



National Disease Surveillance
& Response (NDSR)

NDSR Weekly Epidemiological Report–36th

Date: 05 to 11- Sep, 2021

Summary:

- Out of 513 functional Surveillance sentinel sites, 459 (89.5%) have submitted reports this week.
- A total of 393,237 new consultations, 149,155 (37.9%) were due to Surveillance targeted diseases. That included 79191 male (53.1%) and 74301 under five cases (49.8%).
- The main causes of consultations this week were ARI (Cough & Cold), 73,366 cases, (18.7 %) out of total new consultations, Acute Diarrheal Diseases 56,435 cases (14.4%) out of total new consultations and Pneumonia, 11,929 cases (3%) out of total new consultations.
- A total of 141 deaths were reported this week, of which 74 were due to Surveillance targeted diseases, which includes 31 Pneumonia deaths, 28 COVID-19 deaths, 04 suspected Acute Viral Hepatitis deaths, 03 suspected Measles deaths, 03 Suspected Meningitis/Severely Ill Child deaths, 02 Typhoid Fever deaths, 01 Suspected Malaria death, 01 Suspected Hemorrhagic Fever death and 01 Acute Diarrheal Diseases death.
- A total of 308 Measles cases with 03 deaths were reported in this week.
- During this week, one AWD outbreak with (60 cases and 02 deaths due to AWD with severe dehydration) reported from Kabul province, 04 suspected CCHF cases reported from Herat and Badghis provinces, 01 suspected case of black fungus was reported from Badakhshan province and 560 COVID-19 confirmed cases reported at national level.

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

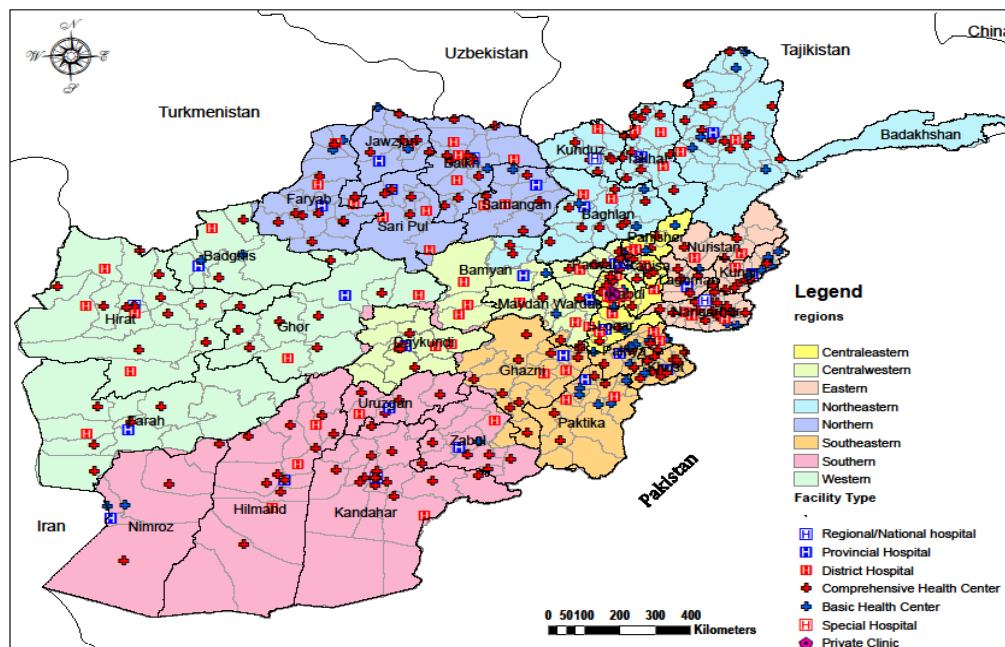


Table 1: Coverage of NDSR Surveillance System

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.

