

Summary:

- Out of 613 functional Surveillance sentinel sites, 604 (98.5%) have submitted reports this week.
- A total of 666,650 new consultations, of which 243,282 (36.5%) were due to Surveillance targeted diseases. That included 128,229 (52.7%) males and 115,053 (47.3%) females. Also, 116,382 (47.2%) under five years old and 126,900 (52.2%) five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (124,179 = 18.6% cases out of total new consultations), Acute Diarrheal Diseases (92,106 =13.8% cases out of total new consultations), and Pneumonia (17,454= 2.6% cases out of total new consultations).
- A total of 279 deaths were reported this week, of which 77 (27%) were due to surveillance-targeted diseases, which include 43 pneumonia deaths, 12 Suspected Meningitis/ Severely ill Child deaths, 05 Acute watery Diarrhea (AWD) deaths, 01 Suspected Acute Viral Hepatitis deaths, 01 Suspected Hemorrhagic Fever death, 01 Tetanus/ Neonatal tetanus death and 02 Pregnancy-related deaths.
- In addition, during this week, 32 outbreaks were reported: 07 Confirmed Malaria outbreaks were reported from Kandahar, Parwan, Kapisa and Kunar provinces, 05 AWD outbreaks were reported from Kabul, Kandahar and Nangarhar provinces, 04 Pertussis outbreaks were reported from Kapisa, Logar, Nuristan and Pansher provinces, 03 Dog bite/ suspected Rabies outbreaks were reported from Kabul and Paktika provinces, 03 Scabies outbreaks were reported form Paktia province, 02 Measles were reported from Kabul and Uruzgan provinces, 02 CCHF outbreaks were reported from Balkh province, 02 Chickenpox were reported from Bamyan and Pansher provinces, 02 Food Poisoning outbreaks were reported form Kabul and Laghman provinces and 02 Leishmaniosis were reported from Faryab province,
- Moreover, 238 COVID-19 confirmed cases and 364 suspected Measles cases were reported at the national level.

