



National Disease Surveillance  
& Response (NDSR)

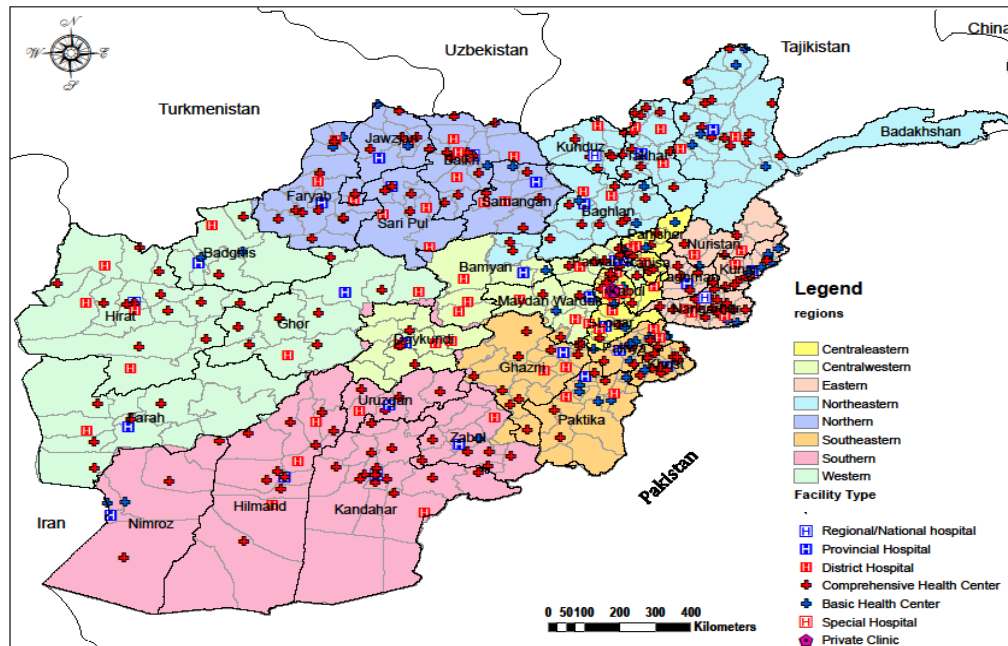
NDSR Weekly Epidemiological Report–32<sup>nd</sup>

Date: 08 to 14 August, 2021

### Summary:

- Out of 513 functional Surveillance sentinel sites, 395 (77%) have submitted reports this week.
- A total of 357,763 new consultations, 145,601 (44.2%) were due to Surveillance targeted diseases.
- The main causes of consultations this week were ARI (Cough & Cold), 65,607 cases, (18.3%) out of total new consultations, Acute Diarrheal Diseases 58,380 cases (15.8%) out of total new consultations and Pneumonia, 9124 cases (2.6%) out of total new consultations.
- A total of 247 deaths were reported this week, of which 106 were due to Surveillance targeted diseases, which includes 90, COVID-19 deaths, 12 Pneumonia deaths, 01 Acute Diarrheal Diseases death, 01 suspected Measles death, 01 pregnancy related death and 01 probable Diphtheria death.
- A total of 183 Measles cases with (01 death) were reported in this week.
- Also, in this week, 1367 COVID-19 confirmed cases all over the country, and 02 suspected CCHF cases were reported from Herat province.

