

Summary:

- Out of **613** functional Surveillance sentinel sites, **600 (97.9%)** have submitted reports this week.
- A total of **611,455** new consultations, of which **230,550 (37.7%)** were due to Surveillance targeted diseases. That included **121,679 (52.8%) males** and **108,871 (47.2%) females**. Also, **111,247 (48.3%)** under five years old and **119,303 (51.7%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**110,186 = 18%** cases out of total new consultations), Acute Diarrheal Diseases (**95,959 =15.7%** cases out of total new consultations), and Pneumonia (**16,279 = 2.7%** cases out of total new consultations).
- A total of 278 deaths were reported this week, of which 78 (28%) were due to surveillance-targeted diseases, which include 47 pneumonia deaths, 11 Suspected Meningitis/ Severely ill Child deaths, 05 Acute watery Diarrhea AWD deaths, 04 Suspected Acute Viral Hepatitis deaths, 04 Typhoid Fever deaths, 02 Suspected Hemorrhagic Fever deaths, 01 Measles death, 01 COVID-19 death, 01 Acute Flaccid Paralysis death and 02 Pregnancy-related deaths.
- In addition, during this week, **19** outbreaks were reported: **05 AWD** outbreaks were reported from **Parwan, Helmand** and **Kandahar** Provinces, **03 Chickenpox** outbreaks were reported from **Kabul, Parwan** and **Takhar** Provinces. **05 clinical Scabies** outbreaks were reported from **Khost, Badakhshan, Kabul** and **Paktia** Provinces, **01 Food Poisoning** outbreak was reported from **Kandahar** Province, **01 Mumps** outbreak was reported from **Samangan** Province, **01 PV Malaria** outbreak was reported from **Kunar** Province, **01 CCHF** outbreak was reported from **Takhar** Province, **01 Clinical Pertussis** outbreak was reported from **Ghazni** province and **01 suspected Measles** outbreak was reported from **Wardak** province.
- Moreover, **174** COVID-19 confirmed cases and **307** suspected measles cases were reported at the national level.
- **Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2023**

