



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)

25 Nov to 01 Dec 2018

Weekly Epidemiological Report-48th

Summary:

- Out of 573 functional Surveillance sentinel sites, 567(98.8%) have submitted reports this week.
- Out of a total of 528,502 new consultations, 181,119(34.3%) were due to Surveillance targeted diseases.
- Main causes of consultations this week were ARI (Cough & Cold, 119,585 cases, 22.6% out of total new consultations and Pneumonia, 22,584 cases, 4.3% out of total new consultations) and Acute Diarrheal Diseases, 35,849 cases, 6.7% out of total new consultations.
- A total of 209 deaths were reported this week, of which 44 were due to Surveillance targeted diseases, which includes 31 Pneumonia deaths, 08 Meningitis deaths, 02 Acute Watery Diarrhea with dehydration deaths, one Pregnancy related death reported from Zabul province, one Neonatal tetanus death and one Acute Viral Hepatitis death.
- No new outbreak reported in week 48th 2018

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

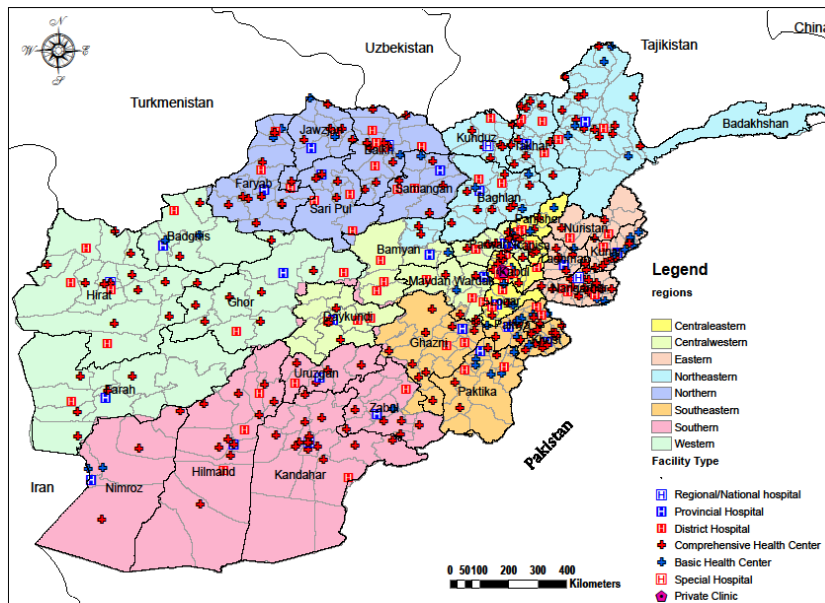


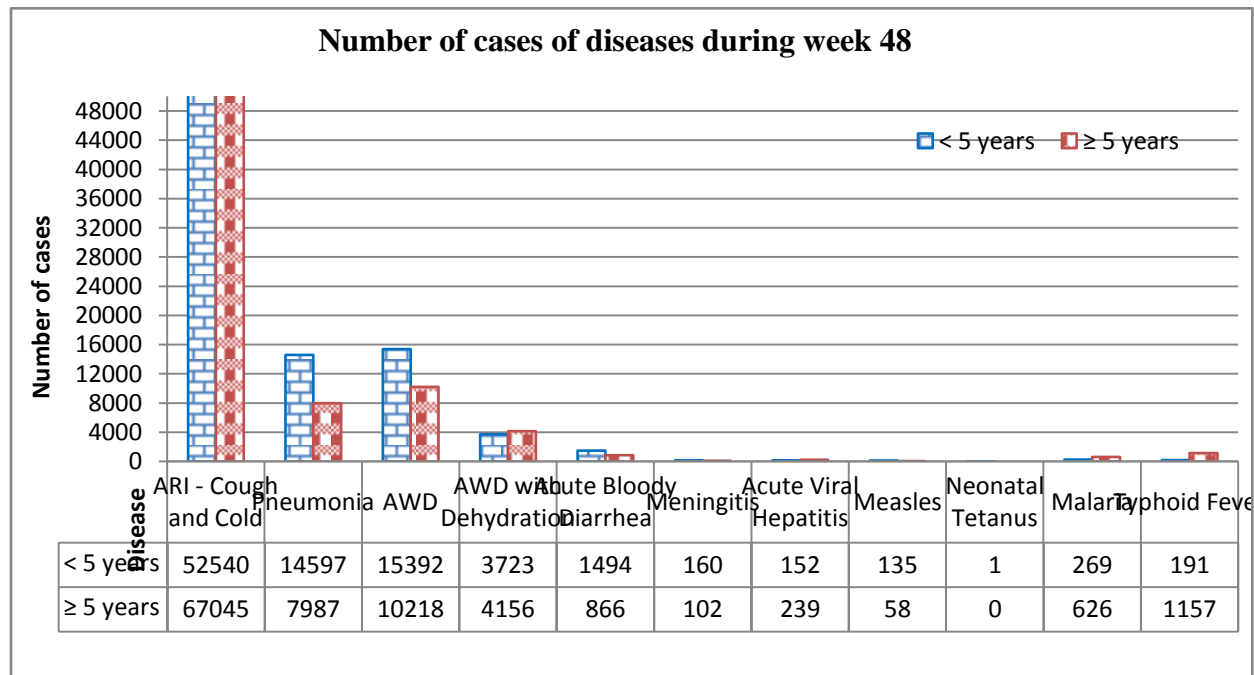
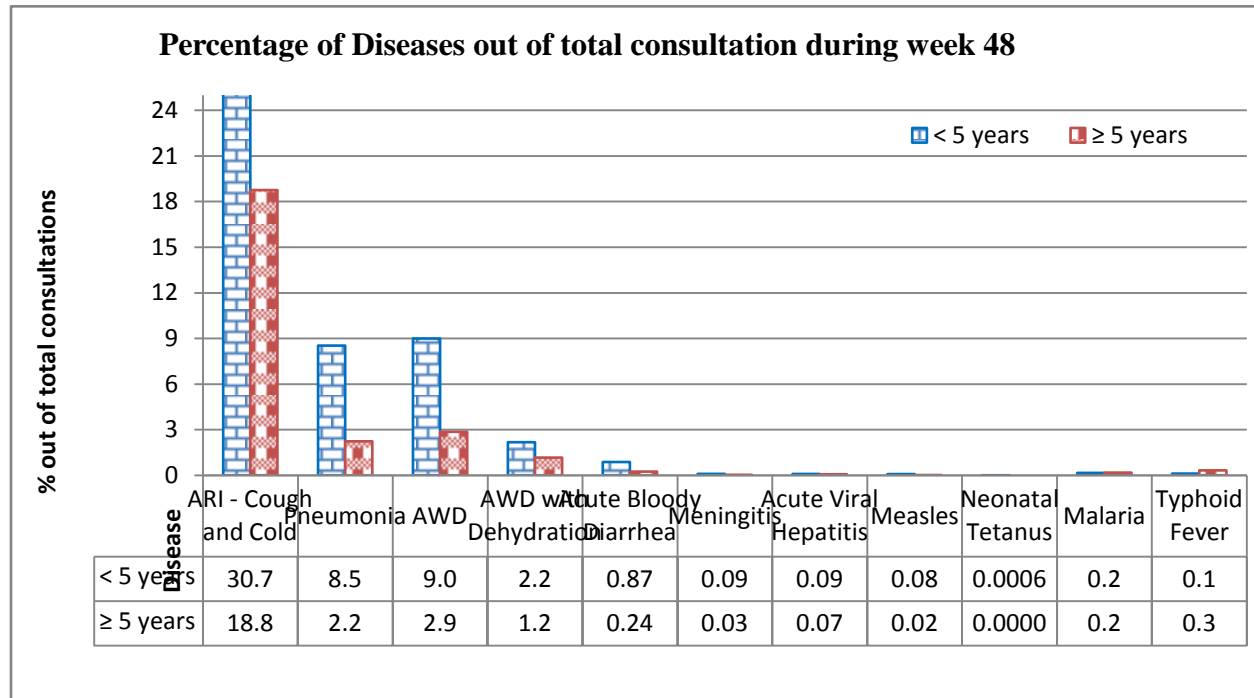
Table 1: Coverage of NDSR Surveillance System

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 48th, 2018

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	135	58	193	0	0	0	0.00
Pertussis	2	0	2	0	0	0	0.00
Neonatal tetanus	1	0	1	1	0	1	0.00

Seasonal Diseases:

