

Summary:

- Out of 613 functional Surveillance sentinel sites, 605(98.7%) have submitted reports this week.
- A total of 656,316 new consultations, of which 257,767 (39.3%) were due to Surveillance targeted diseases. That included 136,132 (52.8%) males and 121,635 (47.2%) females. Also, 119,350 (46.3%) people under five years old and 138,417 (53.7%) five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (168,300 = 25.6% cases out of total new consultations), Acute Diarrheal Diseases (55,284 = 8.4%) cases out of total new consultations, and Pneumonia (27,383= 4.2% cases out of total new consultations).
- A total of 299 deaths were reported this week, of which 68 (22.7%) were due to surveillance-targeted diseases, which include 48 ARI Pneumonia deaths, 10 Suspected Meningitis/ Severely ill Child deaths, 03 Hemorrhagic Fever deaths, 03 COVID-19 deaths, 02 Suspected acute viral hepatitis deaths, 01 Measles death and 01 Tetanus death.
- In addition, during this week, 19 outbreaks were reported: 09 Clinical Scabies outbreaks were reported from, Baghlan, Herat, Kabul, Kapisa, Kunduz, Logar, Nangarhar and Parwan provinces, 04 Chickenpox outbreaks were reported from Kunduz, Panjshir, Saripul and Wardak provinces, 02 AWD with Dehydration outbreaks were reported from Nangarhar provinces, 01 Measles outbreak was reported form Kandahar province, 01 Clinical Confirmed Human Rabies outbreak was reported from Baghlan, 01 ARI Cough and Cold was reported from Badakhshan province and 01 Clinical Mumps outbreak was reported from Kunduz province.

Moreover, 314 COVID-19 confirmed cases and 317 suspected Measles cases were reported at the national level.