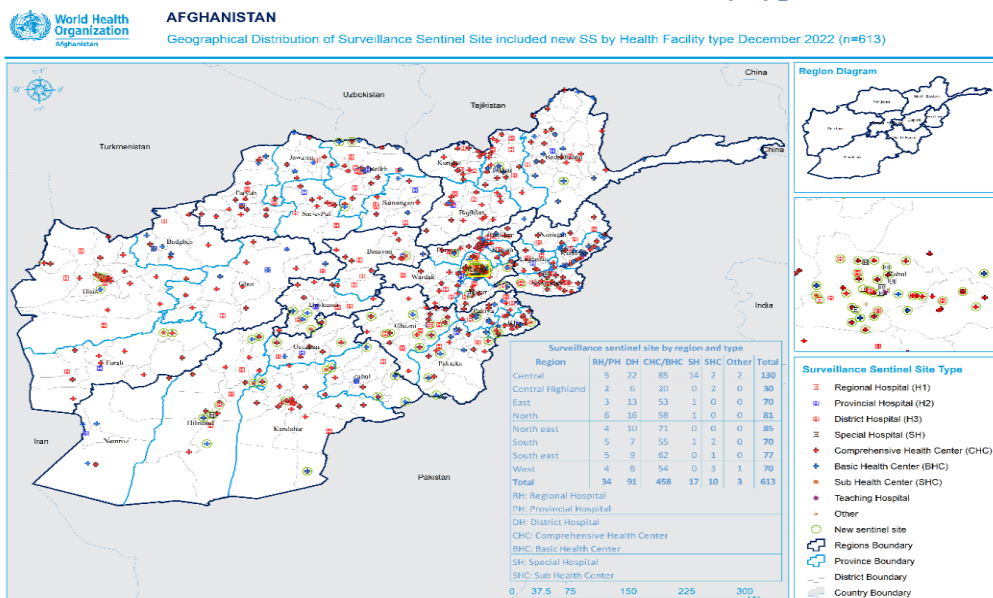


Table 1: Coverage of NDSR Surveillance System

