

Summary:

- Out of 519 functional Surveillance sentinel sites, 503 (96.9%) have submitted reports this week.
- A total of 579,551 new consultations, 229,521 (39.6%) were due to Surveillance targeted diseases. That included 121,298 males (52.8%) and 108,223 females (47.2%). Also, 111,141 (48.4%) under five years old and 118,380 (51.6%) five years old and over, reported this week.
- The main causes of consultations this week were Acute Diarrheal Diseases 104,781 cases (18.1%) out of total new consultations, ARI Cough & Cold, 101,181 cases (17.5%) out of total new consultations, and Pneumonia, 16,278 cases (2.8%) out of total new consultations.
- A total of 190 deaths were reported this week, of which 61 deaths (32.1%) were due to Surveillance targeted diseases deaths, which include 40 Pneumonia deaths, 07 Acute Watery Diarrhea (AWD) deaths, 05 COVID-19 Deaths, 05 Acute Watery Diarrhea (AWD) with Dehydration deaths, 02 Suspected Measles deaths, 01 suspected Acute Viral Hepatitis death and 01 Pregnancy-related death.
- A total of 822 Measles suspected cases with 02 deaths were reported in this week.
- In addition, during this week **28** outbreaks reported (**21 suspected CCHF** Outbreaks were reported from Herat, Kabul, Kunduz, Nangarhar, Parwan and Takhar provinces, **03 AWD** outbreaks were reported from Kandahar, Saripul, and Takhar Provinces, **02 Chickenpox** outbreaks were reported from Ghor province, **01 Food poisoning** outbreaks was reported from Paktika province, and **01 Measles** outbreak was reported from Urozgan province).
- Moreover, 1776 COVID-19 confirmed cases were reported at the national level.

