



National Disease Surveillance
& Response (NDSR)

NDSR Weekly Epidemiological Report–29th

Date: 18 to 24 July, 2021

Summary:

- Out of 513 functional Surveillance sentinel sites, 398 (77.8%) have submitted reports this week.
- A total of 22,5042 new consultations, 87,793 (39%) were due to Surveillance targeted diseases.
- The main causes of consultations this week were ARI (Cough & Cold), 40,282 cases, (17.9%) out of total new consultations, Acute Diarrheal Diseases 43,275 cases (19.3%) out of total new consultations and Pneumonia, 6,665 cases (3%) out of total new consultations.
- A total of 413 deaths were reported this week, of which 297 were due to Surveillance targeted diseases, which includes 265 COVID-19 deaths, 26 Pneumonia deaths, 04 Acute Diarrheal Diseases deaths, 01 suspected Measles death and 01 suspected Acute Viral Hepatitis death.
- A total of 236 Measles cases and 02 deaths due to measles were reported in this week.
- Also, in this week, 2801 COVID-19 confirmed cases and 04 suspected CCHF cases were reported from Herat, Badghis and Balkh provinces.

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

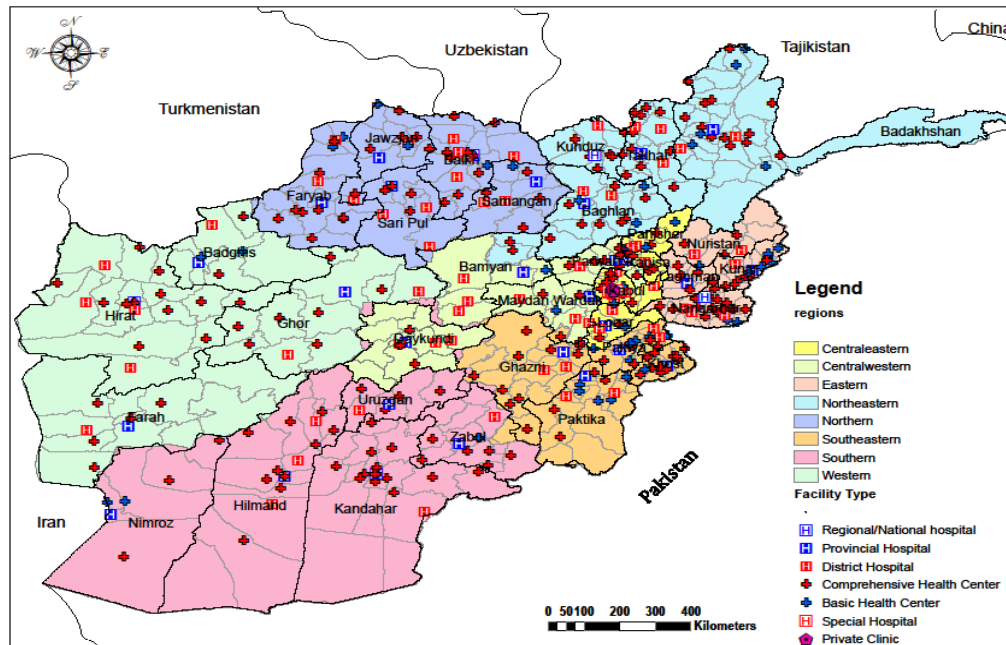


Table 1: Coverage of NDSR Surveillance System

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.

