



National Disease Surveillance  
& Response (NDSR)

## Weekly Epidemiological Report–14<sup>th</sup>

Date: 04 April to 10 April 2021

### Summary:

- Out of 513 functional Surveillance sentinel sites, 475(91.2%) have submitted reports this week.
- A total of 456,350 new consultations, 169,442 (37.1%) were due to Surveillance targeted diseases.
- The main causes of consultations this week were ARI (Cough & Cold), 105,301 cases, 23.1% out of total new consultations, Pneumonia, 20,904 cases, 4.6% out of total new consultations and Acute Diarrheal Diseases, 40,474 cases, 8.9% out of total new consultations.
- A total of 215 deaths were reported this week, of which 55 were due to Surveillance targeted diseases, which includes 45 Pneumonia deaths, 02 Measles deaths, 04 Meningitis deaths, 01 Acute Diarrheal Diseases death and 03 Pregnancy-related deaths.
- A total of 06 outbreaks reported this week; of which 03 Measles outbreaks reported from Kandahar Helmand and Jawzjan provinces and 02 CCHF cases reported from, Kandahar and Faryab provinces, 01 ARI suspected COVID-19 outbreak reported from Hirat province. Also 526 COVID-19 confirmed cases reported countrywide.

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

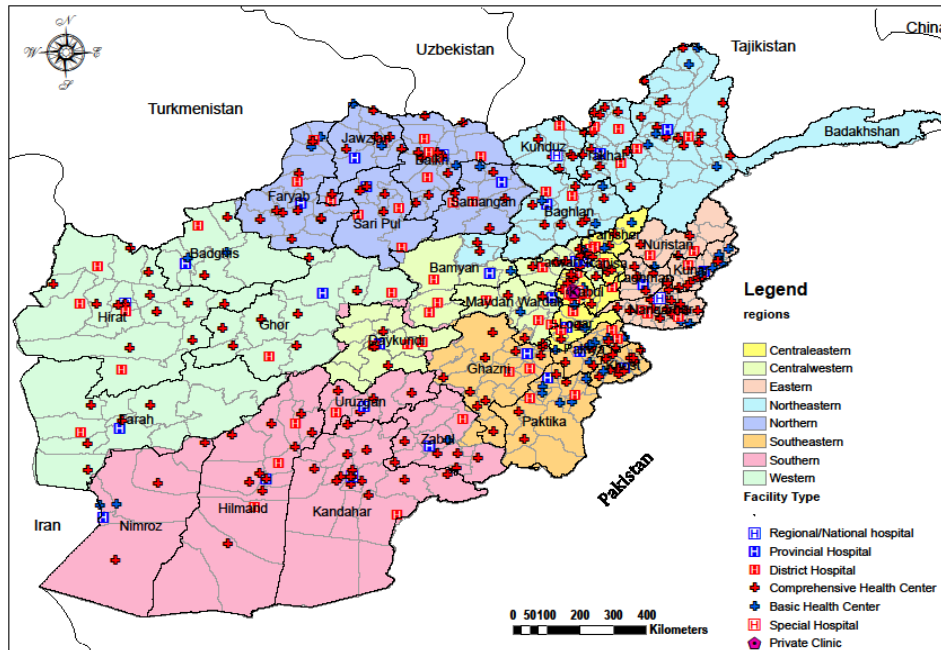


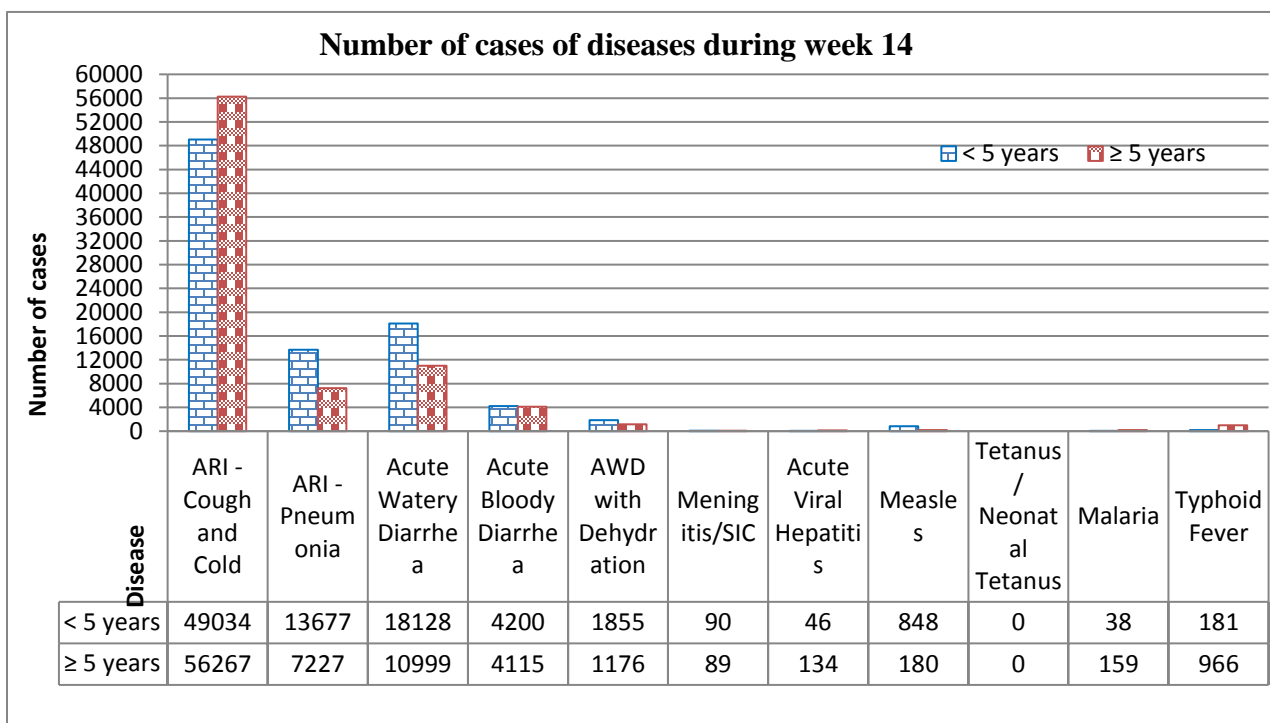
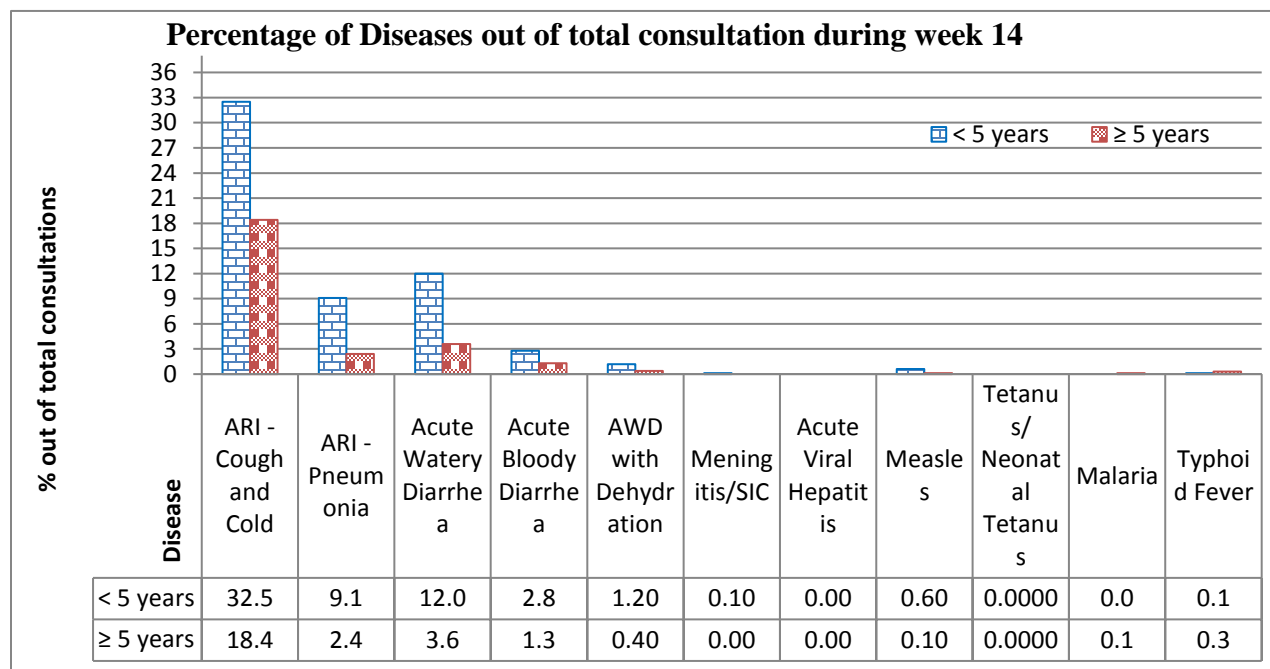
Table 1: Coverage of NDSR Surveillance System

