

Summary:

- Out of **613** functional Surveillance sentinel sites, **607(99%)** have submitted reports this week.
- A total of **644,138** new consultations, of which **252,901 (39.3%)** were due to Surveillance targeted diseases. That included **133,955 (53%) males** and **118,946 (47%) females**. Also, **117,887 (46.6%)** under five years old and **135,014 (53.4%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**159,359 = 24.7%** cases out of total new consultations), Acute Diarrheal Diseases (**60,775 =9.4%** cases out of total new consultations), and Pneumonia (**25,349= 3.9%** cases out of total new consultations).
- A total of **295** deaths were reported this week, of which **74 (25.1%)** were due to surveillance-targeted diseases, which include **59 ARI Pneumonia** deaths, **07 Acute Watery Diarrhea with Dehydration** deaths, **04 Suspected acute viral hepatitis** deaths and **04 Suspected Meningitis/ Severely ill Child** deaths.
- In addition, during this week, **19** outbreaks were reported: **06 Chickenpox** outbreaks were reported from Baghlan, Kabul, Parwan, Samangan and Wardak provinces, **03 Clinical Scabies** outbreaks were reported from Parwan and Paktia provinces, **02 AWD with Dehydration (suspected Cholera)** outbreaks were reported from Helmand province, **01 Anthrax** outbreak was reported from Kabul province, **01 CCHF** outbreak was reported from Kabul province, **01 Drug Poisoning** outbreak was reported from Parwan province, **01 Measles** outbreak was reported from Urozgan province, **01 Conjunctivitis** outbreak was reported from Logar province, **01 COVID-19** outbreak was reported from Ghazni province, **01 Pertussis** outbreak was reported from Kandahar province and **01 Pink Eye** outbreak was reported form Kabul province.
- Moreover, **257** COVID-19 confirmed cases and **264** suspected Measles cases were reported at the national level.

