



National Disease Surveillance  
& Response (NDSR)

## Weekly Epidemiological Report–23<sup>rd</sup>

Date: 06 to 12 June, 2021

### Summary:

- Out of 513 functional Surveillance sentinel sites, 463 (90%) have submitted reports this week.
- A total of 457,900 new consultations, 177,926 (38.9%) were due to Surveillance targeted diseases.
- The main causes of consultations this week were ARI (Cough & Cold), 89,203 cases, 19.5 % out of total new consultations, Pneumonia, 15,440 cases, 3.4 % out of total new consultations and Acute Diarrheal Diseases 69,693 cases, 15.2% out of total new consultations.
- A total of 315 deaths were reported this week, of which 62 were due to Surveillance targeted diseases, which includes 45 Pneumonia deaths, 05 Meningitis deaths, 01 Suspected Acute viral Hepatitis death, 08 Acute Diarrheal Diseases deaths, 01suspected Measles death and 02 Pregnancy related diseases deaths.
- A total of 02 suspected CCHF outbreaks reported this week; 01 suspected CCHF outbreak from Kabul with 06 clinical cases and 01 suspected CCHF outbreak from Herat province with 03 clinical cases.
- Also 10946 COVID-19 confirmed cases reported countrywide.

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

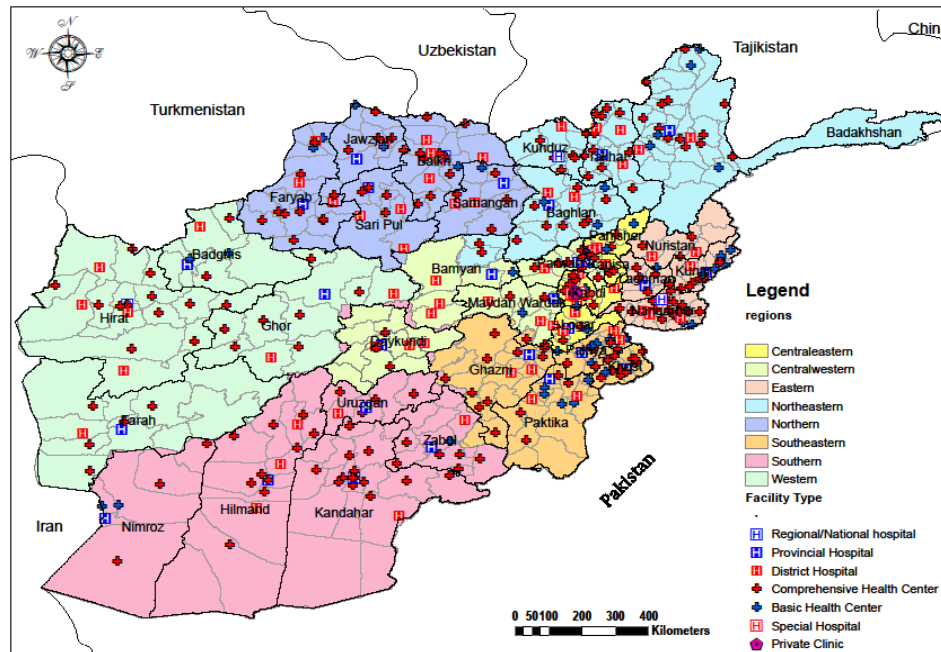
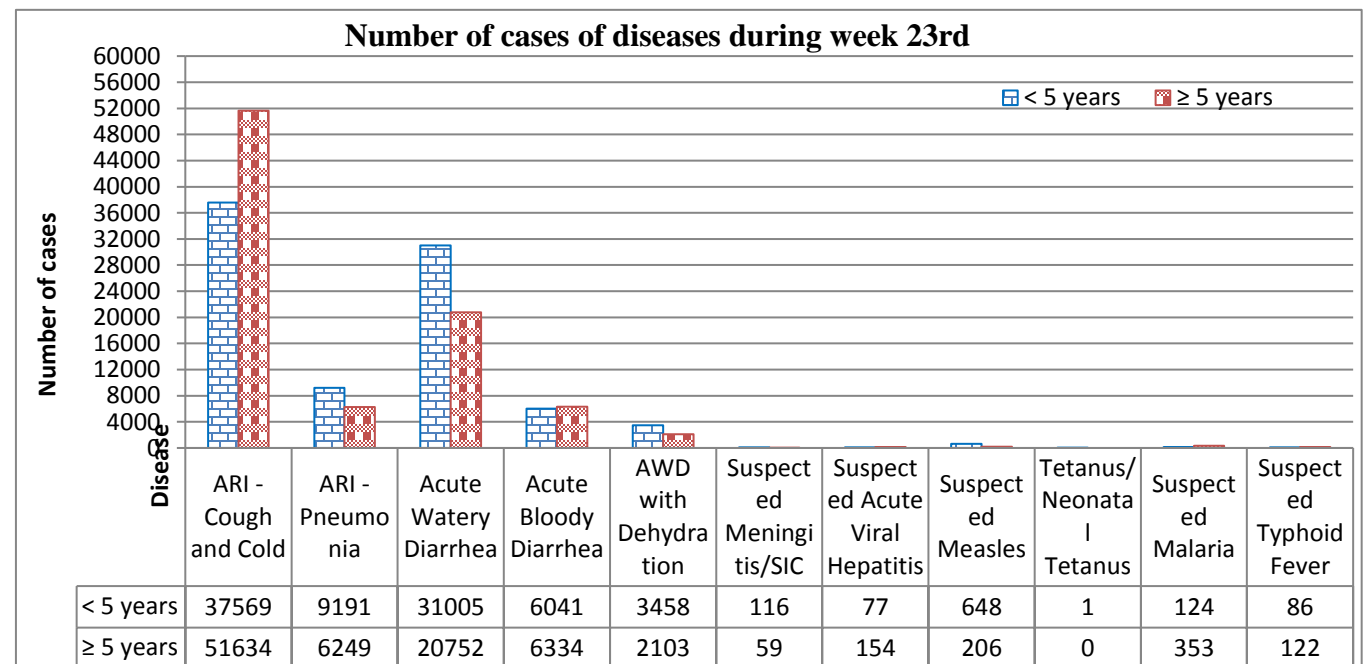
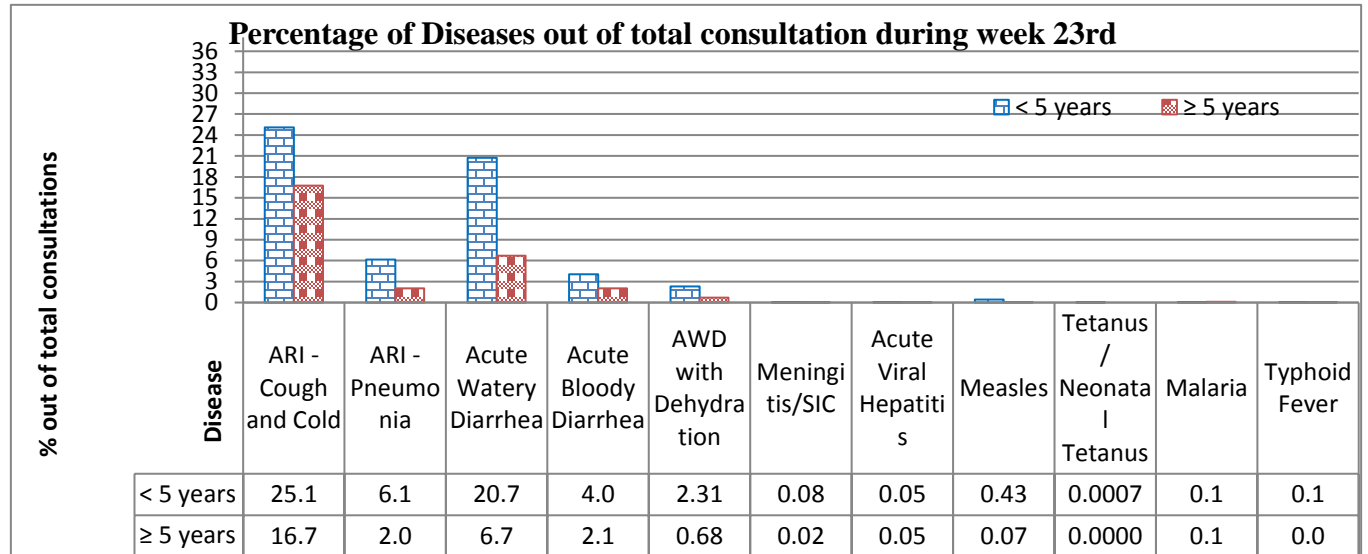


