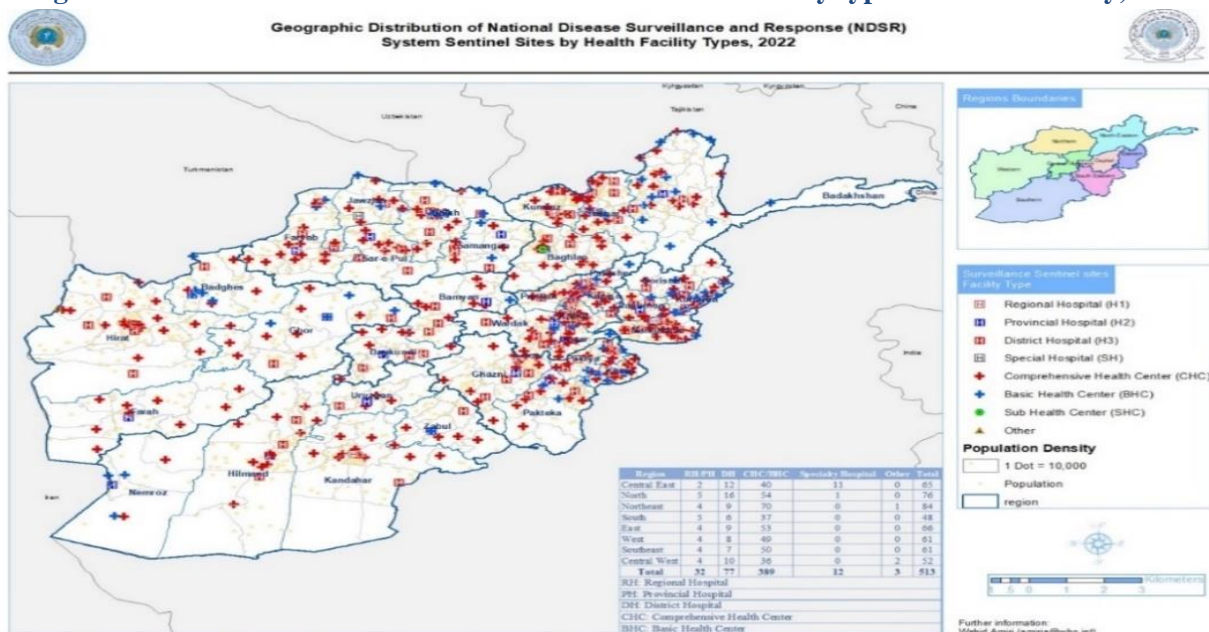


Summary:

- Out of 519 functional Surveillance sentinel sites, 512 (98.7%) have submitted reports this week.
- A total of 557,856 new consultations, 231,572 (41.5%) were due to Surveillance targeted diseases. That included 122,438 males (52.9%) and 109,134 females (47.1%). Also, 110,723 (47.8%) under five years old and 120,849 (52.2%) five years old and over, reported this week.
- The main causes of consultations this week were ARI Cough & Cold, 110,148 cases (19.7%) out of total new consultations, Acute Diarrheal Diseases 94,943 cases (17%) out of total new consultations, and Pneumonia, 17,887 cases (3.2%) out of total new consultations.
- A total of 143 deaths were reported this week, of which 65 deaths (45.5%) were due to Surveillance targeted diseases deaths, which include 40 Pneumonia deaths, 13 COVID-19 Deaths, 07 Acute Watery Diarrhea (AWD) with Dehydration deaths, 03 Suspected Meningitis/ Severely Ill Child deaths, 01 Suspected Acute Viral Hepatitis death and 01 Pregnancy-related death.
- In addition, during this week **21** outbreaks reported (**12 suspected CCHF** Outbreaks were reported from Herat, Kabul, Kandahar, Balkh, Parwan and Jawzjan provinces, **04 AWD** outbreaks were reported from Laghman, Paktya, Kunduz and Nuristan Provinces, **02 suspected pertussis outbreaks** were reported from Kapisa province and **03 Malaria outbreaks** reported from **Laghman, Kunar and Badghis provinces**).
- Moreover, 1848 COVID-19 confirmed cases and 620 suspected Measles cases were reported at the national level.

