



National Disease Surveillance  
& Response (NDSR)

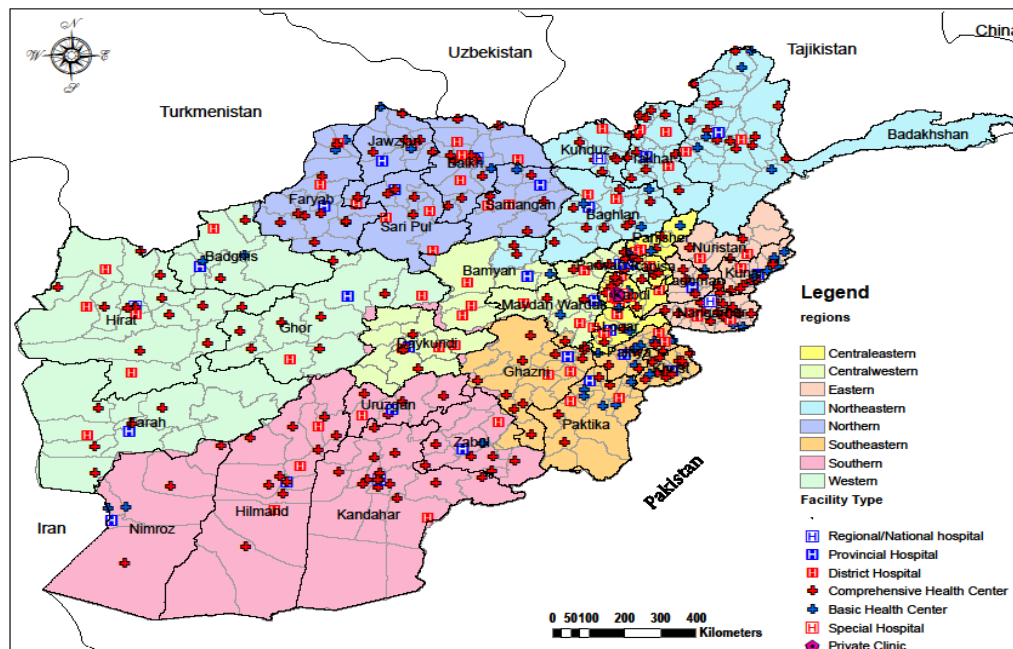
## Weekly Epidemiological Report–27<sup>th</sup>

Date: 04 to 10 July, 2021

### Summary:

- Out of 513 functional Surveillance sentinel sites, 470 (91.6%) have submitted reports this week.
- A total of 44, 6272 new consultations, 16, 4217 (36.8%) were due to Surveillance targeted diseases.
- The main causes of consultations this week were ARI (Cough & Cold), 78,775 cases, (17.7%) out of total new consultations, Acute Diarrheal Diseases 62,592 cases (15.6%) out of total new consultations and ARI-Pneumonia, 12,869 cases (2.9%) out of total new consultations.
- A total of 312 deaths were reported this week, of which 69 were due to Surveillance targeted diseases, which includes 45 Pneumonia deaths, 13 Acute Diarrheal Diseases deaths, 05 Meningitis deaths, 03 suspected Measles deaths, 01 Pregnancy related death, 01 suspected hemorrhagic fever death and 01 Acute suspected viral Hepatitis death.
- During this week 15 clinical cases of black fungus /Mucormycosis and 07 deaths due to the said disease were reported from Kabul, Balkh, Jozjan, Samangan, Farah, Bamyan and Wardak provinces.
- Also, in this week, 01 suspected CCHF case was reported from Herat province, and 8700 COVID-19 confirmed cases and 508 deaths reported countrywide.

