

Summary:

- Out of 519 functional Surveillance sentinel sites, 505 (97.3%) have submitted reports this week.
- A total of 564,804 new consultations, 226,714 (40.1%) were due to Surveillance targeted diseases. That included 119,602 males (52.8%) and 107,112 females (47.2%). Also, 110,075 (48.6%) under five years old and 116,639 (51.4%) five years old and over, reported this week.
- The main causes of consultations this week were Acute Diarrheal Diseases 104,163 cases (18.4%) out of total new consultations, ARI Cough & Cold, 100,288 cases (17.8%) out of total new consultations, and Pneumonia, 15,175 cases (2.7%) out of total new consultations.
- A total of 236 deaths were reported this week, of which 68 deaths (28.9%) were due to Surveillance targeted diseases deaths, which include 32 Pneumonia deaths, 10 COVID-19 Deaths, 09 Acute Watery Diarrhea (AWD) with Dehydration deaths, 09 Suspected Meningitis/ Severely Ill Child deaths, 04 Acute Watery Diarrhea (AWD) death, 02 Suspected Measles deaths, 01 Suspected Hemorrhagic Fever death and 01 Pregnancy-related death.
- A total of 892 Measles suspected cases with 02 deaths were reported in this week.
- In addition, during this week **36** outbreaks, **25 suspected CCHF** Outbreaks were reported from Baghlan, Balkh, Farah, Herat, Kabul, Kandahar, Kunduz, Nangarhar, Parwan and Takhar provinces, **03 AWD** outbreaks were reported from Logar and Ghazni Provinces, **02 Chickenpox** outbreaks were reported from Baghlan and Paktika provinces , **02 Food poisoning** outbreaks were reported from Kunar and Nooristan provinces, **02 pertussis** outbreaks were reported from Kunduz, Urozghan provinces, **01 Measles** outbreak was reported from Laghman province and **01 Unknown poisoning** outbreak was reported from Badghis province.
- Moreover, 1103 COVID-19 confirmed cases were reported at the national level.

