



National Disease Surveillance  
& Response (NDSR)

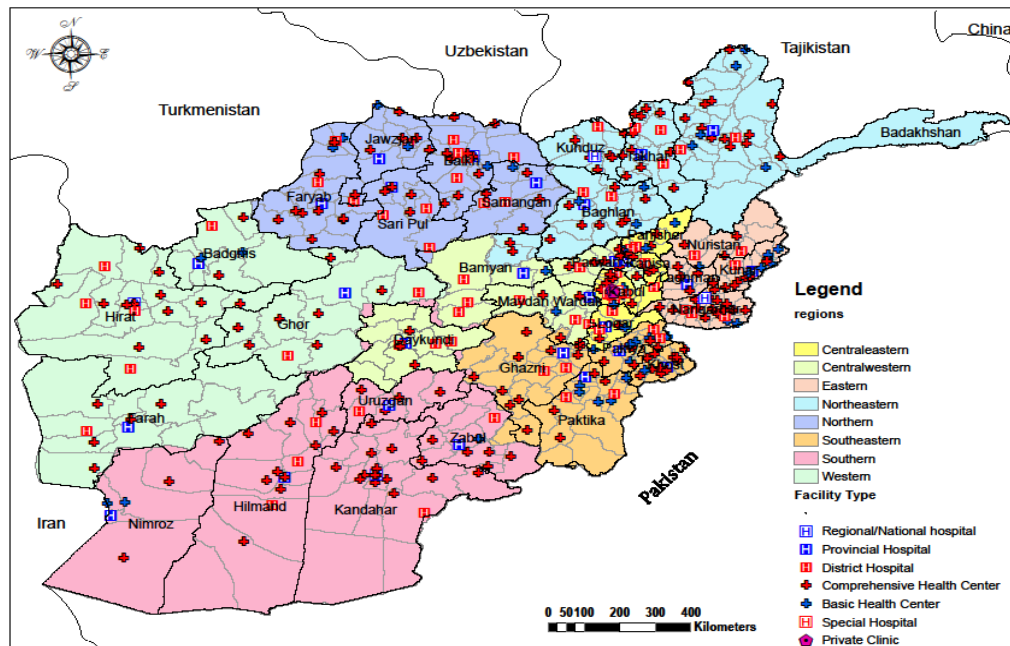
NDSR Weekly Epidemiological Report–31<sup>st</sup>

Date: 01 to 07 August, 2021

Summary:

- Out of 513 functional Surveillance sentinel sites, 411 (80.1%) have submitted reports this week.
- A total of 391,770 new consultations, 162,092 (45.5%) were due to Surveillance targeted diseases.
- The main causes of consultations this week were ARI (Cough & Cold), 71,166 cases, (18.2%) out of total new consultations, Acute Diarrheal Diseases 61,083 cases (15.6%) out of total new consultations and Pneumonia, 10,929 cases (2.8%) out of total new consultations.
- A total of 312 deaths were reported this week, of which 196 were due to Surveillance targeted diseases, which includes 162, COVID-19 deaths, 24 Pneumonia deaths, 03 Acute Diarrheal Diseases deaths, 02 Meningitis deaths, 02 suspected Measles deaths, 01 suspected hemorrhagic fever death, 01 suspected acute viral hepatitis death and 01 Pregnancy related death.
- A total of 357 Measles cases with (02 death) were reported in this week.
- Also, in this week, 2,793 COVID-19 confirmed cases were reported all over the country, and 01 suspected CCHF case was reported from Herat province.

