

Summary:

- Out of 613 functional Surveillance sentinel sites, 605 (98.7%) have submitted reports this week.
- A total of 651,109 new consultations, of which 263,819 (40.5%) were due to Surveillance targeted diseases. That included 139,465 (52.9%) males and 124,354 (47.1%) females. Also, 118,317 (44.8%) people under five years old and 145,502 (55.2%) five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (183,615 = 28.2% cases out of total new consultations), Acute Diarrheal Diseases (39,664 = 6.1%) cases out of total new consultations, and Pneumonia (34,739= 5.3% cases out of total new consultations).
- A total of 319 deaths were reported this week, of which 88 (27.6%) were due to surveillance-targeted diseases, which include 65 ARI Pneumonia deaths, 07 Suspected Meningitis/ Severely ill Child deaths, 06 COVID-19 deaths, 3 Acute Watery Diarrhea with Severe Dehydration deaths, 03 Suspected acute viral hepatitis deaths, 03 Suspected Typhoid Fever deaths and 01 suspected Hemorrhagic Fever death.
- In addition, during this week, 25 outbreaks were reported: 11 Clinical Chickenpox outbreaks were reported from Badakhshan, Ghazni, Kunduz, Nimroz, Paktya, Panjshir, Wardak and Urozgan provinces, 9 Clinical Scabies outbreaks were reported from, Ghazni, Kapisa, Nangarhar and Nimroz provinces, 01 Measles outbreak was reported from Paktya province, 02 AWD with Severe Dehydration outbreaks were reported from Kandahar and Nangarhar provinces, 01 ARI Pneumonia outbreaks were reported from Zabul province and 01 Dog bite/suspected Rabies was reported from Kandahar.

Moreover, 343 COVID-19 confirmed cases and 404 suspected Measles cases were reported at the national level.

