

Summary:

- Out of 519 functional Surveillance sentinel sites, 504 (97.1%) have submitted reports this week.
- A total of 551,210 new consultations, 222,744 (40.4%) were due to Surveillance targeted diseases. That included 118,146 males (53%) and 104,598 females (47%). Also, 108,087 (48.5%) under five years old and 114,657 (51.5%) five years old and over, reported this week.
- The main causes of consultations this week were Acute Diarrheal Diseases 101,534 cases (18.4%) out of total new consultations, ARI Cough & Cold, 97,976 cases (17.8%) out of total new consultations, and Pneumonia, 15,134 cases (2.7%) out of total new consultations.
- A total of 212 deaths were reported this week, of which 42 deaths (19.8%) were due to Surveillance targeted diseases deaths, which include 17 Pneumonia deaths, 06 COVID-19 Deaths, 04 Acute Watery Diarrhea (AWD) with Dehydration deaths, 04 Suspected Meningitis/ Severely Ill Child deaths, 03 Suspected Measles deaths, 02 Acute Watery Diarrhea (AWD) deaths, 02 Suspected Acute Viral Hepatitis deaths, 03 Suspected Hemorrhagic Fever deaths and 01 Acute Bloody Diarrhea death.
- A total of 1,028 Measles suspected cases with 03 deaths were reported in this week.
- In addition, during this week 68 outbreaks, 51 suspected CCHF Outbreaks were reported from Badghis, Baghlan, Balkh, Farah, Faryab, Herat, Kabul, Kandahar, Kapisa, Kunduz, Mazar sharif, Samangan, and Takhar provinces, 14 AWD outbreaks were reported from Kapisa, Zabul, Nimroz, Kunar, Balkh, Wardak, and Parwan Provinces, 02 Chickenpox outbreaks were reported from Kapisa and Wardak provinces and 01 Measles outbreak was reported from Kapisa province.
- Moreover, 1055 COVID-19 confirmed cases were reported at the national level.

