



National Disease Surveillance
& Response (NDSR)

Weekly Epidemiological Report–05th

Date: 31 Jan to 06 Feb 2021

Summary:

- Out of 513 functional Surveillance sentinel sites, 478(93.2%) have submitted reports this week.
- A total of 472,536 new consultations, 186,261 (39.4%) were due to Surveillance targeted diseases.
- The main causes of consultations this week were ARI (Cough & Cold), 129,604 cases, 27.4% out of total new consultations, Pneumonia, 26,661 cases, 5.6% out of total new consultations and Acute Diarrheal Diseases, 28,096 cases, 5.8% out of total new consultations.
- A total of 254 deaths were reported this week, of which 58 were due to Surveillance targeted diseases, which includes 49 Pneumonia deaths, 05 Meningitis deaths, 02 Acute Water Diarrhea deaths, one Measles death and one Pregnancy related death.
- A total of 07 outbreaks reported this week; of which 05 Suspected Measles outbreaks reported from Khost, Paktika and Balkh provinces, one Diphtheria outbreak reported from Faryab province, one Scabies outbreak reported from Khost province, and 298 COVID-19 confirmed cases reported from all the provinces.

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

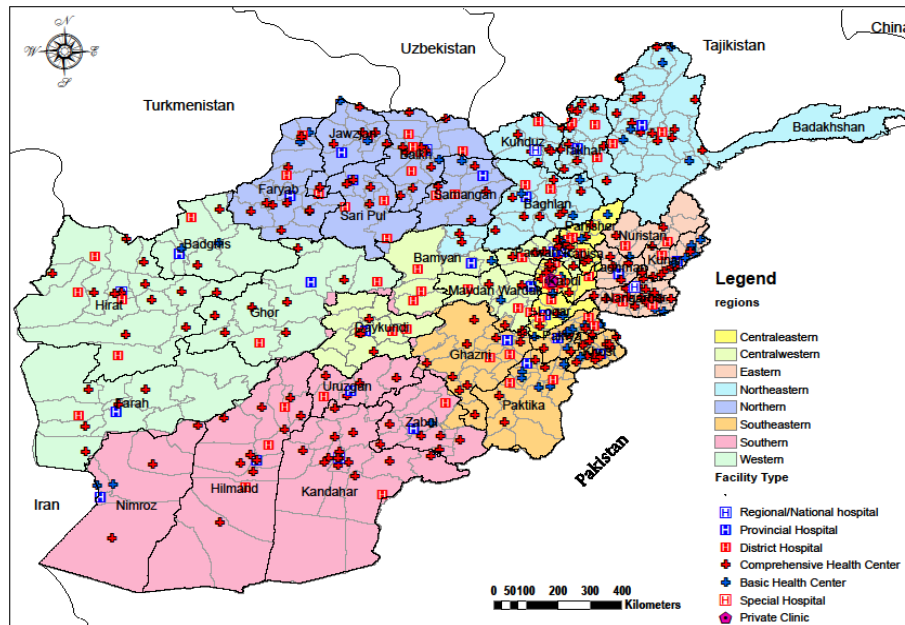


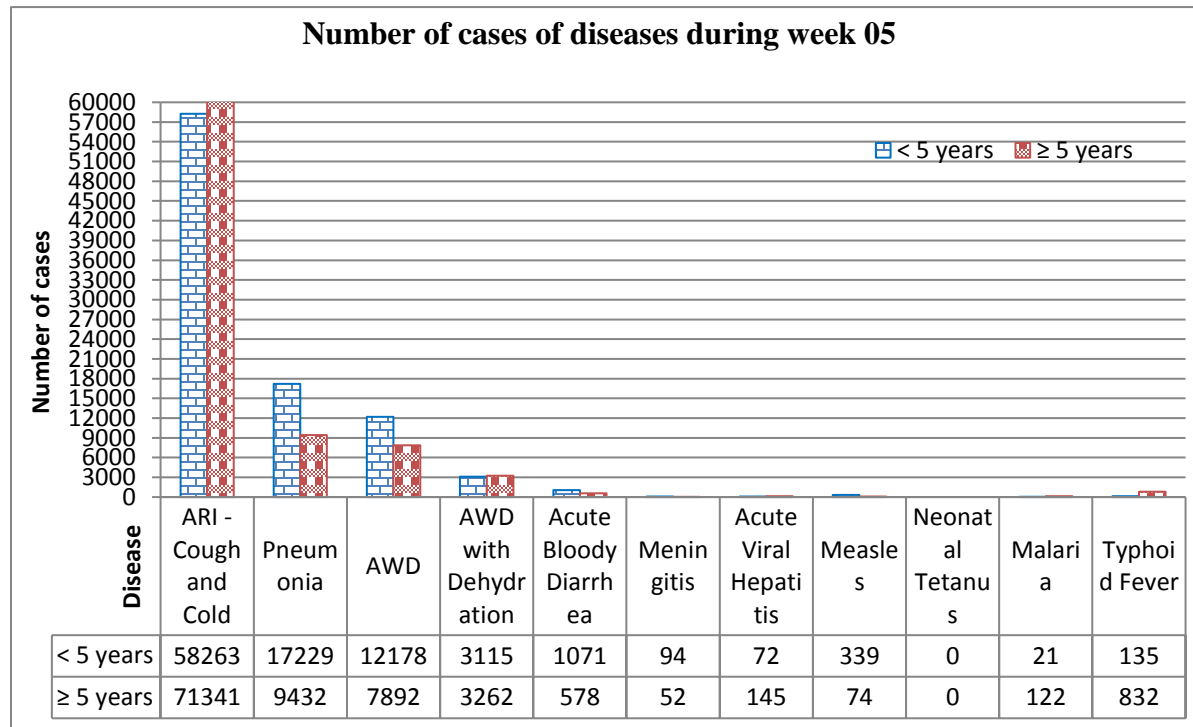
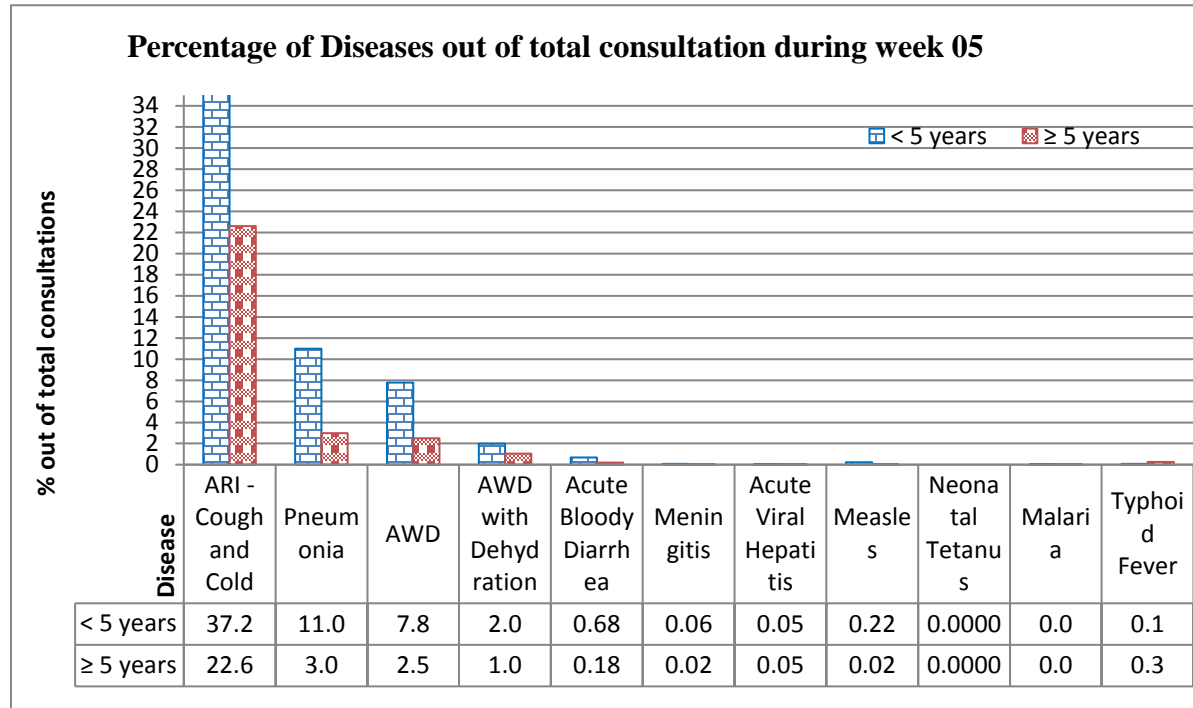
Table 1: Coverage of NDSR Surveillance System

