



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

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

د افغانستان اسلامي جمهوریت  
د عامې روغتیا وزارت  
د ارزونې او روغتیایي معلوماتو لوی

National Disease Surveillance & Response (NDSR)

Weekly Epidemiological Report–47<sup>th</sup>

18 to 24 Nov 2018

Summary:

- Out of 573 functional Surveillance sentinel sites, 565(98.6%) have submitted reports this week.
- Out of a total of 505,414 new consultations, 171,560(33.9%) were due to Surveillance targeted diseases.
- Main causes of consultations this week were ARI (Cough & Cold, 111,369 cases, 22% out of total new consultations and Pneumonia, 20,687 cases, 4.1% out of total new consultations) and Acute Diarrheal Diseases, 36,220 cases, 7.2% out of total new consultations.
- A total of 233 deaths were reported this week, of which 57 were due to Surveillance targeted diseases, which includes 44 Pneumonia deaths, 05 Acute Diarrheal Disease deaths, 4 Meningitis deaths, 02 Pregnancy related deaths reported from Zabul and Rabia Balkh sentinel sites, one Neonatal tetanus death and one Acute Viral Hepatitis death.
- Total of 02 outbreaks reported this week; all were CCHF outbreaks reported from Kabul province.

Figure 1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility

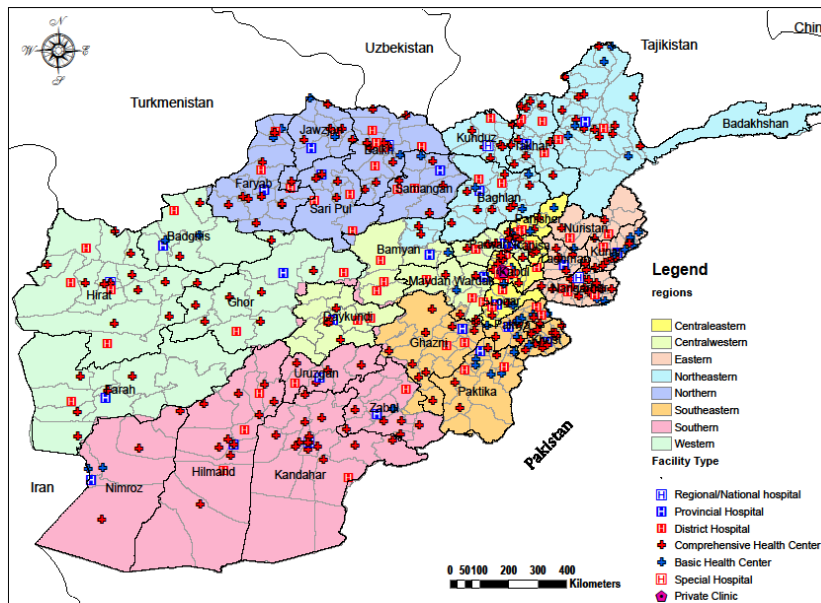


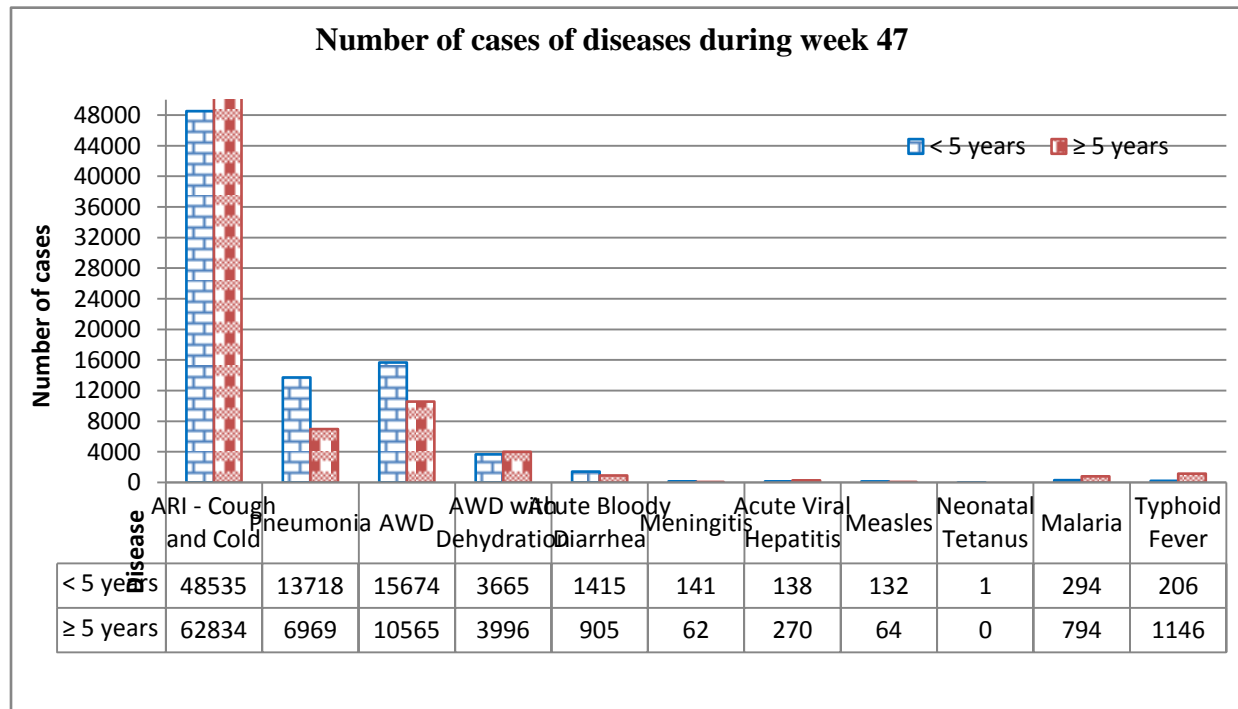
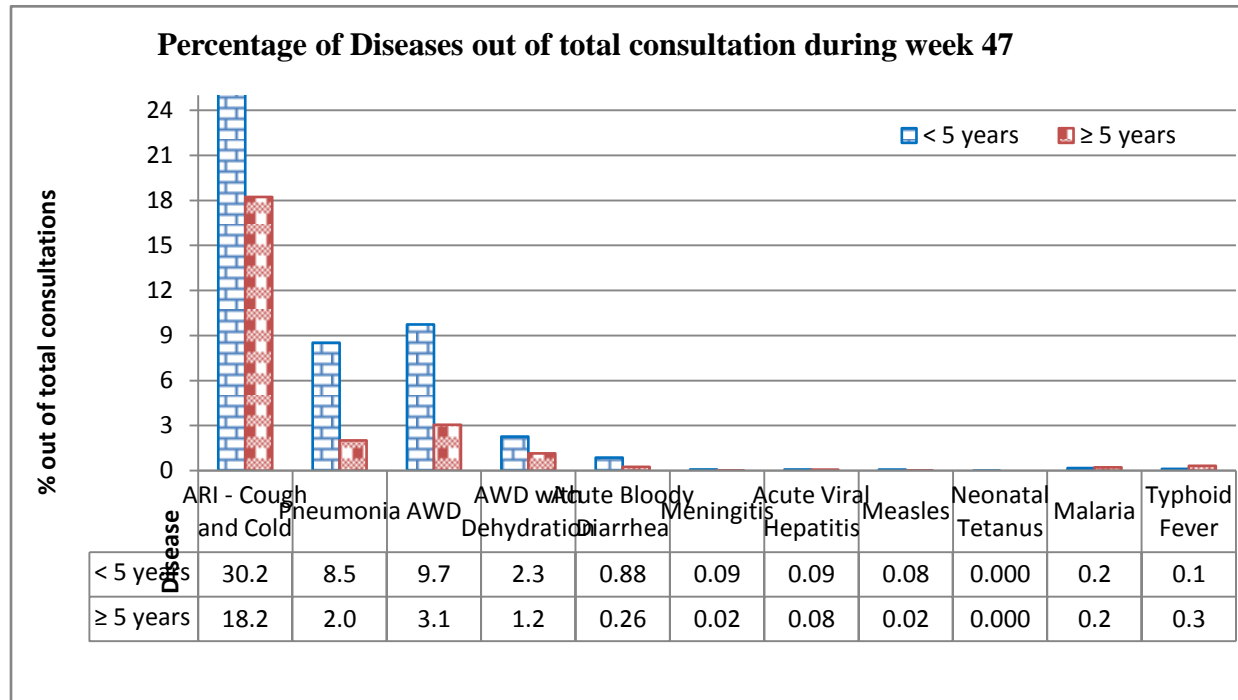
Table 1: Coverage of NDSR Surveillance System