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



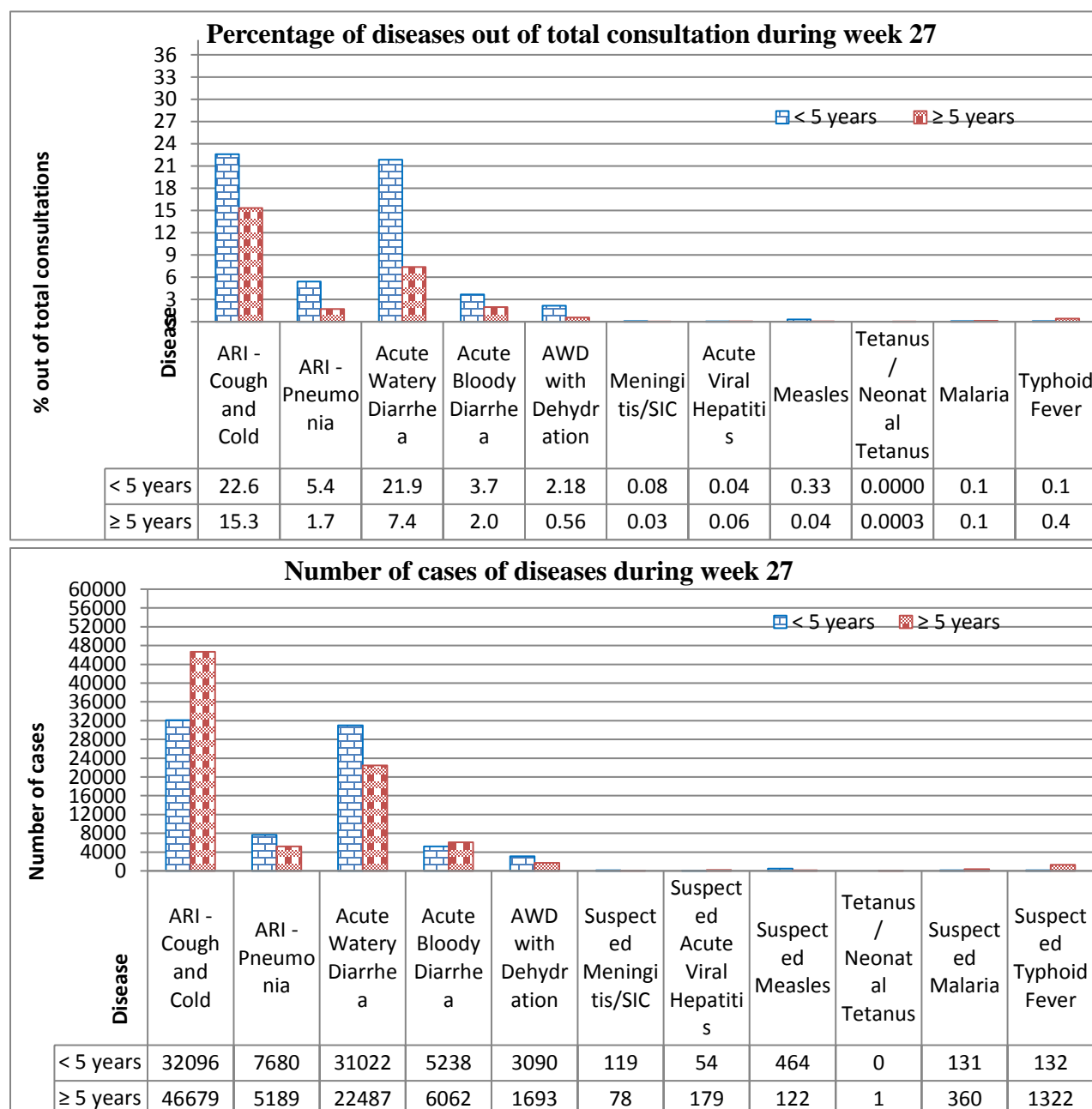
**Table 1: Coverage of NDSR Surveillance System**

| 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.

