



National Disease Surveillance
& Response (NDSR)

Weekly Epidemiological Report-06th

Date: 07 to 13 Feb 2021

Summary:

- Out of 513 functional Surveillance sentinel sites, 472 (92%) have submitted reports this week.
- A total of 470,023 new consultations, 178,766 (38%) were due to Surveillance targeted diseases.
- The main causes of consultations this week were ARI (Cough & Cold), 123,443 cases, 26.3% out of total new consultations, Pneumonia, 25,385 cases, 5.4% out of total new consultations and Acute Diarrheal Diseases, 27,979 cases, 6% out of total new consultations.
- A total of 270 deaths were reported this week, of which 68 were due to Surveillance targeted diseases, which includes 61 Pneumonia deaths, 04 Meningitis deaths, one Acute Watery Diarrhea death, one Measles death and one Tetanus death.
- A total of 08 outbreaks reported this week; of which 06 Suspected Measles outbreaks reported from Zabul, Paktya and Kunar provinces and 02 CCHF cases reported from Faryab province, also 157 COVID-19 confirmed cases reported from all the provinces.

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

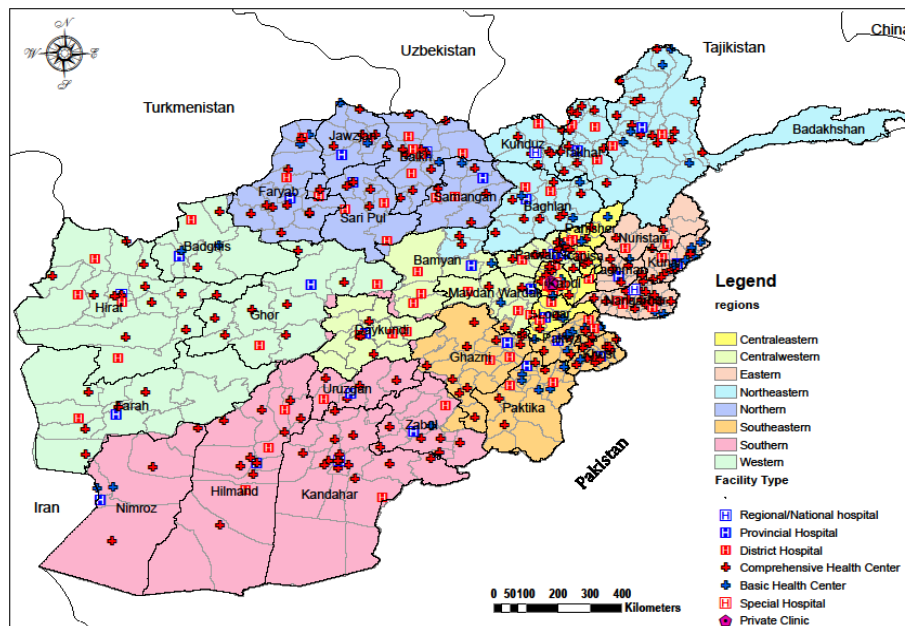


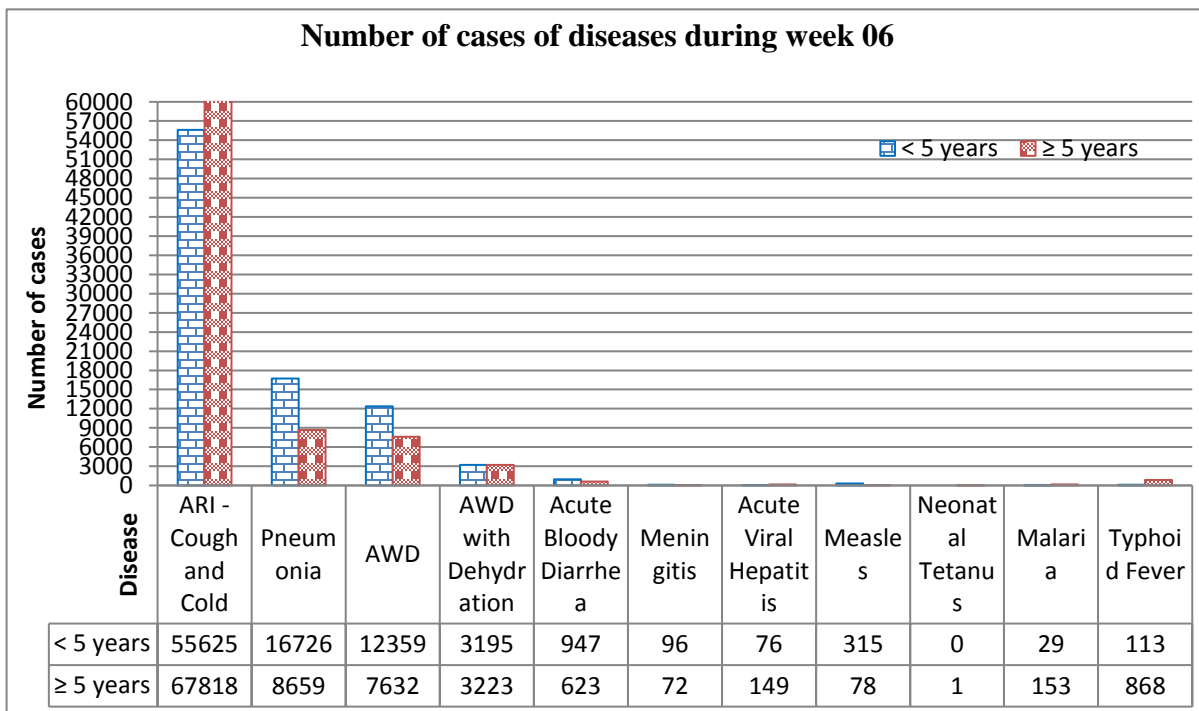
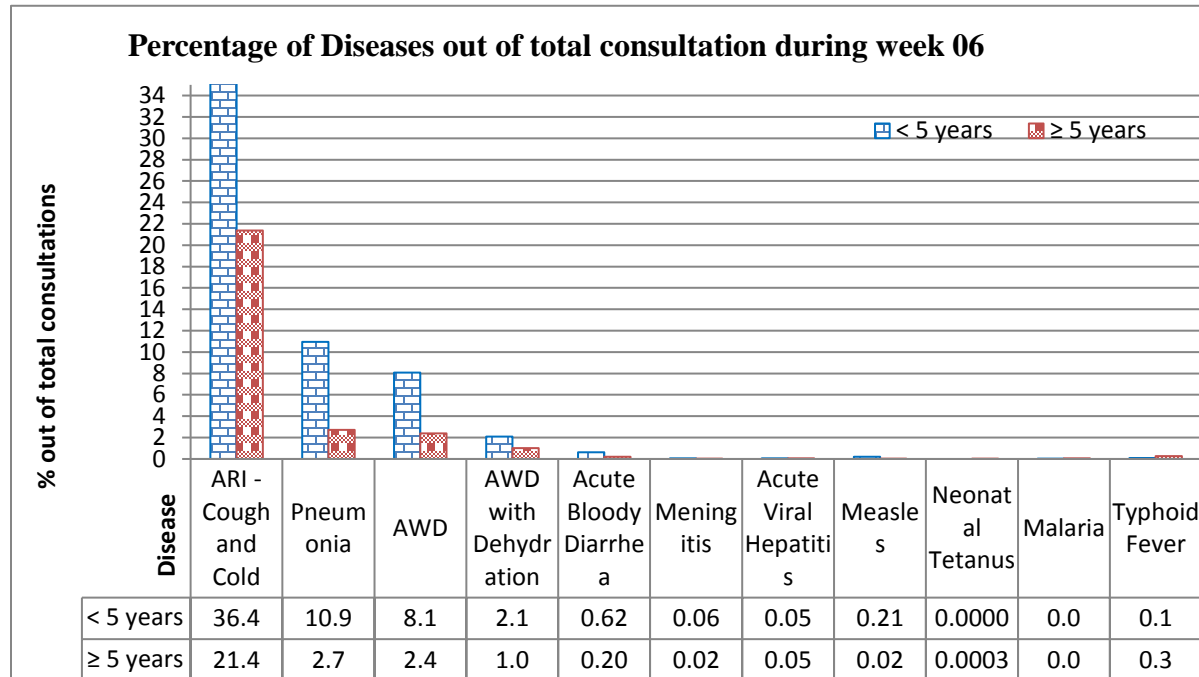
Table 1: Coverage of NDSR Surveillance System

