



National Disease Surveillance  
& Response (NDSR)

## Weekly Epidemiological Report–30<sup>th</sup>

Date: 19 to 25 July 2020

### Summary:

- Out of 513 functional Surveillance sentinel sites, 428(83.4%) have submitted reports this week.
- A total of 395,781 new consultations, 143,901 (36.4%) were due to Surveillance targeted diseases.
- The main causes of consultations this week were ARI (Cough & Cold), 66,067 cases, 16.7% out of total new consultations and Pneumonia, 9,703 cases, 2.5% out of total new consultations, Acute Diarrheal Diseases, 65,687 cases, 16.6% out of total new consultations.
- A total of 206 deaths were reported this week, of which 38 were due to Surveillance targeted diseases, which includes 23 Pneumonia deaths, 05 Meningitis deaths, 04 Acute Diarrheal Disease deaths, 04 Pregnancy related deaths, one Hemorrhagic fever death and one Acute Viral Hepatitis death.
- 05 CCHF outbreaks reported from Kabul, Balkh and Logar provinces and 694 COVID-19 confirmed cases reported from different provinces.

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

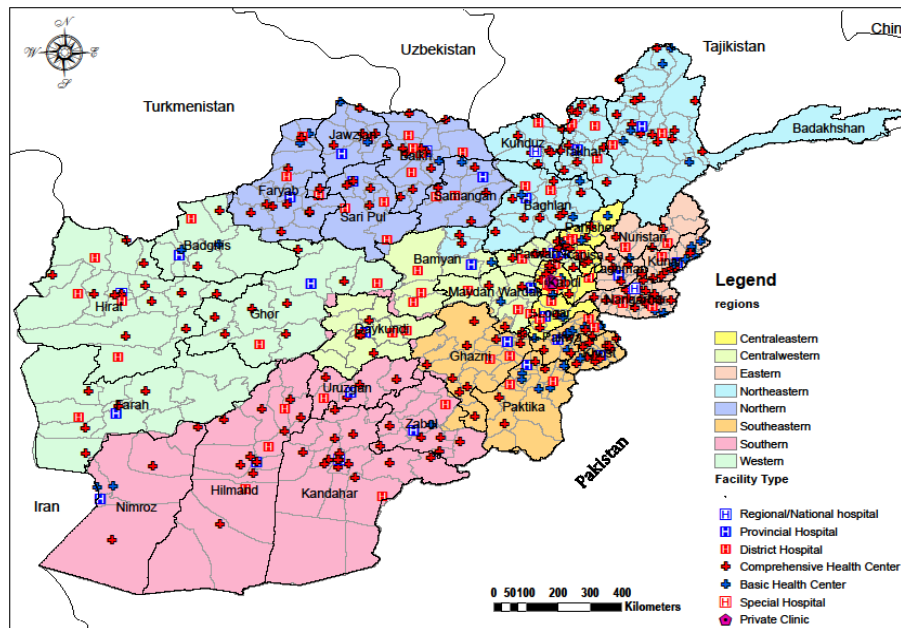


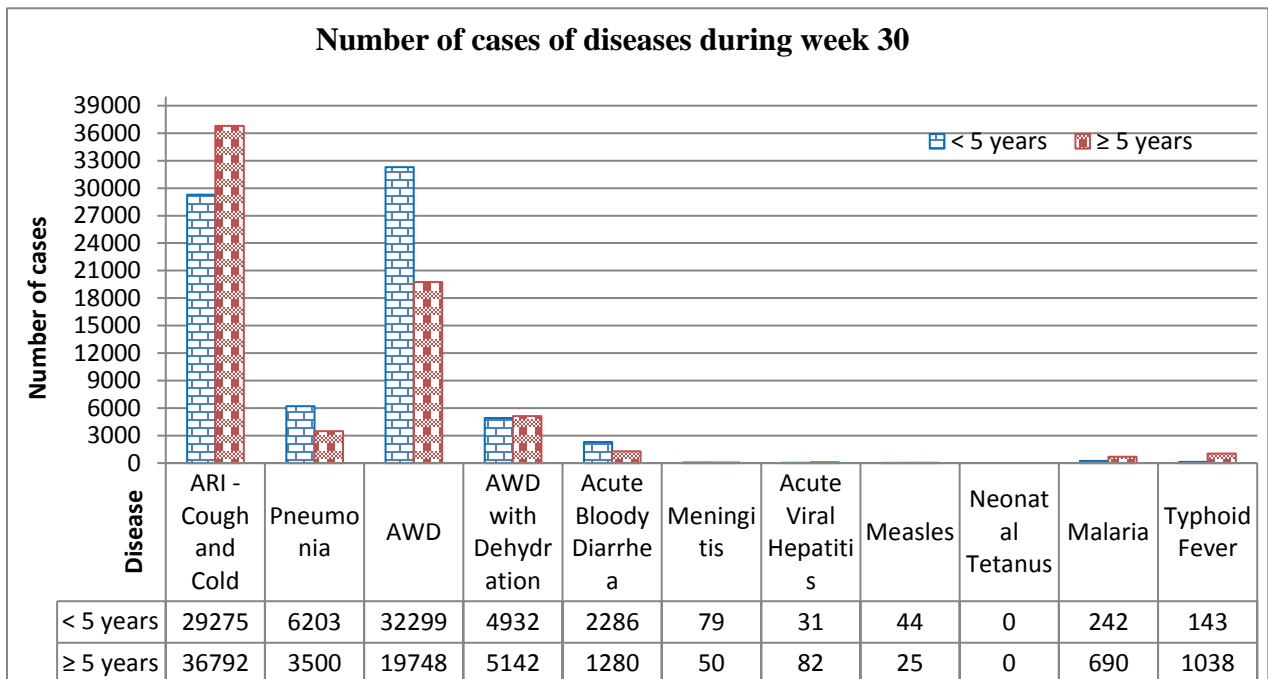
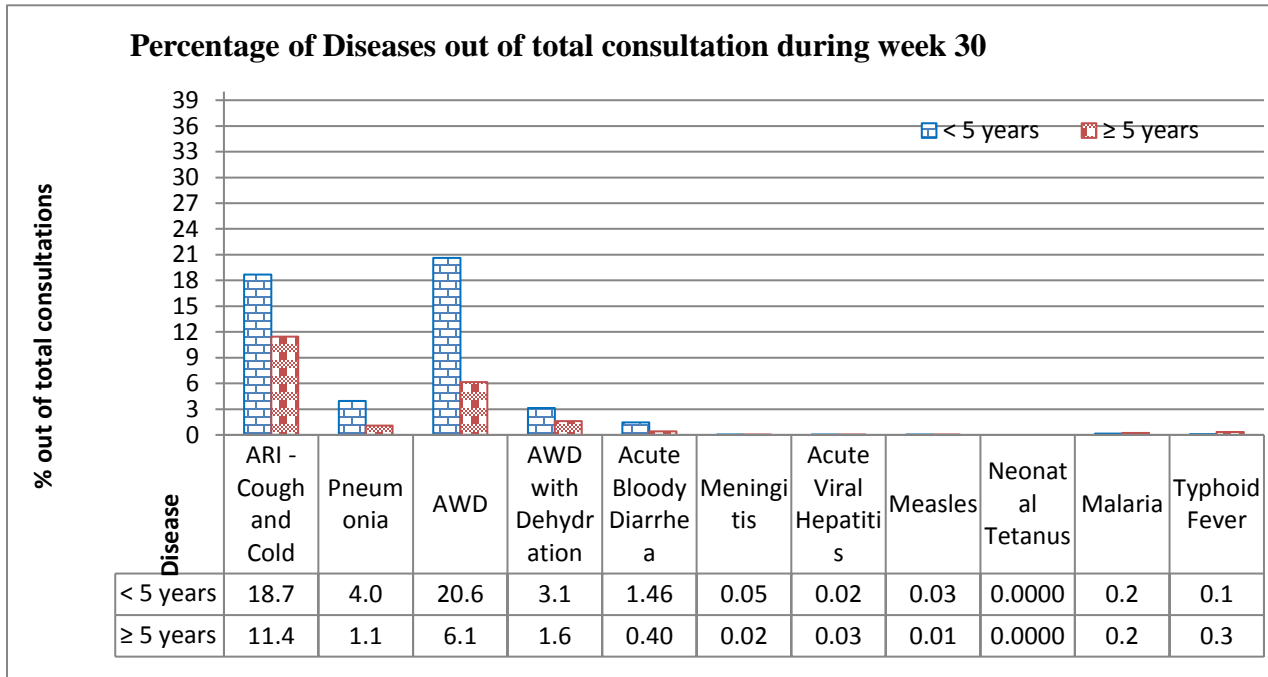
Table 1: Coverage of NDSR Surveillance System