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**

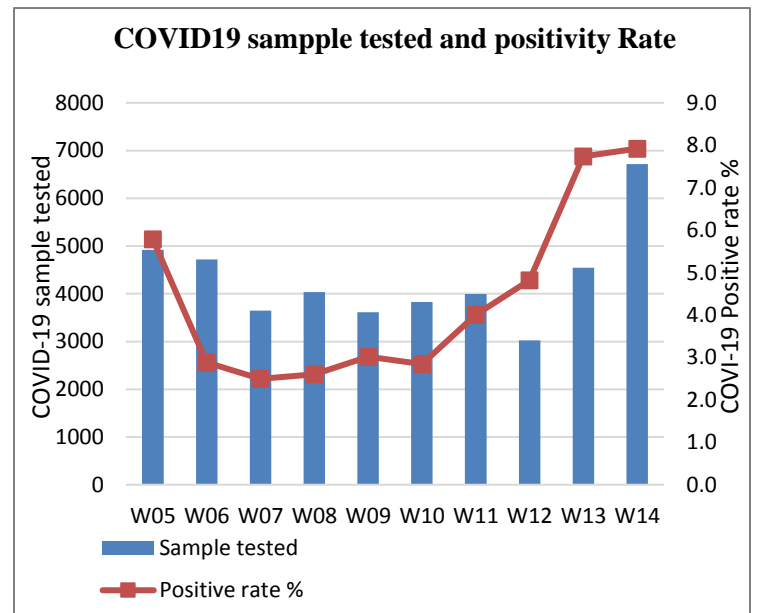
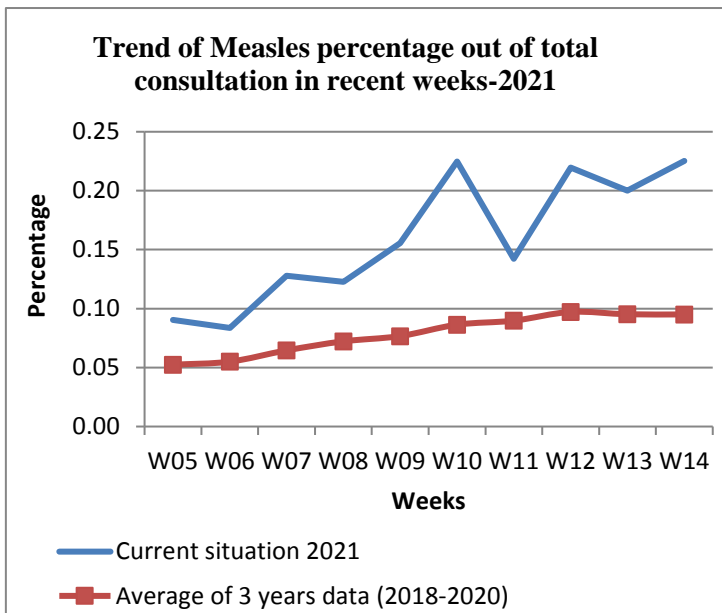
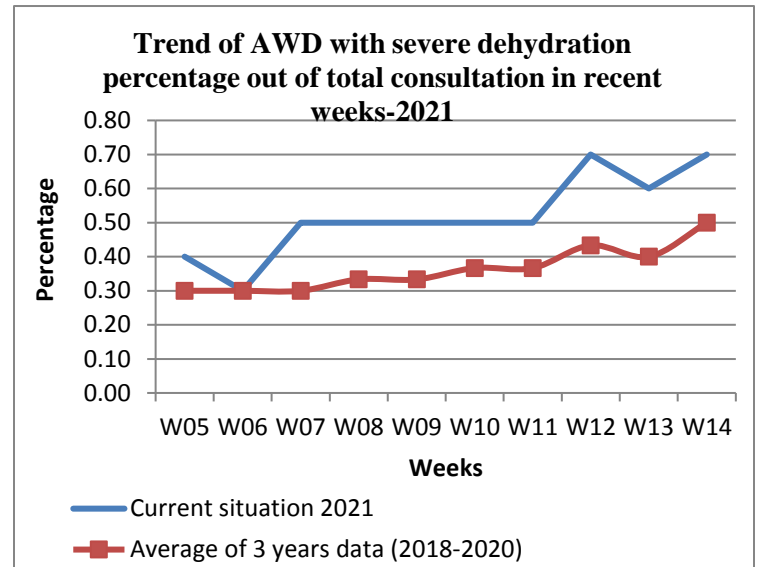
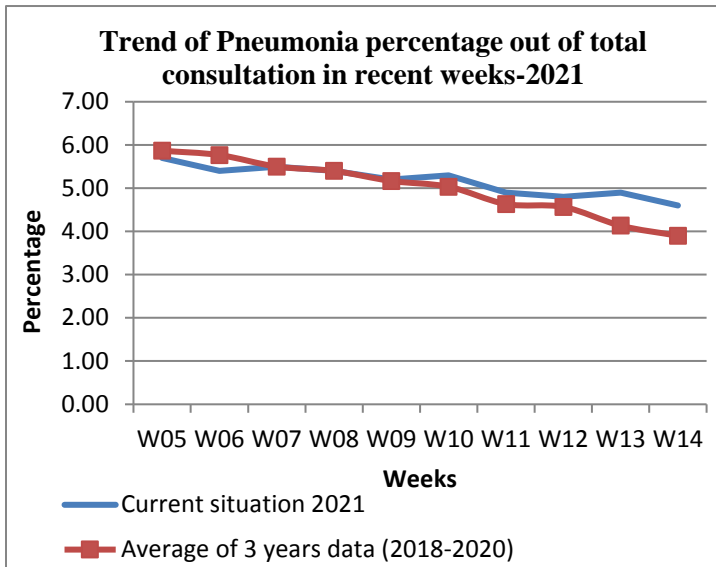


## Vaccine-Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 14<sup>th</sup> 2021

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	848	180	1028	2	0	2	0.19
Neonatal tetanus	0	1	1	0	0	0	0.00

### Seasonal Diseases:



During week 14<sup>th</sup> total of (06) outbreaks detected, investigated and responded by NDSR teams and the related stakeholders. The details are as below

### Suspected Measles Outbreaks

Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Total deaths	coverage %	Recommendation/Action take
6 April 2021	Kandahar	Dand	Anbar Gudar	6	0	6	0	50 %	In this week 03 Measles outbreaks were reported from <u>Kandahar</u> , <u>Helmand</u> , and <u>Jawzjan</u> 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.
9 April 2021	Helmand	Nahreseraj	Shorab	5	4	9	0	NA	
05 April 2021	Jawzjan	Aqcha	Yandagh Arigh	10	2	12	1	67 %	