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

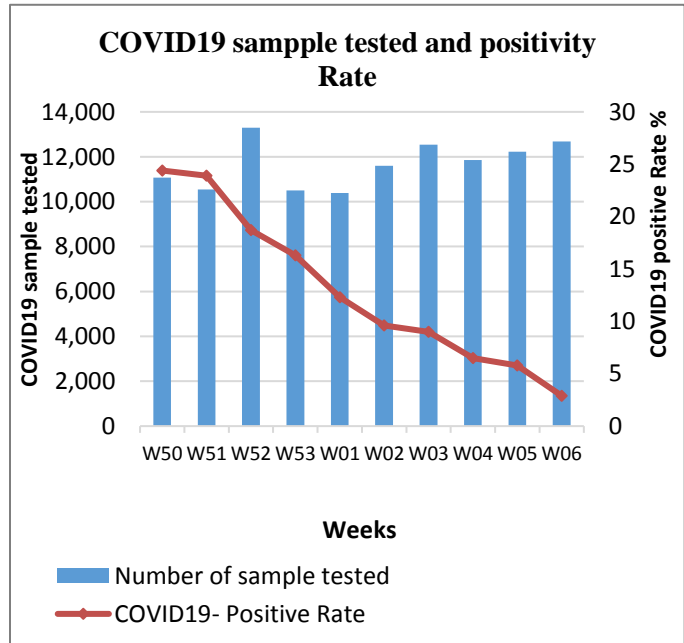
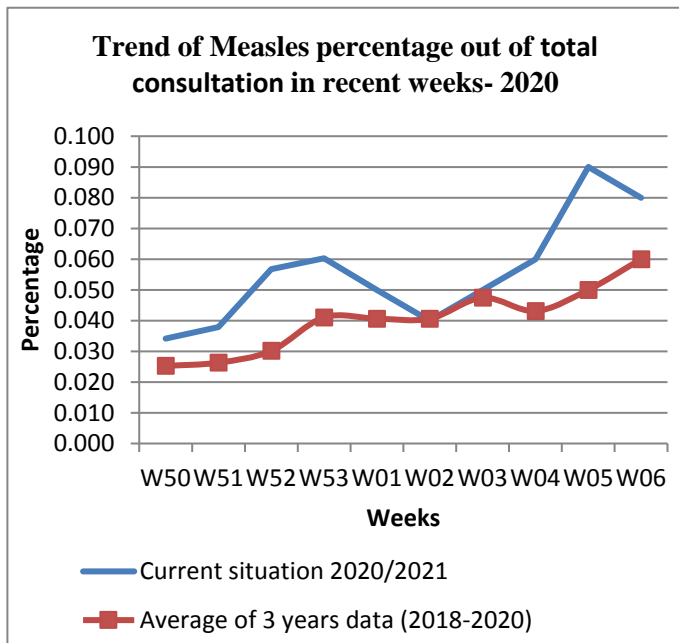
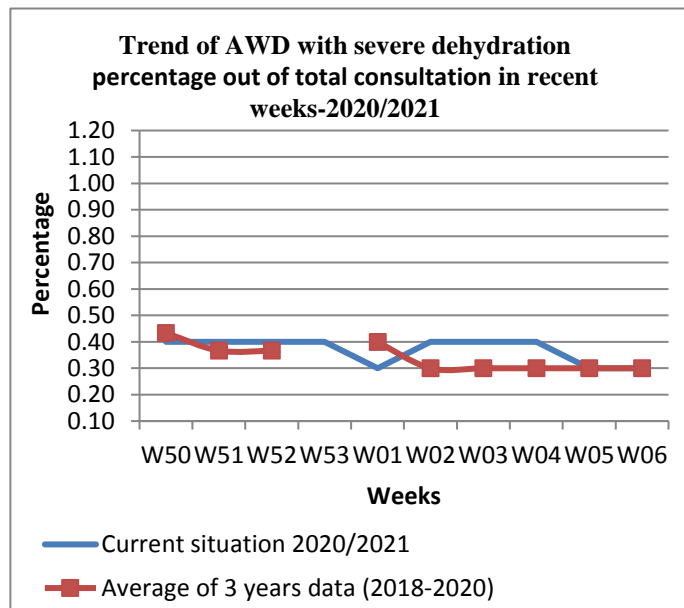
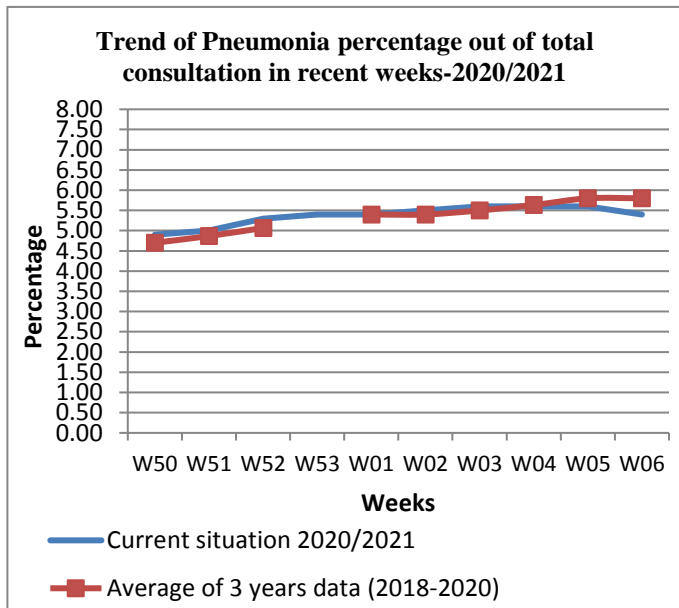


