

Summary:

- Out of **613** functional Surveillance sentinel sites, **610 (99.5%)** have submitted reports this week.
- A total of **671,374** new consultations, of which **248,881 (37.1%)** were due to Surveillance targeted diseases. That included **131,072 (52.7%) males** and **117,809 (47.3%) females**. Also, **118,224 (47.5%)** under five years old and **130,657 (52.5%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**141,121 = 21%** cases out of total new consultations), Acute Diarrheal Diseases (**79189 =12.6%** cases out of total new consultations), and Pneumonia (**19,579= 2.9%** cases out of total new consultations).
- A total of **263** deaths were reported this week, of which **45 (17.1%)** were due to surveillance-targeted diseases, which include **31 pneumonia** deaths, **05 Suspected acute viral hepatitis** deaths, **02 Suspected Meningitis/ Severely ill Child** deaths, **05 Acute Watery Diarrhoea with dehydration** deaths and **02 Suspected Hemorrhagic Fever** deaths.
- In addition, during this week, **28** outbreaks were reported: **07 AWD with severe dehydration (suspected Cholera)** outbreaks were reported from Helmand, Kandahar, Kunar and Nangarhar provinces, **04 Clinical Chickenpox** outbreaks form Laghman, Samangan, Takhar and Urozgan provinces, **04 Lab confirmed Malaria** outbreaks from Faryab, Kunar, Paktika and Takhar provinces, **05 Clinical Scabies** outbreaks from Ghazni, Kapisa, Paktya and Wardak provinces, **02 Food Poisoning** outbreaks form Kabul and Kandahar provinces, **02 Clinical Pertussis** outbreaks from Badakhshan and Logar provinces, **01 Suspected Measles outbreak from Wardak province**, **01 Suspected viral Hepatitis** outbreak from Daykundi province, **01 Lab confirmed COVID-19** outbreak from Kunduz province, **01 CCHF** outbreak was reported from Kunduz province.
- Moreover, **216** COVID-19 confirmed cases and **309** suspected Measles cases were reported at the national level.

