



National Disease Surveillance
& Response (NDSR)

NDSR Weekly Epidemiological Report–30th

Date: 25 to 31 July, 2021

Summary:

- Out of 513 functional Surveillance sentinel sites, 442 (86.2%) have submitted reports this week.
- A total of 402,338 new consultations, 150665 (37.4%) were due to Surveillance targeted diseases.
- The main causes of consultations this week were ARI (Cough & Cold), 72,475 cases, (18%) out of total new consultations, Acute Diarrheal Diseases 65,027 cases (16.1%) out of total new consultations and Pneumonia, 10,734 cases (2.7%) out of total new consultations.
- A total of 430 deaths were reported this week, of which 257 were due to Surveillance targeted diseases, which includes 204, COVID-19 deaths, 37 Pneumonia deaths, 06 Acute Diarrheal Diseases deaths, 03 Meningitis deaths, 02 suspected Measles deaths, 04 suspected hemorrhagic fever deaths and 01 suspected acute viral hepatitis death.
- A total of 336 Measles cases and 02 deaths due to Measles were reported in this week.
- Also, in this week, 3,685 COVID-19 confirmed cases were reported all over the country, and 06 suspected CCHF cases were reported from Herat, Zabul and Kandahar provinces.

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

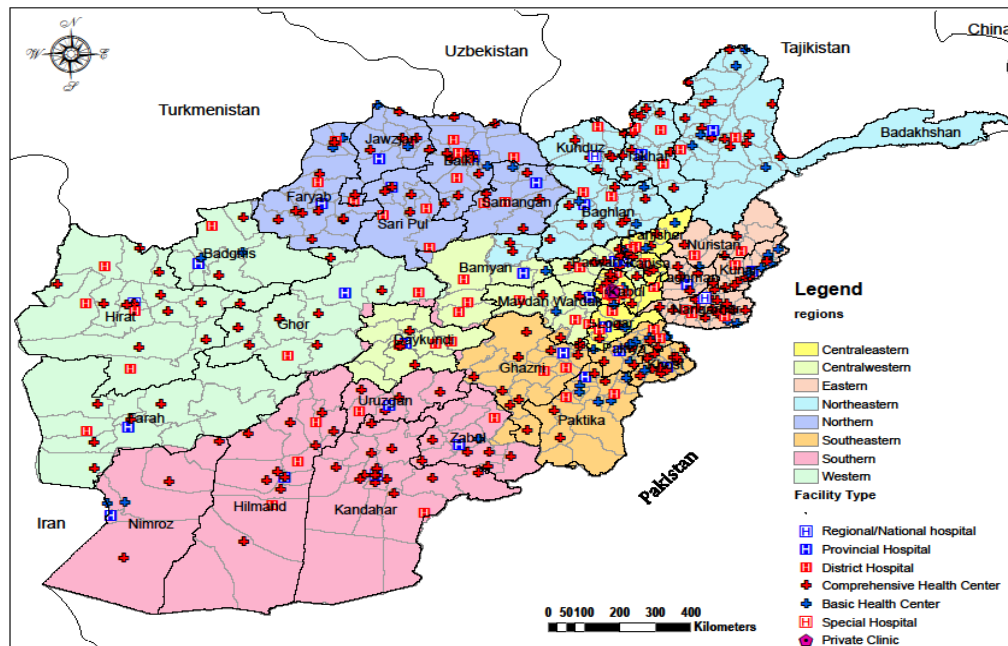


Table 1: Coverage of NDSR Surveillance System

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.

