



National Disease Surveillance  
& Response (NDSR)

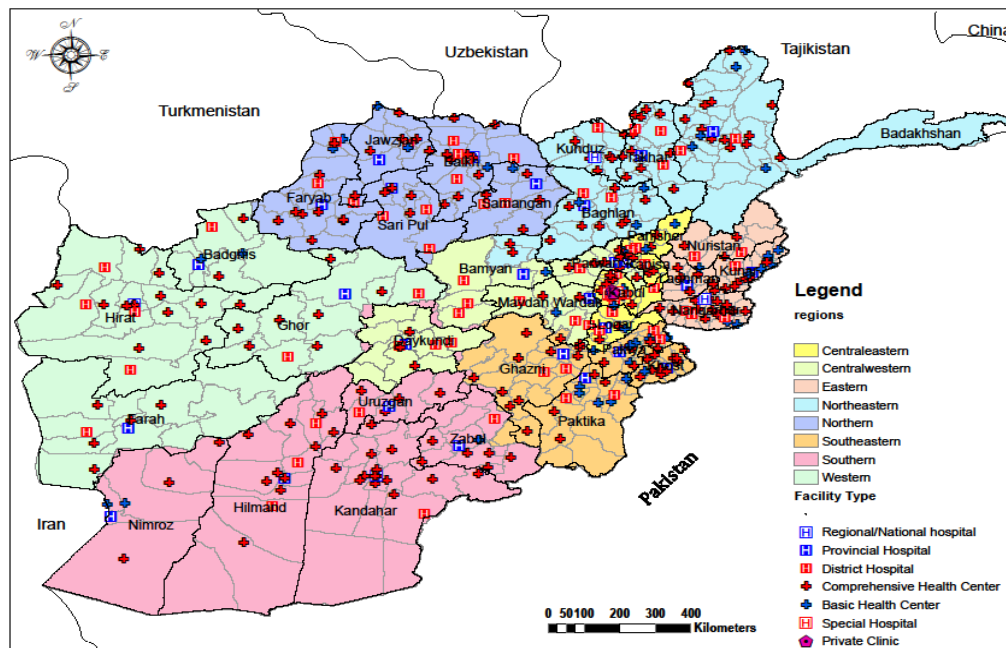
NDSR Weekly Epidemiological Report–28<sup>th</sup>

Date: 11 to 17 July, 2021

**Summary:**

- Out of 513 functional Surveillance sentinel sites, 450 (88%) have submitted reports this week.
- A total of 410,028 new consultations, 152,877 (37.3%) were due to Surveillance targeted diseases.
- The main causes of consultations this week were ARI (Cough & Cold), 73,076 cases, (17.8%) out of total new consultations, Acute Diarrheal Diseases 65,190 cases (17.6%) out of total new consultations and Pneumonia, 11,962 cases (2.9%) out of total new consultations.
- A total of 701 deaths were reported this week, of which 469 were due to Surveillance targeted diseases, which includes 424 COVID-19 deaths, 31 Pneumonia deaths, 06 Acute Diarrheal Diseases deaths, 04 Meningitis deaths, 02 suspected Measles deaths and 02 suspected hemorrhagic fever deaths.
- During this week 11 clinical cases and 05 deaths of black fungus /Mucormycosis were reported from Kabul province.
- A total of 536 clinical Measles cases and 02 deaths were reported in this week.
- Also, in this week, 6,820 COVID-19 confirmed cases all over the country, countrywide and 01 suspected CCHF case was reported from Faryab province.

