



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
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National Disease Surveillance & Response (NDSR)

21 to 27 Oct 2018

Weekly Epidemiological Report-43rd

Summary:

- Out of 572 functional Surveillance sentinel sites, 555(97%) have submitted reports this week.
- Out of a total of 479,270 new consultations, 158,277 (33%) were due to Surveillance targeted diseases.
- Main causes of consultations this week were ARI (Cough & Cold, 94,924 cases, 19.8% out of total new consultations and Pneumonia, 15,792 cases, 3.3% out of total new consultations) and Acute Diarrheal Diseases, 43,489 cases, 9.1% out of total new consultations.
- A total of 196 deaths were reported this week, of which 43 were due to Surveillance targeted diseases, which includes 30 Pneumonia deaths, 07 Meningitis deaths, 03 Acute Diarrheal Disease deaths 02 Pregnancy related deaths reported from Charikar and Aibak sentinel sites and 01 Hemorrhagic fever death (from previous week cases).
- Total of 03 outbreaks reported this week; of which 02 were CCHF outbreaks reported from Herat and Logar provinces and 01 Scabies outbreak reported from Kunduz province.

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

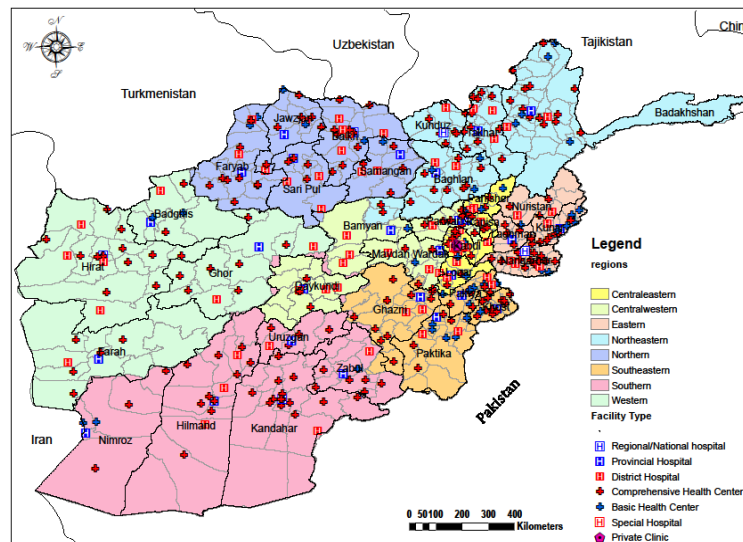


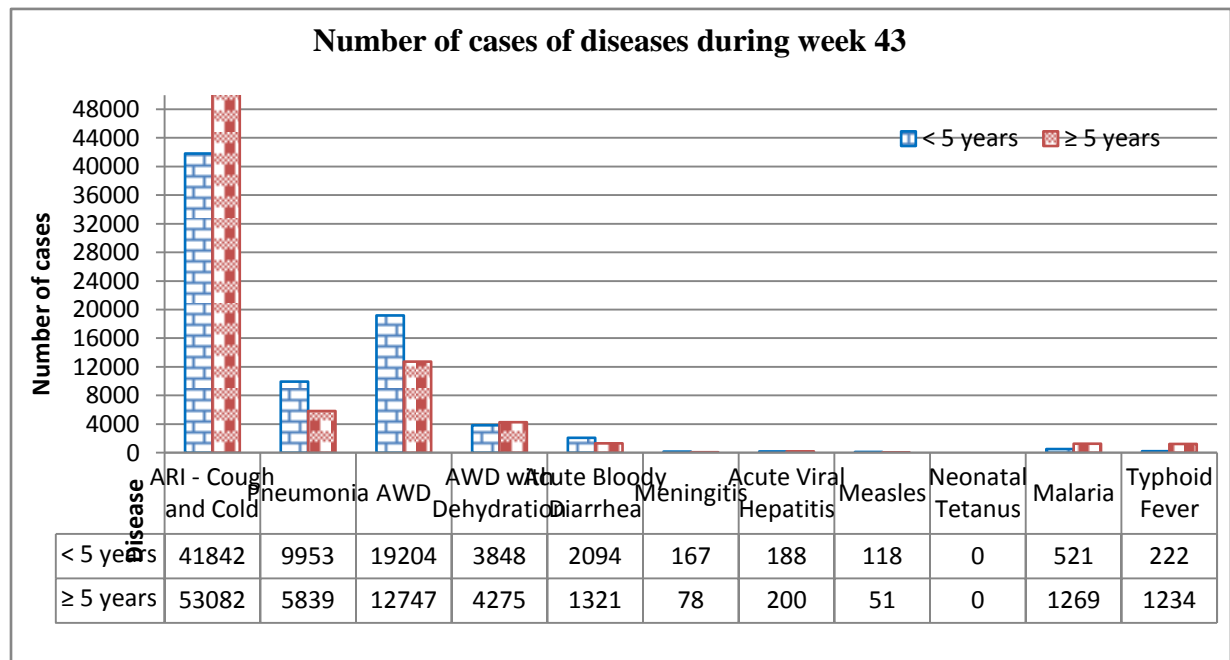
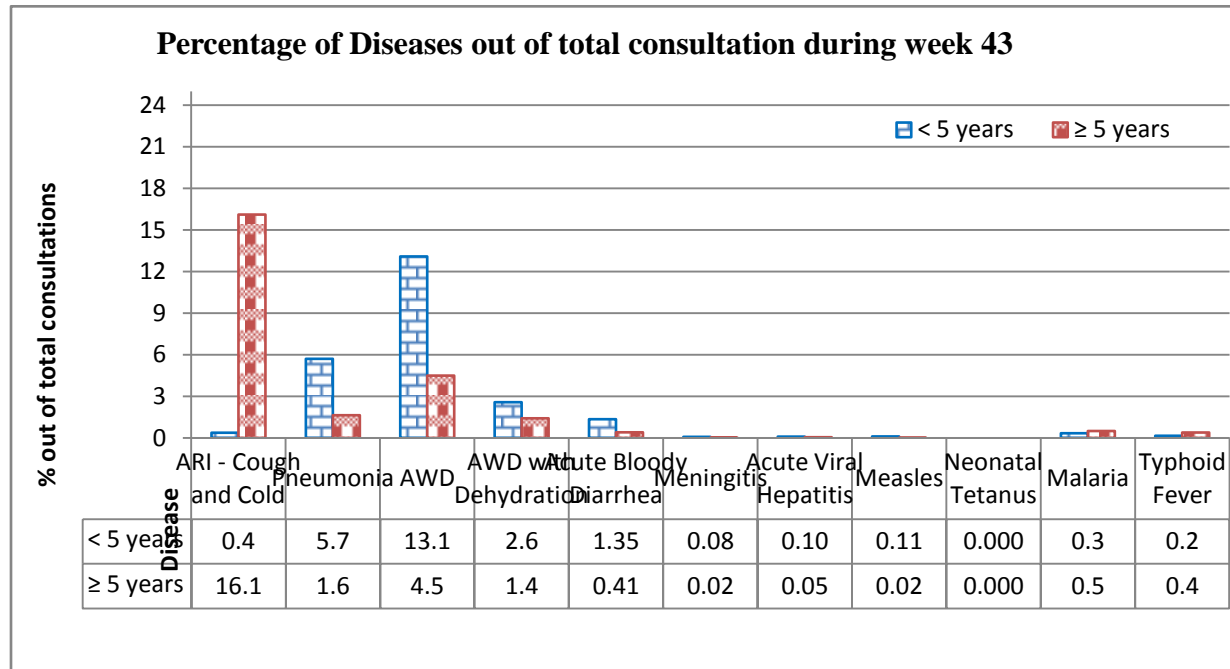
Table 1: Coverage of NDSR Surveillance System

