

National Disease Surveillance & Response (NDSR)

NDSR Weekly Epidemiological Report 24th

Date: 12-18/06/2022

Summary:

- Out of 519 functional Surveillance sentinel sites, 498 (96%) have submitted reports this week.
- A total of 569,088 new consultations, 219,684 (38.6%) were due to Surveillance targeted diseases. That included 116,760 males (53.1%) and 102,924 females (46.9%). Also, 105,579 (48.1%) under five years old and 114,105 (51.9%) five years old and over, reported this week.
- The main causes of consultations this week were ARI Cough & Cold, 99,892 cases (17.6%) out of total new consultations, Acute Diarrheal Diseases 90,965 cases (16%) out of total new consultations, and Pneumonia, 17,066 cases (3%) out of total new consultations.
- A total of 215 deaths were reported this week, of which 51 deaths (23.7%) were due to Surveillance targeted diseases deaths, which include 32 Pneumonia deaths, 09 Suspected Measles deaths, 04 Acute Watery Diarrhea (AWD) with Dehydration deaths, 03 COVID-19 deaths, 02 Suspected Acute Viral Hepatitis deaths and 01 Pregnancy-related death.
- A total of **1,886** Measles suspected cases with **12** deaths were reported in this week.
- In addition, during this week 23 outbreaks (15 **suspected CCHF** cases were reported from Kapisa, Jawzjan, Balkh, Faryab, Herat and Kunduz provinces, 03 **suspected Measles** outbreaks were reported from Kapisa, Nuristan and Sar-i-pul provinces, 02 **Suspected Pertussis** outbreaks were reported from Baghlan and Kapisa provinces. 01 **Food poisoning** outbreak was reported from Kandahar province, 01 **clinical Scabies** outbreak was reported from Wardak province and 01 **AWD outbreak** was reported from Kandahar province.
- Moreover, **519** COVID-19 confirmed cases were reported at the national level.

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

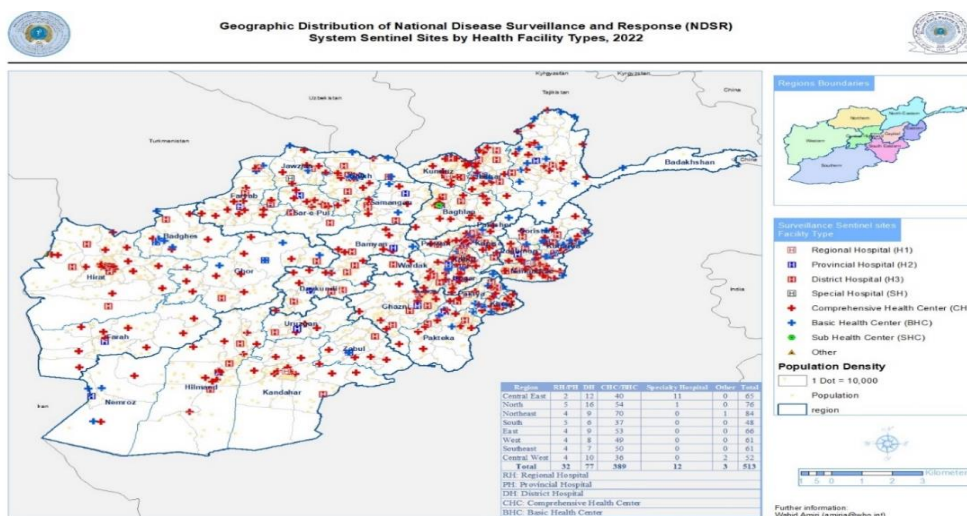


Table 1: Coverage of NDSR Surveillance System

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	6	25	80	310	80	13	1	4	519

Indicator - based Surveillance (IBS):

The indicator-based surveillance component of NDSR report 17 priority conditions/infectious diseases from sentinel sites on weekly bases. The data is compared with previous weeks and the corresponding weeks of previous years and the alert and epidemic threshold is checked to see if disease incidence has crossed these levels and necessary action is initiated.

