



National Disease Surveillance
& Response (NDSR)

Weekly Epidemiological Report–08th

Date: 21 to 27 Feb 2021

Summary:

- Out of 513 functional Surveillance sentinel sites, 475(92.5%) have submitted reports this week.
- A total of 452,703 new consultations, 175,041 (38.7%) were due to Surveillance targeted diseases.
- The main causes of consultations this week were ARI (Cough & Cold), 118,016 cases, 26.1% out of total new consultations, Pneumonia, 24,399 cases, 5.4% out of total new consultations and Acute Diarrheal Diseases, 30,527 cases, 6.8% out of total new consultations.
- A total of 236 deaths were reported this week, of which 56 were due to Surveillance targeted diseases, which includes 52 Pneumonia deaths, 02 Meningitis deaths, one Acute Viral Hepatitis death and one Measles death.
- A total of 02 suspected Measles outbreaks reported this week from Parwan and Helmand provinces, also 116 COVID-19 confirmed cases reported from all the provinces.

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

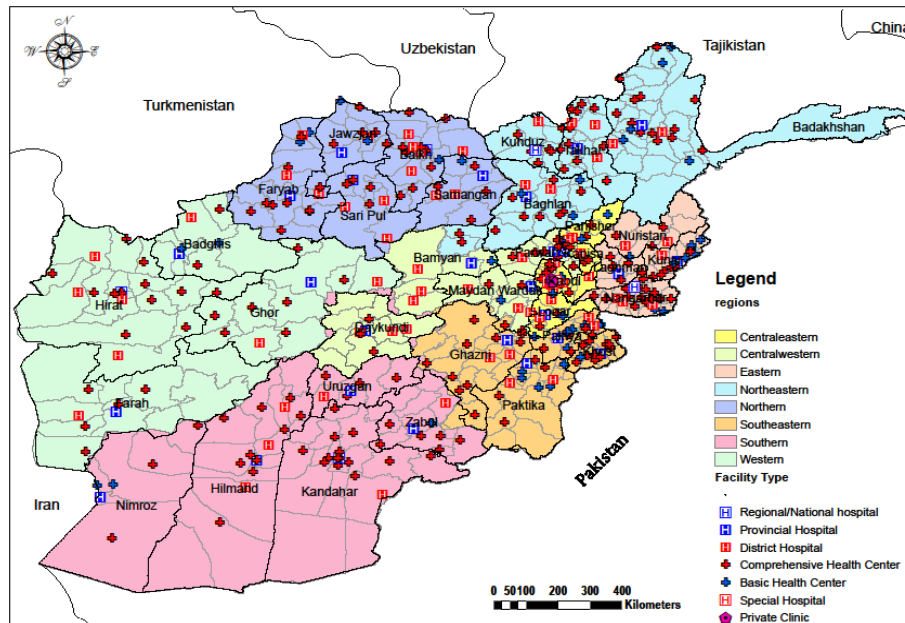


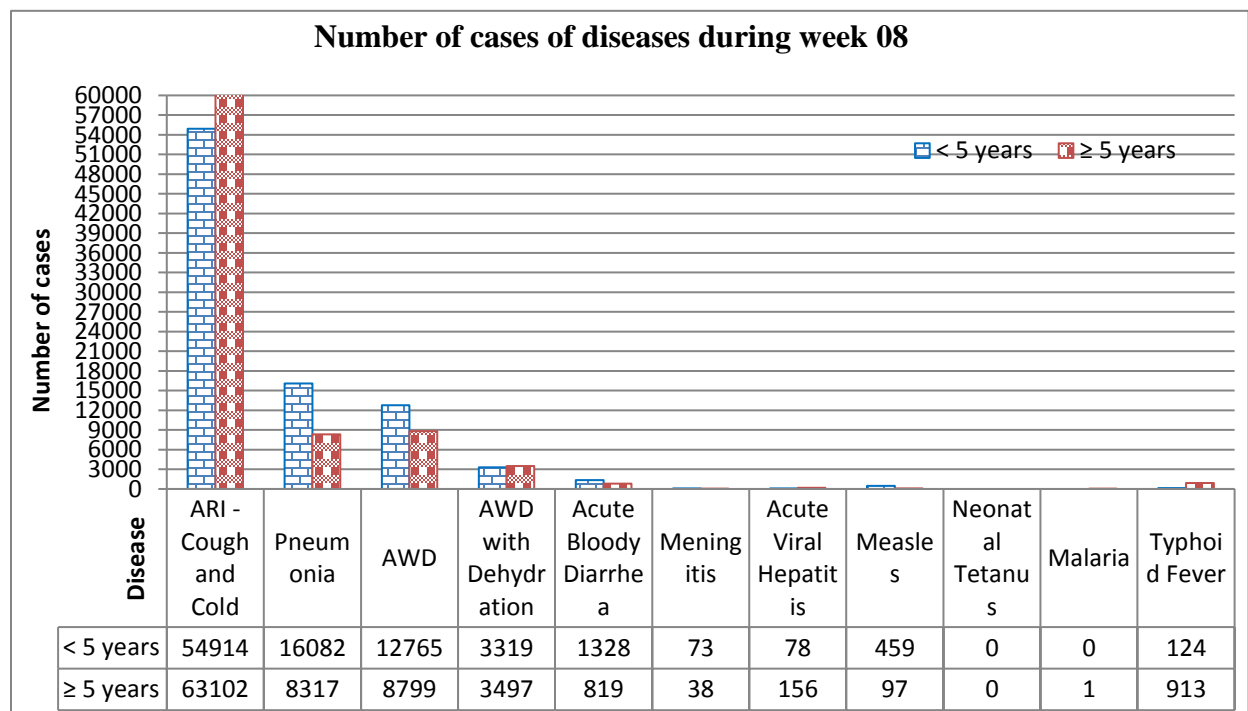
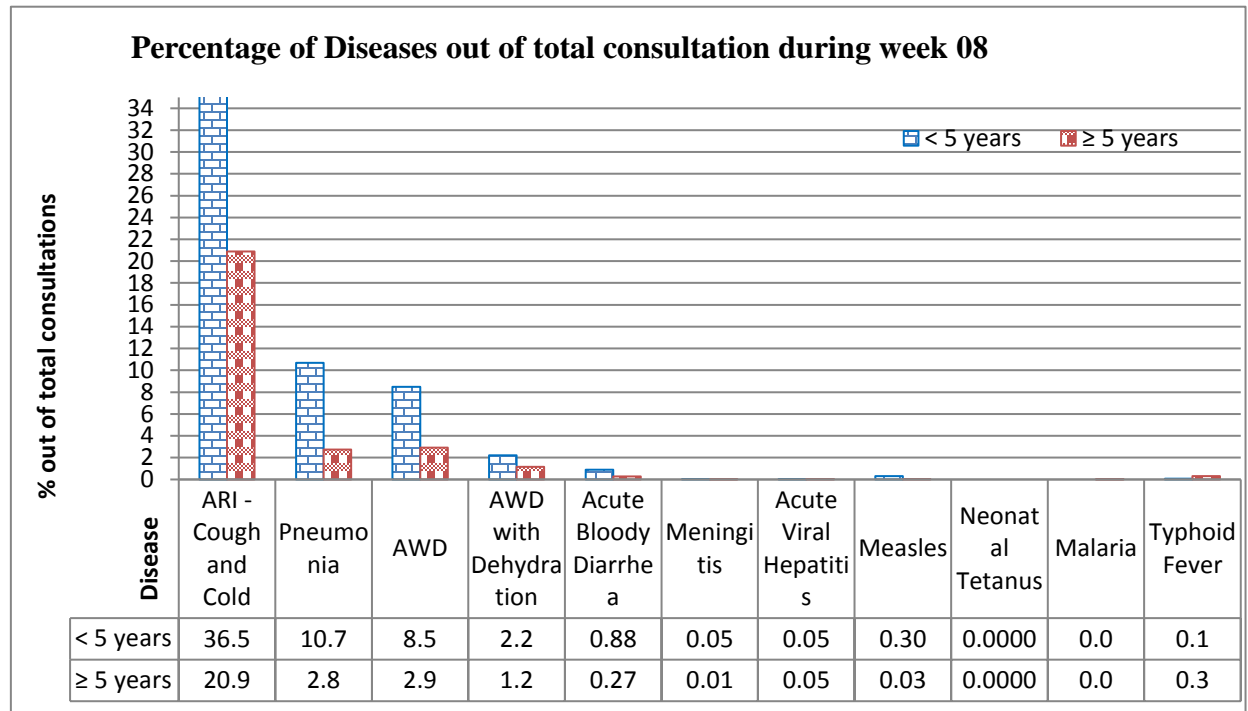
Table 1: Coverage of NDSR Surveillance System

