

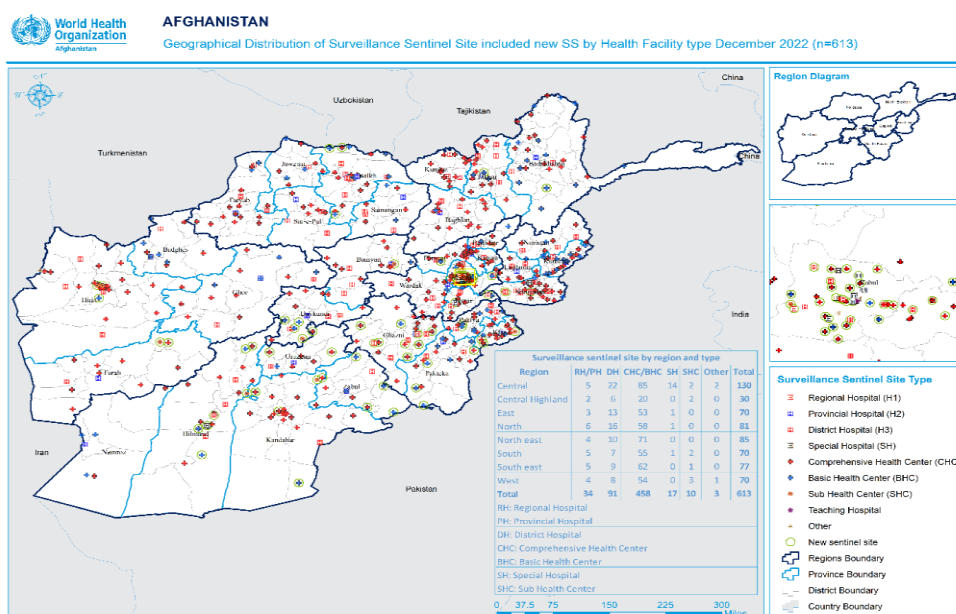
Summary:

- Out of **613** functional Surveillance sentinel sites, **597 (97.4%)** have submitted reports this week.
- A total of **692,702** new consultations, of which **263,432 (38%)** were due to Surveillance targeted diseases. That included **140,995 (53.5%)** males and **122,437 (46.5%) females**. Also, **124,471 (47.2%)** under five years old and **138,961 (52.8%)** five years old and over were reported this week.
- The main causes of consultations this week were ARI Cough & Cold (**156,976 = 22.7%** cases out of total new consultations), Acute Diarrheal Diseases (**73,879 = 10.7%** cases out of total new consultations), and Pneumonia (**24,747 = 3.6%** cases out of total new consultations).
- A total of **226** deaths were reported this week, of which **68 (30.1%)** were due to surveillance-targeted diseases, which include **50 pneumonia** deaths, **08 COVID-19** deaths, **05 Suspected Meningitis/Severely Ill Child** deaths, **03 Acute Watery Diarrhea (AWD) with Dehydration** deaths, **01 Suspected Acute Viral Hepatitis** deaths and **01 Suspected Measles** death.
- In addition, during this week, **15** outbreaks were reported: (**06 Suspected Scabies** outbreak were reported from **Kunar, Kunduz and Nangarhar** Provinces, **04 Suspected Chickenpox** outbreaks were reported from **Farah, Herat, Nimroz and Paktika** Provinces, **02 Leishmania** outbreaks were reported from **Badakhshan and Kandahar** provinces, **01 Dog bites/ Suspected Rabies** was reported from **Badakhshan** province, **01 Suspected Pertussis** outbreak was reported from **Ghor** Province, **01 Clinical Mumps** outbreak was reported from **Kunduz** province).
- Moreover, **1855** COVID-19 confirmed cases, **564** Suspected **Measles** cases were reported at national level.