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



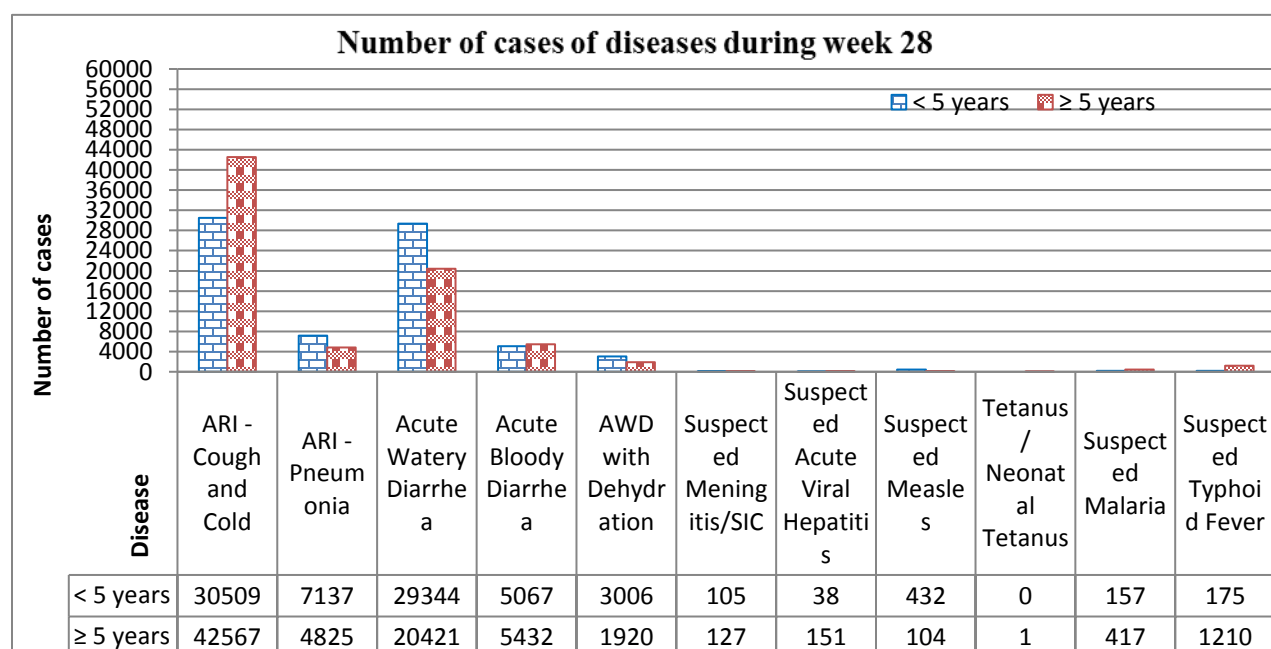
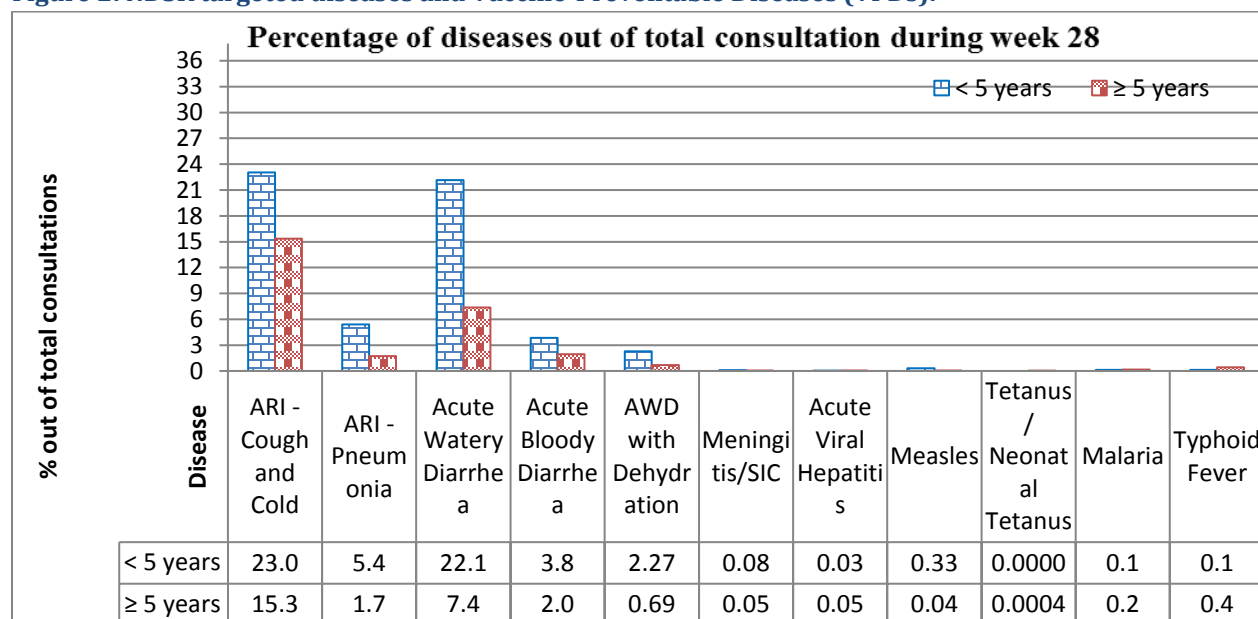
**Table 1: Coverage of NDSR Surveillance System**

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 (IBS):**

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.