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

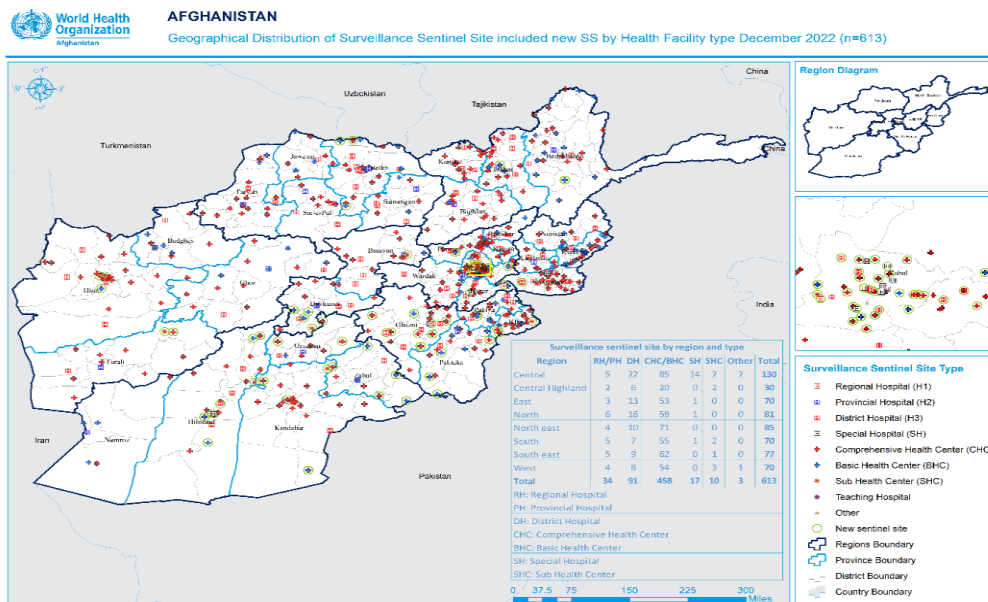


Table 1: Coverage of NDSR Surveillance System

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

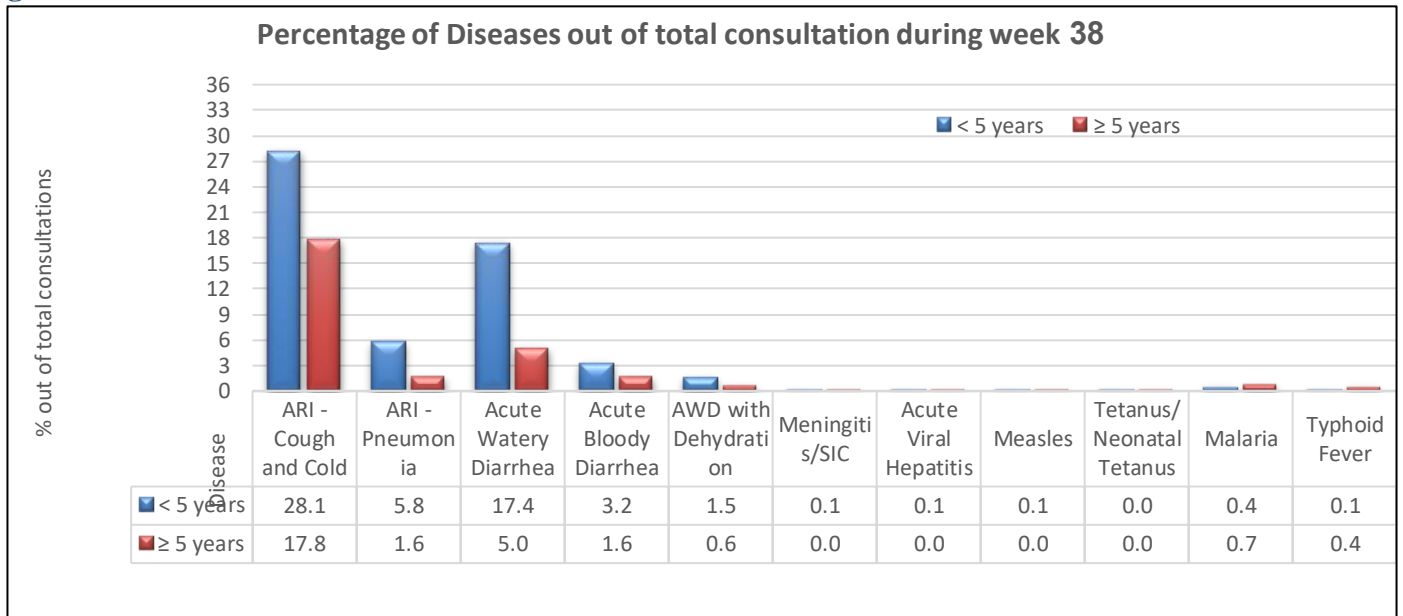
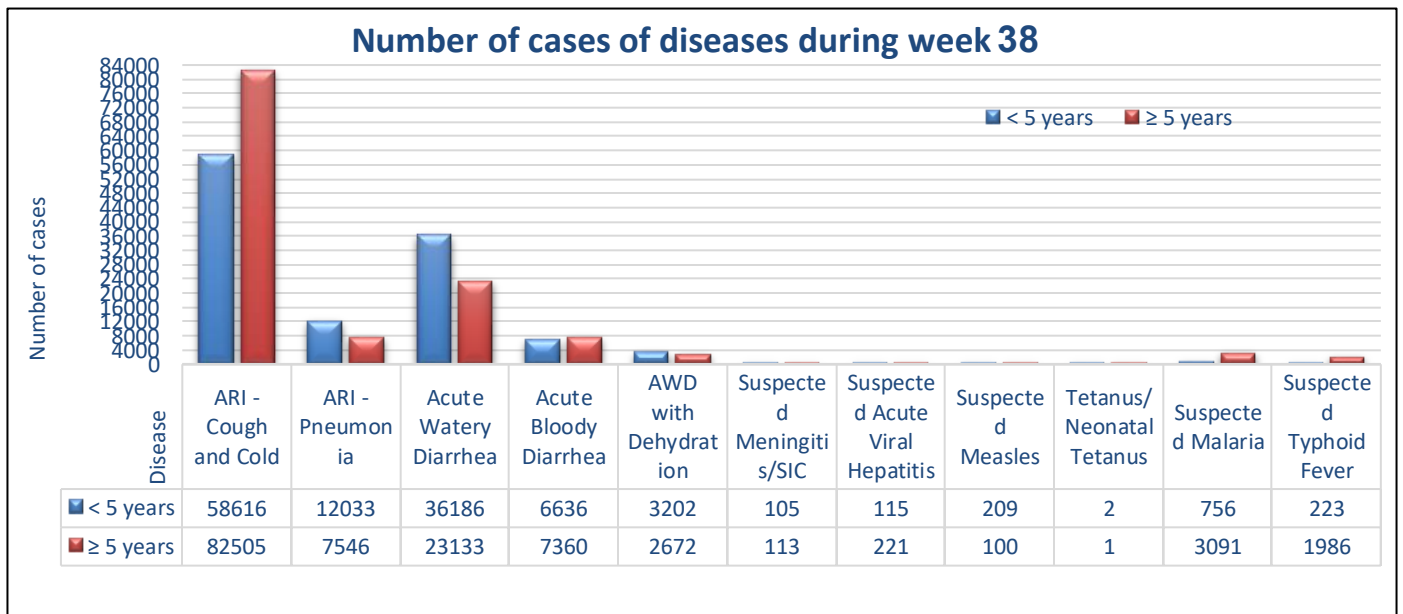