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

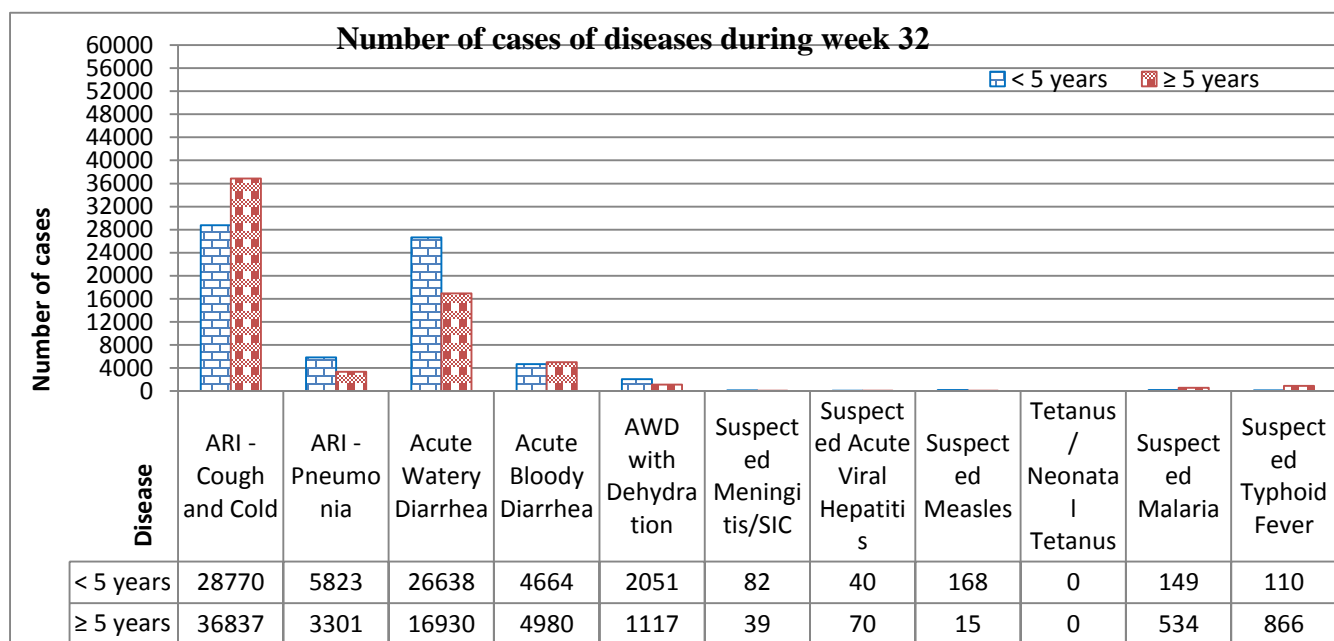
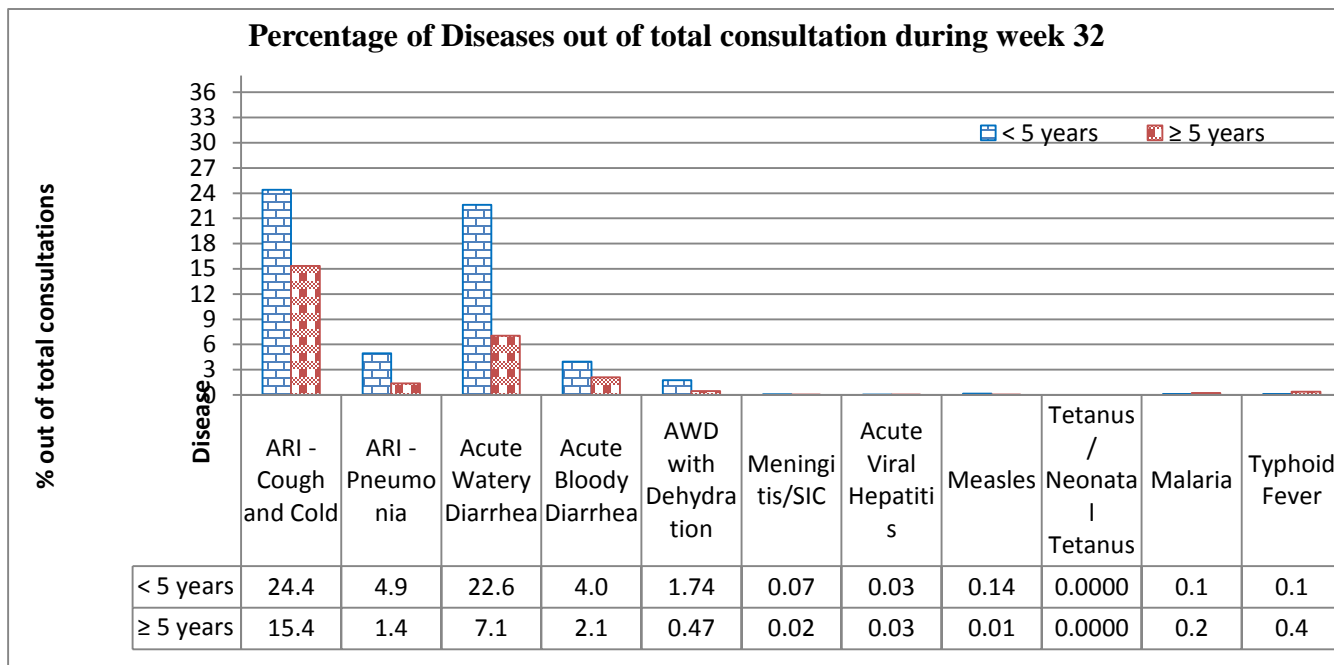


