

Summary:

- Out of **613** functional Surveillance sentinel sites, **594 (96.9%)** have submitted reports this week.
- A total of **698,751** new consultations, of which **259,596 (37.2%)** were due to Surveillance targeted diseases. That included **138,725 (53.4%)** males and **120,871 (46.6%)** females. Also, **123,688 (47.6%)** under five years old and **135,908 (52.4%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**153,327 = 21.9%** cases out of total new consultations), Acute Diarrheal Diseases (**75,238 = 10.8%** cases out of total new consultations), and Pneumonia (**23,345 = 3.3%** cases out of total new consultations).
- A total of **245** deaths were reported this week, of which **66 (27%)** were due to surveillance-targeted diseases, which include **44 pneumonia** deaths, **05 COVID-19** deaths, **09 Suspected Meningitis/Severely Ill Child** deaths, **04 Acute Watery Diarrhea (AWD) with Dehydration** deaths, **01 Suspected Acute Viral Hepatitis** death, **01 Suspected Hemorrhagic Fever** death, **01 Pregnancy-related** death and **01 Suspected Measles** death.
- In addition, during this week, **24** outbreaks were reported: (**07 Clinical Chickenpox** outbreaks were reported from **Baghlan, Faryab, Ghor, Kunduz, Nangarhar, Wardak and Zabul** provinces, **06 Clinical Scabies** outbreaks were reported from **Faryab, Khost, Kunduz, Logar, Nangarhar and Wardak** provinces, **04 Suspected Measles** outbreaks were reported from **Bamyan, Nuristan, Paktika and Parwan** provinces, **04 Confirmed Malaria** increment outbreaks were reported from different districts of **Kunar** Province, **01 Clinical Pertussis** outbreak was reported from **Zabul** province, **01 COVID-19** outbreak was reported from **Bayman** province and **01 Unknown poisoning** outbreak was reported from **Kunar** Province.
- Moreover, **1646** COVID-19 confirmed cases and **646** Suspected **Measles** cases were reported at the national level.

