

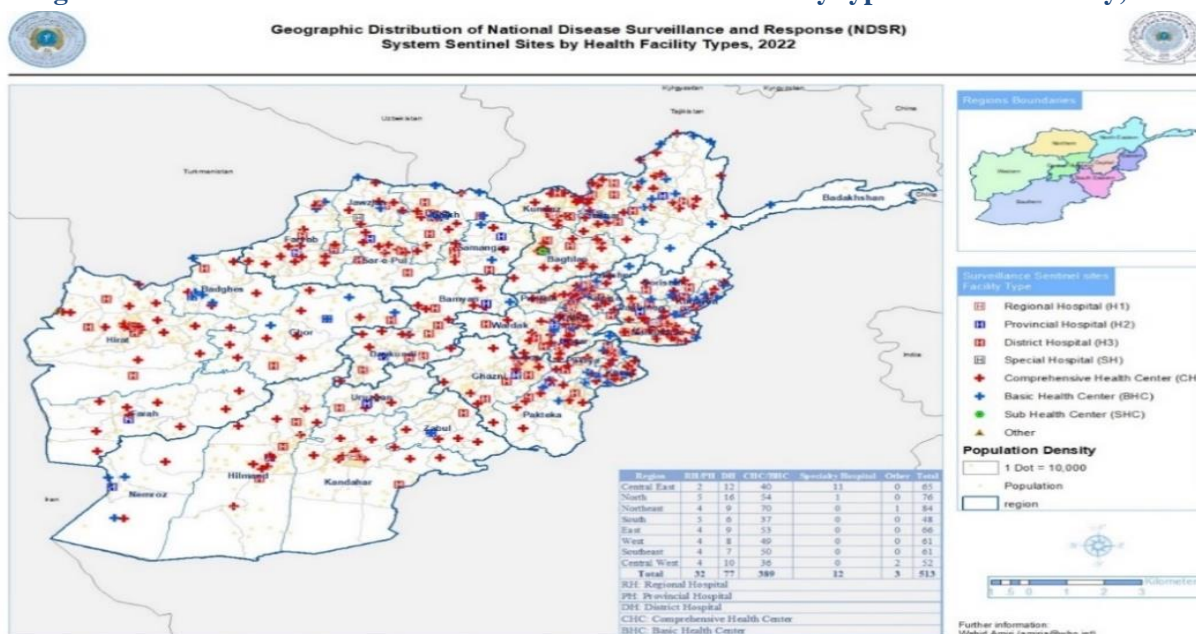
National Disease Surveillance  
& Response (NDSR)NDSR Weekly Epidemiological Report 32<sup>nd</sup>

Date: 07-13 /08/2022

## Summary:

- Out of 519 functional Surveillance sentinel sites, 501 (96.5%) have submitted reports this week.
- A total of 576,813 new consultations, 231,811 (40.2%) were due to Surveillance targeted diseases. That included 122,071 males (52.7%) and 109,740 females (47.3%). Also, 111,448 (48.1%) under five years old and 120,363 (51.9%) five years old and over, reported this week.
- The main causes of consultations this week were Acute Diarrheal Diseases 104,321 cases (18.1%) out of total new consultations, ARI Cough & Cold, 103,337 cases (17.9%) out of total new consultations, and Pneumonia, 16,512 cases (2.9%) out of total new consultations.
- A total of 214 deaths were reported this week, of which 52 deaths (24.3%) were due to Surveillance targeted diseases deaths, which include 33 Pneumonia deaths, 06 COVID-19 Deaths, 07 Acute Watery Diarrhea (AWD) deaths, 02 Suspected Acute Viral Hepatitis deaths, 02 Suspected Measles deaths, 01 Acute Bloody Diarrhea death and 01 Suspected Meningitis/ Severely Ill Child death.
- In addition, during this week **30** outbreaks reported (**24 suspected CCHF** Outbreaks were reported from Baghlan, Balkh, Bamyan, Farah, Herat, Kabul, Kandahar, Kapisa, Logar, Nimroz, Parwan and Saripul provinces, **03 AWD** outbreaks were reported from Urozgan, Ghazni, and Panjshir Provinces, **02 suspected Measles** outbreaks were reported from Zabul and Badghis provinces and **01 pertussis outbreak** was reported from Kapisa province.
- Moreover, 1587 COVID-19 confirmed cases were reported at the national level.