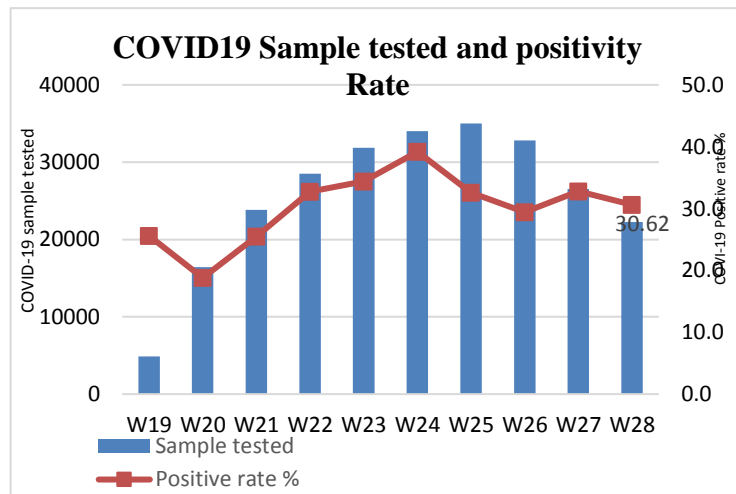
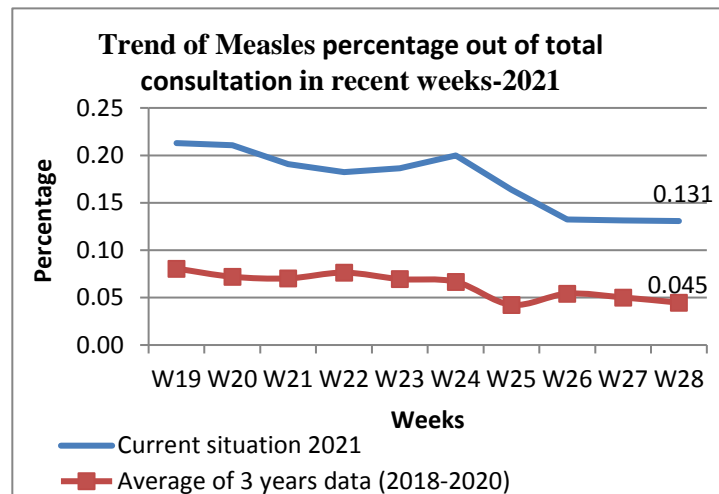
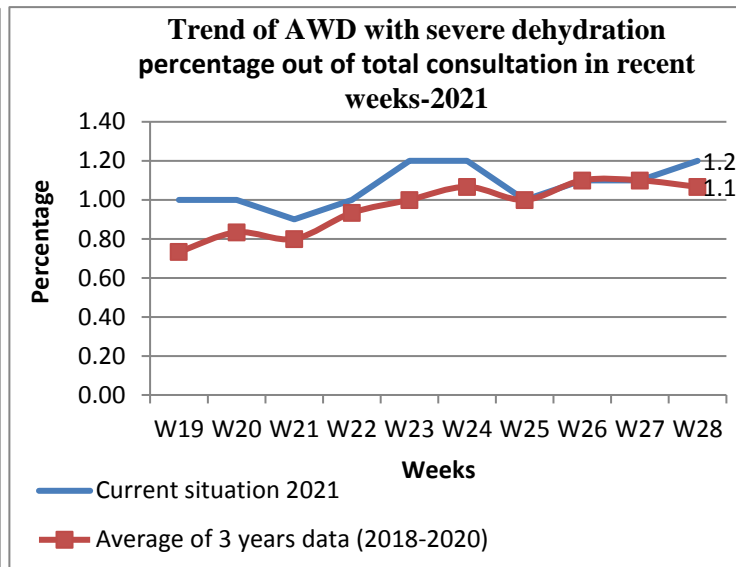
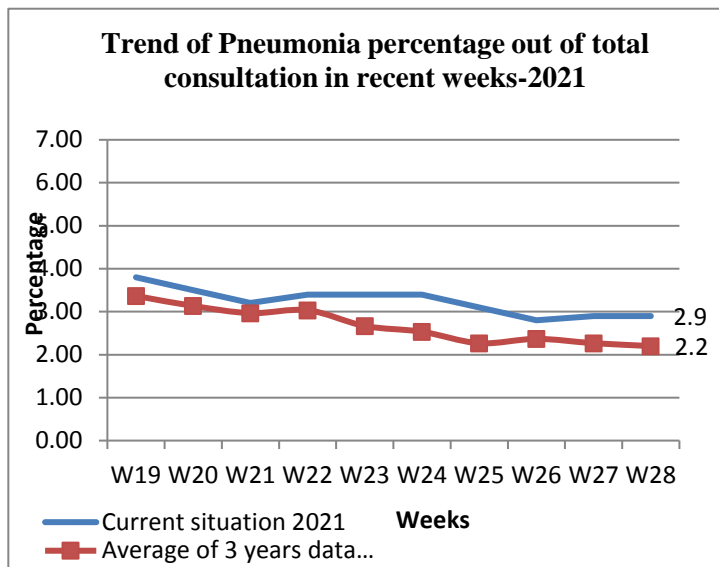
**Figure 2: NDSR targeted diseases and Vaccine-Preventable Diseases (VPDs):**



