



National Disease Surveillance
& Response (NDSR)

Weekly Epidemiological Report–26th

Date: 27 June to 03 July, 2021

Summary:

- Out of 513 functional Surveillance sentinel sites, 441 (86%) have submitted reports this week.
- A total of 429,614 new consultations, 110,294 (25.7%) were due to Surveillance targeted diseases.
- The main causes of consultations this week were ARI (Cough & Cold), 82,278 cases, (19.2%) out of total new consultations, Acute Diarrheal Diseases 64,603 cases (15.5%) out of total new consultations and Pneumonia, 12,167 cases (2.8 %) out of total new consultations.
- A total of 249 deaths were reported this week, of which 52 were due to Surveillance targeted diseases, which includes 35 Pneumonia deaths, 06 suspected Measles deaths, 04 Acute Diarrheal Diseases deaths, 03 Meningitis deaths, 03 Pregnancy related deaths and 01 suspected acute viral Hepatitis death.
- During this week 08 clinical cases of black fungus /Mucormycosis were reported from Kabul, Bamyan, Samangan, Farah and Wardak provinces and one death related to the said disease was reported from Kabul province.
- Also, in this week, 02 suspected CCHF cases were reported from Herat province, and 10,307 COVID-19 confirmed cases and 566 deaths reported countrywide.

Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2021

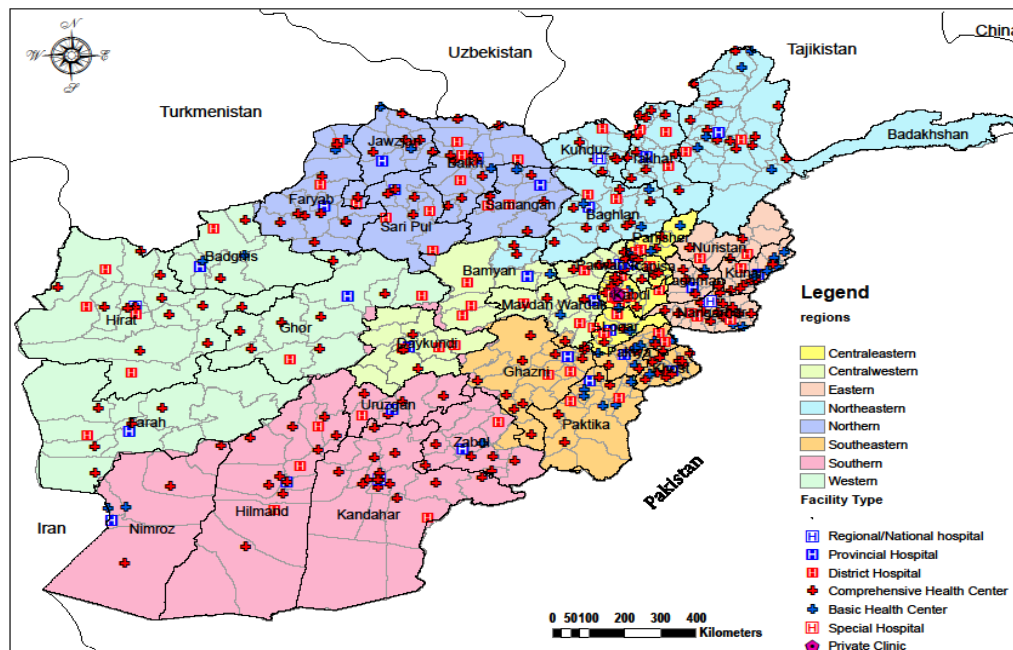


Table 1: Coverage of NDSR Surveillance System

Type of Health Facility	RH/PH	DH	CHC/BHC	Special Hospital	Other	Total
Total Health Facilities (HF)	37	88	1,315	32	1171	2,643
HF covered by NDSR-Plus	32	77	389	12	3	513

Indicator – based Surveillance:

The Indicator-based surveillance component of NDSR report 16 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: NDSR targeted diseases, Vaccine-Preventable Diseases (VPDs):

