



Islamic Republic of Afghanistan
Ministry of Public Health
Evaluation & Health Information

جمهوری اسلامی افغانستان
وزارت صحت عامه
ریاست عمومی ارزیابی و معلومات صحی

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National Disease Surveillance & Response (NDSR)

Weekly Epidemiological Report–46th

11 to 17 Nov 2018

Summary:

- Out of 573 functional Surveillance sentinel sites, 563(98.2%) have submitted reports this week.
- Out of a total of 517,167 new consultations, 175,868(34%) were due to Surveillance targeted diseases.
- Main causes of consultations this week were ARI (Cough & Cold, 113,676 cases, 22% out of total new consultations and Pneumonia, 19,323 cases, 3.7% out of total new consultations) and Acute Diarrheal Diseases, 39,252 cases, 7.5% out of total new consultations.
- A total of 249 deaths were reported this week, of which 42 were due to Surveillance targeted diseases, which includes 32 Pneumonia deaths, 03 Meningitis deaths, 02 Measles deaths, 02 Pregnancy related deaths reported from Zabul and Panjab sentinel sites, one Acute watery diarrhea with dehydration death, one Acute Viral Hepatitis death and one Neonatal tetanus death.
- Total of 04 outbreaks reported this week; of which 02 were CCHF outbreaks reported from Kabul and Ghazni provinces, one Dog bite/suspected Rabies outbreak reported from Badakhshan province and one Acute Viral Hepatitis outbreak reported from Kabul province.

