

Summary:

- Out of **613** functional Surveillance sentinel sites, **609(99.3%)** have submitted reports this week.
 - A total of **656,521** new consultations, of which **251,342 (38.3%)** were due to Surveillance targeted diseases. That included **133,244 (53%) males** and **118,098 (47%) females**. Also, **115,686 (46.1%)** people under five years old and **135,474 (53.9%)** five years old and over were reported this week.
 - The main causes of consultations this week were ARI Cough & Cold (**160,881 = 24.5%** cases out of total new consultations), Acute Diarrheal Diseases (**57,035 = 8.7%**) cases out of total new consultations, and Pneumonia (**26,204= 4%** cases out of total new consultations).
 - A total of **275** deaths were reported this week, of which **63 (23%)** were due to surveillance-targeted diseases, which include **45 ARI Pneumonia** deaths, **06 Acute Watery Diarrhea with Dehydration** deaths, **02 Suspected acute viral hepatitis** deaths, **07 Suspected Meningitis/ Severely ill Child** deaths, **02 Suspected Hemorrhagic Fever** deaths and **01 COVID-19** death.
 - In addition, during this week, **20** outbreaks were reported: **07 Clinical Scabies** outbreaks were reported from Kandahar, Kapisa, Nangarhar, Paktika and Paktya provinces, **04 Chickenpox** outbreaks were reported from Kabul, Helmand, Nangarhar and Nimroz provinces, **03 Dog bite/suspected Rabies** outbreaks were reported from Balkh, Helmand and Urozgan provinces, **01 AWD with Dehydration** outbreak was reported from Urozgan province, **01 Food Poisoning** outbreak was reported from Nimroz province, **01 Malaria** outbreak was reported from Kandahar province, **01 Leishmaniosis** outbreak was reported from Faryab province, **01 Pertussis** outbreak was reported from Kandahar and **01 Viral Hepatitis** outbreak was reported from Parwan province.
- Moreover, **386** COVID-19 confirmed cases and **276** suspected Measles cases were reported at the national level.

