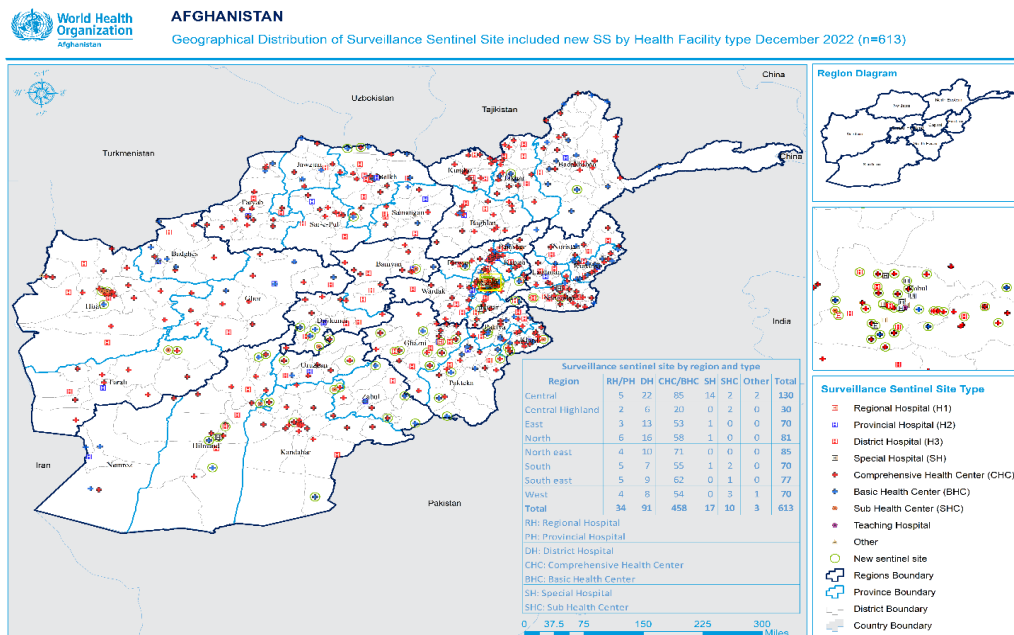


Summary:

- Out of **613** functional Surveillance sentinel sites, **610 (99.5%)** have submitted reports this week.
- A total of **703,589** new consultations, of which **263,626 (37.5%)** were due to Surveillance targeted diseases. That included **139,233 (52.8%)** males and **124,393 (47.2%) females**. Also, **127,304 (48.3%)** under five years old and **136,322 (51.7%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**140,430 = 20%** cases out of total new consultations), Acute Diarrheal Diseases (**91,996 =13.1%** cases out of total new consultations), and Pneumonia (**22,455 = 3.2%** cases out of total new consultations).
- A total of **234** deaths were reported this week, of which **61 (26%)** were due to surveillance-targeted diseases, which include **43 pneumonia** deaths, **07 COVID-19** deaths, **04 Suspected Meningitis/ Severely Ill Child** deaths, **05 Acute Watery Diarrhea (AWD)** with Dehydration deaths, **01 Suspected Hepatis** death and **01 Suspected Measles** death.
- In addition, during this week, **24** outbreaks were reported: (**06 Suspected Scabies** outbreaks were reported form **Paktia, Kabul, Kapisa, Kunduz, Nangarhar and Samangan** provinces, **05 Chickenpox** outbreaks were reported from **Kabul, Herat, Kunduz, Urozgan and Wardak** provinces, **04 Mumps** outbreaks were reported from Baghlan, Parwan and Takhar provicines, **03 confirmed Malaria** outbreaks were reported from **Kunar** and **Nangarhar** provinces, **02 Suspected Measles** outbreaks were reported form **Kabul** and **Nuristan** provinces, **01 Suspected CCHF** was reported from **Kabul** province, **01 Unknown Poisoning** outbreak was reported from **Farah** province, **01 Suspected Pertussis** was reported from **Kapisa** province and **01 Suspected Rabies** was reported form Kapisa province.
- Moreover, **522** COVID-19 confirmed cases and **593** Suspected **Measles** cases were reported at the national level.

