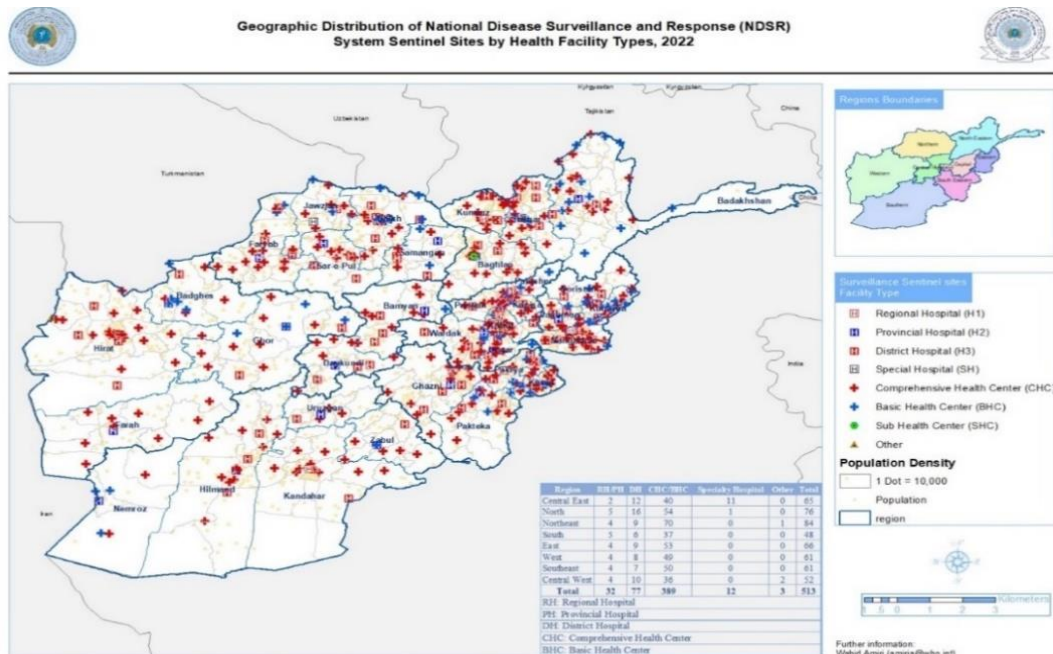


Summary:

- Out of 519 functional Surveillance sentinel sites, 507 (97.7%) have submitted reports this week.
- A total of 560,916 new consultations, 226,040 (40.3%) were due to Surveillance targeted diseases. That included 118,923 (52.6%) males and 107,117 (47.4%) females. Also, 107,119 (47.4%) under five years old and 118,921 (52.6%) five years old and over, reported this week.
- The main causes of consultations this week were ARI Cough & Cold, 114,407(20.4%) cases out of total new consultations, Acute Diarrheal Diseases 84,277(15%) cases out of total new consultations, and Pneumonia, 18,779(3.3%) cases out of total new consultations.
- A total of 172 deaths were reported this week, of which 47(27.3%) deaths were due to Surveillance targeted diseases, which include 27 Pneumonia deaths, 05 COVID-19 deaths, 05 Suspected Meningitis/ Severely Ill Child deaths, 07 Acute Watery Diarrhea (AWD) with Dehydration deaths, 02 Acute Bloody Diarrhea deaths and 01 Typhoid Fever death.
- In addition, during this week **19** outbreaks reported (**12 Suspected CCHF** outbreaks were reported from Kabul, Herat, Balkh, Nangarhar and Paktika provinces, **04 AWD** outbreaks were reported from Balkh, Faryab, Nuristan and Takhar Provinces, **01 Food Poisoning** outbreak was reported from Kapisa province, **01 Measles** outbreak reported from Paktika province and **01 Dengue Fever** outbreak reported from Kabul Province).
- Moreover, 1771 COVID-19 confirmed cases and 555 suspected Measles cases were reported at the national level.