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



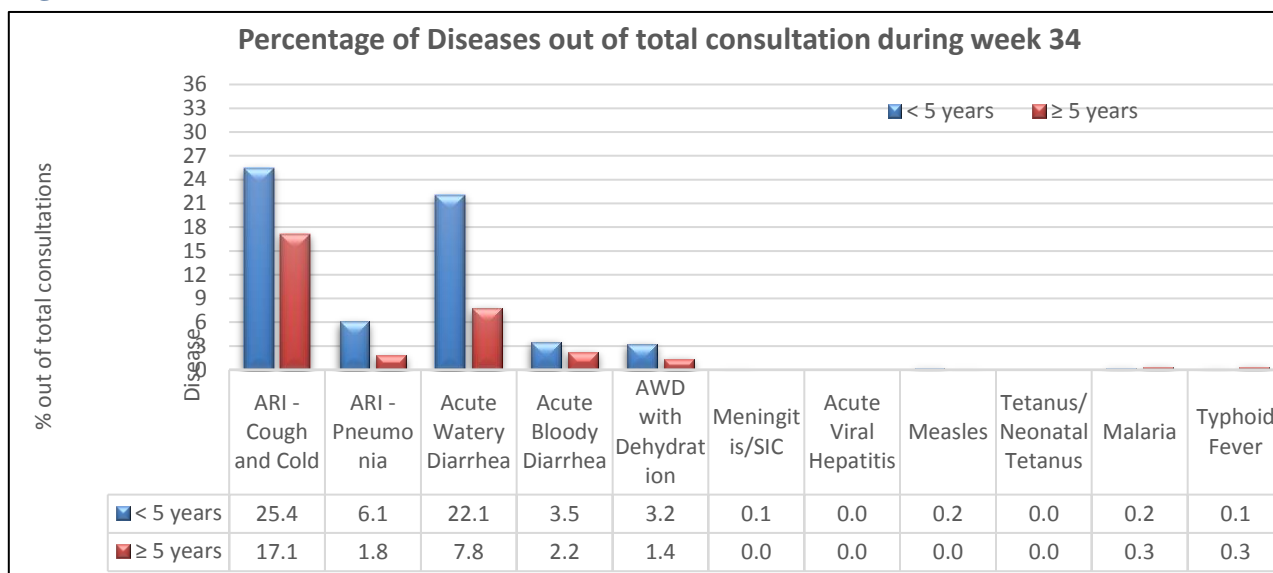
**Table 1: Coverage of NDSR Surveillance System**

Type of Health Facility	RH	PH	DH	CHC	BHC	NH/ Special Hospital	SHC	Other	Total
<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>	6	25	80	310	80	13	1	4	519

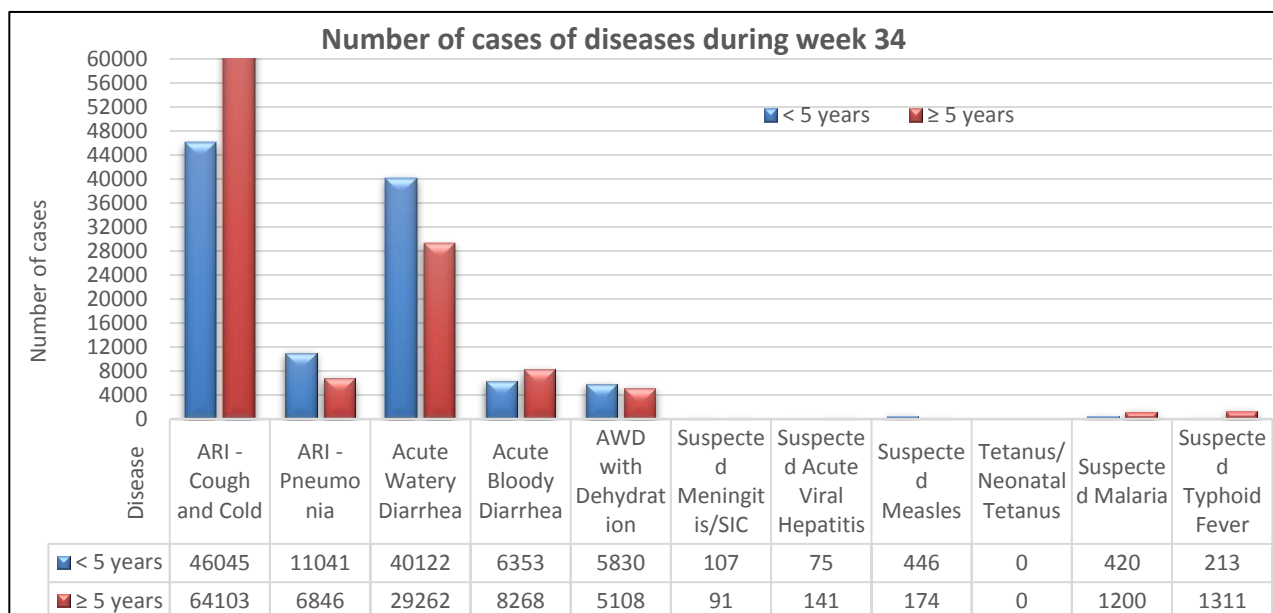
**Indicator - based Surveillance (IBS):**

