

Summary:

- Out of 613 functional Surveillance sentinel sites, 605(98.7%) have submitted reports this week.
- A total of 664,585 new consultations, of which 266,193 (40.1%) were due to Surveillance targeted diseases. That included 140,608 (52.8%) males and 125,585 (47.2%) females. Also, 122,880 (46.2%) people under five years old and 143,313 (53.8%) five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (176,241 = 26.5% cases out of total new consultations), Acute Diarrheal Diseases (53,627 = 8.1%) cases out of total new consultations, and Pneumonia (29,966= 4.5% cases out of total new consultations).
- A total of 321 deaths were reported this week, of which 81 (25.3%) were due to surveillance-targeted diseases, which include 57 ARI Pneumonia deaths, 13 Suspected Meningitis/ Severely ill Child deaths, 04 COVID-19 deaths, 04 Suspected acute viral hepatitis deaths, 02 Acute Watery Diarrhea with Dehydration deaths and 01 Tetanus death.
- In addition, during this week, 24 outbreaks were reported: 07 Clinical Scabies outbreaks were reported from, Helmand, Kabul, Kapisa, Nangahar and Wardak provinces, 06 Dog bites/ Suspected Rabies outbreaks were reported form Helmand, Kabul, Kandahar, Paktika, Takhar and Wardak Provinces, 05 Measles outbreaks were reported from Bamyan, Kandahar, Paktya and Urozgan provinces, 04 Chickenpox outbreaks were reported from Bamyan, Herat, Kabul and Kapisa provinces, 01 Clinical Leishmaniasis outbreak was reported form Kunduz province, and 01 Suspected Botulism outbreak was reported from Badghis province.

Moreover, 321 COVID-19 confirmed cases and 277 suspected Measles cases were reported at the national level.