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

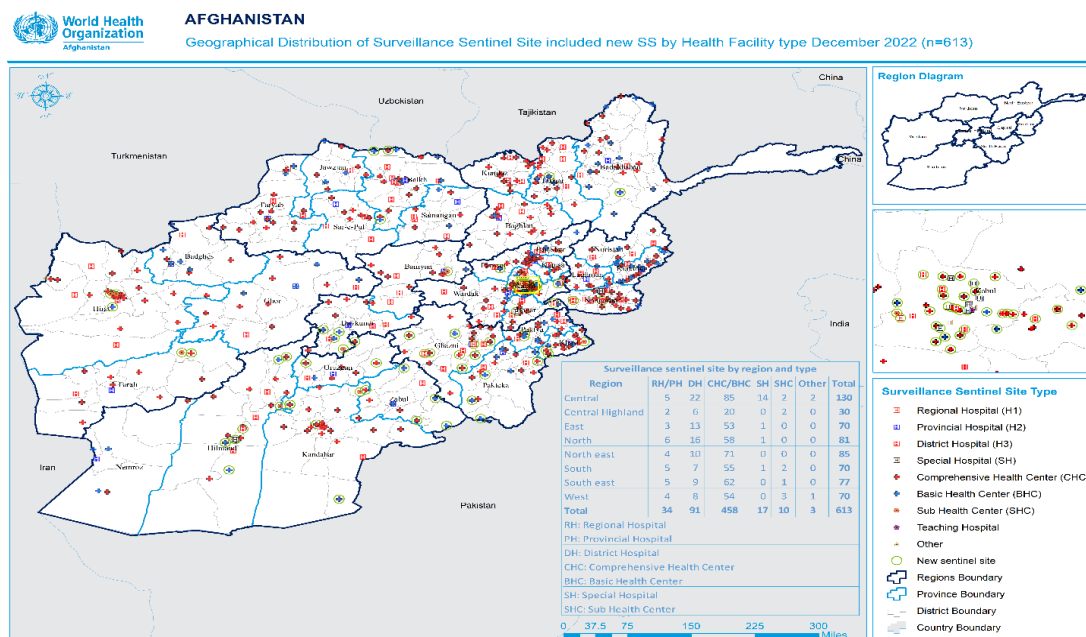


Table 1: Coverage of NDSR Surveillance System

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

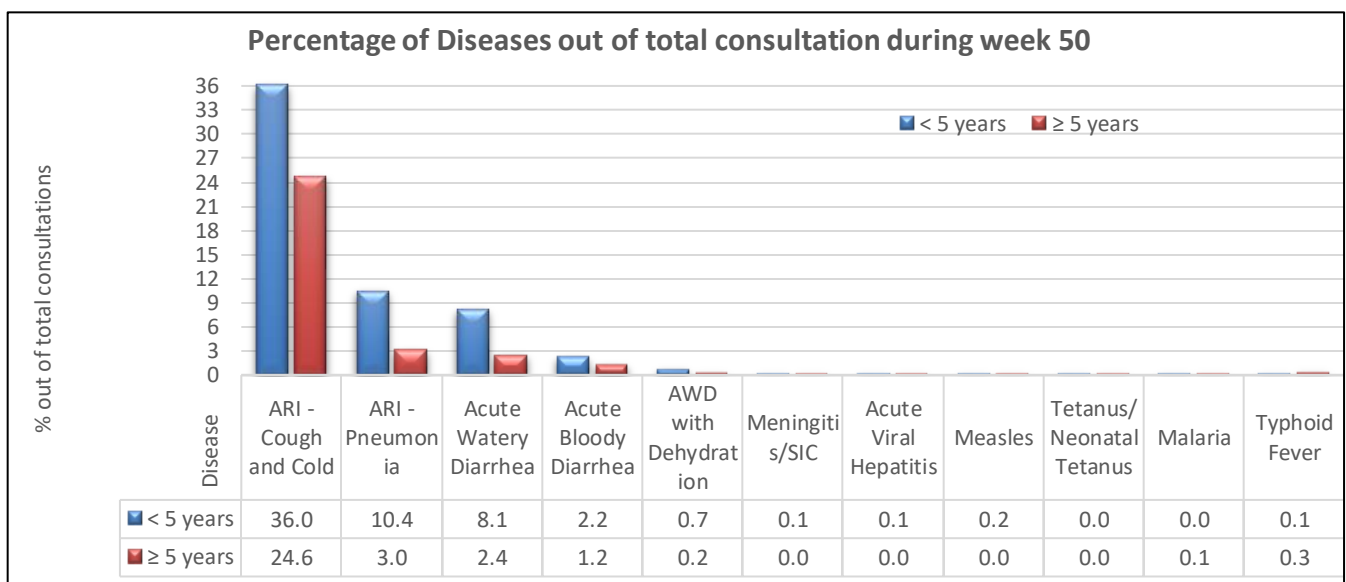
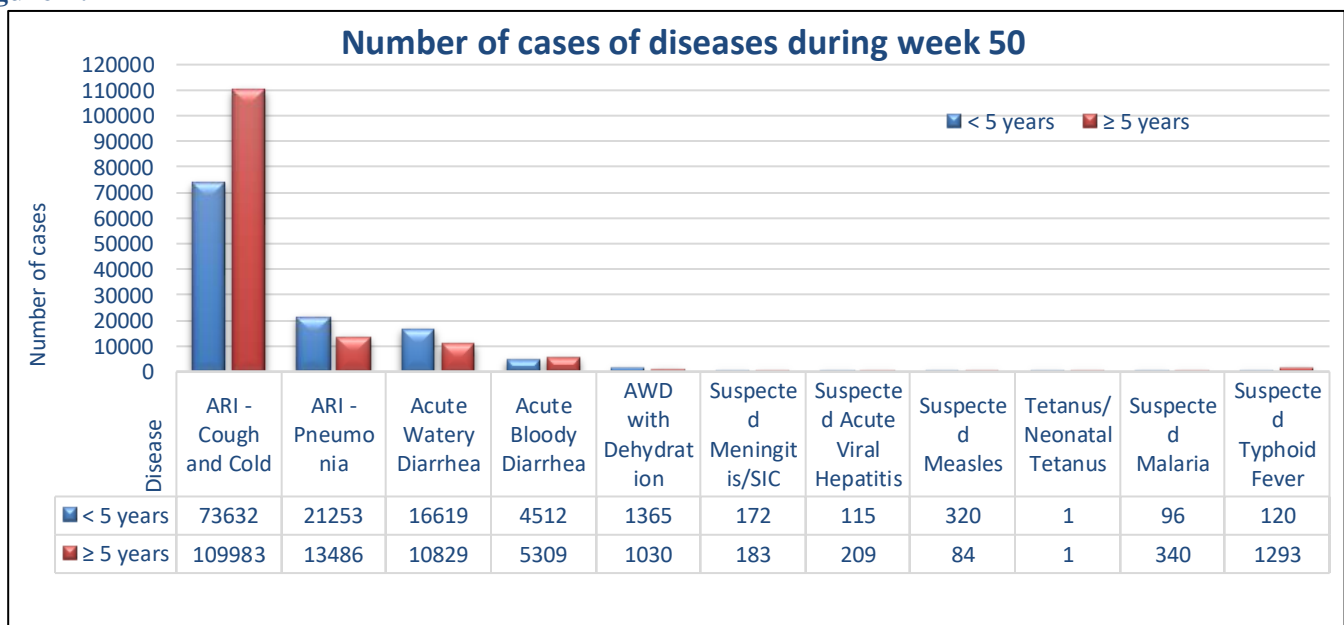