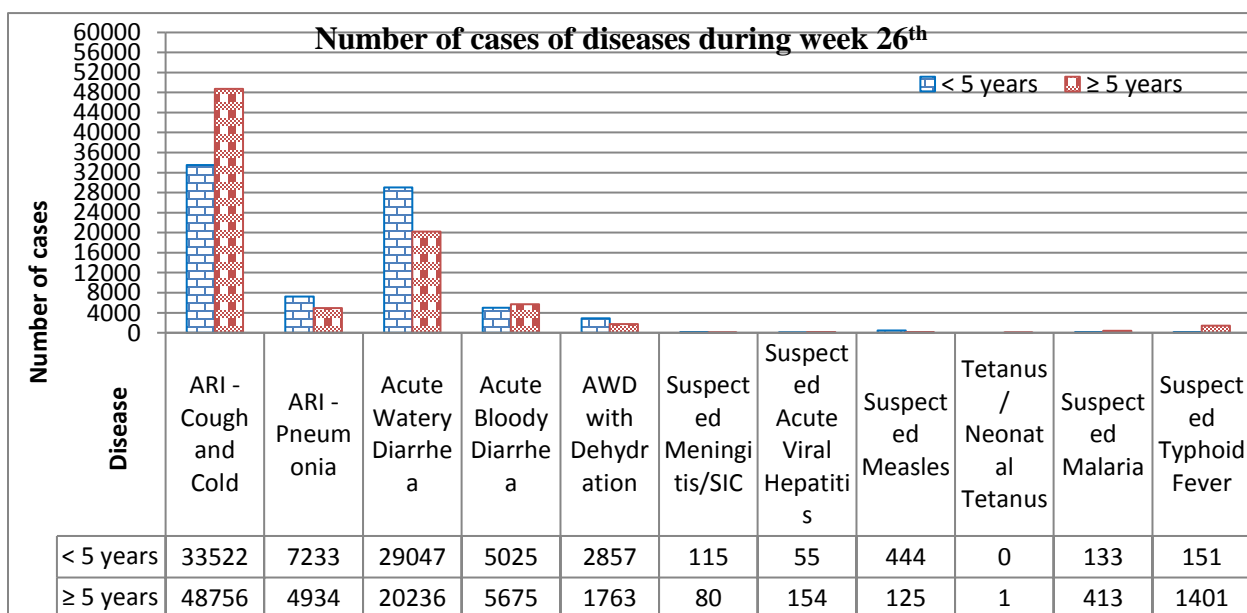
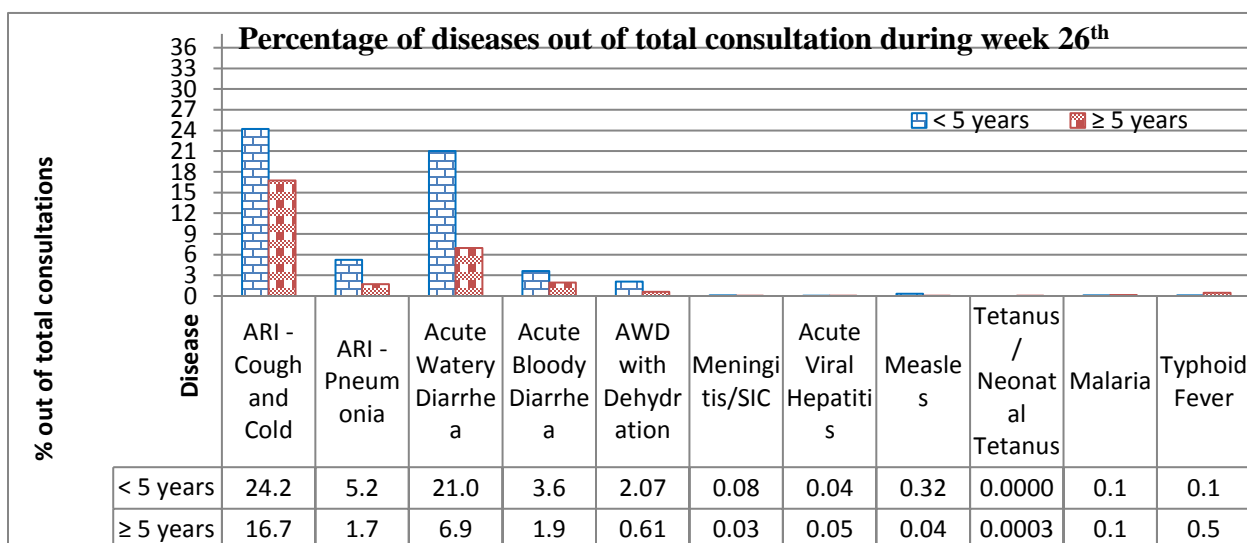
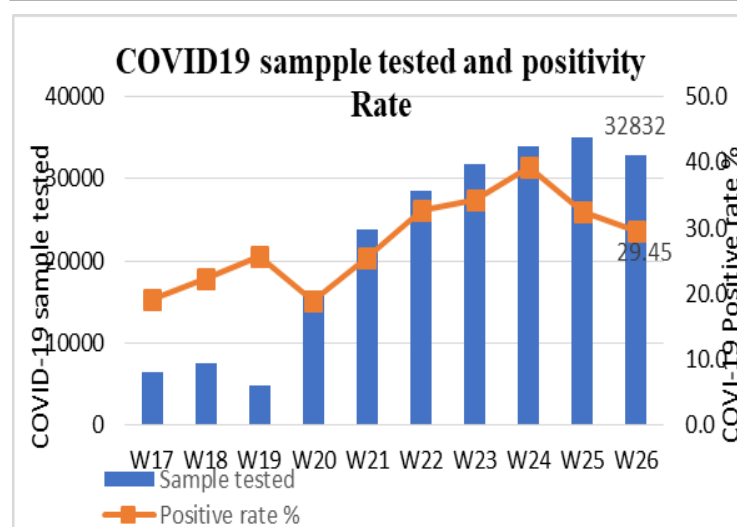