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



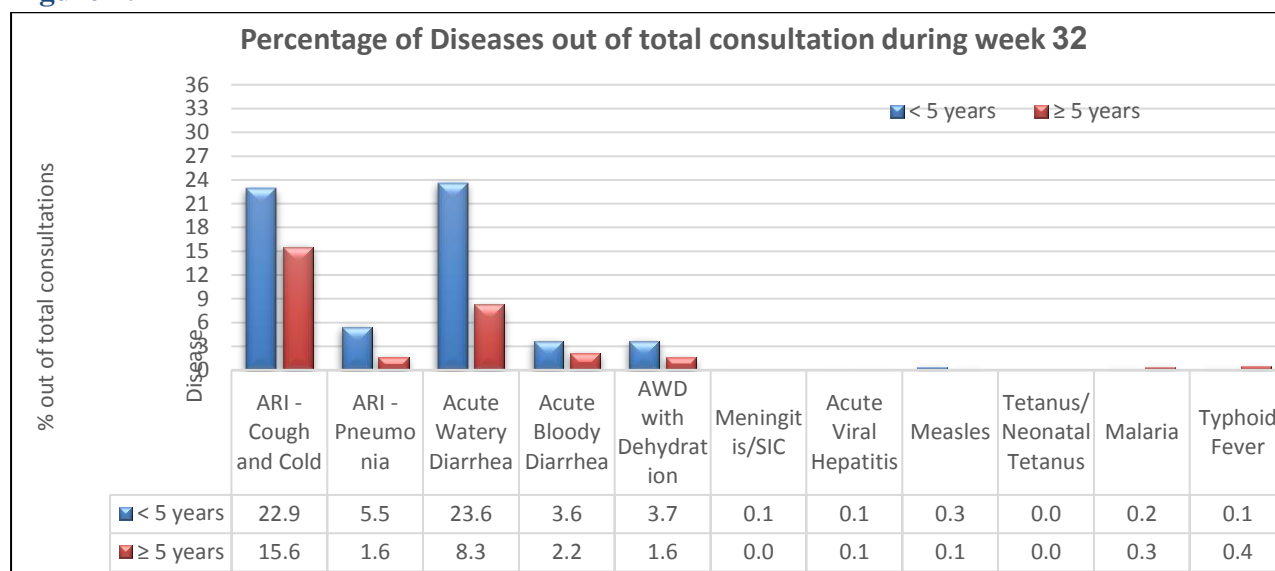
**Table 1: Coverage of NDSR Surveillance System**

Type of Health Facility	RH	PH	DH	CHC	BHC	NH/ Special Hospital	SHC	Other	Total
<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

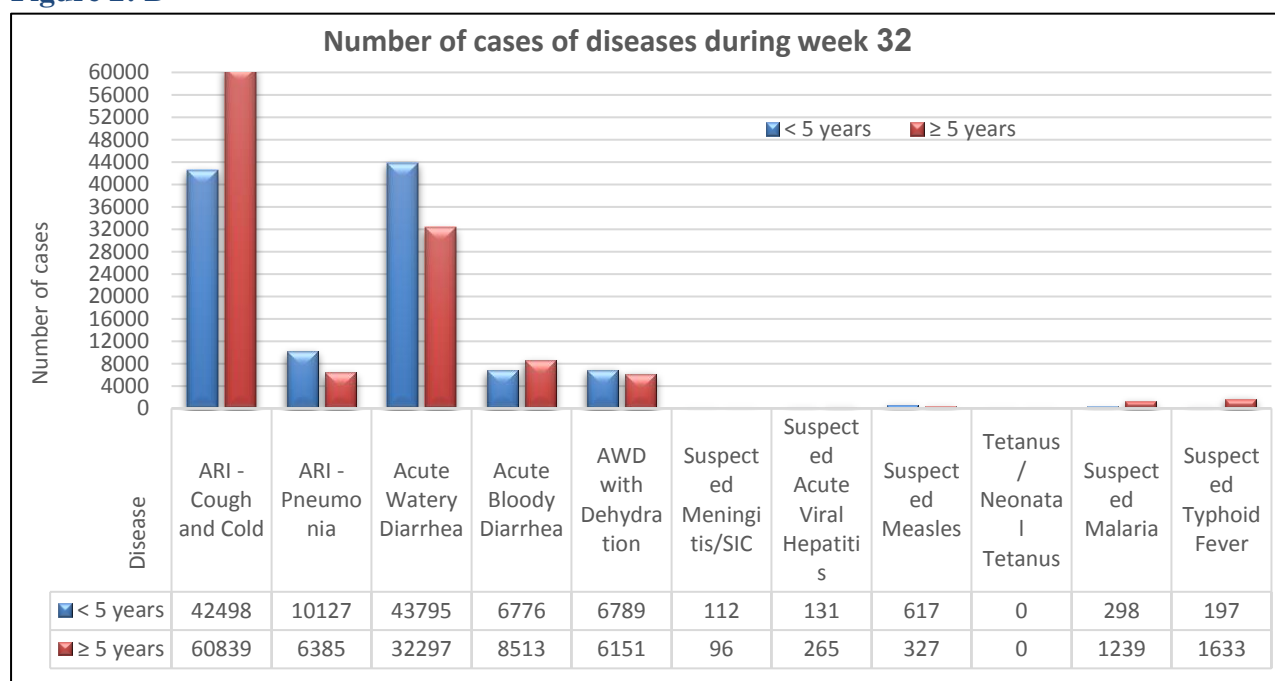
**Indicator – based Surveillance (IBS):**