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

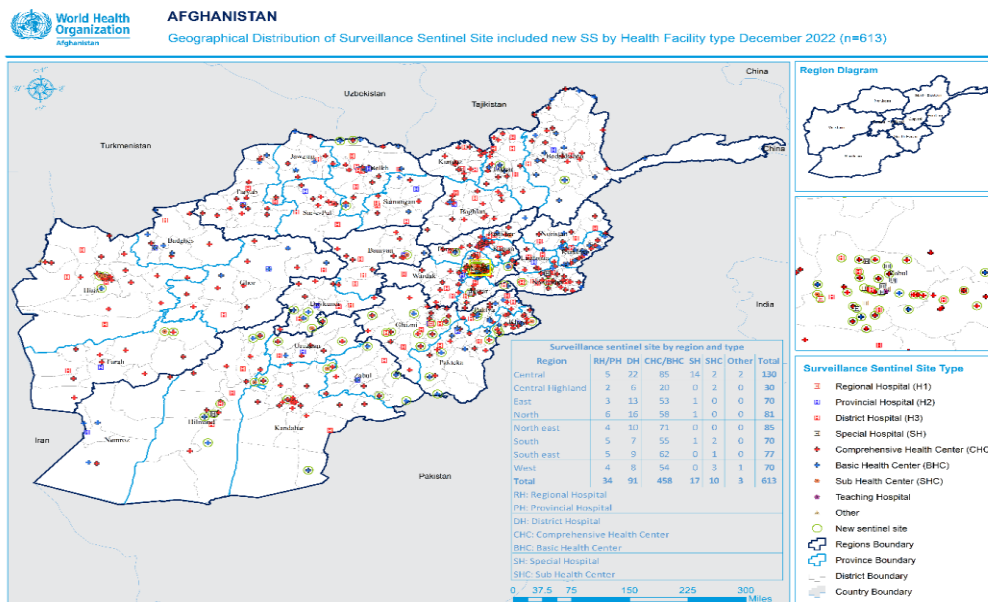


Table 1: Coverage of NDSR Surveillance System

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

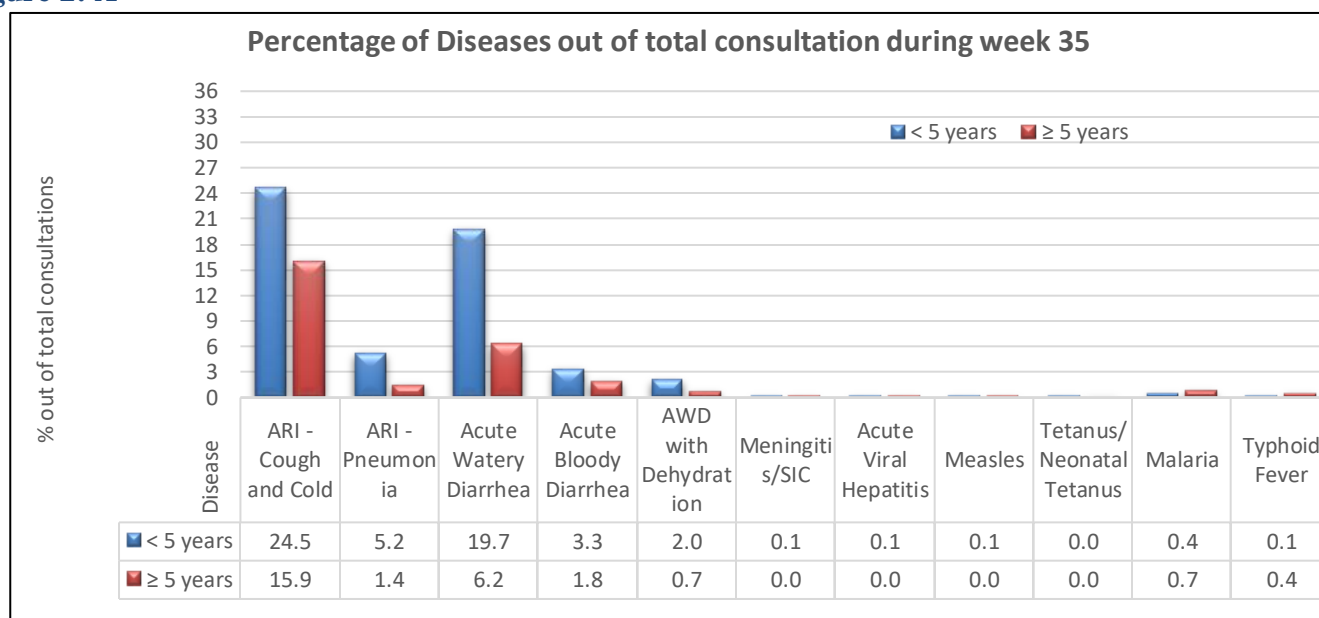
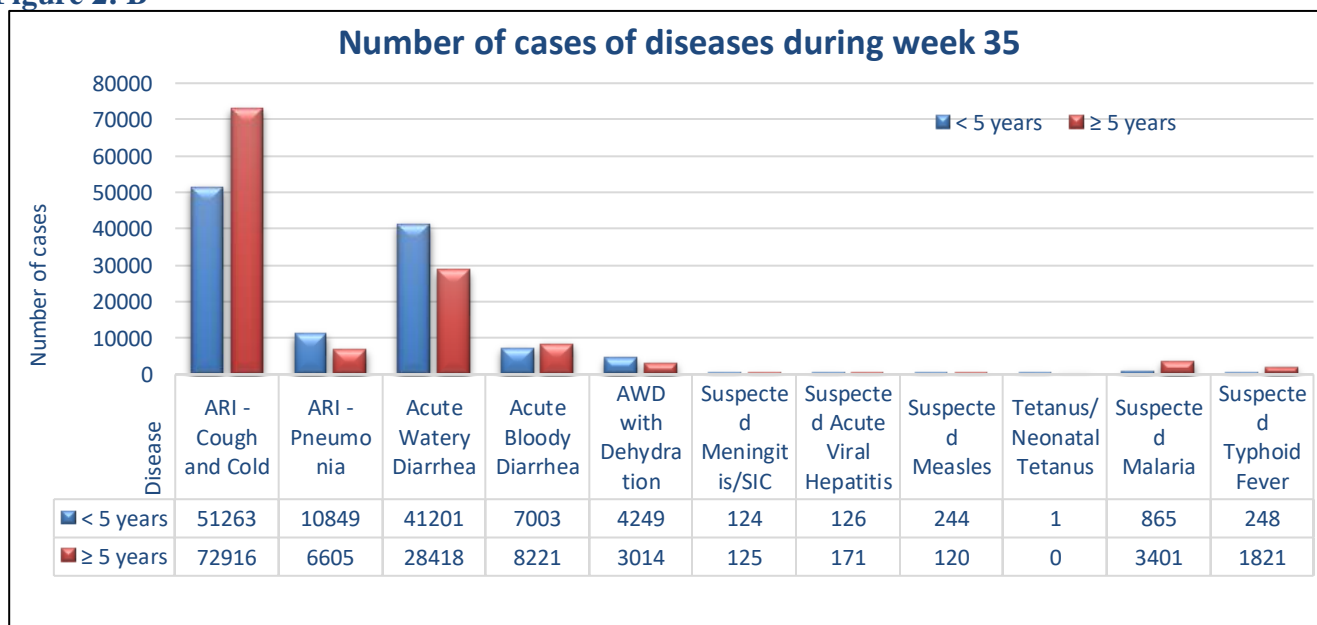