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

Table

of



1:

Coverage
NDSR

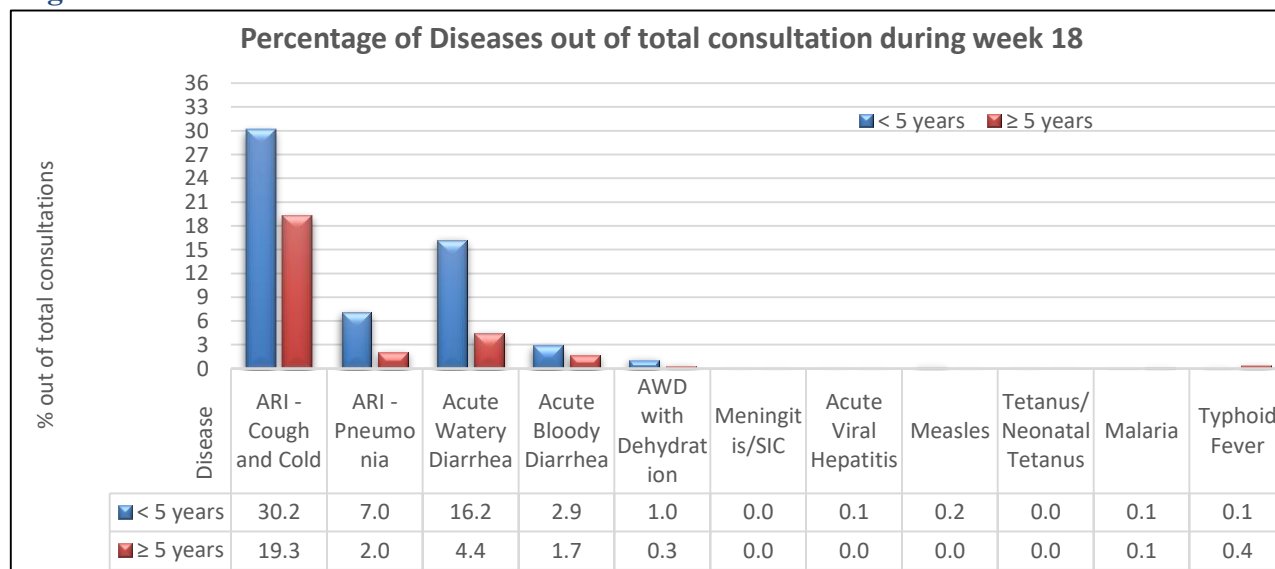
Surveillance System

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



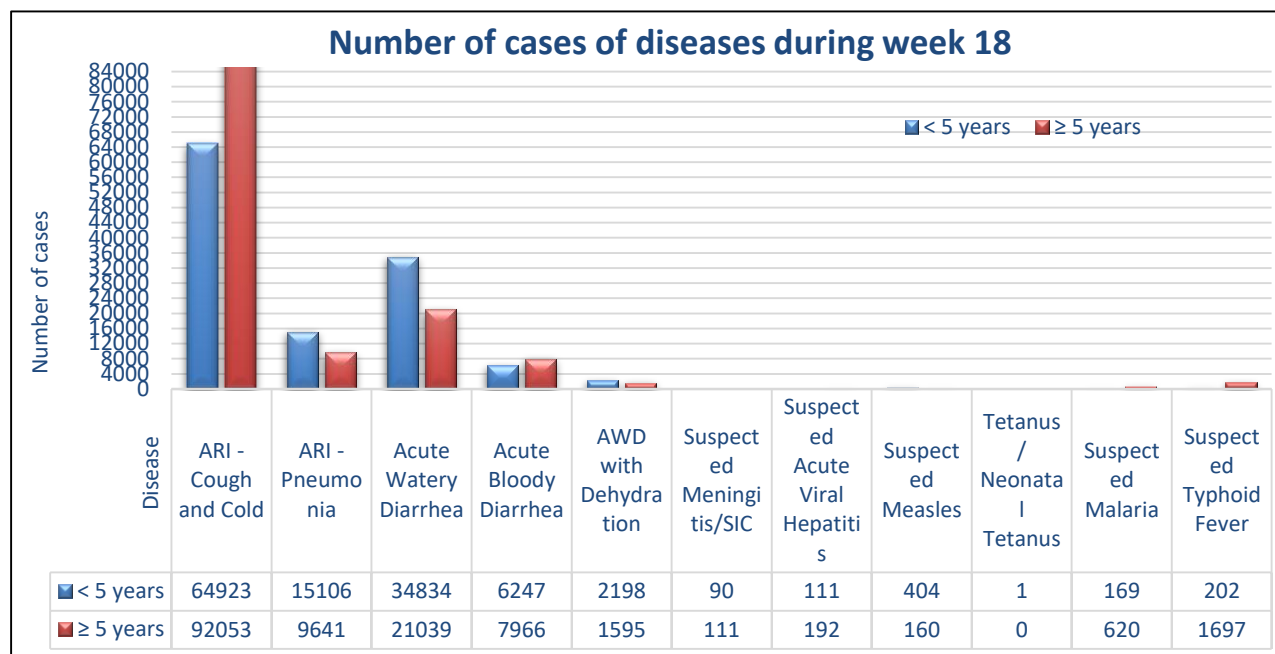


Figure 2: B

Table 2: IBS Cases and deaths due to VPDs by age group during week 18th 2023

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	404	160	564	1	0	1	0.18

Seasonal Diseases:

Figure 3: A

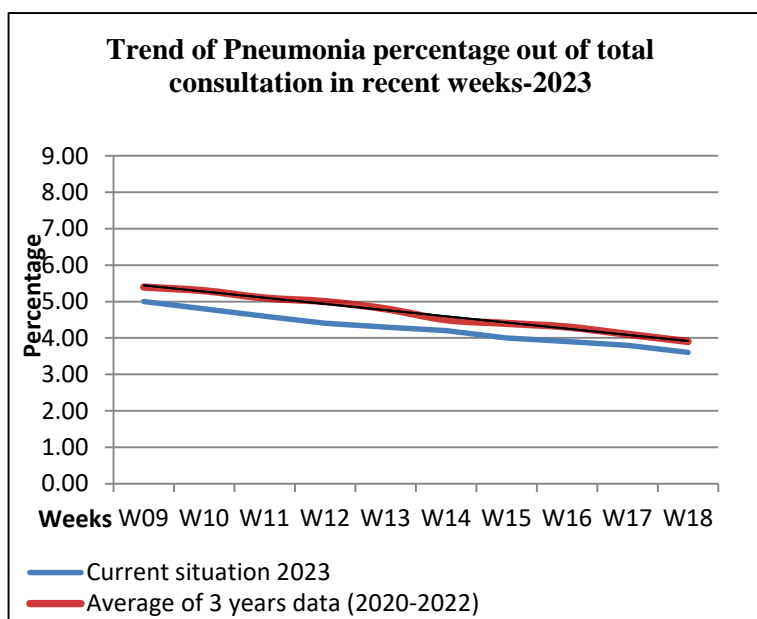


Figure 3: B

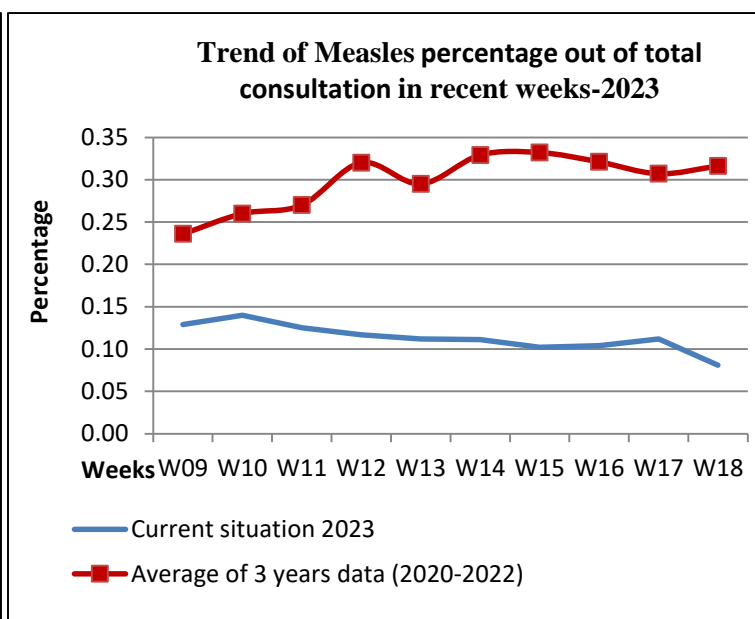


Figure 3: C

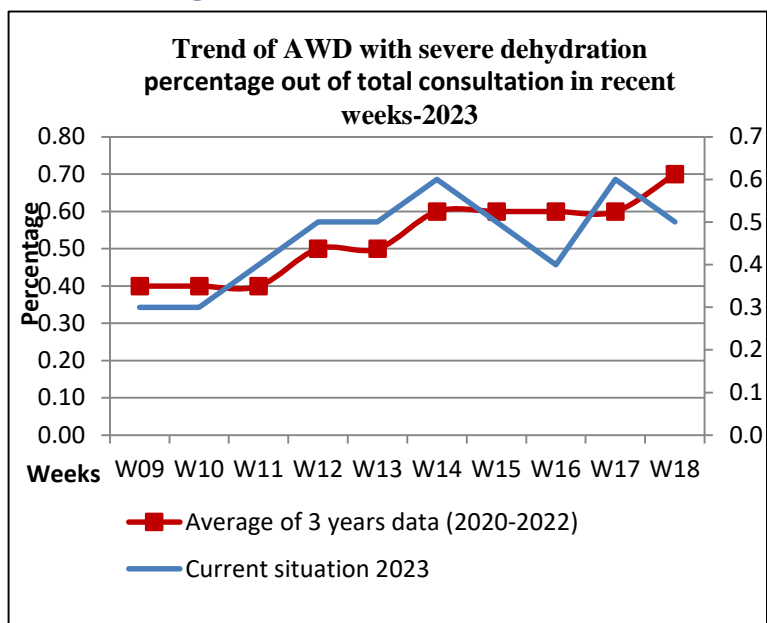
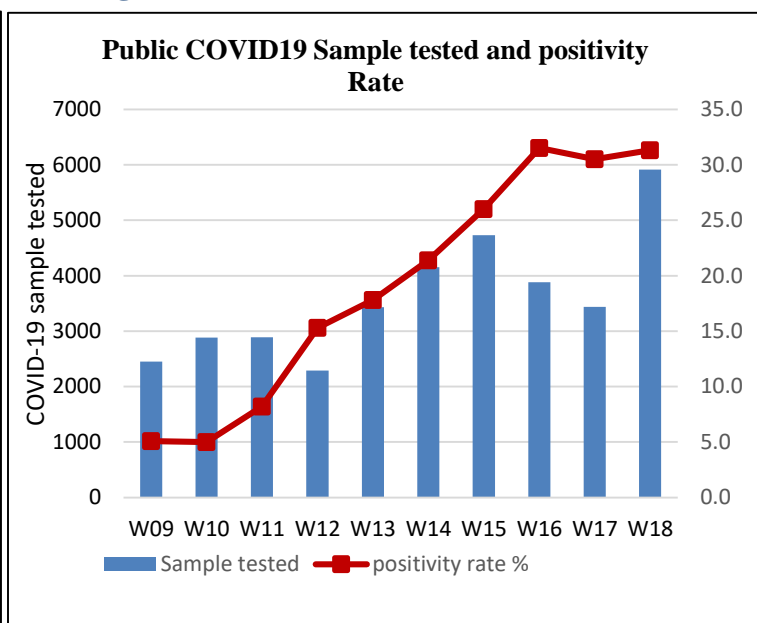


Figure 3: D

Table 3: Outbreaks in week 18th 2023:

Suspected Scabies outbreaks from Kunar, Kunduz and Nangarhar provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
03/05/2023	Kunar	Narang	Said Jamaludin Rozanton	34	0	During this week, 06 suspected Scabies outbreaks were reported from Kunar, Kunduz and Nangarhar provinces, and case management was done. Health education sessions were conducted for all the cases.
03/05/2023	Kunduz	Kunduz	Kunduz Prison	23	0	
30/04/2023	Nangarhar	Chaprihar	Solozo	104	0	
01/05/2023		Ghanikhil	29th Canal	14	0	
01/05/2023		sorkhroad	Koz Shikhmeri	86	0	
02/05/2023		Behsood	Saracha Ali Khan	102	0	

