



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)**

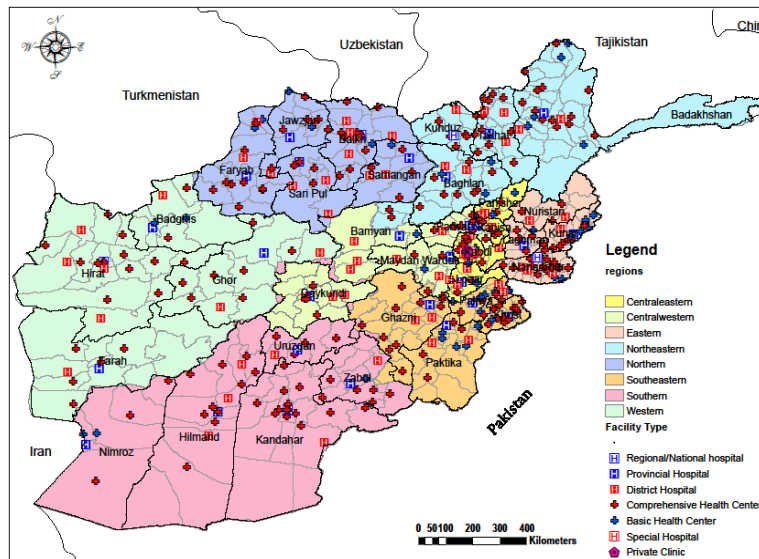
30 Dec 2018 to 05 Jan 2019

**Weekly Epidemiological Report–01<sup>st</sup>**

**Summary:**

- Out of 574 functional Surveillance sentinel sites, 558(97.3%) have submitted reports this week.
- Out of a total of 532,528 new consultations, 189,726(35.6%) were due to Surveillance targeted diseases.
- Main causes of consultations this week were ARI (Cough & Cold, 130,638 cases, 24.5% out of total new consultations and Pneumonia, 27,832 cases, 5.2% out of total new consultations) and Acute Diarrheal Diseases, 28,573 cases, 5.3% out of total new consultations.
- A total of 260 deaths were reported this week, of which 65 were due to Surveillance targeted diseases, which includes 60 Pneumonia deaths, 02 Acute Viral Hepatitis deaths, 02 Meningitis deaths and 01 Pregnancy related death reported from Rabia balkhi sentinel site.
- No outbreak reported in week 01<sup>st</sup> 2019