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

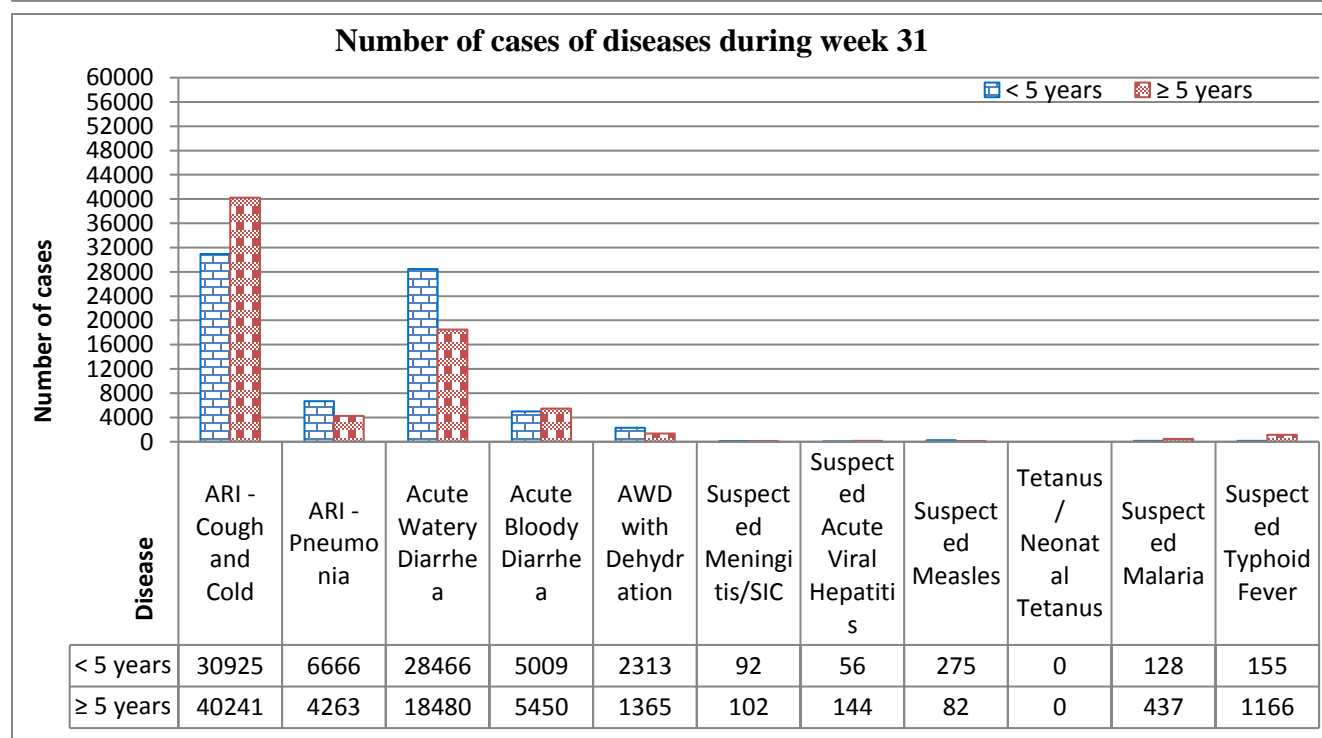
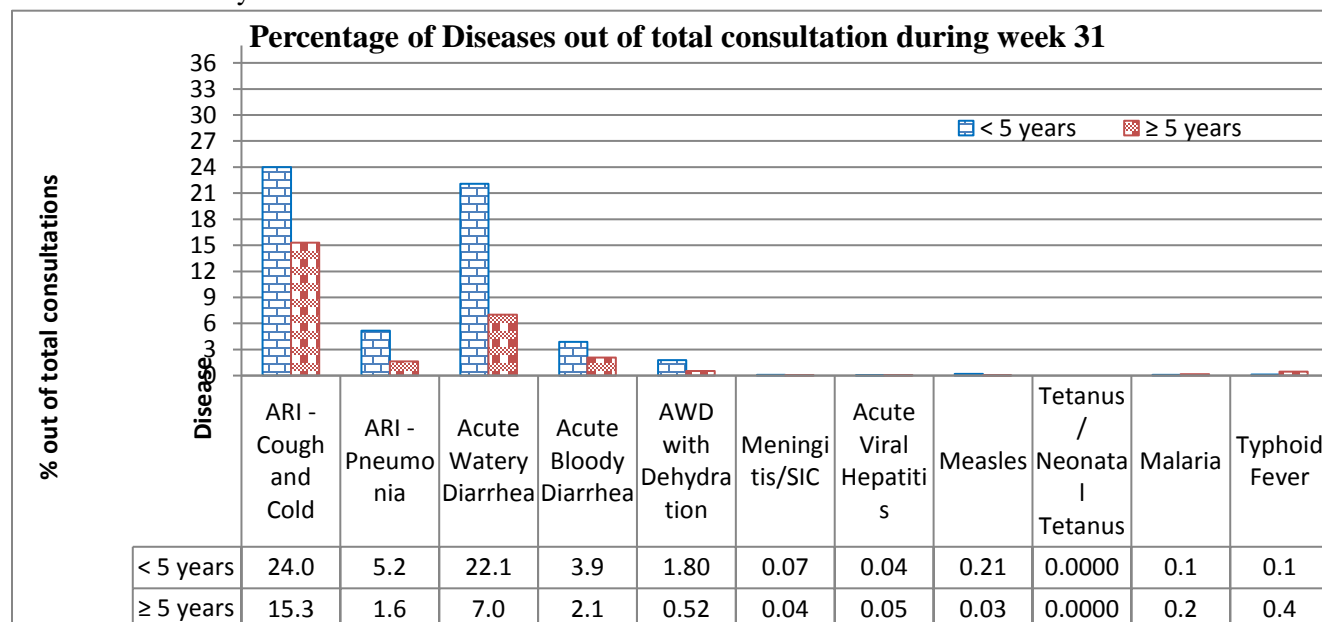