Figure 2: A

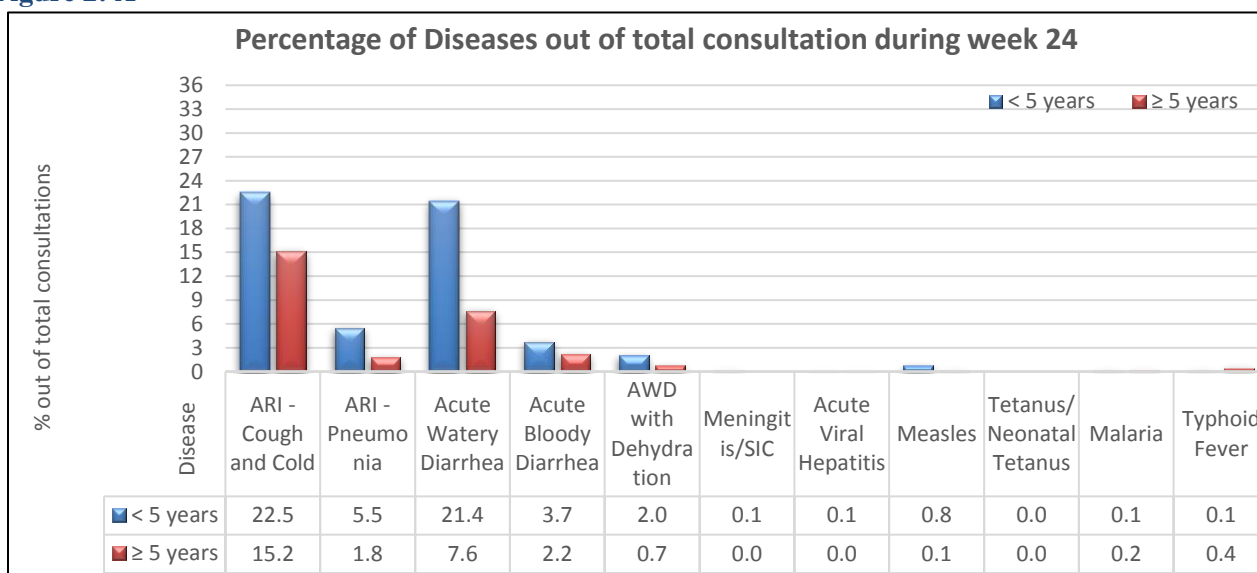


Figure 2: B

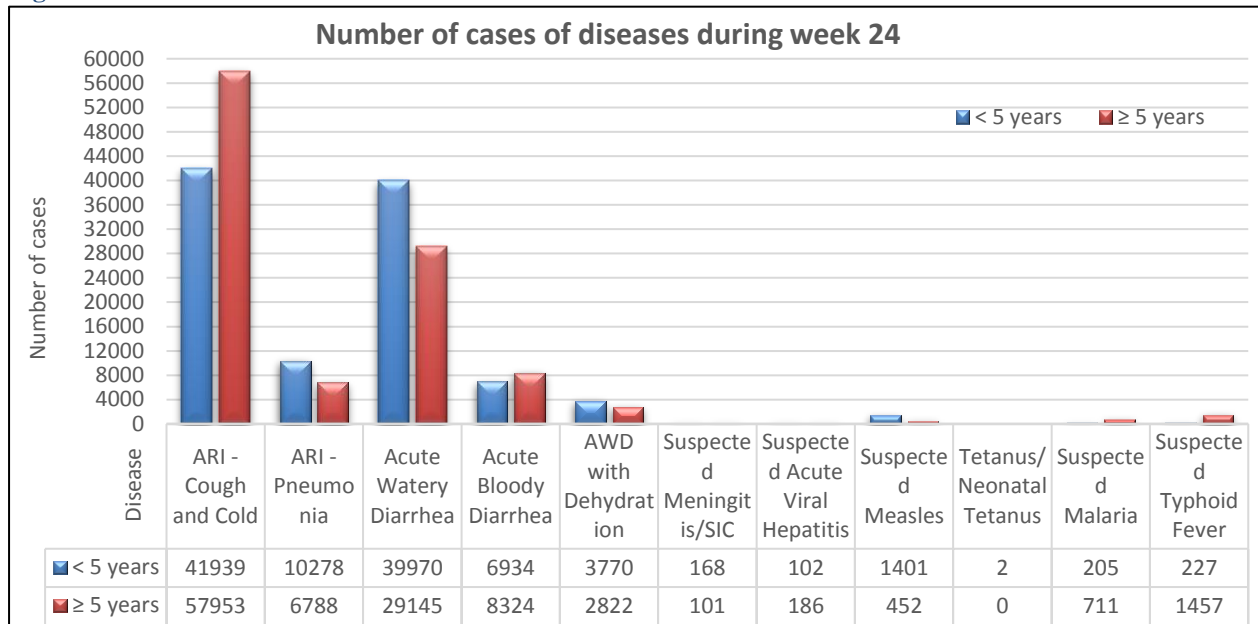


Table 2: Cases and deaths due to VPDs by age group during week 24th, 2022

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	1401	452	1853	9	0	9	0.49

Seasonal Diseases:

Figure 3: A

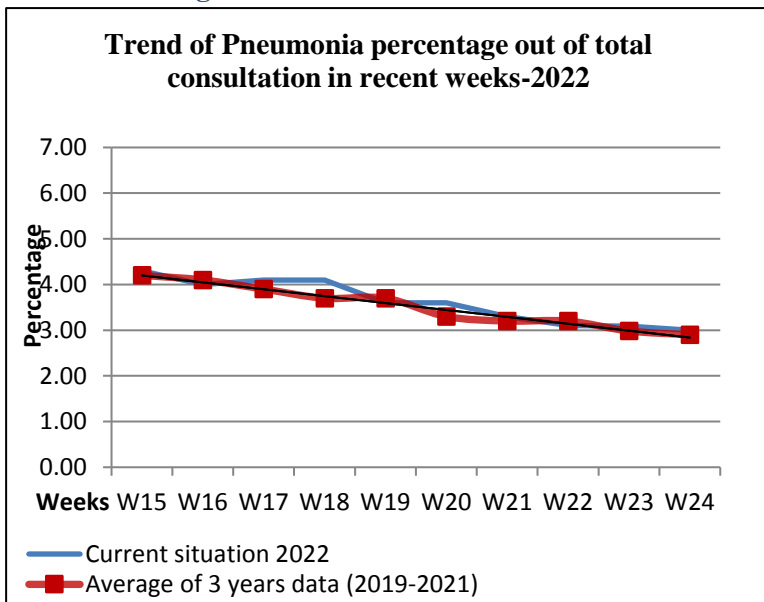


Figure 3: B

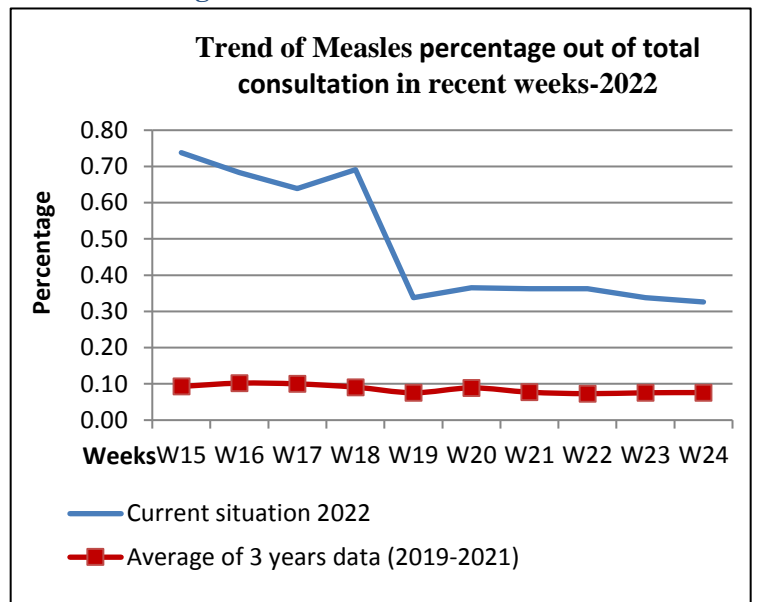


Figure 3: C

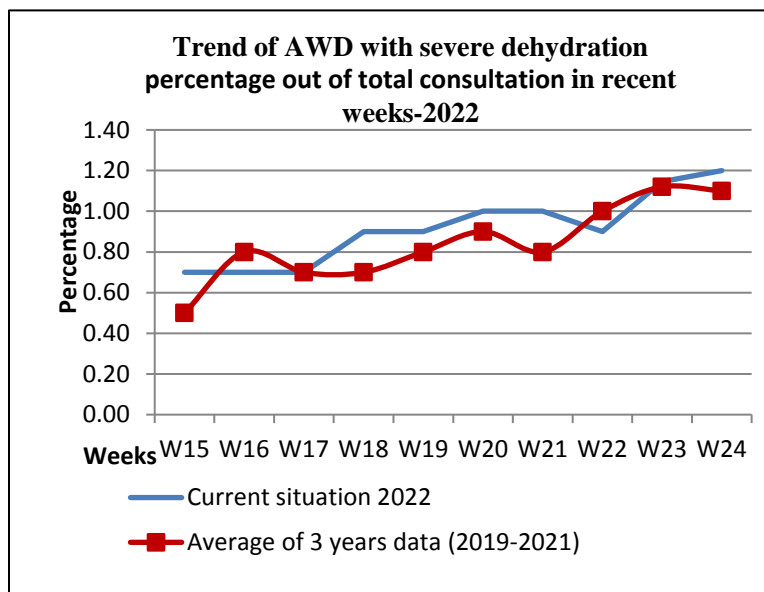


Figure 3: D

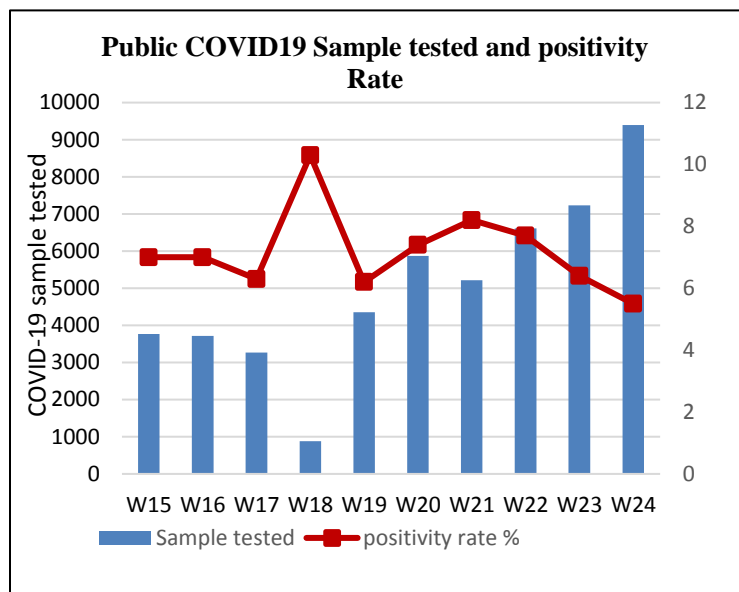


Table 3: Outbreaks in week 24th:

Suspected Measles outbreaks (Kapisa, Nuristan and Sar i pul provinces)										
Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Deaths	Vaccination coverage		Recommendation/Action taken
								Reported	Assessed	
13/06/2022	Kapisa	Kohistan-1	Pofdam	5	7	12	0	80%	60%	In this week, 03 suspected Measles outbreaks were reported from Kapisa, Nuristan and Sar i pul provinces. The outbreaks were investigated, case management was done for all the cases. Also, health education sessions were conducted. Vaccination of children in the surrounding villages of the affected area is going on. Follow-up reports will be shared.
16/06/2022	Nuristan	Paroon	Islam fit	10	5	15	3	N/A	45%	
13/06/2022	Sar i pul	Gosfandi	Shkan	0	6	6	0	79%	60%	

Suspected CCHF cases (Kapisa, Jawzjan, Balkh, Faryab, Herat and Kunduz Provinces)

Reported dated	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation/Action taken
15/06/2022	Kapisa	Mahmudraqi	Qurotak	1	0	45Y	Other	During this week 15 suspected CCHF cases