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

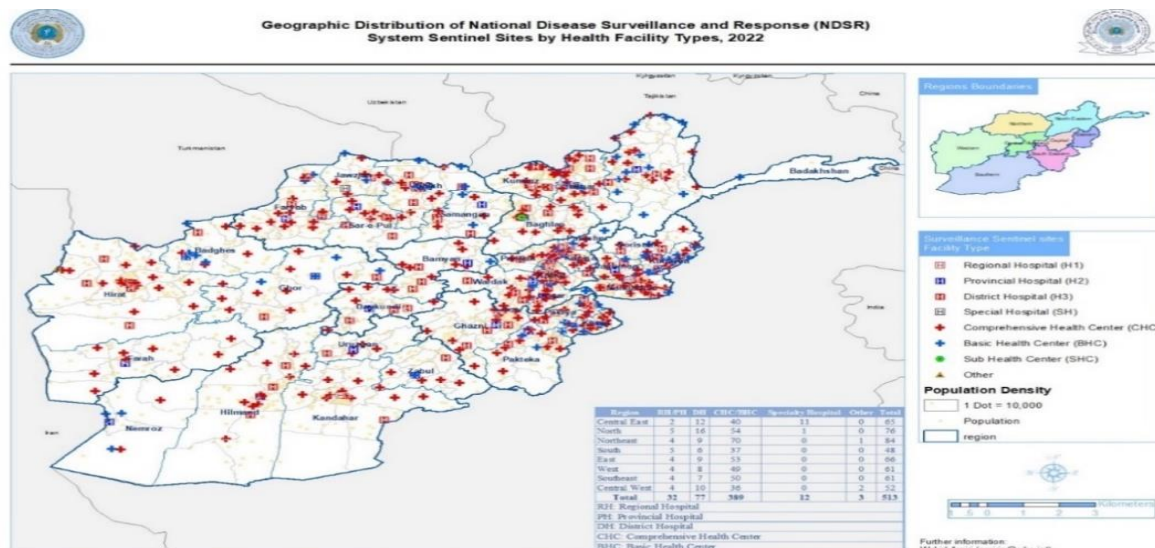


Table 1: Coverage of NDSR Surveillance System

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

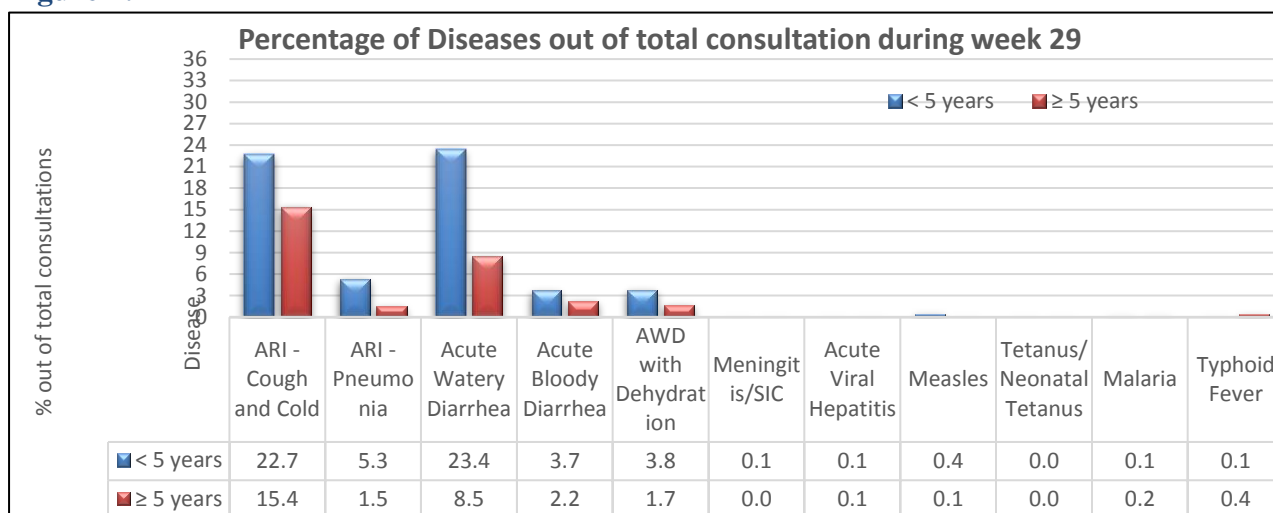