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

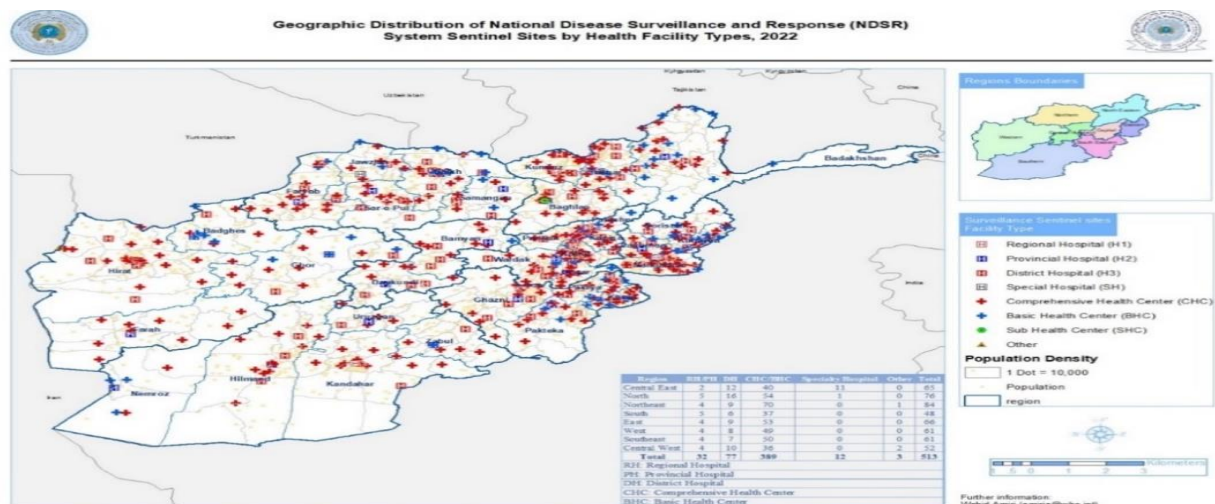


Table 1: Coverage of NDSR Surveillance System

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

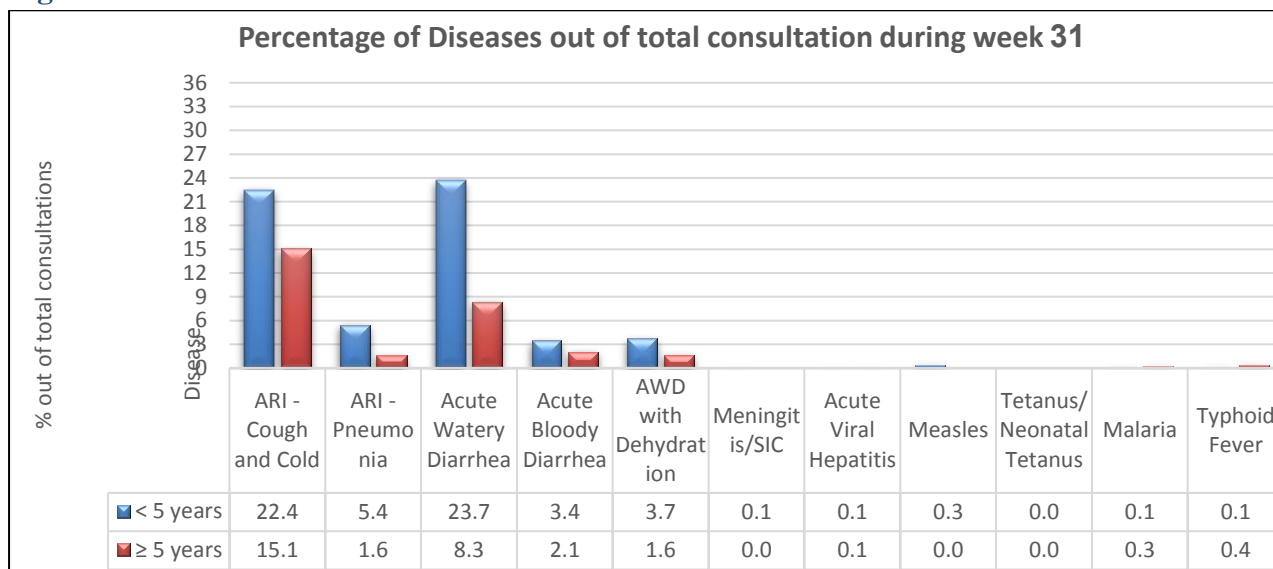


Figure 2: B

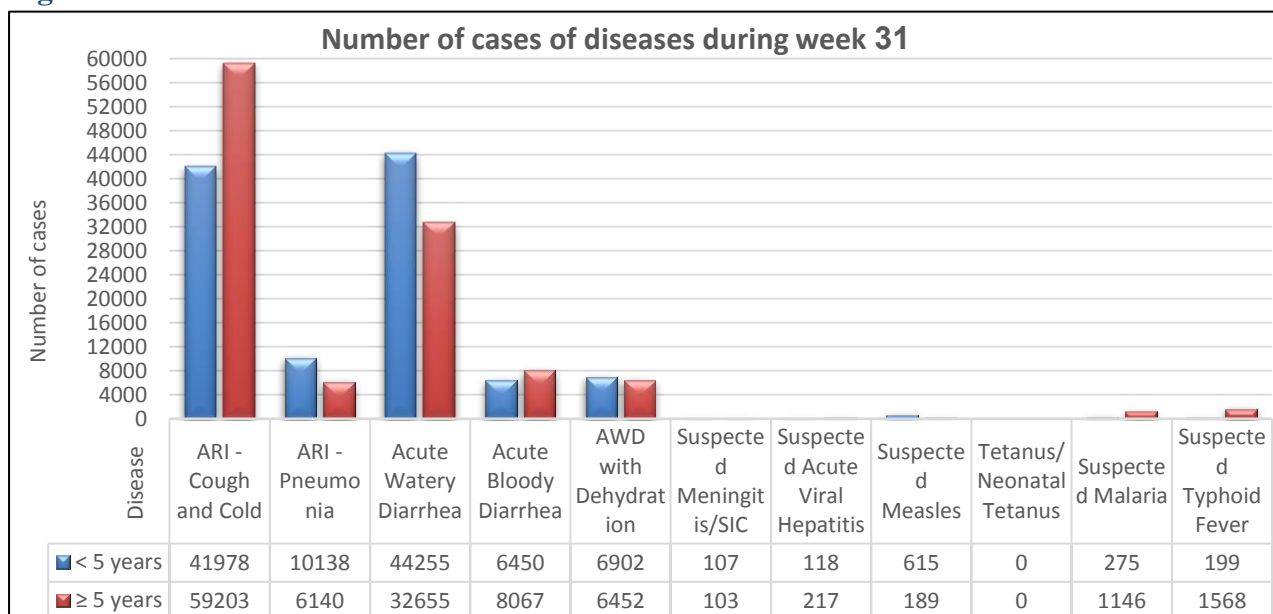


Table 2: Cases and deaths due to VPDs by age group during week 31st, 2022

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	615	189	804	2	0	2	0.25

Seasonal Diseases:

Figure 3: A

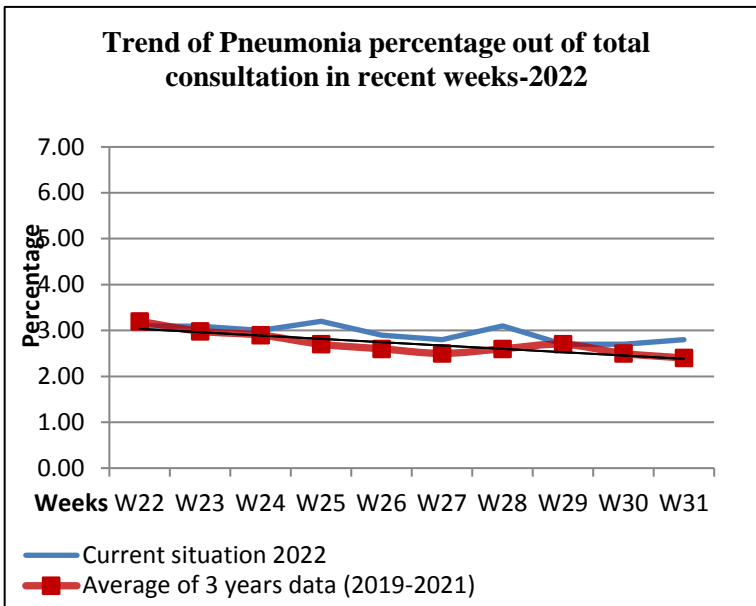


Figure 3: B

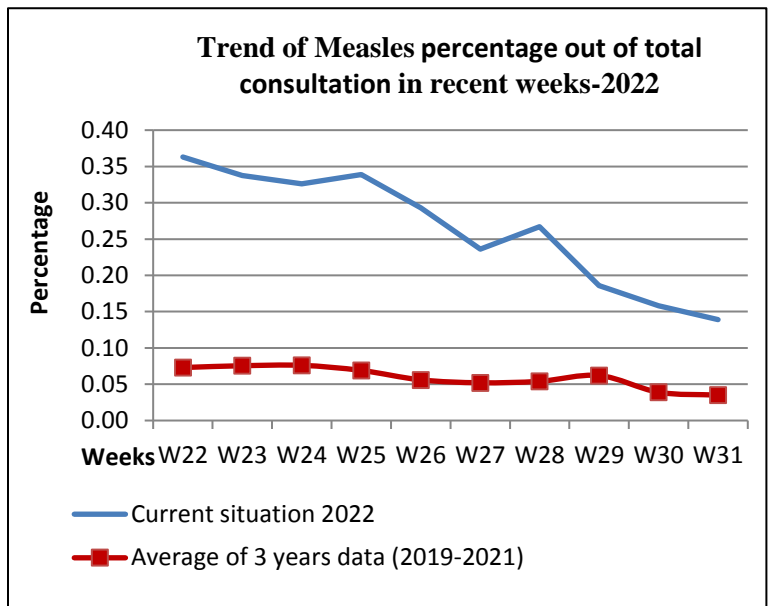


Figure 3: C

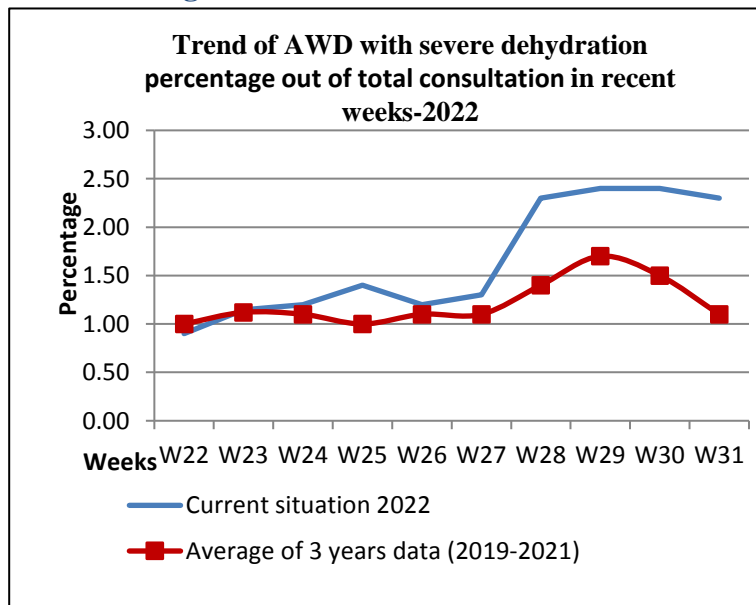


Figure 3: D

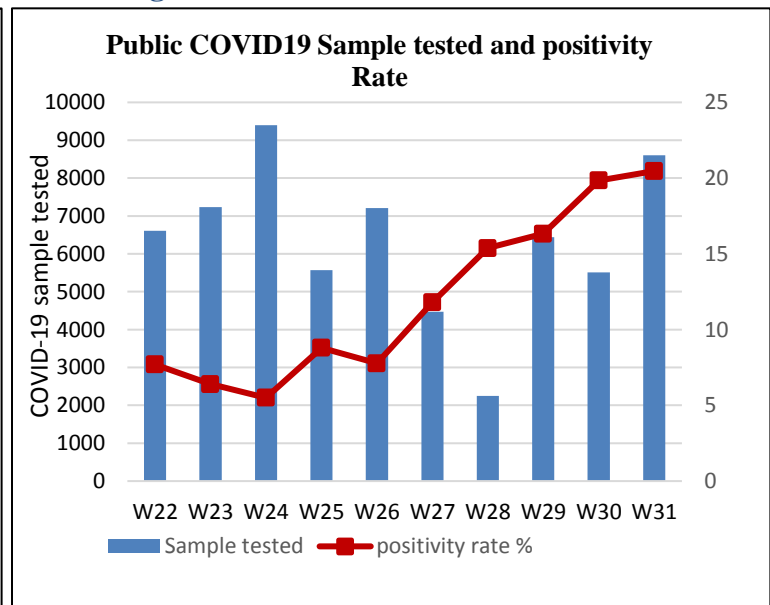


Table 3: Outbreaks in week 31st:

Suspected CCHF Cases (Herat, Kabul, Kunduz, Nangarhar, Parwan and Takhar) provinces

Reported dated	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation /Action taken
31/07/22	Herat	City	Poli ranigna	1	0	15Y	Housewife	During this week 21 suspected CCHF cases were reported from Herat, Kabul, Kunduz, Nangarhar, Parwan and Takhar 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.
31/07/22		Robat sangi	Tourghondi	1	0	35Y	Housewife	
31/07/22		Shindand	Robat now	1	0	22Y	Other	
03/08/22		City	Jabail	1	0	53Y	Other	
03/08/22		Robat sangi	Popazie	1	0	27Y	Farmer	