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

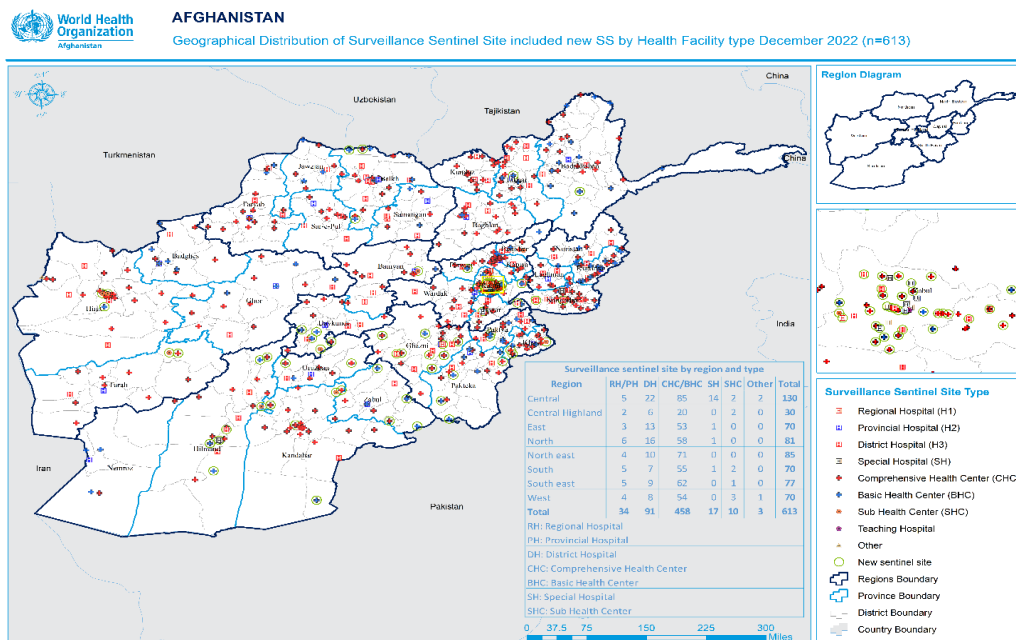


Table 1: Coverage of NDSR Surveillance System

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

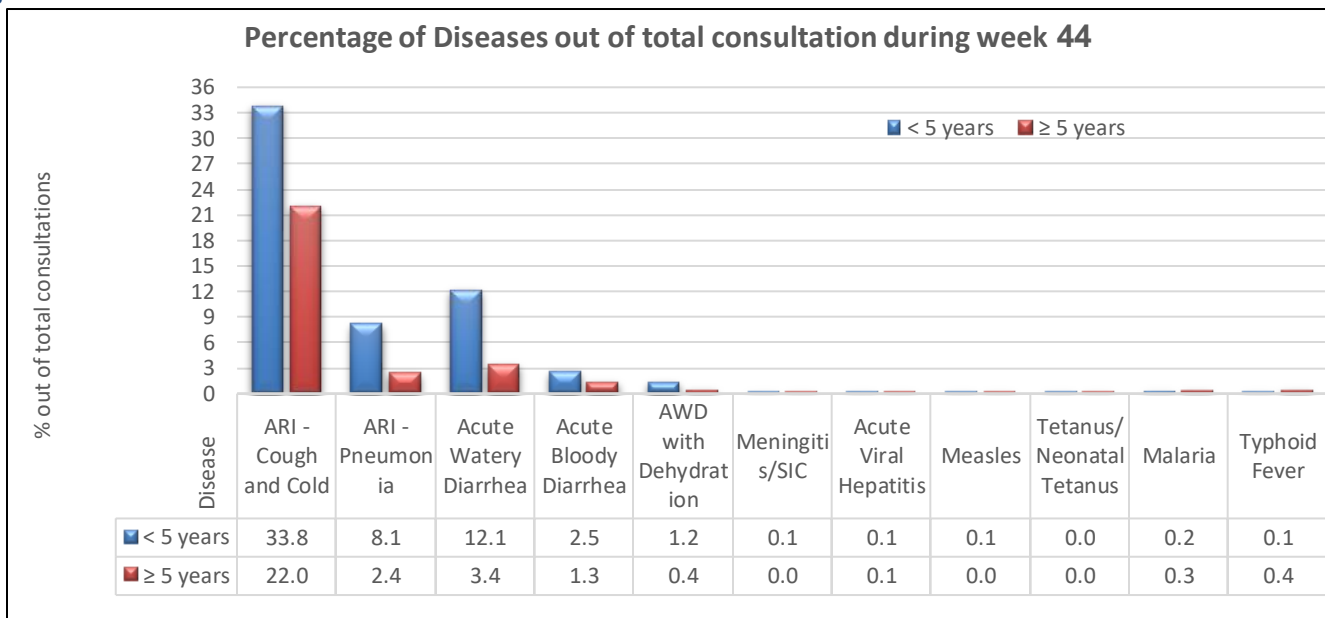
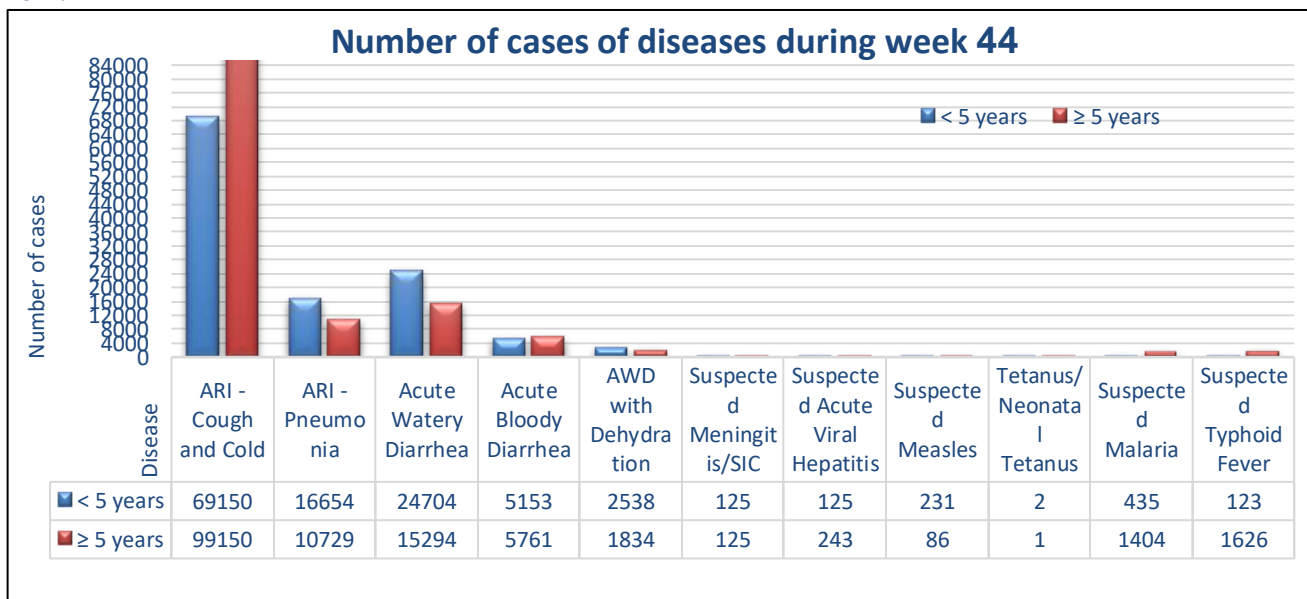