Figure 2: B

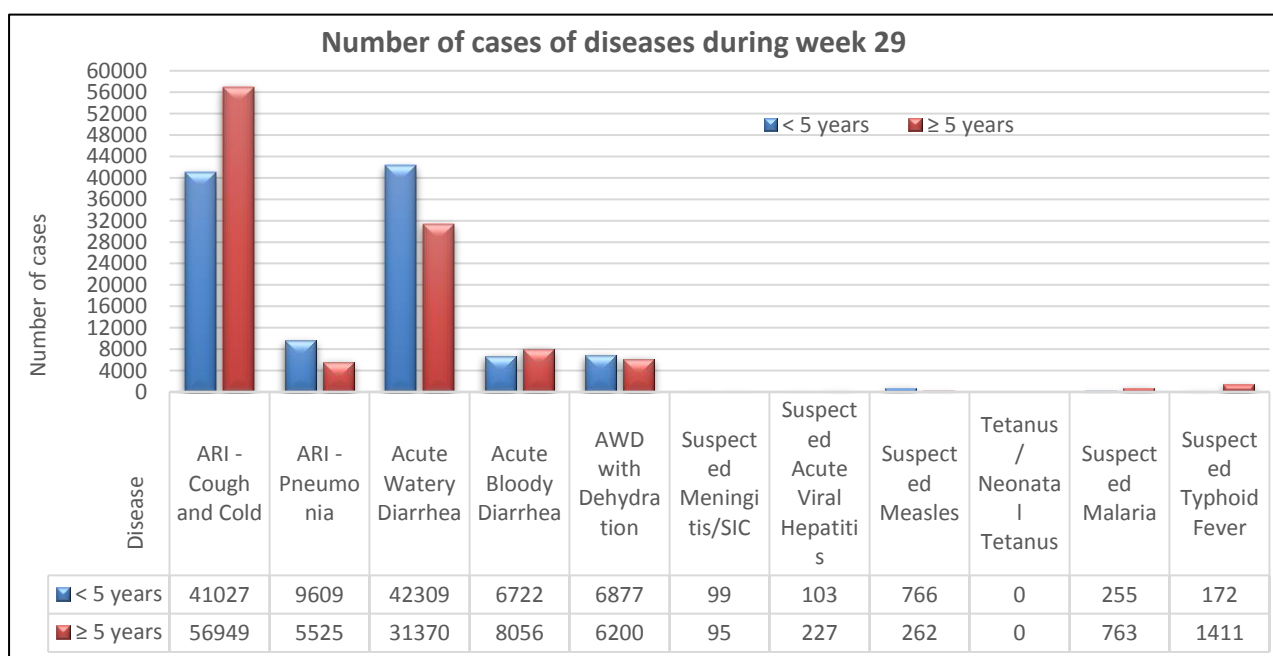


Table 2: Cases and deaths due to VPDs by age group during week 29th, 2022

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	766	262	1028	3	0	3	0.29

Seasonal Diseases:

Figure 3: A

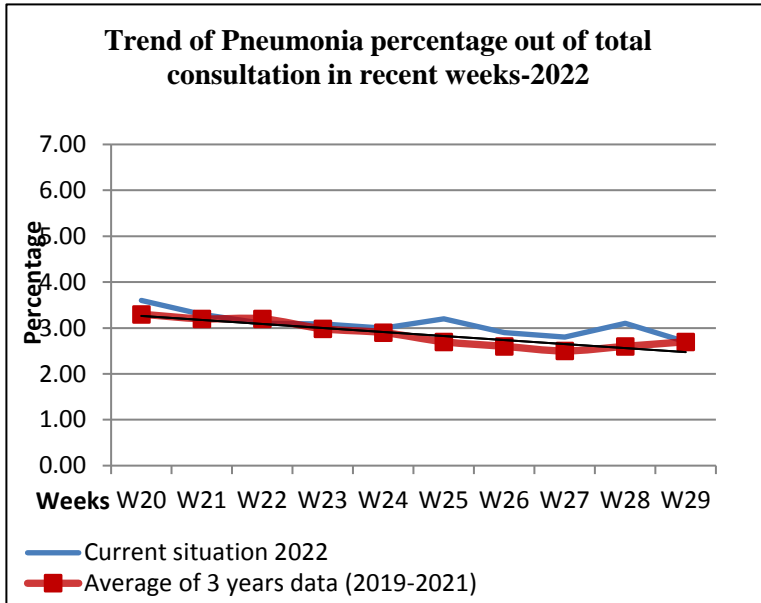


Figure 3: B

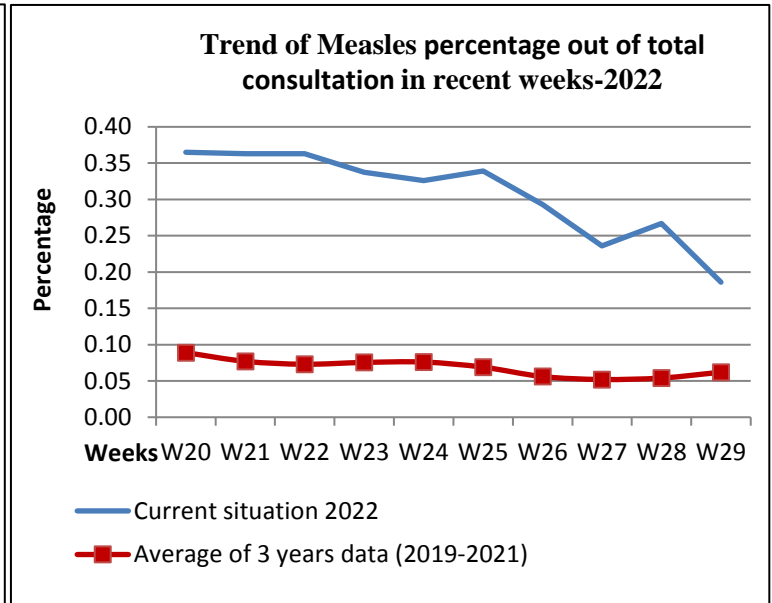


Figure 3: C

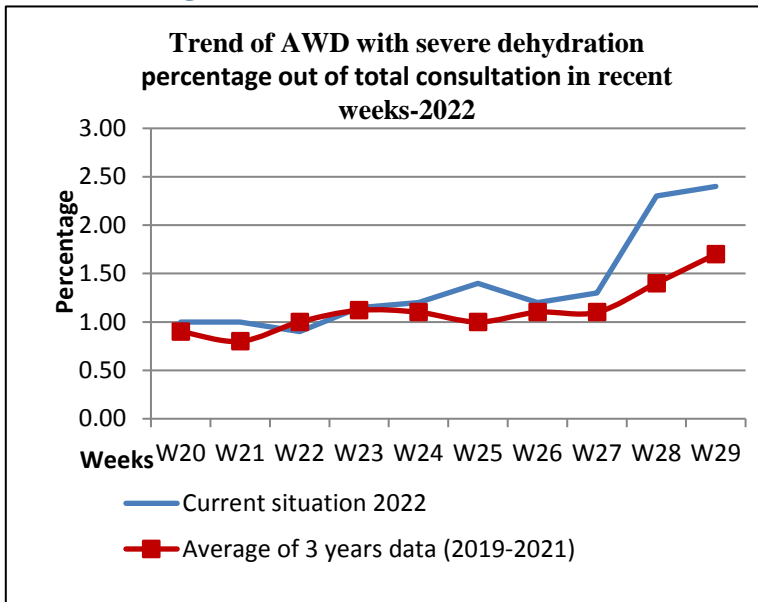


Figure 3: D

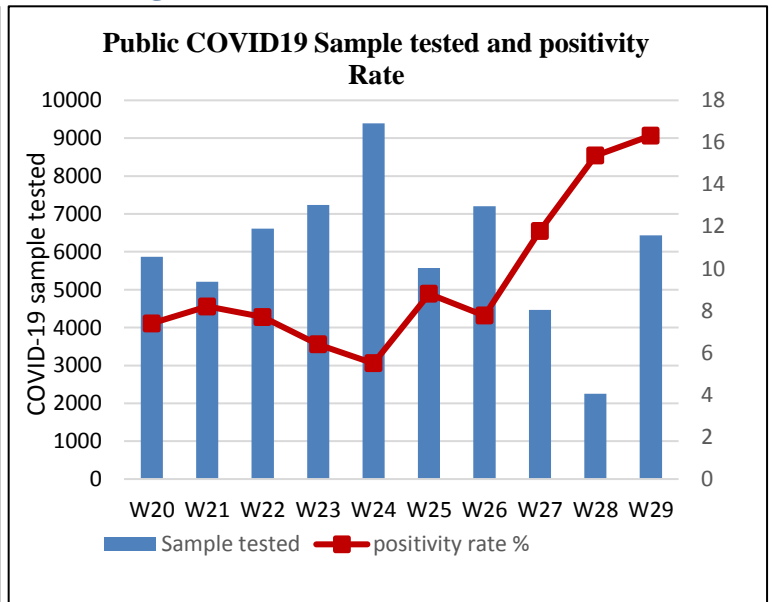


Table 3: Outbreaks in week 29th:

Suspected CCHF Cases (Badghis, Baghlan, Balkh, Farah, Faryab, Herat, Kabul, Kandahar, Kapisa, Kunduz, Mazar sharif, Samangan, Takhar) provinces								
Reported dated	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation /Action taken
17/07/2022	Badghis	Jawand	Nakhchirestan	1	0	65	Other	During this week 51 suspected CCHF cases were reported from Badghis, Baghlan, Balkh, Farah, Faryab, Herat, Kabul, Kandahar, Kapisa, Kunduz, Mazar sharif, Samangan, Takhar provinces. Also, 06 deaths were reported from Kabul 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.
17/7/2022	Baghlan	Pole Khumri	Pole Khumri	1	0	27	Other	
20/7/2022		pole Khumri	Pole Khumri	1	0	30	Other	
19/07/2022	Balkh	Mazar-i-Sharif	Prozha Khalid	1	0	17	other	
23/07/2022		Dawlatabad	Tagha Naregh	1	0	70	other	
23/07/2022		Shulgarah	Tajik Elsan	1	0	23	Shepherd	
22/07/2022	Farah	Farah rod	Rowzanak	1	0	21	Other	
23/07/2022		Poshte rod	Blandi	1	0	18	Other	
23/07/2022	Faryab	Maimana	1st District	1	0	58	Other	
17/07/2022	Herat	Guzara	Nawagan	1	0	50	Other	
17/07/2022		Poshton Zarghon	Qala Sobhan	1	0	20	Housewife	
17/07/2022		Area 5	64 Metra	1	0	20	House wife	
17/07/2022		Area 5	Jada Mahtab	1	0	23	Butcher	
17/07/2022		Area 7	Baraman	1	0	20	House wife	
18/07/2022		Injil	Naqi Abad	1	0	40	Other	
18/07/2022		Injil	Nawbadam	1	0	42	Farmer	
18/07/2022		Area 6	Bagh Nezarga	1	0	48	Other	
18/07/2022		Area 6	Namber 1	1	0	34	House wife	
19/07/2022		Injil	Tarak	1	0	50	House wife	
20/07/2022		Area 15	Firqa	1	0	32	Other	
17/7/2022		Kabul	District 10	Bibi Mahroo	1	0	32	Butcher

17/7/2022		District 17	Khair Khana	1	0	18	Other
17/7/2022		District 21	Pole Charkhi	1	0	18	Other
17/7/2022		District 3	Karte Sakhi	1	0	45	Other
17/7/2022		District 5	Company	1	0	36	Other
17/7/2022		District 8	karte Naw	1	0	45	Butcher
17/7/2022		District 13	Barchi	1	0	16	Other
17/7/2022		District 5	Company	1	0	28	Other
17/7/2022		District 5	Company	1	0	30	Other
17/7/2022		District 6	Gul Khana	1	1	19	Other
17/7/2022		District 17	Khair Khana	1	1	28	Butcher
17/7/2022		District 8	karte Naw	1	1	28	Butcher
20/7/2022		District 13	Reshkhori	1	0	33	Other
20/7/2022		District 12	Arzan Qemat	1	0	23	Other
20/7/2022		District 17	Khair Khana	1	0	37	Other
20/7/2022		District 3	Karte Sakhi	1	0	40	House wife
20/7/2022		Bagrami	Bagrami	1	1	35	Other
20/7/2022		District 6	District 6	1	0	22	Butcher
20/7/2022		District 5	Company	1	0	35	Butcher
20/7/2022		District 12	Arzan Qemat	1	0	42	Other
20/7/2022		Kabul	Kabul	1	0	60	Other
20/7/2022		Bagrami	Bagrami	1	1	33	Other
22/07/2022	Kandahar	Dand	Nahia #1	1	0	35	House wife
20/7/2022	Kapisa	Bagram	Bagram	1	0	60	House wife
17/07/2022	Kunduz	Emam sahib	Shirkhan Bandar	1	0	45	Teacher

23/07/2022		Emam sahib	Qalam Gozar	1	0	65	House wife
17/7/2022	Mazare Sharif	Mazare Sharif	Mazare Sharif	1	0	28	Other
23/07/2022	Samangan	Aybak	Karez	1	0	80	Other
17/07/2022	Takhar	Taluqan	Shahrawan	1	0	27	Butcher
17/7/2022		Takhar	Takhar	1	1	37	Other
20/7/2022		Takhar	Takhar	1	0	38	Butcher

AWD outbreaks from (Kapisa, Zabul, Nimroz, Kunar, Balkh, Wardak, and Parwan) Provinces