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

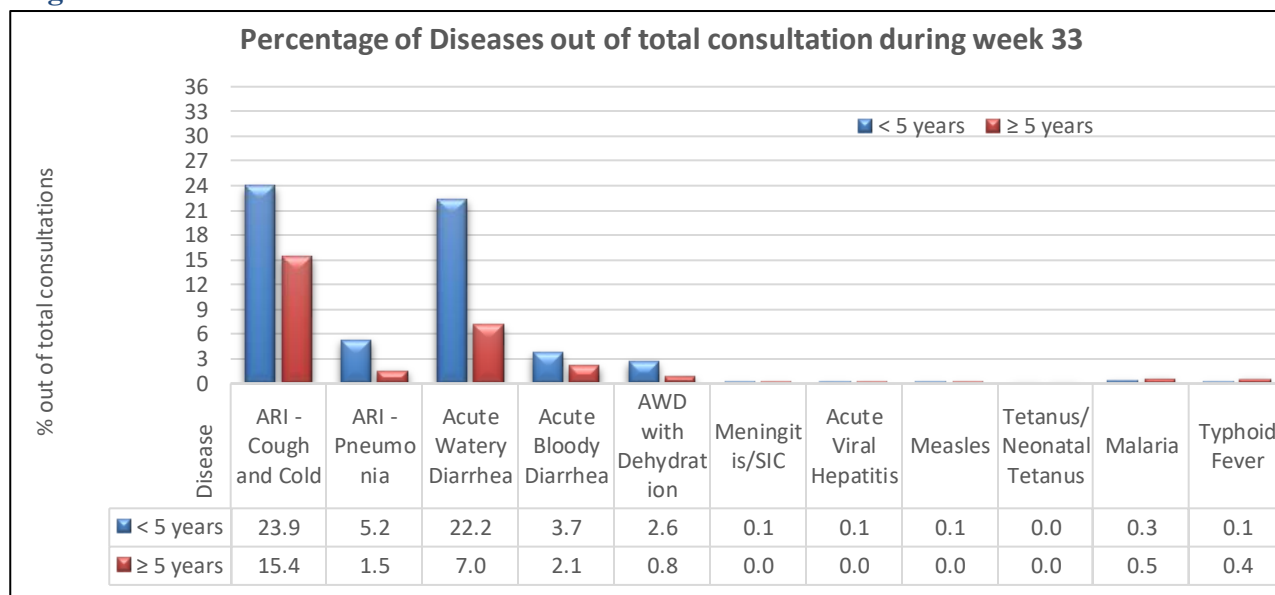
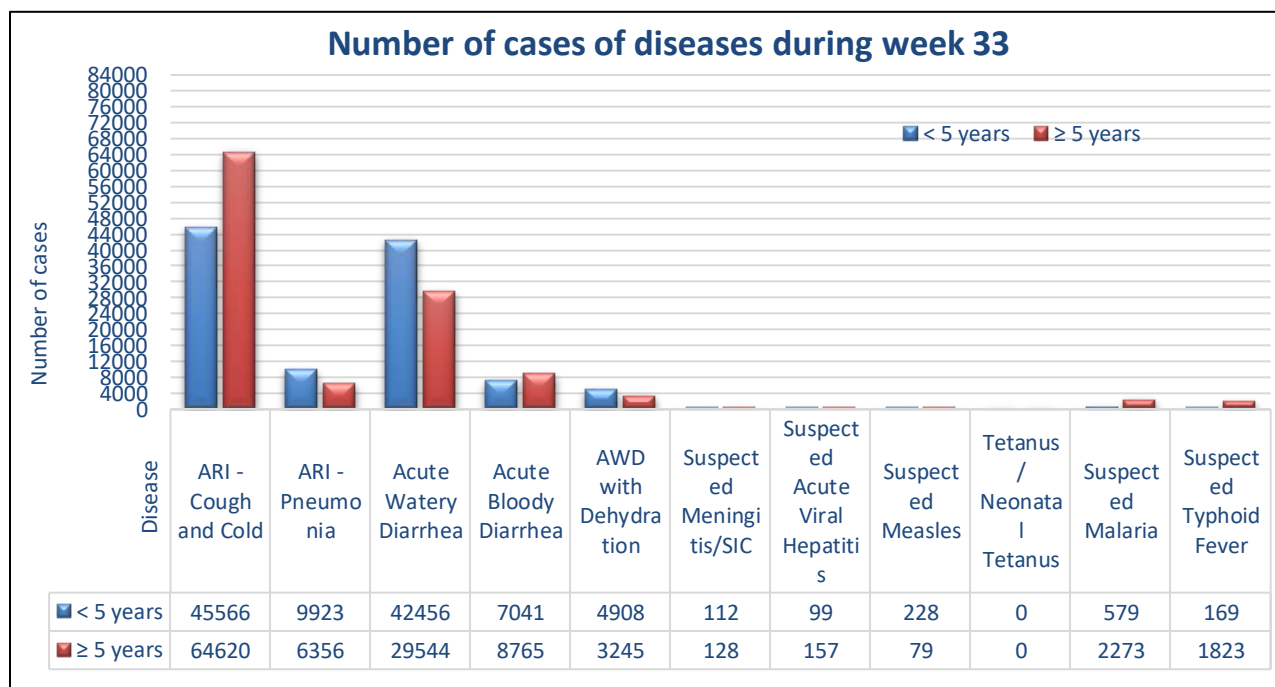