Table 1: Coverage of NDSR Surveillance System

| 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:**

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 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.

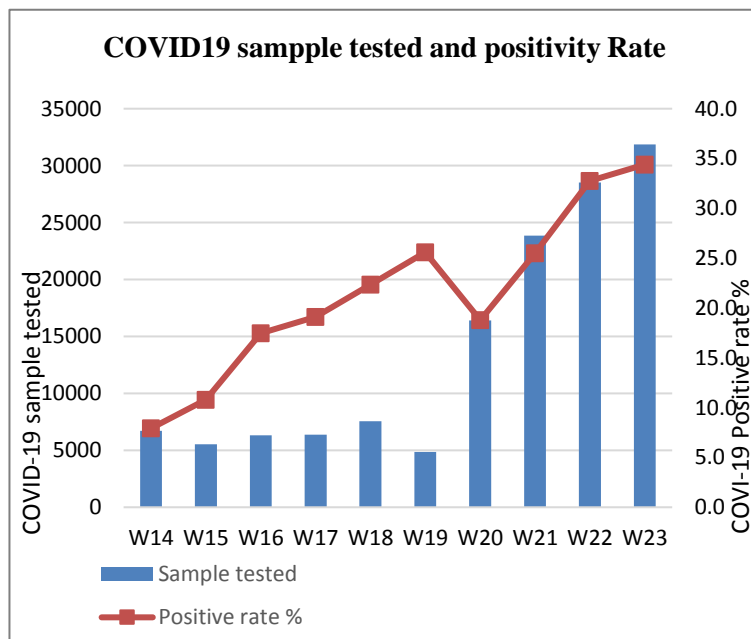
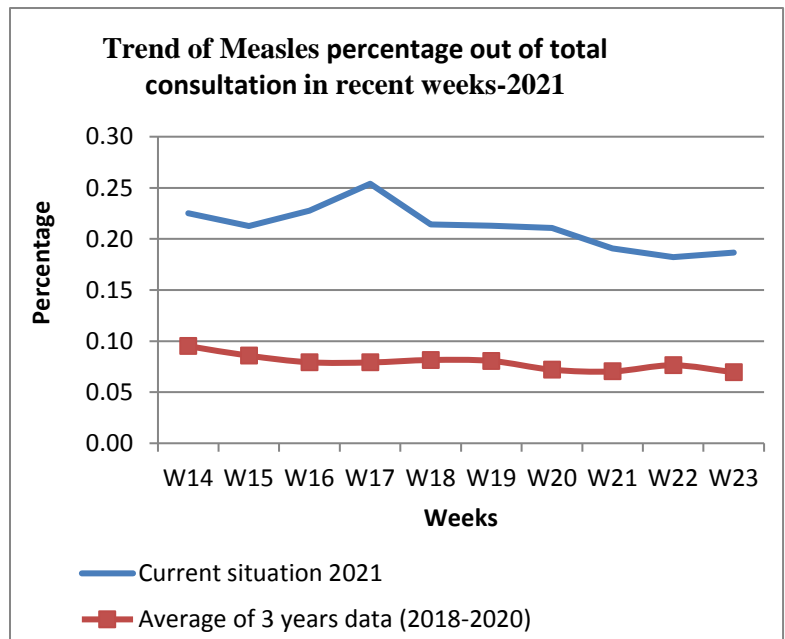
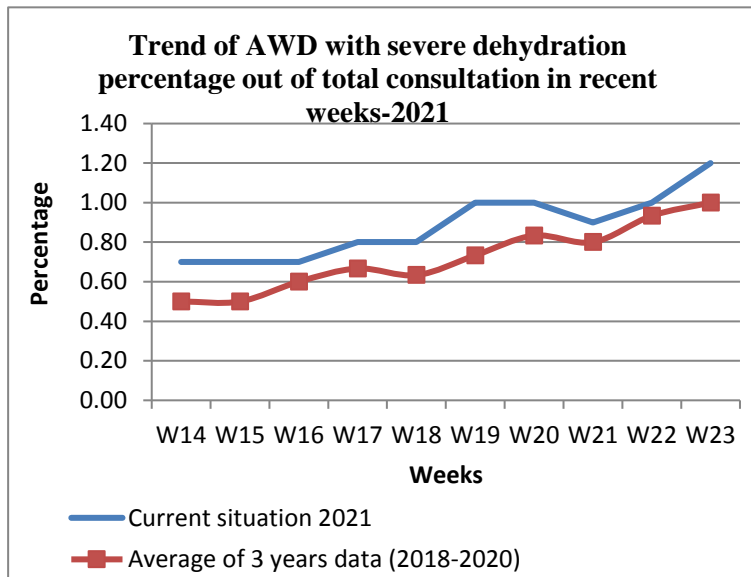
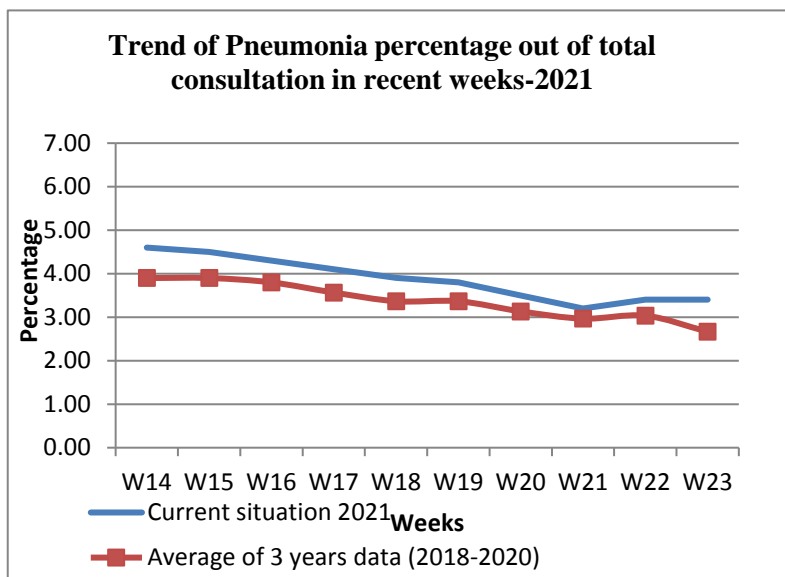