15/06/2022		Mahmudraqi	Qurotak	1	0	45Y	Other	were reported from Kapisa, Jawzjan, Balkh, Faryab, Herat and Kunduz provinces. Case management were done for all the cases, health education sessions were conducted and the information was shared with related departments and animal health as well, to take the preventive and control measures.
13/06/2022	Jawzjan	Sheberghan	Qargin	1	0	54Y	Other	
14/06/2022	Balkh	Nahr-e-Shahi	Nawabad	1	0	19Y	Other	
16/06/2022		Dawlatabad	Islam	1	0	67Y	Other	
16/06/2022	Faryab	Maimana	Qaisar	1	0	60Y	Other	
16/06/2022		Almar	Chaghatak	1	0	48Y	Farmer	
12/06/2022	Herat	Area 6	Koche Etahad	1	0	25Y	Butcher	
12/06/2022		Area 2	Jada Lelami	1	0	40Y	Other	
13/06/2022		Karokh	Ali Abad	1	0	22Y	Housewife	
14/06/2022		Injel	Jaghaltan	1	0	33Y	Farmer	
14/06/2022		Injel	Sharyar	1	0	53Y	Farmer	
15/06/2022		Guzara	Rabat suliman	1	0	50Y	Housewife	
16/06/2022		Injel	Sarwistan	1	0	34Y	Farmer	
14/06/2022		Kunduz	Poli Alchin	Qomandan Abdul Majid	1	0	20Y	

Food poisoning outbreak (Kandahar Province)

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
15/06/2022	Kandahar	Khakriz	Haji Qall	25	0	During this week 01 Food poisoning outbreak was reported from Kandahar province. Case management was done, health education session was conducted for all the cases.