Figure 2: B



Seasonal Diseases:

Figure 3: A

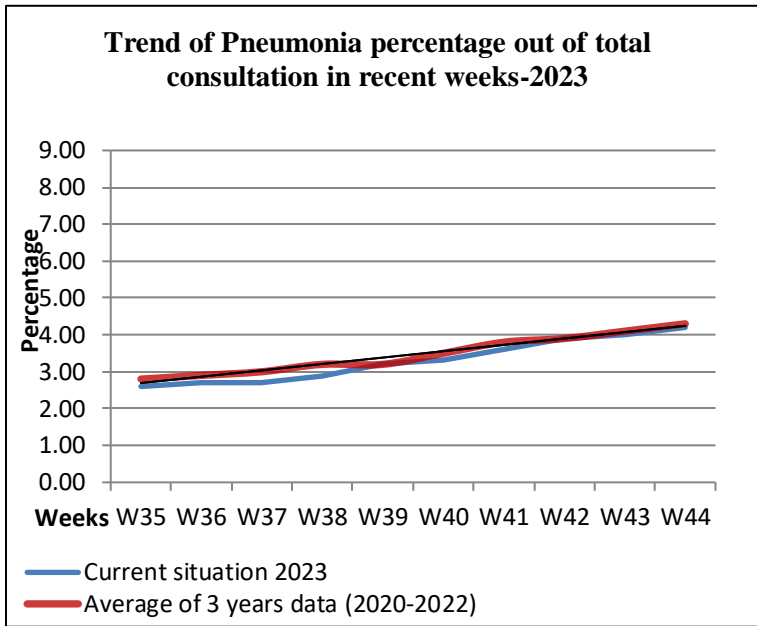


Figure 3: B

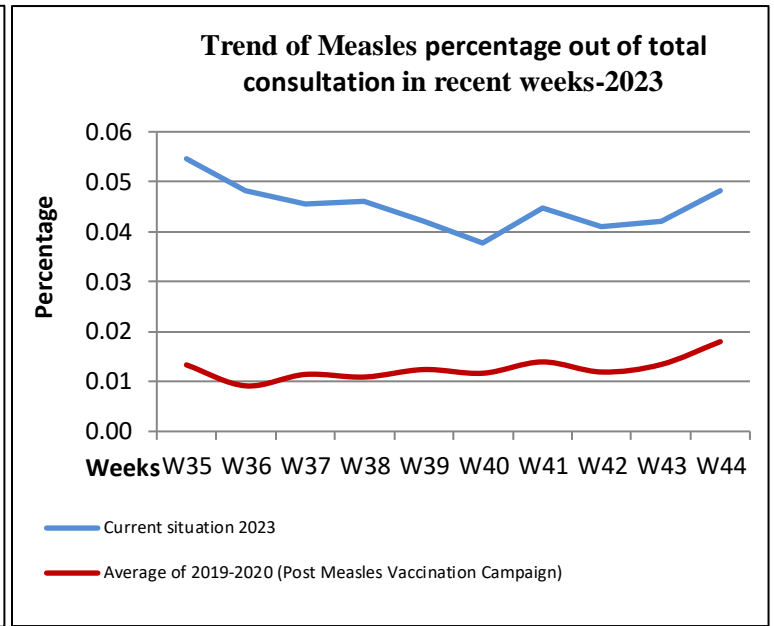


Figure 3: C

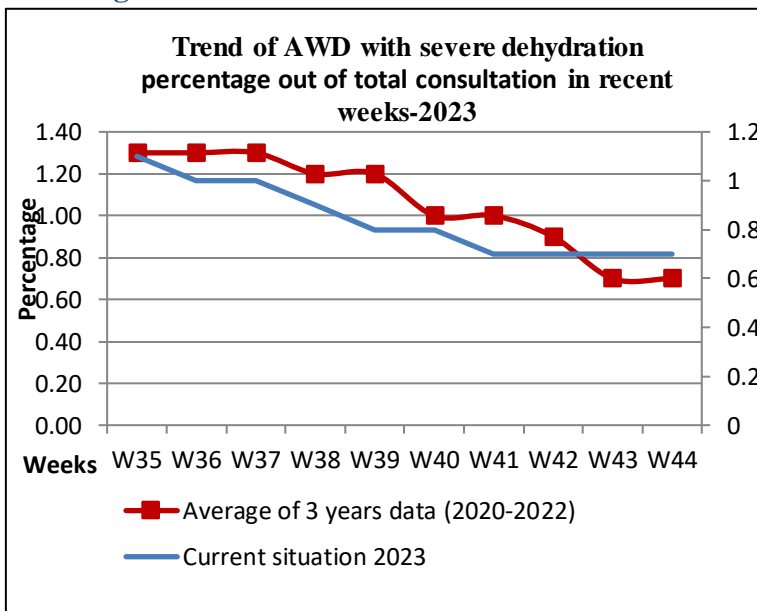


Figure 3: D

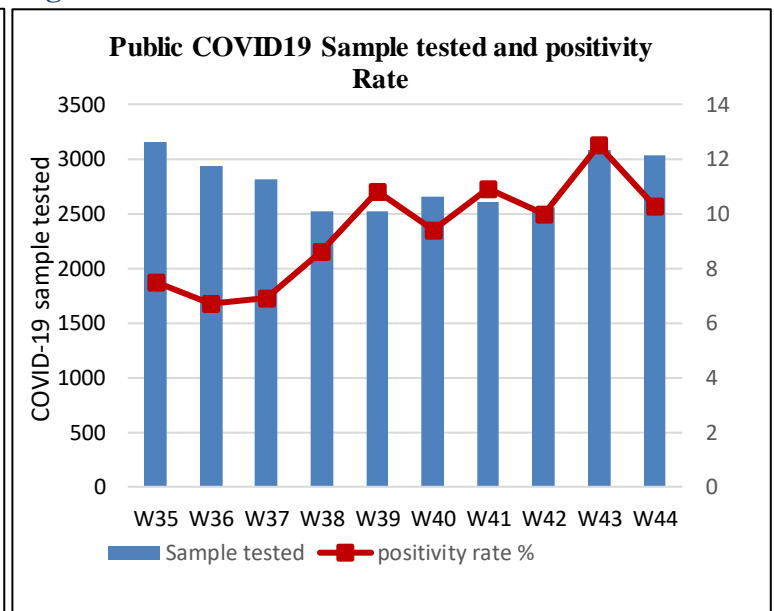


Table 3: Outbreaks in Week 44th 2023:

Clinical Scabies outbreaks from Baghlan, Herat, Kabul, Kapisa, Kunduz, Logar, Nangarhar and Parwan provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
29/10/23	Baghlan	Dehsalah	Sang Boran	12	0	During this week, 09 Clinical Scabies outbreaks were reported from Baghlan, Herat, Kabul, Kapisa, Kunduz, Logar, Nangarhar and Parwan provinces, and case management was done, health education sessions were conducted for all the cases.
02/11/2023	Herat	Guzarah	Dih Sabz	16	0	
04/11/2023	Kabul	District 4	Saleem Carvan - Taimani	8	0	
04/11/2023	Kapisa	Center	Alam Shir Khail	11	0	
01/11/2023		Center	Now Abad	21	0	
03/11/2023	Kunduz	Chahardarh	Madrasah Hazrati Abdullah Bin Abass	16	0	
31/10/2023	Logar	Khoshi	Paeen Deh	16	0	
31/10/2023	Nangarhar	Sorkhrod	Bar Shikhmesr	153	0	
31/10/2023	Parwan	Jabel Seraj	Shaida	12	0	