### Suspected CCHF cases

Reported dated	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation/Action take
07 April 2021	Kandahar	District 1	Chowni	1	0	39	Shepherd	During this week 02 suspected CCHF cases were reported from <u>Kandahar</u> and <u>Faryab</u> provinces, 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
08 April 2021	Faryab	Maimana	Arabkhana	1	0	35	Other	

### ARI/suspected COVID-19

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
04 April 2021	Hirat	City	Khadijatul Kobra High school, Area 12th	11	0	In this week one ARI/suspected COVID-19 outbreak was reported from Hirat city, in Khadija tul Kobra girl high school, 11 girls from one class had the sign and symptoms of COVID-19, investigation was conducted and samples were collected from 09 girls and sent to Herat regional Lab, case management was done for all the cases, and health education session was conducted.

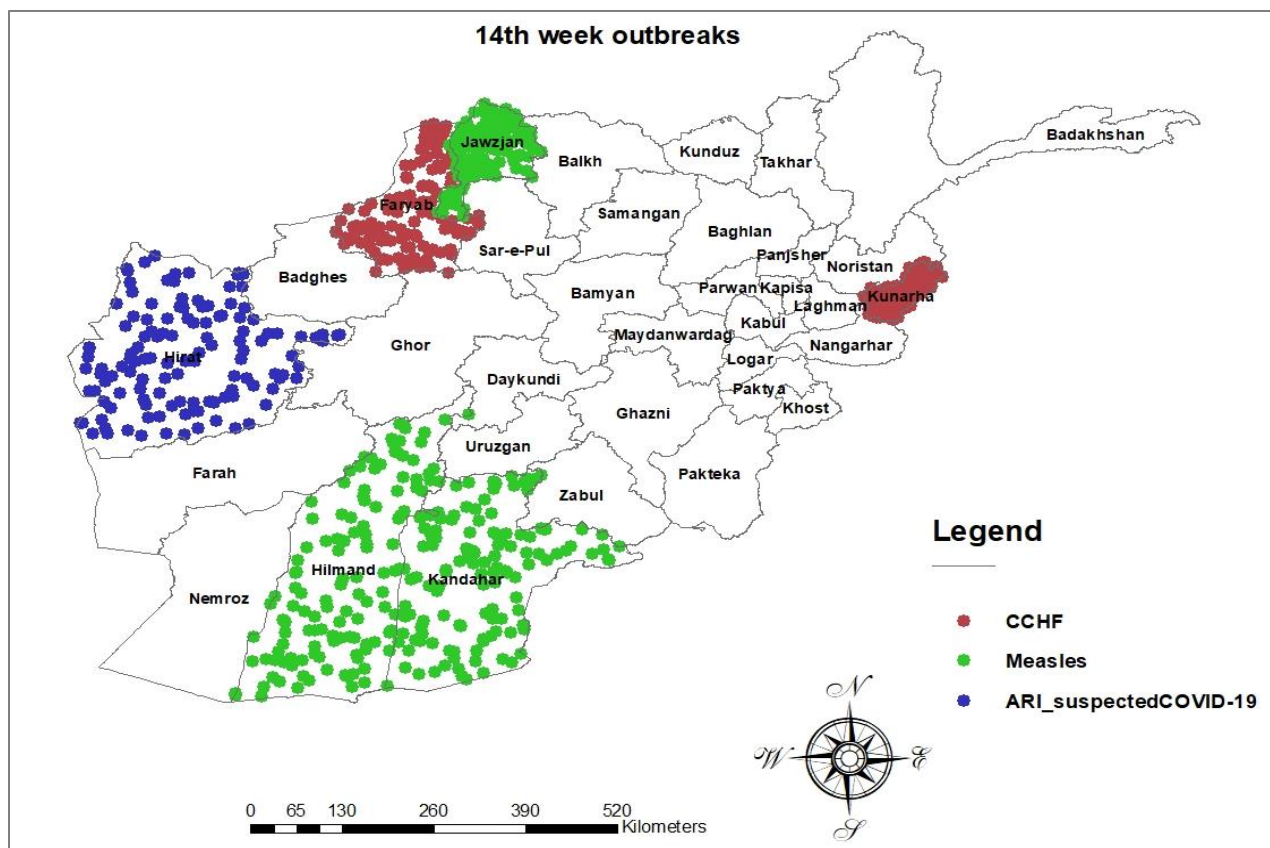


Figure 3: Outbreaks investigated during the week 14<sup>th</sup>, 2021 Table 2: Updates on the outbreaks reported during 2021 (27 Dec 2020 to 10 April 2021)

### Labo

Disease/Event	No.of outbreaks	No. of Lab_Confrm	No.of Cases	Sum of TotalDeaths
Measles	71	0	727	20
CCHF	18	5	18	0
Dog bites/Suspected Rabies	7	0	39	0
Scabies	3	0	71	0
Diphtheria	3	0	6	1
Pertussis	1	0	10	0
Tick bite	1	0	9	0
ARI	1	0	11	0
Acute Influenza	1	0	5	0
Unknown Poisoning	1	0	12	3
COVID-19	1	1	57793	2540
Gas (CO) Poisoning	1	0	18	0
Chickenpox	1	0	9	0
<b>Grand Total</b>	<b>110</b>	<b>6</b>	<b>58728</b>	<b>2564</b>

### Laboratory surveillance:

A total of 14970 specimens were collected and shipped to CPHL and regional and private labs. Out of which 526 specimens were confirmed for COVID 19 in this week

### **Influenza Surveillance activities:**

In Epidemiological week 14th 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, 216(6%) Severe Acute Respiratory Infections cases were reported and 70% of them were under 5 years old. The proportion of SARI cases were same as compared to week 13th 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 Kapisa (36%), Kabul (21%), and Paktia (8%). In this epidemiological week, our field staff send 46 SARI and 41 ILI specimens to the National Influenza Center (NIC).