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

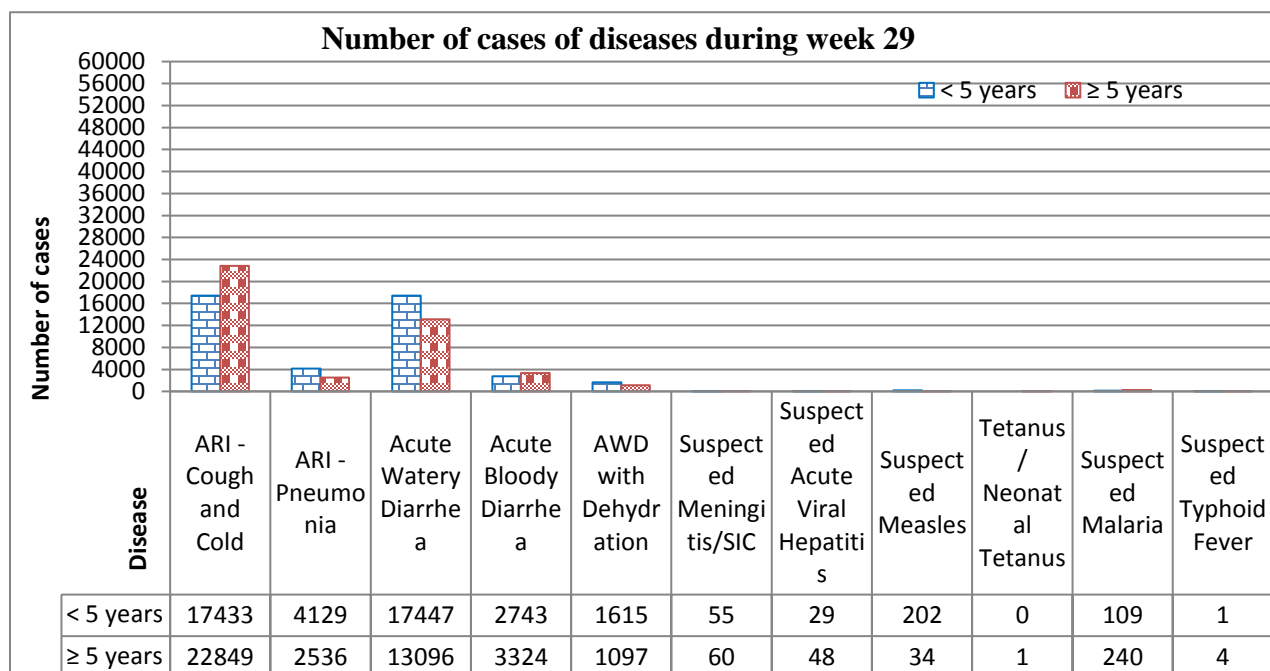