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

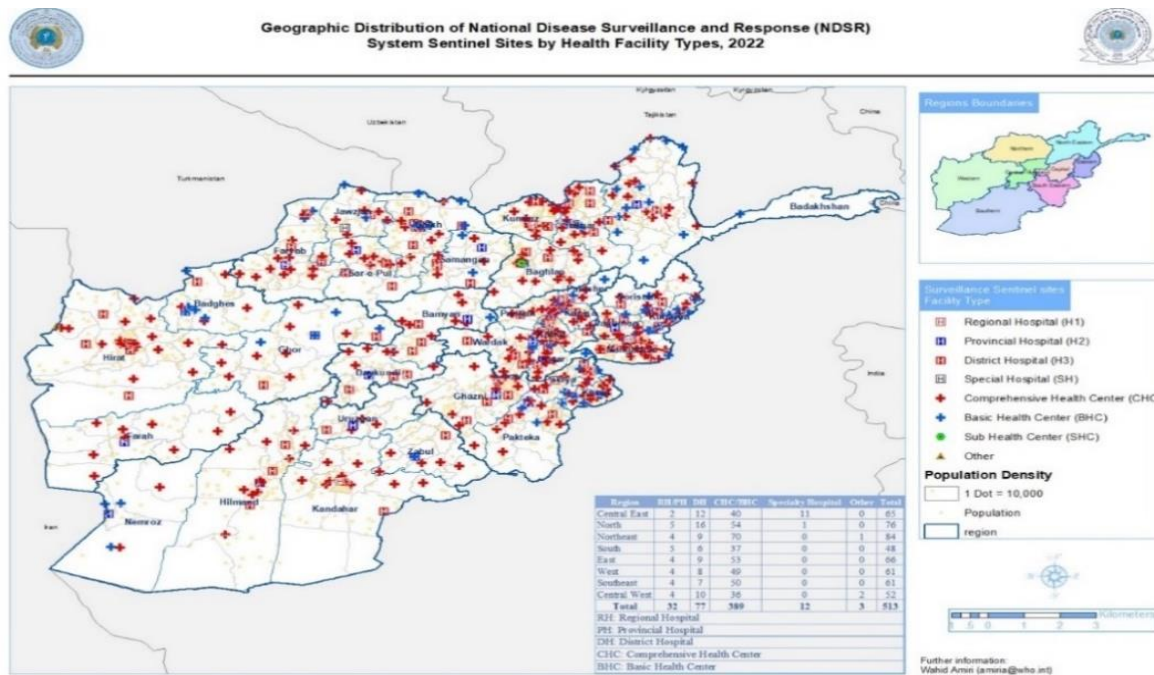


Table 1: Coverage of NDSR Surveillance System

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

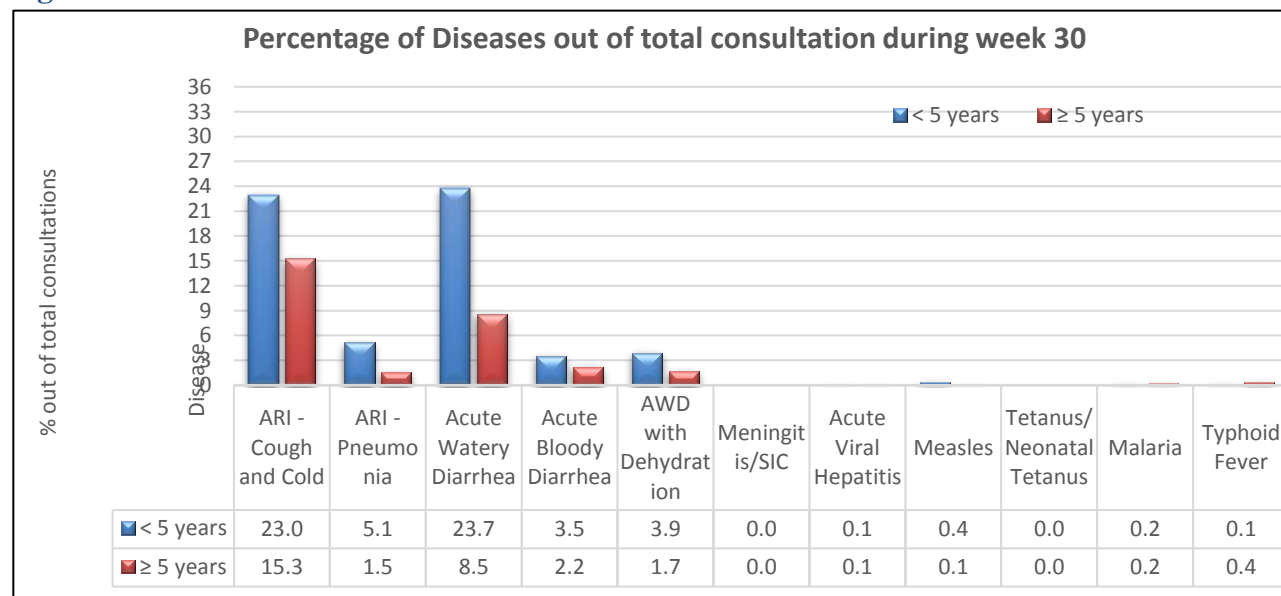