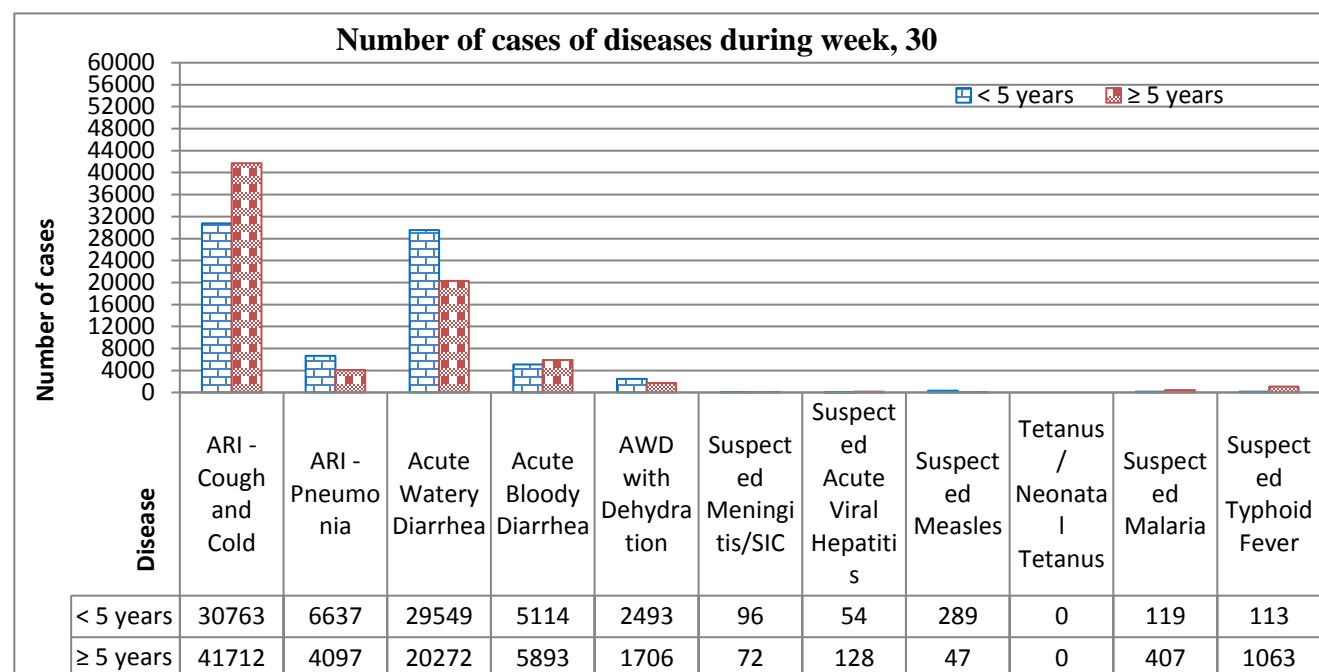
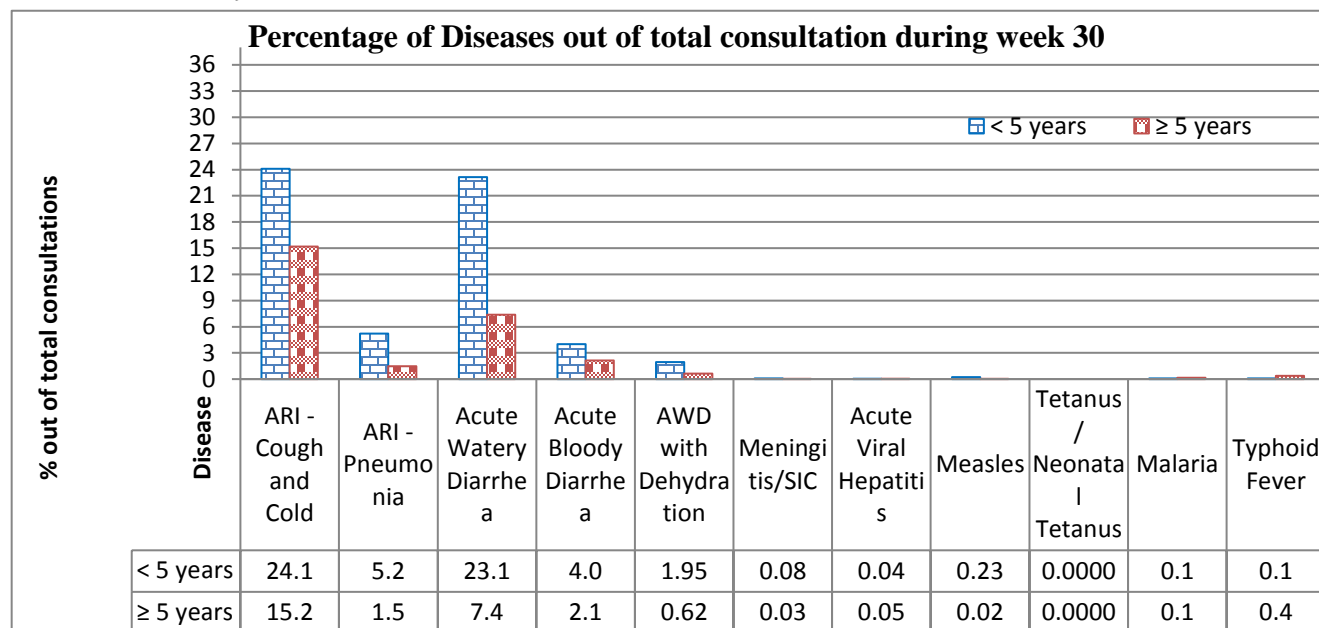
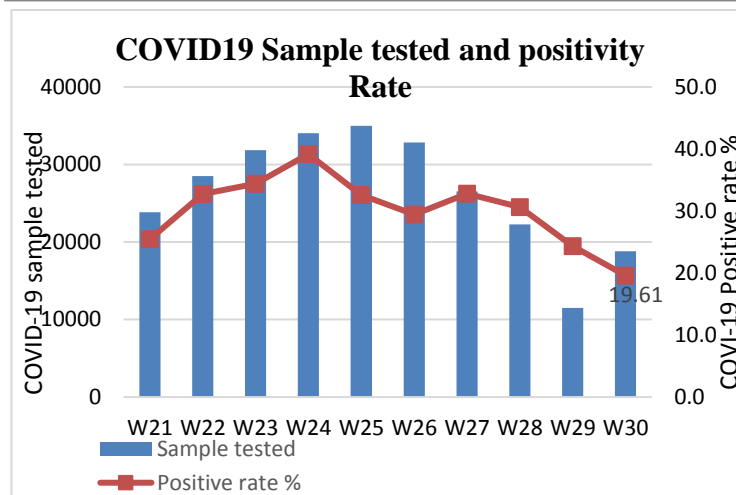