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

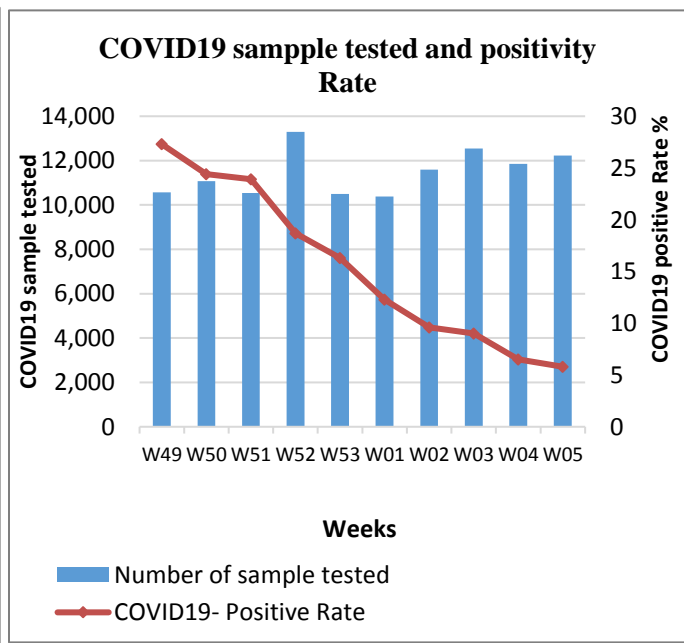
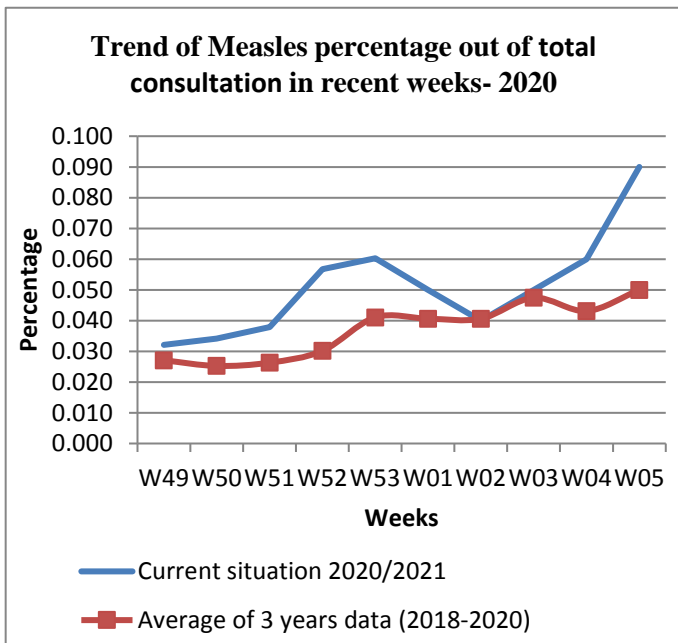
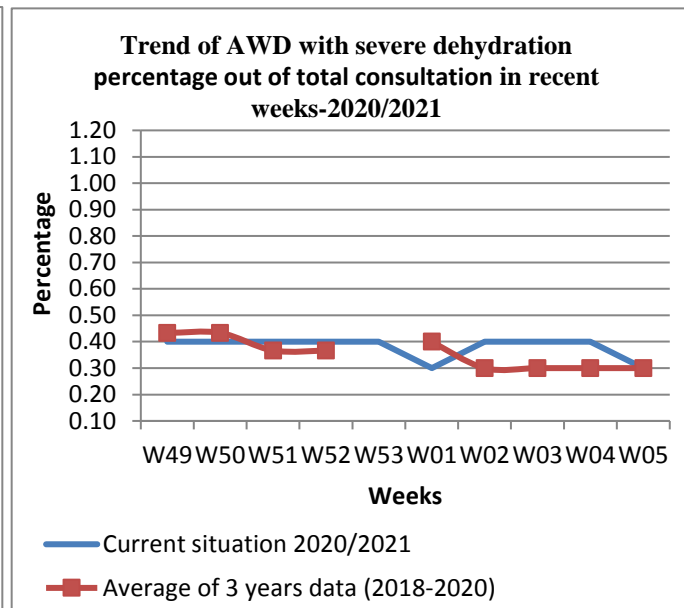
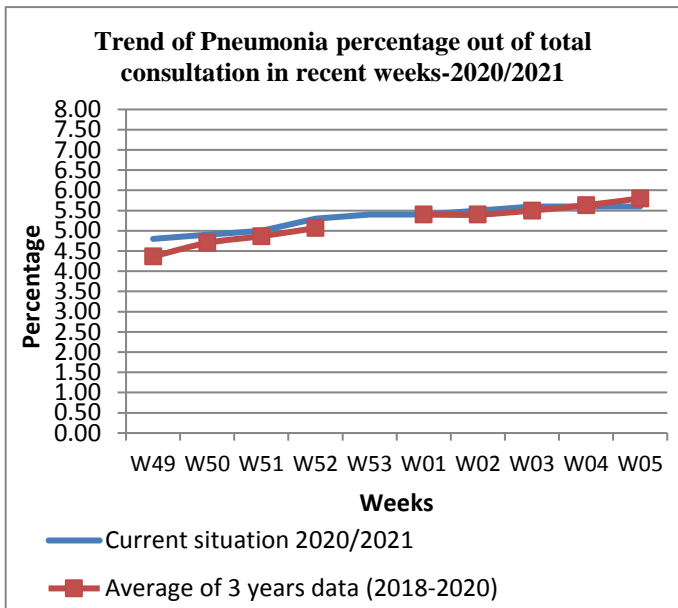