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**

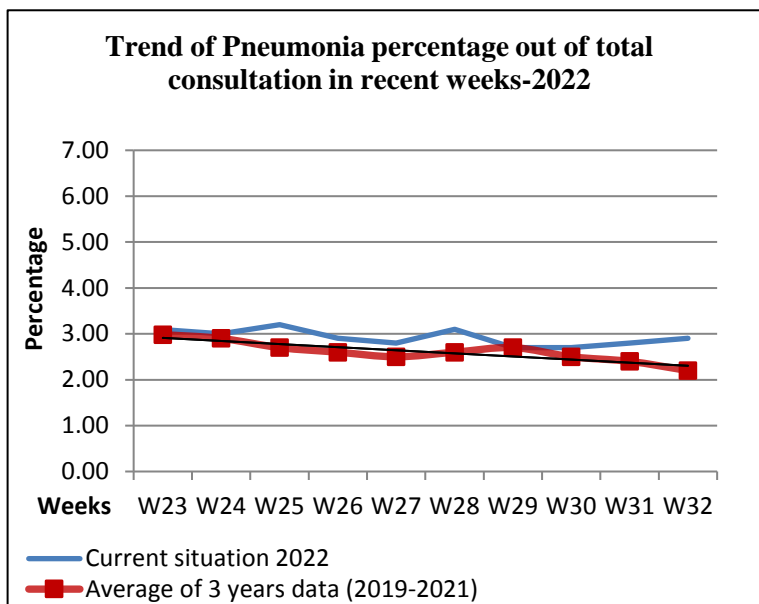


**Table 2: Cases and deaths due to VPDs by age group during week 32nd, 2022**

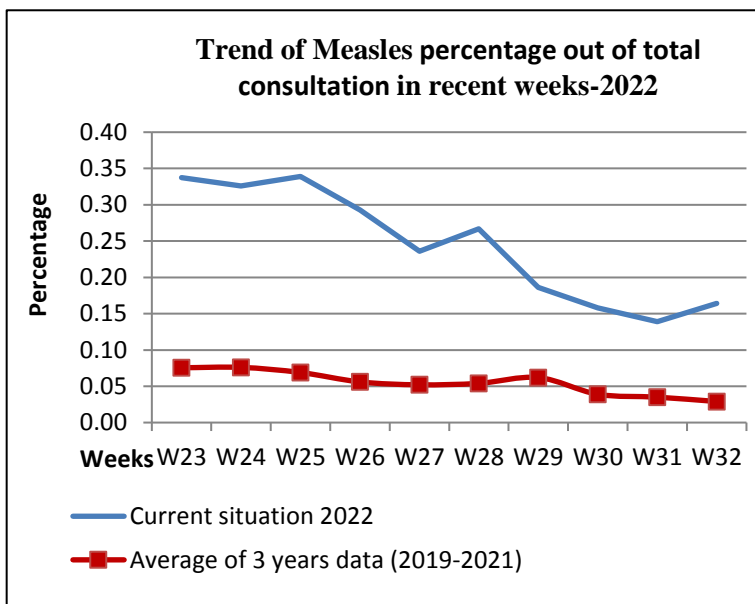
Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	617	327	944	2	0	2	0.21

