

Summary:

- Out of **613** functional Surveillance sentinel sites, **599 (97.7%)** have submitted reports this week.
- A total of **684,155** new consultations, of which **258,427 (37.8%)** were due to Surveillance targeted diseases. That included **136,370 (52.8%) males** and **122,057 (47.2%) females**. Also, **124,469 (48.2%)** under five years old and **133,958 (51.8%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**122,253 = 17.9%** cases out of total new consultations), Acute Diarrheal Diseases (**110,576 =16.2%** cases out of total new consultations), and Pneumonia (**17,315 = 2.5%** cases out of total new consultations).
- A total of **268** deaths were reported this week, of which **84 (31.3%)** were due to surveillance-targeted diseases, which include **50 pneumonia** deaths, **08 Acute watery Diarrhea AWD** deaths, **08 Suspected Meningitis/ Severely Ill Child** deaths, **06 Suspected Hemorrhagic Fever** deaths, **04 Suspected Acute Viral Hepatitis** deaths, **04 Measles** deaths, **03 COVID-19** deaths and **01 Pregnancy-related** death.
- In addition, during this week, **20** outbreaks were reported: **02 Dog bite /Suspected Rabies** outbreak were reported from Badakhshan and Kabul Provinces, **04 AWD** outbreaks were reported from Laghman, Nangarhar, Helmand and Paktya Provinces, **03 Chickenpox** outbreak was reported from Parwan, Badakhshan and Wardak Provinces, **03 Clinical Scabies** outbreaks were reported from Kabul and Kunduz Provinces, **01 Suspected Anthrax** outbreak was reported from Samangan Provinces, **01 Food Poisoning** outbreak was reported Parwan Province, **01 Leishmaniosis** outbreak was reported from Faryab province, **01 Measles** outbreak was reported from Ghazni Province, **01 Unknown Food Poisoning** was reported from Khost province, **01 Vaccine Reaction** was reported Balkh Province, **01 ORF (Skin Disease)** outbreak was reported from Herat Province and **01 Clinical pertussis** outbreak was reported from Kapisa province.
- .
- Moreover, **260** COVID-19 confirmed cases and **327** suspected measles cases were reported at the national level.

Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2022:

