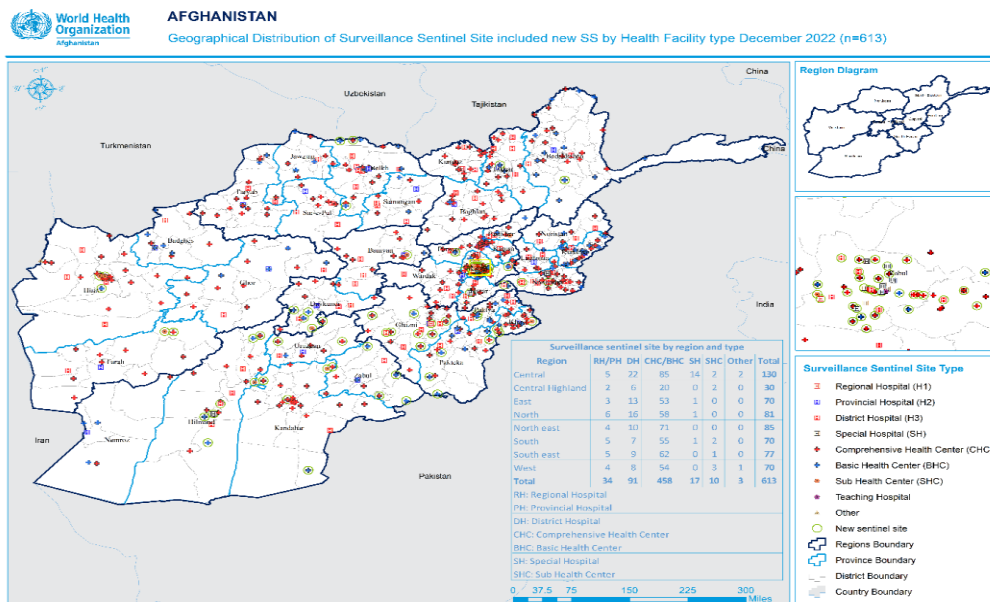


Summary:

- Out of 613 functional Surveillance sentinel sites, 611 (99.7%) have submitted reports this week.
- A total of 669,528 new consultations, of which 246,418 (36.8%) were due to Surveillance targeted diseases. That included 129,689 (52.6%) males and 116,729 (47.4%) females. Also, 128,740 (52.2%) under five years old and 117,678 (47.8%) five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (130,556 = 19.5% cases out of total new consultations), Acute Diarrheal Diseases (88,482 =13.2% cases out of total new consultations), and Pneumonia (18,210= 2.7% cases out of total new consultations).
- A total of 287 deaths were reported this week, of which 60 (21%) were due to surveillance-targeted diseases, which include 37 pneumonia deaths, 06 Suspected Meningitis/ Severely ill Child deaths, 09 Acute watery Diarrhea (AWD) deaths, 04 Suspected Acute Viral Hepatitis deaths, 02 Suspected Hemorrhagic Fever deaths and 02 COVID-19 deaths.
- In addition, during this week, 15 outbreaks were reported: 03 suspected Scabies outbreaks were reported from Paktika, Takhar and Urozgan provinces, 02 clinical Chickenpox outbreaks were reported from Baghlan and Wardak provinces, 02 AWD outbreaks were reported from Kabul and Kandahar provinces, 01 Food Poisoning outbreak was reported from Kunar province, 01 confirmed Malaria outbreak was reported from Kabul province, 01 suspected Measles outbreak was reported from Wardak province, 01 Mumps outbreak was reported from Panjshir province, 01 Pertussis outbreak was reported from Urozgan province, 01 Dog bite/ suspected Rabies outbreak was reported from Kapisa province, 01 Anthrax outbreak was reported from Paktika province and 01 Impetigo outbreak was reported from Samangan province .
- Moreover, 197 COVID-19 confirmed cases and 322 suspected Measles cases were reported at the national level.