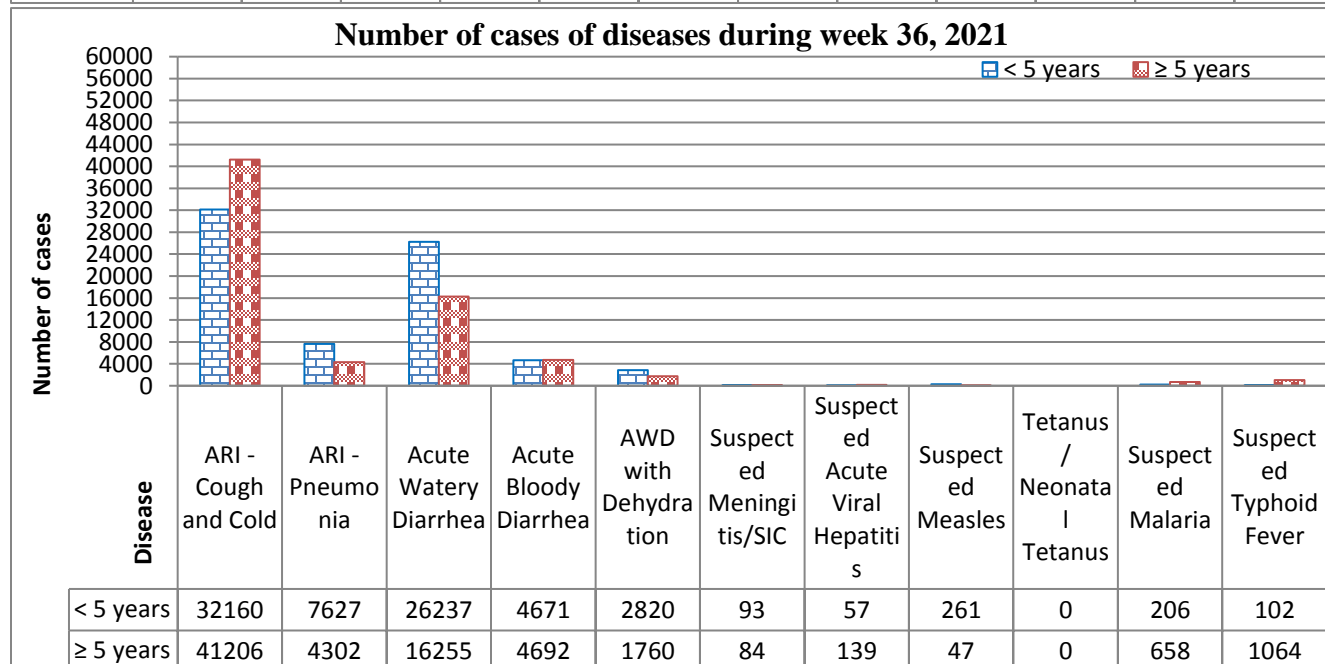
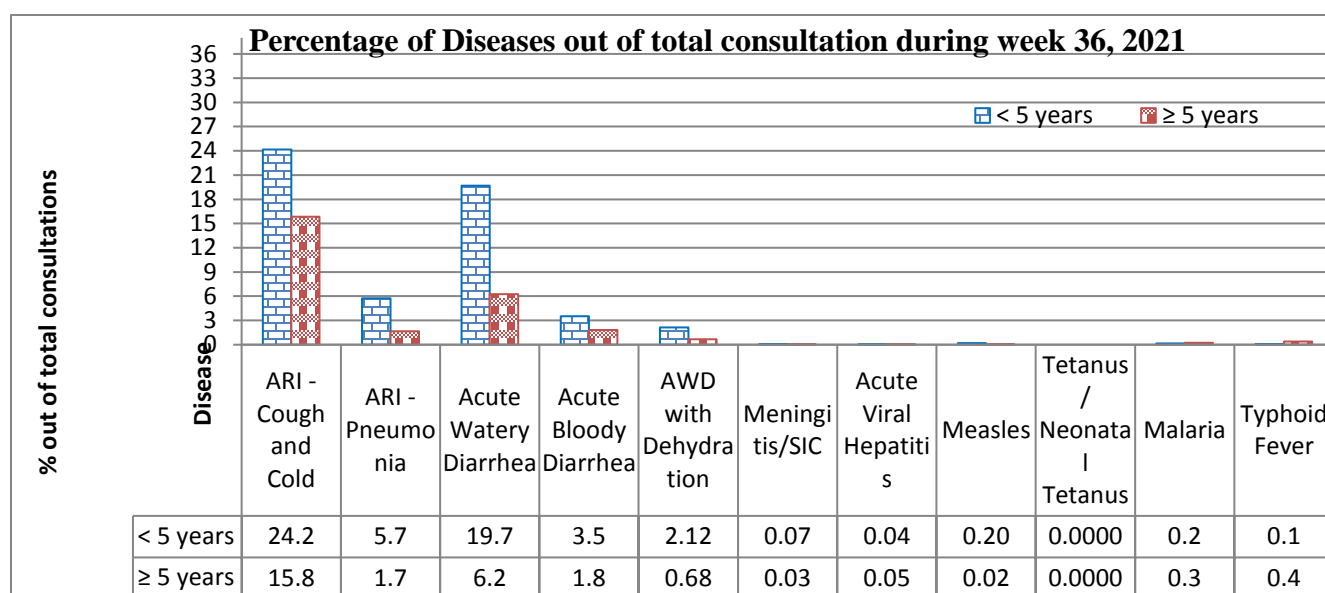
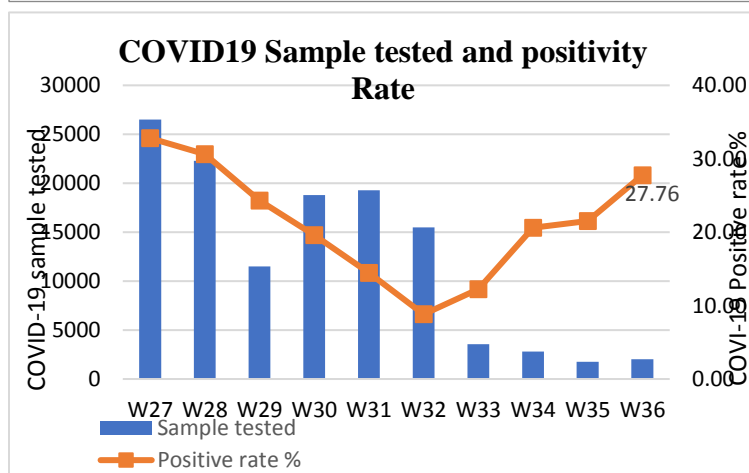
