



National Disease Surveillance
& Response (NDSR)

NDSR Weekly Epidemiological Report–33rd

Date: 15 to 21 August, 2021

Summary:

- Out of 513 functional Surveillance sentinel sites, 455 (88.7%) have submitted reports this week.
- A total of 376,637 new consultations, 149,024 (42.8%) were due to Surveillance targeted diseases.
- The main causes of consultations this week were ARI (Cough & Cold), 57,235 cases, (17.6%) out of total new consultations, Acute Diarrheal Diseases 58,380 cases (15.2%) out of total new consultations and Pneumonia, 10,916 cases (2.9%) out of total new consultations.
- A total of 216 deaths were reported this week, of which 67 were due to Surveillance targeted diseases, which includes 50 COVID-19 deaths, 11 Pneumonia deaths, 03 Acute Diarrheal Diseases deaths, 02 suspected Measles deaths, and 01 suspected Hemorrhagic Fever death.
- A total of 381 Measles cases with (07 deaths) were reported in this week.
- Also, in this week, 01 suspected Measles outbreak reported from Nooristan province, 04 suspected CCHF cases reported from Herat province and 438 COVID-19 confirmed cases reported from all over the country.

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

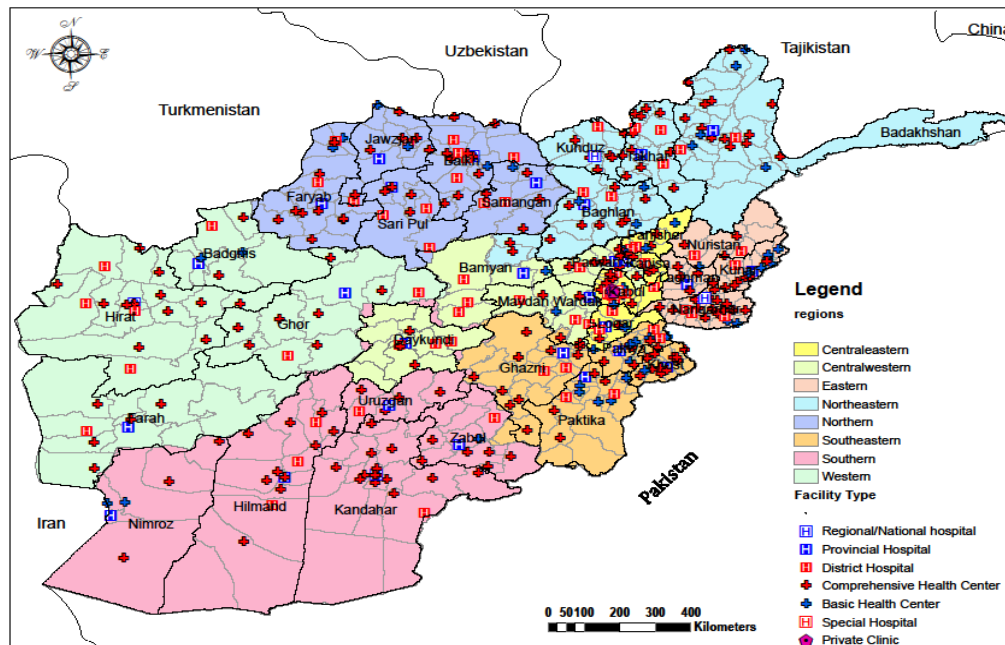


Table 1: Coverage of NDSR Surveillance System

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.