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



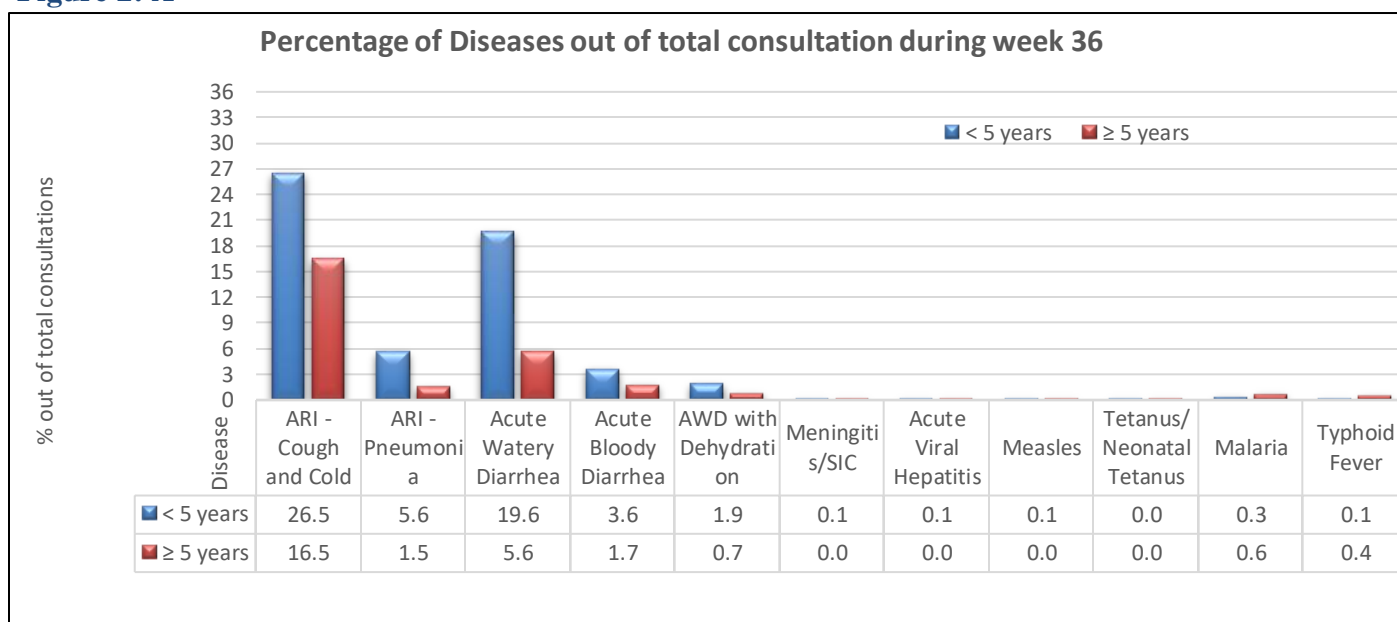
**Table 1: Coverage of NDSR Surveillance System**

Type of Health Facility	RH	PH	DH	CHC	BHC	NH/ Special Hospital	SHC	Other	Total
<b>Total Health Facilities (HF)</b>	8	27	91	437	900	36	1,106	2,093	4,698
<b>HF covered by NDSR-Plus</b>	8	26	90	348	111	17	10	3	613

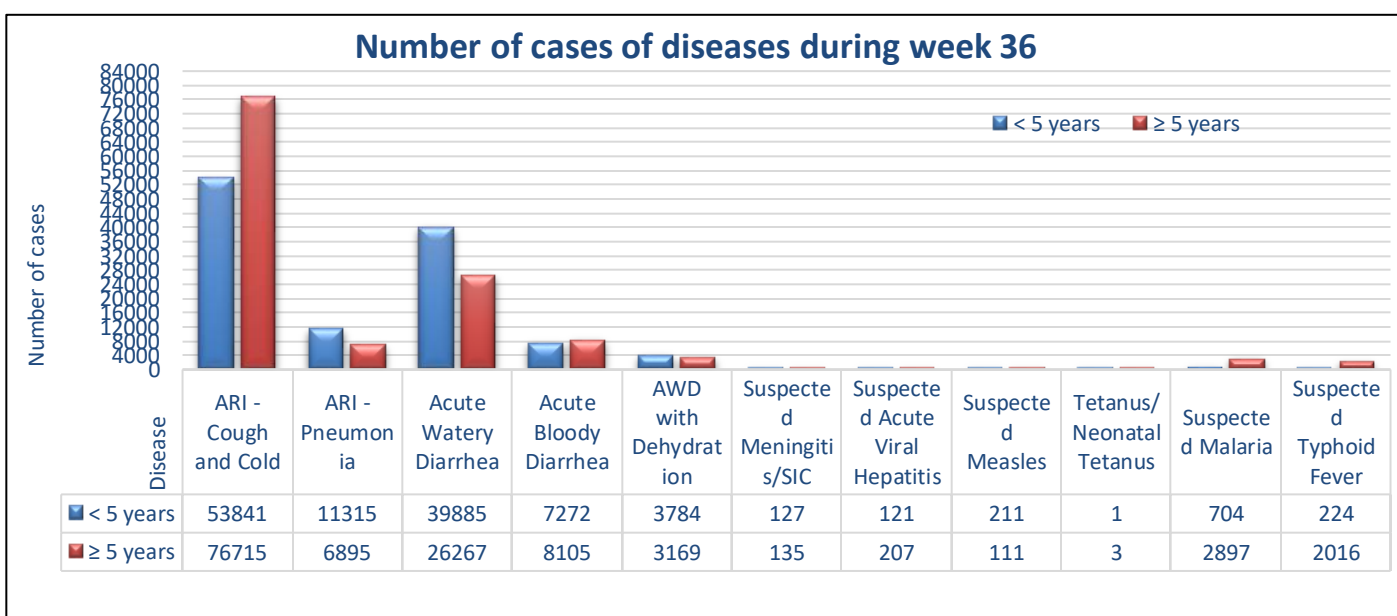
**Indicator - based Surveillance (IBS):**