Suspected Chickenpox outbreaks from Farah, Herat, Nimruz and Paktika provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take

01/05/2023	Farah	Farah Rood	Dawlat Abad	11	0	During this week, 02 suspected Chickenpox outbreaks were reported from Farah, Herat, Nimroz and Paktika provinces, and case management was done. Health education sessions were conducted for all the cases.
03/05/2023	Herat	Injil	Qaleh Qazi	49	0	
06/05/2023	Nimroz	Kang	Sujastani school	10	0	
02/05/2023	Paktika	Sharan	Kotwal	12	0	

Leishmania outbreaks from Badakhshan and Kandahar provinces						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
01/05/2023	Badakhshan	Argo	Turuq	104	0	During this week, 02 Leishmania outbreaks were reported from Badakhshan and Kandahar provinces, and case management was done. Health education sessions were conducted for all the cases.
06/05/2023	Kandahar	Mosa-Qalah	Nawie-Dasht	8	0	

Dog Bite / Suspected Rabies outbreaks from Badakhshan province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
01/05/2023	Badakhshan	Baharak	Dashtefarakh	3	0	During this week, 01 suspected Rabies outbreak was reported from Badakhshan province, and case management was done. Health education session was conducted for all the cases.

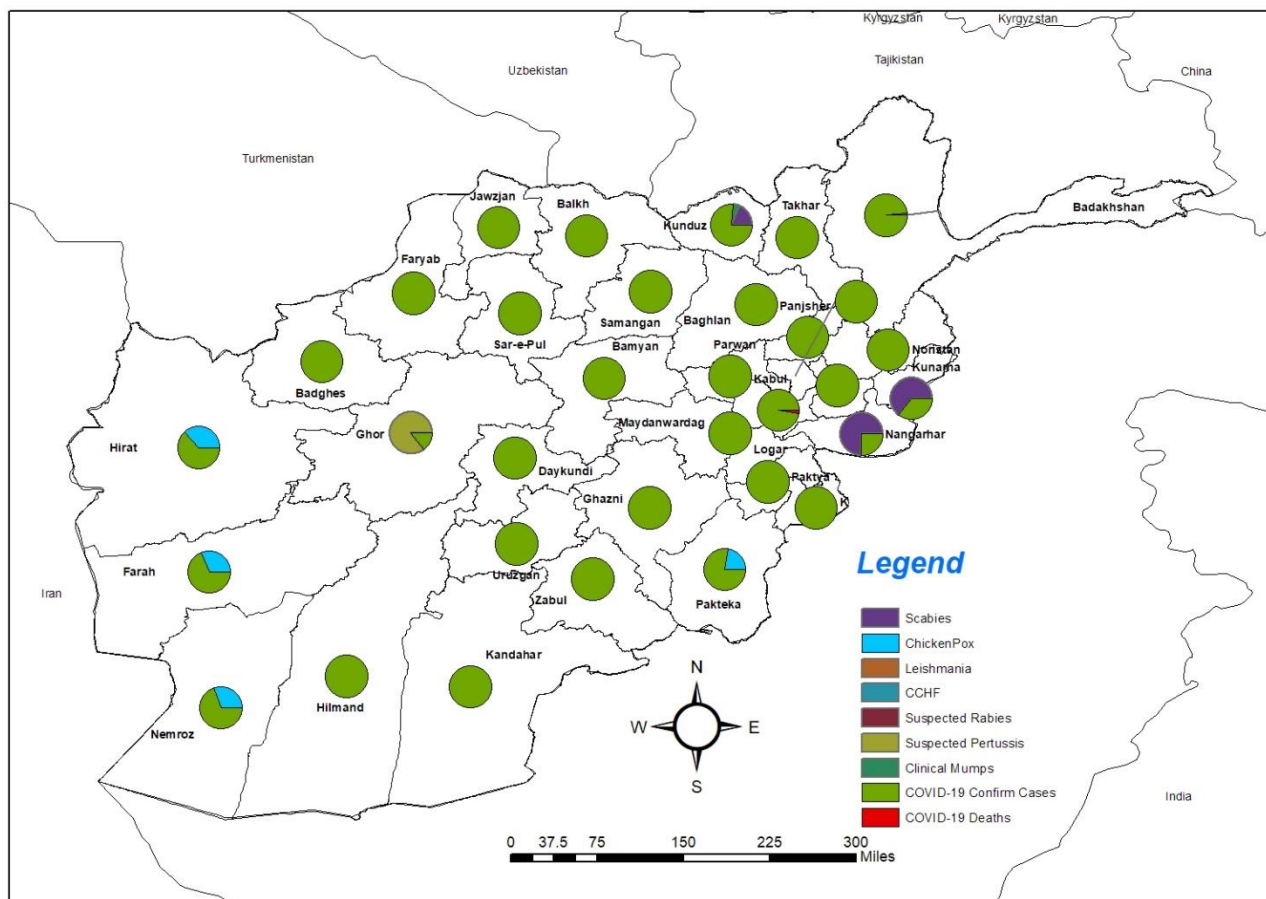
Suspected Pertussis outbreak from Ghor province						
Reported Dated	Province	District	Village	Total Cases	Total Deaths	Recommendation/Action take
30/4/2023	Ghor	Taywara	Poshtai, Dahtay , Chashma Miran and Sartay	52	0	During this week, 01 suspected Pertussis outbreak was reported from Ghor province, 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
03/05/2023	Kunduz	Chahardara	Arab Qasim	6	0	During this week, 01 Clinical Mumps outbreak was reported from Kunduz 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 06 May 2023)