Vaccine-Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 06th 2021

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	315	78	393	0	1	1	0.3
Tetanus	0	1	1	0	1	1	100.0

Seasonal Diseases:



During week 06th total of (08) 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 %	Vaccination	Recommendation/Action take
09 Feb 2021	Paktya	Waza Zadran	Mati	11	0	11	0	0%	NA	In this week 06 Measles outbreaks were reported from Zabul, Paktya and Kunar 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.
10 Feb 2021	Paktya	Mirzaka	Naraki	6	3	9	0	35%	NA	
06 Feb 2021	Zabul	Qalat	Zozgara	8	0	8	0	24%	NA	
06 Feb 2021	Zabul	Qalat	Malakhy Manda	6	4	10	0	21%	NA	
09 Feb 2021	Zabul	Qalat	Basaki full	8	3	11	0	33%	NA	
09 Feb 2021	Kunar	Dara-e-pach	Kalemo	21	5	26	0	40%	NA	

Suspected CCHF cases										
Reported dated	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation/Action take		
10 Feb 2021	Faryab	Belcheragh	Bolak Qeshlaq	1	0	13	Other	During this week 02 suspected CCHF cases were reported from Faryab province, the cases had probable contact with animals or the tissues of the animal, case management was done for all the cases and health education sessions were conducted. No death was reported from CCHF in this week		
13 Feb 2021	Faryab	Almar	Center	1	0	35	Former			