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

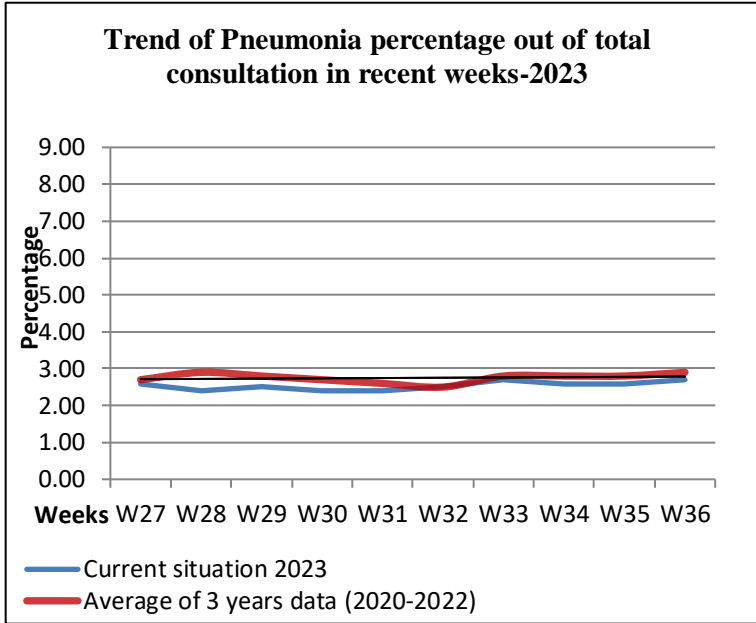


Figure 3: B

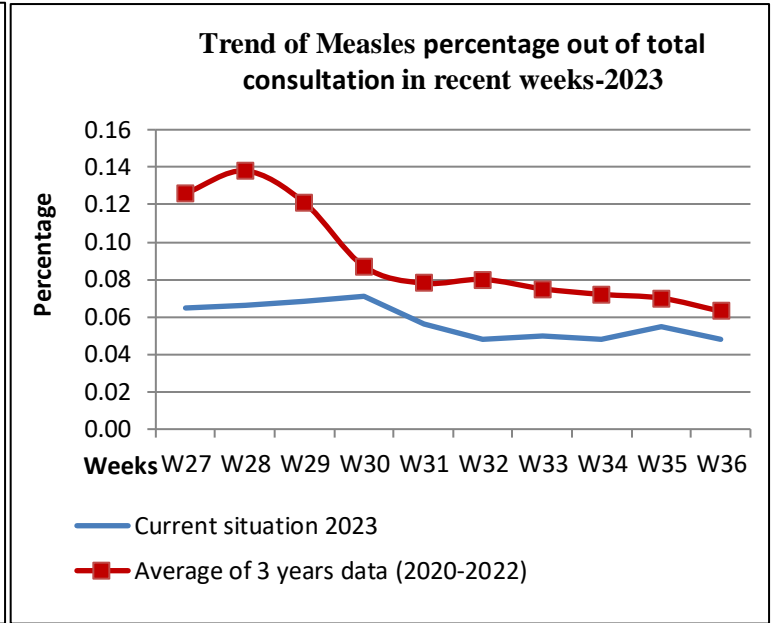


Figure 3: C

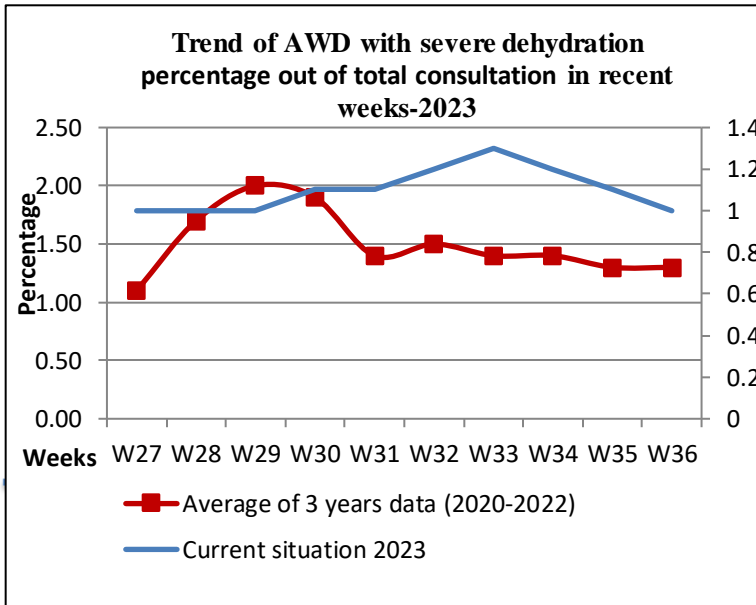
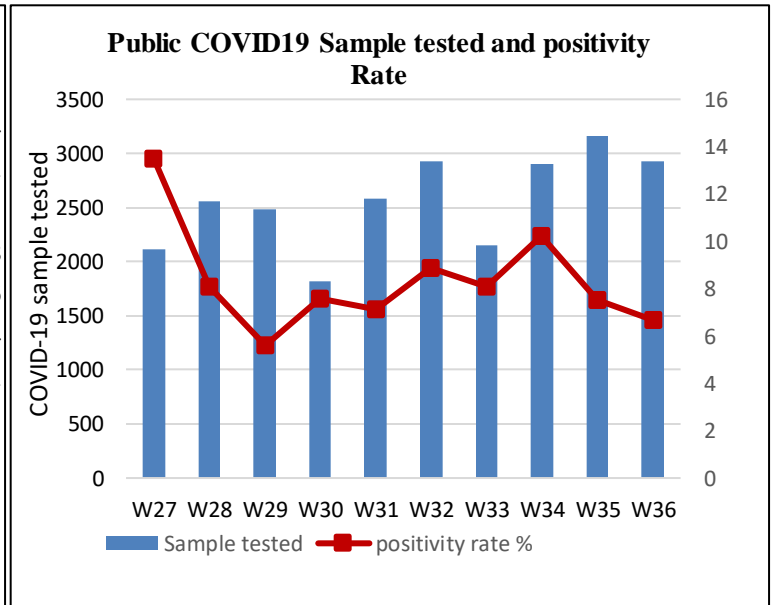


Figure 3: D



**Table 3: Outbreaks in week 36<sup>th</sup> 2023:**

Suspected Scabies outbreaks from Paktika, Takhar and Urozgan provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
06/09/2023	Paktika	Sharan	Bibi Khadija School	27	0	During this week, 03 Suspected Scabies outbreaks were reported from Paktika, Takhar and Urozgan provinces, and case management was done, health education sessions were conducted for all the cases.
06/09/2023	Takhar	Taluqan	Aiem Abad	32	0	
03/09/2023	Urozgan	Tarinkot	Nahai-4	8	0	

Clinical Chickenpox outbreaks form Baghlan and Wardak provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
04/09/2023	Baghlan	Pulikhumri	Dosad Koti	8	0	During this week, 02 Clinical Chickenpox outbreaks were reported from Baghlan and Wardak provinces, and case management was done. Health education sessions were conducted for all the cases.
05/09/2023	Wardak	Salar	Mohabat Khail	18	0	

AWD outbreaks form Kabul and Kandahar provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
05/08/2023	Kabul	District 4	Taimani	1	0	During this week, 02 AWD outbreaks were reported from Kabul and Kandahar provinces and case management was done. Health education sessions were conducted for all the cases.
06/09/2023	Kandahar	Kandahar	Nahia 2 Kariz Bazar	3	0	

Suspected Measles outbreak from Wardak province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
04/09/2023	Wardak	Chak	Sebak	9	0	During this week, 1 Suspected Measles outbreak was reported from Wardak province, and case management was done, health education session was conducted for all the cases.