Type of Health Facility	RH/PH	DH	CHC/BHC	Special Hospital	Other	Total
Total Health Facilities (HF)	37	88	1,315	32	1171	3,718
HF covered by NDSR-Plus	32	77	389	12	3	513

Indicator - based Surveillance:

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 week 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

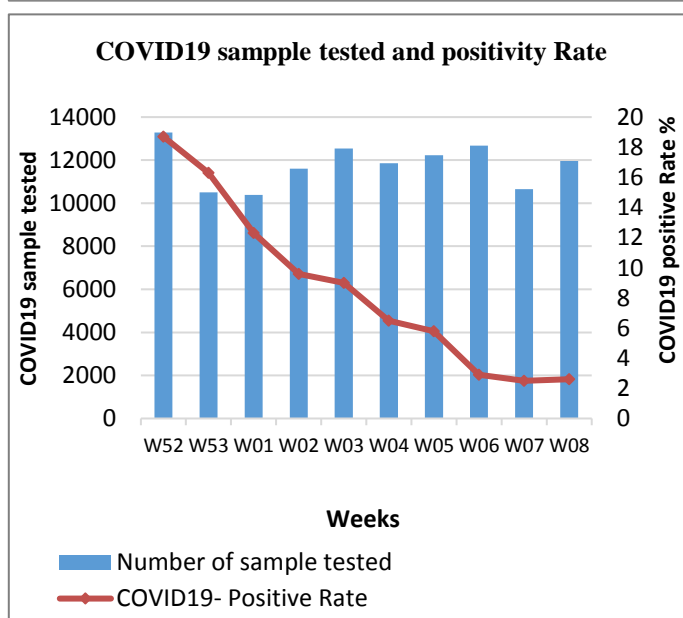
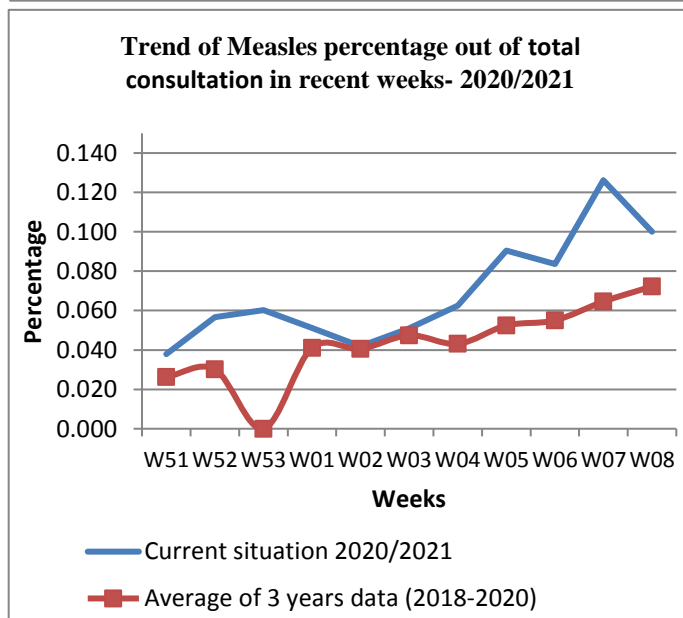
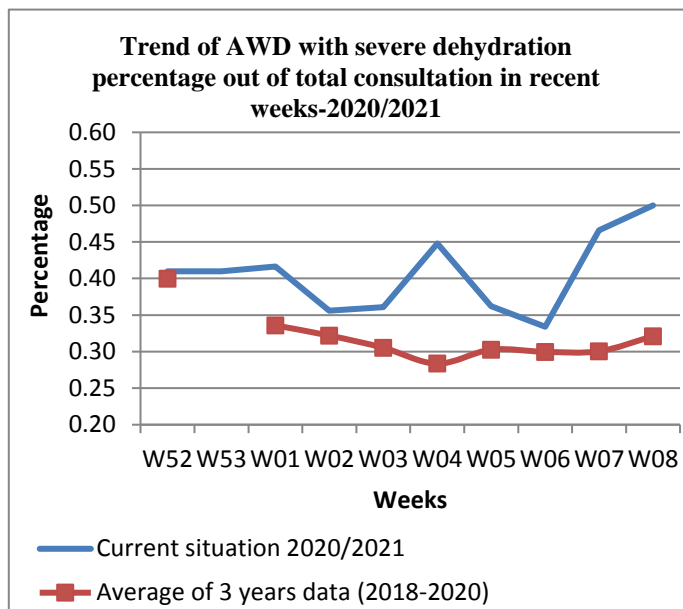
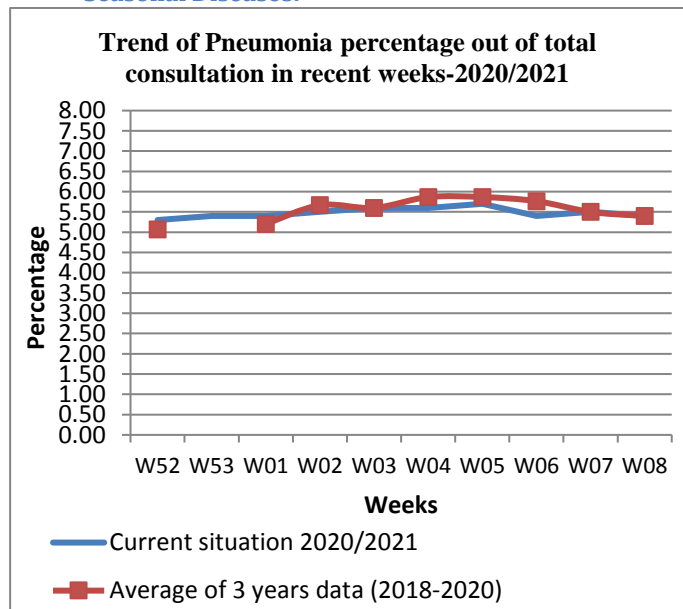