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



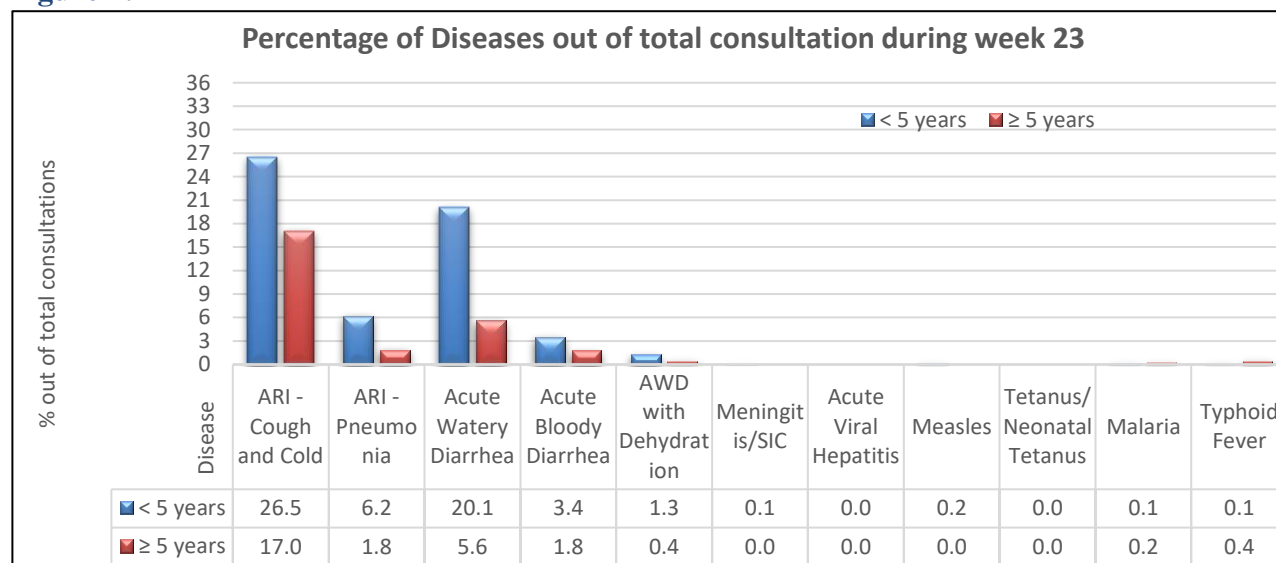
**Table 1: Coverage of NDSR Surveillance System**

Type of Health Facility	RH	PH	DH	CHC	BHC	NH/ Special Hospital	SHC	Other	Total
<b>Total Health Facilities (HF)</b>	8	27	91	437	900	36	1,106	2,093	4,698
<b>HF covered by NDSR-Plus</b>	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**