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

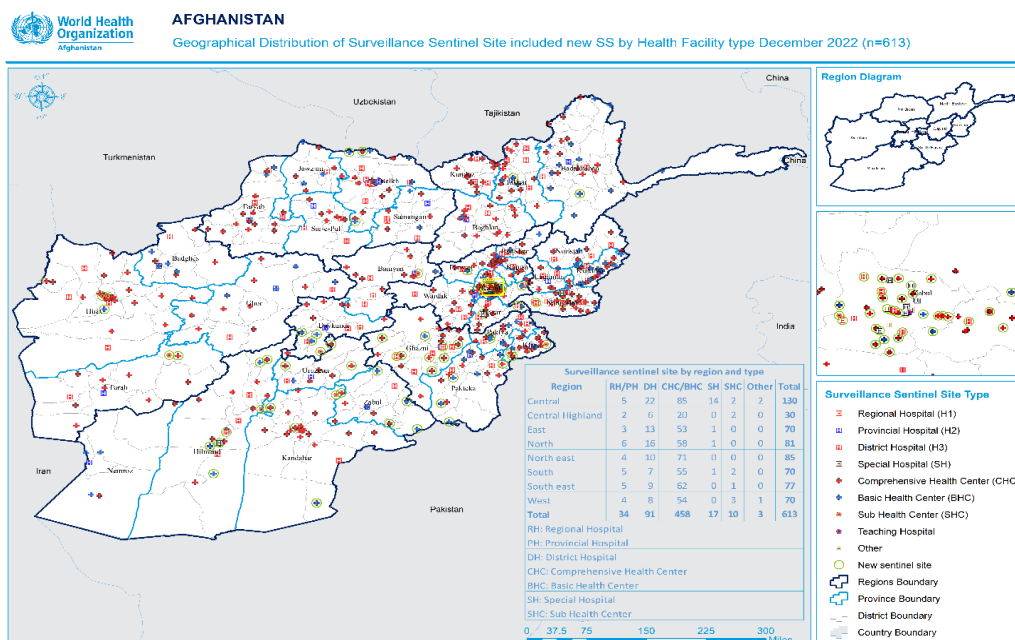


Table 1: Coverage of NDSR Surveillance System

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

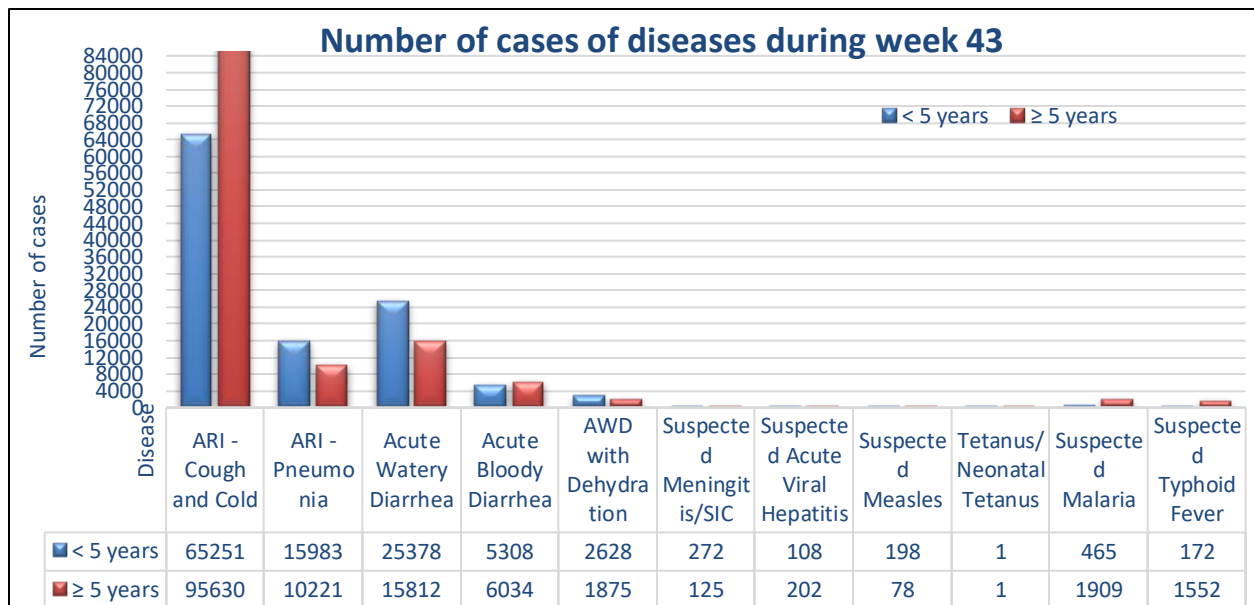
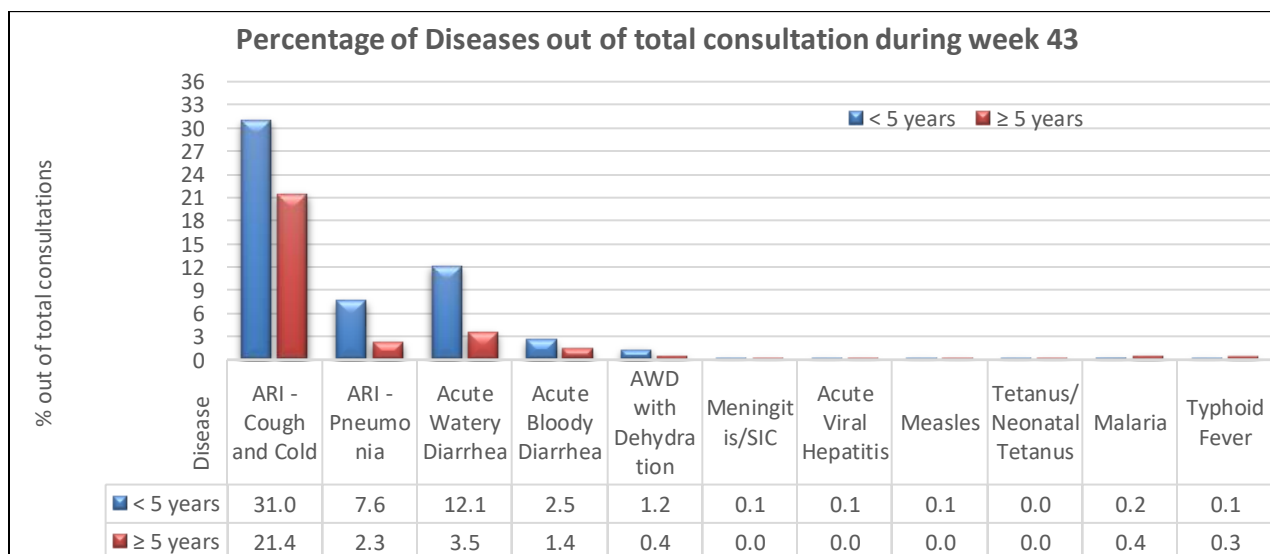