Clinical Scabies Outbreak (Wardak province)

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
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12/06/2022	Wardak	Central	Shadi Khil	18	0	During this week 01 clinical Scabies outbreak was reported from Wardak province, the outbreak was investigated, case management was done for all the cases, and health education session was conducted.
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AWD outbreak from (Kandahar province)

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
06/05/2022	Kandahar	Khakriz	Haji Qall	25	0	During this week 01 AWD outbreak was reported from Kandahar province. Case management was done, and health education sessions were conducted for all the cases.

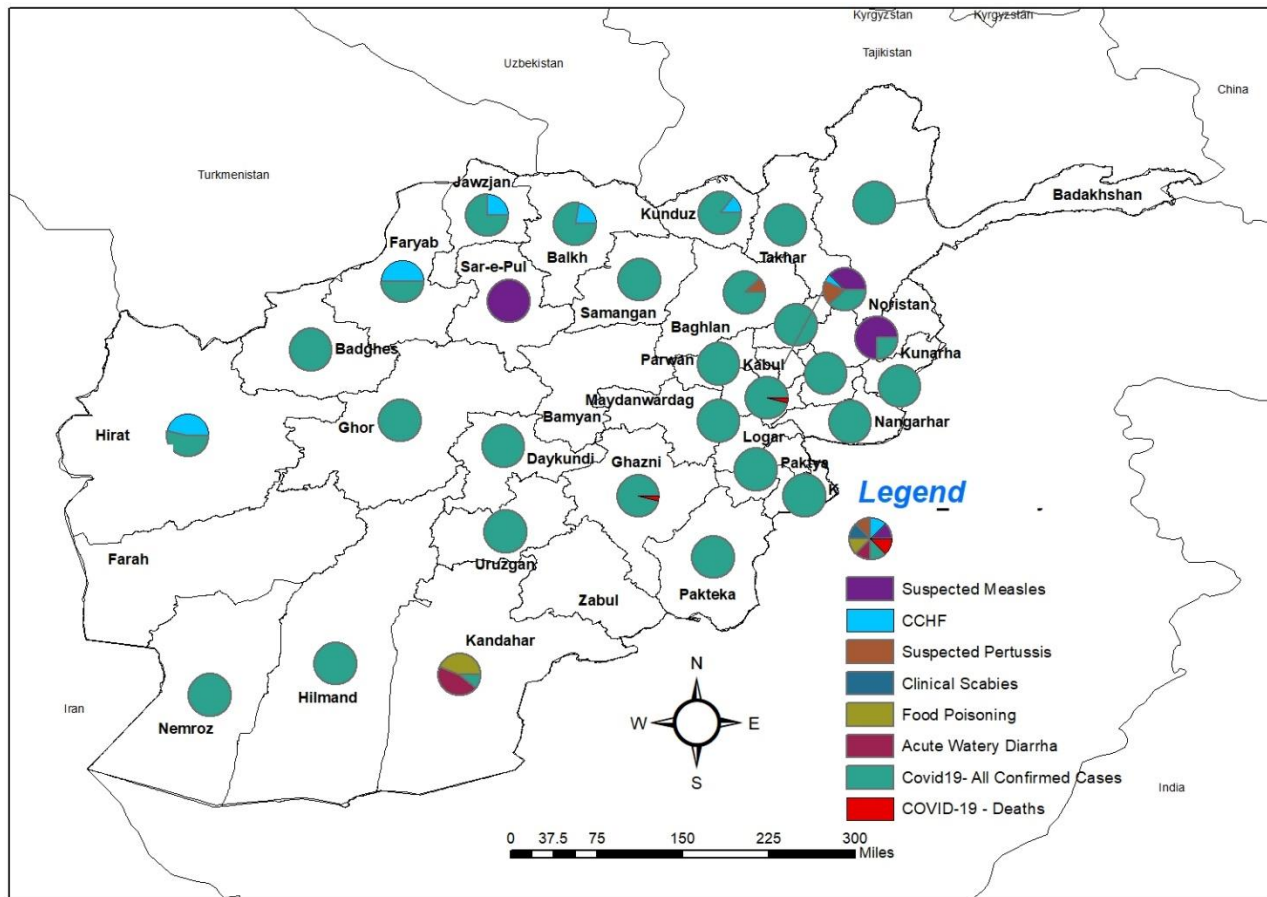
Suspected Pertussis outbreaks from (Baghlan and Kapisa provinces)