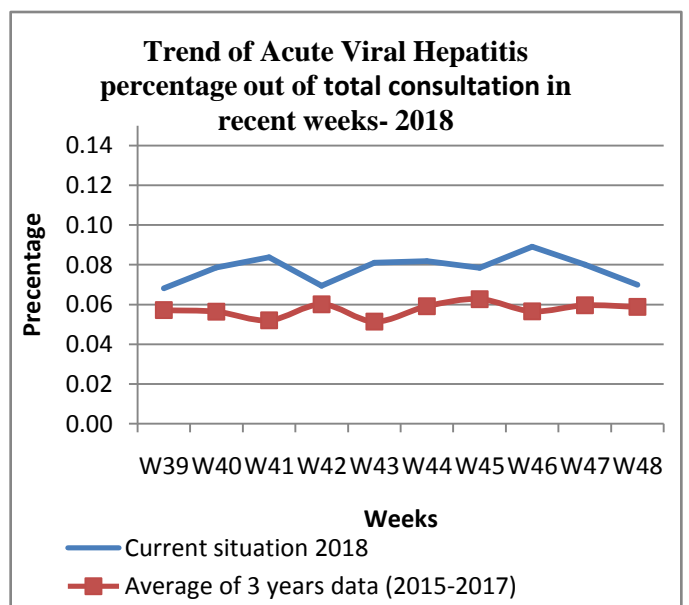
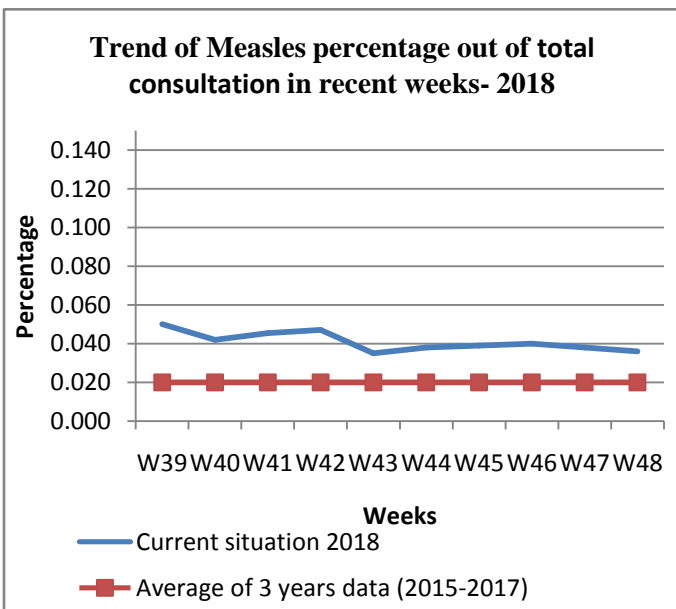
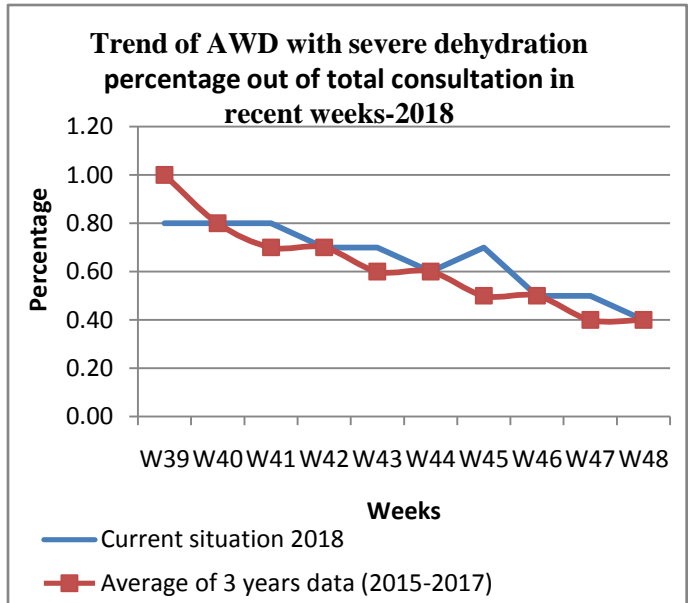
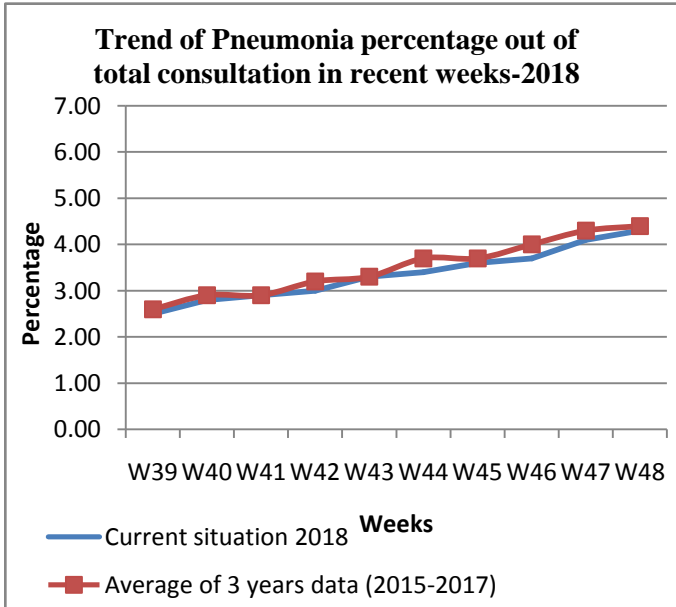


Table 2: Updates on the outbreaks reported during 2018 (31 Dec 2107 to 01 Dec 2018)

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
Grand Total	770	280	5813	84

Laboratory surveillance:

In this week a total of 45 different specimens/samples were received by CPHL, all specimens are under process. (Follow up by the CPHL is going on).

Influenza Surveillance activity

In this week, 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 %) Sever Acute Respiratory Infections cases were reported and 52 % of them were among under 5 years old. The proportion of SARI cases was about the same as week 47. There was 01 SARI associated death reported in this week.

In EPI week 48 our National Influenza Center (NIC) received 47 SARI and 30 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.