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/ Action take
20/07/2022	Kapisa	Kohistan-1	Hamzalakhil	1	0	During this week 14 AWD outbreaks were reported from Kapisa, Zabul, Nimroz, Kunar, Balkh, Wardak, and Parwan Provinces. Case management was done, and health education sessions were conducted for all the cases.
20/07/2022		Center	Qala-e sayedkhan	1	0	
21/07/2022		Kohistan-1	Toghak	1	0	
21/07/2022		Kohistan-2	Muradkhoja	1	0	
18/07/2022		Nejrab	Ghocholan	1	0	
18/07/2022		Kohistan-2	Jamalagha	1	0	
18/07/2022	Zabul	Shumalzai	Gul dara	44	0	More updates will be shared through follow-up and final investigation reports.
19/07/2022		Qalat	Prison	0	0	
19/07/2022		Shajooy	Ibrahim khill	49	0	
22/07/2022	Nimroz	Zaranj	Charahee barakat	1	0	
18/07/2022	Kunar	Nari	Cheeragal and Dukalam areas	9	0	
20/07/2022	Balkh	Mazar-i-Sharif	Dashti Shor	6	0	
21/07/2022	wardak	Jalrez	Zewalat and folad khan	10	0	
17/07/2022	Parwan	Charikar	Charikar PH	14	0	

Clinical Chickenpox outbreak from (Kapisa and Wardak) provinces

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
17/07/2022	Kapisa	Kohband	Malikar	12	0	During this week 02 Chickenpox outbreaks were reported from Kapisa and Wardak provinces.
17/07/2022	Wardak	Behsood1	Dasht-e-Etman	25	0	Case management was done for all the cases and health education session was conducted in the field.

Suspected Measles outbreak (Kapisa province)

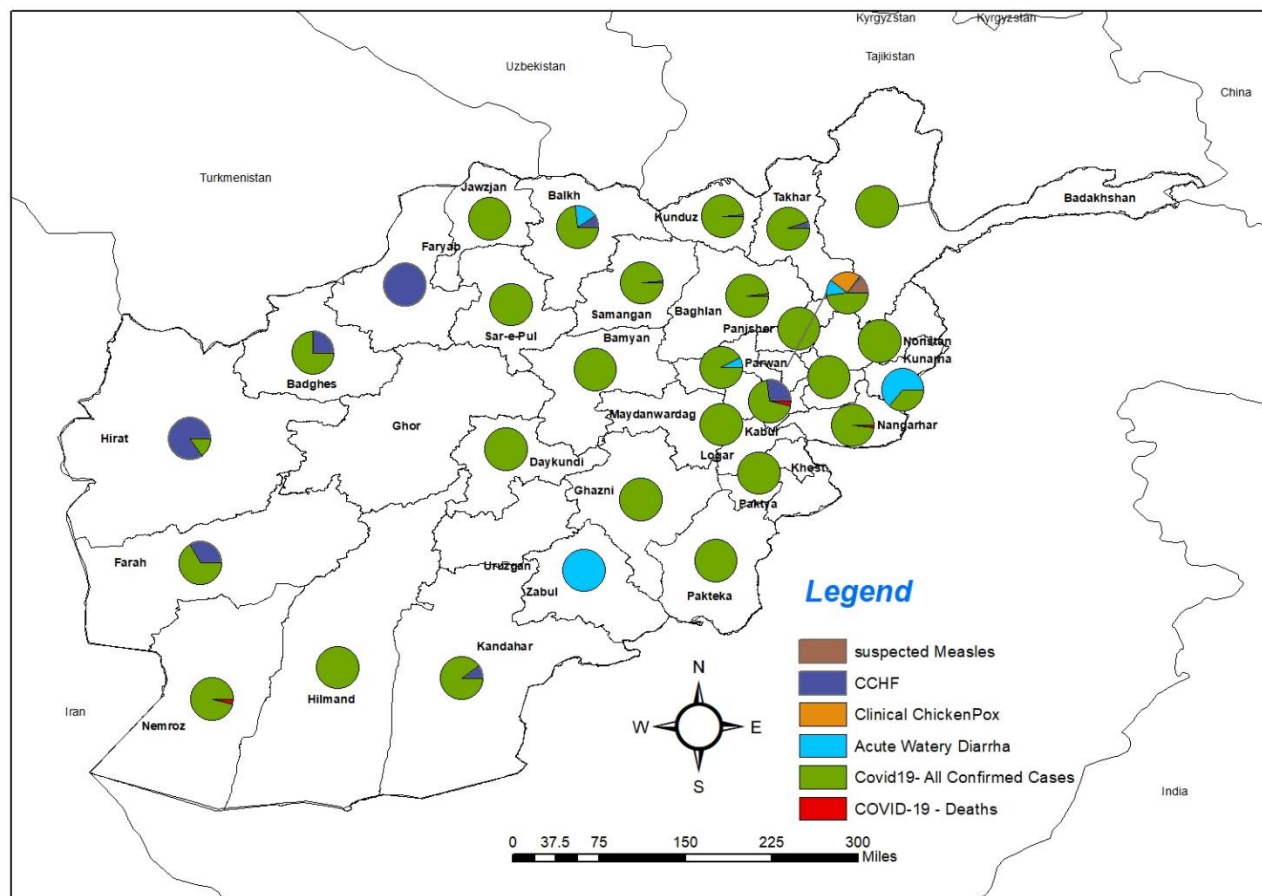
Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Deaths	Vaccination coverage		Recommendation/Action taken
								Reported	Assessed	
17/07/2022	Kapisa	Nejrab	Vishar	5	1	6	0	80%	30%	In this week, 01 suspected Measles outbreak was reported from Kapisa province. The outbreak was investigated, 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.