06/08/22		Karokh	Shast taka	1	0	45Y	Farmer	
06/08/22		Guzara	Khatamuanbia	1	0	28Y	Housewife	
04/08/22	Kabul	Qarah bagh	Bagh gharq	1	0	37Y	Butcher	
04/08/22		District 5	Charaie Qambar	1	0	25Y	Butcher	
04/08/22		Bagrami	Shewaki	1	0	17Y	Butcher	
04/08/22		District 17	Khair Khana	1	0	79Y	Butcher	
06/08/22		Paghman	Bara Arghandi	1	0	25Y	Butcher	
06/08/22		District 17	Khair Khana	1	0	17Y	Butcher	
06/08/22		District 10	Bibi Mahroo	1	0	43Y	Bucher	
06/08/22		District 5	Gul Khana	1	0	53Y	Housewife	
06/08/22		District 12	Ahmad Shah Baba	1	0	33Y	Housewife	
31/07/22		Kunduz	Kunduz	Kanam	1	0	60	Housewife
03/08/22	Nangarhar	Khiwa	Shat Khan	1	0	85Y	Other	
04/08/22		Khiwa	Khiwa	1	0	41Y	Housewife	
03/08/22	Parwan	Said khail	Ebrahim khail	1	0	15Y	Housewife	
06/08/22	Takhar	Taluqan	Ortabaz	1	0	55Y	Other	