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



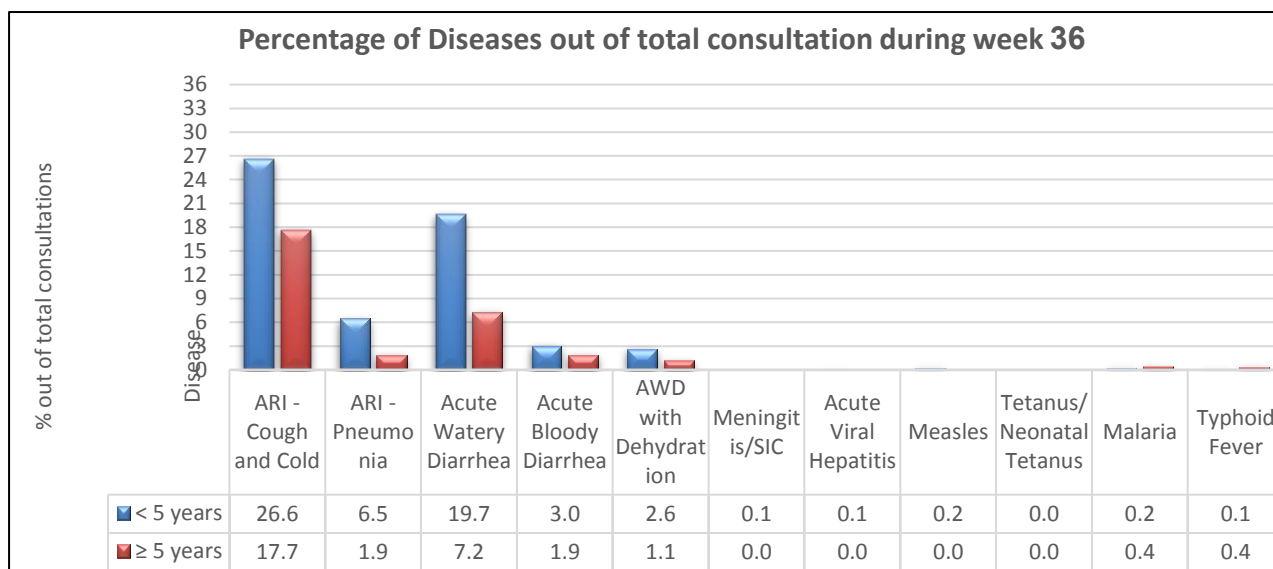
**Table 1: Coverage of NDSR Surveillance System**

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

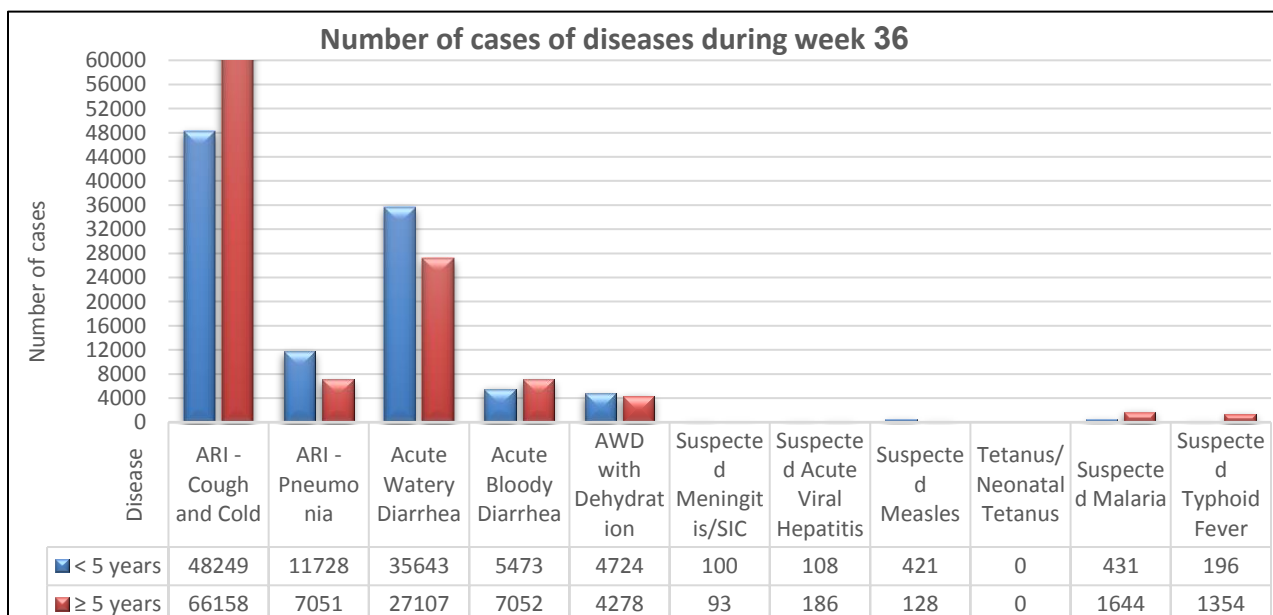
**Indicator - based Surveillance (IBS):**