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

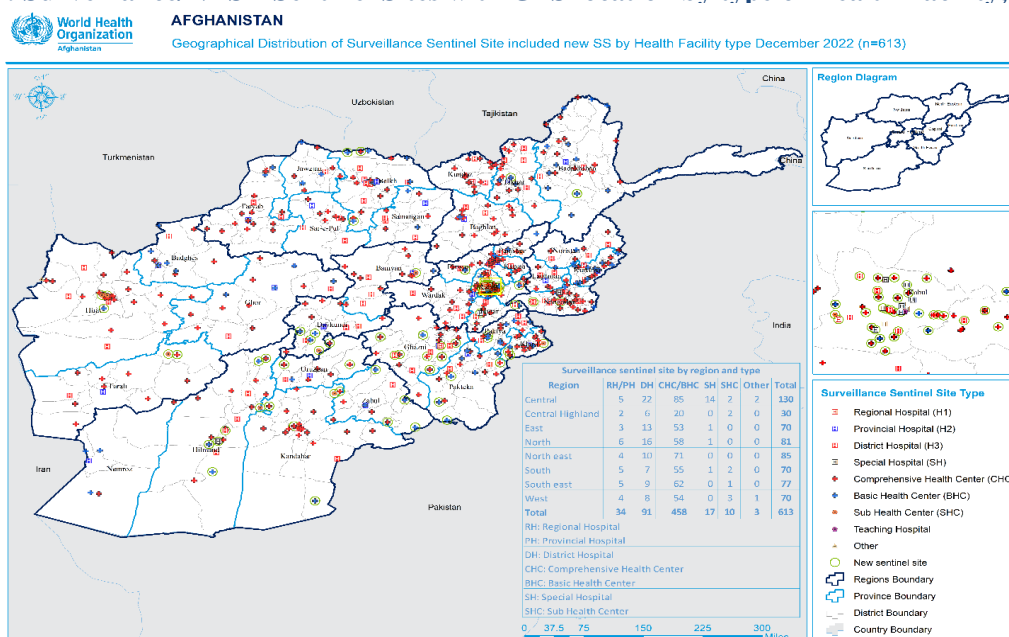


Table 1: Coverage of NDSR Surveillance System

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

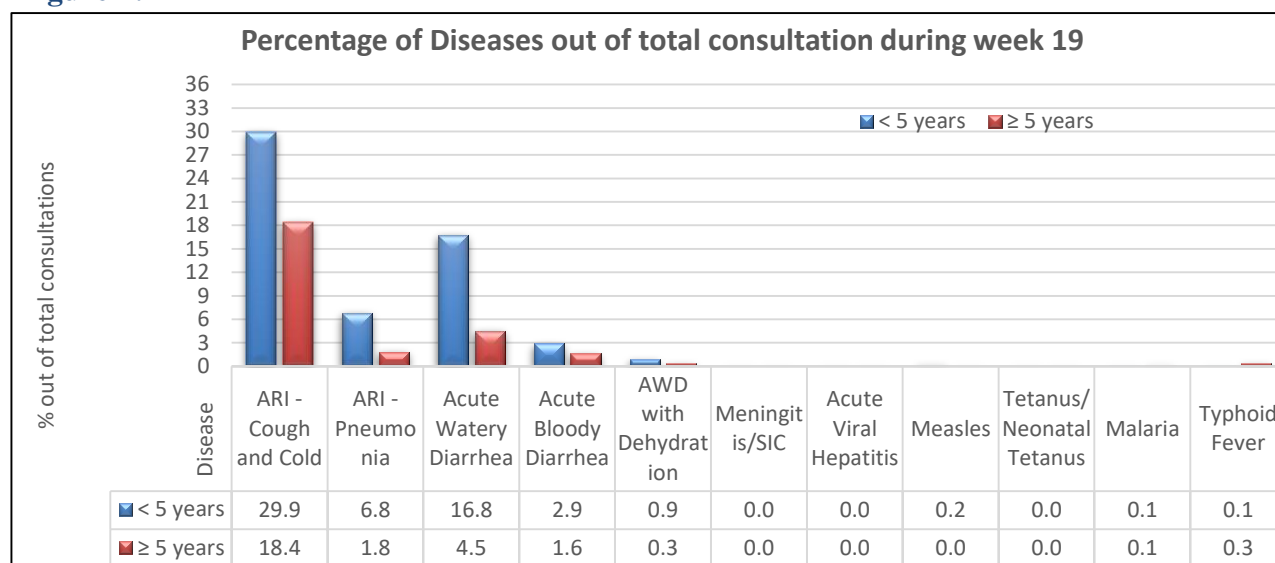


Figure 2: B

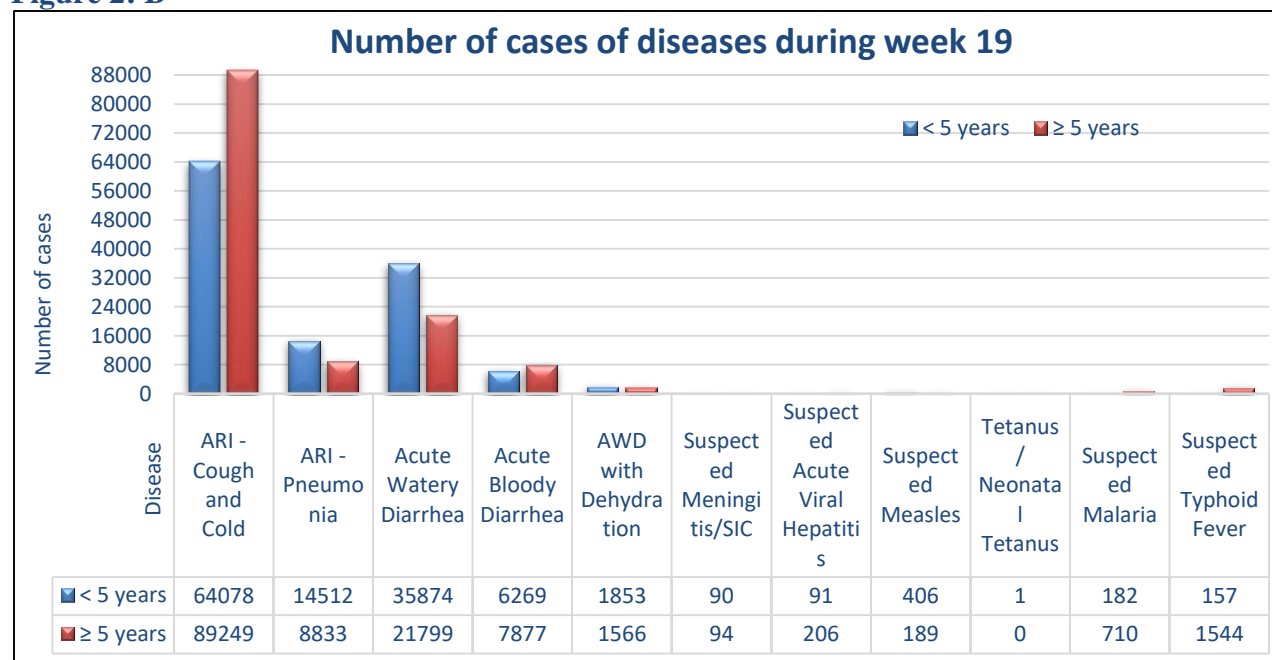


Table 2: IBS Cases and deaths due to VPDs by age group during week 19th 2023

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	406	189	595	1	0	1	0.17

Seasonal Diseases:

Figure 3: A

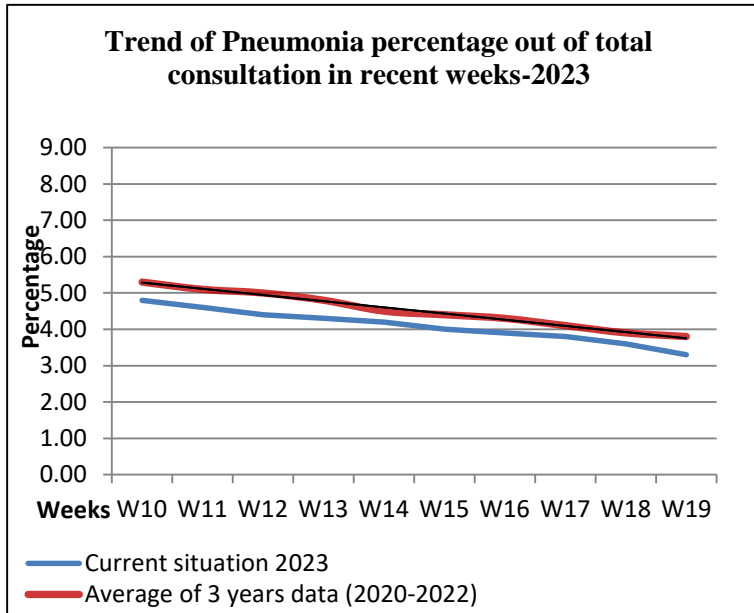


Figure 3: B

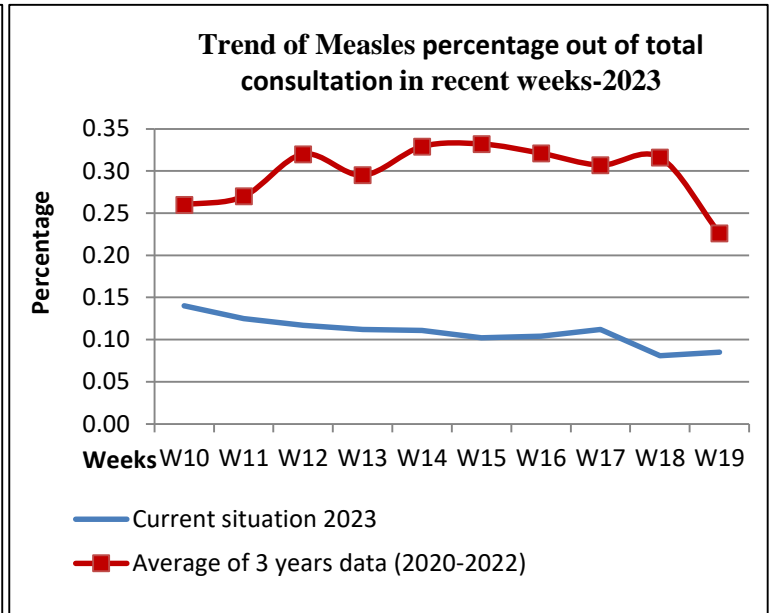


Figure 3: C

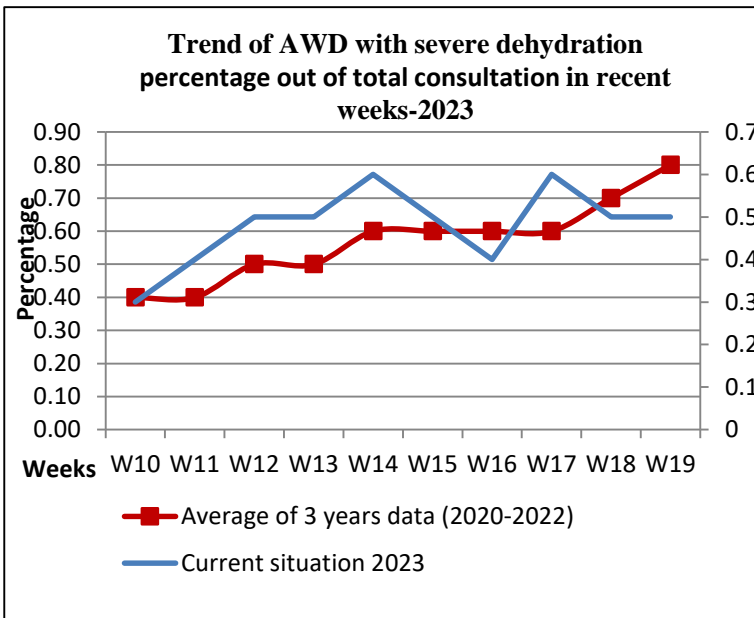


Figure 3: D

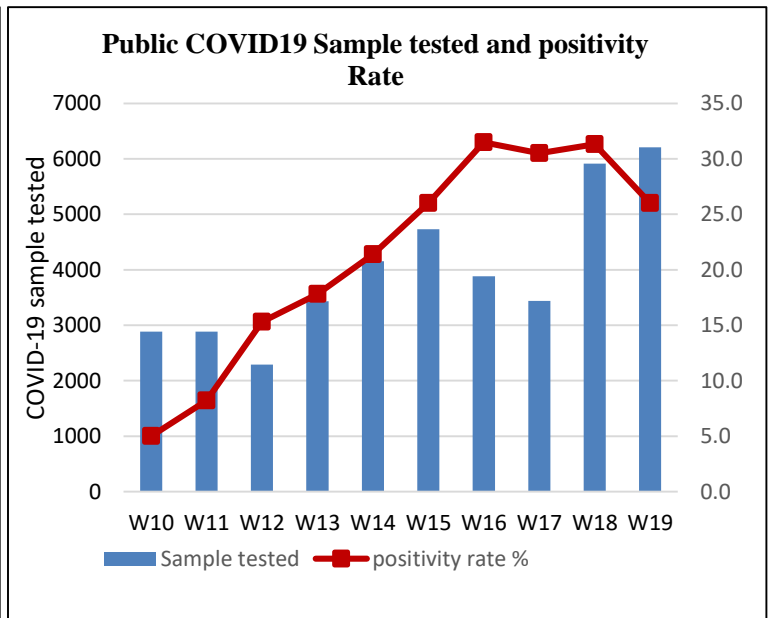


Table 3: Outbreaks in week 19th 2023:

Suspected Chickenpox outbreaks from Baghlan, Faryab, Ghor, Kunduz, Nangarhar, Wardak and Zabul provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
09/05/2023	Baghlan	Puli Khumeri	Khanjar Abad	8	0	During this week, 07 suspected Chickenpox outbreaks were reported from Baghlan, Faryab, Ghor, Kunduz, Nangarhar, Wardak and Zabul provinces, and case management was done. Health education sessions were conducted for all the cases.
07/05/2023	Faryab	Chehlغازي	Ferozi	12	0	
11/05/2023	Ghor	Morghab	Shardis	16	0	
07/05/2023	Kunduz	Emam Sahib	Halqa Kool	13	0	
09/05/2023	Nangarhar	Agam	Pacheer High School	26	0	
10/05/2023	Wardak	Chak	Goda	23	0	
12/05/2023	Zabul	Share-Safa	Shokhak	52	0	

Suspected Scabies outbreaks from Faryab, Khost, Kunduz, Logar, Nangarhar and Wardak provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
07/05/2023	Faryab	Chehlغازي	Ashab E Kahf	10	0	During this Week, 06 Suspected Scabies Outbreaks were reported from Faryab, Khost, Kunduz, Logar, Nangarhar, Wardak Provinces, and case management was done, health education sessions were conducted for all the cases.
09/05/2023	Khost	Matoon (center)	Khost Prison	35	0	
05/05/2023	Kunduz	Emam Sahib	Qara Kotarma	28	0	
08/05/2023	Logar	Puli Alam	Shahrak Mamorin	8	0	
09/05/2023	Nangarhar	Agam	Pacheer High School	58	0	
09/05/2023	Wardak	Chak	Kachagho	42	0	