AWD outbreaks from (Kandahar, Saripul, and Takhar) Provinces

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/ Action take
01/08/22	Kandahar	Kandahar city	Nahia 07	8	0	During this week 03 AWD outbreaks were reported from Kandahar, Saripul, 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.
31/07/22	Saripul	Kohestanat	Jorghan	327	0	
31/07/22	Takhar	Ishkamish	Bad Gazar	782	0	

Clinical Chickenpox outbreaks from (Ghor) province

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
31/07/22	Ghor	Pasaband	Surkh Sarai	17	0	During this week 02 Chickenpox outbreaks were reported from Ghor province. Case management was done for all the cases and health education sessions were conducted in the field.
01/08/22		Firozkoh	Gul Dara	23	0	

Suspected Measles outbreak (Urozgan province)

Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Deaths	Vaccination coverage		Recommendation/Action taken
								Reported	Assessed	
31/07/22	Urozgan	Chora	Kaash	13	5	18	0	59%	20%	In this week, 01 suspected Measles outbreak was reported from Urozgan province. The outbreak was investigated, case management was done for all the cases. Also, health education session was conducted. Vaccination of children in the surrounding villages of the affected area is going on.

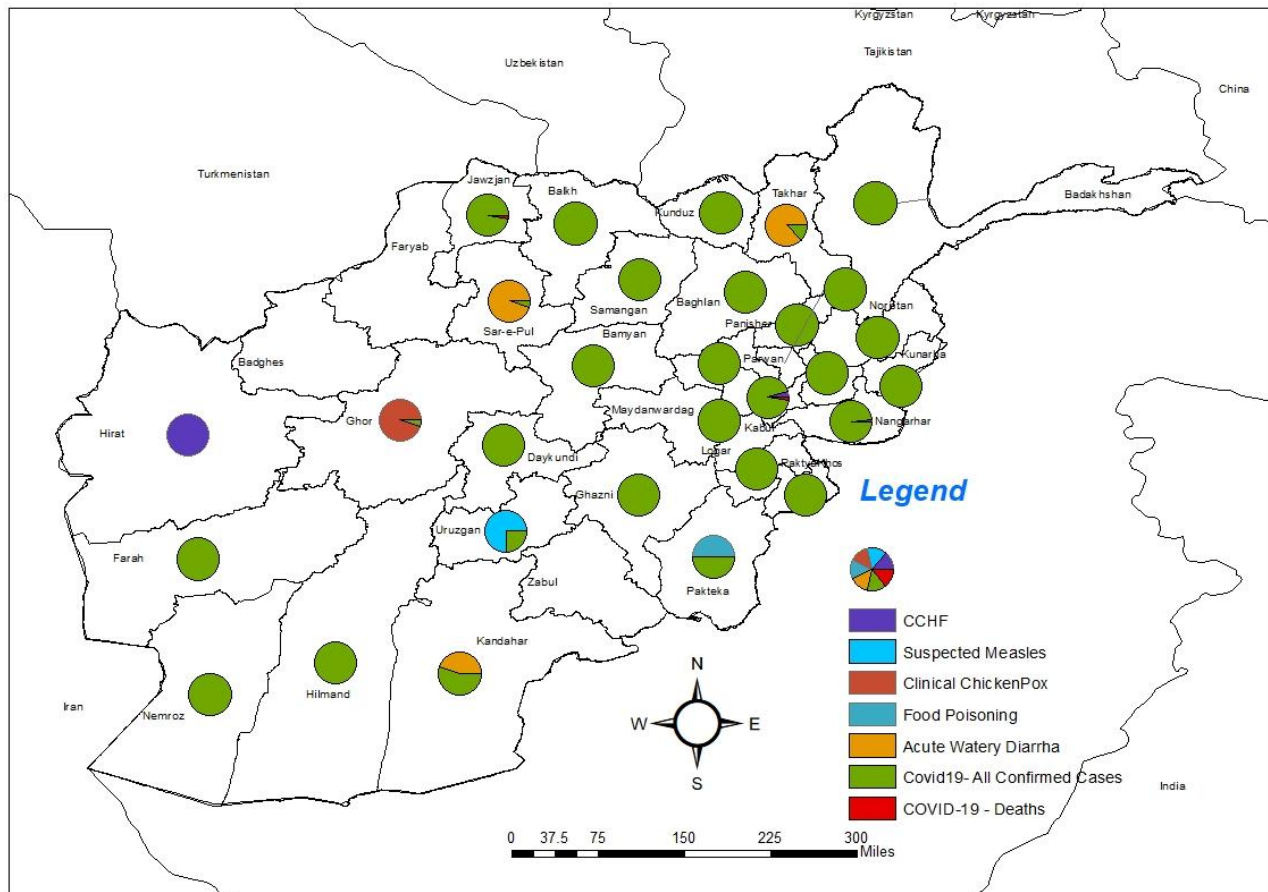
Food Poisoning outbreak from (Paktika) province