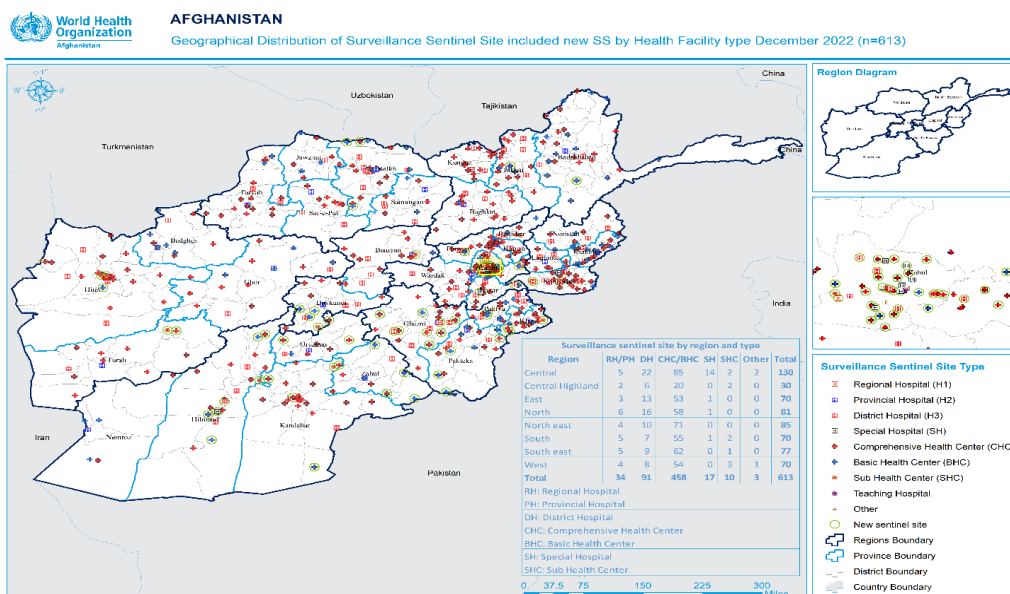


Table 1: Coverage of NDSR Surveillance System

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

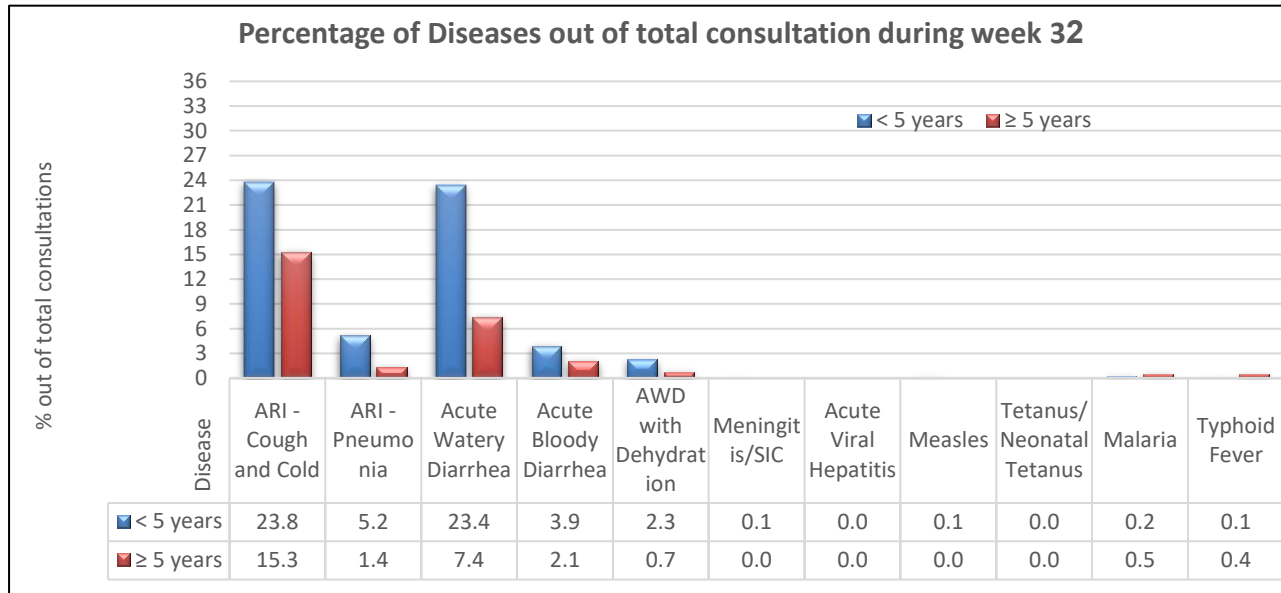
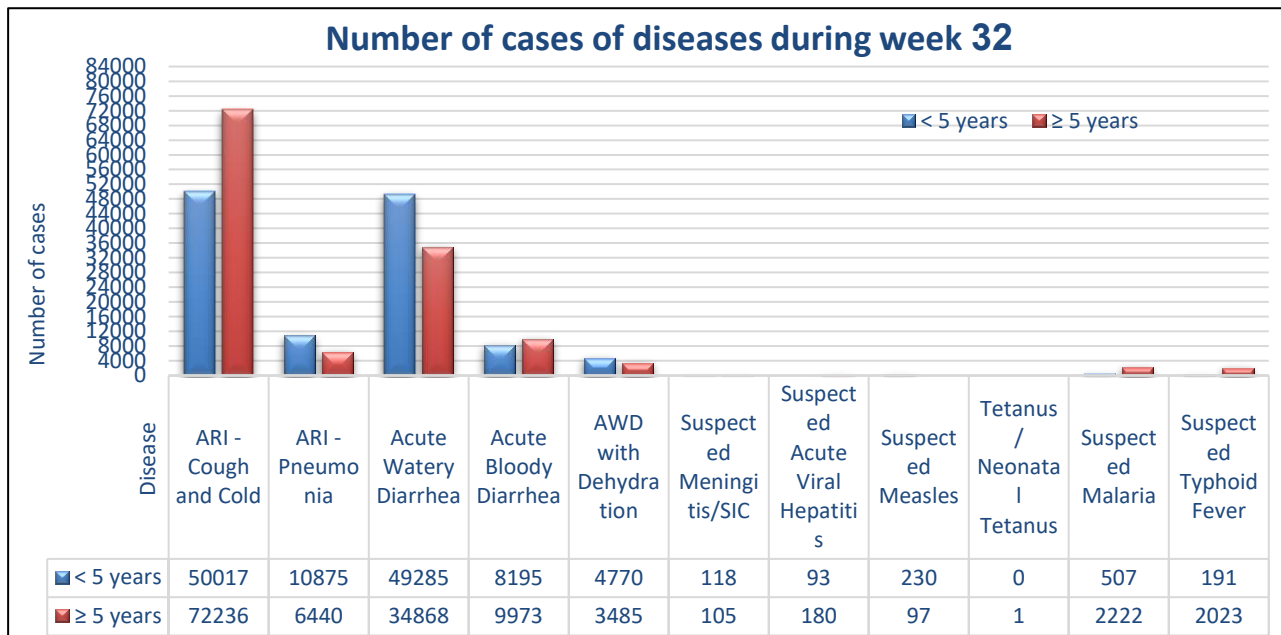