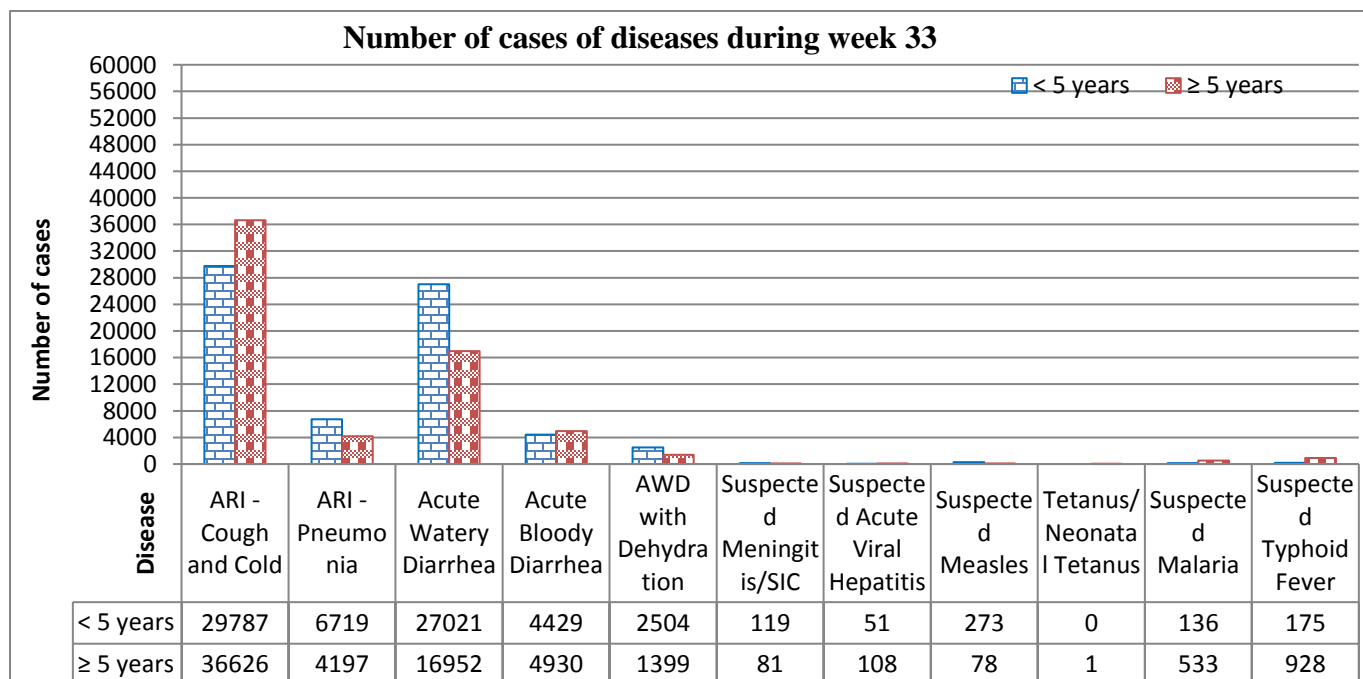
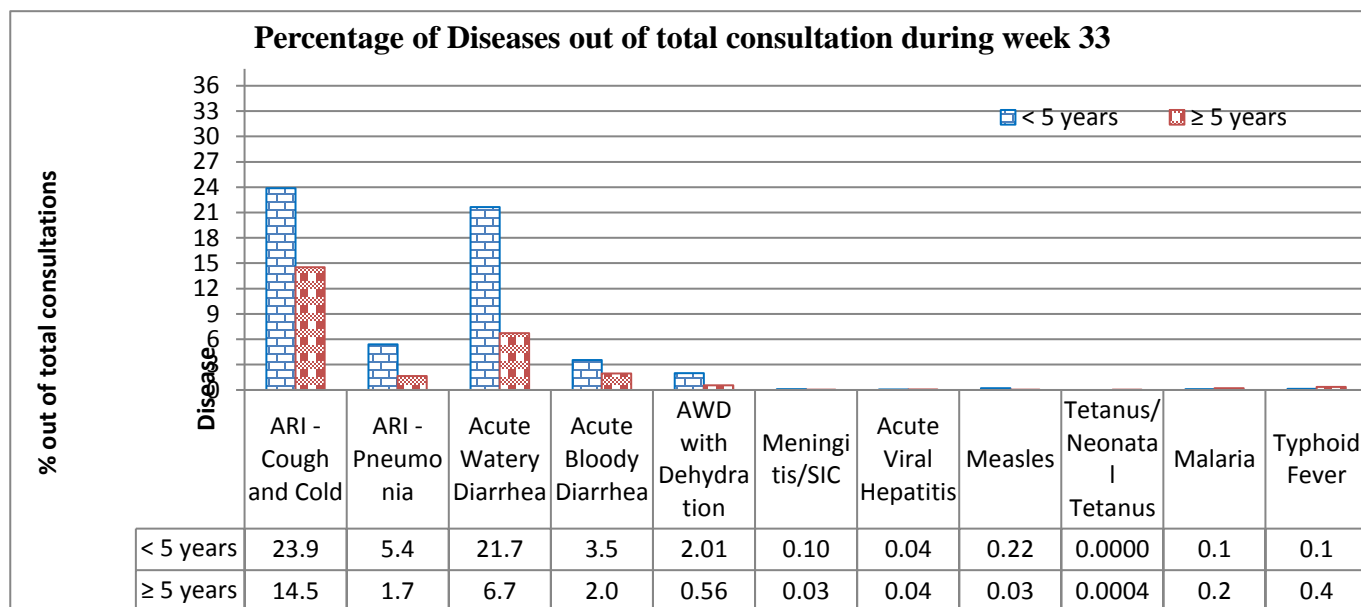
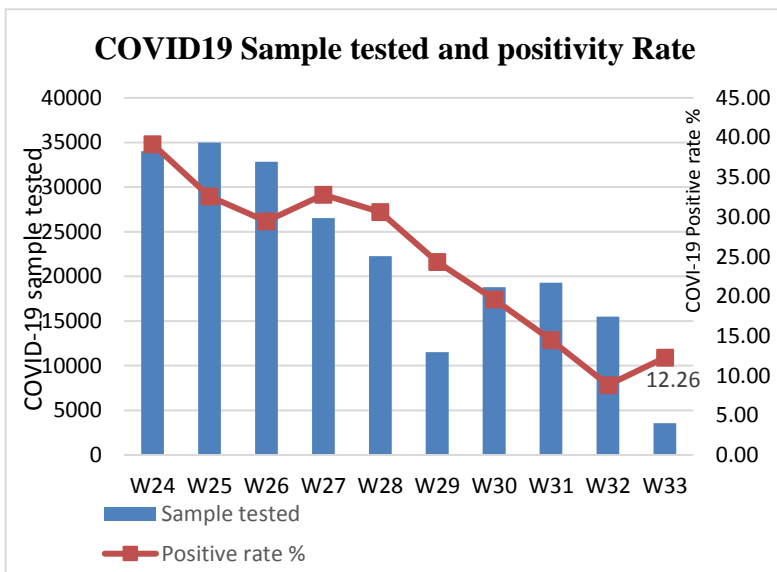