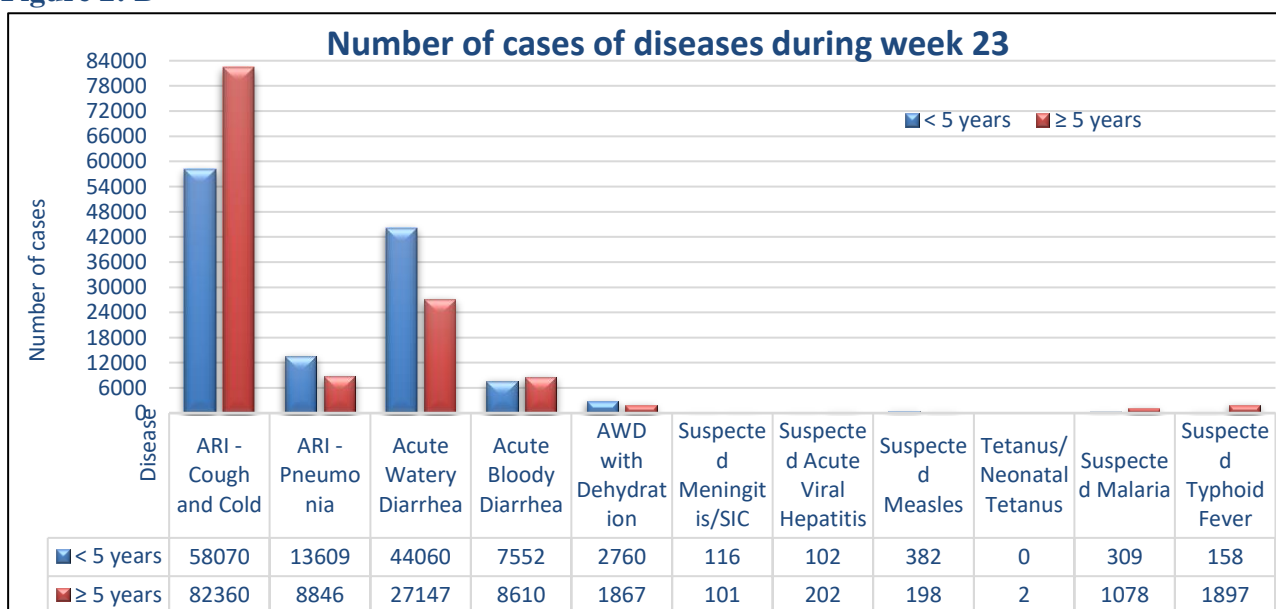


Table 2: IBS Cases and deaths due to VPDs by age group during week 23<sup>rd</sup> 2023

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	382	198	580	0	0	0	0.00

Seasonal Diseases:

Figure 3: A

Figure 3: B

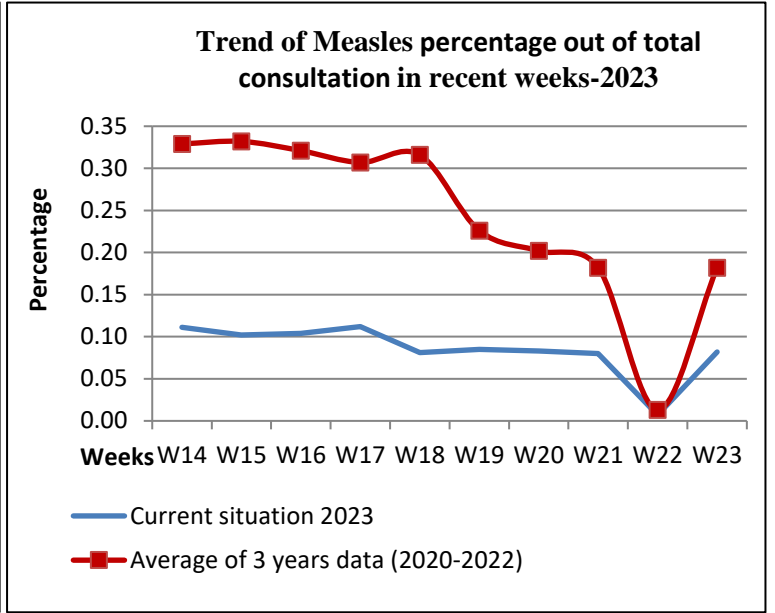
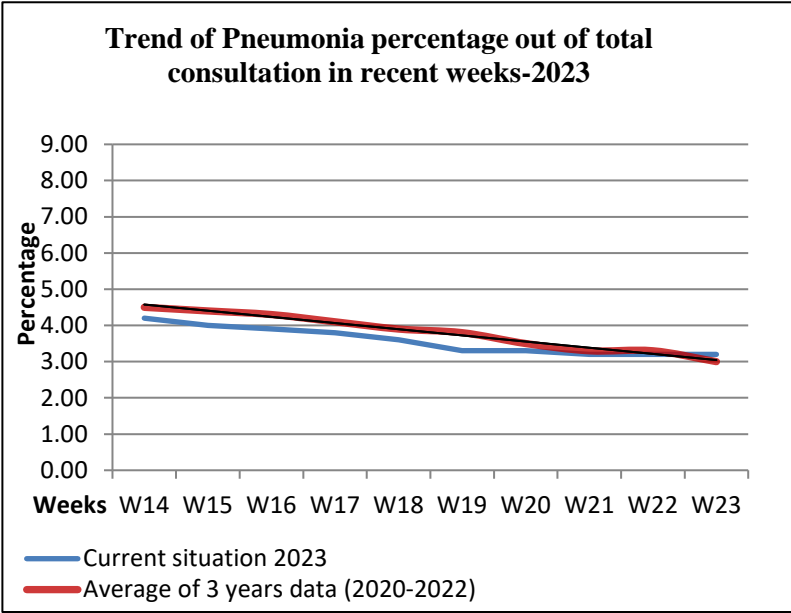
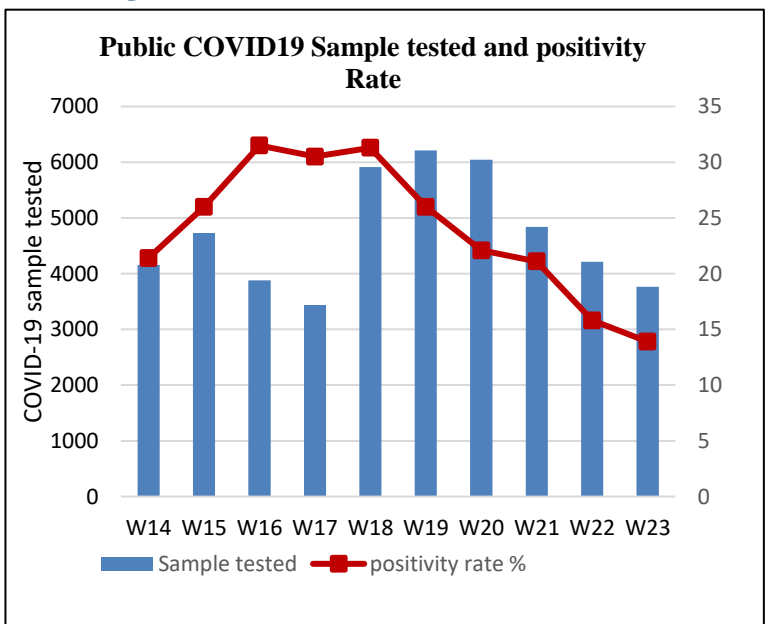
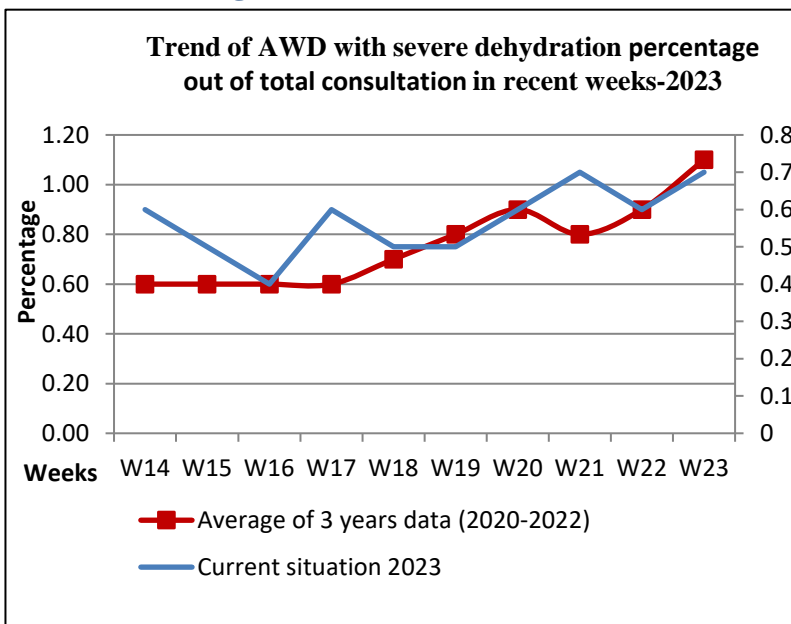