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
18/06/2022	Baghlan	Pulikhomri	Silo	1	0	During this week 02 Suspected Pertussis outbreaks were reported from Baghlan and Kapisa provinces. Case management was done, health education sessions were conducted for all the cases.
16/06/2022	Kapisa	Nejrab	Konj-e shikhan	6	0	

Table 4: Updates on the outbreaks reported during 2021 (26 Dec 2021 to 18, Jun 2022)

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	223	105	3,218	101
CCHF	94	8	158	6
Dog bites/Suspected Rabies	13	0	72	0
Pertussis	15	0	81	0
Acute Watery Diarrhea	9	3	457	0
Food poisoning	8	0	254	2
Scabies	6	0	96	0
Chickenpox	9	0	73	0
Leishmaniasis	3	0	67	0
Cat bite suspected rabies	1	0	4	0
Mumps	1	0	9	0
Diphtheria	1	0	1	0
Pneumonia	1	0	25	0
COVID-19	1	1	27,652	439
Grand Total	385	117	32167	548

Figure 4: Distributions of COVID-19, CCHF, suspected Measles, Acute Watery Diarrhea, Food poisoning and Suspected Pertussis, Clinical Scabies and Food poisoning outbreaks, cases and deaths during week 24th



Laboratory surveillance:

A total of 11,150 specimens were collected and shipped to CPHL and other regional laboratories. Out of which 519 specimens were confirmed for COVID-19, 50 specimens were confirmed for Measles, 09 specimens were confirmed for Malaria in this week. (Follow up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 24th 2022, we have 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, 150 (4.4%) Severe Acute Respiratory Infections cases were reported and 63% were under 5 years old. The proportion of SARI cases were same as compared to week 23rd 2022. Ten SARI associated deaths were reported this week. At the 9 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kabul (14%), Kapisa (13%) and Bamyan (10%). In this epi-week, our field staff shipped 25 SARI and 18 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

In this week, **10,443** specimens were tested for suspected COVID-19. Out of which **519** samples were confirmed for COVID-19 by rtPCR. The cases have been managed either in the isolation wards or in home quarantine.

- COVID-19 cases increased **12%** compared to last week.
- Bed occupancy rate (BOR) at the national level was **63%**, which increased 11.6 compared to last week.
- Out of **1,513** contacts of **378** confirmed cases that were mostly family members with an average of 4 Contacts per one case, and will be continued until 14 days of their last contact with the confirmed cases. Also, surveillance screening teams screened all the passengers in the points of entry for fever. In addition, health education was conducted for them, about **52,818** passengers have been screened for COVID-19 in the points of entry of four provinces (Herat, Kandahar, Nangarhar and Nimroz).

Challenges:

- Diarrheal diseases are in the increasing trend at national level, (especially the AWD outbreaks in Kandahar, Ghazni, Zabul and Juzjan provinces)
- Suspected CCHF cases are in the increasing trend
- Suspected Measles cases and outbreaks are in the increasing trend compared to previous years (in this week **1,886** measles cases and 12 deaths were reported).
- Shortage of lab samples collection consumables for AWD/suspected cholera in majority of the provinces.

Recommendations:

- Strong efforts and control measures are needed in Kandahar, Ghazni, Zabul and Juzjan provinces for the control of AWD outbreaks.
- Preventive measures for CCHF is recommended, in all HFs health education for CCHF awareness is needed.
- Measles vaccination campaigns are needed to conduct based on the outbreaks reported and also the routine vaccination coverage is also needed to improve.
- Urgent supply of lab sample collection and testing kits for AWD is recommended especially for south and south east regions and lab sample collection capacity needs to be strengthened and expanded to all the districts and surveillance sentinel sites.
 - **EPI:** As the system detected **1,886** suspected Measles cases, with **12** deaths due to measles, further prevention and control measures should be conducted by the EPI team.
- The findings should be analyzed further in different levels and appropriate actions to be taken by the concerned departments.