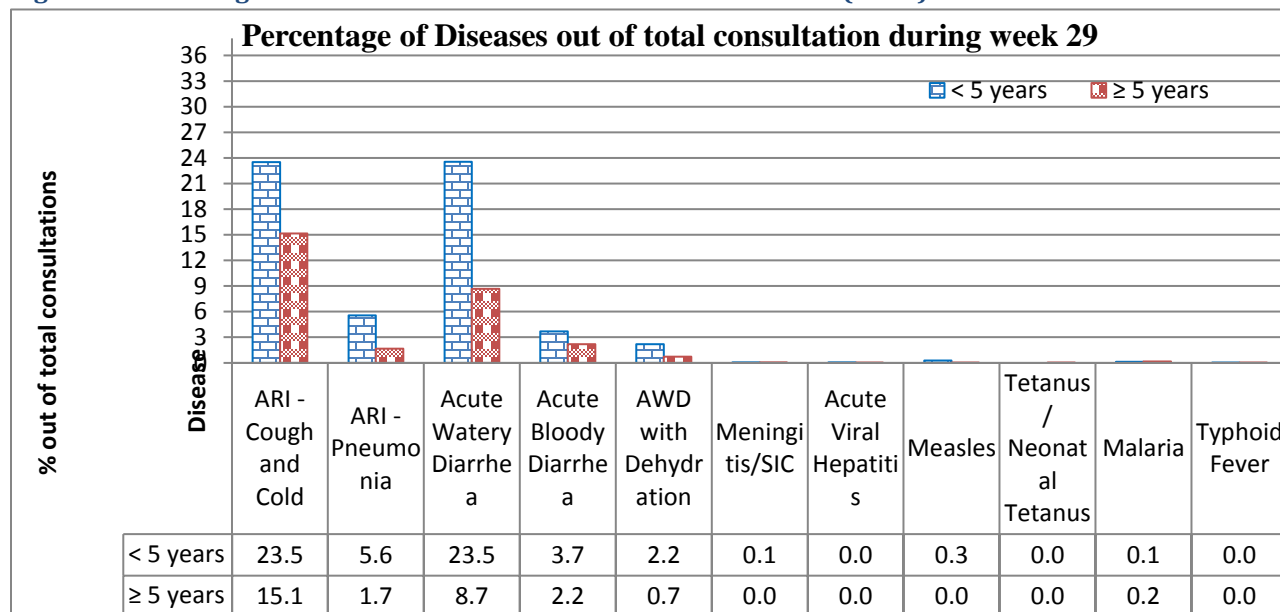
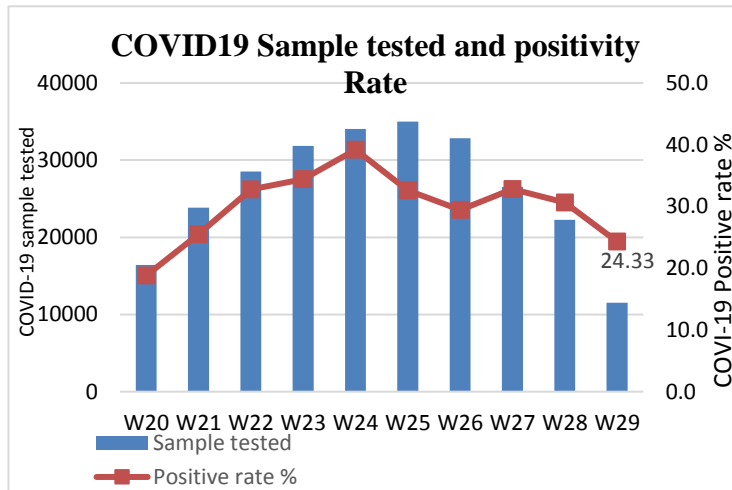
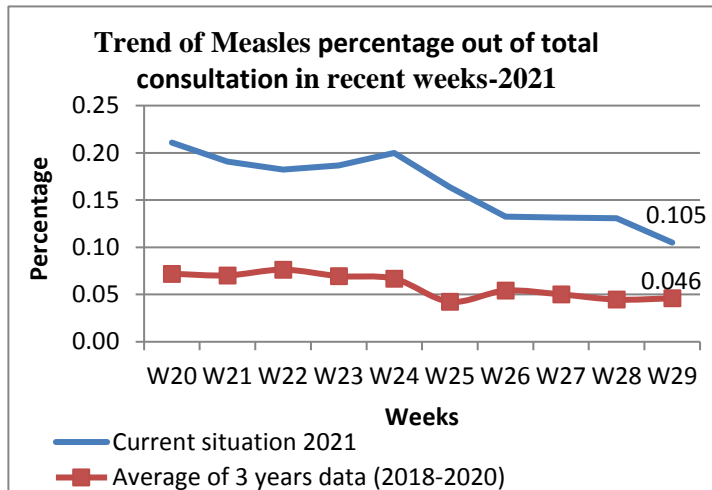