**Table 2: Cases and deaths due to VPDs by age group during week 28<sup>th</sup>, 2021**

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	432	104	536	0	2	2	0.37
Tetanus	0	1	1	0	0	0	0.00

**Seasonal Diseases:**

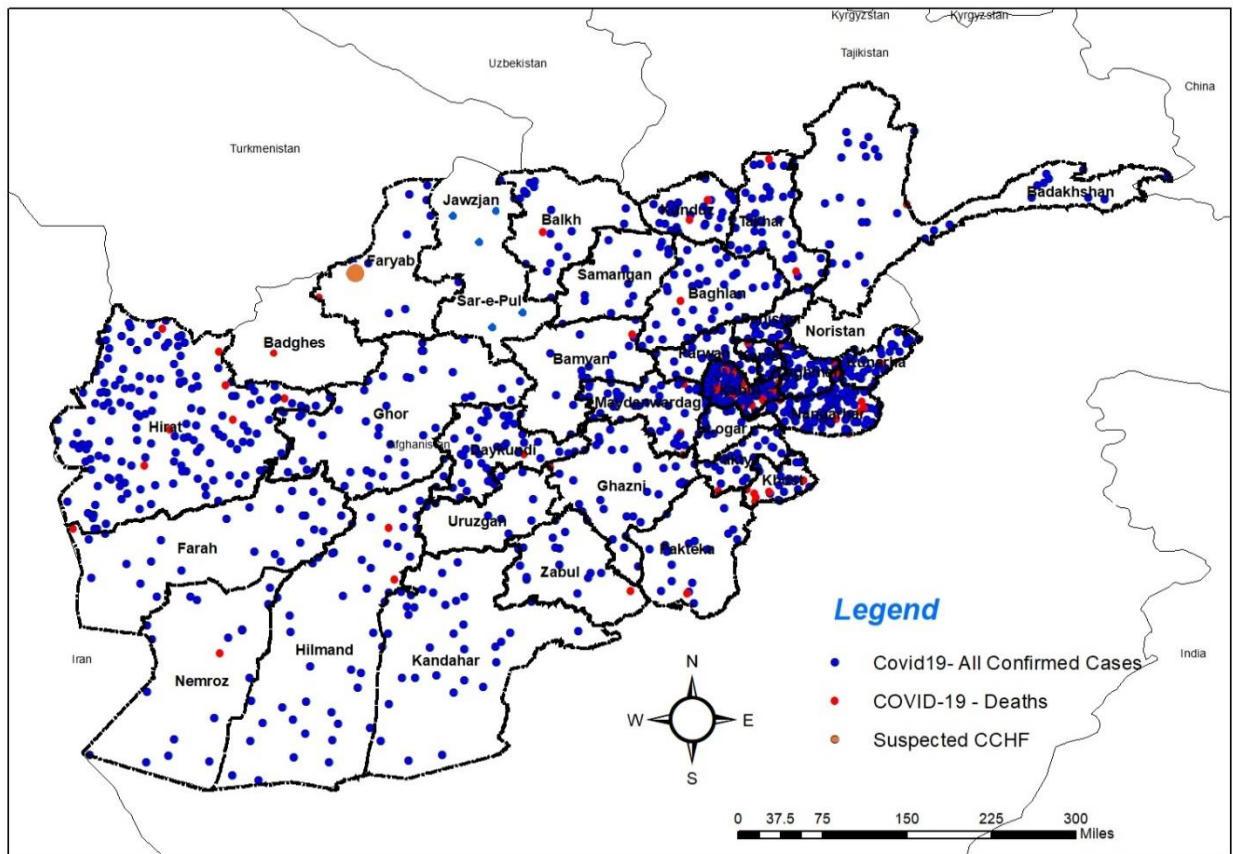


During week 28<sup>th</sup>, 01 case of suspected CCHF detected, investigated and responded by NDSR team and the related stakeholders. The details are as below:

### Suspected CCHF Case

Reported dated	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation/Action take
14/ 07/ 2021	Faryab	Pashtonkot	Mireshkar	01	0	19 Y	Shepherd	During this week 01 suspected CCHF case was reported from Faryab province, case management was done, and health education sessions was conducted.

**Figure 3: COVID-19, confirmed 6,820 Cases and 01 CCHF case location in the map during week 28<sup>th</sup> 2021**



**Table 3: Updates on the outbreaks reported during 2021 (27 Dec 2020 to 17 July, 2021)**

Disease/Event	No. of outbreaks	No. of Lab_ Confirm	No. of Cases	Sum of Total Deaths
Measles	88	62	942	30
CCHF	33	7	40	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	95032	4,352
Food poisoning	2	0	42	0
Gas (CO) Poisoning	1	0	34	0
<b>Total</b>	<b>151</b>	<b>71</b>	<b>96443</b>	<b>4388</b>

### Laboratory surveillance:

A total of **22,273** specimens were collected and shipped to CPHL and regional and private labs. Out of which **6,820** cases were confirmed for COVID-19 in this week.

### Influenza Surveillance activities:

In Epidemiological week 28<sup>th</sup> 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, 104(4%) Severe Acute Respiratory Infections cases were reported and 66% were under 5 years old. The proportion of SARI cases