Figure 3: C

Figure 3: D



**Table 3: Outbreaks in week 23<sup>rd</sup> 2023:**

<b>Suspected Scabies outbreaks from Paktika, Kabul, Kapisa, Kunduz, Nangarhar and Samangan provinces</b>						
<b>Reported Dated</b>	<b>Province</b>	<b>District</b>	<b>Village</b>	<b>Total Cases</b>	<b>Total Deaths</b>	<b>Recommendation/Action take</b>
05/06/2023	Paktika	Sharan	Khawaja Khel	12	0	During this week, 06 Suspected Scabies Outbreaks were reported from Paktika, Kabul, Kapisa, Kunduz, Nangarhar and Samangan Provinces, and case management was done, health education sessions were conducted for all the cases.
09/06/2023	Kabul	Deh Sabz	Deh Yahya	11	0	
07/06/2023	Kapisa	Center	Qala-E-Said Khan	10	0	
03/06/2023	Kunduz	Dashti Archi	Darul Olum Hashimiyah Omaryah	73	0	
04/06/2023	Nangarhar	Chaparhar	Hedya Khil	50	0	
05/06/2023	Samangan	Prison	Female Prison	13	0	

<b>Suspected Chickenpox outbreaks from Kabul, Herat, Kunduz, Urozgan and Wardak Provinces</b>						
<b>Reported Dated</b>	<b>Province</b>	<b>District</b>	<b>Village</b>	<b>Total Cases</b>	<b>Total Deaths</b>	<b>Recommendation/Action take</b>
06/06/2023	Kabul	Deh Sabz	Deh Yahya	5	0	During this Week, 05 Suspected Chickenpox Outbreaks were reported from Kabul, Herat, Kunduz, Urozgan and Wardak Provinces, and case management was done. health education sessions were conducted for all the cases.
06/06/2023	Herat	Injil	Qafaslan	60	0	
02/06/2023	Kunduz	Ali Abad	Ragh Abad	17	0	
04/06/2023	Urozgan	Tarinkot	Khosh Khrab	11	0	
04/06/2023	Wardak	Said Abad	Haidar Khil	22	0	

<b>Suspected Mumps outbreak from Baghlan, Parwan and Takhar provinces</b>						
<b>Reported Dated</b>	<b>Province</b>	<b>District</b>	<b>Village</b>	<b>Total Cases</b>	<b>Total Deaths</b>	<b>Recommendation/Action take</b>
07/06/2023	Baghlan	Baghlan Markazi	Araba	8	0	During this week, 04 suspected Mumps outbreaks were reported from Baghlan, Parwan and Takhar provinces, and case management was done. Health education sessions were conducted for all the cases.
07/06/2023	Parwan	Bagram	Panch Qalla	13	0	
05/06/2023	Takhar	Baharak	Toraq Lalmi	15	0	
10/06/2023		Taluqan	Aahandarah	9	0	

### Confirmed Malaria outbreaks from Kunar and Nangarhar provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
06/06/2023	Kunar	Narang	Ghazi Mirzaman Khan CHC Catchment Area	71	0	During this Week, 03 Confirmed Malaria Outbreaks were reported from Kunar and Nangarhar Provinces, and case management was done, health education sessions were conducted for all the cases.
05/06/2023	Nangarhar	Kama	Kama DH	281	0	
07/06/2023		Ghanikhil	Ghanikhil DH Catchment Area	100	0	

### Suspected Measles outbreaks from Kabul and Nuristan provinces

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
07/06/2023	Kabul	District 7	Waseel Abad Chelsatoon	7	0	During this Week, 02 Suspected Measles Outbreaks were reported from Kabul and Nuristan provinces and case management was done. Health education sessions were conducted for all the cases
06/06/2023	Nuristan	Kamdish	Fuley Rustam	6	0	

### Lab confirmed CCHF Outbreak from Kabul Province

Reported dated	Province	District	Village	Total Cases	Total deaths	Occupation	Recommendation
08/06/2023	Kabul	District 1	Sare Chowck	3	1	Butcher	During this week, 01 Lab confirmed CCHF outbreak was reported from Kabul province, and case management was done. Health education session was conducted for all the cases.