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

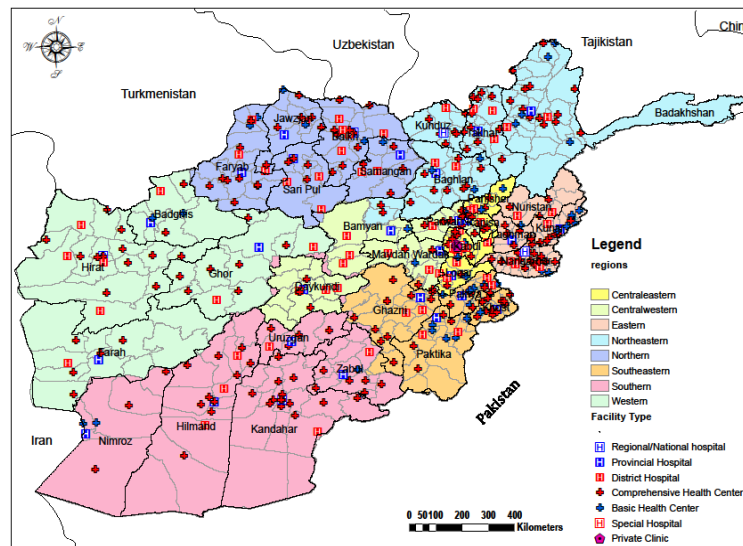


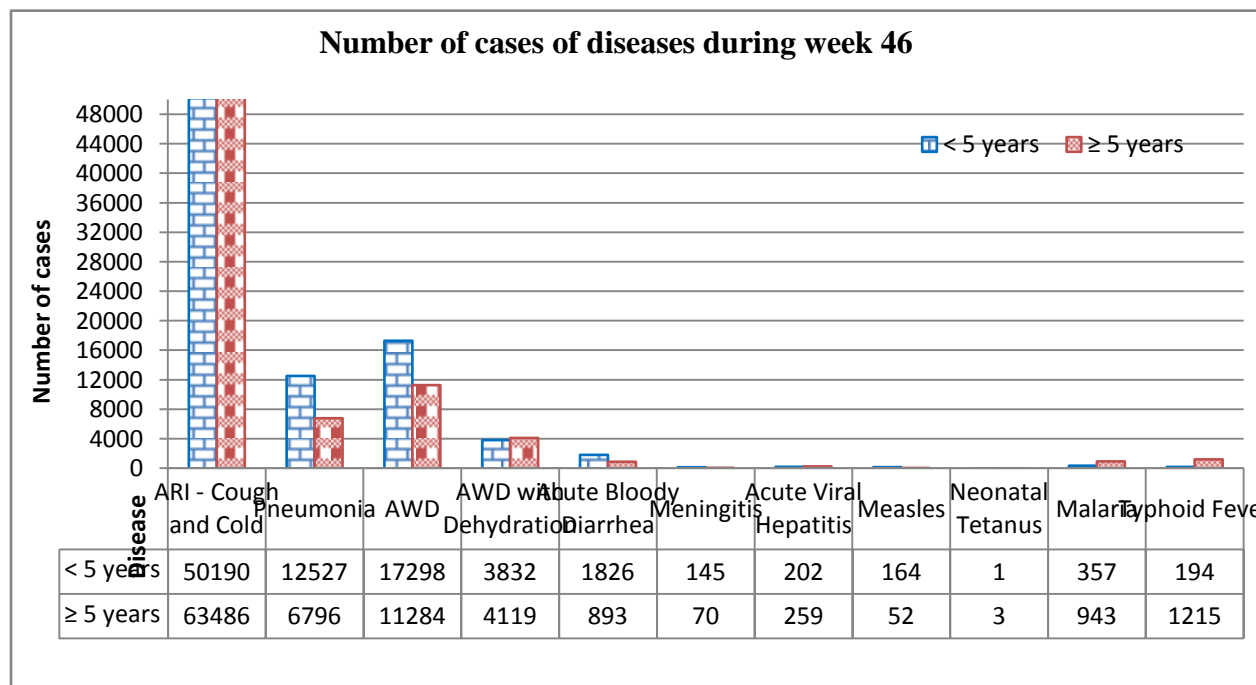
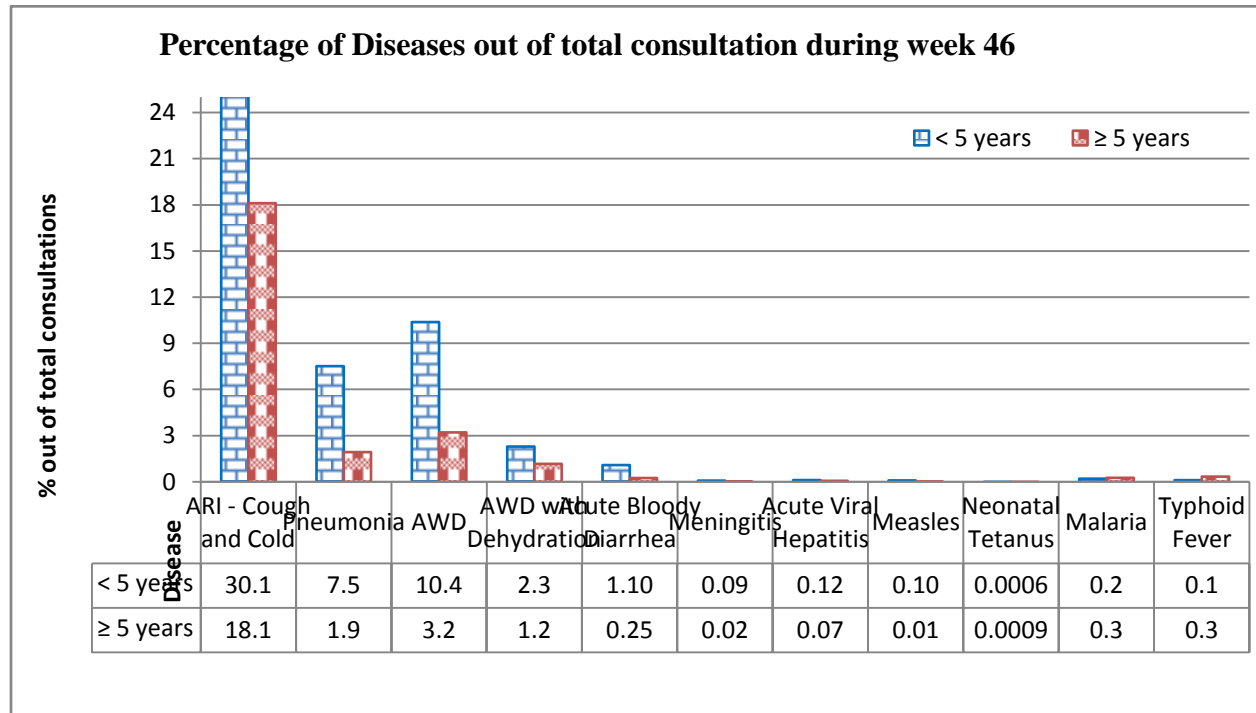
Table 1: Coverage of NDSR Surveillance System