**Table 1: Coverage of NDSR Surveillance System**

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 (IBS):**

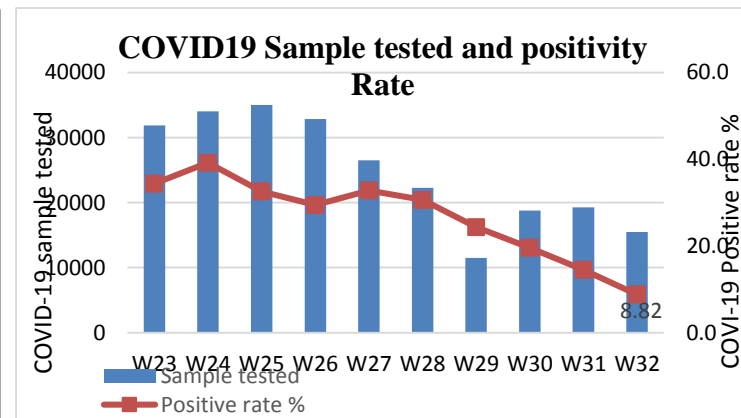
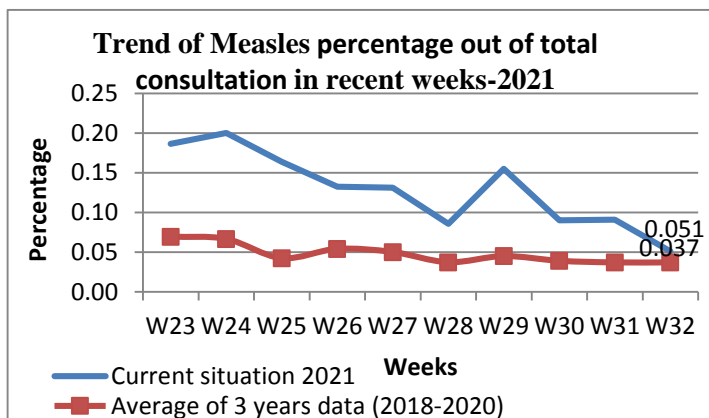
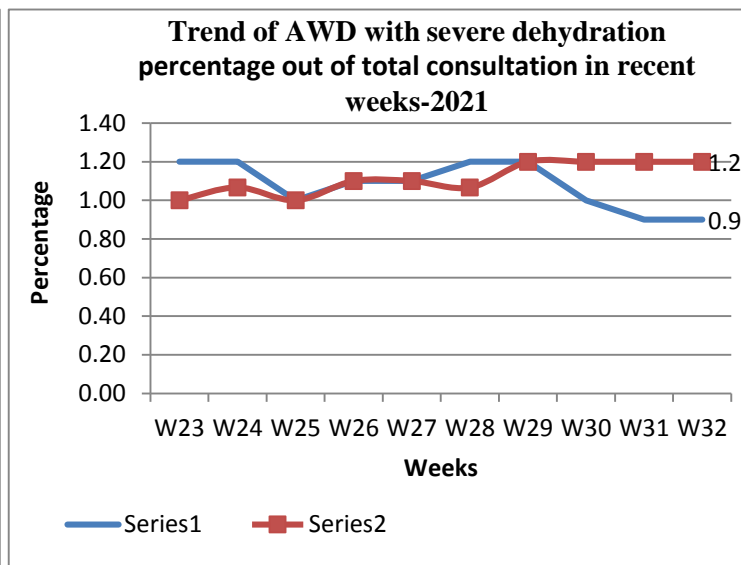
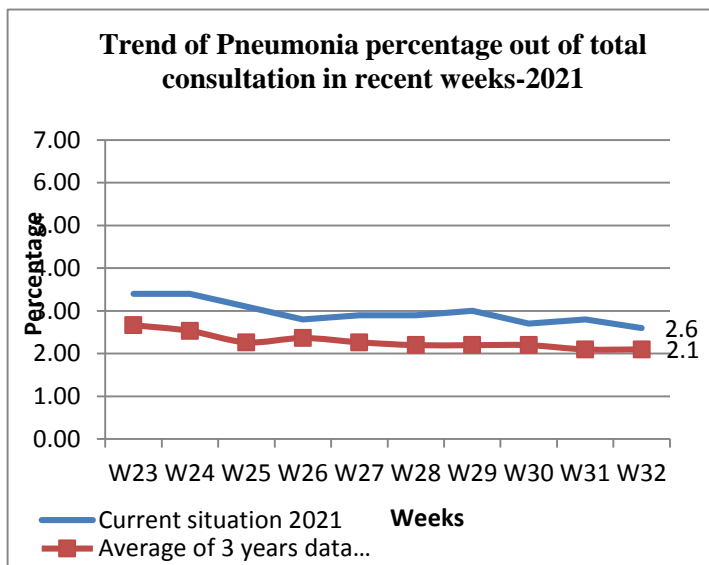
The Indicator-based surveillance component of NDSR report 17 priority conditions/infectious diseases from sentinel sites on weekly bases. The data is compared with previous weeks and the corresponding weeks of previous years and the alert and epidemic threshold is checked to see if disease incidence has crossed these levels and necessary action is initiated.