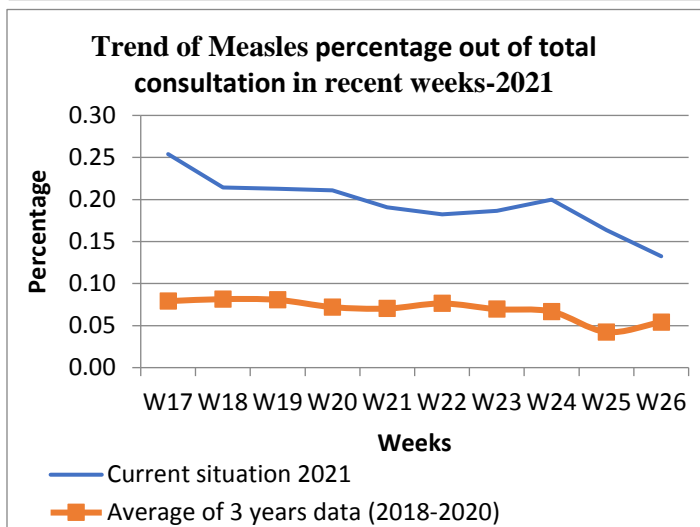
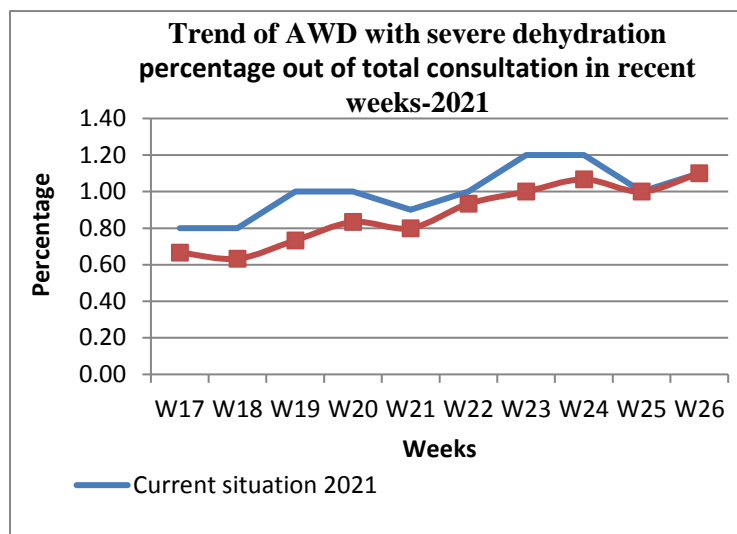
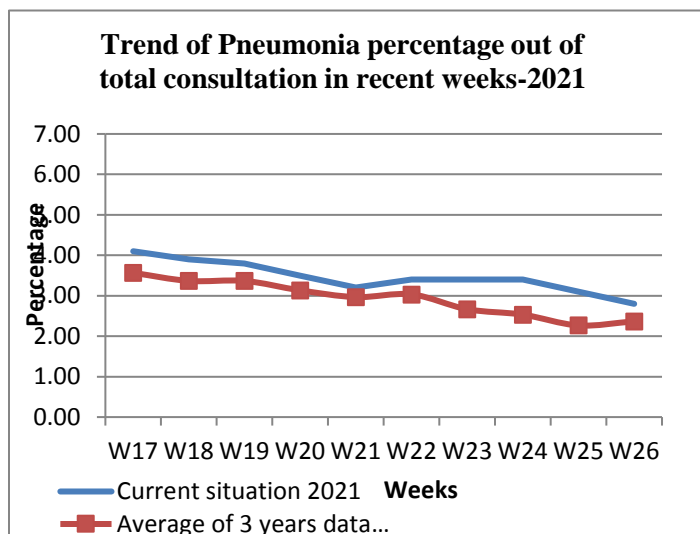