Figure 3: Outbreaks investigated during the week 06th, 2021

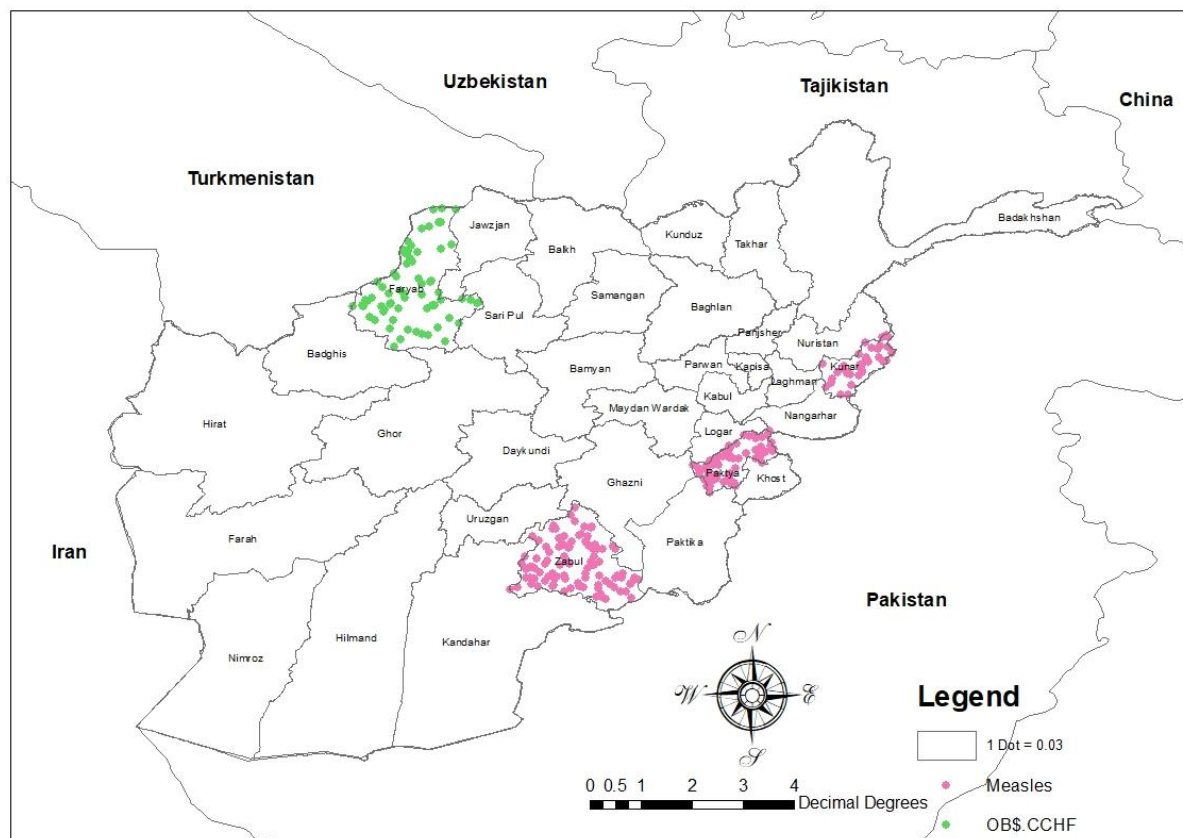


Table 2: Updates on the outbreaks reported during 2021 (27 Dec 2020 to 13 Feb 2021)

Disease/Event	No. of outbreaks	No. of Lab confirmed outbreaks	No. of cases	No. of Deaths
Measles	19	0	239	1
CCHF	4	0	4	0
Diphtheria	3	0	6	1
Scabies	3	0	71	0
Dog bites/Suspected Rabies	2	0	12	0
COVID-19	1	1	55514	2427
Chickenpox	1	0	9	0
Tick bite	1	0	9	0
Gas (CO) Poisoning	1	0	18	0
Grand Total	35	1	55882	2429

Laboratory surveillance:

A total of 12,679 specimens were collected and shipped to CPHL. Out of which 157 specimens were confirmed for COVID 19.

Influenza Surveillance activities:

In Epidemiological week 6th, 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, 262 (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 5th 2021. Seven 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 (54%), Kabul (27%) and Paktya (12%). In this epidemiological week, our field staff send 56 SARI and 43 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

In this week 12,679 specimens were tested for suspected COVID-19. Out of which 157 samples were confirmed for COVID 19 by rtPCR. The cases have been managed either in the isolation wards or in-home quarantine,

Out of 388 contacts of 53 positive cases which were mostly family members with an average of 7 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 358,289 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:

- Poor follow-up for contacts of the lab confirmed cases for early detection of COVID-19 cases by the BPHS implementer NGOs.
- Under-reporting of COVID-19 clinical cases from public and private HFs
- In the recent weeks, the Measles outbreaks and sporadic cases are increased compared to last year
- Inadequate lab sample collection system for COVID-19 cases from the districts, as currently majority of the samples are collected from the cities, this make us unable to present the real situation

Recommendations:

- Contact tracing for all contacts of the lab confirmed cases should be implemented by the BPHS implementer NGOs
- COVID-19 clinical cases reporting should be strengthened in all public and private health facilities
- EPI teams and the BPHS/EPHS implementer NGOs are requested to strengthen the preventive and control measures for Measles outbreaks and sporadic cases.
- COVID-19 lab samples should be collected from all districts (all PHs, DHs and district centers should collect the lab samples)
- **EPI:** As the system detected 468 suspected Measles 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.