**Table 2: Cases and deaths due to VPDs by age group during week 32<sup>nd</sup>, 2021**

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	168	15	183	0	1	1	0.55

**Seasonal Diseases:**

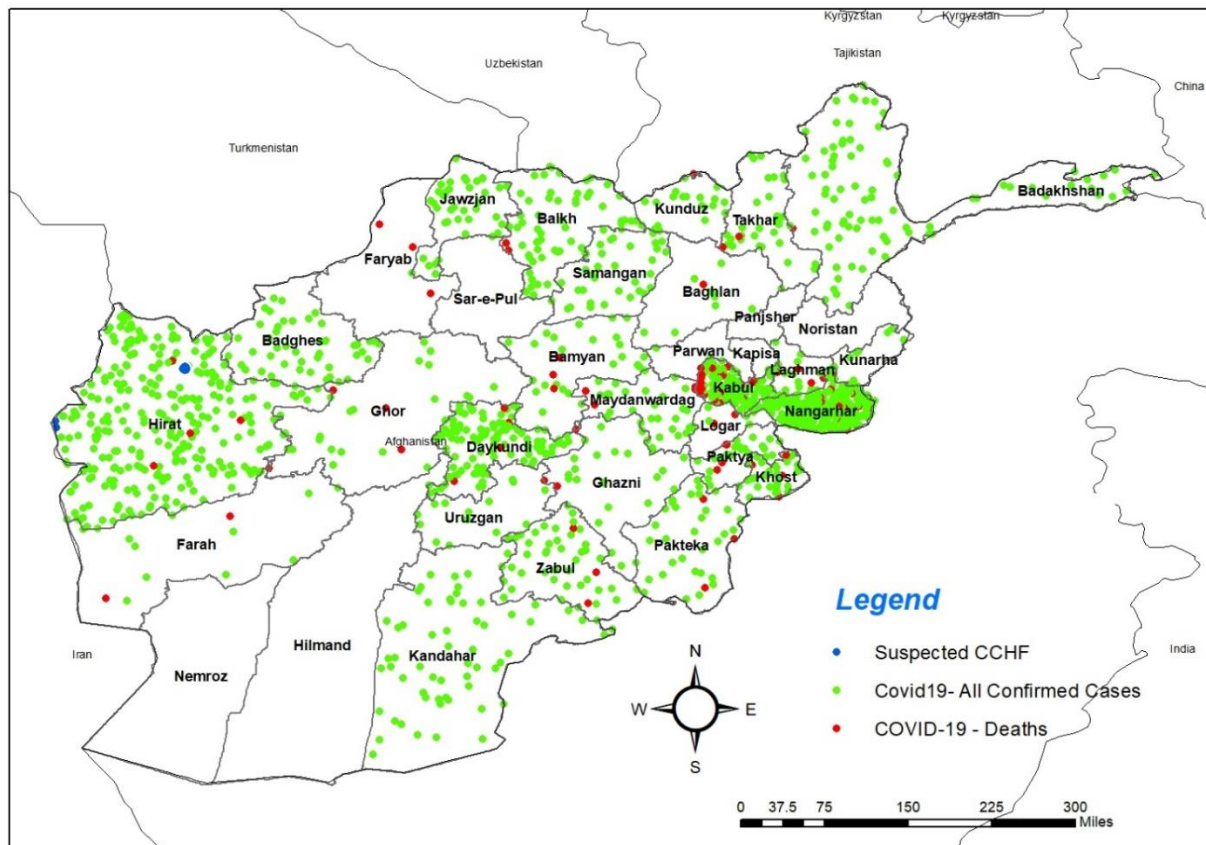


During week 32<sup>nd</sup>, 02 case of suspected CCHF were detected, investigated and responded by NDSR team and the related stakeholders. The details are as below:

Suspected CCHF cases								
Reported dated	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation/Action take
13/08/2021	Herat	City	Area 6 <sup>th</sup>	01	0	51 Y	Butcher	During this week 02 suspected CCHF cases were reported from Herat province, case management and health educations were

13/08/2021	Herat	City	Area 9 <sup>th</sup>	01	0	24 Y	Other	conducted. Also this issue was shared with Zoonotic committee for necessary action in the affected area.
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**Figure 3: Cases of COVID-19 and CCHF during the week 32<sup>nd</sup> 2021**



**Table 3: Updates on the outbreaks reported during 2021 (27 Dec 2020 to 14 August 2021)**

Disease/Event	No. of outbreaks	No. of Lab_ Confirmed	No. of Cases	Sum of Total Deaths
Measles	88	62	942	30
CCHF	46	7	53	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	100,133	4856
Food poisoning	2	0	42	0
Gas (CO) Poisoning	1	0	34	0
<b>Total</b>	164	71	101,557	4892

### Laboratory surveillance:

A total of **15,502** specimens were collected and shipped to CPHL, the regional and private labs. Out of which **1,367** specimens were confirmed for COVID-19 in this week.