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

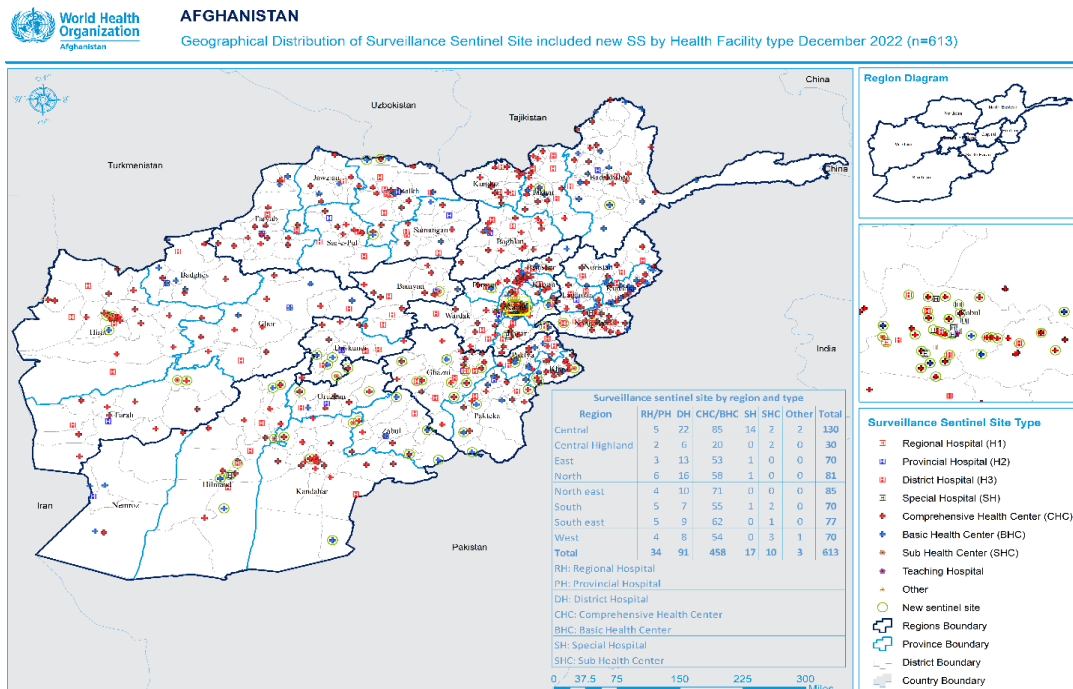


Table 1: Coverage of NDSR Surveillance System