**Figure 2: NDSR targeted diseases Vaccine-Preventable Diseases (VPDs):**

**Table 2: Cases and deaths due to VPDs by age group during week 23<sup>rd</sup>**

| Diseases            | Cases    |           |       | Deaths   |           |       | CFR/100 |
|---------------------|----------|-----------|-------|----------|-----------|-------|---------|
|                     | <5 years | ≥ 5 years | Total | <5 years | ≥ 5 years | Total |         |
| Suspected Measles   | 684      | 206       | 854   | 0        | 1         | 1     | 0.11    |
| Suspected Pertussis | 2        | 2         | 4     | 0        | 0         | 0     | 0.00    |

**Seasonal Diseases:**



During week 23<sup>rd</sup> total of (02) outbreaks detected, investigated and responded by NDSR teams and the related stakeholders. The details are as below:

| Reported dated | Province | District        | Villages                         | Total cases | Total deaths | Recommendation/Action take   |
|----------------|----------|-----------------|----------------------------------|-------------|--------------|--|
| 10 June, 2021  | Herat    | Ghulran, Kuhsan | Barnabad, Doshakh and Qudus abad | 3           | 0            | During this week 06 suspected CCHF cases were reported from Kabul and 03 suspected CCHF cases were reported from Herat provinces, the cases had probable contact with animals or the tissues of the infected animal, case management was done, health education sessions were conducted and the information was shared with related departments and animal health as well, to take the control and preventive measures |
| 11 June, 2021  | Kabul    | Kabul           | Paghman, Bagرامي and Chamkali    | 6           | 0            |  |