### Influenza Surveillance activities:

In Epidemiological week 32<sup>nd</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, 89 (04%) Severe Acute Respiratory Infections cases were reported and 56% were under 5 years old. The proportion of SARI cases were decreased as compared to week 31<sup>st</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 Kabul, Kapisa (15% per each province), and Bamyan (14%). In this epidemiological week, our field staff shipped 18 SARI and 12 ILI specimens to the National Influenza Center (NIC).

### COVID-19 Surveillance activities:

In this week **15,502** specimens were tested for suspected COVID-19. Out of which **1,367** 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 were decreased in most of the provinces compared to last week (in general 51 % less cases were reported, and 5.7 % lab samples positivity rate decreased as compared to last week countrywide).
- Bed occupancy rate (BOR) at the national level is 45.3%, which decreased 7.9% compared to previous week.

Out of **4,731** contacts of **1,119** positive cases which were mostly family members with an average of 04 Contacts per one 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 **32,143** passengers have been screened for COVID-19 in the point of entry of five provinces (Balkh, Herat, Kabul, Nangarhar and Khost, 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 in Daikundy, Ghor and Herat provinces.

### **Recommendations:**

- Regular supply of COVID-19 lab testing kits and consumables are needed and lab testing capacity need to be increased and expanded to all the provinces.
- COVID-19 lab samples should be collected from all districts (all PHs, DHs and district centers should collect the lab samples).
- 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.
- **EPI:** As the system detected 183 suspected Measles cases and 01 death due to Measles, further prevention and control measures should be conducted by the EPI team.
- The findings should be analyzed further in different levels and appropriate actions to be taken by the concerned departments.