Figure 2: B



Seasonal Diseases:

Figure 3: A

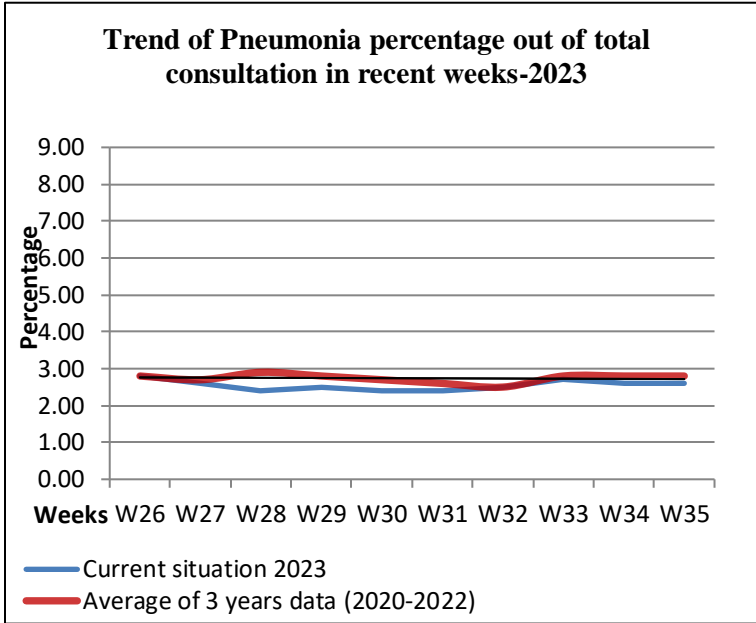


Figure 3: B

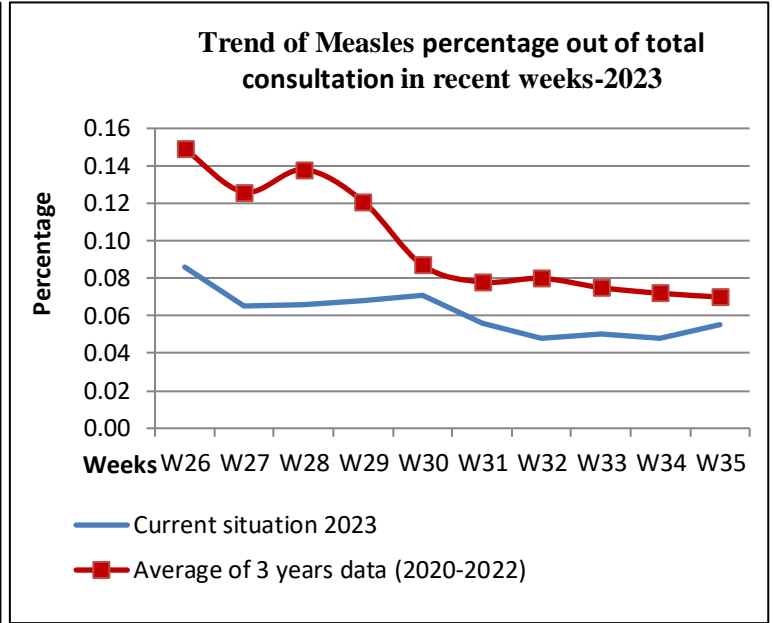


Figure 3: C

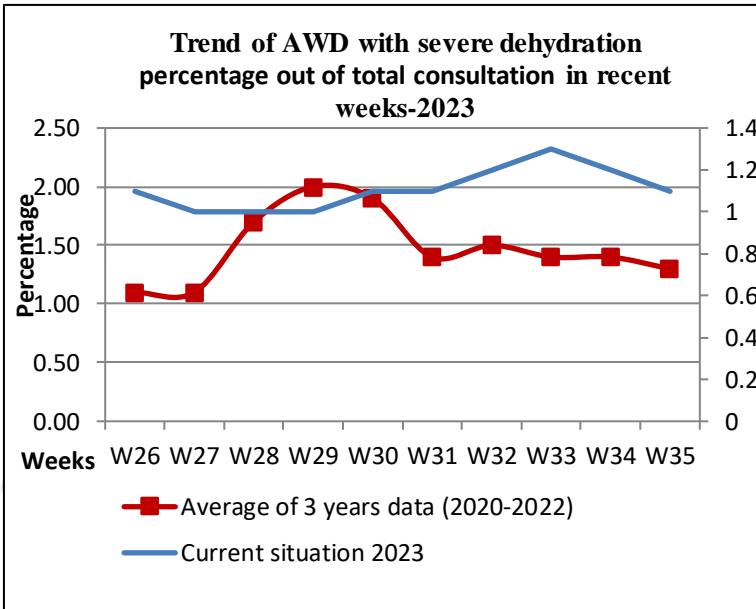


Figure 3: D

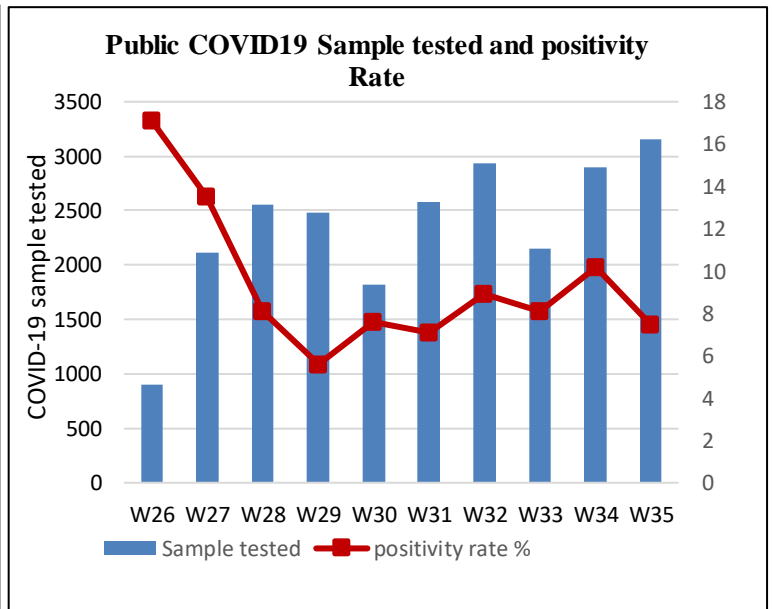


Table 3: Outbreaks in week 35th 2023:

Confirmed Malaria outbreaks form Kandahar, Parwan, Kapisa and Kunar provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
27/08/2023	Kandahar	Spin Boldak	Nika And Wazir Kaho	44	0	During this week, 07 Confirmed Malaria outbreaks were reported from Kandahar, Parwan, Kapisa and Kunar provinces, and case management was done, health education sessions were conducted for all the cases.
27/08/2023	Parwan	Charikar	Charikar PH	3	0	
30/08/2023		Charikar	Chaikal C	3	0	
27/8/2023	Kapisa	Kohband	Arab Khail	4	0	
29/8/2023		Alasay	Sultan Khail	3	0	
27/08/2023	Kunar	Sarkani	Sarkani CHC	129	0	
27/08/2023		Khas Kunar	Mangwal BHC	95	0	

AWD outbreaks form Kabul, Kandahar and Nangarhar provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
29/08/2023	Kabul	District 16	Qala E Zaman Khan	1	0	During this week, 05 AWD outbreaks were reported from Kabul, Kandahar and Nangarhar provinces and case management was done. Health education sessions were conducted for all the cases.
28/08/2023	Kandahar	Panjwaie	Dastagiri	6	0	
28/08/2023		Kandahar City	12- Sub District	1	0	
31/08/2023		Kandahar City	5- Sub District	1	0	
30/08/2023	Nangarhar	Behsood	Zinatul Quran Madrasa Mulimabad	7	0	

Suspected Measles outbreaks from Kabul and Urozgan provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
27/07/2023	Kabul	Kabul	Qala E Wahid	6	0	During this week, 02 Suspected Measles outbreaks were reported from Kabul and Urozgan provinces, and case management was done, health education sessions were conducted for all the cases.
28/08/2023	Urozgan	Tarinkot	1st Nahia	12	0	