Vaccine-Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 05th 2021

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	339	74	413	1	0	1	0.2
Pertussis	1	0	1	0	0	0	0.0

Seasonal Diseases:



During week 05th total of (07) 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
28 Jan 2021	Balkh	Nare shahe	Guzare Karizi ha	9	0	9	0	28 %	NA	In this week 05 Measles outbreaks were reported from Paktika, Khost, and Balkh 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.
28 Jan 2021	Paktika	Urgon	Dara	1	4	5	0	30 %	NA	
01 Feb 2021	Khost	Alishir	Qadam	3	2	5	0	50 %	NA	
04 Feb 2021	Khost	Nadersh akot	Nadersh akot	5	5	10	0	56 %	NA	
04 Feb 2021	Paktika	Shararn a	Sara kala	3	3	6	0	36 %	NA	
Suspected Scabies Outbreak										
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take				
31 Jan 2021	Khost	Tani	Dakhi	6	0	In this week one Scabies outbreak was reported from Khost province, the outbreak was investigated, case management was done for all the cases, and health education session was conducted.				
Probable Diphtheria Outbreak										
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take				
01 Feb 2021	Faryab	Andkhoy	Aqab Gudam	2	0	In this week one Probable Diphtheria outbreak was reported from Faryab province, the outbreak was investigated, case management was done for all the cases, and health education session was conducted.				