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



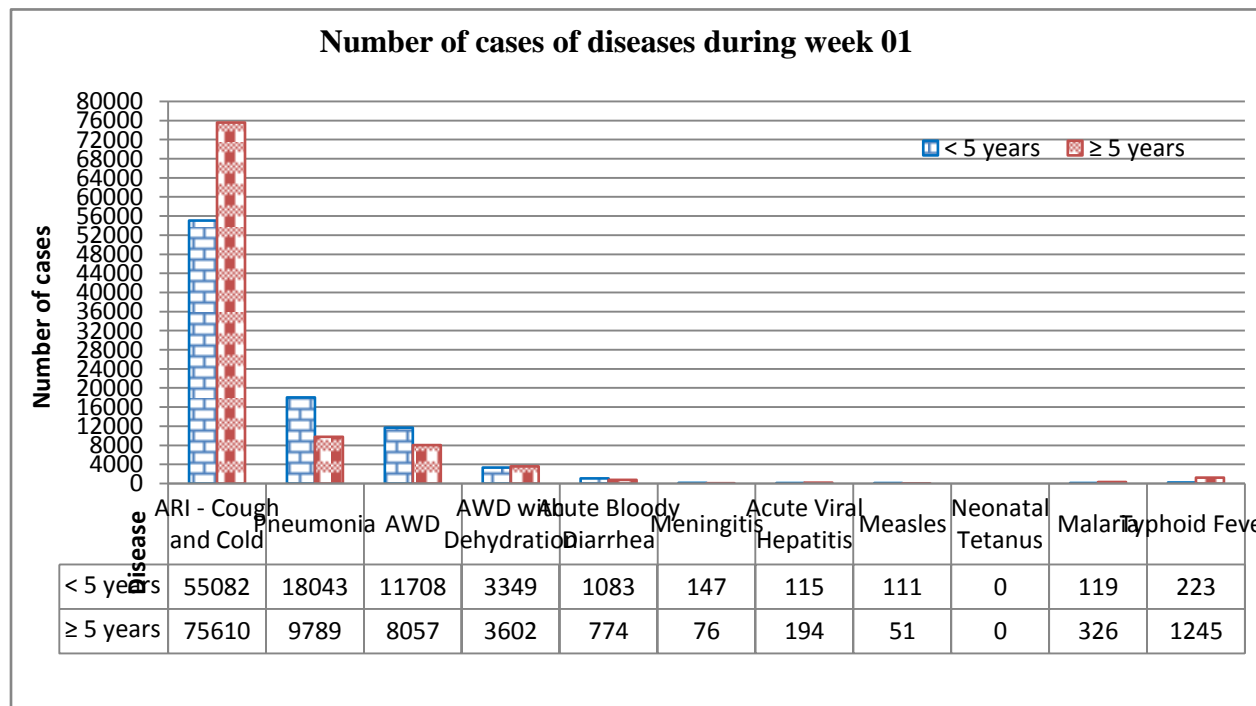
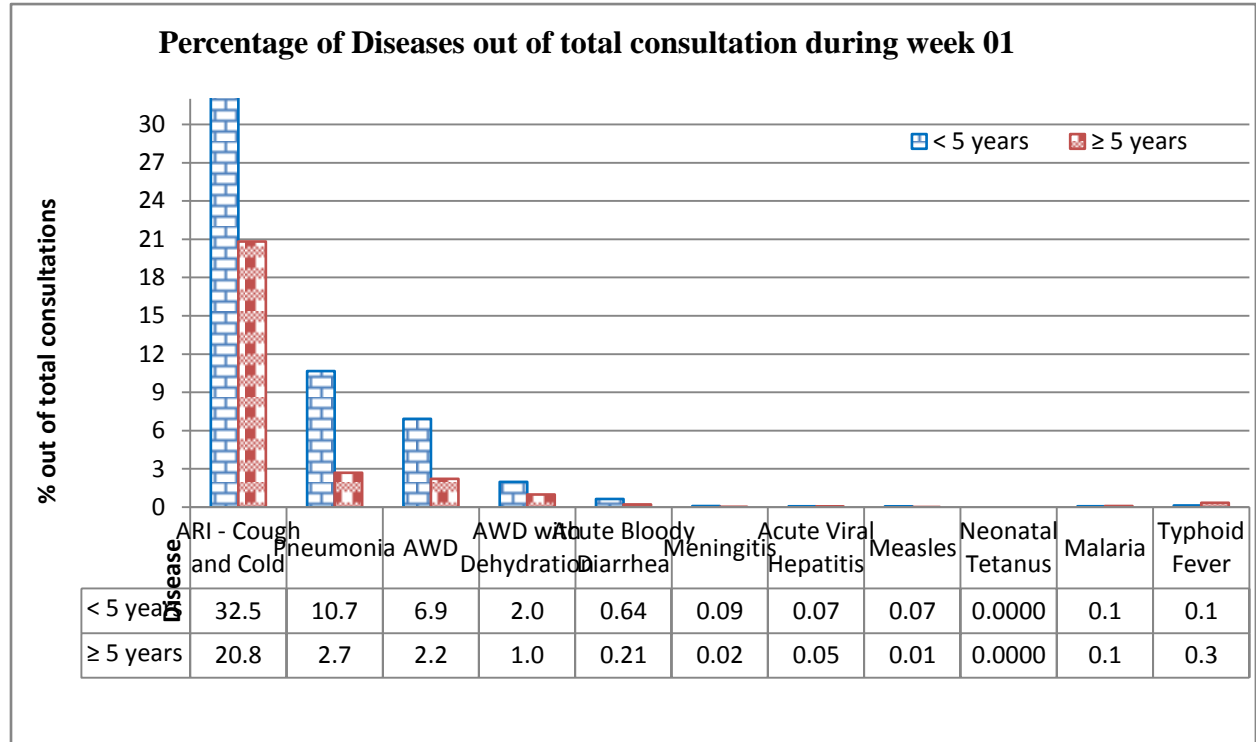
**Table 1: Coverage of NDSR Surveillance System**

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	<b>1,676</b>
HF covered by NDSR-Plus	32	74	405	1	47	15	<b>574</b>