Clinical Chickenpox outbreaks form Bamyan and Panjsher provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
27/08/2023	Bamyan	Yakawlang	Kham Astana	59	0	During this week, 02 Clinical Chickenpox outbreaks were reported from Bamyan and Panjsher provinces, and case management was done. Health education sessions were conducted for all the cases.
27/08/2023	Panjsher	Bazarak	Kanda	9	0	

Suspected Scabies outbreaks from Paktya province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
29/08/2023	Paktia	Merzaka	Zangi khil	17	0	During this week, 03 Suspected Scabies outbreaks were reported from Paktya province, and case management was done, health education sessions were conducted for all the cases.
27/08/2023		Sayed Karam	Osman khil dara	22	0	
27/08/2023		Gardiz	Bagh shah	47	0	

Food Poisoning outbreak from Kabul and Laghman provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
29/08/2023	Kabul	Guldara	Baagh Haay Bedak	4	0	During this week, 02 Food Poisoning outbreaks were reported from Kabul and Laghman provinces, and case management was done, health education sessions were conducted for all the cases.
02/09/2023	Laghman	Mehterlam	Nanakzay	6	0	

Clinical Pertussis outbreaks from Kapisa, Logar, Nuristan and Panjshir provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
28/8/2023	Kapisa	Tagab	Ghani Khail	7	0	During this week, 04 Clinical Pertussis outbreaks were reported from Kapisa, Logar, Nuristan and Panjshir provinces, and case management was done, health education sessions were conducted for all the cases.
28/09/2023	Logar	M. Agha	Soor Kariz	17	0	
29/08/2023	Nuristan	Want Waigal	Waigal& Klaigal	32	0	

27/08/2023	Panjsher	Center	Sata	5	0	
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CCHF outbreaks from Balkh province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
27/08/2023	Balkh	Mazari Sharif	Faqir Abad	3	0	During this week, 02 CCHF outbreaks were reported from Balkh province, and case management was done, health education sessions were conducted for all the cases.
31/08/2023		Mazari Sharif	Nawabad & Dashtishoor	2	0	

Leishmaniosis outbreak from Faryab province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
30/08/2023	Faryab	Pashtonkot	Onchi arlat	10	0	During this week, 02 Leishmaniosis outbreaks were reported from Faryab province, and case management was done, health education sessions were conducted for all the cases.
26/08/2023		Khuja Musa	Khuja Qul	20	0	

Dog bite / suspected Rabies outbreaks from Kabul and Paktika provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
28/08/2023	Kabul	Paghman	Chandal Baayi	4	0	During this week, 03 Dog bite/suspected Rabies outbreaks were reported from Kabul and Paktika provinces, and case management was done, health education sessions were conducted for all the cases.
30/08/2023		District 17	Sare Kotal	3	0	
29/08/2023	Paktika	Sharan	Kashewal	6	0	