Figure 2: B



Seasonal Diseases:

Figure 3: A

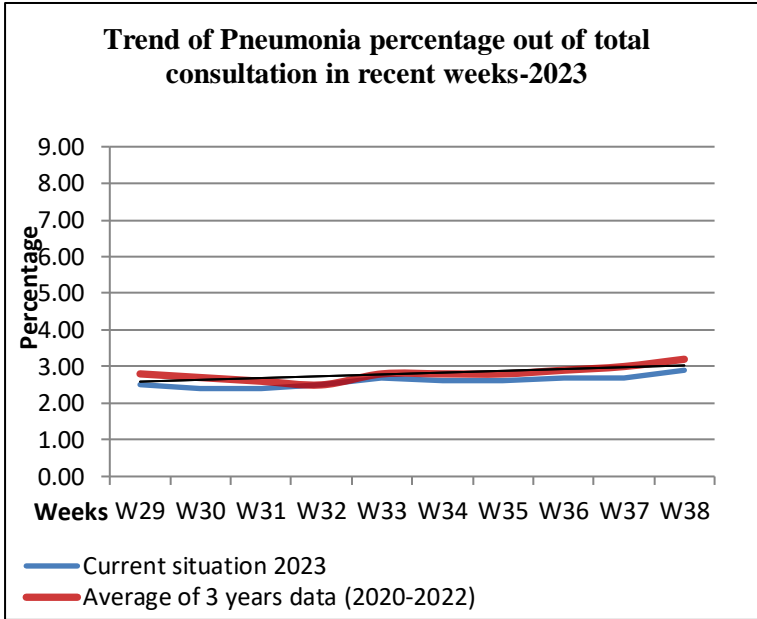


Figure 3: B

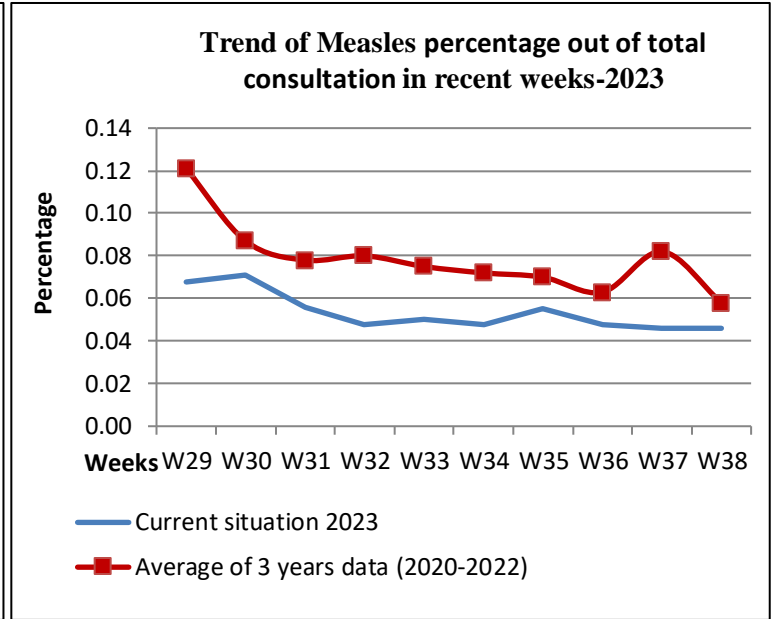


Figure 3: C

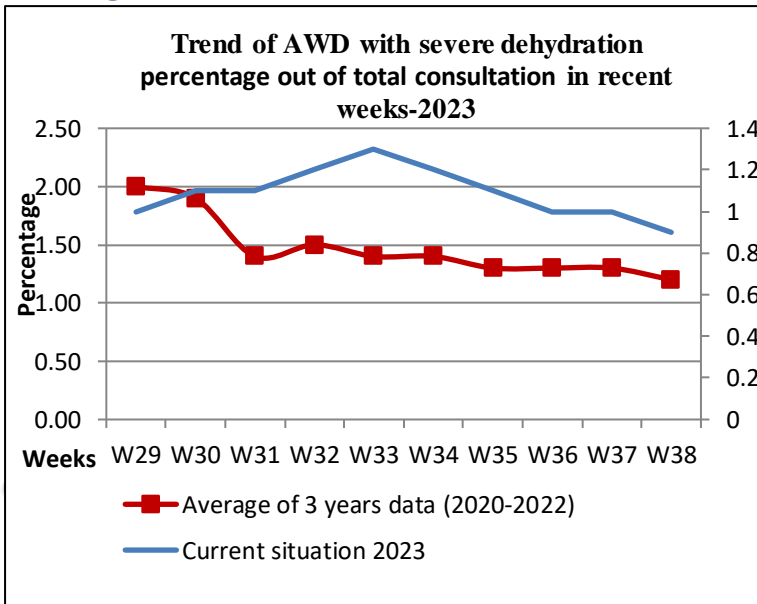


Figure 3: D

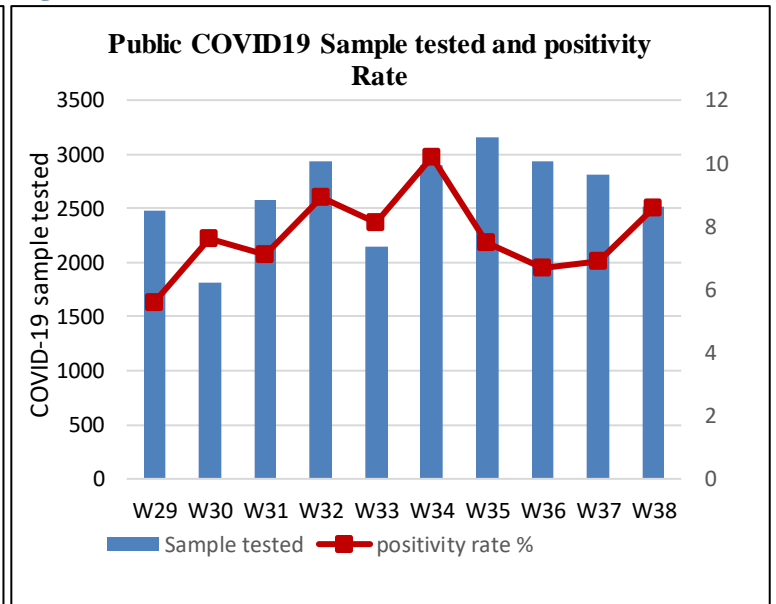


Table 3: Outbreaks in week 38th 2023:

AWD with dehydration outbreaks from Helmand, Kandahar, Kunar and Nangarhar provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
12/09/2023	Helmand	Lashkarga City	Mukhtar Village	2	0	During this week, 07 AWD with dehydration outbreaks were reported from Helmand, Kandahar, Kunar and Nangarhar provinces, case management was done, health education sessions were conducted for all the cases.
13/09/2023		Nadali	Zangal	1	0	
16/09/2023	Kandahar	Zhari	Sanzari	1	0	
20/09/2023	Kunar	Pech Dara	Dare Khar	16	0	
17/09/2023		Asad Abad	Tesha	14	0	
14/09/2023	Nangarhar	Behsood	Ghamish Bella	1	0	
20/09/2023		Kama	Mastali	1	0	

Clinical Chickenpox outbreaks form Laghman, Samangan, Takhar and Urozgan provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
17/09/2023	Laghman	Mehterlam	Meer Hassan Bela	7	0	During this week, 04 Clinical Chickenpox outbreaks were reported from Laghman, Samangan, Takhar and Urozgan provinces and case management was done. Health education sessions were conducted for all the cases.
19/09/2023	Samangan	Sarbagh	Langar	31	0	
18/09/2023	Takhar	Taluqan	Tila Bai	18	0	
17/09/2023	Urozgan	Tarinkot	Painawa	13	0	