Table 4: Updated outbreaks report during 2022 (26 Dec 2021 to 23, July 2022)

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	236	152	3371	107
CCHF	204	61	205	11
Dog bites/Suspected Rabies	14	1	84	0
Pertussis	22	1	123	0
Acute Watery Diarrhea	39	11	1587	0
Food poisoning	9	0	277	2
Scabies	7	0	112	0
Chickenpox	19	1	177	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	29629	460
Grand Total	559	228	35675	580

Figure 4: Distributions of COVID-19, CCHF, Acute Watery Diarrhea, Chickenpox and Measles cases and deaths during the week 29th



Laboratory surveillance:

A total of **8,284** specimens were collected and shipped to CPHL and other regional laboratories. Out of which **1055** specimens were confirmed for COVID-19, **35** specimens were confirmed for Measles, **20** specimens were confirmed for Malaria, **06** specimens were confirmed for Diarrheal Disease and 02 specimens were confirmed for Brucellosis in this week. (Follow-up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 29th 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, 145 (4.9%) Severe Acute Respiratory Infections cases were reported and 72% were under 5 years old. The proportion of SARI cases was slightly increased compared to week 28th 2022. Five 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 (13%), and Baghlan (10%). In this epi-week, our field staff shipped 25 SARI and 18 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

In this week, **7,577** specimens were tested for suspected COVID-19. Out of which **1055** samples were confirmed for COVID-19 by rtPCR.

- COVID-19 cases increased **three-fold** compared to the last week.
- Bed occupancy rate (BOR) at the national level was **66.8%**, which increased 20.1% compared to last week.
- Out of **2069** contacts of **542** 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:

- AWD outbreaks and Diarrheal diseases cases are in the increasing trend at national level, in this week we had AWD outbreaks in 07 provinces of the country (Kapisa, Zabul, Nimroz, Kunar, Balkh, Wardak, and Parwan Provinces)
- Suspected CCHF cases are increasing compared to last week, in this week 51 suspected CCHF cases and 06 deaths were reported due to CCHF, only 22 cases and 05 deaths were reported from Kabul province.
- Suspected Measles cases and outbreaks are in the increasing trend compared to previous years (in this week **1,028** measles cases and 3 deaths were reported).
- Shortage of lab samples collection kits/consumables for AWD/suspected cholera in majority of the provinces.

Recommendations:

- Strong efforts and control measures are needed for the control of AWD increasing cases at the national level especially in (Kapisa, Zabul, Nimroz, Kunar, Balkh, Wardak, and Parwan) Provinces.
- Preventive and control measure should be strengthened for CCHF cases, especially in Kabul province as we had more CCHF cases from Kabul in this week, also BPHS and EBHS implementer NGOs are kindly requested to strengthen the health education sessions regarding CCHF in their related HFs.
- Measles vaccination campaigns are needed to conduct based on the surveillance data, moreover the routine vaccination coverage is also needed to improve.
- Urgent supply of lab sample collection and testing kits for AWD is recommended for all the provinces and lab sample collection capacity needs to be strengthened and expanded to all the districts and surveillance sentinel sites.
 - **EPI:** As the surveillance system detected **1,028** suspected Measles cases, with **3** 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.