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
02/08/22	Paktika	Sarobi	Amman khel	18	0	During this week 01 Food poisoning outbreak was reported from Paktika province. Case management was done, health education sessions were conducted.

Table 4: Updated outbreaks report during 2022 (26 Dec 2021 to 06, Aug 2022)

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	238	152	3409	107
CCHF	250	64	251	11
Dog bites/Suspected Rabies	14	1	84	0
Pertussis	24	1	130	0
Acute Watery Diarrhea	45	11	2945	0
Food Poisoning	12	0	314	2
Unknown Poisoning	1	0	5	2
Scabies	7	0	112	0
Chickenpox	23	1	233	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
Dengue fever	1	0	4	0
COVID-19	1	1	32511	475
Grand Total	623	231	40104	597

Figure 4: Distributions of COVID-19, CCHF, Acute Watery Diarrhea, Chickenpox, food poisoning and Measles cases and deaths during the week 31st



Laboratory surveillance:

A total of **10432** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **1776** specimens were confirmed for COVID-19, **50** specimens were confirmed for Measles, **05** specimens were confirmed for Acute Watery Diarrhea, **19** specimens were confirmed for Malaria (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 31th 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, 152 (4.4%) Severe Acute Respiratory Infections cases were reported and 68% were under 5 years old. The proportion of SARI cases was slightly increased compared to week 30th 2022. 08 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 (17%), Kapisa (13.5%), and Baghlan (13%). During this Epi-week, our field staff shipped 26 SARI and 18 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

In this week, **9,747** specimens were tested for suspected COVID-19. Out of which **1776** samples were confirmed for COVID-19 by rtPCR.

- COVID-19 cases increased **61%** compared to last week.
- Bed occupancy rate (BOR) at the national level was **70.3%**, which decreased 8.1% compared to last week.
- Out of **3280** contacts of **931** 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 **33384** passengers have been screened for COVID-19 in the points of entry of five provinces (Balkh, Hirat, Nangarhar, Kandahar and Nimroz).

Challenges:

- COVID-19 cases, and the positivity rate is in the increasing trend, in this week the average positivity rate at national level was 17% and 05 deaths due to COVID-19 were reported.
- AWD outbreaks and Diarrheal diseases cases are also increased compared to the corresponding week of the last year, in this week 2.5% more AWD cases reported compared to the corresponding week of last year.
- Response mechanism for the control of CCHF cases is not clear.
- Suspected Measles cases and outbreaks are still a public health challenge as in this week **8,22** measles cases and 2 deaths due to measles were reported to the surveillance system.

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.
- Preventive and control measures should be strengthened for CCHF cases, especially in Kabul and Herat provinces as in this week 76.2% of the total CCHF cases are reported from Kabul and Herat provinces.
- Measles response strategy should be revised, moreover the routine vaccination coverage should also be improved.
 - **EPI:** As the surveillance system detected **8,22** suspected Measles cases, with **2** 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.