Figure 2: B



Seasonal Diseases:

Figure 3: A

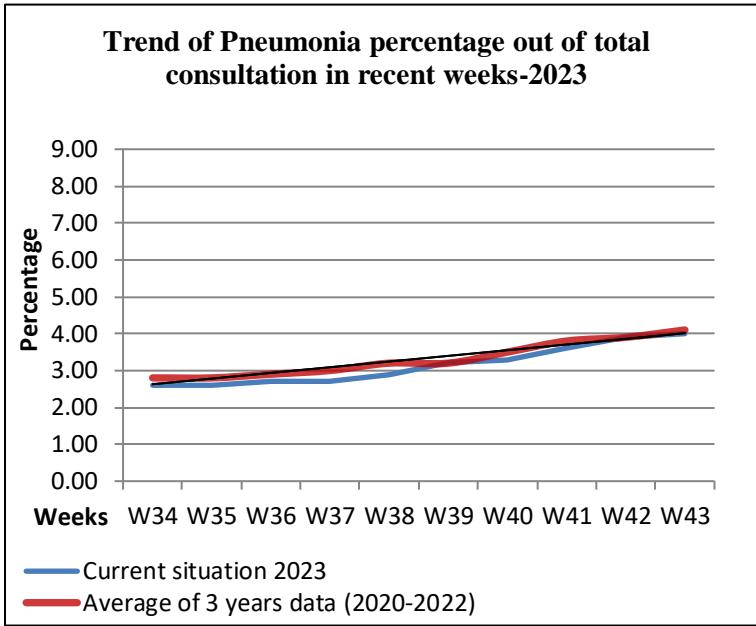


Figure 3: B

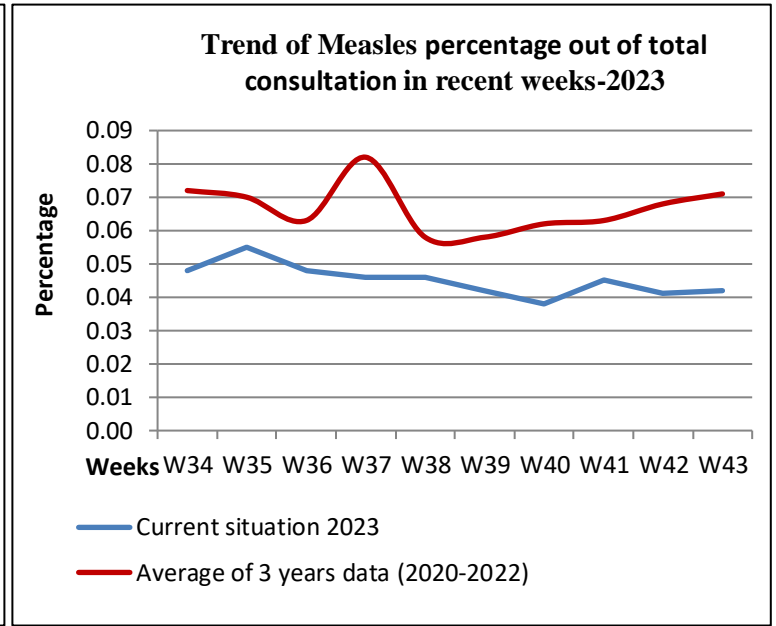


Figure 3: C

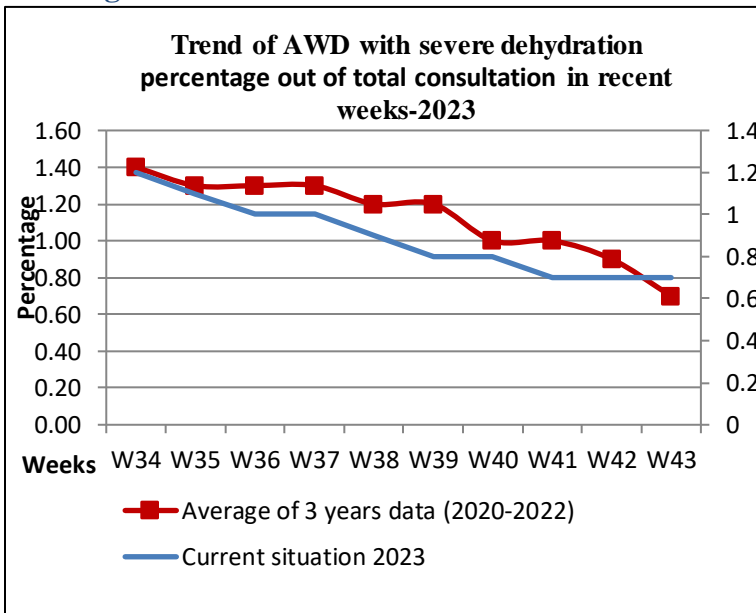


Figure 3: D

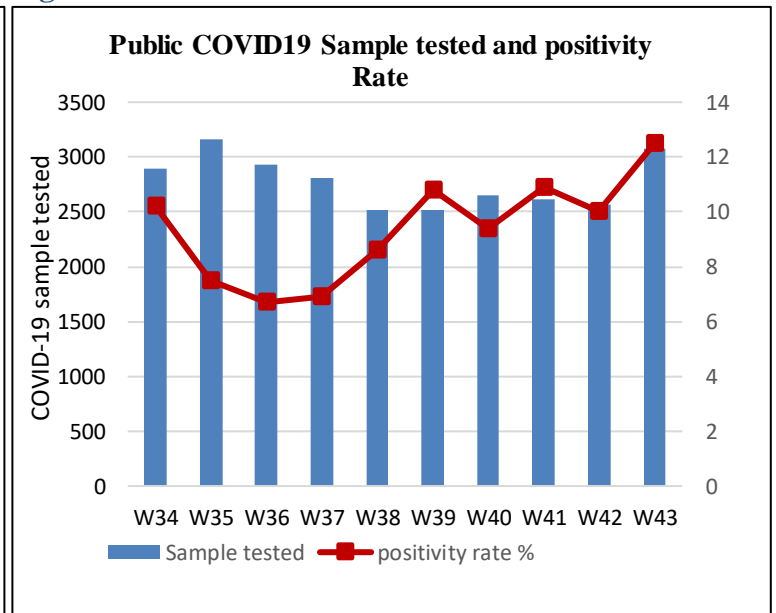


Table 3: Outbreaks in Week 43rd 2023:

Clinical Scabies outbreaks from Kandahar, Kapisa, Nangarhar, Paktika and Paktya provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
25/10/2023	Kandahar	Kandahar City	Sarfoza Prison	172	0	During this week, 07 Clinical Scabies outbreaks were reported from Kandahar, Kapisa, Nangarhar, Paktika and Paktya
22/10/2023	Kapisa	Center	Saiad	13	0	

23/10/2023		Kohistan-2	Aftabchi	6	0	provinces, and case management was done, health education session were conducted for all the cases.
22/10/2023	Nangarhar	Behsood	11th Canal	25	0	
23/10/2023	Paktika	Sharan	Kari Khel	10	0	
23/10/2023		Zurmat	Jank Khil	21	0	
25/10/2023	Paktya	Ahmad Aba	Darul Hefaz Madrasa	37	0	

Clinical Chickenpox outbreaks form Kabul, Helmand, Nangarhar and Nimroz provinces