### Seasonal Diseases:

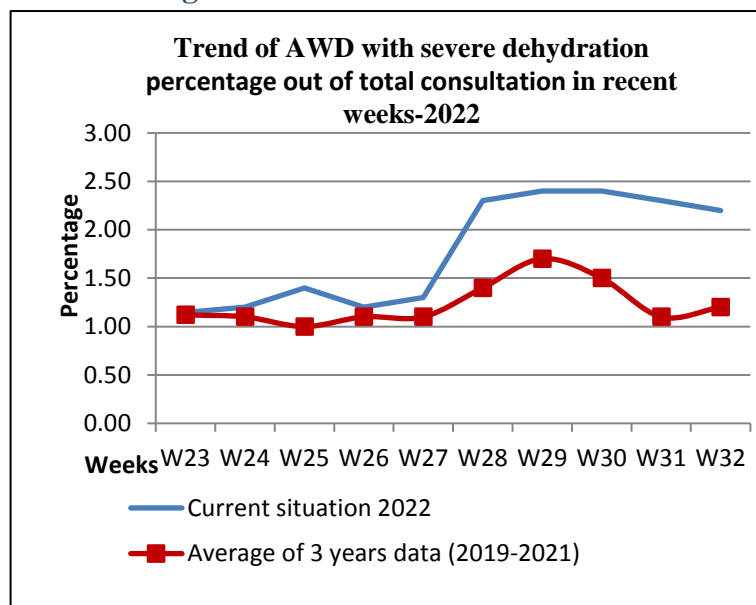
**Figure 3: A**



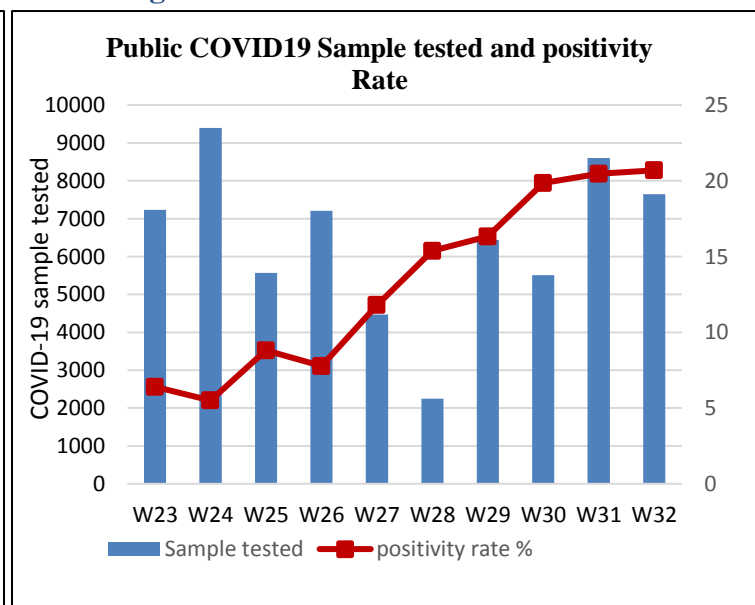
**Figure 3: B**



**Figure 3: C**



**Figure 3: D**



**Table 3: Outbreaks in week 32nd:**

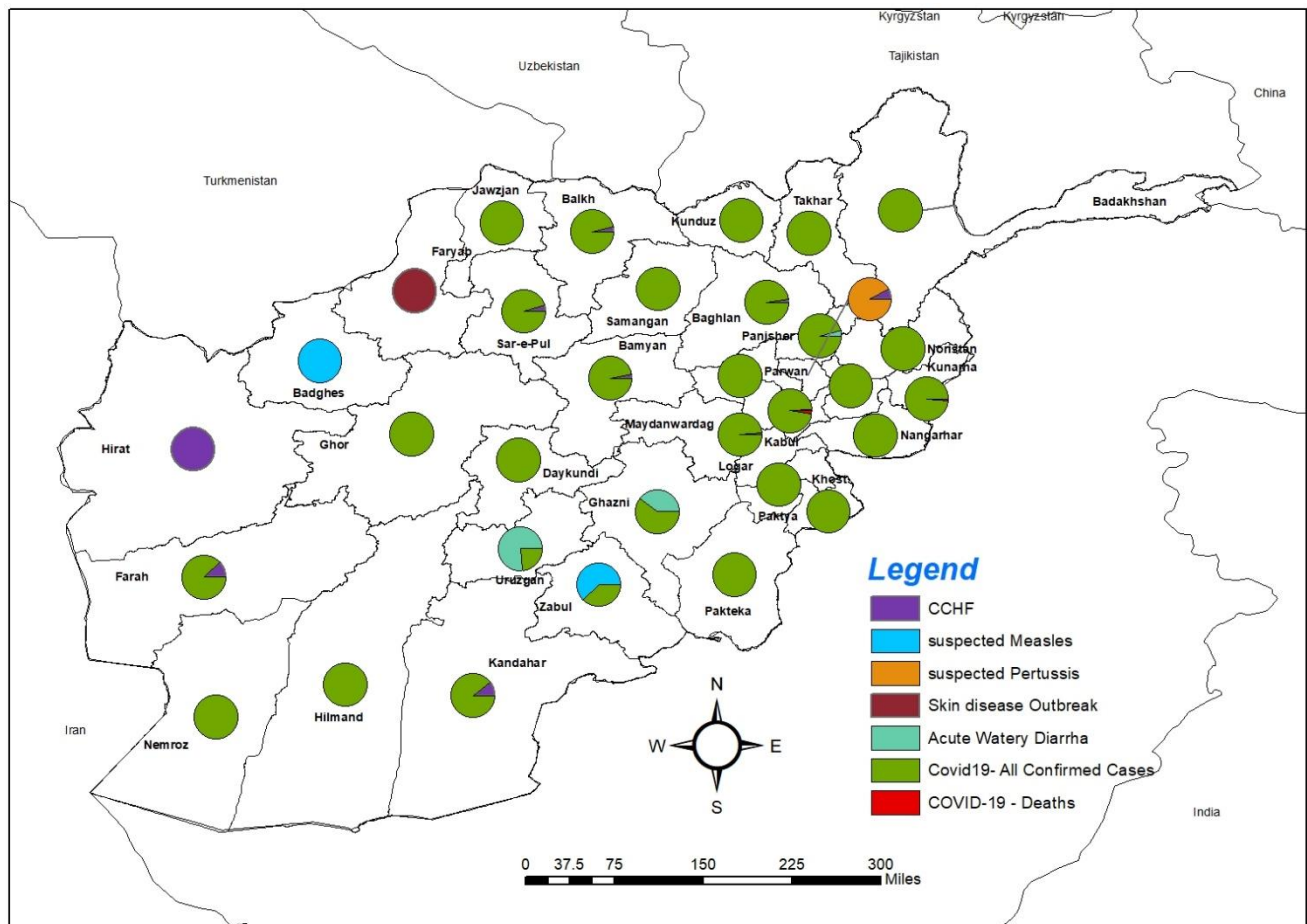
Suspected CCHF Cases ( Baghlan, Balkh, Bamyán, Farah, Herat, Kabul, Kandahar, Kapisa, Logar, Nimroz, Prwan and Saripul ) provinces								
Reported date	Province	District	Village	Total cases	Total deaths	Age	Occupatio n	Recommendation /Action taken
12/08/22	Baghlan	Baghlan	Dandi Ghoori	1	0	24Y	Farmer	During this week 24 suspected CCHF cases were reported from Baghlan, Balkh, Bamyán, Farah, Herat, Kabul, Kandahar, Kapisa, Logar, Nimroz, Parwan and Saripul 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.
08/08/22		Pulikhomri	Khadar Khal	1	0	25Y	Farmer	
08/08/22	Balkh	Mazar-i-Sharif	Nawabad	1	0	18Y	Butcher	
08/08/22		Charkent	Tangi Shadiyan	1	0	40Y	Farmer	
09/08/22	Bamyán	Panjab	Toorak	1	0	24Y	Farmer	
07/08/22	Farah	Farah rod	Now bahar	1	0	30Y	Butcher	
08/08/22	Herat	Poshton Zarghon	Mindijo	1	0	22Y	Farmer	
08/08/22		Injil	Pron	1	0	73Y	Housewife	