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**

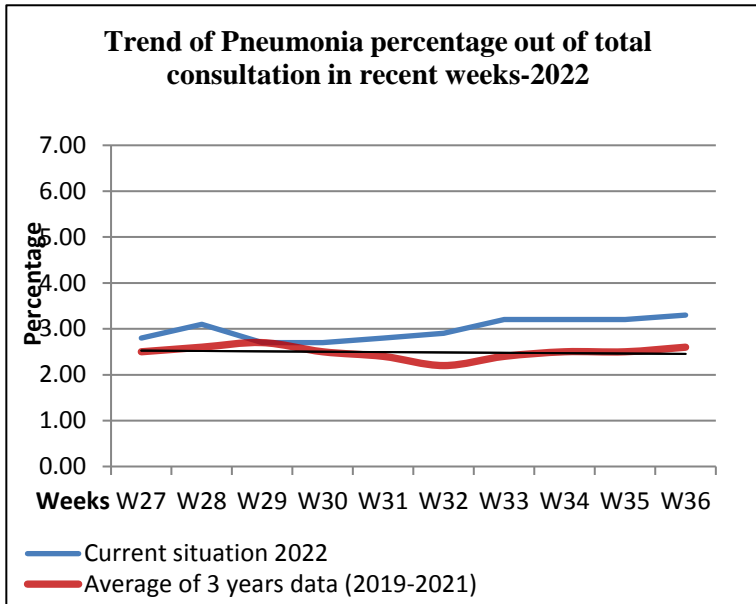


**Table 2: Cases and deaths due to VPDs by age group during week 36<sup>th</sup>, 2022**

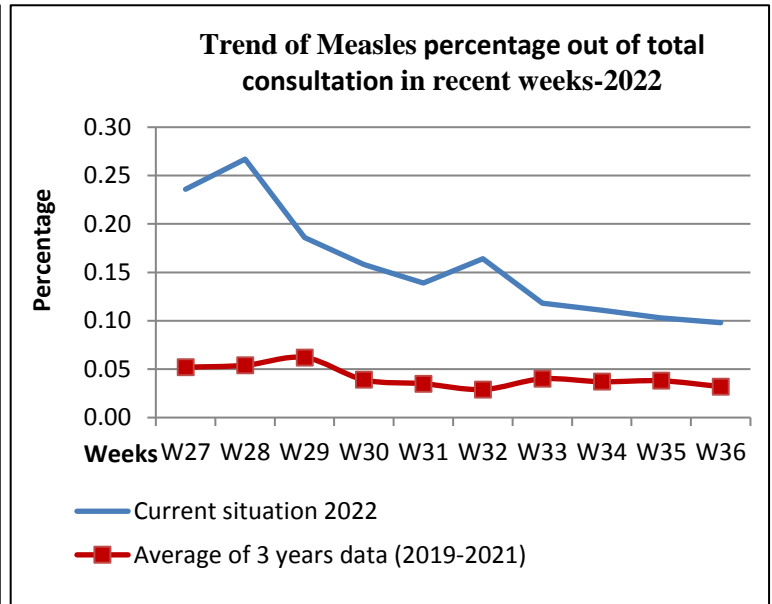
Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	421	128	549	0	0	0	0.00