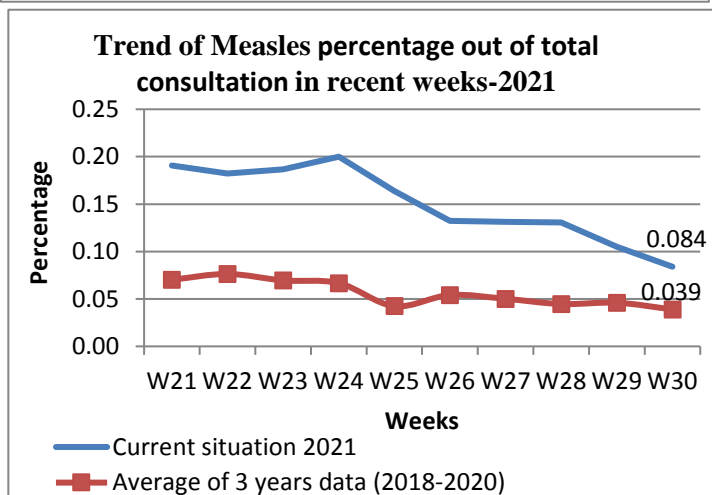
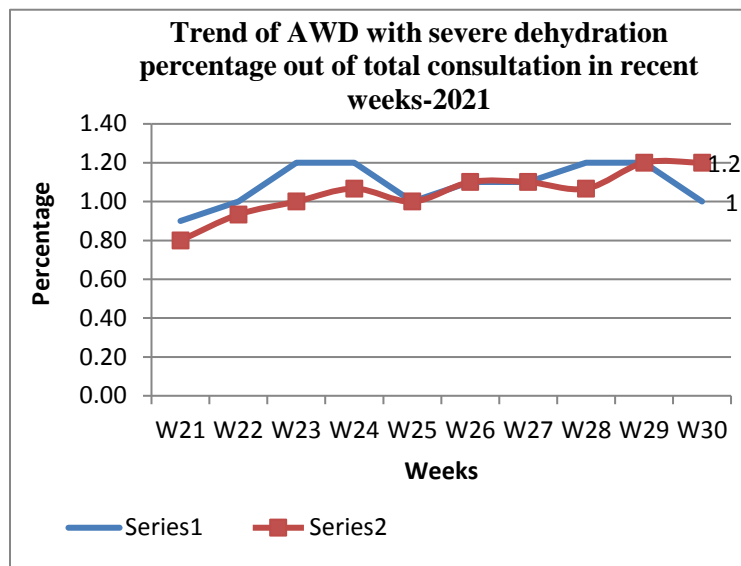
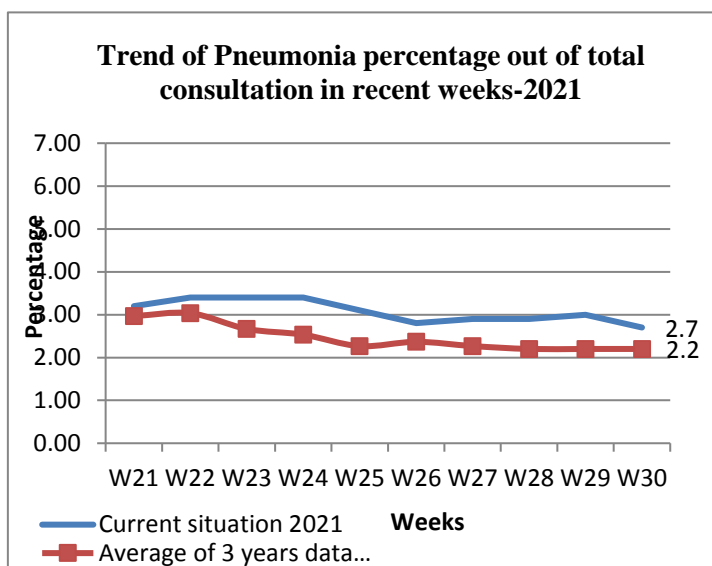