Clinical Chickenpox outbreaks form Kunduz, Panjshir, Saripul and Wardak provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
30/10/23	Kunduz	Khan Abad	Khoja Bolak	6	0	During this week, 04 Clinical Chickenpox outbreaks were reported from Kunduz, Panjshir, Saripul and Wardak provinces and case management was done. Health education sessions were conducted for all the cases.
28/10/2023	Panjshir	Rukha	Shaikhan	9	0	
28/10/2023	Saripul	Sozmaqala	Bare Omeq	25	0	
31/10/2023	Wardak	Said Abad	Salar	14	0	

Clinical Confirmed Human Rabies outbreak form Baghlan province						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
02/11/2023	Baghlan	Doshi	Rabat	3	1	During this week, 01 Clinical Confirmed Human Rabies outbreak was reported from Baghlan province and case management was done. Health education session was conducted for all the cases.

AWD with severe dehydration outbreaks from Nangarhar province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
30/10/2023	Nangarhar	Behsood	Daman	3	0	During this week, 02 AWD with severe dehydration outbreaks were reported from Nangarhar province, case management was done, health education sessions were conducted for all the cases.
31/10/2023		Jalalabad	Abdul Haq Mina And Mayoubin Area	2	0	

ARI cough and Cold outbreak from Badakhshan province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
29/10/2023	Badakhshan	Shokal	Jarfe	39	0	During this week, 01 ARI cough and Cold outbreak was reported from Badakhshan province, and case management was done, health education session was conducted for all the cases.

Measles outbreak from Kandahar province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
29/10/2023	Kandahar	Khak reiz	Daman, Sar kani barma	33	0	During this week, 01 Measles outbreak was reported from Kandahar province, and case management was done, health education session was conducted for all the cases.