**Seasonal Diseases:**

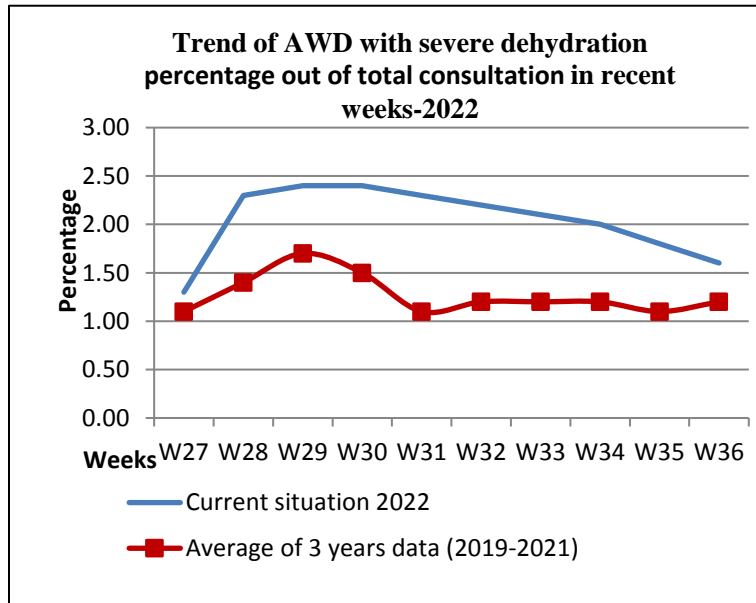
**Figure 3: A**



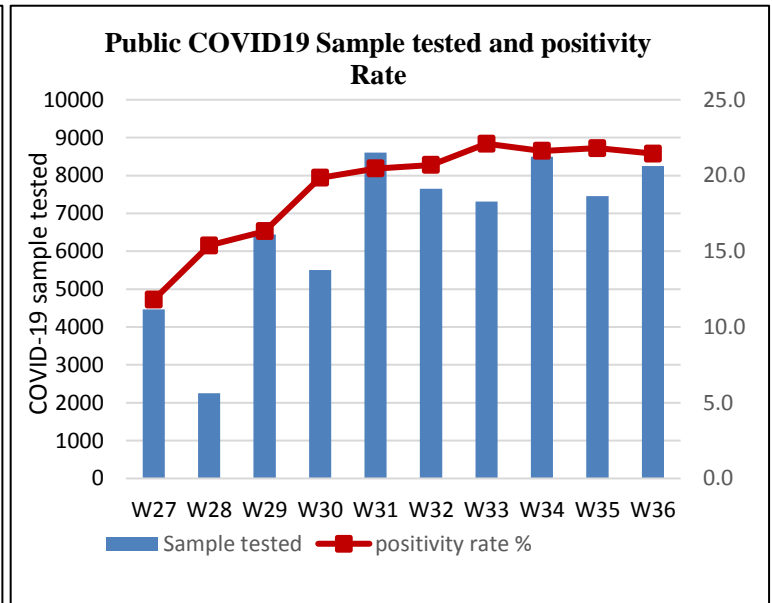
**Figure 3: B**



**Figure 3: C**



**Figure 3: D**



**Table 3: Outbreaks in week 36<sup>th</sup>:**

Suspected CCHF Cases ( Kabul, Herat, Nangarhar, Balkh and Paktika) provinces								
Reported date	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation/Action taken
05/09/22	Kabul	District 13	Barchi	1	0	45Y	Butcher	During this week 12 suspected CCHF cases were reported from Kabul, Herat, Balkh Nangarhar and Paktika 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.
05/09/22		District 16	Makrorayan	1	0	29Y	Butcher	
05/09/22		District 19	Pole Charkhi	1	0	25Y	Other	
09/09/22		District 7	Chelsatoon	1	0	23Y	Other	
09/09/22		District 15	Qasaba	1	0	17Y	Butcher	
09/09/22		District 16	District 16	1	0	20Y	Other	
08/09/22	Herat	City	Shaharak reza	1	0	57Y	Other	
08/09/22		Robat sangi	Tourghondi	1	0	32Y	Butcher	
06/09/22	Balkh	Mazar-i-Sharif	Payan Qishlaq	1	0	48Y	Other	
07/09/22		Mazar-i-Sharif	Baba Yadgar	1	0	74Y	Other	
05/09/22	Nangrahar	Jalalabad	Jalalabad	1	0	35Y	Other	
10/09/22	Paktika	Paktika	Paktika	1	0	23Y	Other	