Vaccine-Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 08th 2021

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	459	97	556	1	0	1	0.2
Tetanus	0	1	1	0	0	0	0.0

Seasonal Diseases:



During week 08th total of (02) outbreaks detected, investigated and responded by NDSR teams and the related stakeholders. The details are as below

Suspected Measles Outbreak									
Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Total deaths	coverage %	Recommendation/Action take
27 Feb 2021	Parwan	Charikar	Pashian	5	8	13	0	70 %	In this week 02 suspected Measles outbreaks reported from Parwan and Helmand provinces. The cases were investigated, case management was done for all the cases, vaccination plan was prepared for the surrounding villages eligible children, health education sessions were conducted.
23 Feb 2021	Helmand	Nahresraj	New Manda	6	2	8	0	60 %	

Figure 3: Outbreaks investigated during the week 08th, 2021

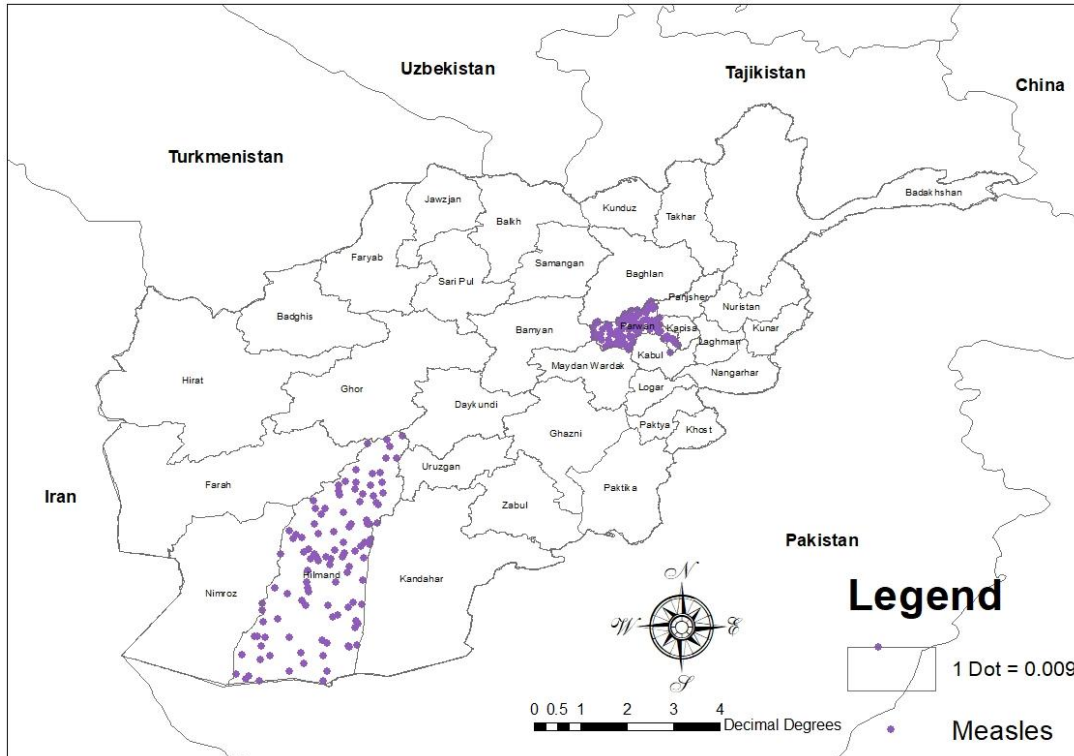


Table 2: Updates on the outbreaks reported during 2021 (27 Dec 2020 to 27 Feb 2021)

Disease/Event	No. of outbreaks	No. of Lab confirmed outbreaks	No. of cases	No. of Deaths
Measles	37	0	347	2
CCHF	6	0	6	0
Scabies	3	0	71	0
Diphtheria	3	0	6	1
Dog bites/Suspected Rabies	2	0	12	0
COVID-19	1	1	55733	2444
Novel influenza(H5N8)	1	0	5	0
Tick bite	1	0	9	0
Chickenpox	1	0	9	0
Gas (CO) Poisoning	1	0	18	0
Grand Total	56	1	56216	2447

Laboratory surveillance:

A total of 11,969 specimens were collected and shipped to CPHL. Out of which 116 specimens were confirmed for COVID 19.

Influenza Surveillance activities:

In Epidemiological week 8th, 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 admission, 254 (7%) Severe Acute Respiratory Infections cases were reported and 73% of them were under 5 years old. The proportion of SARI cases was same as compared to week 7th 2021. Six SARI associated deaths were reported this week. At the 9 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kapisa (58%), Kabul (30%) and Paktya (12%). In this epidemiological week, our field staff send 60 SARI and 34 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

In this week 11954 specimens were tested for suspected COVID-19. Out of which 116 samples were confirmed for COVID 19 by rtPCR. The cases have been managed either in the isolation wards or in-home quarantine,

Out of 335 contacts of 17 positive cases which were mostly family members with an average of 20 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 359,905 passengers have been screened for COVID-19 in the point of entry of nine provinces (Kabul, Herat, Paktika, Balkh, Farah, Nimroz, Kandahar, Nangarhar and Kunduz provinces).

Challenges:

- Inadequate lab sample collection for COVID-19 cases from the districts, as majority of the samples are collected from the cities, this issue unable the surveillance system to present the real situation
- Measles outbreaks and sporadic cases are increased compared to last year,

Recommendations:

- COVID-19 lab samples should be collected from all districts (all PHs, DHs and district centers should collect the lab samples)
- EPI teams and the BPHS/EPHS implementer NGOs are requested to strengthen the preventive and control measures for Measles outbreaks and sporadic cases.
- **EPI:** As the system detected 577 suspected Measles cases and one 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.