Figure 3: Outbreaks investigated during the week 05th, 2021

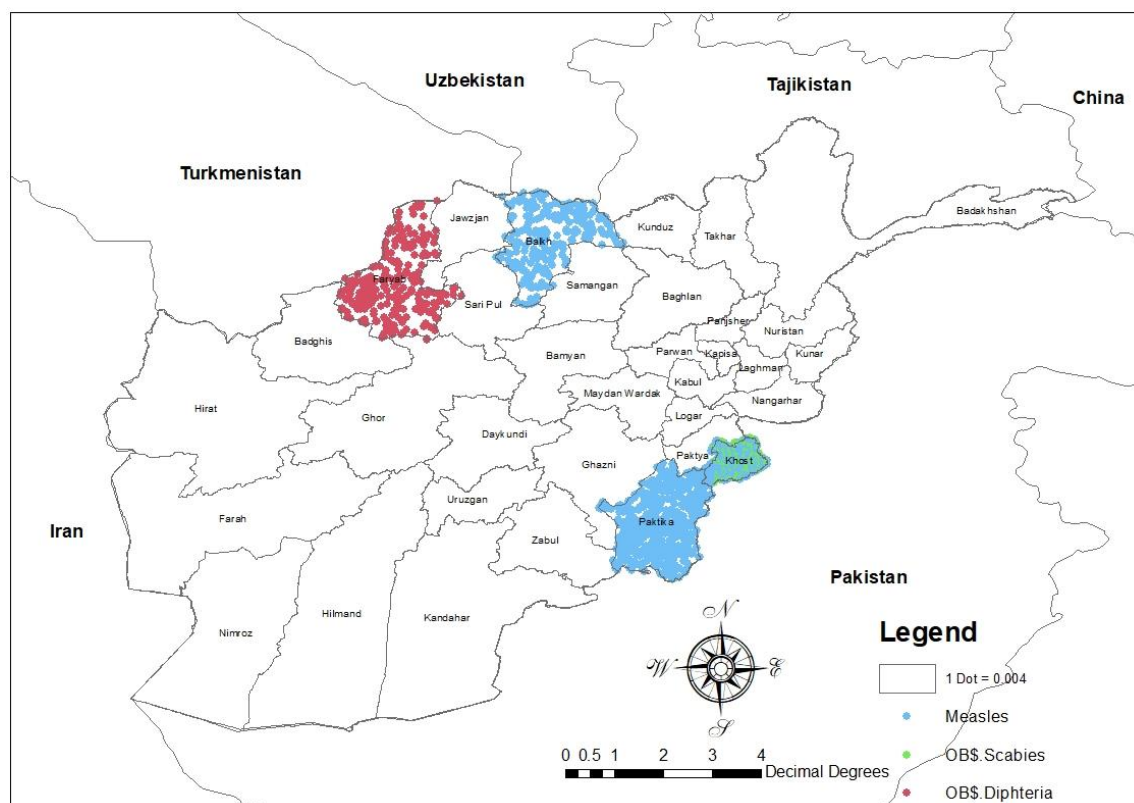


Table 2: Updates on the outbreaks reported during 2020 (27 Dec 2020 to 06 Feb 2021)

Disease/Event	No. of outbreaks	No. of Lab confirmed outbreaks	No. of cases	No. of Deaths
Measles	19	0	167	1
Diphtheria	3	0	6	1
Scabies	3	0	71	0
CCHF	2	0	2	0
Dog bites/Suspected Rabies	2	0	12	0
COVID-19	1	1	55357	2413
Chickenpox	1	0	9	0
Tick bite	1	0	9	0
Gas (CO) Poisoning	1	0	18	0
Grand Total	33	1	55651	2415

Laboratory surveillance:

A total of 12,225 specimens were collected and shipped to CPHL. Out of which 298 specimens were confirmed for COVID 19.

Influenza Surveillance activities:

In Epidemiological week 5th, 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, 275(7%) Severe Acute Respiratory Infections cases were reported and 66% of them were under 5

years old. The proportion of SARI cases were decreased as compared to week 4th 2021. Five 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 (43%), Kabul (33%) and Paktia (14%) In this Epidemiological week, our field staff sent 58 SARI and 39 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

In this week 12,225 specimens were tested for suspected COVID-19. Out of which 298 samples were confirmed for COVID 19 by rtPCR. The cases have been managed either in the isolation wards or in-home quarantine,

Out of 898 contacts of 57 positive cases which were mostly family members with an average of 16 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 346,468 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:

- 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:

- COVID-19 clinical cases reporting should be strengthened in all public and private health facilities
- EPI teams and the BPHS 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 448 suspected Measles cases, 02 probable Diphtheria cases and 01 suspected Pertussis 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.