Table 2: Cases and deaths due to VPDs by age group during week 30th, 2021

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	289	47	336	0	2	2	0.59
Suspected Pertussis	0	02	02	0	0	0	0.00

Seasonal Diseases:



During week 30th, 06 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
26/07/2021	Herat	Injil	Sarvistan	01	0	19 Y	Jobless	During this week 06 suspected CCHF cases were reported from Herat, Zabul and Kandahar provinces, case management was done, and health education sessions was conducted.
29/07/2021	Herat	City	Area 10 th	01	0	50 Y	Jobless	
29/07/2021	Herat	City	Area 04 th	01	0	32 Y	Shopkeeper	
30/07/2021	Herat	City	Area 08 th	01	0	18 Y	Student	
25/07/2021	Zabul	Shahjoye	Shahjye Bazar	01	0	15 Y	Shepherd	
25/07/2021	Kandahar	City	District 06 th	01	0	30 Y	Shepherd	

Figure 3: Cases of COVID-19 and CCHF during the week 30th 2021

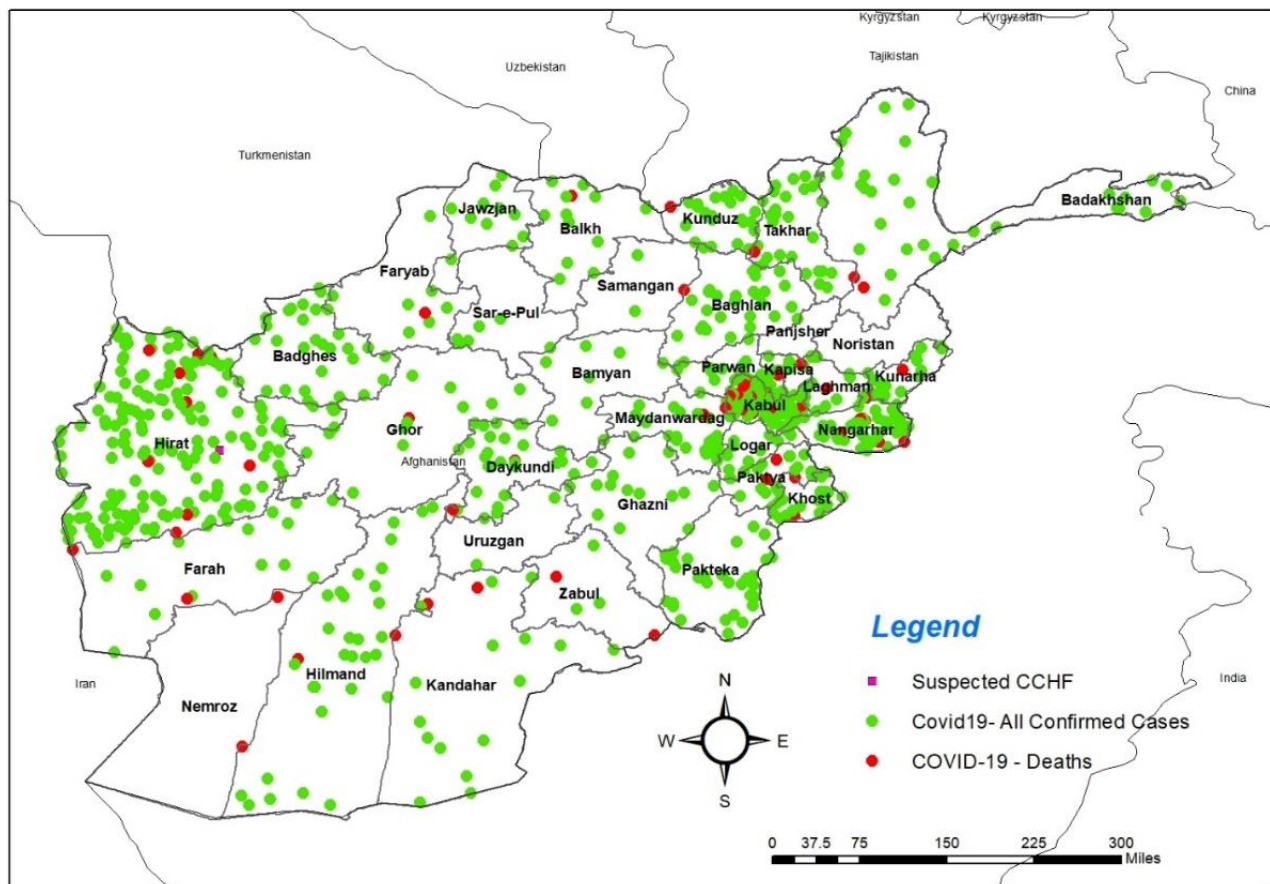


Table 3: Updates on the outbreaks reported during 2021 (27 Dec 2020 to 31 July, 2021)

Disease/Event	No. of outbreaks	No. of Lab_ Confirm	No. of Cases	Sum of Total Deaths
Measles	88	62	942	30
CCHF	43	12	44	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	101518	4,617
Food poisoning	2	0	42	0
Gas (CO) Poisoning	1	0	34	0
Total	161	76	102933	4653

Laboratory surveillance:

A total of **18,796** specimens were collected and shipped to CPHL and regional and private labs. Out of which **3,685** specimens were confirmed for COVID-19 in this week.

Influenza Surveillance activities:

In Epidemiological week 30th 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, 98 (04%) Severe Acute Respiratory Infections cases were reported and 68% were under 5 years old. The proportion of SARI cases were increased as compared to week 29th 2021. Three SARI associated deaths were reported this week. At the 9 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Bamyan (14%), Kabul (10%) and Kapisa (09%). In this epidemiological week, our field staff shipped 27 SARI and 15 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