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**

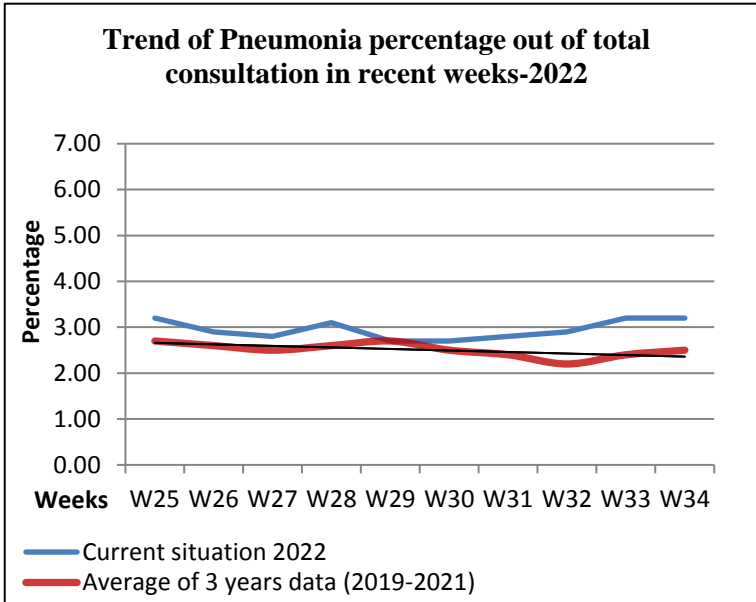


**Table 2: Cases and deaths due to VPDs by age group during week 34<sup>th</sup>, 2022**

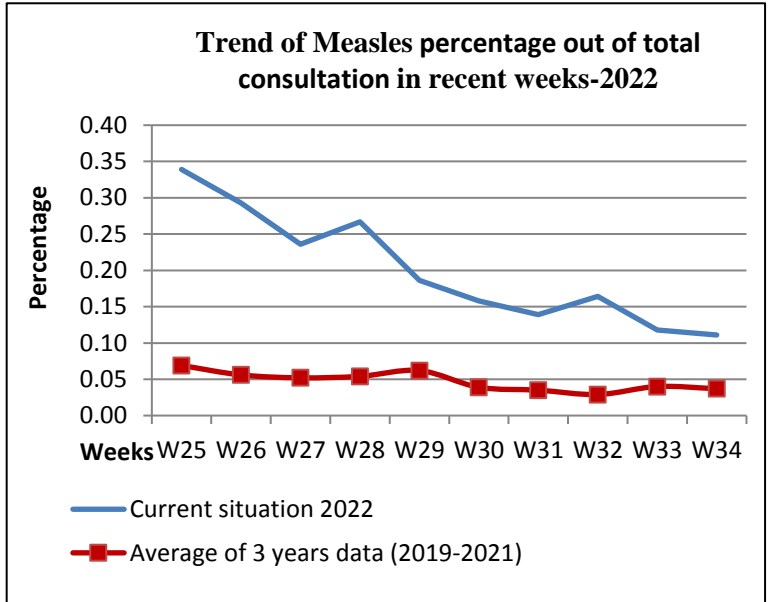
Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	446	174	620	0	0	0	0.00