Figure 2: B



Seasonal Diseases:

Figure 3: A

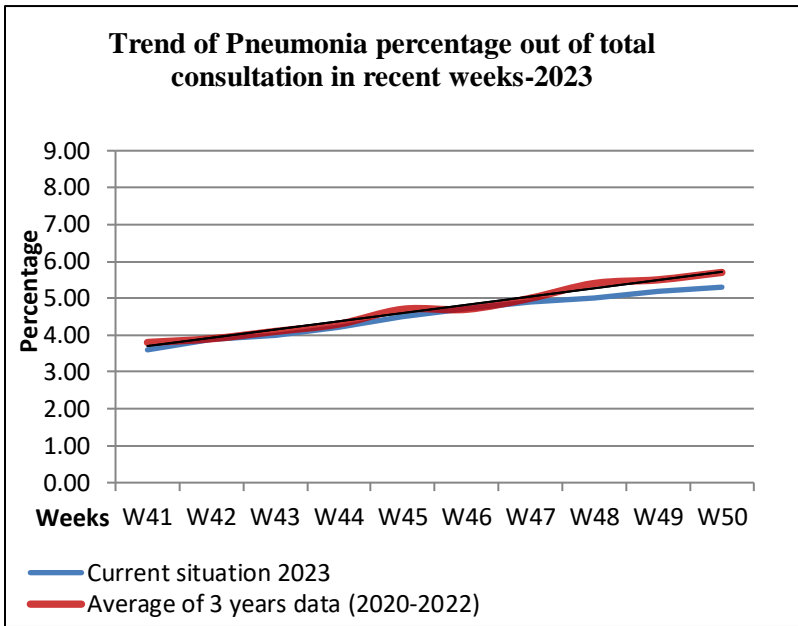


Figure 3: B

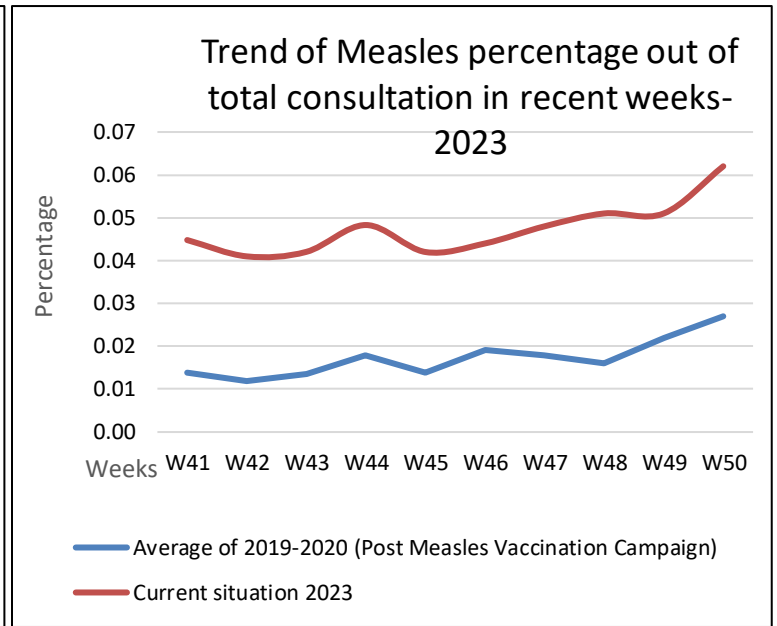


Figure 3: C

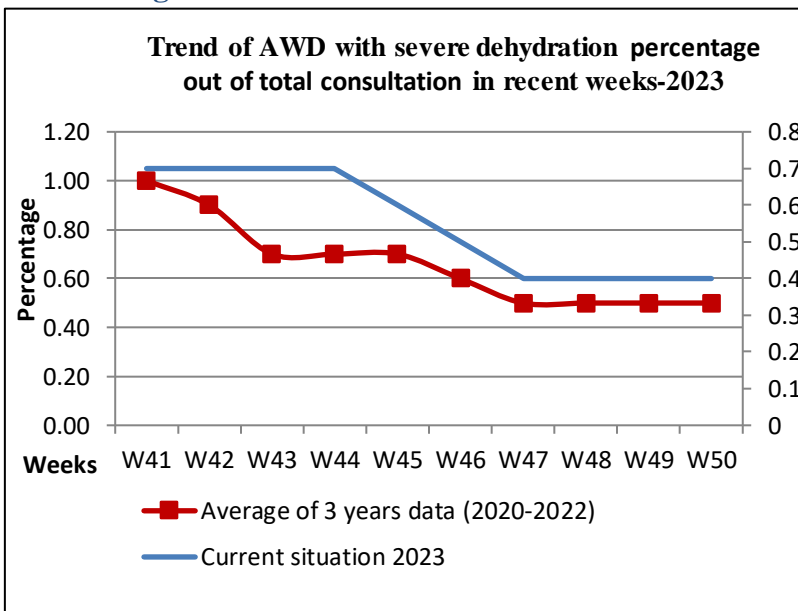


Figure 3: D

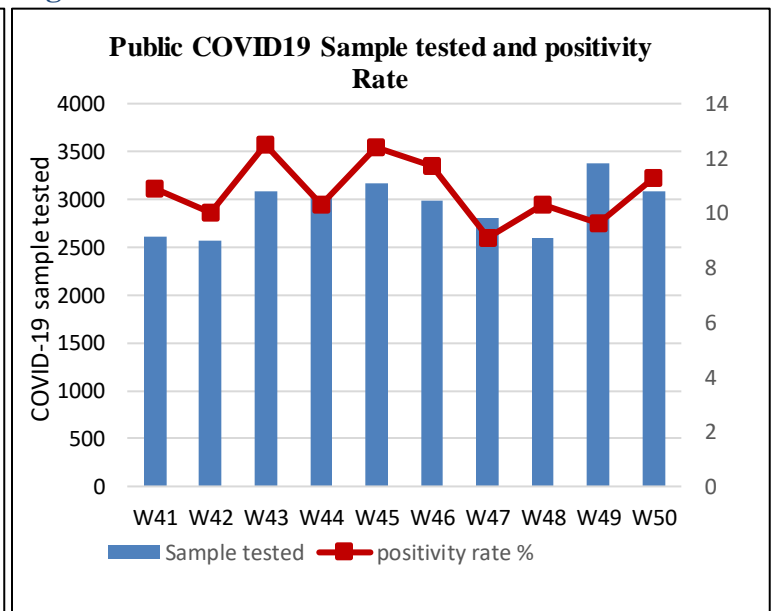


Table 3: Outbreaks in Week 50th 2023:

Clinical Chickenpox outbreaks from Badakhshan, Ghazni, Kunduz, Nimroz, Paktya, Panjshir Wardak and Urozgan provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
14/12/2023	Badakhshan	Sharibuzarq	Noor Abad Zaran	48	0	During This Week, 11 Clinical Chickenpox Outbreaks Were Reported from Badakhshan, Ghazni, Kunduz, Nimroz, Paktya, Panjshir, Wardak and Urozgan Provinces and Case Management Was Done. Health Education Sessions Were Conducted for All the Cases.
11/12/2023	Ghazni	Center	Rasool Abad	12	0	
10/12/2023	Kunduz	Kunduz	Panjsheri	7	0	
14/12/2023	Nimroz	Zarang	Malieq School	37	0	
12/12/2023	Paktya	Zurmat	Kai	8	0	
15/12/2023		Sayed Karam	Karez Village	9	0	
11/12/2023	Panjshir	Anaba	Ispeyana	7	0	
12/12/2023		Hisa Awal	Dowab	9	0	
11/12/2023	Wardak	Chak	Goda	10	0	
10/12/2023	Urozgan	Tarin-Kot	Bulagh	14	0	
14/12/2023		Tarin-Kot	Garmab	22	0	