Figure 2: B



Seasonal Diseases:

Figure 3: A

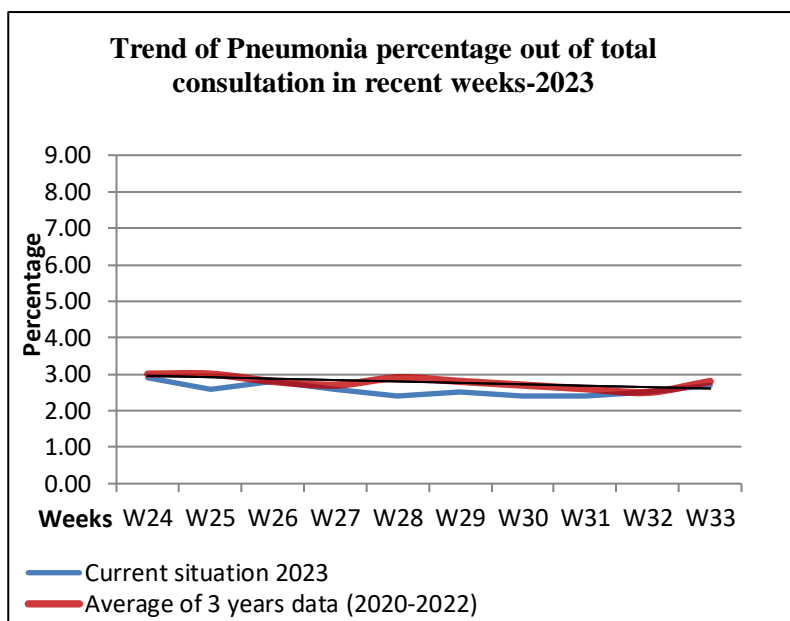


Figure 3: B

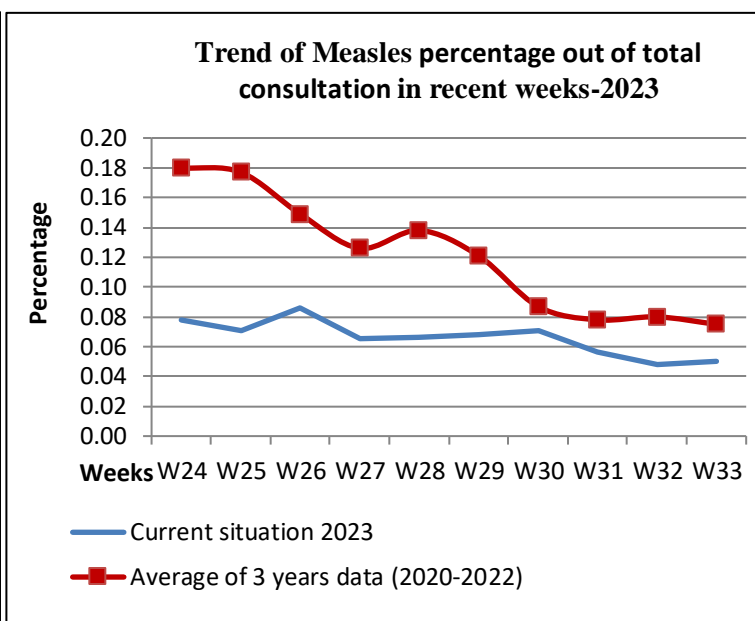


Figure 3: C

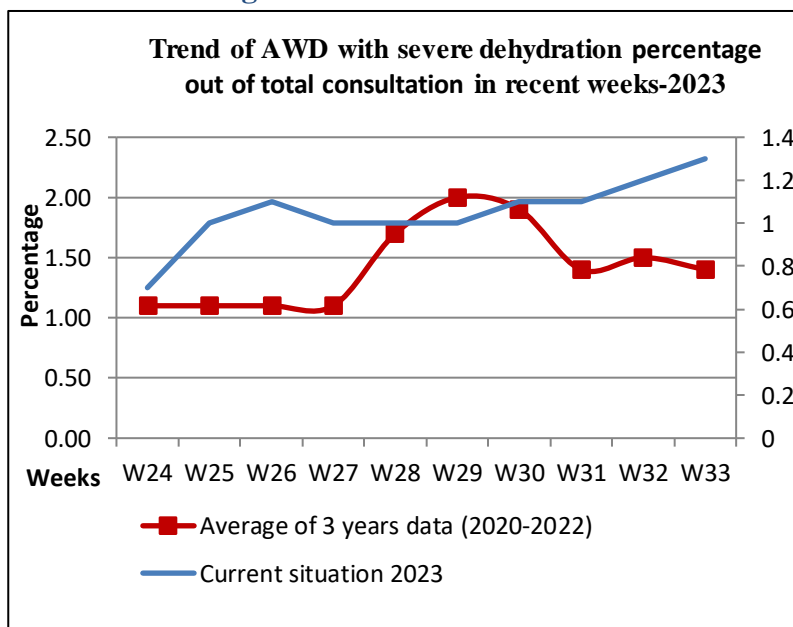


Figure 3: D

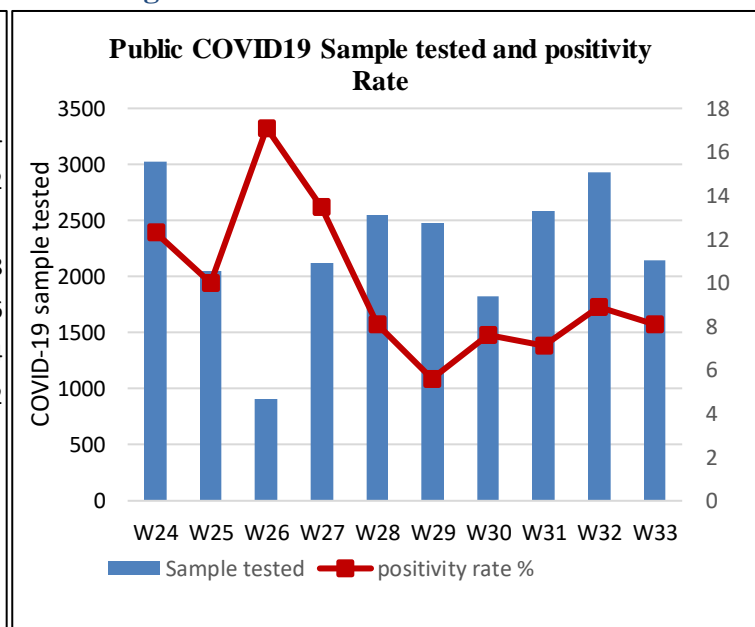


Table 3: Outbreaks in week 33rd 2023:

AWD outbreaks form Helmand, Kunar, Parwan and Nangarhar provinces						
Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
12/08/2023	Helmand	Kajaki	Zamin Dawar	1	0	During this week, 05 AWD outbreaks were reported from Helmand, Kunar, Parwan and Nangarhar provinces and case management was done. Health education sessions were conducted for all the cases.
13/08/2023	Kunar	Chapa Dara	Bagh Korona	44	0	
13/08/2023	Parwan	Shinwari	Shiwa	2	0	
16/08/2023	Nangarhar	Behsood	Gamishbella	1	0	
16/08/2023		Jalalabad	1 st Nahya	1	0	