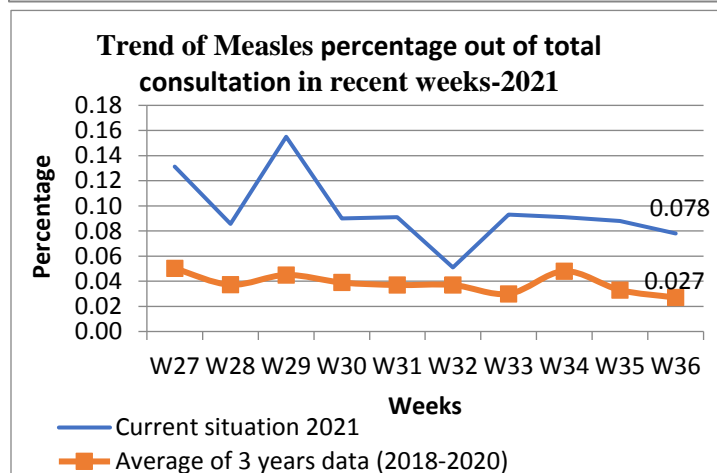
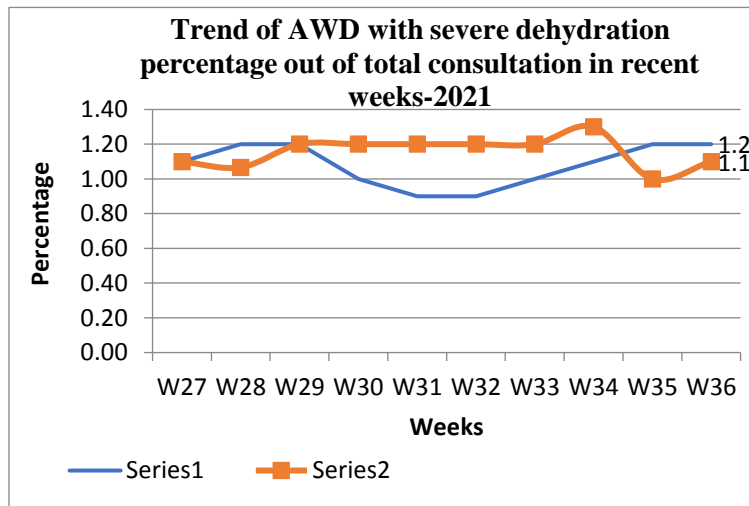
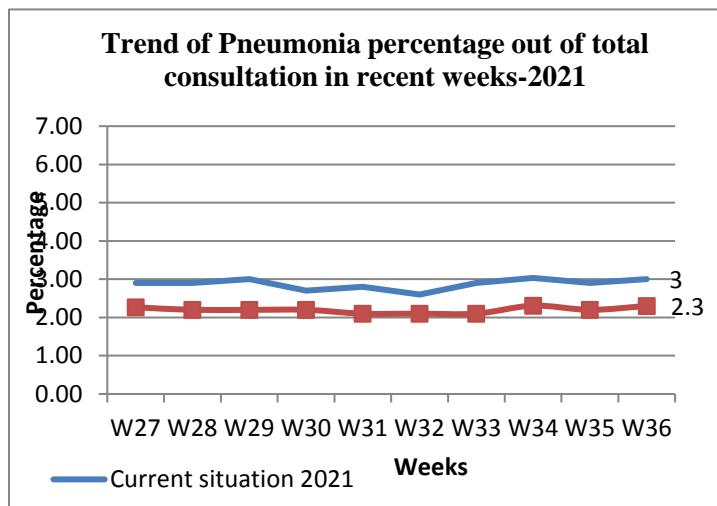