Figure 2: B



Seasonal Diseases:

Figure 3: A

Trend of Pneumonia percentage out of total consultation in recent weeks-2023

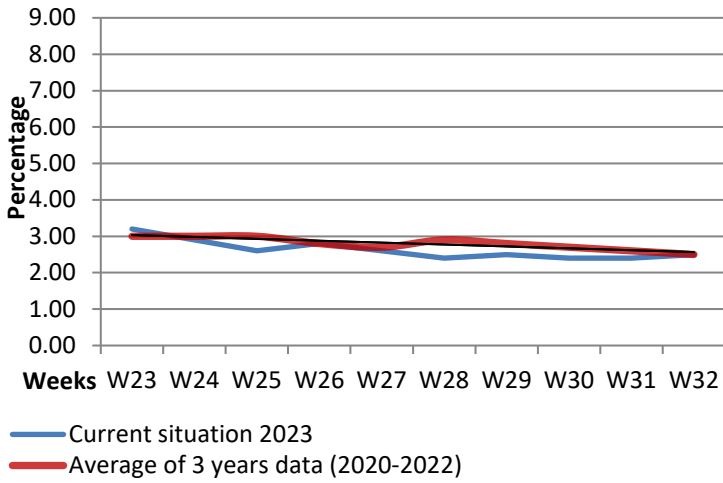


Figure 3: B

Trend of Measles percentage out of total consultation in recent weeks-2023

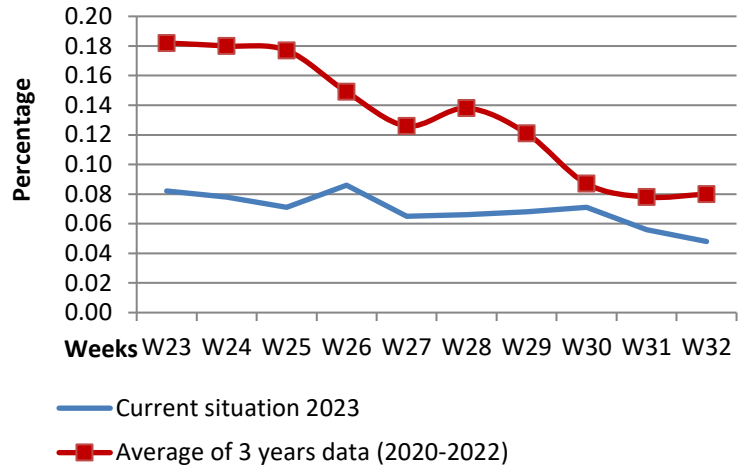


Figure 3: C

Trend of AWD with severe dehydration percentage out of total consultation in recent weeks-2023