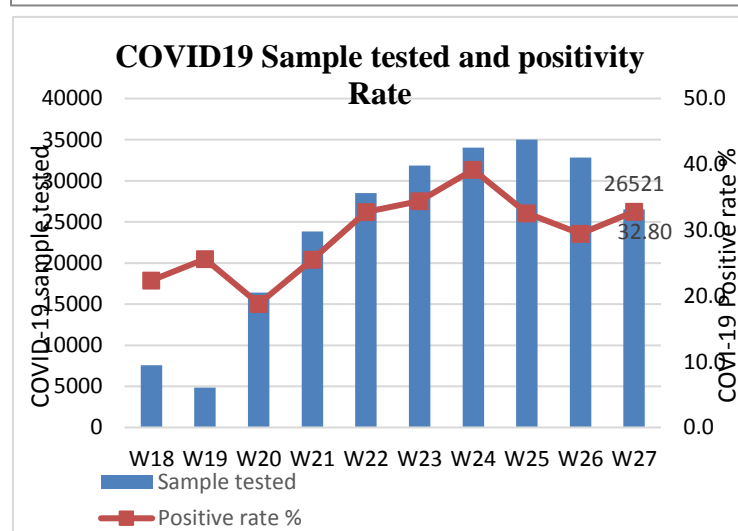
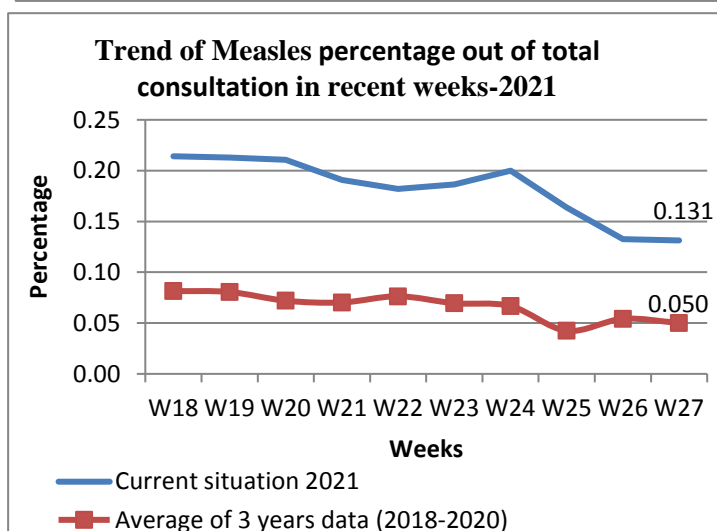
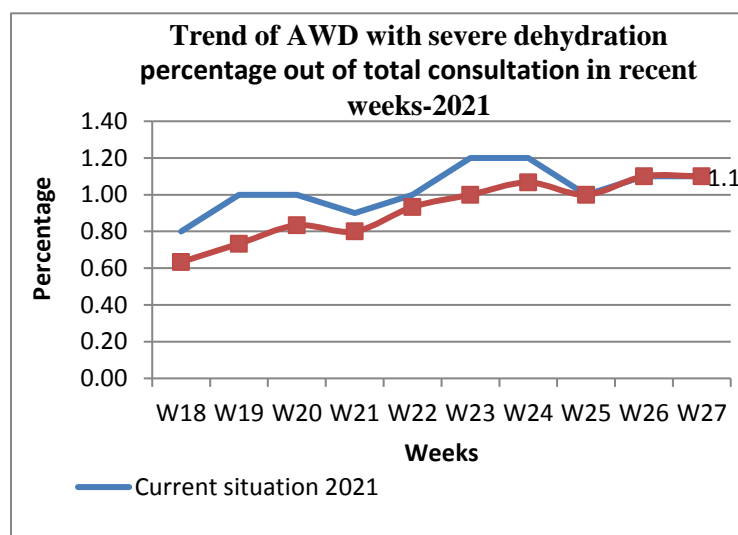
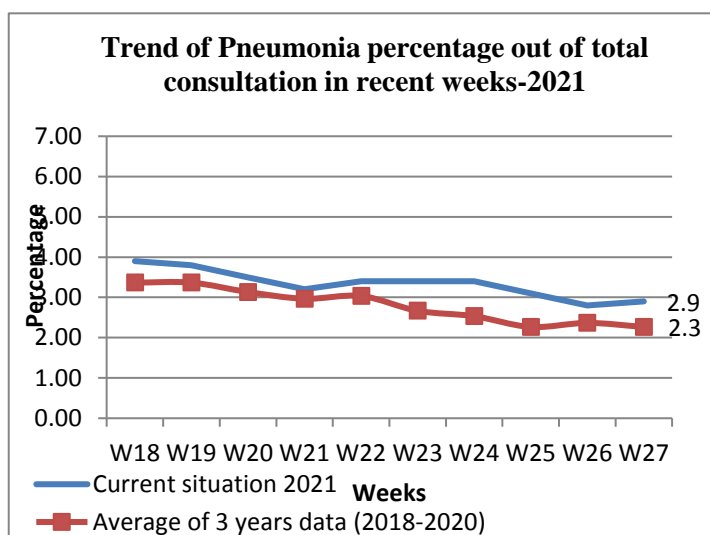
**Figure 2: NDSR targeted diseases, Vaccine-Preventable Diseases (VPDs):**



**Table 2: Cases and deaths due to VPDs by age group during week 27<sup>th</sup>, 2021**

| Diseases          | Cases    |           |       | Deaths   |           |       | CFR/100 |
|-------------------|----------|-----------|-------|----------|-----------|-------|---------|
|                   | <5 years | ≥ 5 years | Total | <5 years | ≥ 5 years | Total |         |
| Suspected Measles | 464      | 122       | 586   | 03       | 0         | 0     | 0.5     |