Type of Health Facility	RH/PH	DH	CHC/BHC	Polyclinic	Private Hospital	Special Hospital	Total
Total Health Facilities (HF)	34	80	1,239	1	293	29	1,676
HF covered by NDSR-Plus	32	74	405	1	46	15	573

Indicator – based Surveillance:

The Indicator-based surveillance component of NDSR reports 15 priority infectious diseases from sentinel sites on weekly bases. The data is compared with previous weeks and 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

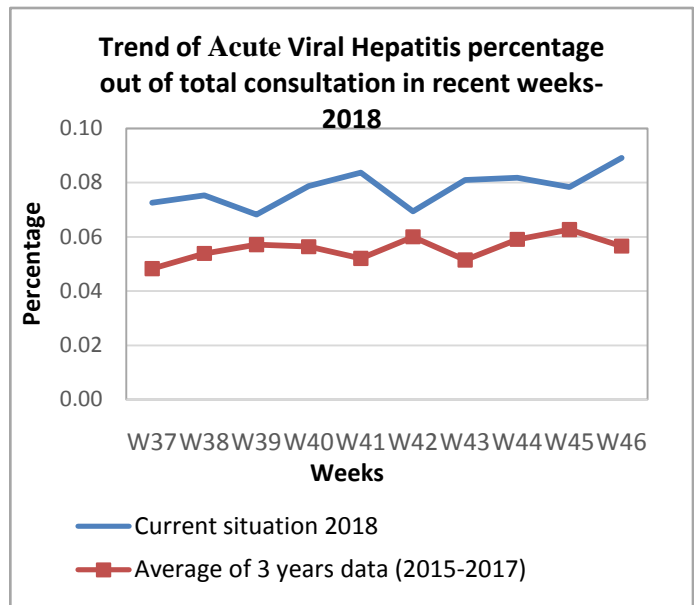
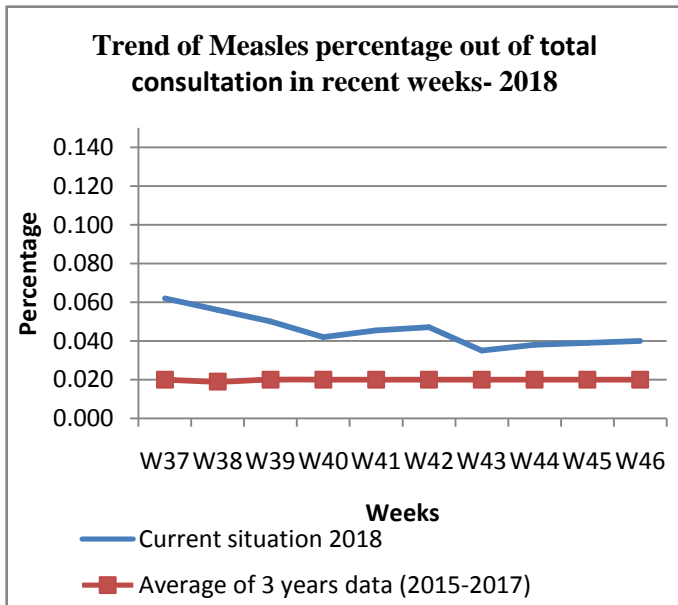
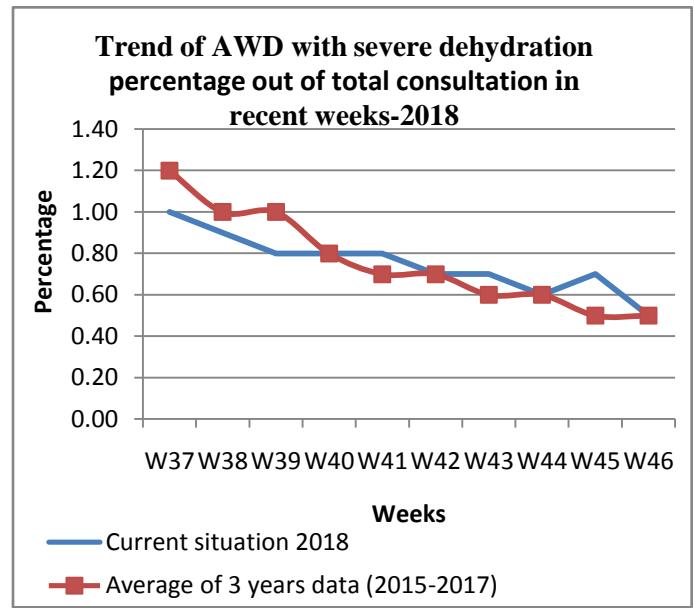
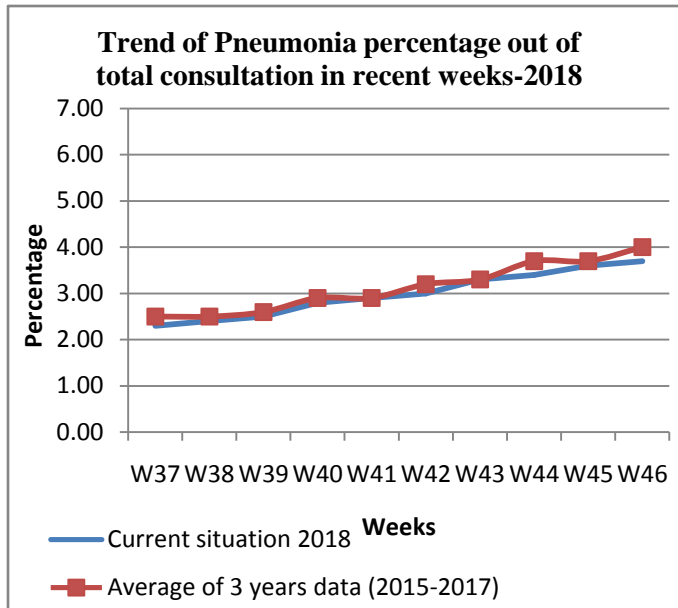