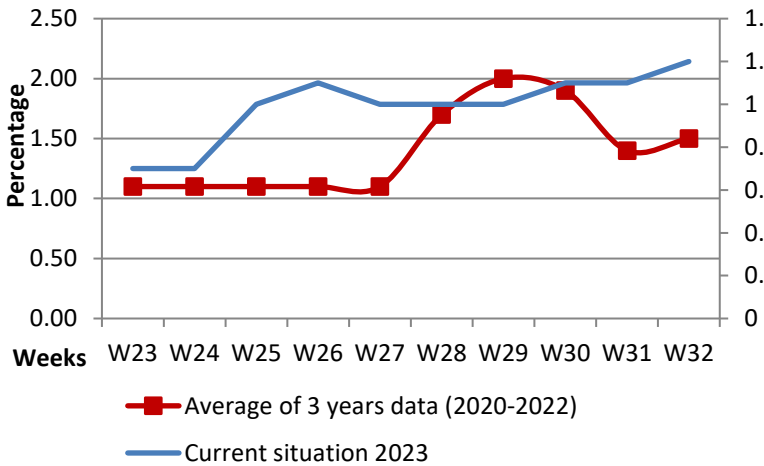


Figure 3: D

Public COVID19 Sample tested and positivity Rate

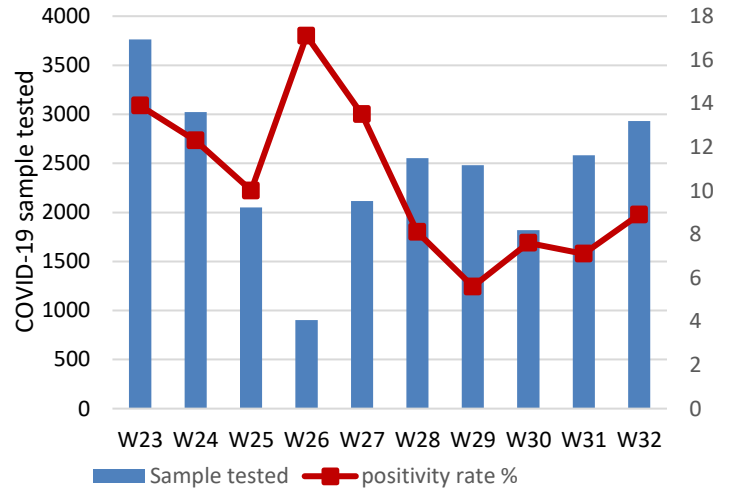


Table 3: Outbreaks in week 32nd 2023:

Dog bites / suspected Rabies outbreaks from Badakhshan and Kabul provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
08/08/2023	Badakhshan	Faizabad	Abesity	4	0	During this week, 02 Dog bites /suspected Rabies outbreaks were reported from Badakhshan and Kabul provinces, and case management was done, health education session were conducted for all the cases.
06/08/2023	Kabul	District 5	Chahar Rahi Qambar	6	0	

AWD outbreaks form Laghman, Nangarhar, Paktya and Helmand provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
08/08/2023	Laghman	Alishang	Barandak	74	0	During this week, 04 AWD outbreaks were reported from Laghman, Nangarhar, Paktya and Helmand provinces and case management was done. Health education sessions were conducted for all the cases.
08/07/2023	Nangarhar	Behsood	Etifaq Mena Benigha	2	0	
08/08/2023	Paktya	Jani Khil	Nasiri	11	0	
06/08/2023	Helmand	lashkergah	Janan Qomandan Masjid	2	0	

Clinical Chickenpox outbreaks form Badakhshan, Parwan and Wardak provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
05/08/2023	Badakhshan	Yamgan	Arghusk	71	0	During this week, 03 Chickenpox outbreak were reported from Badakhshan, Parwan and Wardak provinces, and case management was done. Health education sessions were conducted for all the cases.
09/08/2023	Parwan	Jabelseraj	Shaheeda	19	0	
05/08/2023	Wardak	Said Abad	Salar	10	0	

Suspected Scabies outbreaks from Kabul and Kunduz provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
07/08/2023	Kabul	Bagrami	Zoor Hussainkheil	6	0	During this week, 03 Suspected Scabies outbreaks were reported from Kabul and Kunduz provinces, and case

13/08/2023		District# 08	Tanki Logar, Bala Hesar	11		management was done, health education sessions were conducted for all the cases.
05/08/2023	Kunduz	Khan Abad	Hassan Miakhil	59	0	

Clinical Anthrax outbreak form Samangan province

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
05/08/2023	Samangan	Dar-e-Sof	Char Deh	1	0	During this week, 01 Clinical Anthrax outbreak was reported from Samangan province, and case management was done, health education session was conducted for all the cases.