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	131	38	1563	6
CCHF	2	0	41	2
Dog bites/Suspected Rabies	30	0	257	0
Pertussis	23	0	332	1
Acute Watery Diarrhea	0	0	0	0
Bloody Diarrhea	2	0	124	0
Food Poisoning	2	0	21	0
Unknown Poisoning	0	0	0	0
Scabies	66	0	2470	0
Chickenpox	78	1	1899	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	0	0	0	0
Acute Viral Hepatitis (AVH)	1	0	10	0
Suspected Typhoid fever	2	0	36	0
COVID-19	1	1	9241	60
Grand Total	416	41	18859	94

Figure 4: Lab confirmed Scabies, Chickenpox, Leishmania, Dog bites/ Suspected Rabies, Suspected Pertussis, Clinical Mumps and Covid-19 cases and deaths during the week 18th 2023.



Laboratory surveillance:

A total of **7336** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **1855** specimens were confirmed for COVID-19, **10** specimens were confirmed for **Acute Viral Hepatitis**, **40** specimens were confirmed for **Measles**, **06** specimens were confirmed for **CCHF**, **09** specimens were confirmed for **Malaria**, **03** specimens confirmed for **Cholera** and **02** specimens were confirmed for **Brucellosis**. (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological Week 18 of 2023, we received reports from 09 out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamiyan, Baghlan, Nangarhar, Kapisa and Paktia). Out of all new hospital admissions, 120(4.7%) Severe Acute Respiratory Infections cases were reported, and 58% were under 5 years old. The proportion of SARI cases slightly increased compared to week 17 of 2023. Two SARI-associated deaths were reported this week. At the nine provincial levels, the top sentinel sites with the highest proportion of SARI cases were Bamiyan (23.1%), Kabul (23%), and Kapisa (12.4%) provinces. During this Epi-week, our field staff shipped 24 SARI (due to some problems, the Qandahar site hasn't reported their sample and data) and 16 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

This week, **5911** specimens were tested for suspected COVID-19. Out of which **1855** specimens were confirmed for COVID-19 by RT-PCR.

- The COVID-19 case positivity rate was 31.3% this week, which decreased 0.9% compared to the previous week.
- Out of **1855** confirmed cases, **4794** contacts out of **1227** 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 **70923** 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 **564** (IBS+EBS data) measles cases were reported to the surveillance system.
- ARI cough and cold cases are on decreasing (05%) trend compared to the last week
- ARI pneumonia cases are on a decreasing (0.2%) trend compared to the last week
- AWD cases are on the decrease compared to last week (0.2%) due to climate change in this season
- 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 **564** 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.