Food Poisoning outbreak from Kunar province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
03/09/2023	Kunar	Asadabad center	Andarseer	9	0	During this week, 01 Food Poisoning outbreak was reported from Kunar province, and case management was done, health education sessions was conducted for all the cases.

Anthrax outbreak from Paktika province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
05/09/2023	Paktika	Urgoon	Wazi Khwa	1	0	During this week, 01 Anthrax outbreak was reported from Paktika province, and case management was done, health education session was conducted for all the cases.

Clinical Pertussis outbreak from Urozgan province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
06/09/2023	Urozgan	Tarinkot	Charmistan	12	0	During this week, 01 Clinical Pertussis outbreaks was reported from Urozgan province, and case management was done, health education session was conducted for all the cases.

Confirmed Malaria outbreak form Kabul province						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
03/09/2023	Kabul	Surobi	Surobi	110	0	During this week, 01 Confirmed Malaria outbreak was reported from Kabul province, and case management was done, health education session was conducted for all the cases.

Mumps outbreak from Panjshir province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
05/09/2023	Panjshir	Dara	Tambana	11	0	During this week, 01 Mumps outbreak was reported from Panjshir province, and case management was done, health education session was conducted for all the cases.

Dog bite / suspected Rabies outbreak from Kapisa province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
02/09/2023	Kapisa	Nijrab	Yasenzai	8	0	During this week, 01 Dog bite/suspected Rabies outbreak was reported from Kapisa province, and case management was done, health education session was conducted for all the cases.

Impetigo outbreak from Samangan province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
02/09/2023	Samangan	Aybak	Orphanage	21	0	During this week, 01 Impetigo outbreak was reported from Samangan province, and case management was done, health education session was conducted for all the cases.

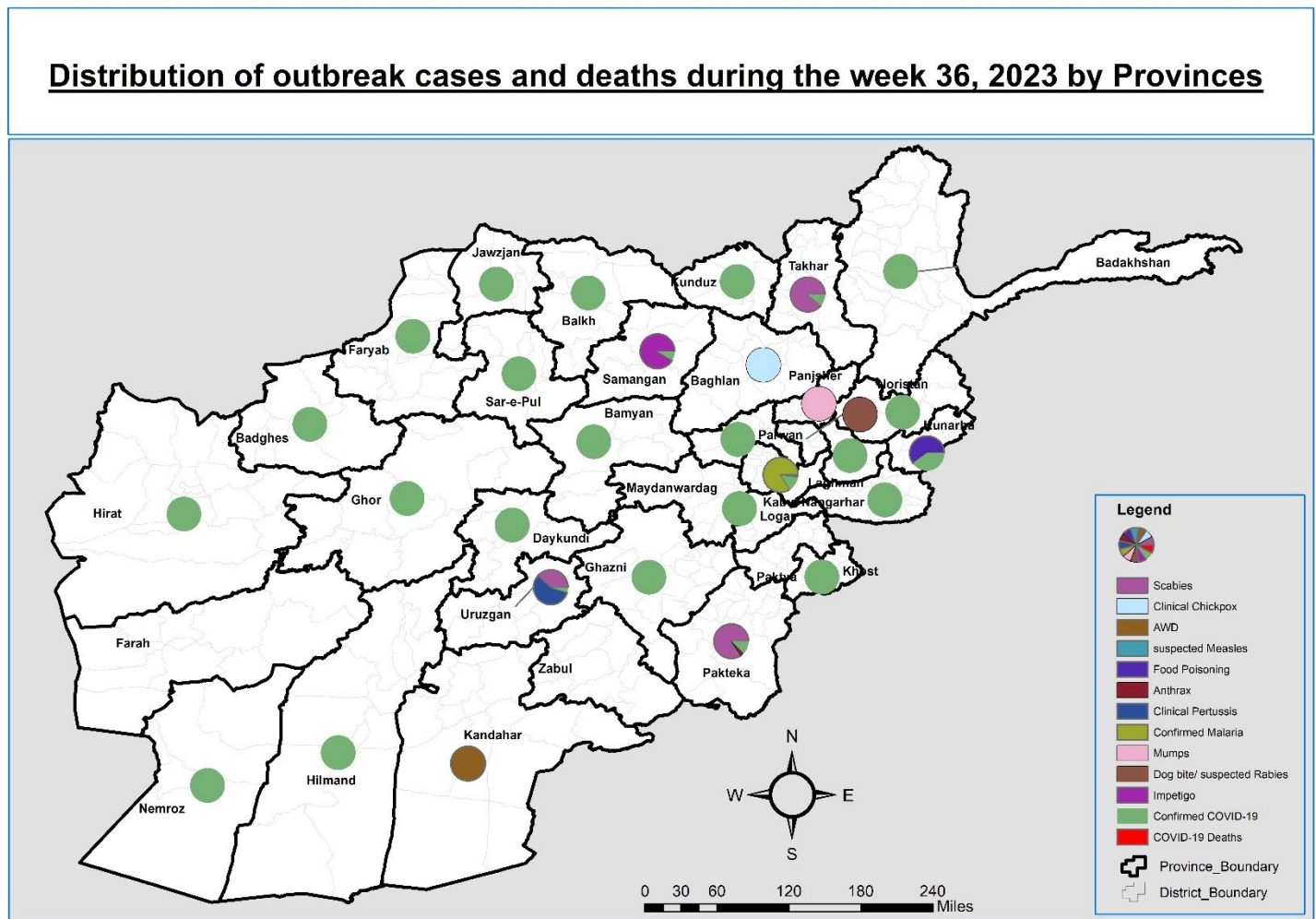
**Table 4: Updated outbreaks report during 2023 (01 Jan 2023 to 09 September 2023)**