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
22/10/2023	Kabul	District 15	Khwaja Bughra	6	0	During this week, 04 Clinical Chickenpox outbreaks were reported from Kabul, Helmand, Nangarhar and Nimroz provinces and case management was done. Health education sessions were conducted for all the cases.
25/10/2023	Helmand	Lashkarga City	Moh Nabi Kali	11	0	
22/10/2023	Nangarhar	Behsood	Hada Akhundzada	13	0	
25/10/2023	Nimroz	Zarang	Shahrak Gulistan	8	0	

Dog bite/suspected Rabies outbreak form Balkh, Helmand and Urozgan province

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
22/10/2023	Balkh	Dedadi	Naw Abad Yaka Tot	14	0	During this week, 03 Dog bite/suspected Rabies outbreaks were reported from Balkh, Helmand and Urozgan provinces and case management was done. Health education sessions were conducted for all the cases.
27/10/2023	Helmand	Marjah	Block C	5	0	
25/10/2023	Urozgan	Tarinkot	Salihzai	4	0	

AWD with severe dehydration outbreak from Urozgan province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
27/10/2023	Urozgan	Trainkot	Sorkhmorghab	1	0	During this week, 01 AWD with severe dehydration outbreak was reported from Urozgan province, case management was done, health education session was conducted for all the cases.

Food Poisoning outbreak from Nimroz province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
24/10/2023	Nimroz	Kang	Abdul Baqi	8	0	During this week, 01 Food Poisoning outbreak was reported from Nimroz province, and case management was done, health education session was conducted for all the cases.

Malaria outbreak from Kandahar province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
25/10/2023	Kandahar	Maiwand	Soor Asooda and Assoda	63	0	During this week, 01 Malaria outbreak was reported from Kandahar province, and case management was done, health education session was conducted for all the cases.

Leishmaniosis outbreak from Faryab province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
24/10/2023	Faryab	Khwaja Mussa	Ming Darakht	34	0	During this week, Leishmaniosis outbreak was reported from Faryab 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
22/10/2023	Kandahar	Zhari	Hoze Madad	30	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.

Viral Hepatitis outbreak from Parwan province

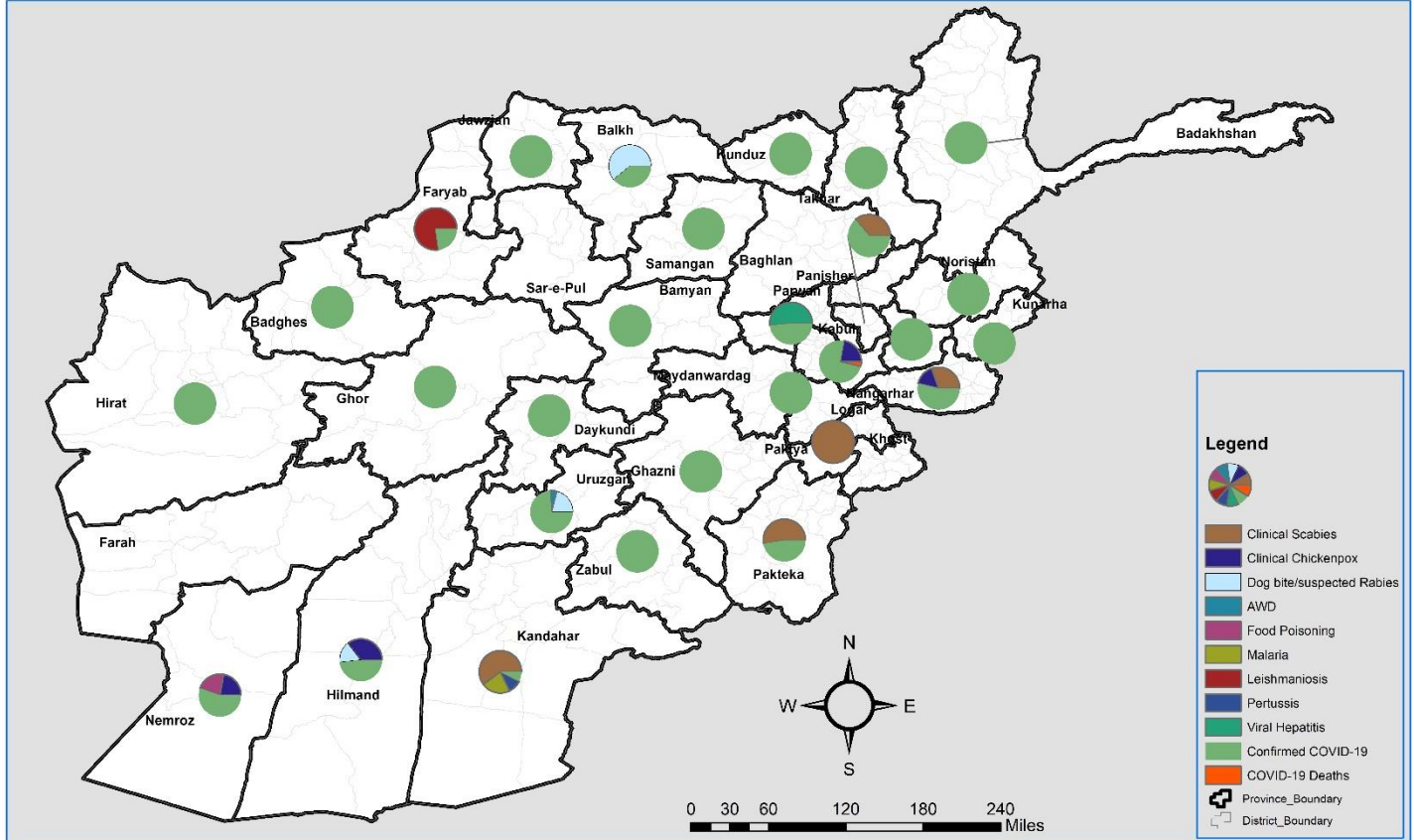
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
22/10/2023	Parwan	Surkhe Parsa	Wand	17	0	During this week, 01 Viral Hepatitis outbreak was reported from Parwan province, and case management was done, health education session was conducted for all the cases.