**Table 1: Coverage of NDSR Surveillance System**

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):**

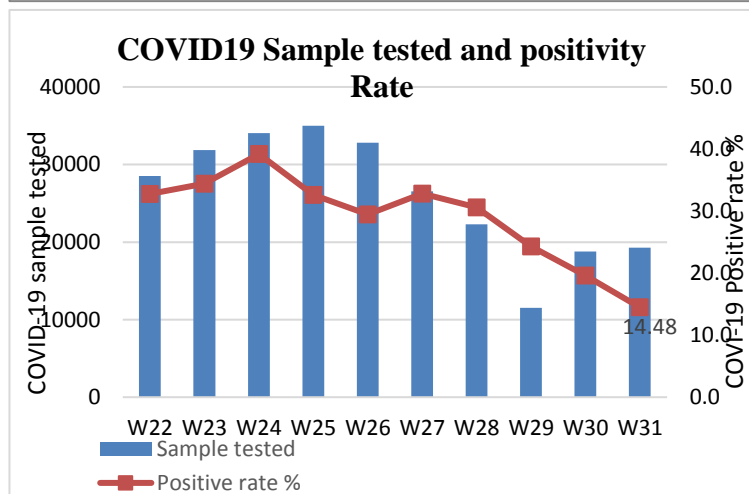
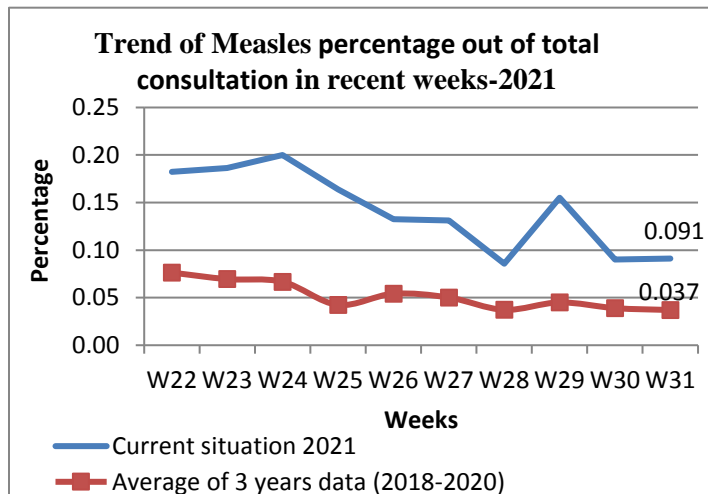
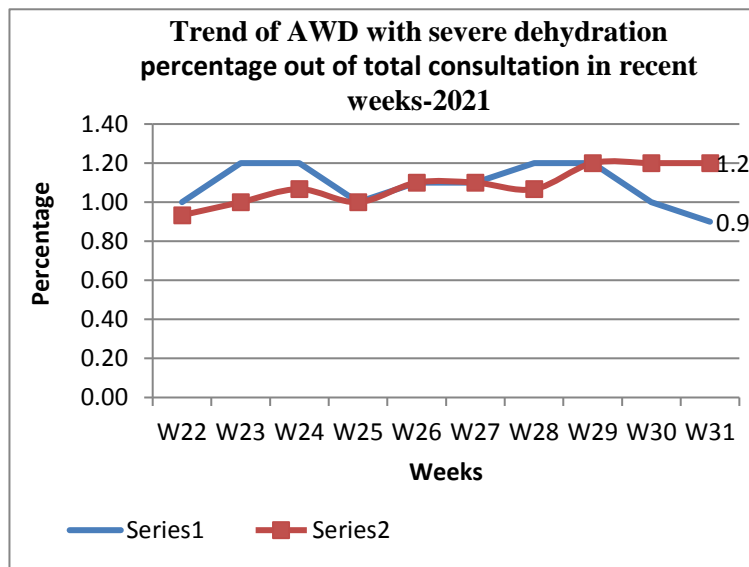
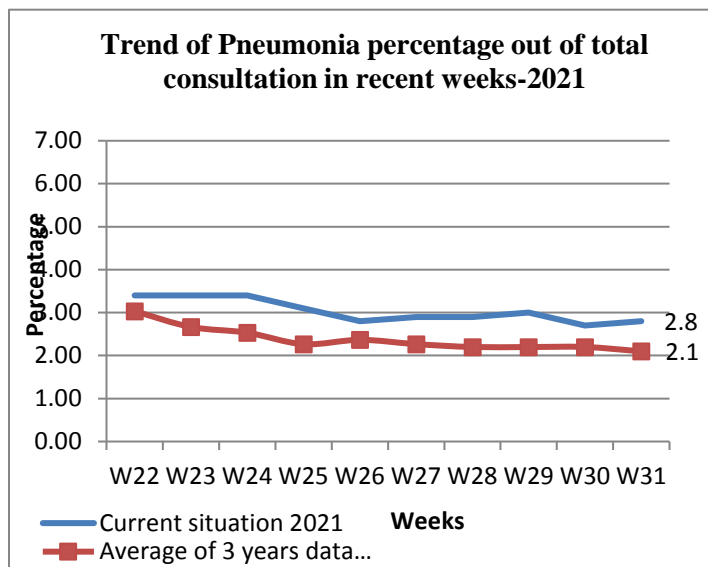
The Indicator-based surveillance component of NDSR report 17 priority conditions/infectious diseases from sentinel sites on weekly bases. The data is compared with previous weeks and the corresponding weeks of previous years and the alert and epidemic threshold is checked to see if disease incidence has crossed these levels and necessary action is initiated.