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	176	104	2171	11
Suspected Chickenpox	161	4	2363	0
Scabies	137	0	5464	0
Mumps	51	0	812	0
Dog bites/Suspected Rabies	53	0	416	0
Pertussis	48	0	806	1
Pneumonia	28	1	1135	24
Malaria	28	28	2305	0
Leishmaniasis	13	2	944	0
CCHF	21	21	143	13
Food poisoning	18	0	650	0
Anthrax	10	0	32	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)	23	22	181	0
Tinea Capitis	2	0	21	0
Skin diseases	3	0	571	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
<b>Grand Total</b>	<b>792</b>	<b>184</b>	<b>18813</b>	<b>58</b>

**Figure 4:** Scabies, Clinical Chickenpox, AWD, suspected Measles, Food Poisoning, Anthrax, clinical Pertussis, confirmed Malaria, Mumps, Dog bite / suspected Rabies, Impetigo and Covid-19 cases and deaths during the week 36<sup>th</sup> 2023.



### Laboratory surveillance:

A total of **4460** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **82** specimens were confirmed for Malaria, **15** specimens were confirmed for **Cholera**, **03** specimens were confirmed for **Measles**, **12** specimens were confirmed for Acute Viral Hepatitis, **07** specimens were confirmed for **Dengue Fever** and **07** specimens were confirmed for **CCHF** (Follow-up by the CPHL is going on).

### Influenza Surveillance activities:

In Epidemiological week 36<sup>th</sup> 2023, we have received reports from 09 out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa and Paktya). Out of all new hospital admissions, 134 (4.3%) Severe Acute Respiratory Infections cases were reported and 58% were under 5 years old. The proportion of SARI cases was slightly increased compared to week 35<sup>th</sup> 2023. 01 SARI-associated death was reported this week.

At the 09 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Baghlan (24.0%), Kabul (18%), and Bamyan (12.6%) 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, **2933** specimens were tested for suspected COVID-19. Out of which **197** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 6.7% this week, which decreased 0.8 % compared to the previous week.
- Out of **197 confirmed** cases, **672** contacts out of **150** 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 **331 (IBS+EBS)** Measles cases were reported to the surveillance system.
- ARI cough and cold cases are on the increasing (0.9%) trend compared to the last week
- ARI pneumonia cases are on the increasing (0.1%) trend compared to the last week.
- AWD cases are on the decreasing (0.6%) 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 **331 (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.