**Seasonal Diseases:**

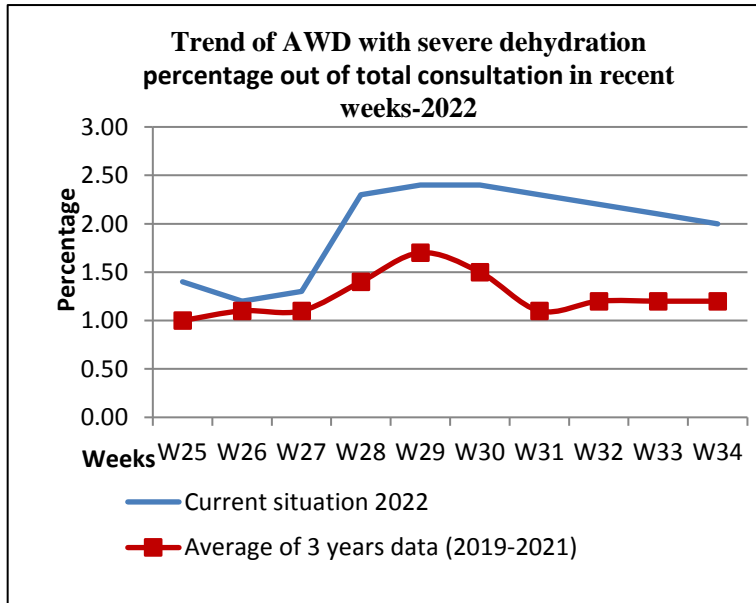
**Figure 3: A**



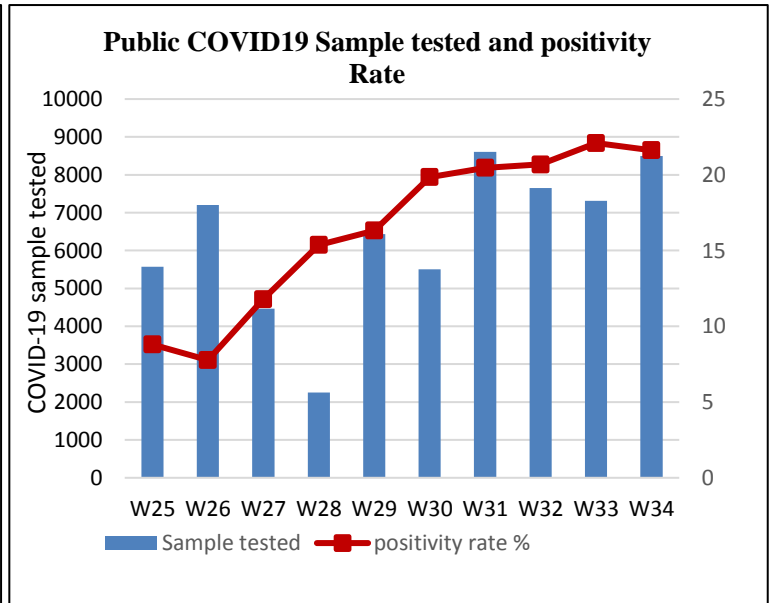
**Figure 3: B**



**Figure 3: C**



**Figure 3: D**



**Table 3: Outbreaks in week 34<sup>th</sup>:**

Suspected CCHF Cases ( Herat, Kabul, Kandahar, Balkh, Jawzjan and Parwan ) provinces								
Reported date	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation/ Action taken
23/8/2022	Herat	Injil	Kamar kalaq	1	0	18Y	Other	During this week 13 suspected CCHF cases were reported from Herat, Kabul, Kandahar, Balkh, Parwan and Jawzjan provinces. Case management was 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 preventive and control measures.
23/8/2022		Injil	Eshaq soliman	1	0	48Y	Housewife	
23/8/2022		City	Shalbafan	1	0	22Y	Other	
23/8/2022		Gulran	Totichi	1	0	18Y	Shepherd	
23/8/2022		City	Abdul abad	1	0	20Y	Other	
23/8/2022		Char Asiab	Char Asiab	1	0	34Y	Shepherd	
23/8/2022		District 12	Ahmad Shah Baba	1	0	24Y	Butcher	
23/8/2022		District 7	Baghe Raees	1	0	16Y	Butcher	
23/8/2022	Kandahar	Arghnadab	Bab sahib	1	0	34Y	Farmer	
23/8/2022	Balkh	Mazare Sharif	Mazare Sharif	1	0	50Y	Other	
23/8/2022	Parwan	Tandara	Tandara	1	0	22Y	Butcher	
25/8/2022	Jawzjan	Faizabad	Faizabad	1	0	16Y	Other	
AWD outbreaks from ( Laghman, Kunduz, Paktya, Nuristan) Provinces								
Reported date	Province	District	Village	Total cases	Total deaths	Recommendation/ Action take		
26/8/2022	Laghman	Alishang	Saigal dara Barandak	29	0	During this week 04 AWD outbreaks were reported from Laghman, Kunduz, Paktya and Nuristan Provinces. Case management was done, and health education sessions were conducted for all the cases. More updates will be shared through follow-up and final investigation reports.		
21/08/2022	Kunduz	Imam sahib	Gonbad	16	0			
21/08/2022	Paktya	Gardasari	Khakhil	35	0			
21/08/2022	Nuristan	Kamdish	Sarit	5	1			