Clinical Mumps outbreak from Kunduz province

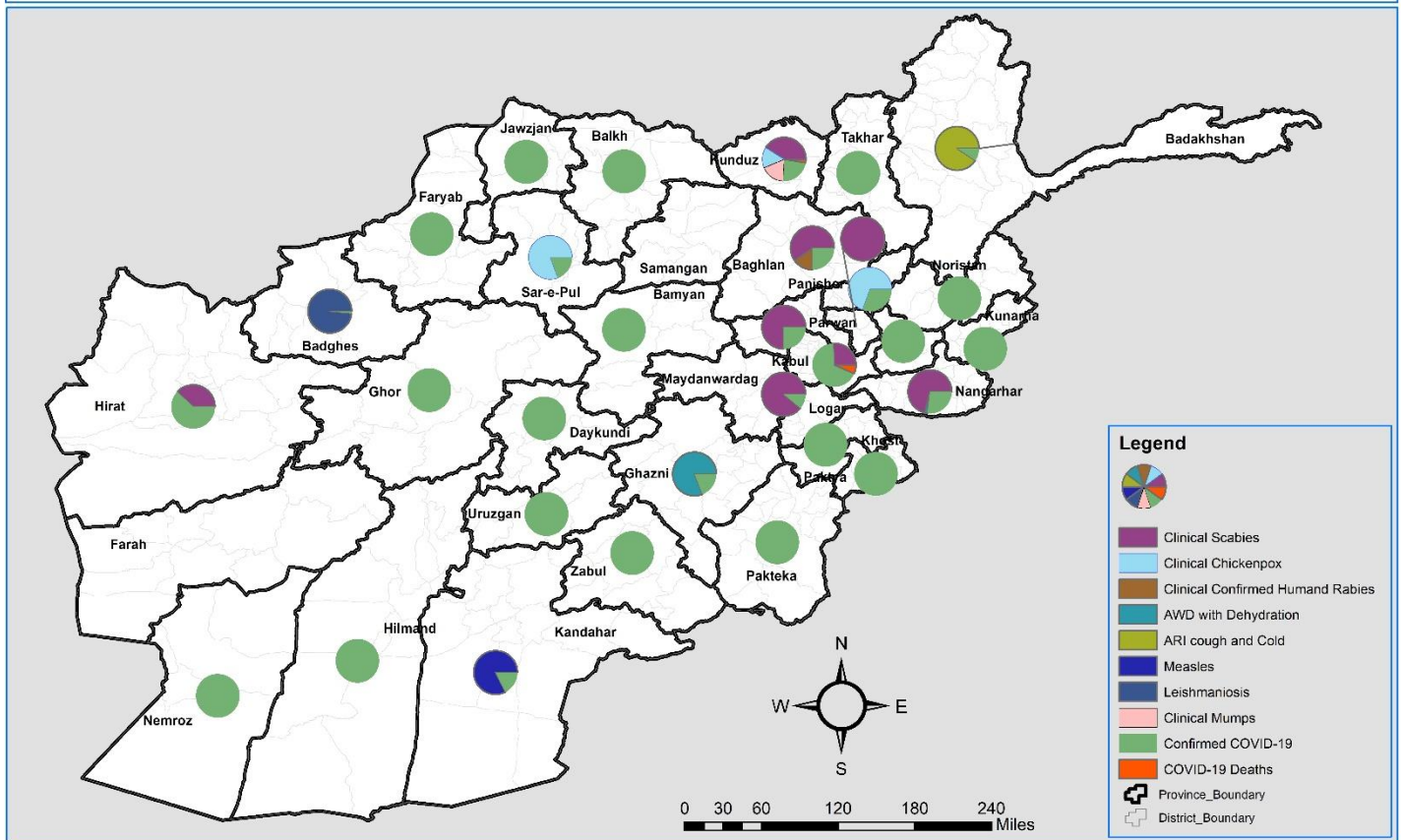
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
29/10/2023	Kunduz	Khan Abad	Naw Abad	7	0	During this week, 01 Clinical Mumps outbreak was reported from Kunduz province, and case management was done, health education session was conducted for all the cases.

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	185	104	2290	11
Suspected Chickenpox	187	4	2722	0
Scabies	174	0	6345	0
Mumps	56	0	895	0
Dog bites/Suspected Rabies	65	0	479	2
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	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
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	964	233	21948	68

Figure 4 Clinical Scabies, Clinical Chickenpox, Clinical confirmed Human Rabies, AWD with dehydration, ARI cough and Cold, Measles, Clinical Mumps, COVID-19 Cases, and deaths during the week 44th 2023.

Distribution of outbreak cases and deaths during the week 44, 2023 by Provinces



Laboratory surveillance:

A total of **4611** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **51** specimens were confirmed for Malaria, **22** specimens were confirmed for **Cholera**, **05** specimens were confirmed for **Measles**, **16** specimens were confirmed for Acute Viral Hepatitis and **18** specimens were confirmed for **Dengue Fever** (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 44th 2023, we have received reports from 09 out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyán, Baghlan, Nangarhar, Kapisa and Paktya). Out of all new hospital admissions, 235 (6.7%) Severe Acute Respiratory Infections cases were reported and 55% were under 5 years old. The proportion of SARI cases was slightly decreased compared to week 43rd 2023. 06 SARI-associated deaths were reported this week. At the 09 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Bamyán (28.2%), Kapisa (22.2%), and Kabul (15%) provinces. During this Epi-week, our field staff shipped 54 SARI and 36 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **3035** specimens were tested for suspected COVID-19. Out of which **314** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 10.3% this week, which decreased 2.2% compared to the previous week.
- Out of **314 confirmed** cases, **856** contacts out of **216** 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 **82,208** 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, **350 (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.
- ARI cough and cold cases are on the increasing trend (1.1 %) compared to the previous week.
- Pneumonia cases are on the increasing trend (0.2 %) 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 **350 (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.