**Table 2: Cases and deaths due to VPDs by age group during week 31<sup>st</sup>, 2021**

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	275	82	357	02	0	0	0.56

**Seasonal Diseases:**

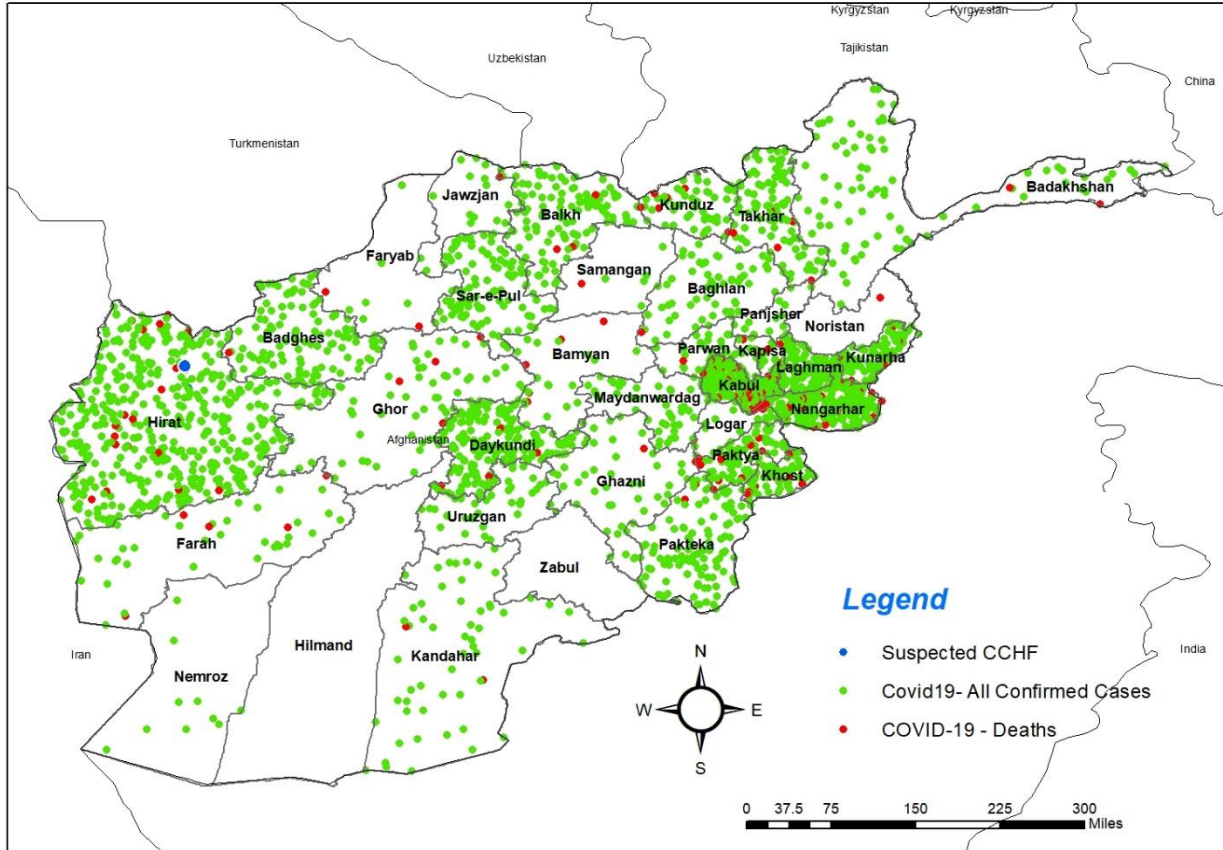


During week 31<sup>st</sup>, one case of suspected CCHF was detected, investigated and responded by NDSR team and the related stakeholders. The details are as below:

Suspected CCHF cases								
Reported dated	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation/Action take
03/08/2021	Herat	City	Area,13	01	0	26 Y	Worker	During this week 01 suspected CCHF case was

										reported from Herat province, case management and health education was done. Also, this issue was shared with CDC and veterinary team for necessary action in the affected area.
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**Figure 3: Cases of COVID-19 and CCHF during the week 31<sup>st</sup> 2021**



**Table 3: Updates on the outbreaks reported during 2021 (27 Dec 2020 to 07 August 2021)**

Disease/Event	No. of outbreaks	No. of Lab_ Confirmed	No. of Cases	Sum of Total Deaths
Measles	88	62	942	30
CCHF	44	12	51	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	98,766	4,766
Food poisoning	2	0	42	0
Gas (CO) Poisoning	1	0	34	0
<b>Total</b>	<b>162</b>	<b>76</b>	<b>100,188</b>	<b>4,802</b>

### Laboratory surveillance:

A total of **19,287** specimens were collected and shipped to CPHL, regional, provincial and private labs. Out of which **2,793** specimens were confirmed for COVID-19 in this week.

### Influenza Surveillance activities:

In Epidemiological week 31<sup>st</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, 124 (05%) Severe Acute Respiratory Infections cases were reported and 69% were under 5 years old. The proportion of SARI cases were increased as compared to week 30<sup>th</sup> 2021. Two SARI associated deaths were reported this week. At the 9 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kabul (16%), Kapisa (12%) and Bamyan (11%). In this epidemiological week, our field staff shipped 27 SARI and 19 ILI specimens to the National Influenza Center (NIC).