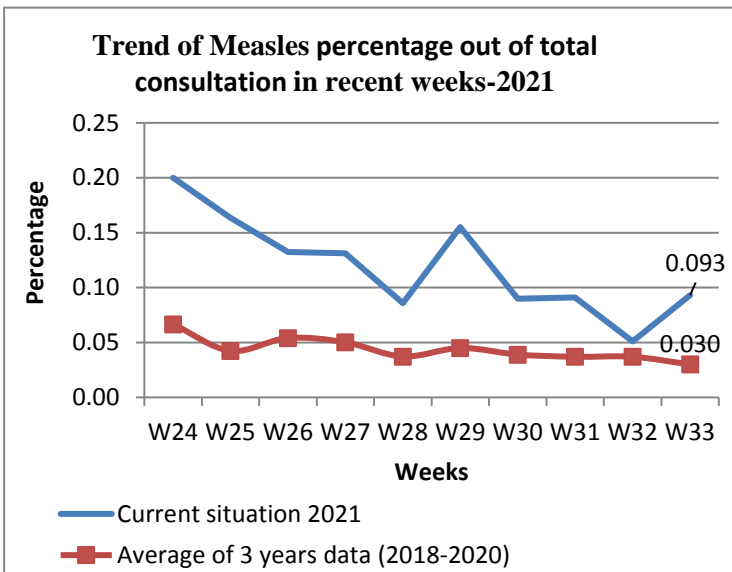
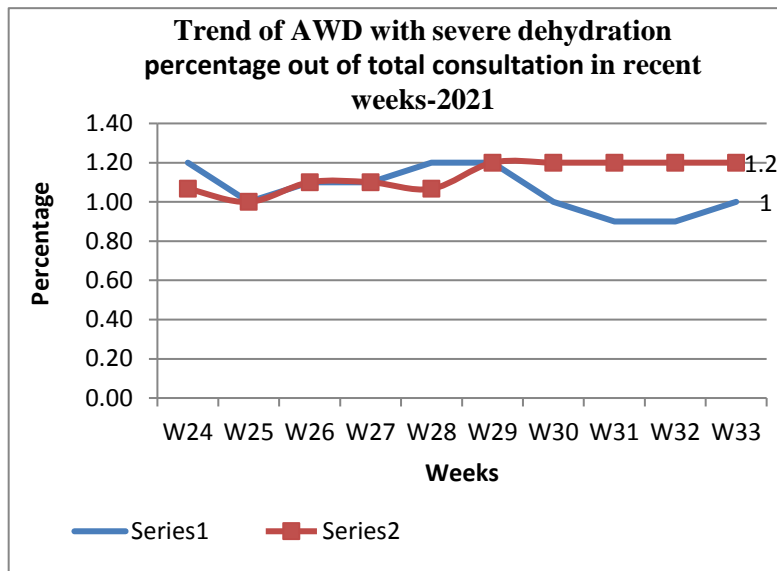
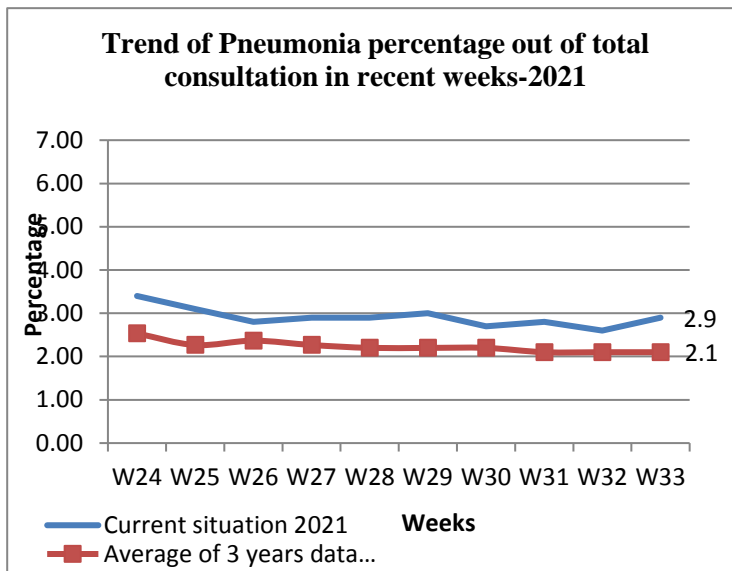