Table 2: Cases and deaths due to VPDs by age group during week 36th, 2021

Diseases	Cases			Deaths			CFR/100 Total
	<5 years	≥ 5 years	Total	<5 years	<5 years	≥ 5 years	
Suspected Measles	261	47	308	3	0	3	0.97

Seasonal Diseases:



During week 36th, one AWD outbreak and 04 suspected CCHF cases detected, investigated and responded by NDSR team and the related stakeholders. The details are as below:

AWD Outbreak								
Reported Date	Province	District	Village	<5 Cases	≥5 Cases	Total Cases	Total Deaths	Recommendation /Action take

11/9/2021	Kabul	Sarobi district	Tapa	11	49	60	2	In this week, 01 AWD outbreak reported from Sarobi district of Kabul province, 60 clinical AWD cases, including 15 severe cases in shock condition and 02 deaths due to AWD with dehydration reported, the outbreak was investigated, case management was done for all the cases. Sampling from stool and the drinking water of the said village were collected and shipped to CPHL, Health education was conducted by the investigation team.
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CCHF suspected cases								
Reported dated	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation/Action take
10/09/2021	Herat	City	Area3	1	0	30y	Housewife	During this week, 04 suspected CCHF cases were reported from Herat and Badghis provinces, case management and health education was done. In addition, this issue was shared with animal health sector and Zoonotic committee for further needed action in the affected area.
08/09/2021	Herat	Injil	Sarvistan	1	0	15y	Other	
06/09/2021	Badghis	Ab kamari	Qul ozbek	1	0	40y	Housewife	
11/09/2021	Badghis	Morghab	panirak	1	0	15y	Housewife	