Lab confirmed Malaria outbreaks from Faryab, Kunar, Paktika and Takhar provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
17/09/2023	Faryab	Almar	Ghalbala	11	0	During this week, 04 Lab confirmed Malaria outbreaks were reported from Faryab, Kunar, Paktika and Takhar provinces, and case management was done, health education sessions were conducted for all the cases.
16/09/2023	Kunar	Narai	Bari Kot CHC	320	0	
18/09/2023	Paktika	Waza Khwa	Shazo	20	0	
19/09/2023	Takhar	Chah Ab	Samti Villages	64	0	

Clinical Scabies outbreaks from Ghazni, Kapisa, Paktya and Wardak provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
11/09/2023	Ghazni	Khugiani	Deh Mula	32	0	During this week, 05 Clinical Scabies outbreaks were reported from Kapisa, Ghazni, Paktya and Wardak provinces, and case management was done, health education session were conducted for all the cases.
17/9/2023	Kapisa	Center	Derestan	8	0	
17/9/2023		Center	Derestan	8	0	
19/09/2023	Paktya	Sayed Karam	Badam Kanda	19	0	
16/09/2023	Wardak	Said abad	Chahar dehee area	27	0	

Food Poisoning outbreaks form Kabul and Kandahar provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
17/09/2023	Kabul	Surobi	Sarchino	8	0	During this week, 02 Food Poisoning 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	Kandahar City	Loya-Wala	4	0	

Clinical Pertussis outbreaks from Badakhshan and Logar provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
20/09/2023	Badakhshan	Faizabad	Dashti Shuhada	7	0	During this week, 02 Clinical Pertussis outbreaks were reported from Badakhshan and Logar provinces, and case management was done, health education sessions were conducted for all the cases.
11/09/2023	Logar	Puli Alam	Khalil Abad	11	0	

Suspected Measles outbreak from Wardak province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
19/09/2023	Wardak	Chak	Qazyan Sayab	7	0	During this week, 01 suspected Measles outbreak was reported from Wardak province, and case management was done, health education sessions was conducted for all the cases.

Suspected viral Hepatitis outbreak from Daykundi province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
19/09/2023	Daykundi	Nili	Hejdi	7	0	During this week, 01 Suspected viral Hepatitis outbreak was reported from Daykundi province, and case management was done, health education sessions was conducted for all the cases.

Lab confirmed COVID-19 outbreak from Kunduz province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
16/09/2023	Kunduz	Kunduz	Madrash Al Jahadia	70	0	During this week, 01 lab confirmed COVID-19 was reported from Kunduz province, and case management was done, health education session was conducted for all the cases.