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

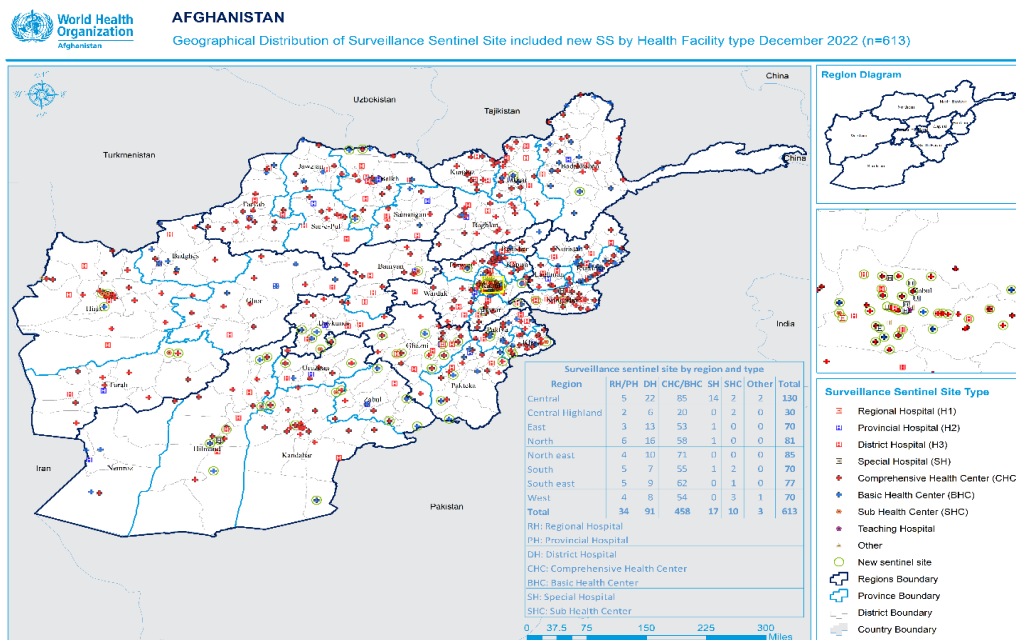


Table 1: Coverage of NDSR Surveillance System

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

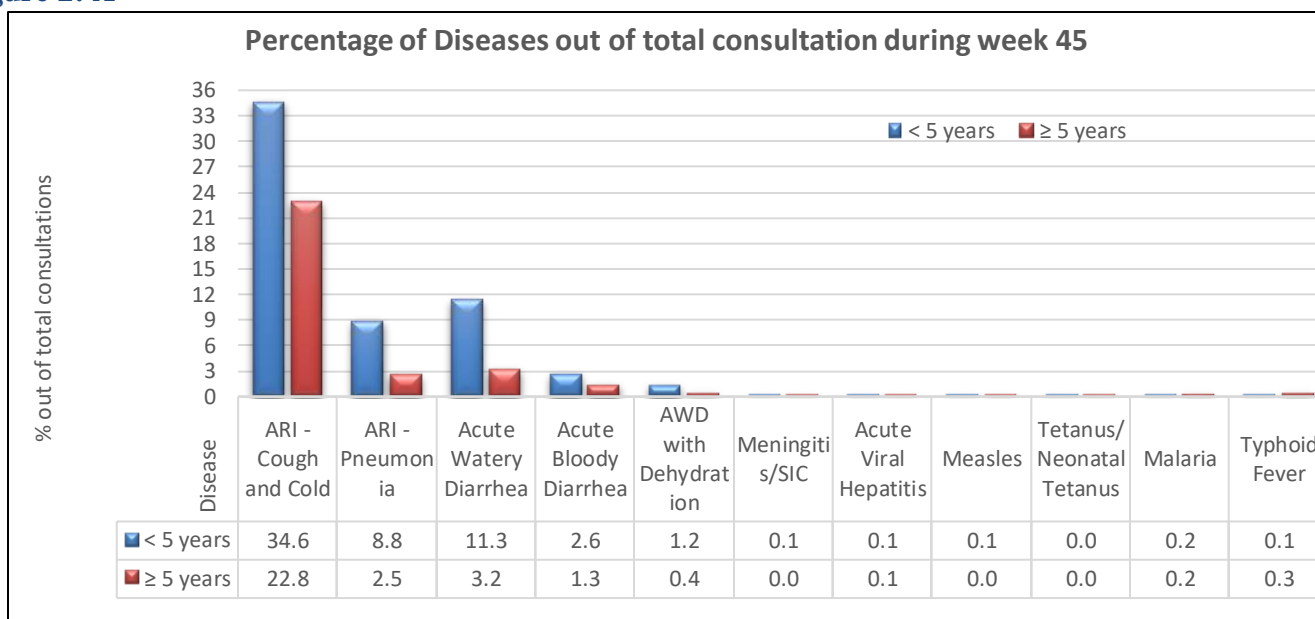
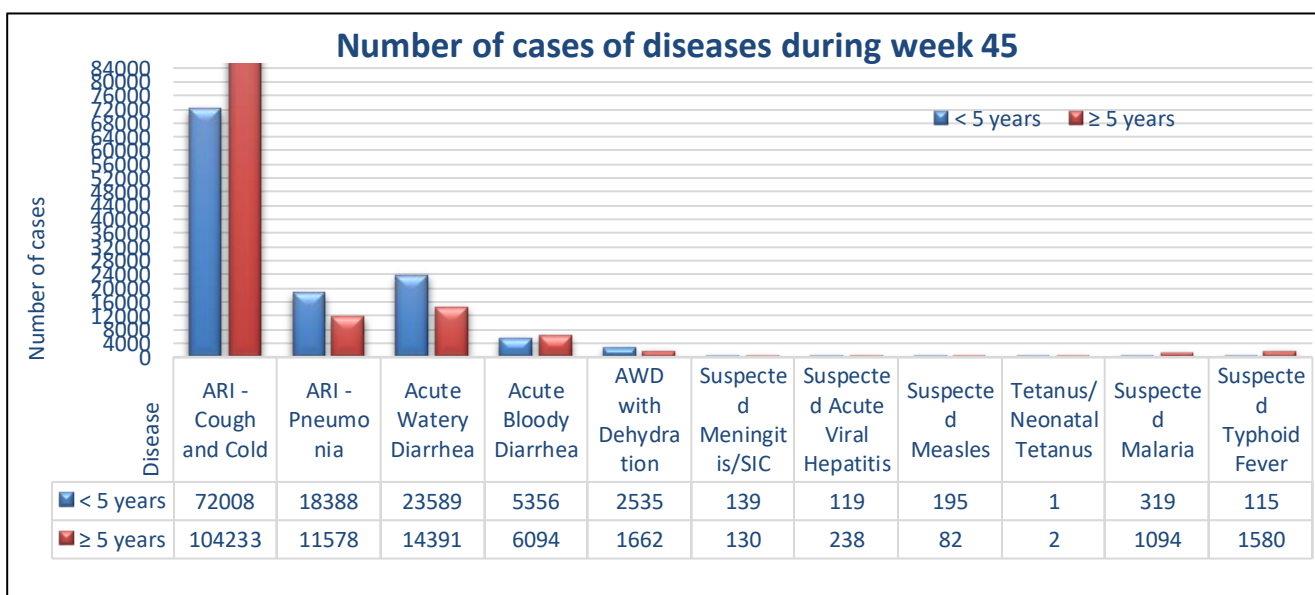