Vaccine Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 46th, 2018

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	164	52	216	2	0	2	0.93
Neonatal tetanus	1	3	4	1	0	1	0.00

Seasonal Diseases:



During week 46th total of 04 outbreaks detected, investigated and responded by NDSR teams and the related stakeholders. The details are as below:

CCHF Outbreaks								
Reported dated	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation/Action take
15 Nov 2018	Ghazni	DiarGhazni	Jan Abad	1	0	22 Y	Jobless	During this week the CCHF cases are the same compared to the previous week and were decreased than the same week of last year. The cases were reported from Ghazni and Kabul provinces, the cases were among people which had indirect contact with infected animals or the tissues of the infected animal, Case management was done for all the cases; health education sessions were conducted as well. The Case Fatality rate of CCHF cases in this week was 0% (per 100)
15 Nov 2018	Kabul	Kabul City	Kabul Airport	1	0	27 Y	Police	
Dog bite/suspected outbreak								
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take		
11 Nov 2018	Badakhs han	Khash	Sarlola	3	0	The outbreaks was investigated, the cases were treated, vaccination was advised and health education was provided, Relevant programs are requested to implement the preventive and control strategies		
Acute Viral Hepatitis outbreak								
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take		
27 Oct 2018	Kabul	Kabul city	Kabul	98	0	This year we had more outbreaks and cases of Acute Viral Hepatitis compared to the previous year, Relevant programs are requested to implement the preventive and control strategies		