Suspected Measles outbreaks from Bamyan, Nuristan, Paktika and Parwan provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
06/05/2023	Nuristan	Douab	Sorach	09	0	During this Week, 04 Suspected Measles Outbreaks were reported from Bamyan, Nuristan, Paktika and Parwan Provinces, and case management was done. health education sessions were conducted for all the cases.
07/05/2023	Parwan	Charikar	Balaghail	09	0	
08/05/2023	Bamyan	Panjab	Band-e_Sang Gandab	26	0	
09/05/2023	Paktika	Khair Kot	Sarwanda	07	0	

Confirmed Malaria increment outbreaks from Kunar province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
08/05/2023	Kunar	Watapoor	Watapoor BHC	102	0	During this week, 04 Confirmed Malaria Increment outbreaks were reported from different districts of Kunar province, and case management was done. Health education sessions were conducted for all the cases.
08/05/2023		Shigal	Shigal BHC	109	0	
08/05/2023		Ghaziabad	Nishagam CHC	107	0	
08/05/2023		Dara-E-Pach	Manogai DH	154	0	

COVID-19 outbreak from Bamyan province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
07/05/2023	Bamyan	Shebar	Dare Jalmish	99	0	During this week, 01 COVID-19 outbreak was reported from Bamyan province, and case management was done. Health education session was conducted for all the cases.

Suspected Pertussis outbreak from Zabul province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
12/5/2023	Zabul	Siory	Kakaran	12	0	During this week, 01 suspected Pertussis outbreak was reported from Zabul province, and case management was done. Health education session was conducted for all the cases.

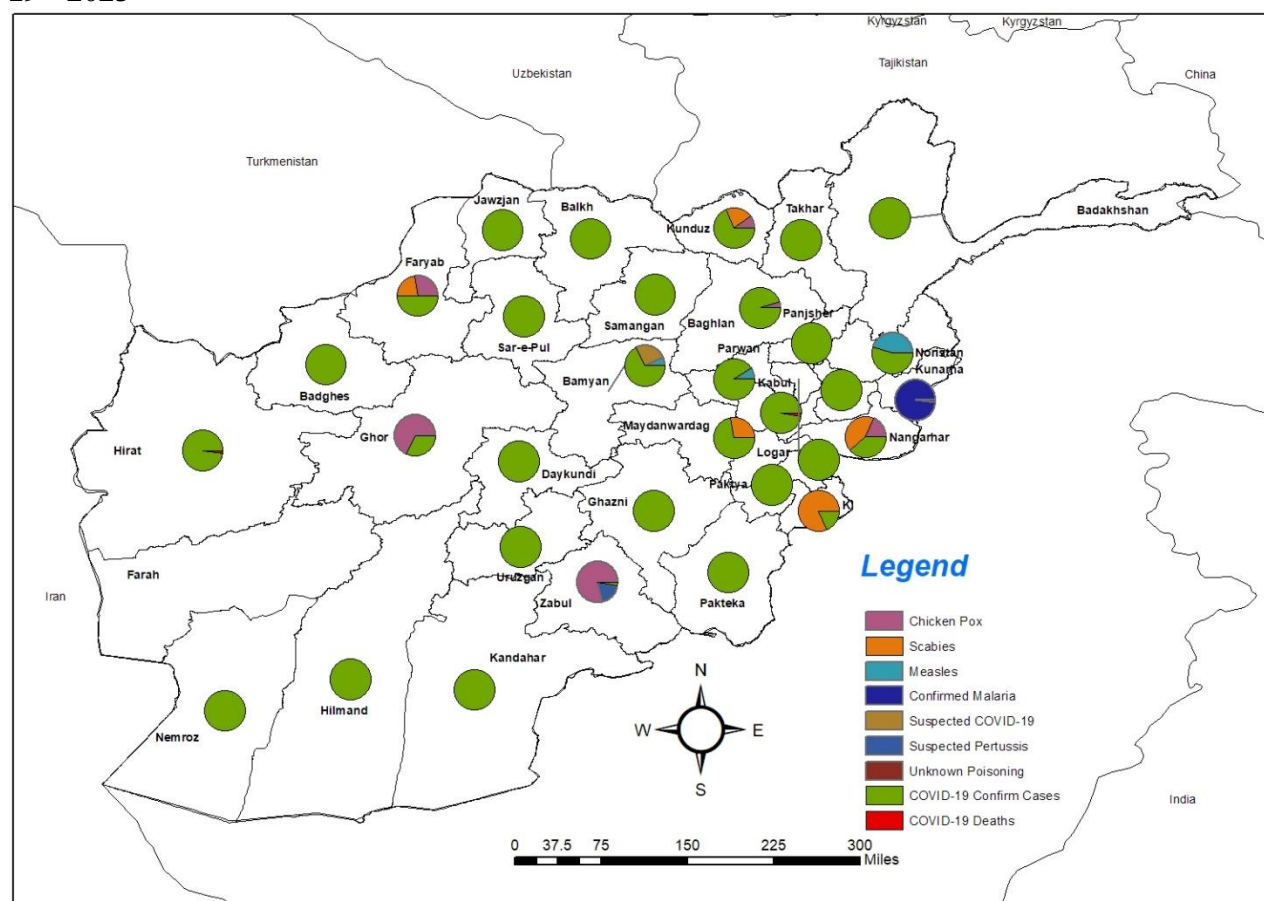
Unknown Poisoning outbreak from Kunar province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
12/05/2023	Kunar	Narang	Narang Bila	10	0	During this week, 01 Unknown Poisoning outbreak was reported from Kunar province, and case management was done. A health education session was conducted for all the cases.