Vaccine Reaction outbreak from Balkh province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
10/08/2023	Balkh	Maar-i-Sharif	Baba Yadgar	4	0	During this week, 01 Vaccine reaction outbreak was reported from Balkh province, and case management was done, health education session was conducted for all the cases.

ORF (Skin disease) outbreak from Herat province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
12/02/2023	Herat	Pashton Zarghon	Main dogo	5	0	During this week, 01 ORF (Skin disease) outbreak was reported from Herat province, and case management was done, health education session was conducted for all the cases.

Suspected Measles outbreak from Ghazni province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Vaccination coverage in field	HF vaccination coverage	Recommendation/Action take
09/08/2023	Ghazni	Ajeristan	Adinkhial	21	0	20%	100%	During this week, 01 Suspected Measles Outbreak was reported from Ghazni province and case management was done, health education session

								was conducted for all the cases
--	--	--	--	--	--	--	--	---------------------------------

Food Poisoning outbreak from Parwan province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
06/08/2023	Parwan	Siagerd	Rangaab	6	0	During this week, 01 Food Poisoning outbreak was reported from Parwan province, and case management was done, health education session was conducted for all the cases.

Unknown Food Poisoning outbreak from Khost province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
06/08/2023	Khost	Zazi Maidan	Setkaw	210	0	During this week, 01 Unknown Food Poisoning outbreak was reported from Khost province, and case management was done, health education session was conducted for all the cases.

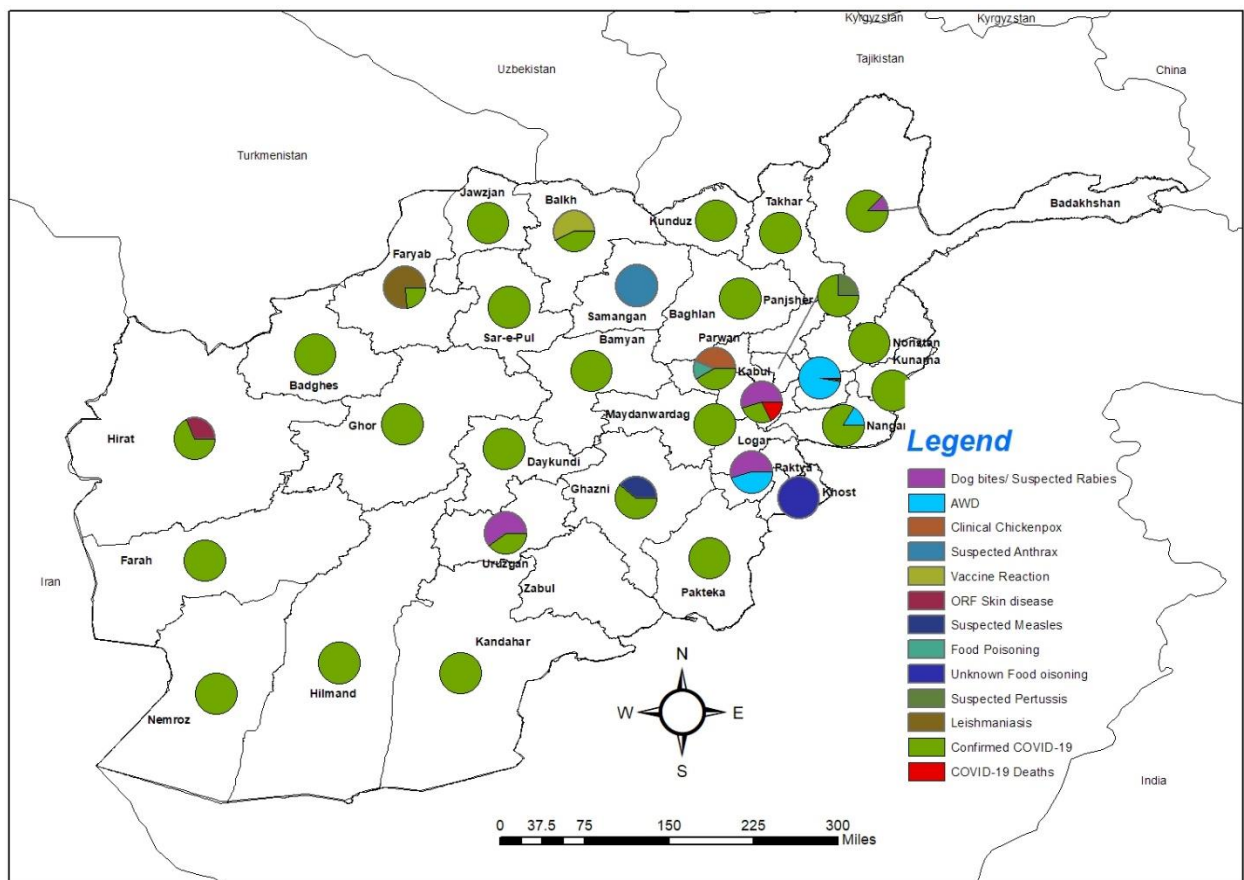
Leishmaniasis outbreak form Faryab province						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
05/08/2023	Faryab	Almar	Kaboter Khan	16	0	During this week, 01 Leishmaniasis outbreak was reported from Faryab province, and case management was done, health education session was conducted for all the cases.