**AWD outbreaks from (Balkh, Faryab, Nuristan and Takhar) Provinces**

Reported date	Province	District	Village	Total cases	Total deaths	Recommendation/ Action take
08/09/22	Balkh	Zari	Tagab	17	0	During this week 04 AWD outbreaks were reported from Balkh, Faryab, Nuristan and Takhar 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.
08/09/22	Faryab	Qaysar	Tamchi	16	3	
05/09/22	Nuristan	Want wiagal	Kund kali.katar.Gamber	242	0	
05/09/22	Takhar	Darqad	Noorkhil, Qara tepa and Taraky	55	0	

**Food Poisoning Outbreak from (Kapisa) province**

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
05/09/2022	Kapisa	Nejrab	Dara-e pota	13	0	During this week 01 Poisoning outbreak was reported from Kapisa province. Case management was done, health education sessions were conducted for all the cases.

Measles Outbreak from Paktika province										
Report ed date	Provin ce	District	Village	<5 cases	≥5 cases	Total cases	Deaths	Vaccination coverage		Recommendation/Action taken
								Reported	Assessed	
09/8/22	Paktika	Sharan	Jiro	3	3	6	0	NA	40%	In this week, 01 suspected Measles outbreak was reported from Paktika province. The outbreak was investigated, case management was done for all the cases. Also, health education session was conducted.