Table 4: Updated outbreaks report during 2023 (01 Jan 2023 to 13 May 2023)

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	135	38	1614	6
CCHF	2	2	41	2
Dog bites/Suspected Rabies	30	0	257	0
Pertussis	24	0	344	1
Acute Watery Diarrhea	0	0	0	0
Bloody Diarrhea	2	0	124	0
Food Poisoning	2	0	21	0
Unknown Poisoning	1	0	10	0

Scabies	72	0	2651	0
Chickenpox	85	1	2049	0
Leishmaniosis	7	0	686	0
Cat bite suspected rabies	0	0	0	0
Mumps	35	0	481	0
Diphtheria	0	0	0	0
Pneumonia	29	1	1074	24
ARI Cough and cold	1	0	24	0
Dengue fever	1	0	1	1
Skin disease	2	0	596	0
Anthrax	3	0	3	0
Confirmed Malaria	4	0	472	0
Acute Viral Hepatitis (AVH)	1	0	10	0
Suspected Typhoid fever	2	0	36	0
COVID-19	1	1	10901	65
Grand Total	439	43	21395	99

Figure 4: Lab confirmed Chickenpox, Scabies, CCHF, Confirmed Malaria, Suspected Covid-19, Suspected Pertussis, Unknown poisoning and Covid-19 cases and deaths during the week 19th 2023



Laboratory surveillance:

A total of **7529** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **1646** specimens were confirmed for COVID-19, **27** specimens were confirmed for **Measles**, **01** specimens were confirmed for **CCHF**, **13** specimens were confirmed for **Malaria**, **04** specimens confirmed for **Cholera** and **04** specimens were confirmed for **Brucellosis**. (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 19th 2023, we received epidemiological 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 (3.8%) Severe Acute Respiratory Infections cases were reported and 61% were under 5 years old. The proportion of SARI cases slightly decreased compared to week 18th 2023. Two 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 (18%), Kapisa (12.7%), and Baghlan (10%) provinces. During this Epi-week, our field staff shipped 33 SARI (including 6 additional samples from the non-site in Bamyan province) and 18 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **6280** specimens were tested for suspected COVID-19. Out of which **1646** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 26.2 % this week, which decreased 5 % compared to the previous week.
- Out of **1646** confirmed cases, **4036** contacts out of **1015** 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 **66,285** passengers have been screened for COVID-19 at the points of entry in five provinces (Balkh, Herat, Nangarhar, Kandahar, and Nimroz).

Challenges:

- Measles cases are still a public health concern in the country, this week **646** (IBS+EBS data) measles cases were reported to the surveillance system.
- ARI cough and cold cases are on decreasing (0.8 %) trend compared to the last week
- ARI pneumonia cases are on a decreasing (0.3 %) trend compared to the last week
- AWD cases are on the increasing compared to last week (0.1 %) trend compared to the last week
- Weak response system to outbreaks at the national level

Recommendations:

- 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 in order to respond to the current measles epidemic situation.
 - **EPI:** As the surveillance system detected **646** 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.