Table 2: Cases and deaths due to VPDs by age group during week 26th, 2021

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	444	125	569	0	6	0	1.05

Seasonal Diseases:



During week 26th, 02 cases of suspected CCHF detected, investigated and responded by NDSR team and the related stakeholders. The details are as below:

Suspected CCHF Cases

Reported dated	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation/Action take

01/07/2021	Herat	Injil	Sarbistan	01	0	52 Y	Farmer	During this week 02 suspected CCHF cases were reported from Herat province, case management was done, and health education sessions was conducted for all the cases
01/07/2021	Herat	Guzara	Murghab	01	0	40Y	Farmer	

Figure 3: Outbreaks investigated during the week 26th 2021

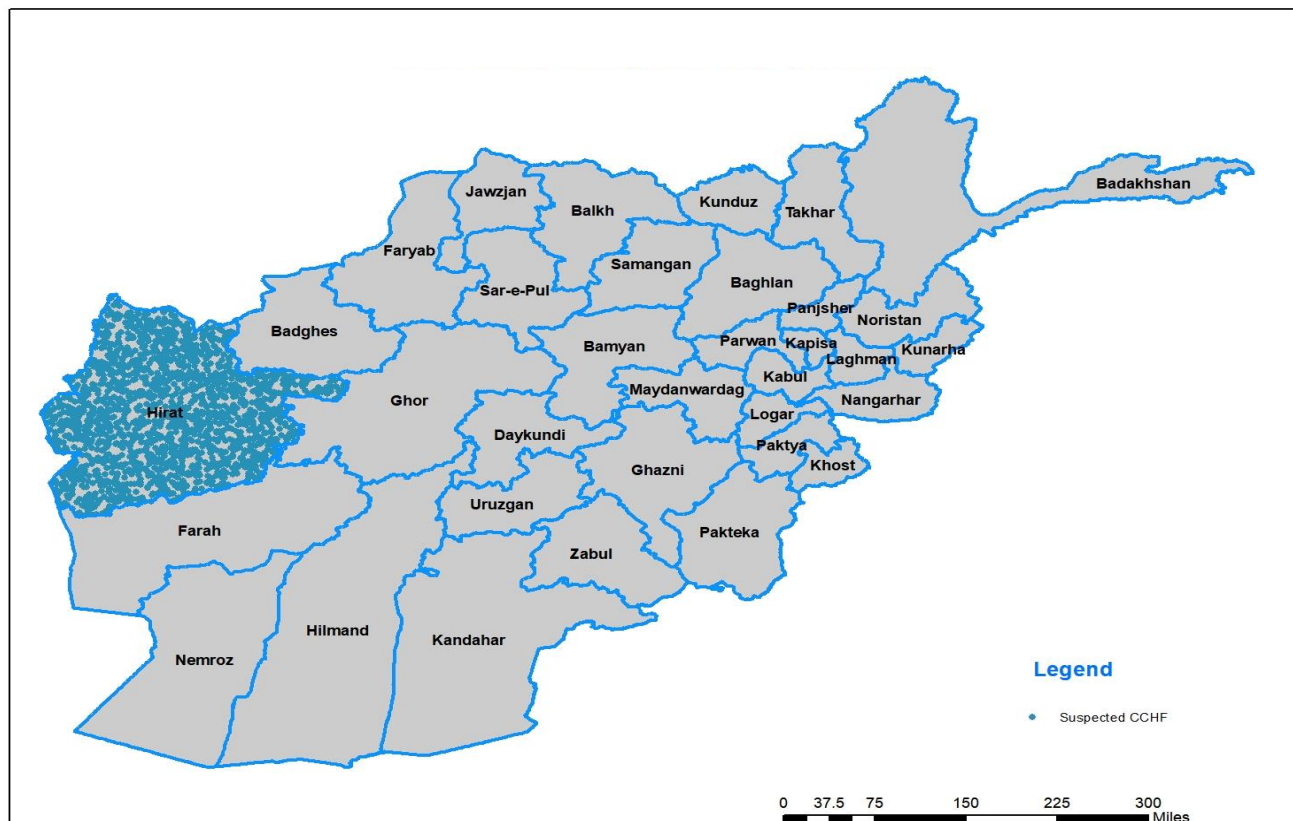


Table 2: Updates on the outbreaks reported during 2021 (27 Dec 2020 to 03 July, 2021)