Clinical Scabies outbreaks from Ghazni, Kpisa, Nangarhar and Nimroz provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
12/12/2023	Ghazni	Center	Pashton Abad	13	0	During this week, 08 Clinical Scabies outbreaks were reported from Ghazni, Kpisa, Nangarhar and Nimroz provinces, and case management was done, health education sessions were conducted for all the cases.
09/12/2023	Kapisa	Center	Jamche	6	0	
08/12/2023		Nijrab	Malika	7	0	
10/12/2023		Kohistan-1	Hamzala Khail	9	0	
10/12/2023		Nijrab	Zarshoi	9	0	
14/12/2023		Kohistan-2	Shikhchi	1	0	
14/12/2023		Nangarhar	Sorkhroad	Hadyatughulum Maran Village	20	
08/12/2023	Behsod		Mohamadia School 13 th Canal	30	0	
14/12/2023	Nimroz	Zarang	Malieq School	9	0	

Dog bite/suspected Rabies outbreak from Kandahar province

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
13/12/2023	Kandahar	Arghandab	Nawai Marza	7	0	During this week, 01 Dog bite/suspected Rabies outbreak was reported from Kandahar province and case management was done. Health education session was conducted for all the cases.

ARI Pneumonia outbreak from Zabul province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
11/12/2023	Zabul	Qalat	Kakaran	51	0	During this week, 01 ARI Pneumonia outbreak was reported from Zabul province, case management was done, health education session was conducted for all the cases.

AWD with Dehydration outbreaks from Kandahar and Nangarhar provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
09/12/2023	Kandahar	Kandahar city	District two	1	0	During this week, 02 AWD with Dehydration outbreaks were reported from Kandahar and Nangarhar Provinces, case management was done, health education sessions were conducted for all the cases.
12/12/2023	Nangarhar	Jalalabad	Roshan Tawer five zone	1	0	

Measles outbreak from Paktya province

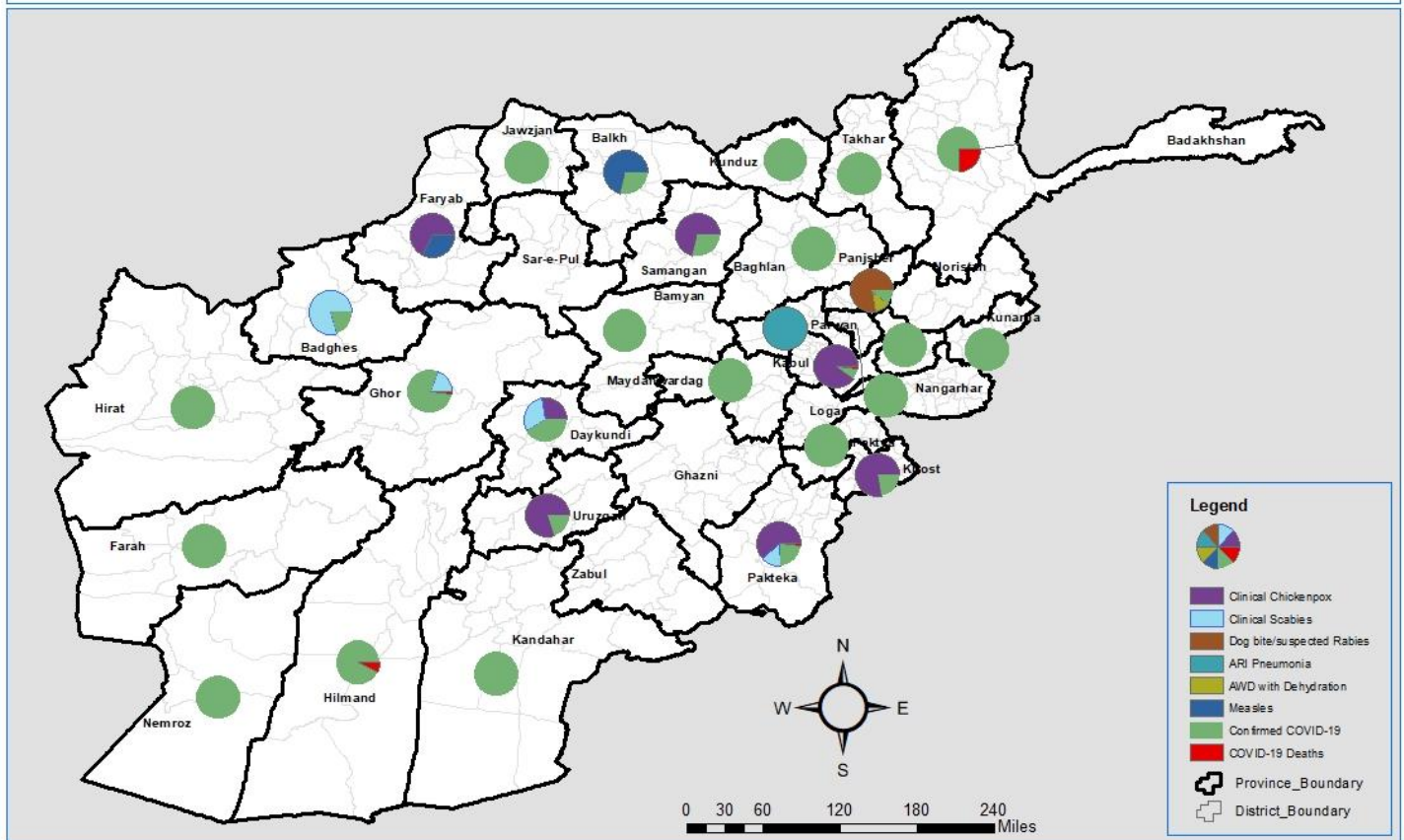
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
13/12/2023	Paktya	Zurmat	Noor khil	8	0	During this week, 01 Measles outbreak was reported from Paktya province, case management was done, health education sessions was conducted for all the cases.