**Seasonal Diseases:**

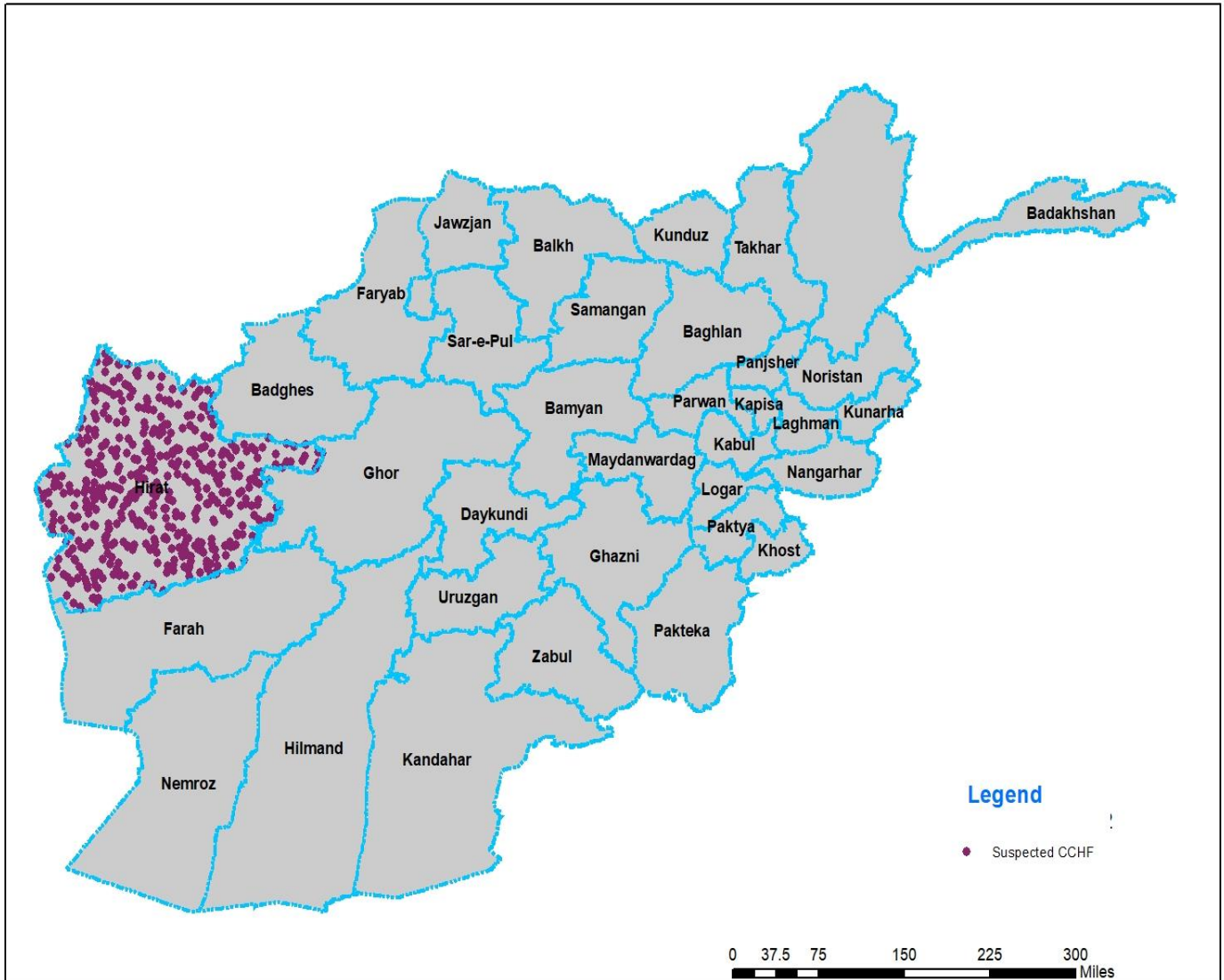


During week 27<sup>th</sup>, 01 cases of suspected CCHF detected, investigated and responded by NDSR team and the related stakeholders. The details are as below:

| Suspected CCHF Case |          |          |         |             |              |     |            |                            |
|---------------------|----------|----------|---------|-------------|--------------|-----|------------|----------------------------|
| Reported dated      | Province | District | Village | Total cases | Total deaths | Age | Occupation | Recommendation/Action take |
|                     |          |          |         |             |              |     |            |                            |

|            |       |         |           |    |   |      |         |   |
|------------|-------|---------|-----------|----|---|------|---------|---|
| 06/07/2021 | Herat | Area 14 | Shalbafan | 01 | 0 | 32 Y | Jobless | During this week 01 suspected CCHF case was reported from Herat province, case management was done, and health education sessions was conducted for all the cases |
|------------|-------|---------|-----------|----|---|------|---------|---|