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

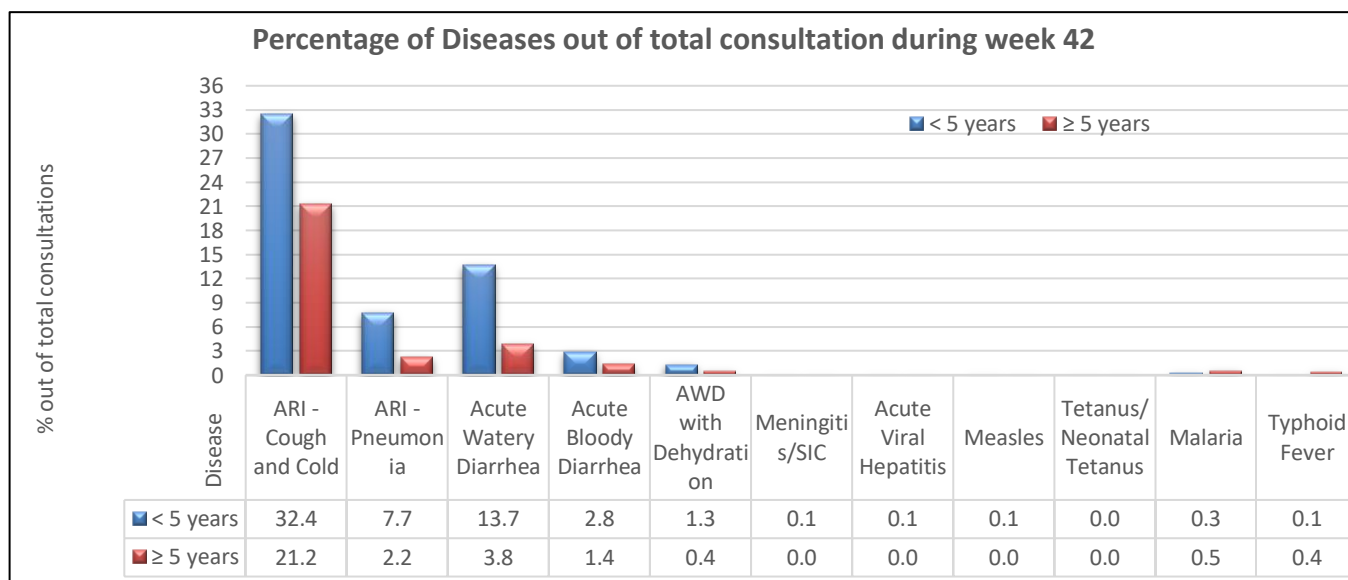
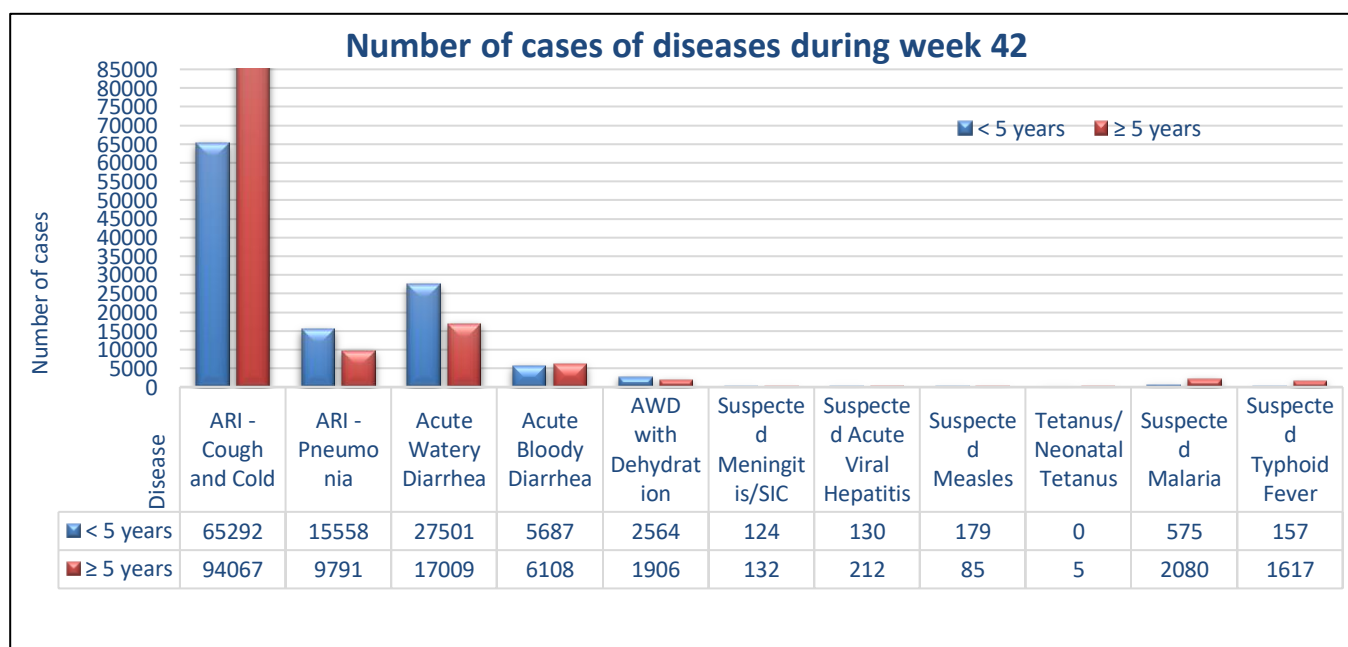