Table 4: Updated outbreaks report during 2023 (01 Jan 2023 to 28 October 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	184	104	2257	11
Suspected Chickenpox	183	4	2668	0
Scabies	165	0	6080	0
Mumps	55	0	888	0
Dog bites/Suspected Rabies	64	0	476	1
Pertussis	56	0	935	1
Pneumonia	28	1	1135	24
Malaria	41	41	3139	0
Leishmaniasis	16	2	1026	0
CCHF	24	24	149	13
Food poisoning	21	0	670	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)	52	49	272	1
Tinea Capitis	2	0	21	0
Skin diseases	3	0	571	0
Tetanus	1	0	3	0
Acute Viral Hepatitis	3	1	34	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	945	231	21542	66

Figure 4 Clinical Scabies, Clinical Chickenpox, Dog bite/suspected Rabies, AWD, Food Poisoning, Malaria, Leishmaniasis, Pertussis, Viral Hepatitis, COVID-19 Cases, and deaths during the week 43rd 2023.

Distribution of outbreak cases and deaths during the week 43, 2023 by Provinces



Laboratory surveillance:

A total of **4550** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **59** specimens were confirmed for Malaria, **12** specimens were confirmed for **Cholera**, **17** specimens were confirmed for **Measles**, **08** specimens were confirmed for Acute Viral Hepatitis and **30** specimens were confirmed for **Dengue Fever** (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 43rd 2023, we have received reports from 09 out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamiyan, Baghlan, Nangarhar, Kapisa and Paktia). Out of all new hospital admissions, 129 (3.8%) 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 42nd 2023. Seven SARI-associated deaths were reported this week. At the 09 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kapisa (18.2%), Baghlan (17.0%), and Kabul (9.0%) provinces. During this Epi-week, our field staff shipped 53 SARI and 36 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **3082** specimens were tested for suspected COVID-19. Out of which **386** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 12.5% this week, which increased 2.5% compared to the previous week.
- Out of **386 confirmed** cases, **850** contacts out of **254** 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 **65,894** 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.
- ARI cough and cold cases are on the same trend.
- Pneumonia cases are on the increasing (0.1 %).
- Diarrheal diseases are on the decreasing (0.7 %).
- 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.