Table 4: Updated outbreak reports during 2023 (01 Jan 2023 to 016 December 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	196	121	2406	12
Suspected Chickenpox	229	6	3344	0
Scabies	221	0	7494	0
Mumps	56	0	895	0
Dog bites/Suspected Rabies	81	0	611	2
Pertussis	58	0	959	1
Pneumonia	29	1	1186	24
Malaria	41	41	3139	0
Leishmaniasis	18	2	1113	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	4	1	125	3
Acute Bloody diarrhea	2	0	124	0
ARI	4	0	212	2
COVID 19	4	4	287	0
Acute watery Diarrhea (Dehydration)	61	58	288	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
Head Lice outbreak	1	0	281	0
Grand Total	1097	259	24509	70

Figure 4 Clinical Chickenpox, Clinical Scabies, Dog bite/Suspected Rabies, ARI Pneumonia, AWD with dehydration, Measles, COVID-19 Cases, and deaths during the week 50th 2023.

Distribution of outbreak cases and deaths during the week 50, 2023 by Provinces



Laboratory surveillance:

A total of **4349** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **21** specimens were confirmed for **Dengue Fever**, **21** specimens were confirmed for **Chickenpox**, **19** specimens were confirmed for Malaria, **04** specimens were confirmed for **AWD**, **01** specimens were confirmed for **Acute Influenza cases**, **11** specimens were confirmed for **Measles**, **19** specimens were confirmed for **Acute Viral Hepatitis**, **08** specimens were confirmed for Malaria and **03** specimens were confirmed for Chickenpox (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 50th 2023, we have received 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, 789 (15.9%) Severe Acute Respiratory Infections cases were reported and 57% were under 5 years old. The proportion of SARI cases was increased compared to week 49th 2023. 38 SARI-associated deaths were reported this week. At the 10 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kapisa (36.4%), Kabul (32%), and Nangarhar (28.9%) 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, **3079** specimens were tested for suspected COVID-19. Out of which **343** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 11.1 % this week, which increased 1.5% compared to the previous week.
- Out of **343 confirmed** cases, **874** contacts out of **241** 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 **35,573** 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, **412 (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 (0.3%) compared to the previous week.
- Pneumonia cases are on the increasing trend (0.1%) compared to the previous week.
- Diarrheal diseases are on the decreasing trend (0.2%) 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 **412 (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.