Figure 2: B



Seasonal Diseases:

Figure 3: A

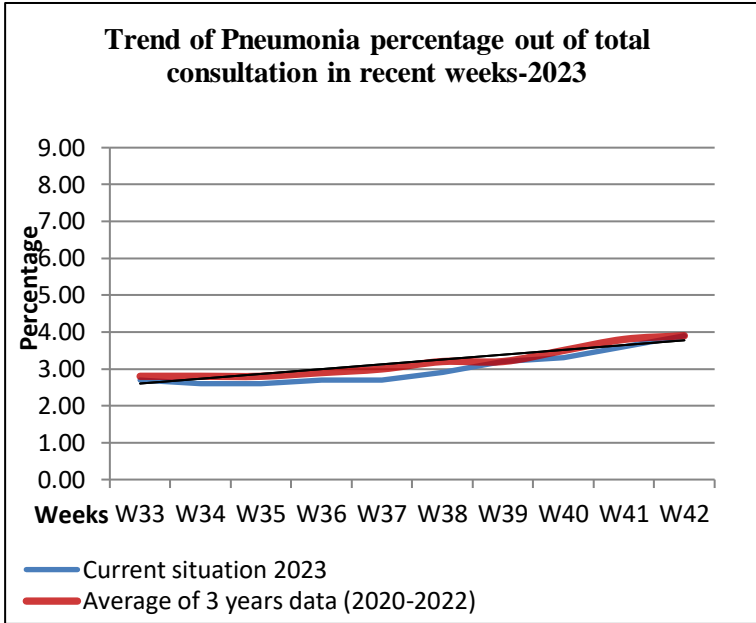


Figure 3: B

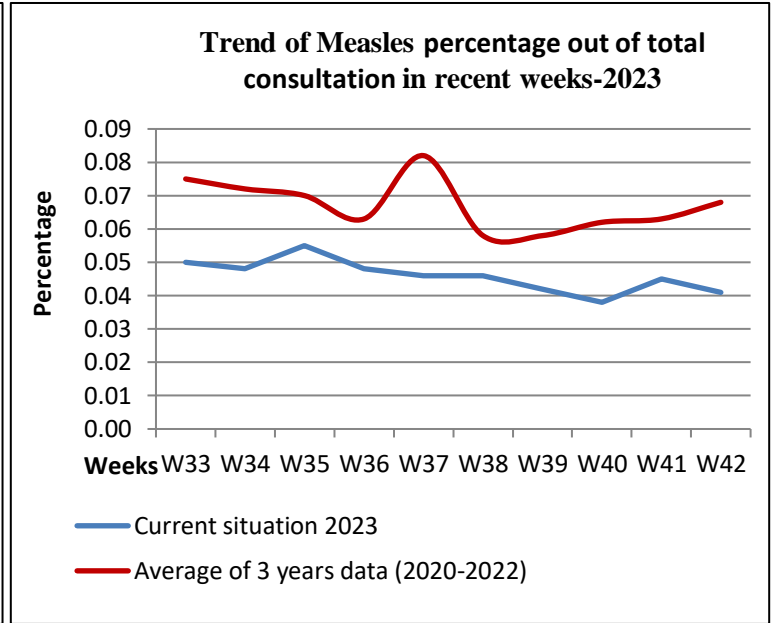


Figure 3: C

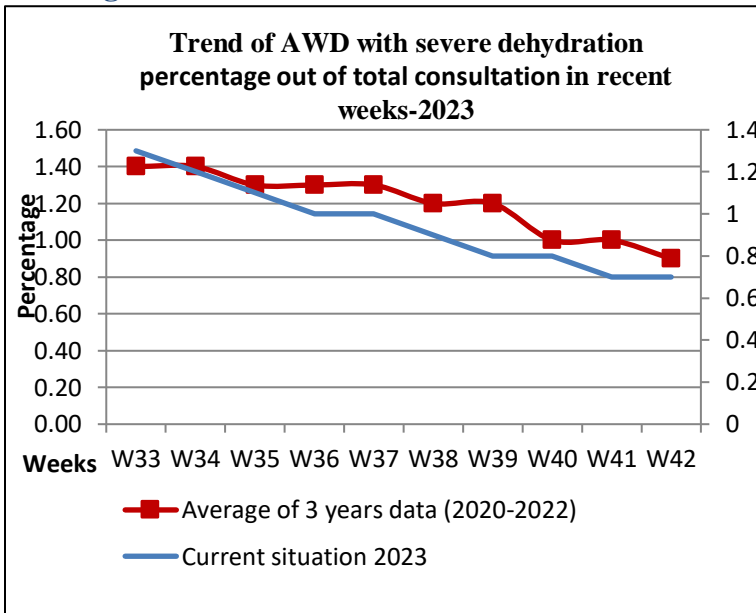


Figure 3: D

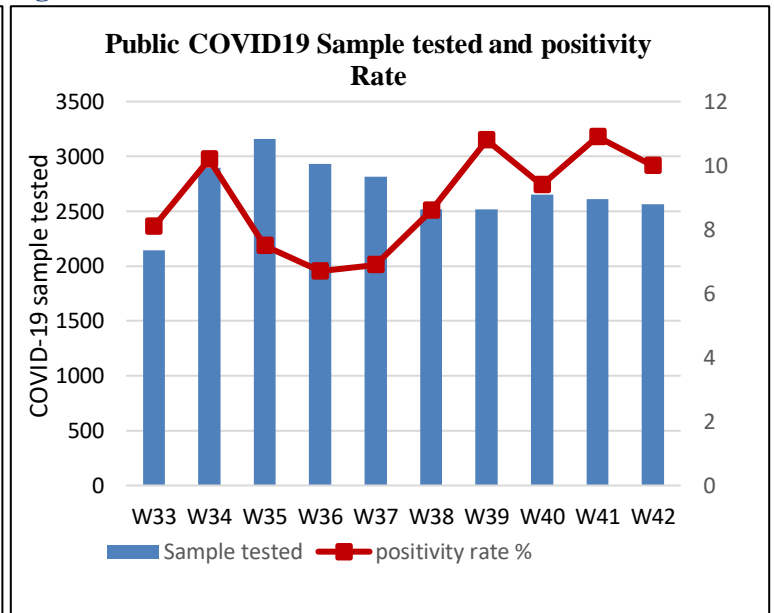


Table 3: Outbreaks in Week 42nd 2023:

Clinical Chickenpox outbreaks form Baghlan, Kabul, Parwan, Samangan and Wardak provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
16/10/2023	Baghlan	Puli khumeri	12 Road Shamarq	7	0	During this week, 06 Clinical Chickenpox outbreak were reported from Baghlan, Kabul, Parwan, Samangan and Wardak provinces and case management was done. Health education sessions were conducted for all the cases.
17/10/2023	Kabul	District 15	Khwaja Rawash	8	0	
21/10/2023		Paghman	Bara Arghandi	10	0	
15/10/2023	Parwan	Bagram	Laghmani	16	0	
17/10/2023	Samangan	Dar-E-Soufbala	Tangi Yaqob	16	0	
18/10/2023	Wardak	Said Abad	Aka Khail	12	0	

Clinical Scabies outbreaks from Parwan and Paktia provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
15/10/2023	Parwan	Charikar	Khalazaie Madrasa	21	0	During this week, 03 Clinical Scabies outbreaks were reported from Parwan and Paktia provinces, and case management was done, health education session were conducted for all the cases.
15/10/2023	Paktia	Sayed Karam	Cheno	22	0	
18/10/2023			Peer	17	0	