### Suspected Pertussis Outbreaks from (Kapisa) province

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
21/8/2022	Kapisa	Nejrab	Dombak	5	0	During this week 02 Suspected Pertussis outbreaks were reported from Kapisa province. Case management was done, health education sessions were conducted for all the cases.
23/8/2022			Deh-e khamery	3	0	

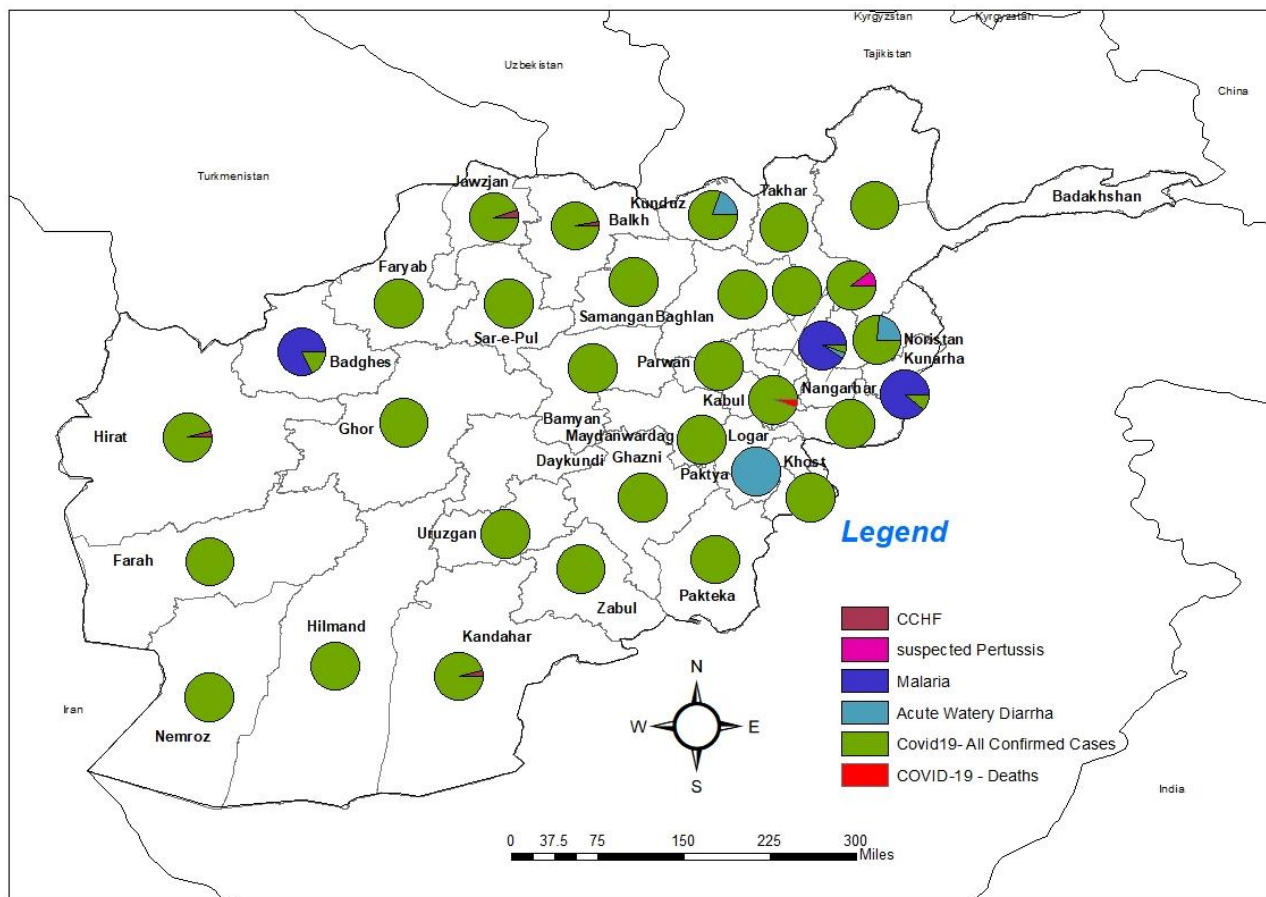
### Confirmed Malaria Outbreaks from (Laghman, Kunar & Badghis) province