Figure 2: B



Seasonal Diseases:

Figure 3: A

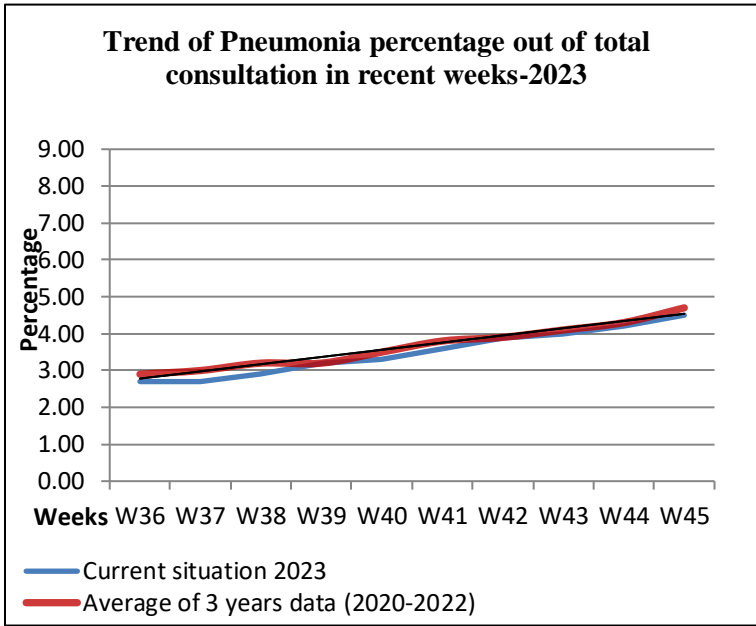


Figure 3: B

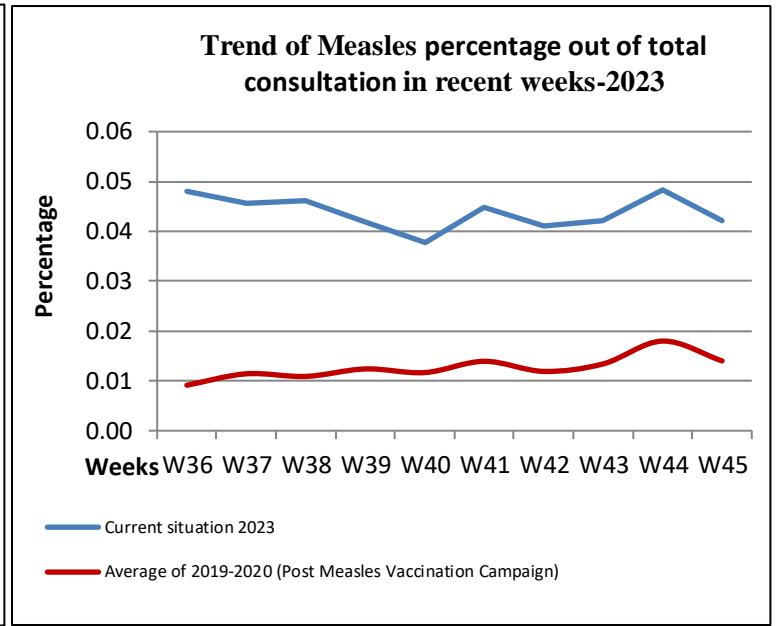


Figure 3: C

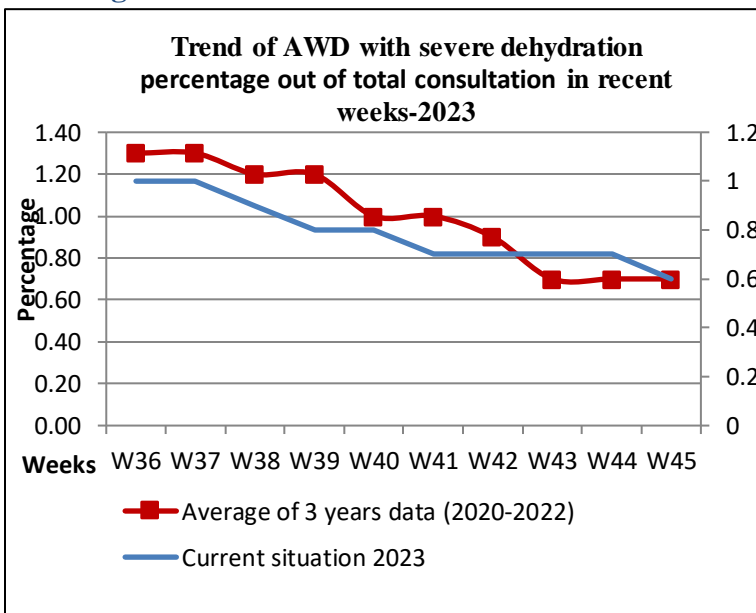


Figure 3: D

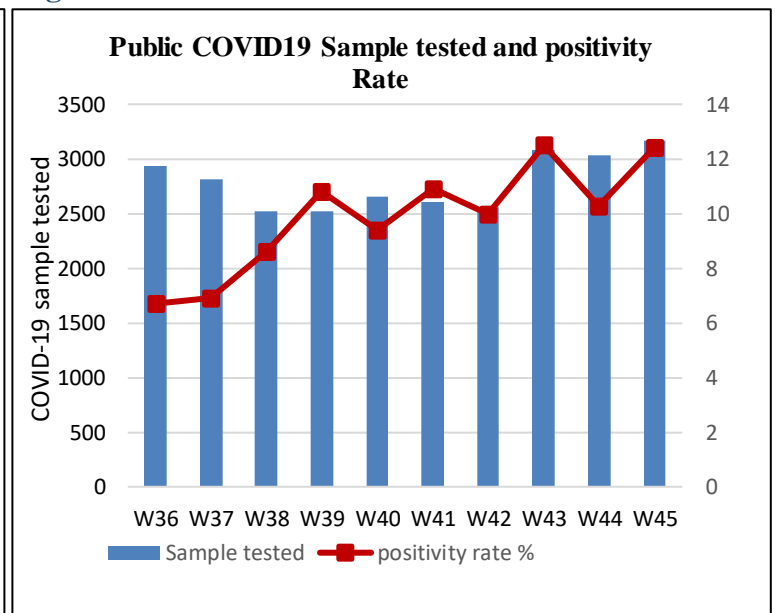


Table 3: Outbreaks in Week 45th 2023:

Clinical Scabies outbreaks from Helmand, Kabul, Kapisa, Nangarhar and Wardak provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
08/11/2023	Helmand	Lashkarga City	Central Prison	144	0	During this week, 07 Clinical Scabies outbreaks were reported from Helmand, Kabul, Kapisa, Nangarhar and Wardak provinces, and case management was done, health education sessions were conducted for all the cases.
06/11/2023	Kabul	Bagrami	Qamari	17	0	
07/11/2023		District 8	Qalacha	6	0	
07/11/2023		District 10	Char Qala E Wazir Abad	6	0	
08/11/2023	Kapisa	Center	Qazi Khail	8	0	
09/11/2023	Nangarhar	Behsood	Hada Akhundzada	45	0	
07/11/2023	Wardak	Center	Qol Village, Center Of Wardak	26	0	

Dog bite/suspected Rabies outbreaks from Helmand, Kabul, Kandahar, Paktika, Takhar and Wardak province						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
07/11/2023	Helmand	Lashkarga City	Low Hadira Zor Kali	7	0	During this week, 06 Dog bite/suspected Rabies outbreaks were reported from Helmand, Kabul, Kandahar, Paktika, Takhar and Wardak provinces and case management was done. Health education sessions were conducted for all the cases.
09/11/2023	Kabul	Deh Sabz	Khwaja Chesht	6	0	
09/11/2023	Kandahar	Kandahar City	Norrani Mina	10	0	
05/11/2023	Paktika	Sahrawza	Different Village	9	0	
11/11/2023	Takhar	Rustaq	Jaraes	5	0	
05/11/2023	Wardak	Center	Central Areas of Maidan Shahr	31	0	