were same as compared to week 27<sup>th</sup> 2021. One SARI associated death was reported this week. At the 9 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kabul (21%), Bamyan (19%) and Kapisa (8%). In this epidemiological week, our field staff shipped 25 SARI and 23 ILI specimens to the National Influenza Center (NIC).

### COVID-19 Surveillance activities:

In this week **22,273** specimens were tested for suspected COVID-19. Out of which **6,820** cases 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 decreased in most of the provinces compared to last week (in general 22 % less cases were reported, and 2.2% lab samples positivity rate decreased as compared to last week countrywide).
- Bed occupancy rate (BOR) in the national level was 79%, which decreased 10% compared to previous week.

Out of **18,599** contacts of **6,740** 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 **78,276** passengers have been screened for COVID-19 in the point of entry of seven provinces (Balkh, Herat, 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 especially from the remote areas and districts, as majority of the lab samples are collected from the cities,
- Contact tracing of COVID-19 positive cases is not following well especially in the (Badghis, Takhar, Nimroz, Nangarhar, Laghman, Kandahar, Kabul and Helmand) provinces.

### **Recommendations:**

- BOR in the 13 provinces (Khost, Helmand, Nangarhar, Ghazni, Dykundi, Zabul, Kunar, Faryab, Paktika, Herat, Bamyan, Janwzjan, and Wardak) 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 536 suspected Measles cases, 02 deaths due to Measles and 01 Tetanus case, 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.