Figure 2: COVID-19cases and CCHF outbreak during the week 36th 2021

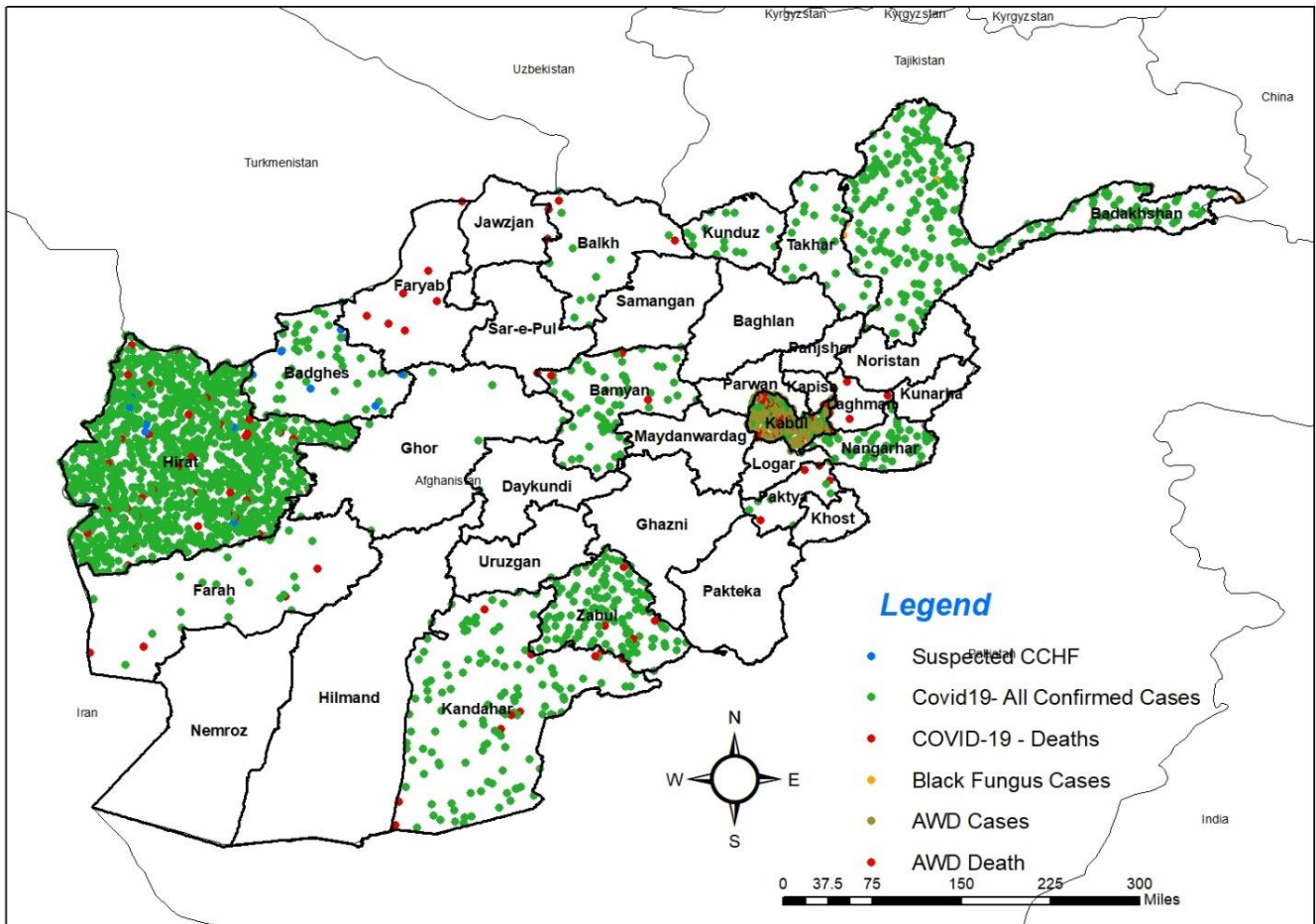


Table 3: Updates on the outbreaks reported during 2021 (27 Dec 2020 to 11, September 2021)

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	89	62	972	35
CCHF	76	21	76	5
Dog bites/Suspected Rabies	10	0	61	0
Pertussis	4	0	38	0
Scabies	3	0	71	0
Diphtheria	3	0	6	1
Acute Watery Diarrhea	1	0	88	0
Food poisoning	2	0	26	0
COVID 19	1	1	102073	4996
Tick bite	1	0	9	0
Mass psychogenic Illness	1	0	16	0
ARI	1	0	11	0
Unknown Poisoning	1	0	12	3
Cholera	1	0	44	2
Acute Influenza	1	1	5	0
Chickenpox	1	0	9	0
Gas (CO) Poisoning	1	0	18	0
Grand Total	197	85	103535	5042

Laboratory surveillance:

A total of **2,017** specimens were collected and shipped to CPHL, the regional and private labs. Out of which **560** specimens were confirmed for COVID-19 in this week.

Influenza Surveillance activities:

In Epidemiological week 36th 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(4.5%) Severe Acute Respiratory Infections cases were reported and 65% were under 5 years old. The proportion of SARI cases were slightly decreased as compared to week 35th 2021. One SARI associated death was reported this week. At the 9 provincial levels, the top sentinel sites with the highest proportion of SARI cases were Kapisa (18%), Kabul (17%), and Bamyan (13%). In this epidemiological week, our field staff shipped 23 SARI and 16 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

In this week, **2,017** specimens were tested for suspected COVID-19. Out of which **560** 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 increased in most of the provinces compared to last week (in general 47 % more cases were reported, and 5.6 % lab samples positivity rate increased as compared to last week at national level).
- Bed occupancy rate (BOR) at the national level is 23.7%, which decreased 4.3% compared to previous week.

Out of **1,076** contacts of **548** positive cases that were mostly family members with an average of 02 Contacts per one case, and will be continued till 14 days of their last contact with the confirmed cases. Also, surveillance screening teams screened all the passengers in the points of entry for fever, and health education was conducted for them, about **99,422** passengers have been screened for COVID-19 in the points of entry of seven provinces (Balkh, Herat, Kandahar, Khust, Kunduz, Nangarhar and Nimroz provinces).

Challenges:

- AWD cases are increased due to health service instability and World Bank support suspension to the health sector.
- Shortage of lab consumables for suspected COVID-19 and cholera cases testing in majority of the provinces
- Inadequate lab testing capacity in the country

Recommendations:

- Emergency supply and buffer stock is needed for all the provinces in the outbreaks prone areas
- Regular supply for lab consumables and kits for surveillance priority diseases including COVID-19 are needed and lab testing capacity needs 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).
- Reactivation of the RRTs in all the provinces (At least one RRT in each province should keep functional).
- **EPI:** As the system detected **308** suspected Measles cases and **03** deaths 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.