Measles outbreaks from Bamyan, Kandahar, Paktya and Urozgan province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
05/11/2023	Bamyan	Yakawlang	Sia Bomak, Nawjow, Zaryab, Dahe	26	0	During this week, 05 Measles outbreaks were reported from Bamyan, Kandahar, Paktya and

			Bala, Dahe Naw.			Urozgan provinces, and case management was done, health education sessions were conducted for all the cases.
09/11/2023	Kandahar	Takhta-Pol	Kasi Kakozei	5	0	
09/11/2023		Shah-Wali Kot	Dagari And Ghabrgi	16	0	
05/11/2023	Paktya	Gardez	Tandan	6	0	
08/11/2023	Urozgan	Tarin Kot	Sorkhmorghab	10	0	

Clinical Chickenpox outbreaks from Bamyan, Herat, Kabul and Kapisa provinces

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
08/11/2023	Bamyan	Shebar	Belandqul,	16	0	During this week, 04 Clinical Chickenpox outbreaks were reported from Bamyan, Herat, Kabul and Kapisa provinces and case management were done. Health education sessions were conducted for all the cases.
06/11/2023	Herat	Karukh	Laghmanak Khajeh Charshanbeh	13	0	
05/11/2023	Kabul	District 1	Shor Bazar	6	0	
11/11/2023	Kapisa	Center	Wali Khail	6	0	

Clinical Cutaneous Leishmaniasis outbreak from Kunduz province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
06/11/2023	Kunduz	Ali Abad	Mir Sheekh and Bajawry	47	0	During this week, 01 Clinical Cutaneous Leishmaniasis outbreak was reported from Kunduz province, case management was done, health education session was conducted for all the cases.

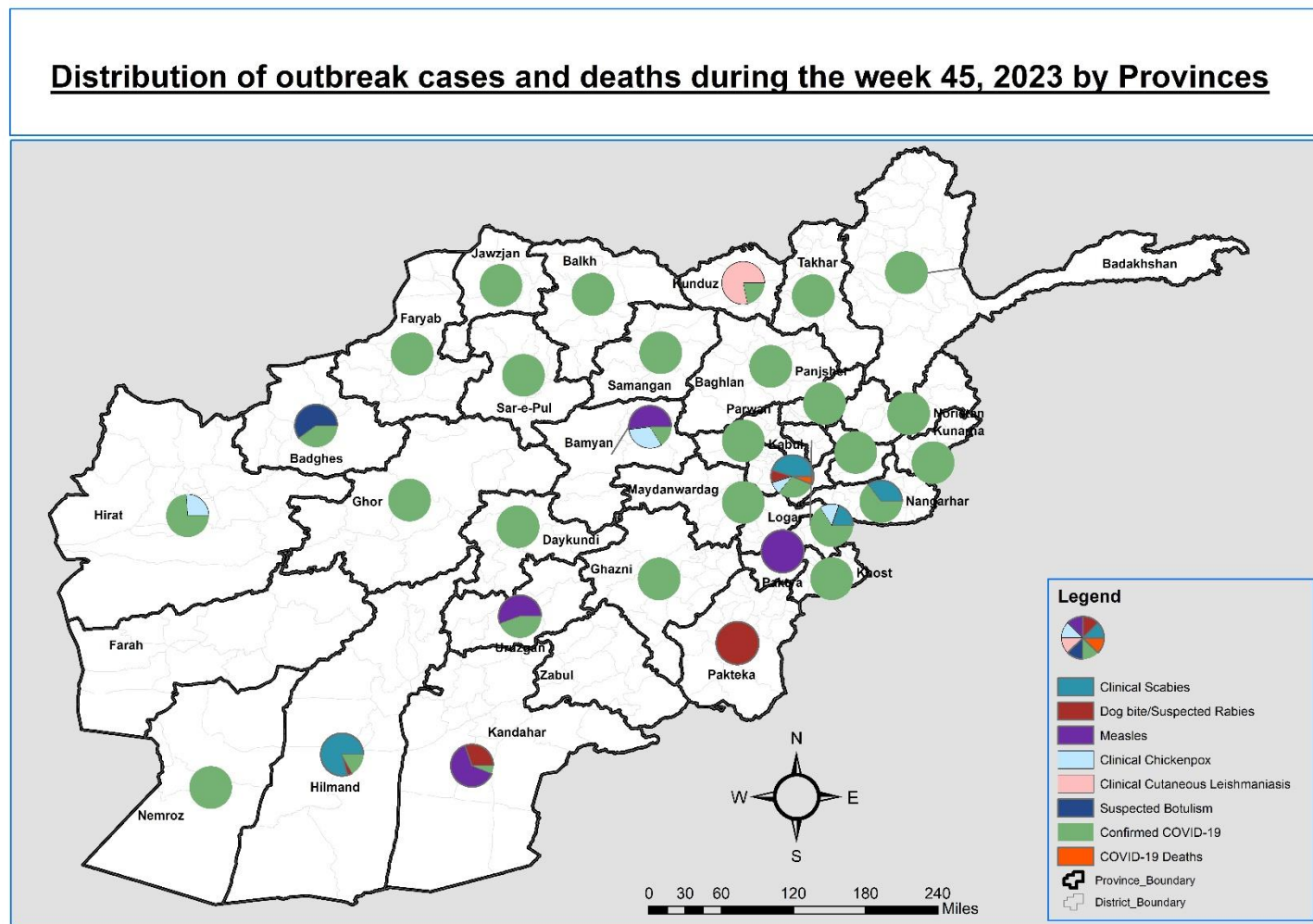
Suspected Botulism outbreak from Badghis province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
05/11/2023	Badghis	Qadis	Tale Goizer	3	1	During this week, 01 Suspected Botulism outbreak was reported from Badghis 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 04 November 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	190	120	2353	11
Suspected Chickenpox	191	6	2763	0
Scabies	181	0	6597	0
Mumps	56	0	895	0
Dog bites/Suspected Rabies	70	0	541	2
Pertussis	56	0	935	1
Pneumonia	28	1	1135	24
Malaria	41	41	3139	0
Leishmaniasis	17	2	1073	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	3	0	152	2
COVID 19	4	4	287	0
Acute watery Diarrhea (Dehydration)	54	51	277	2
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
Cattle bites/Suspected Rabies	2	0	9	0
Suspected Botulism	3	0	10	5
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	988	251	22421	69