### Unknown Poisoning outbreak from Farah province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
06/06/2023	Farah	Qala-E-Kah	Female Religious School of Naw Abad	93	0	During this week, 01 Unknown poisoning outbreak was reported from Farah province, and case management was done. Health education session was conducted for all the cases.

### Suspected Rabies outbreak from Kapisa province

Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
06/06/2023	Kapisa	Nijrab	Shir wani	5	0	During this week, 01 Suspected Rabies outbreak was reported from Kapisa province, and case management was done. Health education session was conducted for all the cases.

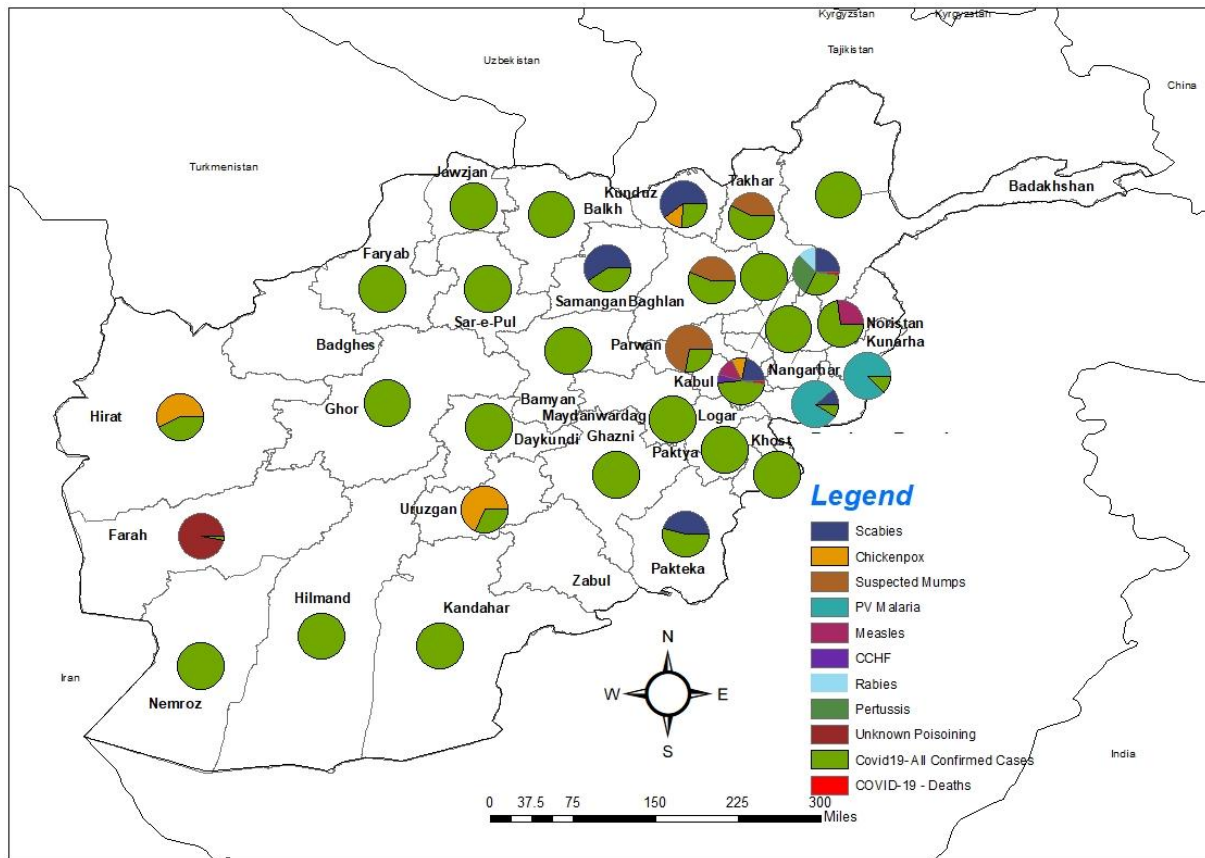
**Suspected Pertussis outbreak from Kapisa Province**