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**

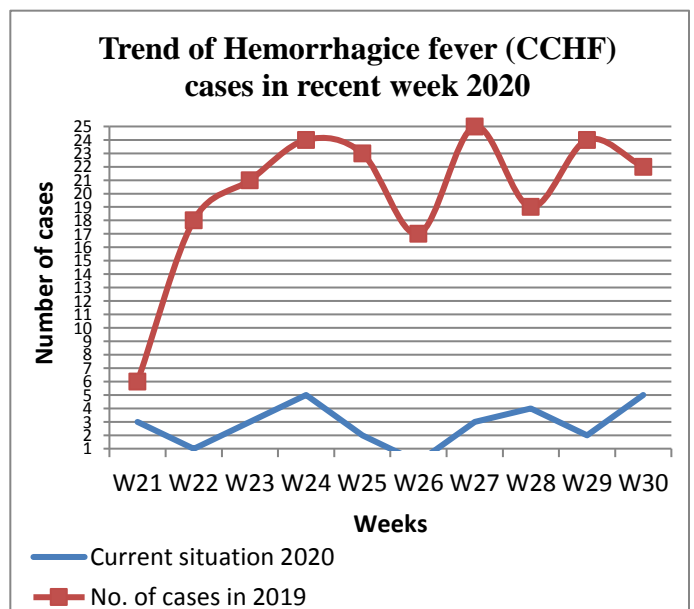
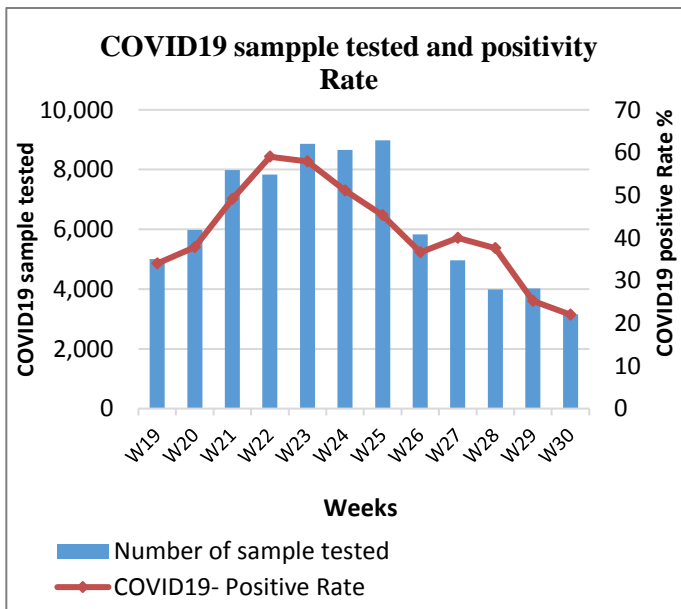
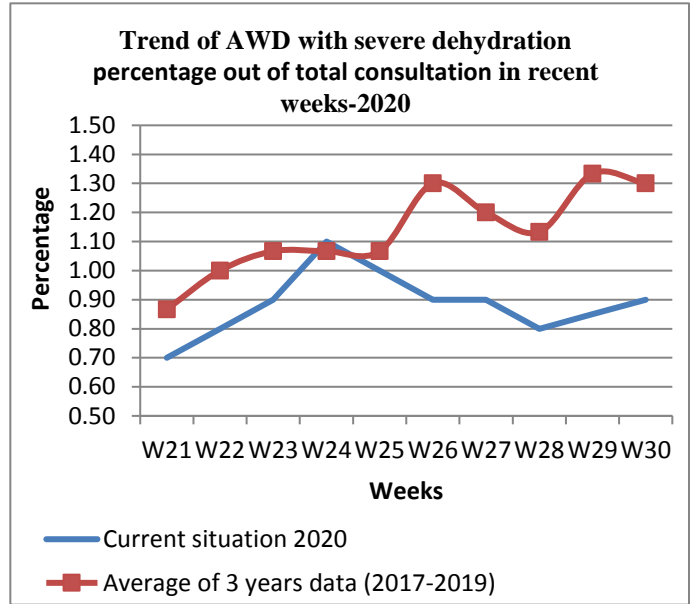
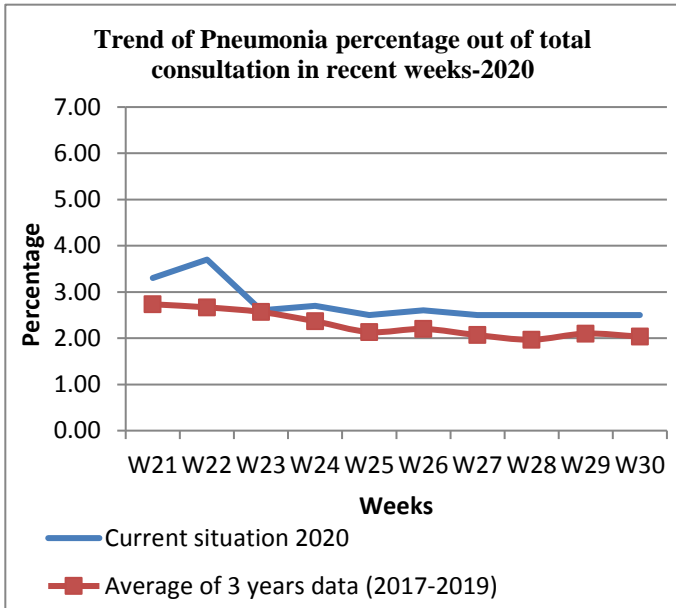