Clinical Chickenpox outbreaks form Kabul, Parwan and Takhar provinces

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
13/08/2023	Kabul	District 9	Qabul Baay	12	0	During this week, 03 Clinical Chickenpox outbreaks were reported from Kabul, Parwan and Takhar provinces, and case management was done. Health education sessions were conducted for all the cases.
13/08/2023	Parwan	Charikar	Qala-E-Naw	13	0	
13/08/2023	Takhar	Taluqan	Haji Eir Gash	14	0	

Suspected Scabies outbreaks from Khost, Badakhshan, Kabul and Paktia provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
17/08/2023	Khost	Khost center	Khost prison	56	0	During this week, 05 Suspected Scabies outbreaks were reported from Khost, Badakhshan, Kabul and Paktia provinces, and case management was done, health education sessions were conducted for all the cases.
13/08/2023	Badakhshan	Argo	Ghuzakdara	59	0	
14/08/2023	Kabul	District 8	Bani Hesar	9	0	
12/08/2023	Paktia	Gardiz	Khani Zawo	34	0	
13/08/2023		Gardiz	Rohani Madrasa	51	0	

PV Malaria outbreak form Kunar province

Reported dated	Province	District	Village	Total Cases	Total deaths	Recommendation
13/08/2023	Kunar	Sawkay	Swakay DH Catchment area	185	0	During this week, 01 Clinical PV Malaria was reported from Kunar province, and case management was done, health education session was conducted for all the cases.

CCHF outbreak from Takhar province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
14/08/2023	Takhar	Baharak	Kharoty	2	0	During this week, 01 CCHF outbreak was reported from Takhar province, and case management was done, health education session was conducted for all the cases.

Mumps outbreak from Samangan province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
13/08/2023	Samangan	Dar-e-Souf Bala	Zeraki	26	0	During this week, 01 Mumps outbreak was reported from Samangan province, and case management was done, health education session was conducted for all the cases.

Food Poisoning outbreak from Kandahar province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
14/08/2023	Kandahar	Kandahar City	Hakim Sahib Ada	22	0	During this week, 01 Food Poisoning outbreak was reported from Kandahar province, and case management was done, health education session was conducted for all the cases.

Clinical Pertussis outbreak from Ghazni province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
16/08/2023	Ghazni	Dehyak	Nawabad Ramak	7	0	During this week, 01 Clinical Pertussis outbreak was reported from Ghazni province, and case management was done, health education session was conducted for all the cases.