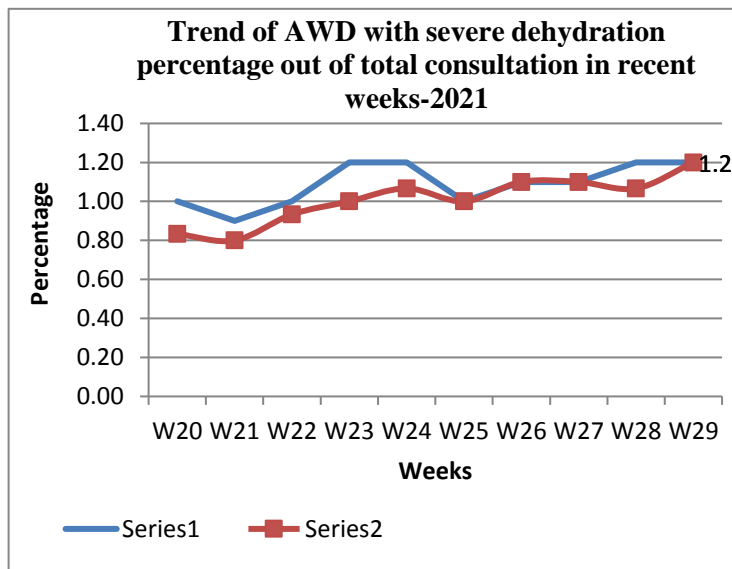
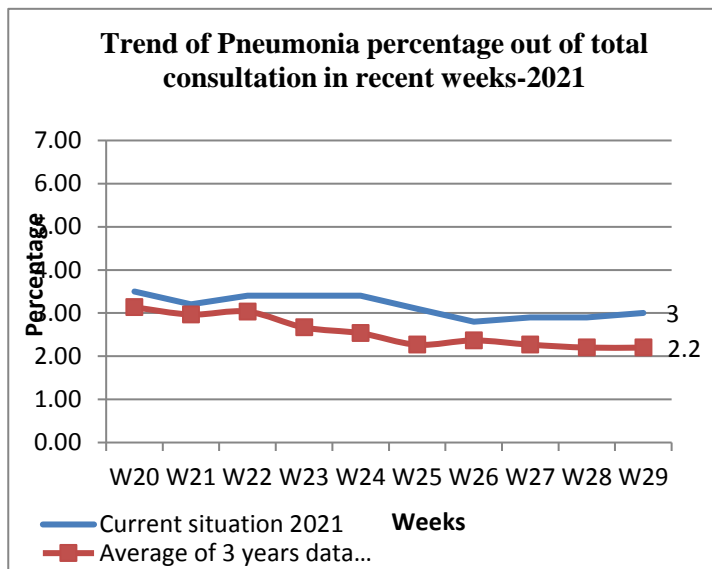