Table 2: Cases and deaths due to VPDs by age group during week 33rd, 2021

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	273	78	351	0	2	2	0.57

Seasonal Diseases:



During week 33rd, one suspected Measles outbreak and 04 suspected CCHF cases were detected, investigated and responded by NDSR team and the related stakeholders. The details are as below:

Suspected Measles Outbreak									
Reported Date	Province	District	Village	<5 Cases	≥5 Cases	Total Cases	Total Deaths	Coverage %	Recommendation /Action take
8/8/2021	Nuristan	Norgram	Namka	20	10	30	5	43%	In this week, 01suspected Measles outbreak was reported from Nuristan province with 30 clinical cases, the outbreak was investigated, case management was done for all the cases. Health education regarding this events delivered by the investigation team. In addition, the team vaccinated 112 children under 5 years old.

Suspected CCHF cases								
Reported dated	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation/Action take
18/08/2021	Herat	Area 3 rd	City	1	0	45y	Housewife	During this week, 04 suspected CCHF cases were reported from Herat province, case management and health education was done. In addition, this issue was shared with Zoonotic committee for further needed action in the affected area.
21/08/2021	Herat	Karukh	chishma draz	1	0	70y	Housewife	
18/08/2021	Herat	Karukh	Chishma Noqe	1	0	58y	Farmer	
21/08/2021	Herat	Robat sangi	Siara maidan	1	0	25y	Shepherd	