Disease/Event	No. of outbreaks	No. of Lab_Confirm	No. of Cases	Sum of Total Deaths
Measles	88	62	942	30
CCHF	31	7	38	2
Dog bites/Suspected Rabies	10	0	61	0
Scabies	3	0	71	0
Diphtheria	3	0	6	1
Pertussis	3	0	35	0
Influenza	1	1	5	0
Cluster of COVID 19 cases	1	0	46	0
ARI	1	0	11	0
Acute Watery Diarrhea	1	0	88	0
Unknown Poisoning	1	0	12	3

Tick bite	1	0	9	0
Chickenpox	1	0	9	0
COVID-19- 2021	1	1	76954	3267
Food poisoning	2	0	42	0
Gas (CO) Poisoning	1	0	34	0
Total	149	71	78,363	3303

Laboratory surveillance:

A total of **32832** specimens were collected and shipped to CPHL, regional and private labs. Out of which **10,307** specimens were confirmed for COVID-19 in this week.

Influenza Surveillance activities:

In Epidemiological week 26th 2021, we have received Epidemiological reports from 9 out of 9 sentinel sites. (Kabul, Kapisa, Balkh, Herat, Kandahar, Bamyan, Baghlan, Nangarhar, and Paktya). Out of all new hospital admissions, 107(4%) Severe Acute Respiratory Infections cases were reported and 74% were under 5 years old. The proportion of SARI cases were decreased as compared to week 25th 2021. Three SARI associated deaths were reported this week. At the nine provinces, the top sentinel sites with the highest proportion of SARI cases were Kabul (17%), Kapisa (15%) and Baghlan (5%). In this epidemiological week, our field staff shipped 24 SARI and 22 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

In this week 32,832 specimens were tested for suspected COVID-19. Out of which 10,307 samples were confirmed for COVID 19 by rtPCR. The cases have been managed either in the isolation wards or in-home quarantine.

- COVID-19 cases are slightly decreased in most of the provinces compared to last week (in general 10% less cases were reported, and 07% lab samples positivity rate decreased compared to last week countrywide).
- Bed occupancy rate (BOR) in the national level is 96, which decreased 09% compared to previous week.

Out of 25500 contacts of 7931 positive cases which were mostly family members with an average of 3 contacts per case, and will be continued till 14 days of their last contact with the cases. Also, surveillance screening teams screened all the passengers in the points of entry for fever, and health education was conducted for them, about 82241 passengers have been screened for COVID-19 in the point of entry of nine provinces (Balkh, Farah, Hirat, Kabul, Kandahar, Khost, Nangarhar and Nimroz provinces).

Challenges:

- Shortage of lab consumable for COVID-19 testing in majority of the provinces
- Inadequate lab testing capacity in the country

- Inadequate lab sample collection for COVID-19 cases from the remote areas and districts, as majority of the lab samples are collected from the cities,
- Contact tracing of the positive cases is not following well especially in the (Urozgan, Panjshir, Nooristan, Jawzjan, Bamyan, Badakhshan and Ghor) provinces.

Recommendations:

- BOR in 17 provinces (Khost, Dykundi, Bamyan, Helmand, Ghazni, Logar, Badghis, Paktya, Wardak, Paktika, Laghman, Nangarhar, Hirat, Zabul, Kunar, Baghlan, Jawzjan) is higher than 100%, the GCMU colleagues are requested to increase the number of the beds based on the surveillance data, also the COVID-19 hospitals are requested to admit only severe and critical COVID-19 cases, the mild and moderate cases can be managed in homes
- Contact tracing from all suspected and lab confirmed of COVID-19 cases should be strengthened and home quarantine should be recommended for all contacts up to 14 days.
- COVID-19 lab samples should be collected from all districts (all PHs, DHs and district centers should collect the lab samples).
- Screening process should be strengthened in the points of entry, all passengers having the travel history outside the country should be screened, lab samples should be collected from those having the signs and symptoms and home quarantine should be recommended up to sharing the lab result.
- Lab testing capacity need to be increased and expanded to all the provinces
- **EPI:** As the system detected 569 suspected Measles cases, 06 deaths due to Measles, further prevention and control measures should be conducted by EPI team.
- The findings should be analyzed further in different levels and appropriate actions to be taken by the concerned departments.