Figure 3: Outbreaks investigated during the week 23<sup>rd</sup> 2021



**Table 2: Updates on the outbreaks reported during 2021 (27 Dec 2020 to 12 June, 2021)**

| Disease/Event              | No. of outbreaks | No. of Lab_<br>Confirm | No. of Cases | Sum of Total<br>Deaths |
|----------------------------|------------------|------------------------|--------------|------------------------|
| Measles                    | 87               | 62                     | 934          | 24                     |
| CCHF                       | 29               | 7                      | 36           | 2                      |
| Dog bites/Suspected Rabies | 10               | 0                      | 61           | 0                      |
| Scabies                    | 3                | 0                      | 71           | 0                      |
| Diphtheria                 | 3                | 0                      | 6            | 1                      |
| Pertussis                  | 2                | 0                      | 24           | 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                      | 51329        | 2004                   |
| Food poisoning             | 1                | 0                      | 26           | 0                      |
| Gas (CO) Poisoning         | 1                | 0                      | 18           | 0                      |
| <b>Total</b>               | <b>145</b>       | <b>71</b>              | <b>52685</b> | <b>2034</b>            |

**Laboratory surveillance:**

A total of **31757** specimens were collected and shipped to CPHL and regional and private labs. Out of which **10946** specimens were confirmed for COVID-19 in this week.

**Influenza Surveillance activities:**

In Epidemiological week 23<sup>rd</sup> 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, 124(4%) Severe Acute Respiratory Infections cases were reported and 65% of them were under 5 years old. The proportion of SARI cases were same as compared to week 22<sup>nd</sup> 2021. Three 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 (17%), Kabul (16%) and (Bamyan (13%). In this epidemiological week, our field staff send 26 SARI and 20 ILI specimens to the National Influenza Center (NIC).

## COVID-19 Surveillance activities:

In this week **31757** specimens were tested for suspected COVID-19. Out of which **10,946** samples were confirmed for COVID 19 by rtPCR. The cases have been managed either in the isolation wards or in-home quarantine.

Out of **26952** contacts of **7557** positive cases which were mostly family members with an average of **3.6** 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 **106,161** 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).

## Challenges:

- COVID-19 cases are in the increasing trend in most of the provinces (in general **17.1** % more cases are reported, and 03% lab samples positivity rate increased compared to last week countrywide).
- Bed occupancy rate (BPR) in the national level is 101.3%
- Inadequate lab testing capacity in the country
- Contact tracing of the positive cases is not following well especially in the (Kabul, Nangarhar, Zabul, Nooristan, Paktya, Takhar, Juzjan, Kunduz, Kandahar, Sarepul and Ghor) provinces
- Inadequate lab sample collection for COVID-19 cases from the remote areas and districts, as majority of the samples are collected from the cities, this issue unable the surveillance system to present the real situation.

## Recommendations:

- COVID-19 lab samples should be collected from all districts (all PHs, DHs and district centers should collect the lab samples).
- Due to high BOR in the national level, COVID-19 hospitals are requested to admit only severe and critical COVID-19 cases, the mild and moderate cases can be managed in homes
- Contact tracing from all suspected and lab confirmed COVID-19 cases should be strengthened and home quarantine should be recommended for all contacts up to 14 days.
- Screening process should be strengthened in the points of entry, all passengers having the travel history outside the country should be screened, lab samples should be collected from those having the signs and symptoms and home quarantine should be recommended up to sharing the lab result.
- Lab testing capacity need to be increased and expanded to all the provinces
- **EPI:** As the system detected 854 suspected Measles cases, 01 death due to Measles and 04 suspected pertussis 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.