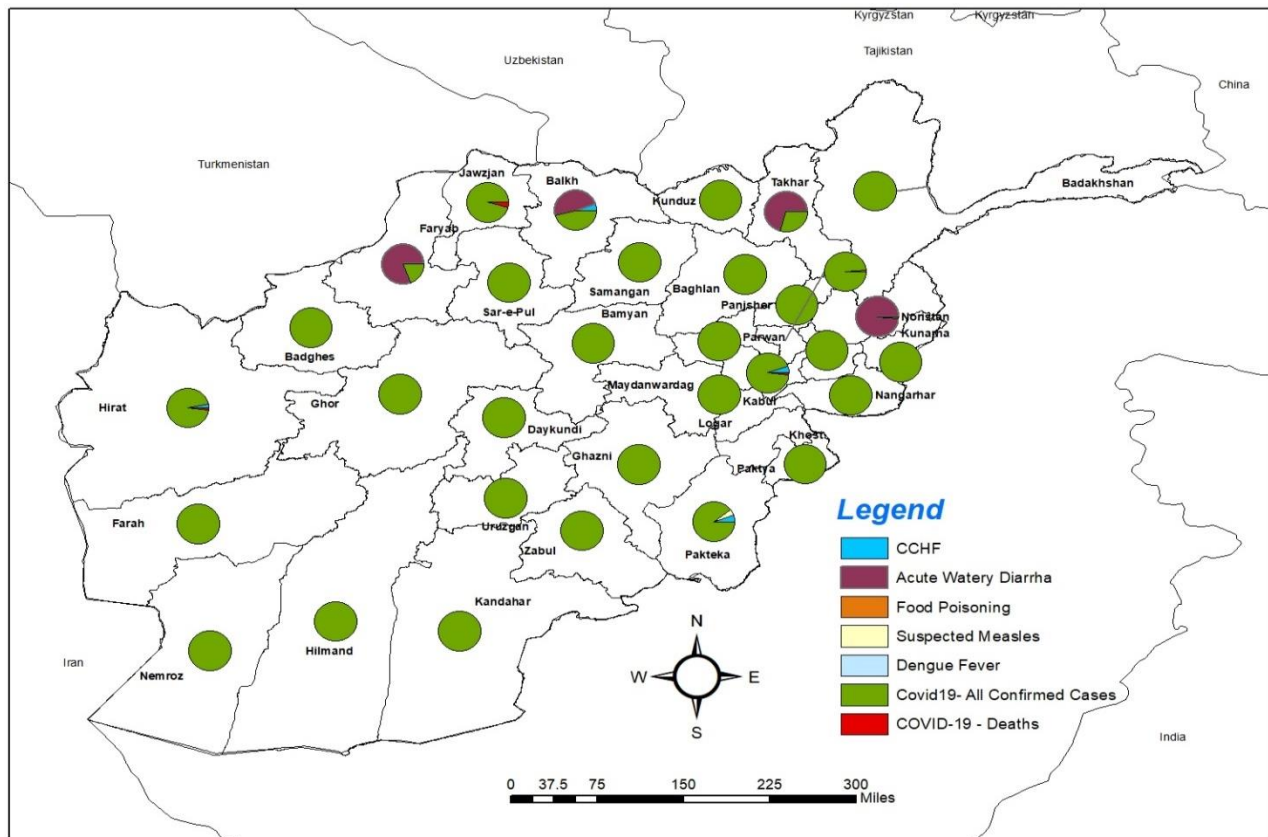
  

Dengue Fever Outbreak from (Kabul) province						
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
09/5/22	Kabul	District 19	Poli Charkhi	2	0	During this week 01 Dengue Fever outbreak was reported from Kabul province, Poli Charkhi area, district 19 <sup>th</sup> , 02 cases were reported, Case management was done, lab samples were collected and shared with CPHL, health education sessions were conducted for all the cases.

**Table 4: Updated outbreaks report during 2022 (26 Dec 2021 to 10 September 2022)**

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	243	170	3475	108
CCHF	327	82	328	11
Dog bites/Suspected Rabies	15	1	97	0
Pertussis	29	1	170	10
Acute Watery Diarrhea	61	13	3721	8
Food Poisoning	13	0	327	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	2	0	22	0
Diphtheria	1	0	1	0
Pneumonia	1	0	25	0
Dengue fever	2	0	6	0
Skin disease	1	0	3	0
Anthrax	1	0	5	0
Malaria	3	3	1282	0
COVID-19	1	1	40963	500
<b>Grand Total</b>	<b>736</b>	<b>272</b>	<b>50855</b>	<b>641</b>

**Figure 4: Distributions of COVID-19, CCHF, Acute Watery Diarrhea, Measles, dengue fever cases and deaths during the week 36<sup>th</sup>**



### Laboratory surveillance:

A total of **10,044** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **1771** specimens were confirmed for COVID-19, **43** specimens were confirmed for Malaria, **15** specimens were confirmed for Acute Watery Diarrhea, **05** specimens were confirmed for Measles (Follow-up by the CPHL is going on).

### Influenza Surveillance activities:

In Epidemiological week 36<sup>th</sup> 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, 167 (4.5%) Severe Acute Respiratory Infections cases were reported and 66% were under 5 years old. The proportion of SARI cases was slightly decreased (0.6%) compared to week 35<sup>th</sup> 2022. 07 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 (16.7%), and Bamyan (15.8%) provinces. During this Epi-week, our field staff shipped 18 SARI and 14 ILI specimens to the National Influenza Center (NIC).

### COVID-19 Surveillance activities:

In this week, **9181** specimens were tested for suspected COVID-19. Out of which **1771** specimens were confirmed for COVID-19 by RT-PCR.

- COVID-19 cases positivity rate was 18.7% in this week, which decreased 0.6 % compared to previous week.
- Bed occupancy rate (BOR) at the national level was **55%**, which decreased 4.2 % compared to last week.
- Out of **1771** confirmed cases, **3942** contacts of **1661** confirmed cases were traced that were mostly family members with an average of 2 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 **44,641** passengers have been screened for COVID-19 in the points of entry of five provinces (Balkh, Nangarhar, Hirat, Kandahar and Nimroz).

### Challenges:

- Dengue fever cases in Kabul province is an alert for spreading the dengue fever outbreak from Nangarhar province to Kabul.
- COVID-19 cases were increased 5.6% at national level compared to previous week and 05 deaths due to COVID-19 were reported.
- AWD outbreaks and Diarrheal diseases cases were slightly decreased (0.4%) compared to previous week, although we had 04 AWD outbreaks and 10 AWD with Dehydration deaths in this week.
- Suspected Measles cases and outbreaks are still a public health challenge, as in this week **555** suspected measles cases were reported.

### Recommendations:

- Strong preventive and control measures are needed for the control of Dengue fever outbreak especially in Nangarhar province.
- 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 and control measures are needed for the control of AWD 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 **555** suspected Measles cases at national level, so 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.