09/08/22		Injil	Gal sharin	1	0	20Y	Other	
10/08/22		City	Area 4	1	0	22Y	Butcher	
10/08/22		City	Area 4	1	0	46Y	Other	
10/08/22		Injil	Shalbafan	1	0	35Y	Housewife	
13/08/22		Shindand	Khaja noor	1	0	37Y	Farmer	
13/08/22		City	Pain ab	1	0	19Y	Other	
12/08/22		Injil	Jafar abad	1	0	40Y	Housewife	
07/08/22	Kabul	District 17	Khair Khana	1	0	25Y	Housewife	
12/08/22		Kabul	Qarah Bagh	1	0	32Y	Shepherd	
13/08/22	Kandahar	City	Shahre now	1	0	20Y	Butcher	
13/08/22		City	Shahre now	1	0	15Y	Butcher	
08/08/22	Kapisa	Markaz	Qowle Pain	1	0	27Y	Farmer	
12/08/22	Logar	Logar	Logar	1	0	50Y	Other	
10/08/22	Nimroz	Center	Sia chashma	1	0	37Y	Other	
12/08/22	Parwan	Parwan	Bagrarm	1	0	18Y	Other	
09/08/22	Saripul	Saripul	Besot	1	0	16Y	Other	
AWD outbreaks from ( Urozgan, Ghazni, and Panjshir ) Provinces								
Reported date	Province	District	Village	Total cases	Total deaths	Recommendation/ Action take		
07/08/22	Urozgan	khaz rozgan	Abafran	157	0	During this week 03 AWD outbreaks were reported from Urozgan, Ghazni, and Panjshir 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.		
07/08/22	Ghazni	Giru	Hokam Qala	34	0			
10/08/22	Panjshir	Anaba	Aspina	1	0			