Figure 3: Cases of COVID-19 and CCHF during the week 33rd 2021

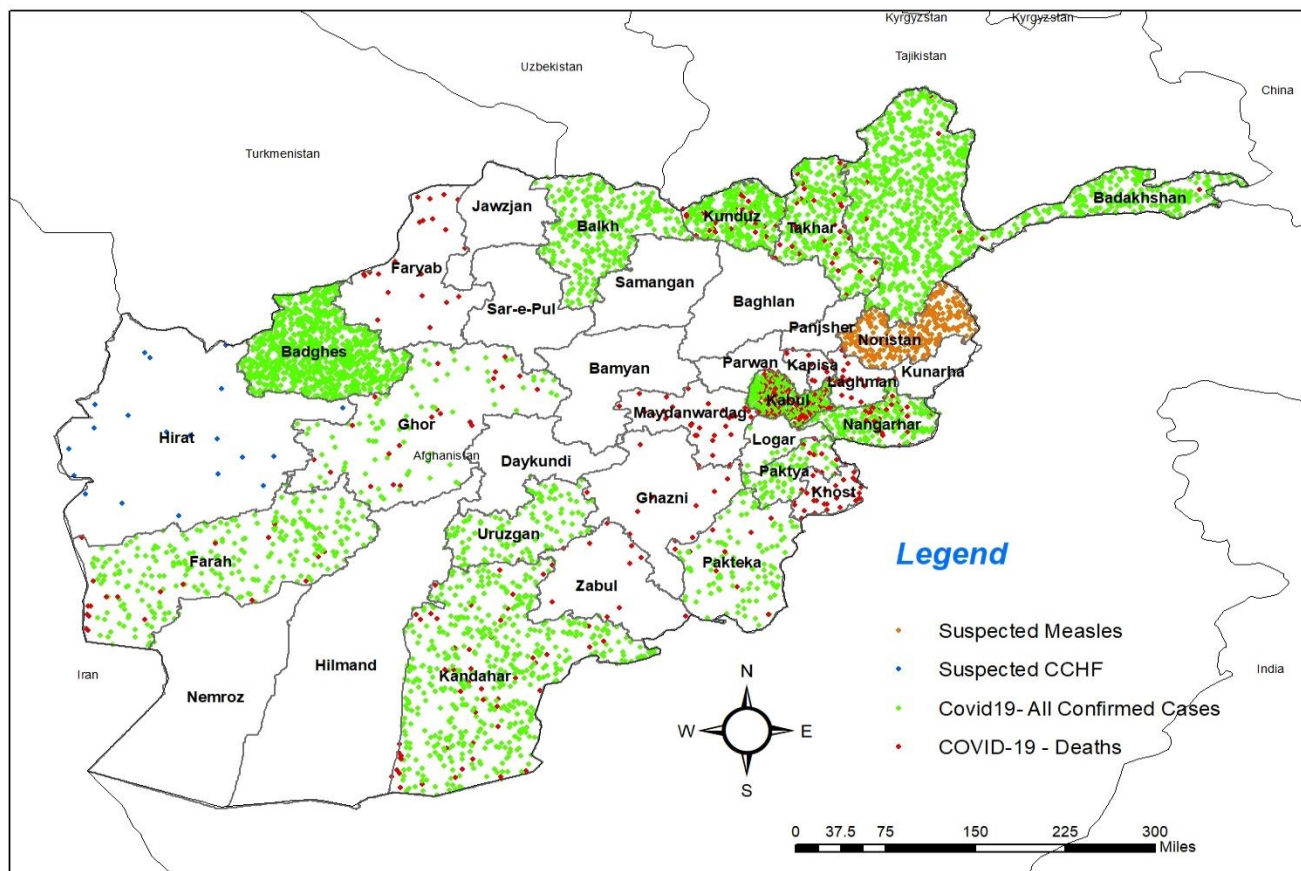


Table 3: Updates on the outbreaks reported during 2021 (27 Dec 2020 to 21 August 2021)

Disease/Event	No. of outbreaks	No. of Lab_Confirmed	No. of Cases	Sum of Total Deaths
Measles	89	62	972	35
CCHF	47	7	57	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	100,571	4906
Food poisoning	2	0	42	0
Gas (CO) Poisoning	1	0	34	0
Total	166	71	102029	4947

Laboratory surveillance:

A total of **3,573** specimens were collected and shipped to CPHL, the regional and private labs. Out of which **438** specimens were confirmed for COVID-19 in this week.

Influenza Surveillance activities:

In Epidemiological week 33rd 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, 73 (03%) Severe Acute Respiratory Infections cases were reported and 68% were under 5 years old. The proportion of SARI cases were decreased as compared to week 32nd 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 (13%), and Baghlan (10%). In this epidemiological week, our field staff shipped 17 SARI and 12 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

In this week, **3,573** specimens were tested for suspected COVID-19. Out of which **438** 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 decreased in most of the provinces compared to last week (in general 68 % less cases were reported, and 3.4 % lab samples positivity rate increased as compared to last week countrywide).
- Bed occupancy rate (BOR) at the national level is 42.4%, which decreased 2.9% compared to previous week.

Out of **1,332** contacts of **326** positive cases that were mostly family members with an average of 04 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 **13,894** passengers have been screened for COVID-19 in the points of entry of seven provinces (Balkh, Herat, Kabul, Kunduz, Nangarhar, Nimroz and 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

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.
- **EPI:** As the system detected 381 suspected Measles cases and 07 deaths due to Measles, further prevention and control measures should be conducted by the EPI team.
- The findings should be analyzed further in different levels and appropriate actions to be taken by the concerned departments.