<b>Reported Dated</b>	<b>Province</b>	<b>District</b>	<b>Village</b>	<b>Total Cases</b>	<b>Total Deaths</b>	<b>Recommendation/Action take</b>
05/06/2023	Kapisa	Center	Haji Janat	12	0	During this week, 01 suspected 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 03 June2023)**

<b>Disease/Event</b>	<b>Count of Disease/Event</b>	<b>Sum of Lab Confirm</b>	<b>Sum of total Cases</b>	<b>Sum of Total Deaths</b>
Measles	153	99	1809	8
Suspected Chickenpox	117	4	2475	0
Scabies	101	1	4346	0
Mumps	46	3	658	0
Dog bites/Suspected Rabies	37	0	312	0
Pertussis	32	0	503	1
Pneumonia	28	1	1135	24
Leishmaniasis	9	1	788	0
Malaria	11	11	1128	0
CCHF	6	5	106	7
Food poisoning	5	0	55	0
Anthrax	3	0	3	0
Unknown Poisoning	3	0	178	0
Acute Bloody diarrhea	2	0	124	0
Typhoid Fever	2	0	39	0
ARI	2	0	113	2
Acute Viral Hepatitis	1	1	10	0
Skin diseases	1	0	545	0
Acute water Diarrhea (Dehydration)	1	1	1	0
Tetanus	1	0	3	0
Tinea Capitis	1	0	14	0
COVID 19	1	1	99	0
Dengue fever	1	0	2	1
<b>Grand Total</b>	<b>564</b>	<b>128</b>	<b>14446</b>	<b>43</b>

**Figure 4:** Clinical Scabies, Clinical Chickenpox, Suspected Mumps, Confirmed Malaria, Suspected Measles, Confirmed CCHF, Suspected Rabies / Dog bite, Clinical Pertussis, Unknown Poisoning and Covid-19 cases and deaths during the week 23<sup>rd</sup> 2023.



### Laboratory surveillance:

A total of **5506** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **522** specimens were confirmed for COVID-19, **45** specimens were confirmed for **Malaria**, **30** specimens were confirmed for **Measles**, **11** specimens were confirmed for **Acute Viral Hepatitis**, **05** specimens were confirmed for **Brucellosis**, **02** specimens were confirmed for **Dengue Fever** and 01 specimen was confirmed for Cholera(Follow-up by the CPHL is going on).

### Influenza Surveillance activities:

In Epidemiological Week 23<sup>rd</sup> 2023, we 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, 154 (4.0%) severe acute respiratory infection cases were reported, and 64% were under 5 years old. The proportion of SARI cases was slightly decreased compared to week 22th 2023. One SARI-associated death was reported this week. At the 09 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Baghlan (17%), Bamyan (14.9%), and Kabul (12%). 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, **3764** specimens were tested for suspected COVID-19. Out of which **522** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 13.9 % this week, which decreased 1,9 % compared to the previous week.
- Out of **522 confirmed** cases, **1580** contacts out of **383** 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 **45,519** passengers have been screened for COVID-19 at the points of entry in five provinces (Balkh, Herat, Nangarhar, Kandahar, and Nimroz).

### Challenges:

- CCHF cases are on increasing trend as a public health concern during this season
- Measles cases are still a public health concern in the country, this week **593** (IBS+EBS data) measles cases were reported to the surveillance system.
- ARI cough and cold cases are on decreasing trend compared to the last week
- ARI pneumonia cases are on same trend compared to the last week
- AWD cases are on the increasing compared to last week (0.7 %) trend compared to the last week
- Weak response system to outbreaks at the national level

### Recommendations:

- 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 **593** 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.