### COVID-19 Surveillance activities:

In this week **19,287** specimens were tested for suspected COVID-19. Out of which **2,793** samples were confirmed for COVID 19 by rtPCR. The cases have been managed either in the isolation wards or in the home quarantine.

- COVID-19 cases were decreased in most of the provinces compared to last week (in general 24.2 % less cases were reported, and 5.1 % lab samples positivity rate decreased as compared to last week countrywide).
- Bed occupancy rate (BOR) in the national level is 53.2%, which decreased 4.8% compared to previous week.

Out of **10179** contacts of **2254** positive cases which were mostly family members with an average of 5 Contacts per one 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 **34,314** passengers have been screened for COVID-19 in the point of entry of five provinces (Balkh, Herat, Kabul, Kandahar, Khost, 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 (Ghazni, Farah, Daikundy, and Laghman) provinces.

## Recommendations:

- Regular supply of COVID-19 lab testing kits and consumables are needed and lab testing capacity need to be increased and expanded to all the provinces, COVID-19 lab samples should be collected from all districts (all PHs, DHs and district centers should collect the lab samples).
- Contact tracing from all suspected and lab confirmed COVID-19 cases should be strengthened and home quarantine should be recommended for all contacts up to 14 days.
- **EPI:** As the system detected 357 suspected Measles cases, 02 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.