In this week **18,796** specimens were tested for suspected COVID-19. Out of which **3,685** 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 were increased in most of the provinces compared to last week (in general 32 % more cases were reported, and 4.7% lab samples positivity rate decreased as compared to last week countrywide).
- Bed occupancy rate (BOR) in the national level is 58%, which decreased 07% compared to previous week.

Out of **10784** contacts of **3,367** positive cases which were mostly family members with an average of 3 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 **44,393** 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 from the remote areas and districts, as majority of the lab samples are collected from the cities,
- Contact tracing of the COVID-19 positive cases is not following well especially in the (Ghazni, Bamyan, Balkh and Badakhshan) provinces.
- Bed Occupancy Rate (BOR) is higher than 100% in some provinces

Recommendations:

- COVID-19 laboratory management committee and the diagnostic directorate are requested to timely supply the lab consumable for COVID-19 testing in all the provinces.
- COVID-19 lab samples should be collected from all districts (all PHs, DHs and district centers should collect the lab samples).
- Lab testing capacity need to be increased and expanded to all the provinces
- 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.
- BOR in the 03 provinces (Bamyan, Helmand and Khost) are 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

EPI:

- As the system detected 336 suspected Measles cases, 02 deaths due to Measles and 02 Suspected Pertussis cases, 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.