Pertussis outbreak from (Kapisa) province										
Reported date	Province	District	Village	Total cases		Total deaths	Recommendation/Action take			
11/08/22	Kapisa	Nejrab	Rozakhil	12		0	During this week <b>01</b> pertussis outbreak was reported from Kapisa province. Case management was done for all the cases and health education sessions were conducted in the field.			
Suspected Measles outbreaks ( Zabul and Badghish ) provinces										
Repo rted date	Provinc e	Distric t	Village	<5 cases	≥5 cases	Total cases	Deaths	Vaccination coverage		Recommendation/Action taken
								Repo rted	Assess ed	
07/08/ 22	Zabul	Siory	Bdin	18	18	36	0	97%	6%	In this week, <b>02</b> suspected Measles outbreaks were reported from Zabul and Badghish provinces. The outbreaks investigated and all the cases managed. Also, health education sessions were conducted. Vaccination of children in the surrounding villages of the affected area is going on.
10/08/ 22	Badghis	Qadis	Molla yamen	4	1	5	1	70%	54%	

**Table 4: Updated outbreaks report during 2022 (26 Dec 2021 to 13 Aug 2022)**

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	240	170	3450	108
CCHF	274	74	275	11
Dog bites/Suspected Rabies	14	1	84	0
Pertussis	25	1	142	0
Acute Watery Diarrhea	48	11	3137	0
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
COVID-19	1	1	34089	481
<b>Grand Total</b>	<b>655</b>	<b>259</b>	<b>41963</b>	<b>604</b>

**Figure 4: Distributions of COVID-19, CCHF, Acute Watery Diarrhea, Chickenpox, food poisoning and Measles cases and deaths during the week 32nd**



### Laboratory surveillance:

A total of **9134** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **1,587** specimens were confirmed for COVID-19, **10** specimens were confirmed for Measles, **07** specimens were confirmed for Acute Watery Diarrhea, **24** specimens were confirmed for Malaria, **05** specimens were confirmed for Brucellosis (Follow-up by the CPHL is going on).

### Influenza Surveillance activities:

In Epidemiological week 32<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 Paktia). Out of all new hospital admissions, 168 (4.2%) Severe Acute Respiratory Infections cases were reported and 64% were under 5 years old. The proportion of SARI cases was slightly decreased compared to week 31<sup>th</sup> 2022. 08 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 (15%), Kapisa (12.4%), and Bamyan (11.8%) 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, **8,453** specimens were tested for suspected COVID-19. Out of which **1,587** samples were confirmed for COVID-19 by rtPCR.



- COVID-19 cases positivity rate was 18.8% in this week, which increased 0.6% compared to last week.
- Bed occupancy rate (BOR) at the national level was **66.6%**, which decreased 3.7% compared to last week.
- Out of **2,956** contacts of **1360** 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 **23,747** passengers have been screened for COVID-19 in the points of entry of four provinces (Balkh, Nangarhar, Kandahar and Nimroz).

#### Challenges:

- COVID-19 cases positivity rate is in the increasing trend, in this week the average positivity rate at national level was 18.8% and 06 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 2.3% more AWD cases reported compared to the corresponding week of last year.
- Suspected Measles cases and outbreaks are still a public health challenge as in this week **985** measles cases (which increased 19.8% compared to previous week) and 3 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.
- Measles response strategy should be revised, moreover the routine vaccination coverage should also be improved.
  - **EPI:** As the surveillance system detected **9,85** suspected Measles cases, with **03** 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.