AWD with severe dehydration outbreak from Helmand province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
15/10/2023	Helmand	Nadali	Khoshal Kali	1	0	During this week, 02 AWD with severe dehydration outbreaks were reported from Helmand province, case management was done, health education sessions were conducted for all the cases.
15/10/2023		Lashkarga City	Bolan De Lewa Shata	1	0	

Anthrax outbreak from Kabul province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
17/10/2023	Kabul	Kalakan	Shewar Khail	1	0	During this week, 01 Anthrax outbreak was reported from Kabul province, and case management was done, health education session was conducted for all the cases.

Pink Eye outbreak from Kabul and Logar provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
16/10/2023	Kabul	Dis 4	Taimani	7	0	During this week, 01 Pink Eye outbreaks were reported from Kabul and Logar provinces, and case management was done, health education sessions were conducted for all the cases.
18/10/2023	Logar	Puli Alam	Kama Khil	21	0	

CCHF outbreak from Kabul province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
20/10/2023	Kabul	Dis 5	Company	2	0	During this week, CCHF outbreak was reported from Kabul province, and case management was done, health education session was conducted for all the cases.

Suspected Measles outbreak form Urozgan province

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
15/10/2023	Urozgan	Tarinkot	Sorkh morghab	12	0	During this week, 01 Suspected Measles outbreak was reported from Urozgan province and case management was done. Health education session was conducted for all the cases.

COVID-19 outbreak from Ghazni province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
17/10/2023	Ghazni	Center	Qali Kolokhak & Sharak Albironi	41	0	During this week, 01 COVID-19 outbreak was reported from Ghazni province, and case management was done, health education session was conducted for all the cases.

Pertussis outbreak from Kandahar province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
16/10/2023	Kandahar	Ghorak	Yakhtol Shah Kariz	44	0	During this week, 01 Pertussis outbreak was reported from Kandahar province, and case management was done, health education session was conducted for all the cases.