Figure 4 Clinical Scabies, Dog bite/Suspected Rabies, Measles, Clinical Chickenpox, Clinical Cutaneous Leishmaniasis, Suspected Botulism, COVID-19 Cases, and deaths during the week 45th 2023.



Laboratory surveillance:

A total of **4774** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **31** specimens were confirmed for Malaria, **12** specimens were confirmed for **Cholera**, **13** specimens were confirmed for **Measles**, **19** specimens were confirmed for Acute Viral Hepatitis and **22** specimens were confirmed for **Dengue Fever**, **02** specimens were confirmed for **SARI** cases, **01 specimen** was confirmed for **Leishmaniasis** (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 45th 2023, we have received Epidemiological reports from 10 out of 10 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa, Paktya and Badakhshan). Out of all new hospital admissions, 250 (6.3%) Severe Acute Respiratory Infections cases were reported and 60% were under 5 years old. The proportion of SARI cases was slightly decreased compared to week 44th 2023. 05 SARI-associated deaths were reported this week. At the 10 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Bamyan (24.4%), Kapisa (19.1%), and Kabul (15%) provinces. During this Epi-week, our field staff shipped 60 SARI and 40 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **3169** specimens were tested for suspected COVID-19. Out of which **321** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 10.1% this week, which decreased 0.2% compared to the previous week.
- Out of **321 confirmed** cases, **969** contacts out of **262** 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 **54,255** 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, **345 (IBS+EBS)** Measles cases were reported to the surveillance system.
- Scabies cases are on increasing trend as a public health challenge due to unimproved lifestyle of the community.
- Chickenpox cases are on increasing trend, and it is recommended to provide its vaccine through the national EPI.
- Dog bite cases are on increasing trend, and it is recommended to provide its control measure through the Zoonotic committee in national level.
- ARI cough and cold cases are on the increasing trend (0.9 %) compared to the previous week.
- Pneumonia cases are on the increasing trend (0.3 %) compared to the previous week.
- Diarrheal diseases are on the decreasing trend (0.3 %) compared to the previous week.
- 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 **345 (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.