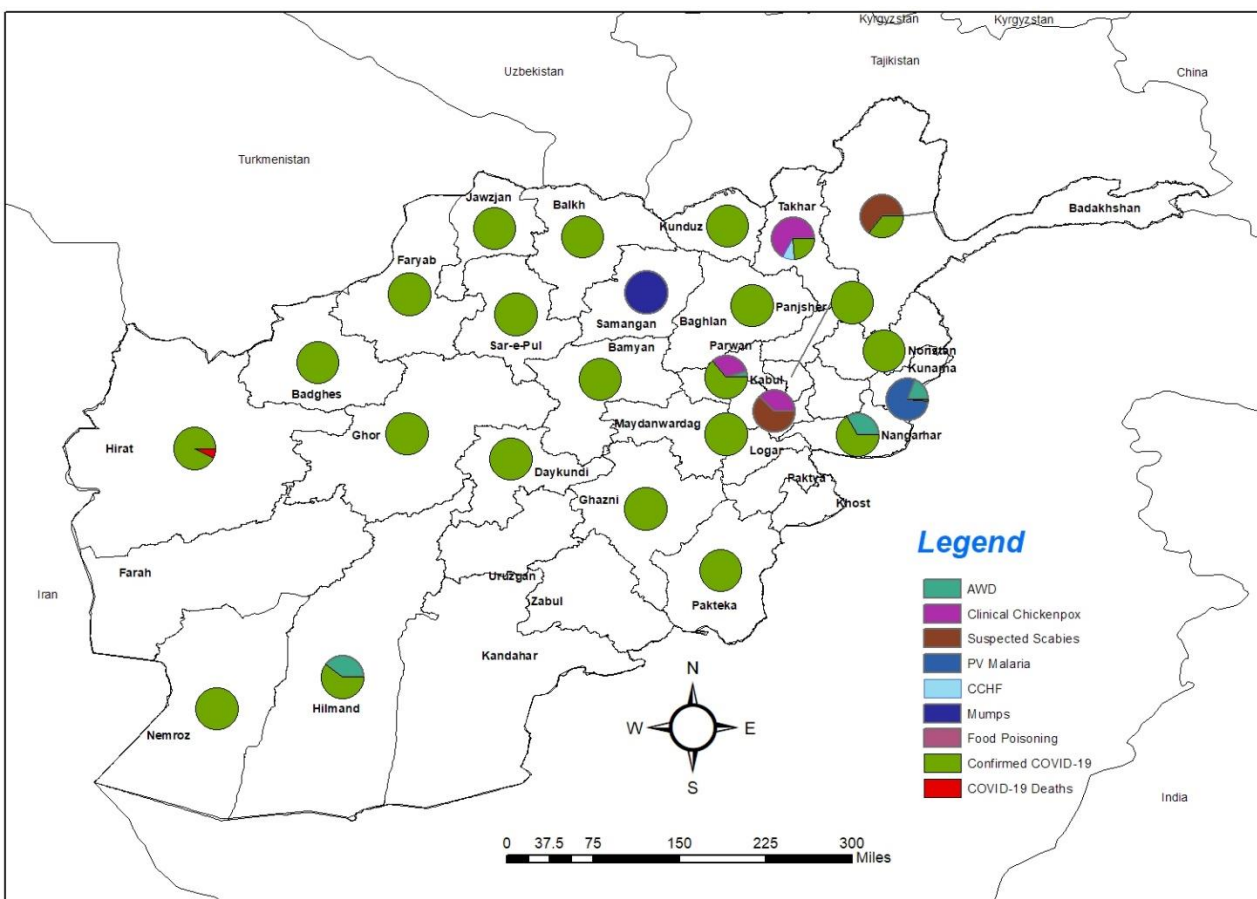
Suspected Measles outbreak from Wardak province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
16/08/2023	Wardak	Chak	Zoiah	10	0	During this week, 01 Suspected Measles outbreak was reported from Wardak province, and case management was done, health education session was conducted for all the cases.

Table 4: Updated outbreaks report during 2023 (01 Jan 2023 to 18 August 2023)

Disease/Event	Disease/Event	Lab Confirm	Total Cases	Total Deaths
Measles	170	103	2077	11
Suspected Chickenpox	154	4	2226	0
Scabies	128	0	5249	0
Mumps	50	0	801	0
Dog bites/Suspected Rabies	48	0	388	0
Pertussis	41	0	644	1
Pneumonia	28	1	1135	24
Malaria	14	13	1698	0
Leishmaniasis	11	2	914	0
CCHF	18	18	136	13
Food poisoning	13	0	619	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)	15	15	157	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	721	158	17431	57

Figure 4: AWD, Clinical Chickenpox, Clinical Scabies, PV Malaria, CCHF, Mumps, Food Poisoning and Covid-19 cases and deaths during the week 33rd 2023.



Laboratory surveillance:

A total of **4002** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **84** specimens were confirmed for Malaria, **25** specimens were confirmed for **Cholera**, **14** specimens were confirmed for **Measles**, 9 specimens were confirmed for specimens were confirmed for, **01** specimens were confirmed for **CCHF**, **2** specimens were confirmed for **Brucellosis**, (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 33rd 2023, we have received reports from 09 out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa and Paktya). Out of all new hospital admissions, 139 (4.1%) Severe Acute Respiratory Infections cases were reported and 52% were under 5 years old. The proportion of SARI cases was slightly increased compared to week 32nd 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 Kabul (27.0%), Bamyan (17.4%), and Baghlan (16%) provinces. During this Epi-week, our field staff shipped 24 SARI and 16 ILI specimens to the National Influenza Center (NIC)

COVID-19 Surveillance activities:

This week, **2146** specimens were tested for suspected COVID-19. Out of which **174** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 8.1 % this week, which decreased 0.8 % compared to the previous week.
- Out of **174 confirmed** cases, **586** contacts out of **143** 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 **34,853** 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 **307 (IBS)** measles cases were reported to the surveillance system.
- ARI cough and cold cases are on the increasing (0.1%) trend compared to the last week.
- ARI pneumonia cases are on the increasing (0.2%) trend compared to the last week.
- AWD cases are on the decreasing (0.5%) 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 **307 (IBS)** 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.