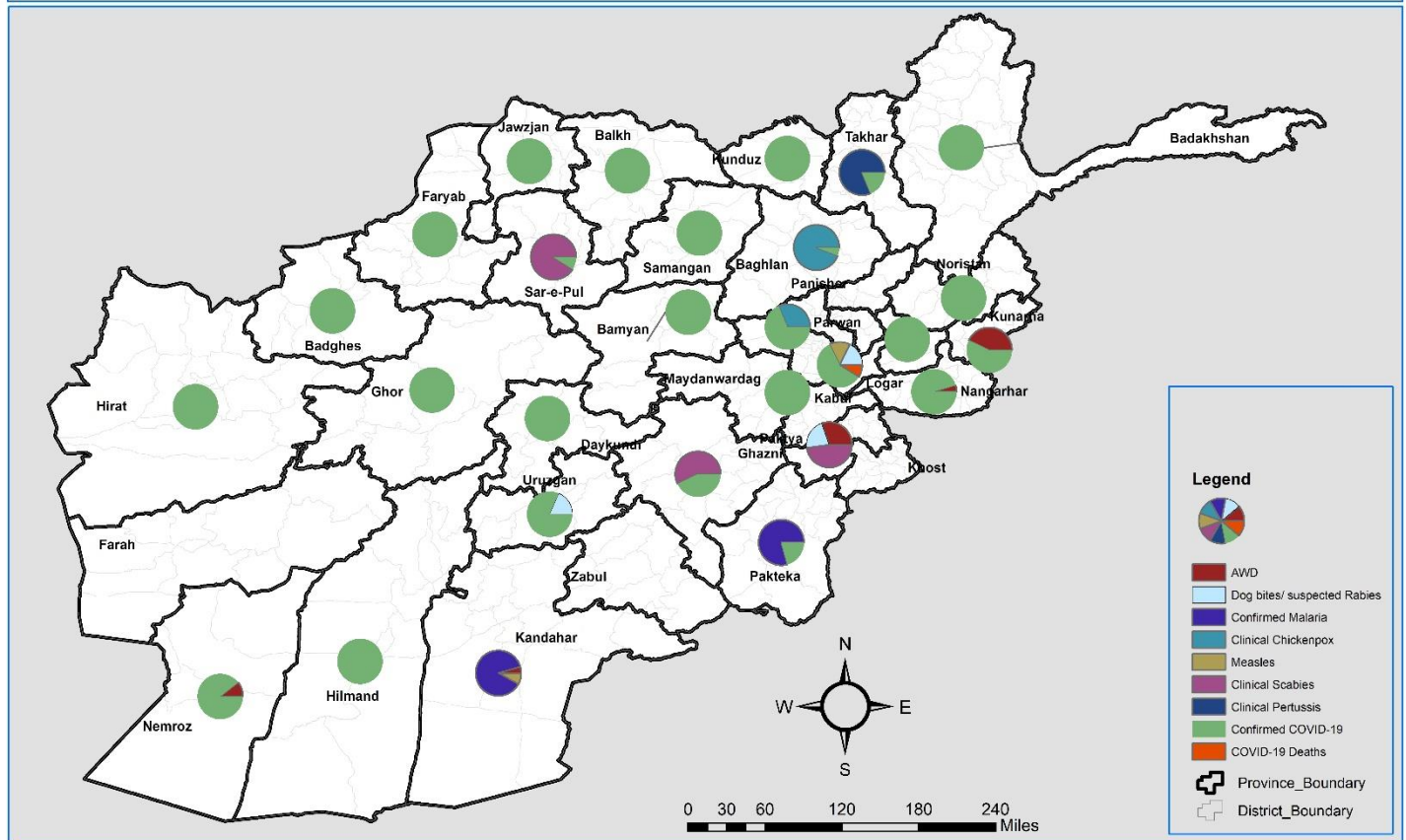
Clinical Pertussis outbreaks from Takhar province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
24/09/2023	Takhar	Taloqan	Eshan Helal	8	0	During this week, 02 Clinical Pertussis outbreaks were reported from Takhar province, and case management was done, health education sessions were conducted for all the cases.
27/09/2023			Bashir Abad	5	0	

Table 4: Updated outbreaks report during 2023 (01 Jan 2023 to 30 September 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	180	104	2201	11
Suspected Chickenpox	169	4	2480	0
Scabies	146	0	5616	0
Mumps	51	0	812	0
Dog bites/Suspected Rabies	57	0	434	1
Pertussis	53	0	839	1
Pneumonia	28	1	1135	24
Malaria	37	37	2960	0
Leishmaniasis	13	2	944	0
CCHF	23	23	147	13
Food poisoning	20	0	662	0
Anthrax	10	0	32	1
Unknown Poisoning	7	0	425	0
Typhoid Fever	3	1	105	3
Acute Bloody diarrhea	2	0	124	0
ARI	2	0	113	2
COVID 19	2	2	169	0
Acute watery Diarrhea (Dehydration)	45	42	263	0
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
Grand Total	863	217	20096	62

Figure 4: AWD with severe dehydration, Dog bites/suspected Rabies, Confirmed Malaria, Clinical Chickenpox, Measles, Clinical Scabies and COVID-19, CCHF and Covid-19 cases and deaths during the week 39th 2023.

Distribution of outbreak cases and deaths during the week 39, 2023 by Provinces



Laboratory surveillance:

A total of **4216** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **81** specimens were confirmed for Malaria, **43** specimens were confirmed for **Cholera**, **01** specimens were confirmed for **Measles**, **08** specimens were confirmed for Acute Viral Hepatitis, **07** specimens were confirmed for **Dengue Fever** (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 39th 2023, we have received reports from 08 out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa and Paktya). Out of all new hospital admissions, 128 (4.0%) Severe Acute Respiratory Infections cases were reported and 49% were under 5 years old. The proportion of SARI cases was slightly increased compared to week 38th 2023. Zero SARI-associated death was reported this week. At the 08 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Bamyan (16.7%), Kapisa (14.6%), and Baghlan (9.0%) provinces. 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, **2520** specimens were tested for suspected COVID-19. Out of which **271** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 10.8% this week, which increased 2.2 % compared to the previous week.
- Out of **271 confirmed** cases, **745** contacts out of **170** 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 **52,037** passengers have been screened for COVID-19 at the points of entry in four provinces (Balkh, Herat, Kandahar and Nangarhar).

Challenges:

- ADW with severe dehydration / Cholera cases are on increasing trend as a public health concern during this season.
- CCHF cases are a public health concern during this season.
- Measles cases are still a public health concern in the country, this week **286 (IBS+EBS)** Measles cases were reported to the surveillance system.
- ARI cough and cold cases are on the increasing (1.7%) trend compared to the last week.
- ARI pneumonia cases are on the increasing (0.3 %) trend compared to the last week.
- AWD cases are on the decreasing (1.2%) trend compared to the last week.
- Weak response system to outbreaks at the national level.

Recommendations:

- Cholera preventive and control measures should be strengthened especially WASH program.
- 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 **286 (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.