## Vaccine-Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 30<sup>th</sup> 2020

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	44	25	69	0	0	0	0.00

### Seasonal Diseases:



During week 30<sup>th</sup> total of (05) CCHF outbreaks detected, investigated and responded by NDSR teams and the related stakeholders. The details are as below

Suspected CCHF Outbreaks								
Reported dated	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation/Action take
19 July 2020	Kabul	Chahar Asiab	Gulzar	1	0	45	Housewife	During this week 05 suspected CCHF cases were reported from, Kabul, Balkh, and Logar provinces, the cases had probable contact with animals or the tissues of the animal, case management was done, health education sessions were conducted.  Case Fatality rate for CCHF was 20 % (per 100) in this week
19 July 2020	Balkh	Keshn de	Chashma Shir	1	0	40	Other	
21 July 2020	Kabul	Chahar Asiab	Khair Abad	1	0	45	Farmer	
23 July 2020	Logar	Musa	Qala Shamas	1	1	17	Student	
23 July 2020	Kabul	Bagrami	Alokhail	1	0	25	Animal dealer	

Table 2: Updates on the outbreaks reported during 2020 (29 Dec 2019 to 30 July 2020)

Disease/Event	No. of outbreaks	No. of Lab confirmed outbreaks	No. of cases	No. of Deaths
CCHF	48	0	50	4
Measles	23	2	270	3
Pertussis	7	0	42	0
Scabies	7	0	320	0
Chickenpox	6	0	103	0
Dog bites/Suspected Rabies	5	0	58	0
Pneumonia	2	0	208	46
Acute Bloody diarrhea	1	0	120	0
Acute Viral Hepatitis	1	0	10	0
COVID 19	1	1	36157	1259
Mumps	1	0	51	0
Leishmaniasis	1	1	12	0
<b>Grand Total</b>	<b>103</b>	<b>4</b>	<b>37401</b>	<b>1312</b>

#### Laboratory surveillance:

A total of 3,156 specimens for suspected COVID 19 were received by CPHL. Out of which 694 specimens were confirmed for COVID 19.

### **Influenza Surveillance activities**

In Epidemiological week 30th, 2020, 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, 101 (4%) Severe Acute Respiratory Infections cases were reported and 75% of them were among under 5 years old. The proportion of SARI cases was decreased as compared to week 29th, 2020. Four SARI associated deaths reported this week. At the 9 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kabul (27%) and Kapisa (17%) followed by Bamyan (6%). In this Epidemiological week, our field staff sent 7 SARI and 10 ILI specimens to the National Influenza Center (NIC).

### **COVID-19 Surveillance activities**

In this week 3,156 specimens for suspected COVID-19 were tested. Out of which 694 samples are confirmed for COVID 19 by rtPCR. The cases have been isolated either in the isolation wards or in home quarantine, contact tracing has been started and will be continued till 14 days of their last contact with the cases.

Surveillance screening teams screened all the passengers in the points of entry, all of the screened passengers have been checked for fever, and health education are conducted for them.

### **Recommendations:**

- Community surveillance for COVID-19 should be strengthened in all public and private health facilities and CHW should also report these cases
- Clinical case definition for COVID-19 is prepared and shared by surveillance department, all public and private HFs should report the clinical COVID-19 cases based on the clinical case definition
- Contact tracing for all contacts of the lab confirmed cases should be implemented as still only 24% of the contacts are traced.
- SARI (Severe Acute Respiratory Infection) surveillance in adults ( $\geq 18$  years) should be started and lab samples from those cases which are not responded with antibiotic during 48 hours should be collected.
- Health education session on COVID-19 should be conducted in all public and private HFs in the provinces
- **EPI:** As the system detected 69 suspected Measles 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.