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**

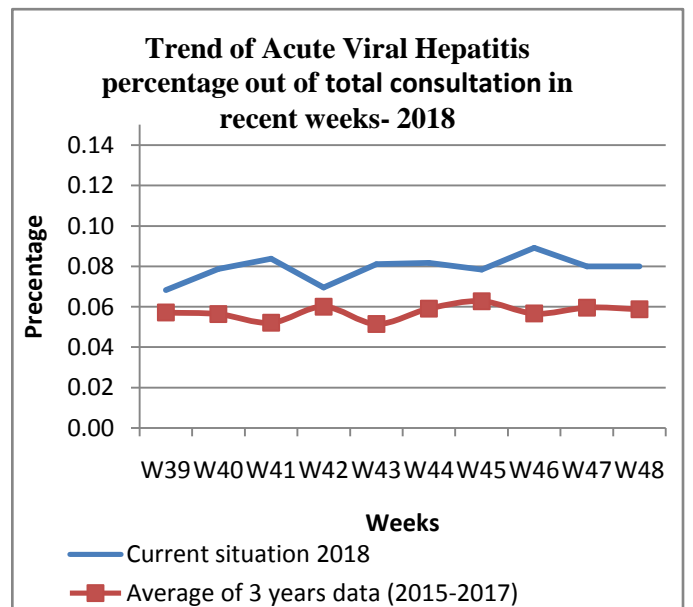
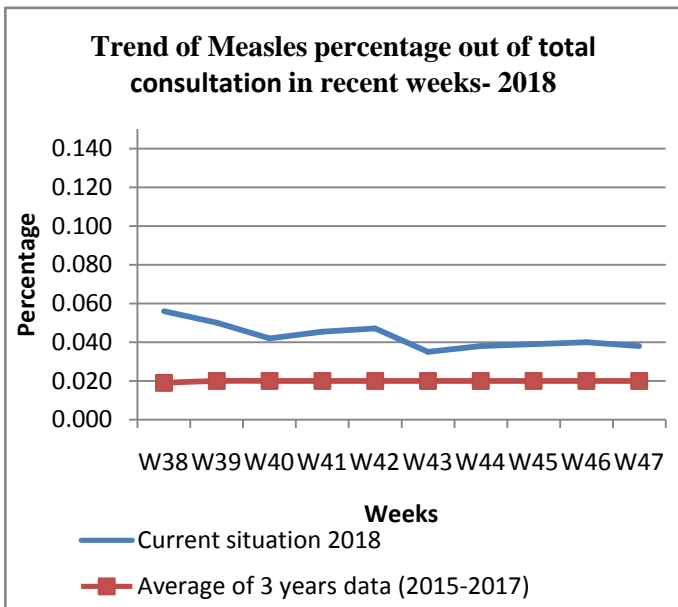
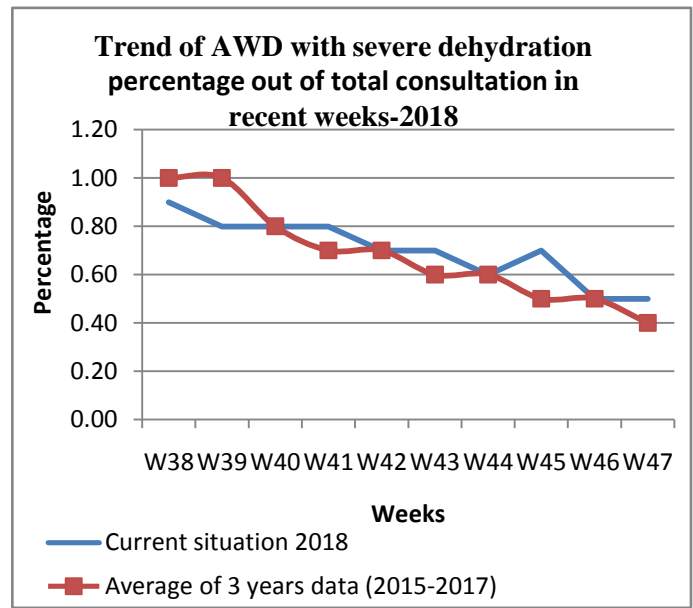
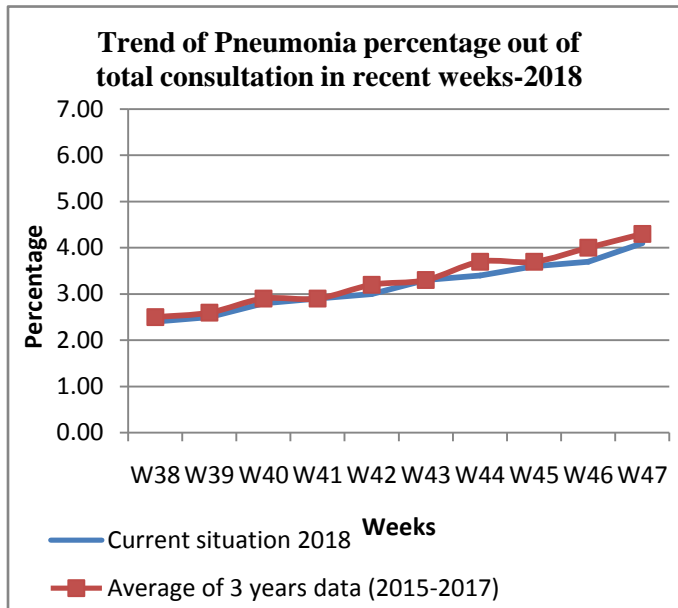