**Figure 3: Outbreaks investigated during the week 27<sup>th</sup> 2021**



**Table 2: Updates on the outbreaks reported during 2021 (27 Dec 2020 to 10 July, 2021)**

| Disease/Event              | No. of outbreaks | No. of Lab_Confirm | No. of Cases | Sum of Total Deaths |
|----------------------------|------------------|--------------------|--------------|---------------------|
| Measles                    | 88               | 62                 | 942          | 30                  |
| CCHF                       | 32               | 7                  | 39           | 2                   |
| Dog bites/Suspected Rabies | 10               | 0                  | 61           | 0                   |
| Scabies                    | 3                | 0                  | 71           | 0                   |

|                           |            |           |              |             |
|---------------------------|------------|-----------|--------------|-------------|
| Diphtheria                | 3          | 0         | 6            | 1           |
| Pertussis                 | 3          | 0         | 35           | 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         | 88,212       | 3,928       |
| Food poisoning            | 2          | 0         | 42           | 0           |
| Gas (CO) Poisoning        | 1          | 0         | 34           | 0           |
| <b>Total</b>              | <b>150</b> | <b>71</b> | <b>89622</b> | <b>3964</b> |

### Laboratory surveillance:

A total of **26,521** specimens were collected and shipped to CPHL and regional and private labs. Out of which **8,700** specimens were confirmed for COVID-19 in this week.

### Influenza Surveillance activities:

In Epidemiological week 27<sup>th</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 admissions, 123(4%) Severe Acute Respiratory Infections cases were reported and 63% were under 5 years old. The proportion of SARI cases were same as compared to week 26<sup>th</sup> 2021. Five SARI associated deaths were reported this week. At the nine provincial level, the top sentinel sites with the highest proportion of SARI cases were Kabul (16%), Kapisa and Bamyan (15%) and Baghlan (11%). In this epidemiological week, our field staff shipped 28 SARI and 23 ILI specimens to the National Influenza Center (NIC).

### COVID-19 Surveillance activities:

In this week **26521** specimens were tested for suspected COVID-19. Out of which **8,700** samples were confirmed for COVID 19 by rtPCR. The cases have been managed either in the isolation wards or in-home quarantine.

- COVID-19 cases are decreased in most of the provinces compared to last week (in general 18% less cases were reported, and 03% lab samples positivity rate increased as compared to last week countrywide).
- Bed occupancy rate (BOR) in the national level is 89%, which decreased 07% compared to previous week.

Out of 19774 contacts of 6902 positive cases which were mostly family members with an average of 3 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 **80493** passengers have been screened for COVID-19 in the point of entry of nine provinces (Balkh, Farah, Hirat, Kabul, Kandahar, Khost, Nangarhar and Nimroz provinces).

## Challenges:

- Shortage of lab consumable for COVID-19 testing in majority of the provinces
- Inadequate lab testing capacity in the country
- Inadequate lab sample collection for COVID-19 cases from the remote areas and districts, as majority of the lab samples are collected from the cities,
- Contact tracing of the positive cases is not following well especially in the (Urozgan, Panjshir, Nooristan, Jawzjan, Bamyan, Badakhshan and Ghor) provinces.

## Recommendations:

- BOR in the 15 provinces (Dykundi, Khust, Bamyan, Helmand, Ghazni, Faryab, Badghis, Paktya, Wardak, Paktika, Nangarhar, Hirat, Kunar, Jawzjan and Zabul) are higher than 100, the GCMU colleagues are requested to increase the number of the beds based on the surveillance data, also the 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 of COVID-19 cases should be strengthened and home quarantine should be recommended for all contacts up to 14 days.
- COVID-19 lab samples should be collected from all districts (all PHs, DHs and district centers should collect the lab samples).
- 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 586 suspected Measles cases, 03 deaths due to Measles, 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.