Table 2: Cases and deaths due to VPDs by age group during week 29th, 2021

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	202	34	236	0	2	2	0.85
Tetanus	0	1	1	0	0	0	0.00

Seasonal Diseases:



During week 29th, 04 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
24/07/2021	Herat	City	Area 14 th	01	0	50 Y	Bucher	During this week 04 suspected CCHF cases were reported from Herat, Badghis and Balkh provinces, case management was done for all the cases, and health education sessions were conducted for all the cases.
24/07/2021	Herat	Robot Sangi	Tourghondi	01	0	25 Y	Other	
24/07/2021	Badghis	Morghab	Joye ganj	01	0	45	Farm Worker	
24/07/2021	Balkh	Mazar-i-Sharif	Area 7 th	01	0	80 Y	Housewife	

Figure 3: Case of COVID-19 and CCHF during the week 29th 2021

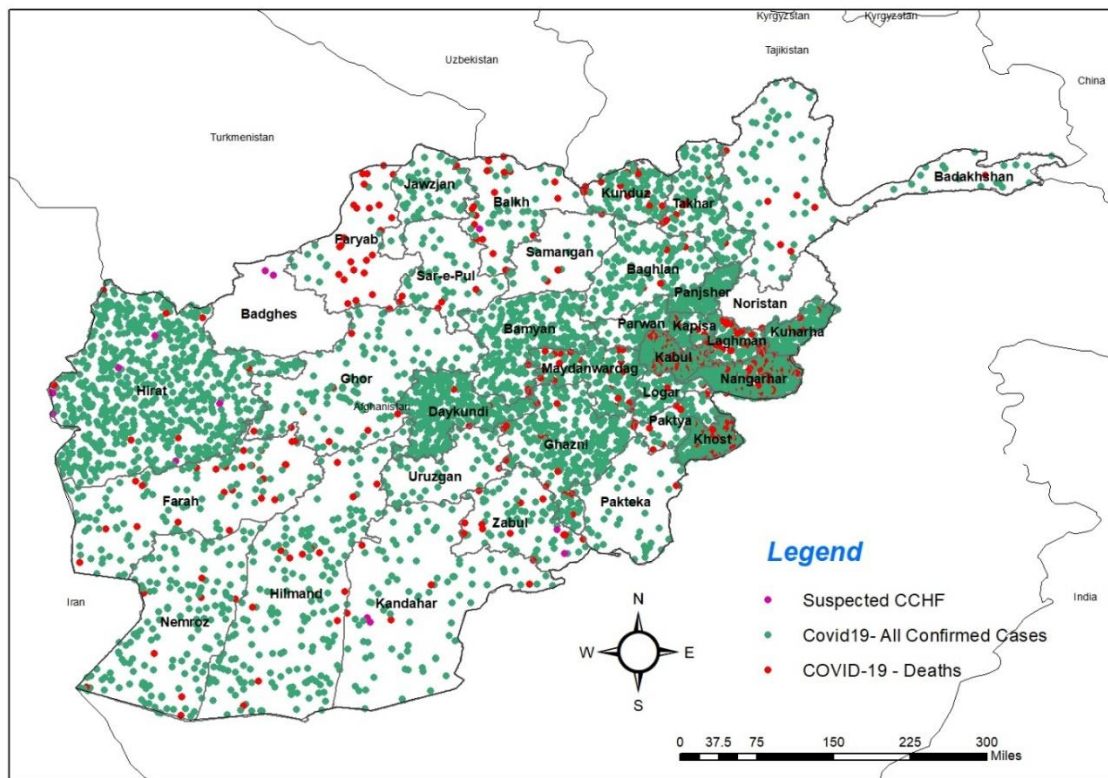


Table 3: Updates on the outbreaks reported during 2021 (27 Dec 2020 to 24 July, 2021)

Disease/Event	No. of outbreaks	No. of Lab_ Confirm	No. of Cases	Sum of Total Deaths
Measles	88	62	942	30
CCHF	37	7	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	97833	4,617
Food poisoning	2	0	42	0
Gas (CO) Poisoning	1	0	34	0
Total	155	71	99248	4653

Laboratory surveillance:

A total of **11,513** specimens were collected and shipped to CPHL and regional and private labs. Out of which **2,801** specimens were confirmed for COVID-19 in this week.

Influenza Surveillance activities:

In Epidemiological week 29th 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, 63 (03%) Severe Acute Respiratory Infections cases were reported and 67% were under 5 years old. The proportion of SARI cases were decreased as compared to week 28th 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 (17%), Kapisa (11%) and Baghlan (10%). In this epidemiological week, our field staff shipped 17 SARI and 08 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

In this week **11,513** specimens were tested for suspected COVID-19. Out of which **2,801** 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 decreased due to Eid holydays in most of the provinces compared to last week (in general 59 % less cases were reported, and 6.3% lab samples positivity rate decreased as compared to last week countrywide).
- Bed occupancy rate (BOR) in the national level is 65%, which decreased 14% compared to previous week.

Out of **6,740** contacts of **2952** positive cases which were mostly family members with an average of 2 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 **30,976** 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 (Badakhshan, Bamyan, Daikundy, Helmand, Nangarhar and Panjshir) 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 of COVID-19 cases should be strengthened and home quarantine should be recommended for all contacts up to 14 days.
- BOR in the 05 provinces (Khost, Bamyan, Helmand, Ghazni and Nangarhar) 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 236 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.