Figure 2: B

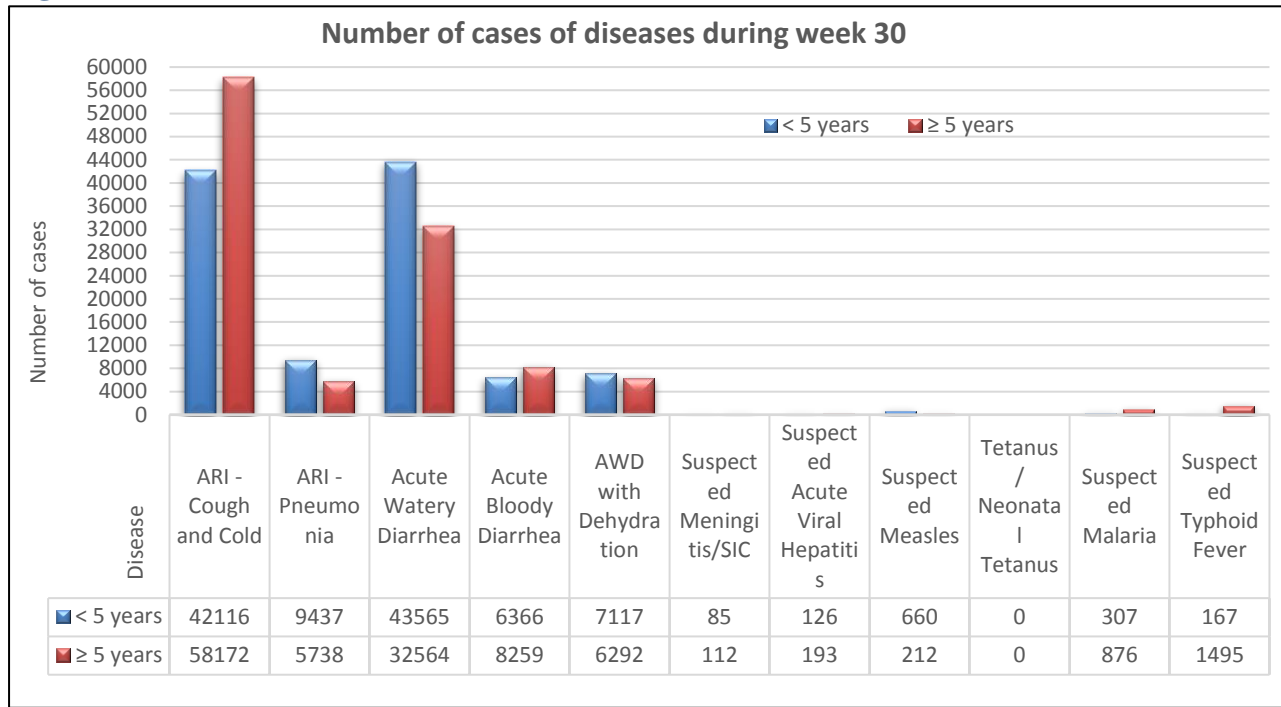


Table 2: Cases and deaths due to VPDs by age group during week 30th, 2022

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	660	212	872	2	0	2	0.23

Seasonal Diseases:

Figure 3: A

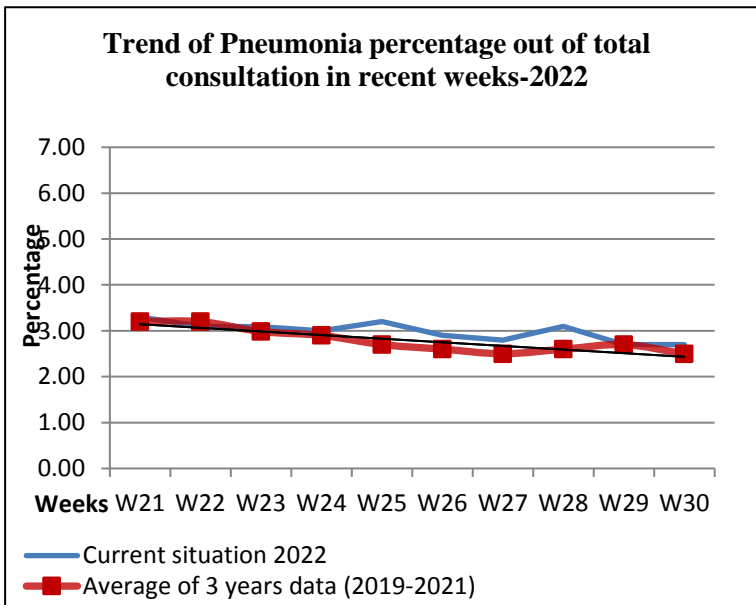


Figure 3: B

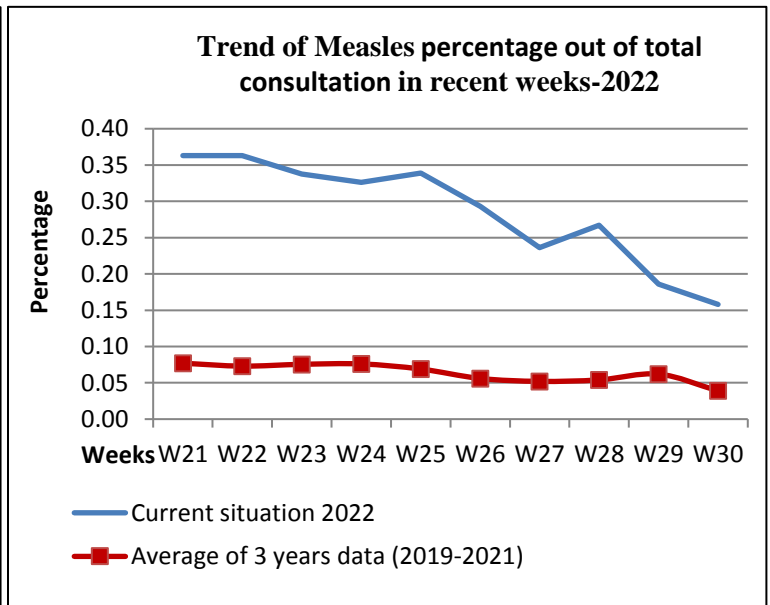


Figure 3: C

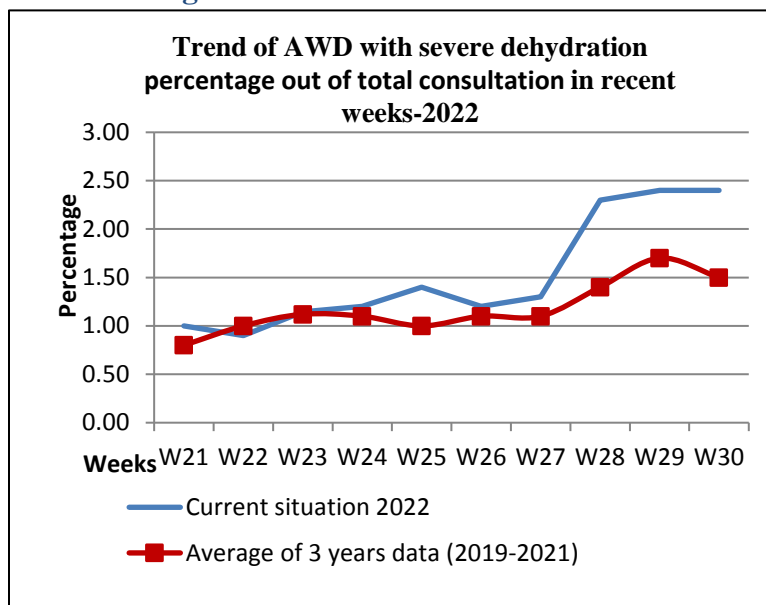


Figure 3: D

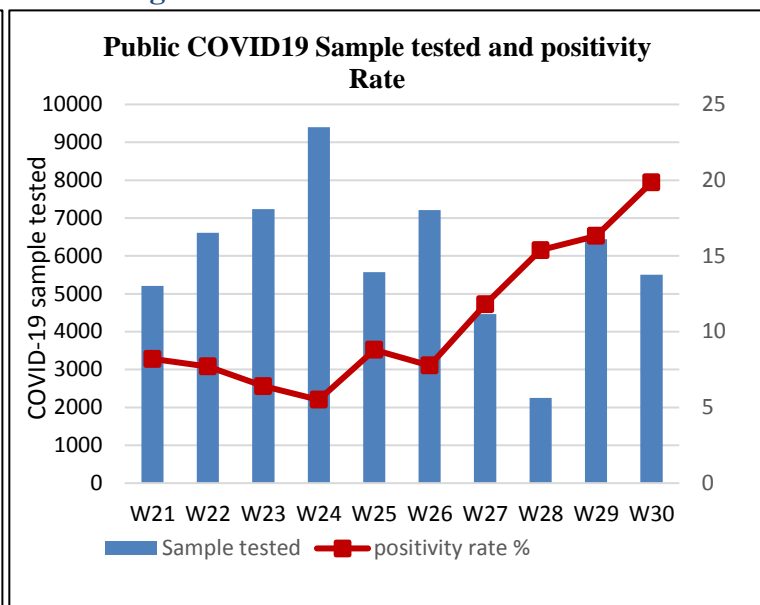


Table 3: Outbreaks in week 30th:

Suspected CCHF Cases (Baghlan, Balkh, Farah, Herat, Kabul, Kandahar, Kunduz, Nangarhar, Parwan, Takhar) provinces									
Reported dated	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation /Action taken	
26/07/22	Baghlan	Jelga	Gudri	1	0	45Y	House wife	During this week 25 suspected CCHF cases were reported from Baghlan, Balkh, Farah, Herat, Kabul, Kandahar, Kunduz, Nangarhar, Parwan and Takhar provinces.	
27/07/22		Narin	Narin	1	0	30Y	House wife		
28/07/22	Balkh	Mazar-i-Sharif	Qaramqul	1	0	54Y	Other		
24/07/22	Farah	Bala balock	Bazow	1	0	23Y	Farmer		
25/07/22		Farah rod	Roj	1	0	17Y	Other		
30/07/22		Farah rod	Kariz ab	1	0	20Y	House Wife		