## Vaccine Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 47<sup>th</sup>, 2018

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	132	64	196	0	0	0	0.00
Neonatal tetanus	1	0	1	1	0	1	100.00

### Seasonal Diseases:



During week 47<sup>th</sup> total of 02 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
18 Nov 2018	Kabul	District 9	Khoshal khan	1	0	25 Y	Student	During this week the CCHF cases are the same compared to the previous week and were increased than the same week of last year. The cases were reported from Kabul province, 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 CCHF Case Fatality rate in this week was 0% (per 100)
19 Nov 2018	Kabul	District11	Sarayshama li	1	0	15 Y	Housewife	

Figure 3: Outbreaks investigated during the week 47<sup>th</sup>, 2018

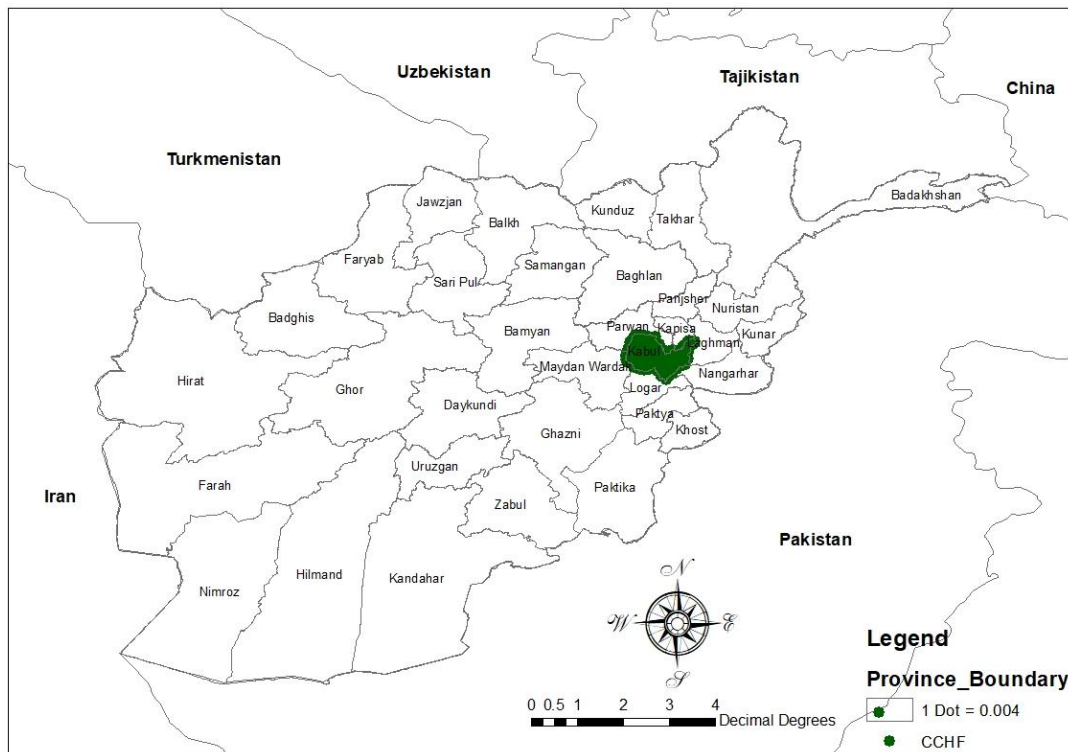


Table 2: Updates on the outbreaks reported during 2018 (31 Dec 2107 to 24 Nov 2018)

Disease/event	No. of outbreaks	No. of lab-confirmed Outbreaks	No. of cases	No. of deaths
CCHF	449	127	479	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
<b>Grand Total</b>	<b>770</b>	<b>280</b>	<b>5813</b>	<b>84</b>

### Laboratory surveillance:

In this week a total of 79 different specimens/samples were received by CPHL, out of which 04 specimens were positive and 01 specimen was negative for Measles while the rest are under process. (Follow up by the CPHL is going on).

### Influenza Surveillance activity

In Epidemiologic week 47, 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, 205(5.5%) Sever Acute Respiratory Infections cases were reported and 53 % of them were among under 5 years old. The proportion of SARI cases was decreased than week 46. There was 1 SARI associated deaths reported in this week.

In EPI week 47 our National Influenza Center (NIC) received 52 SARI and 36 ILI specimens. The results of the samples are pending.

### Recommendations:

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