**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**

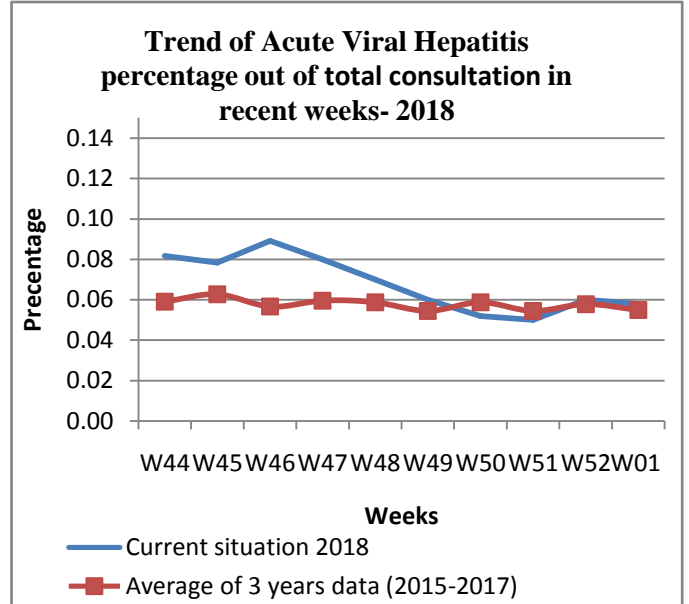
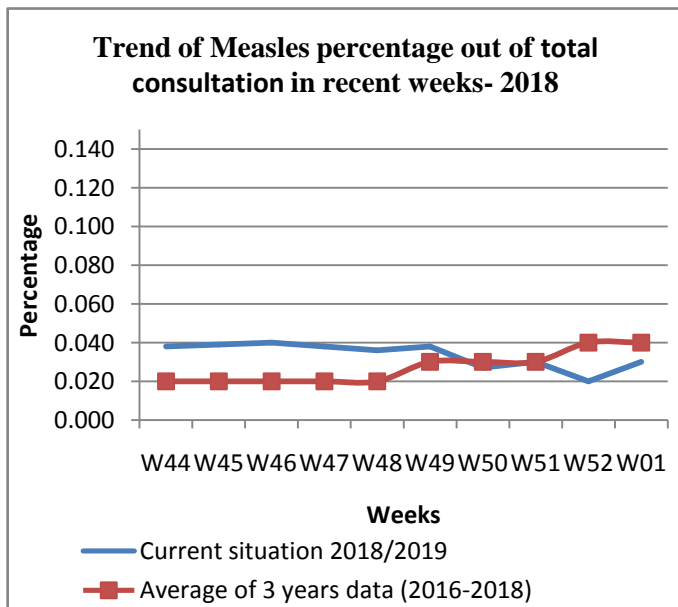
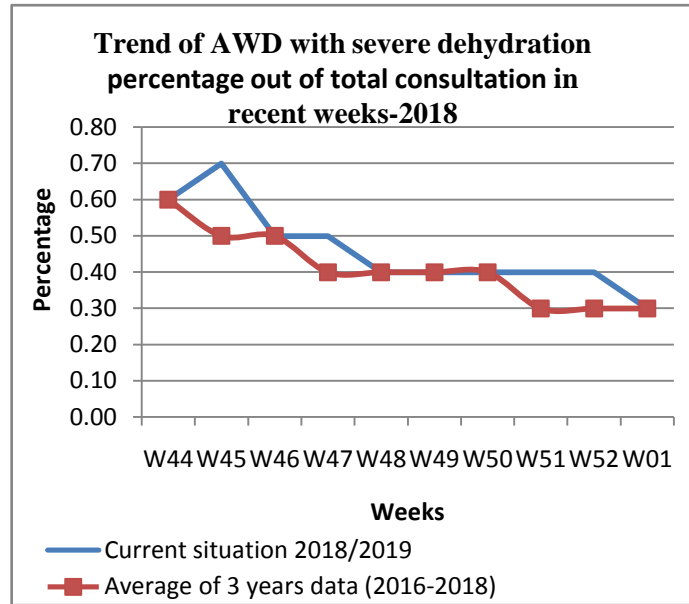
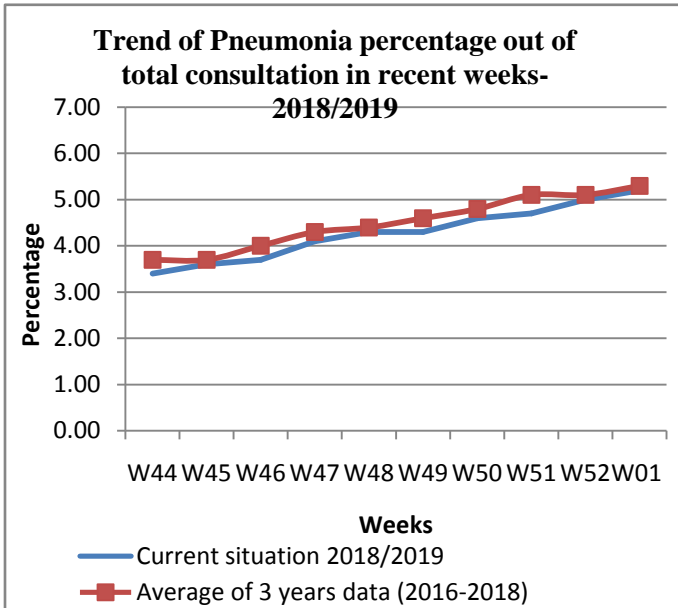


## Vaccine Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 01<sup>st</sup>, 2019

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	111	51	162	0	0	0	0.00
Pertussis	3	0	3	0	0	0	0.00

### Seasonal Diseases:



**Laboratory surveillance:**

In this week a total of 60 different specimens/samples were received by CPHL, all specimens are under process. (Follow up by the CPHL is going on).

**Influenza Surveillance activity**

In Epidemiologic week 1, 2019, 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, 370(9.2%) Sever Acute Respiratory Infections cases were reported and 58 % of them were among under 5 years old. The proportion of SARI cases increased than last week of 2018. There were 7 SARI associated deaths reported in this week and all of them among under five children.

In EPI week 01 our National Influenza Center (NIC) received 20 SARI and 28 ILI specimens.

**Recommendations:**

The increase in the cases and deaths due to ARI-Pneumonia/SARI is the cause of concern; this should be analyzed further in different levels and appropriate actions to be taken by the concerned departments.