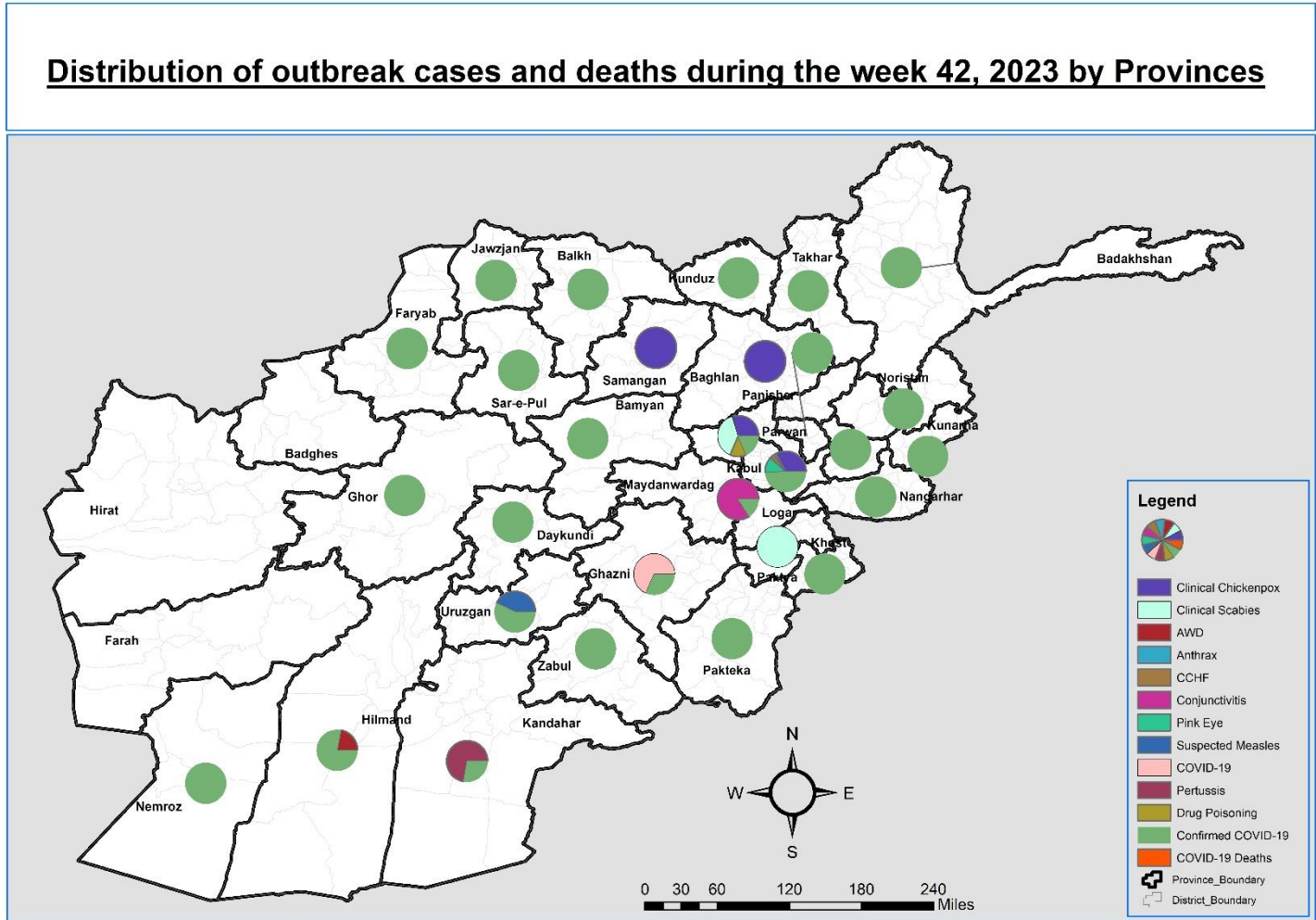
Drug Poisoning outbreak from Parwan province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
17/10/2023	Parwan	Charikar	Togh birdy	7	0	During this week, 01 Drug Poisoning outbreak was reported from Parwan 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 21 October 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	184	104	2257	11
Suspected Chickenpox	179	4	2630	0
Scabies	158	0	5796	0
Mumps	55	0	888	0
Dog bites/Suspected Rabies	61	0	453	1
Pertussis	55	0	905	1
Pneumonia	28	1	1135	24
Malaria	40	40	3076	0
Leishmaniasis	15	2	992	0
CCHF	24	24	149	13
Food poisoning	20	0	662	0
Anthrax	14	0	37	1
Unknown Poisoning	10	0	450	3
Typhoid Fever	3	1	105	3
Acute Bloody diarrhea	2	0	124	0
ARI	2	0	113	2
COVID 19	4	4	287	0
Acute watery Diarrhea (Dehydration)	51	48	271	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)	4	0	46	0
Grand Total	925	229	21044	66

Figure 4 Clinical Chickenpox, Clinical Scabies, AWD, Anthrax, CCHF, Pink Eye, Suspected Measles, COVID-19, Pertussis, Drug Poisoning and Covid-19 cases and deaths during the week 42nd 2023.



Laboratory surveillance:

A total of **4132** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **44** specimens were confirmed for Malaria, **15** specimens were confirmed for **Cholera**, **10** specimens were confirmed for **Measles**, **15** specimens were confirmed for Acute Viral Hepatitis, **21** specimens were confirmed for **Dengue Fever** and **01** specimens was confirmed for **SARI** (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 42th 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, 157(5.6%) Severe Acute Respiratory Infections cases were reported and 56% were under 5 years old. The proportion of SARI cases was slightly increased compared to week 41st 2023. Three SARI-associated deaths were reported this week. At the 08 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kapisa (22.9%), Bamyan (17.3%), and Baghlan (17.0%) provinces. During this epi-week, our field staff shipped 47 SARI and 32 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **2563** specimens were tested for suspected COVID-19. Out of which **257** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 10% this week, which decreased 0.9 % compared to the previous week.
- Out of **257 confirmed** cases, **823** contacts out of **186** 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 **56,482** passengers have been screened for COVID-19 at the points of entry in four provinces (Balkh, Herat, Kandahar and Nangarhar).

Challenges:

- Measles cases are still a public health concern in the country. This week, **276 (IBS+EBS)** Measles cases were reported to the surveillance system.
- 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.
- ARI cough and cold cases are on the increasing (0.8%).
- Pneumonia cases are on the increasing (0.3 %)
- CCHF preventive and control measures should be strengthened.
- COVID-19 preventive and control measures should be strengthened.
- Public awareness regarding ARI 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 **276 (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.