Clinical Pertussis outbreak form Kapisa province								
Reported dated	Province	District	Village	Total Cases	Total deaths	Vaccination coverage in field	HF vaccination coverage	Recommendation
12/08/2023	Kapisa	Kohistan 02	Sefatullah khill	6	0	75%	80%	During this week, 01 Clinical Pertussis outbreak was reported from Kapisa 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 12 August 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	169	103	2067	11
Suspected Chickenpox	151	4	2187	0
Scabies	123	0	5040	0
Mumps	49	0	775	0
Dog bites/Suspected Rabies	48	0	388	0
Pertussis	40	0	637	1
Pneumonia	28	1	1135	24
Malaria	13	13	1513	0
Leishmaniasis	11	2	914	0
CCHF	17	17	134	13
Food poisoning	12	0	597	0
Anthrax	8	0	24	0
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)	10	10	108	0
Tinea Capitis	1	0	14	0
Skin diseases	2	0	550	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
Grand Total	702	152	16882	57

Figure 4: Dog bites/ Suspected Rabies, AWD, Clinical Chickenpox, Suspected Anthrax, Vaccine Reaction, ORF (Skin disease), Suspected Measles, Food Poisoning, Unknown Food Poisoning, Leishmaniasis, Clinical Pertussis and Covid-19 cases and deaths during the week 32nd 2023.



Laboratory surveillance:

A total of **4335** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **49** specimens were confirmed for Malaria, **15** specimens were confirmed for **Cholera**, **13** specimens were confirmed for specimens were confirmed for, **04** specimens were confirmed for **CCHF**, **05** specimens were confirmed for **Brucellosis**, **04** specimens were confirmed for **Measles** (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 32nd 2023, we have received reports from 09 out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa and Paktia). Out of all new hospital admissions, 133 (3.9%) Severe Acute Respiratory Infections cases were reported and 57% were under 5 years old. The proportion of SARI cases was slightly decreased compared to week 31st 2023. 02 SARI-associated deaths were reported this week. At the 09 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Baghlan (17.0%), Kabul (14.0%), and Kapisa (12.4%) provinces. During this Epi-week, our field staff shipped 27 SARI and 18 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **2930** specimens were tested for suspected COVID-19. Out of which **260** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 8.9 % this week, which increased 1.8 % compared to the previous week.
- Out of **260 confirmed** cases, **806** contacts out of **179** 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 **43,374** passengers have been screened for COVID-19 at the points of entry in three provinces (Balkh, Herat 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 **348 (IBS+EBS)** measles cases were reported to the surveillance system.
- ARI cough and cold cases are on the increasing (0.6%) 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 increasing (0.2%) 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 **348 (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.