Figure 3: Outbreaks investigated during the week 46th, 2018

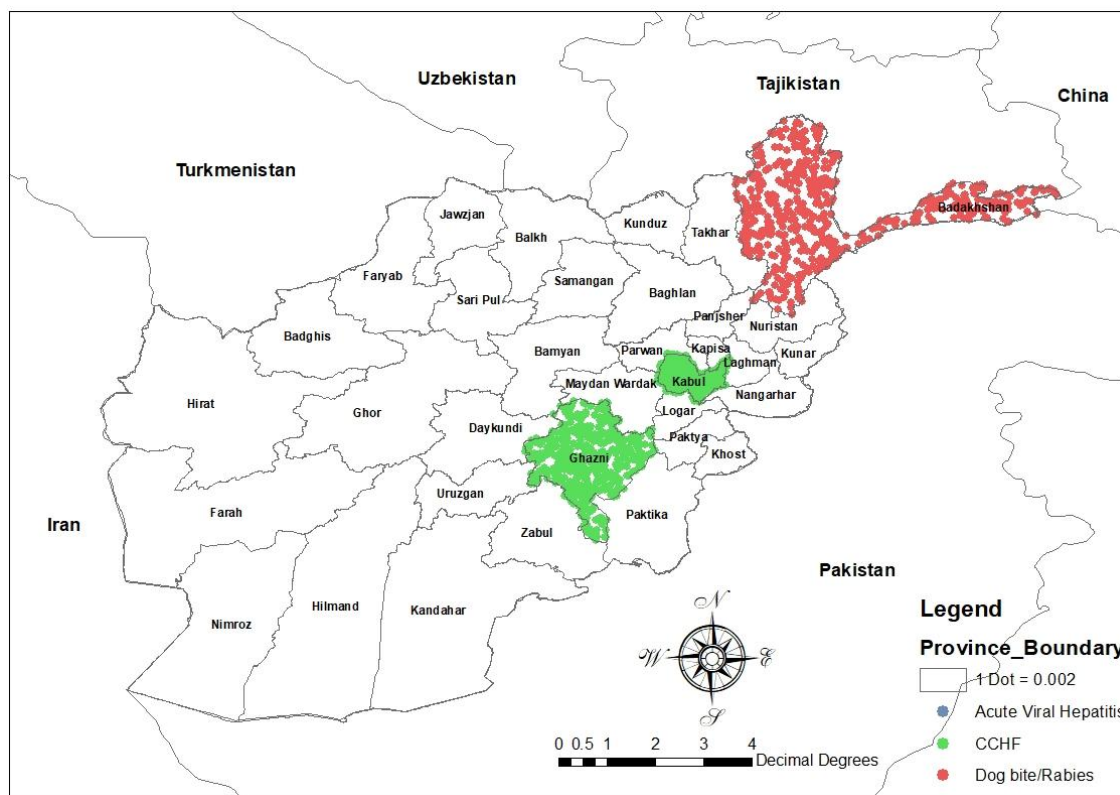


Table 2: Updates on the outbreaks reported during 2018 (31 Dec 2107 to 17 Nov 2018)

Disease/event	No. of outbreaks	No. of lab-confirmed Outbreaks	No. of cases	No. of deaths
CCHF	447	127	477	59
Measles	213	144	2802	20
Dog bites/Suspected Rabies	29	2	224	2
Chickenpox	23	1	378	0
Pertussis	19	1	142	0
Food poisoning	10	0	446	0
Scabies	6	0	541	0
Mass psychogenic Illness	5	0	246	0
Gas (CO) Poisoning	3	0	47	0
Acute Viral Hepatitis	3	2	112	0
Leishmaniasis	2	1	47	0
Human Immunodeficiency Virus	1	0	1	0
Malaria	1	1	108	0
Diphtheria	1	0	3	1
Petrol poisoning	1	0	3	1

Water poisoning	1	0	221	0
Fly Bite	1	0	5	0
Meningitis	1	1	3	1
Mumps	1	0	5	0
Grand Total	768	280	5811	84

Laboratory surveillance:

In this week a total of 103 different specimens/samples were received by CPHL, all specimens were under process. (Follow up by the CPHL is going on).

Influenza Surveillance activity

In Epidemiologic week 46, 2018, we have received Epidemiological reports from 9 out of 9 sentinel sites. (Kabul, Kapisa, Balkh, Herat, Kandahar, Bamyan, Paktya, Nangarhar and Baghlan). Out of all new hospital admission, 218(6.5%) Sever Acute Respiratory Infections cases were reported and 64% of them were among under 5 years old. The proportion of SARI cases was increased than week 45. There were 4 SARI associated deaths were reported in this week.

In EPI week 46 our National Influenza Center (NIC) received 53 SARI and 35 ILI specimens. No new influenza case was detected by the NIC in this week.

Recommendations:

The increase in the trend of suspected Measles and Acute viral hepatitis cases in this week is the cause of concern; this should be analyzed further in different levels and appropriate actions to be taken by the concerned departments.