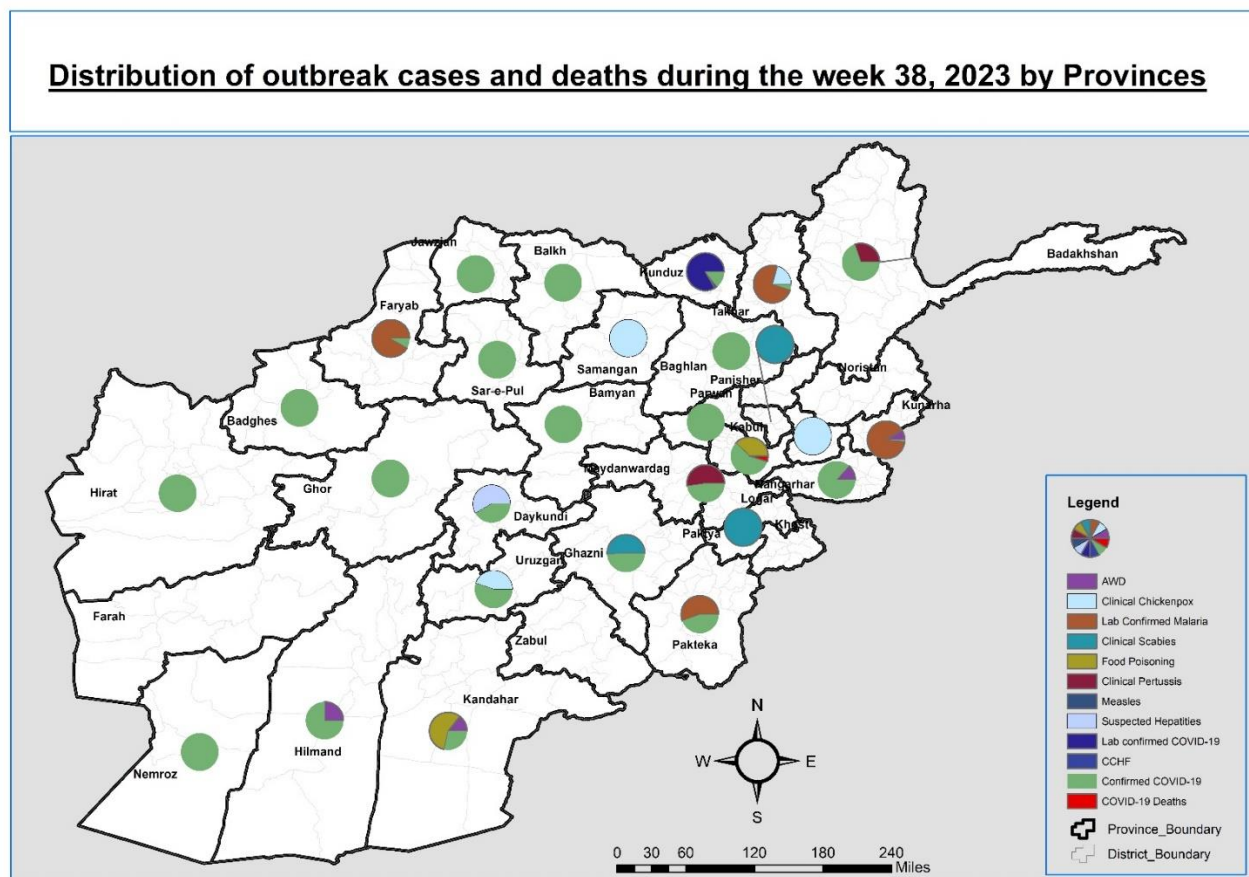
CCHF outbreak form Kunduz province						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
19/09/2023	Kunduz	Chardarah	Dawar Abad	2	0	During this week, 01 CCHF outbreak was reported from Kunduz province, and case management was done, health education session was conducted for all the cases.

Table 4: Updated outbreaks report during 2023 (01 Jan 2023 to 23 September 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	178	104	2185	11
Suspected Chickenpox	167	4	2454	0
Scabies	143	0	5573	0
Mumps	51	0	812	0
Dog bites/Suspected Rabies	53	0	416	0
Pertussis	51	0	826	1
Pneumonia	28	1	1135	24
Malaria	34	34	2800	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)	37	35	244	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	839	207	19801	61

Figure 4: AWD with severe dehydration, Clinical Chickenpox, Lab confirmed Malaria, Clinical Scabies, Food Poisoning, Clinical Pertussis, Measles, Suspected Hepatitis, Lab confirmed COVID-19, CCHF and Covid-19 cases and deaths during the week 38th 2023.



Laboratory surveillance:

A total of **4342** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **79** specimens were confirmed for Malaria, **56** specimens were confirmed for **Cholera**, **06** specimens were confirmed for **Measles**, **18** specimens were confirmed for Acute Viral Hepatitis, **08** specimens were confirmed for **Dengue Fever** and **01** specimens were confirmed for **CCHF** (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 38th 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, 117 (3.6%) Severe Acute Respiratory Infections cases were reported and 54% were under 5 years old. The proportion of SARI cases was slightly decreased compared to week 37th 2023. 03 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 (12.8%), Baghlan (12%), and Kapisa (9.2%) 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, **2516** specimens were tested for suspected COVID-19. Out of which **216** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 8.6% this week, which increased 1.7 % compared to the previous week.
- Out of **216 confirmed** cases, **635** contacts out of **139** 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 **59,761** 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 **316 (IBS+EBS)** Measles cases were reported to the surveillance system.
- ARI cough and cold cases are on the increasing (0.7%) trend compared to the last week.
- ARI pneumonia cases are on the increasing (0.2 %) trend compared to the last week.
- AWD cases are on the same trend (12.6%) 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 **316 (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.