24/07/22	Herat	City	Minarat	1	0	20Y	Other		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
24/07/22		Injil	Emam shish noor	1	0	18Y	Other		
24/07/22		Injil	Ab jalil	1	0	25Y	Farmer		
25/07/22		Guzara	Sar jangal	1	0	18Y	Other		
25/07/22		Koshe kohna	Mldanha	1	0	37Y	Farmer		
26/07/22		Injil	Sar Asiab	1	0	19Y	Other		
30/07/22		Shindand	Bakht abad	1	0	35Y	House wife		

28/07/22	Kabul	City	Pland ab	1	0	32Y	House wife	preventive and control measures.
29/07/22		City	Barbe khosh	1	0	80Y	Other	
27/07/22		Paghman	Paghman	1	0	23Y	Butcher	
27/07/22		District 8	Karte Naw	1	0	20Y	Other	
27/07/22		Paghman	Shamochak	1	0	22Y	Shepherd	
28/07/22		Qarah bagh	Aistar ghich	1	0	24Y	Butcher	
26/07/22	Kandahar	City	Dand	1	0	35Y	House wife	
25/07/22	Kunduz	Khan abad	Daman chi bala	1	0	18Y	House wife	
24/07/22	Nangarhar	Sorkhroad	Shamshapor	1	0	50Y	House wife	
24/07/22		Khiwa	Abdul khil	1	0	20Y	House wife	
27/07/22	Parwan	Markaz	Markaz	1	0	40Y	Butcher	
27/07/22	Takhar	Chah ab	Darai bashir	1	0	40Y	House wife	