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation /Action take
Epi week 25, 26, 27, 28, 29, 30, 31, 32 (IBS)	Laghman	Alishang	Gamba	663	0	During this week 03 Malaria outbreaks were reported from Laghman, Kunar and Badghis provinces. Case finding, Case management, health education conducted for all the cases.
Epi week 25, 26, 27, 28, 29, 30, 31 (IBS)	Kunar	Watapoor	Qamchy, Peerini, Shagai and Watapoor	562	0	
21/8/2022	Badghis	Qale Naw	Kharistan	49	0	

**Table 4: Updated outbreaks report during 2022 (26 Dec 2021 to 27 Aug 2022)**

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	242	170	3469	108
CCHF	307	74	308	11
Dog bites/Suspected Rabies	14	1	84	0
Pertussis	29	1	170	10
Acute Watery Diarrhea	55	11	3369	3
Food Poisoning	12	0	314	2
Unknown Poisoning	1	0	5	2
Scabies	7	0	112	0
Chickenpox	24	1	242	0
Leishmaniosis	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
Dengue fever	1	0	4	0
Skin disease	1	0	3	0
Anthrax	1	0	5	0
COVID-19	1	1	37566	490
Malaria	3	3	1282	0
<b>Grand Total</b>	<b>705</b>	<b>262</b>	<b>47039</b>	<b>626</b>

**Figure 4: Distributions of COVID-19, CCHF, Acute Watery Diarrhea and pertussis cases and deaths during the week 34<sup>th</sup>**



### Laboratory surveillance:

A total of **10,122** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **1848** specimens were confirmed for COVID-19, 17 specimens were confirmed for Malaria, 04 specimens were confirmed for Acute Watery Diarrhea, 03 ILI Confirmed cases, 02 specimens were confirmed for Brucellosis, 02 Measles Confirmed cases and 01 SARI Confirmed case, (Follow-up by the CPHL is going on).

### Influenza Surveillance activities:

In Epidemiological week 34<sup>th</sup> 2022, we have received Epidemiological reports from 09 out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamiyan, Baghlan, Nangarhar, Kapisa and Paktya). Out of all new hospital admissions, 171 (4.7%) Severe Acute Respiratory Infections cases were reported and 69% were under 5 years old. The proportion of SARI cases was slightly increased compared to week 33<sup>rd</sup> 2022. 11 SARI-associated deaths were reported this week. At the 09 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kapisa (16.3%), Kabul (14.1%), and Bamiyan (13.1%) provinces. During this Epi-week, our field staff shipped 24 SARI and 18 ILI specimens to the National Influenza Center (NIC).



### **COVID-19 Surveillance activities:**

In this week, **9583** specimens were tested for suspected COVID-19. Out of which **1848** samples were confirmed for COVID-19 by RT-PCR.

- COVID-19 cases increased 13.4% in this week, the positivity rate was 19.3%, which decreased 0.5% compared to last week.
- Bed occupancy rate (BOR) at the national level was **61%**, which decreased 6 % compared to last week.
- Out of **4596** contacts of **1297** 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 **41461** passengers have been screened for COVID-19 in the points of entry of four provinces (Balkh, Nangarhar, Hirat, Kandahar and Nimroz).

### **Challenges:**

- COVID-19 cases increased 13.4% in this week the average positivity rate at national level was 19.2% and 13 deaths due to COVID-19 were reported.
- AWD outbreaks and Diarrheal diseases cases were slightly decreased compared to previous week, although we had 03 AWD outbreaks in this week.
- Suspected Measles cases and outbreaks are still a public health challenge as in this week **620** measles cases (which decreased 09% compared to previous week).
- 03 outbreaks of Malaria were detected and reported in 3 provinces of Laghman, Kunar and Badghis provinces.

### **Recommendations:**

- COVID-19 response national committees are requested to strengthen the main response functions such as (surveillance, case management, preventive measures and health promotion).
- Strong preventive efforts and control measures are needed for the control of AWD increasing cases at the national level.
- Measles response strategy should be revised, moreover the routine vaccination coverage should also be improved.
  - **EPI:** As the surveillance system detected **620** suspected Measles cases and 08 suspected pertussis cases, further prevention and control measures should be conducted by the EPI team.
- Preventive and control measures should be strengthened for Malaria response in 3 provinces of Laghman, Kunar and Badghis provinces.
- The findings should be analyzed further in different levels and appropriate actions to be taken by the concerned departments.