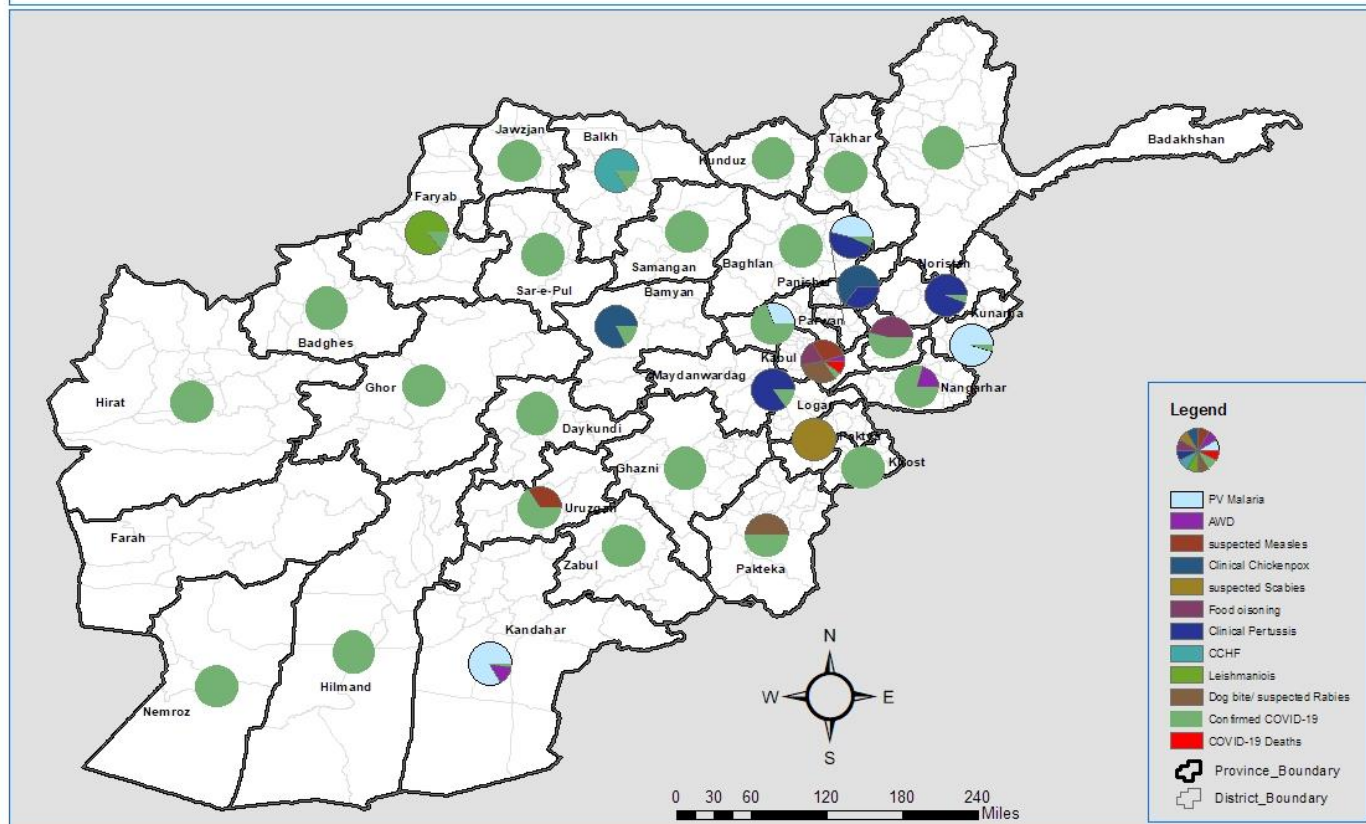
Table 4: Updated outbreaks report during 2023 (01 Jan 2023 to 02 September 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	175	104	2162	11
Suspected Chickenpox	159	4	2337	0
Scabies	134	0	5397	0
Mumps	50	0	801	0
Dog bites/Suspected Rabies	52	0	408	0
Pertussis	47	0	794	1
Pneumonia	28	1	1135	24
Malaria	27	27	2195	0
Leishmaniasis	13	2	944	0
CCHF	21	21	143	13
Food poisoning	17	0	641	0
Anthrax	9	0	31	1

Unknown Poisoning	4	0	388	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)	21	20	177	0
Tinea Capitis	2	0	21	0
Skin diseases	2	0	550	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
Vaccine reaction	1	0	4	0
Grand Total	777	181	18535	58

Figure 4: Confirmed Malaria, AWD, Suspected Measles, Clinical Chickenpox, Food Poisoning, Clinical Pertussis, CCHF, Leishmaniosis, Dog bite/ suspected Rabies and Covid-19 cases and deaths during the week 35th 2023.

Distribution of outbreak cases and deaths during the week 35, 2023 by Provinces



Laboratory surveillance:

A total of **4774** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **91** specimens were confirmed for Malaria, **15** specimens were confirmed for **Cholera**, **05** specimens were confirmed for **Measles**, **14** specimens were confirmed for Acute Viral Hepatitis and **03** specimens were confirmed for **CCHF** (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 35th 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, 121 (.37%) Severe Acute Respiratory Infection cases were reported, and 58% were under 5 years old. The proportion of SARI cases was slightly increased compared to week 34th 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 Baghlan (18.0%), Bamyan (13.6%), and Kapisa (7.7%) 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, **3159** specimens were tested for suspected COVID-19. Out of which **238** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 7.5% this week, which decreased 2.6 % compared to the previous week.
- Out of **238 confirmed** cases, **734** contacts out of **171** 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 **13,365** 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 **382 (IBS+EBS)** Measles cases were reported to the surveillance system.
- ARI cough and cold cases are on the increasing (0.4%) 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 (0.7%) 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 **382 (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.