AWD outbreaks from (Logar, Ghazni) Provinces

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/ Action take
24/07/22	Logar	Puli alam	Qalai wazir	6	0	During this week 03 AWD outbreaks were reported from Logar and Ghazni 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.
24/07/22		M. Agha	Dewalak/dehnow	9	0	
24/07/22	Ghazni	Nawa	Mutakhail	226	0	

Clinical Chickenpox outbreak from (Baghlan, Paktika) provinces

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
24/07/22	Baghlan	Baghlan	Baghlan Qadim	7	0	During this week 02 Chickenpox outbreaks were reported from Baghlan and Paktika provinces. Case management was done for all the cases and health education sessions were conducted in the field.
25/07/22	Paktika	Sarobi	Abas khel Dara	9	0	

Suspected Measles outbreak (Laghman province)

Report ed dated	Provinc e	Distri ct	Village	<5 cases	≥5 cases	Total cases	Deaths	Vaccination coverage		Recommendation/Actio n taken
								Repo rted	Assesse d	
25/07/22	Laghman	Alingar	Gamba	19	1	20	0	0	47%	In this week, 01 suspected Measles outbreak was reported from Laghman 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. Follow-up reports will be shared.

Food Poisoning outbreaks from (Kunar, Nuristan) provinces

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
26/07/22	Kunar	Asadabad	Kerala	11	0	During this week 02 Food poisoning outbreaks were reported from Kunar and Nuristan provinces. Case management was done, health education sessions were conducted.
25/07/22	Nuristan	Wama	Aktaband	7	0	

Suspected Pertussis Outbreak from (Kunduz, Urozgan) provinces

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
24/07/22	Kunduz	Emam sahib	Bandari Alif Birdi	2	0	During this week 02 Suspected Pertussis outbreaks were reported from Kundoz and Urozgan provinces. Case management was done, health education sessions were conducted for all the cases.
25/07/22	Urozgan	Tarinkot	Nikzad	5	0	

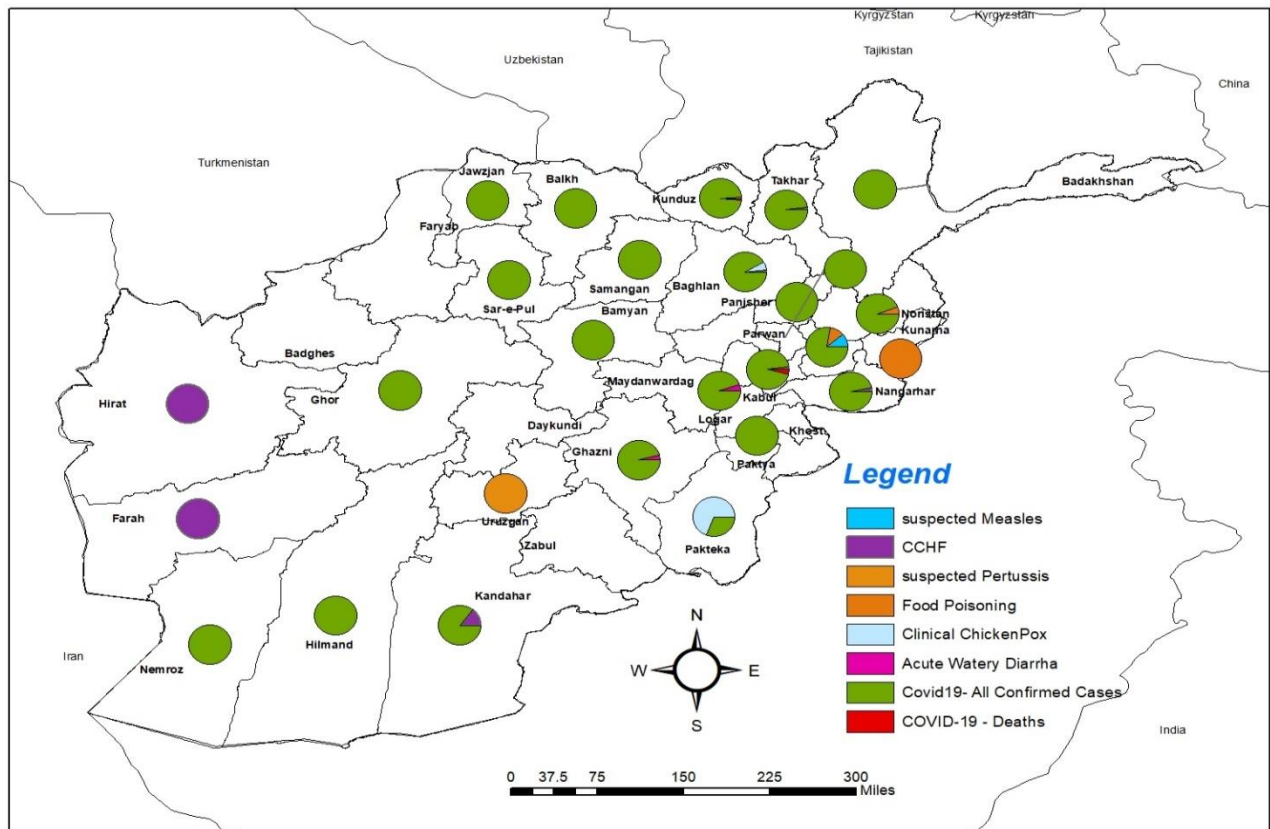
Unknown Poisoning Outbreak from Laghman province