### **.COVID-19 Surveillance activities:**

In this week 14970 specimens were tested for suspected COVID-19. Out of which 526 samples were confirmed for COVID 19 by rtPCR. The cases have been managed either in the isolation wards or in-home quarantine.

Out of 859 contacts of 182 positive cases which were mostly family members were traced, with an average of 5 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 315,354 passengers have been screened for COVID-19 in the point of entry of nine provinces (Balkh, Farah, Hirat, Kabul, Kandahar, Khost, Kunduz, Nangarhar, and Nimroz provinces).

Total 217 samples are confirmed for COVID-19 new variant in Kabul, Nangarhar, Paktya, Logar, Herat, Wardak, Baghlan, Balkh, Kindoz, Faryab and Ghazni provinces, samples collection process from other provinces is going on.

### **Challenges:**

- In most provinces of the country a small increase of COVID-19 cases was reported especially in east, south and central regions of the country
- Insufficient lab sample collection for COVID-19 cases, for detection of the new variant, especially from the remote areas of the country
- Measles outbreaks and sporadic cases are in the increasing trend compared to last year

### **Recommendations:**

- COVID-19 early detection, contact tracing and home quarantine of the suspected cases should be strengthened especially in east, south and central regions of the country.
- Sufficient COVID-19 lab samples should be collected from all provinces, especially from remote areas
- **EPI:** As the system detected 1055 suspected Measles cases, 03 deaths due to Measles and 01 Neonatal tetanus case, further prevention and control measures should be conducted by EPI team.
- Also, as in this week 03 suspected measles outbreaks were reported, EPI teams and the BPHS/EPHS implementer NGOs are requested to strengthen the preventive and control measures for Measles outbreaks and sporadic cases.
- The findings should be analyzed further in different levels and appropriate actions to be taken by the concerned departments.