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
27/07/22	Badghis	Qadis	Khakpul	5	2	During this week 01 Unknown poisoning outbreak was reported with 02 deaths from Badghis province.

Table 4: Updated outbreaks report during 2022 (26 Dec 2021 to 30, July 2022)

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	237	152	3391	107
CCHF	229	64	230	11
Dog bites/Suspected Rabies	14	1	84	0
Pertussis	24	1	130	0
Acute Watery Diarrhea	42	11	1828	0
Food Poisoning	11	0	296	2
Unknown Poisoning	1	0	5	2
Scabies	7	0	112	0
Chickenpox	21	1	193	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	30732	470
Grand Total	595	231	37111	592

Figure 4: Distributions of COVID-19, CCHF, Acute Watery Diarrhea, Chickenpox, Pertussis and Measles cases and deaths during the week 30th



Laboratory surveillance:

A total of **6916** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **1103** specimens were confirmed for COVID-19, **30** specimens were confirmed for Measles, 02 specimens were confirmed for Brucellosis, (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 30th 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, 101 (3.4%) Severe Acute Respiratory Infections cases were reported and 58% were under 5 years old. The proportion of SARI cases was slightly decreased compared to week 29th 2022. Four SARI-associated deaths were reported this week. At the 9 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kapisa (20.8%), Kabul (9%), and Baghlan (8%). During this Epi-week, our field staff shipped 20 SARI and 16 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

In this week, **6,865** specimens were tested for suspected COVID-19. Out of which **1103** samples were confirmed for COVID-19 by rtPCR.

- COVID-19 cases increased **4.54%** compared to last week.
- Bed occupancy rate (BOR) at the national level was **78.4%**, which increased 11.6% compared to last week.
- Out of **1862** contacts of **521** 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 **35091** 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, Bed occupancy rate (BOR) and the positivity rate is in the increasing trend, in this week the average positivity rate at national level was 16.1% and 10 deaths due to COVID-19 were reported.
- AWD outbreaks and Diarrheal diseases cases are also in the increasing trend at national level, in this week 2.3% more AWD cases were 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 **8,92** measles cases and 2 deaths due to measles were reported.

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 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 Herat and Kabul provinces as we have more CCHF cases from Herat and Kabul.
- Measles vaccination campaigns are needed to conduct based on the surveillance data, moreover the routine vaccination coverage should also improve.
 - **EPI:** As the surveillance system detected **8,92** 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.