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	404	1	46	15	572

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

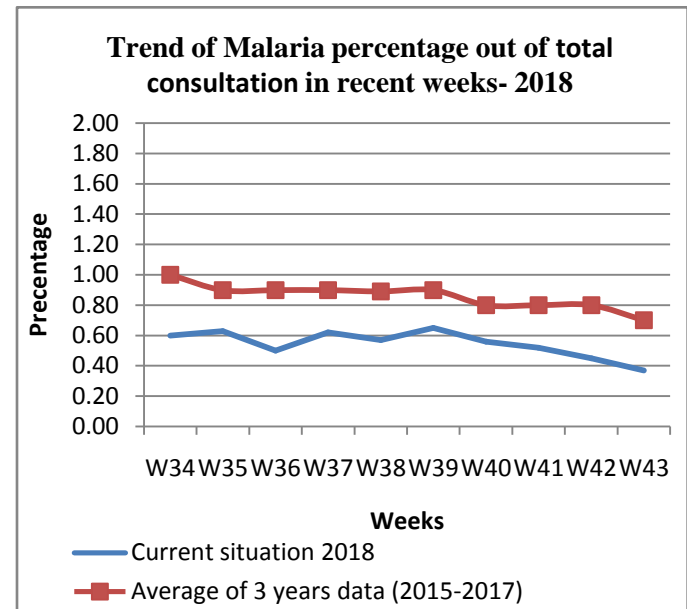
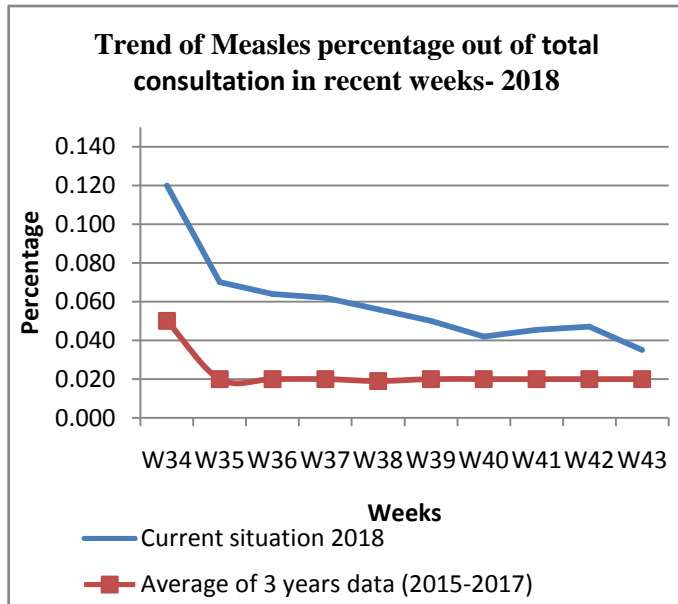
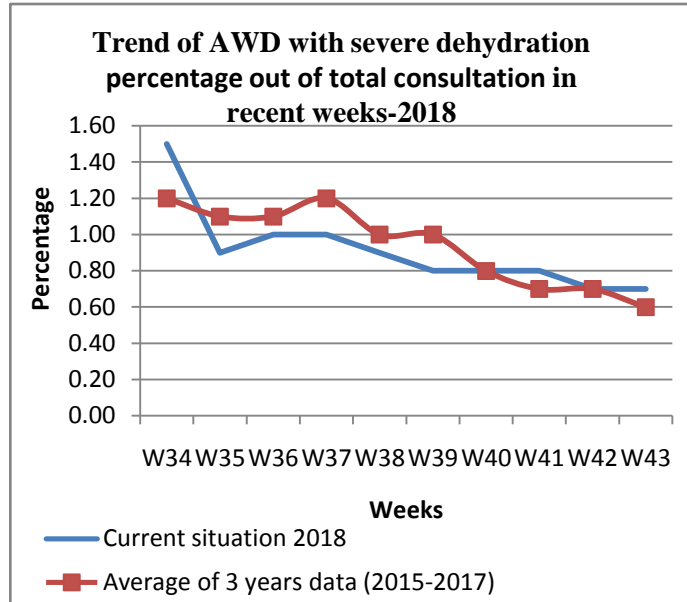
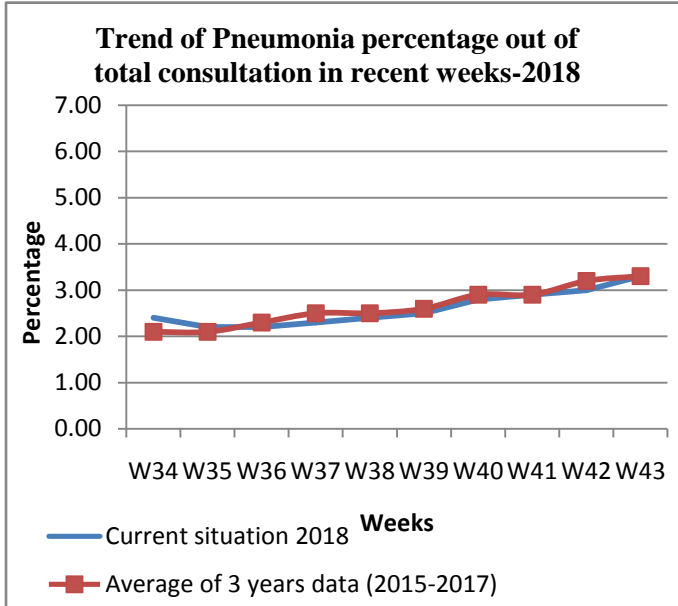


Vaccine Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 43rd, 2018

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	118	51	169	0	0	0	0.00
Pertussis	5	0	5	0	0	0	0.00

Seasonal Diseases:



During week 43rd total of 03 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
22 Oct 2018	Logar	Mohammad Agha	Waghjan	1	0	22 Y	Student	During this week the CCHF cases are decreased compared to the previous week and smoothly increased than the same week of the last year. All the cases were reported from central region, the cases were among student and teacher which had indirect contact with infected animals or the tissues of the infected animal,
27 Oct 2018	Herat	City	Area 4 th	1	0	65 Y	Teacher	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)
Scabies outbreak								
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take		
22 Oct 2018	Kunduz	Kunduz city	Khoja ghaltan	120	0	The outbreak was investigated, case management was done and health education session was conducted, the follow up will be continued.		

Figure 3: Outbreaks investigated during the week 43rd, 2018

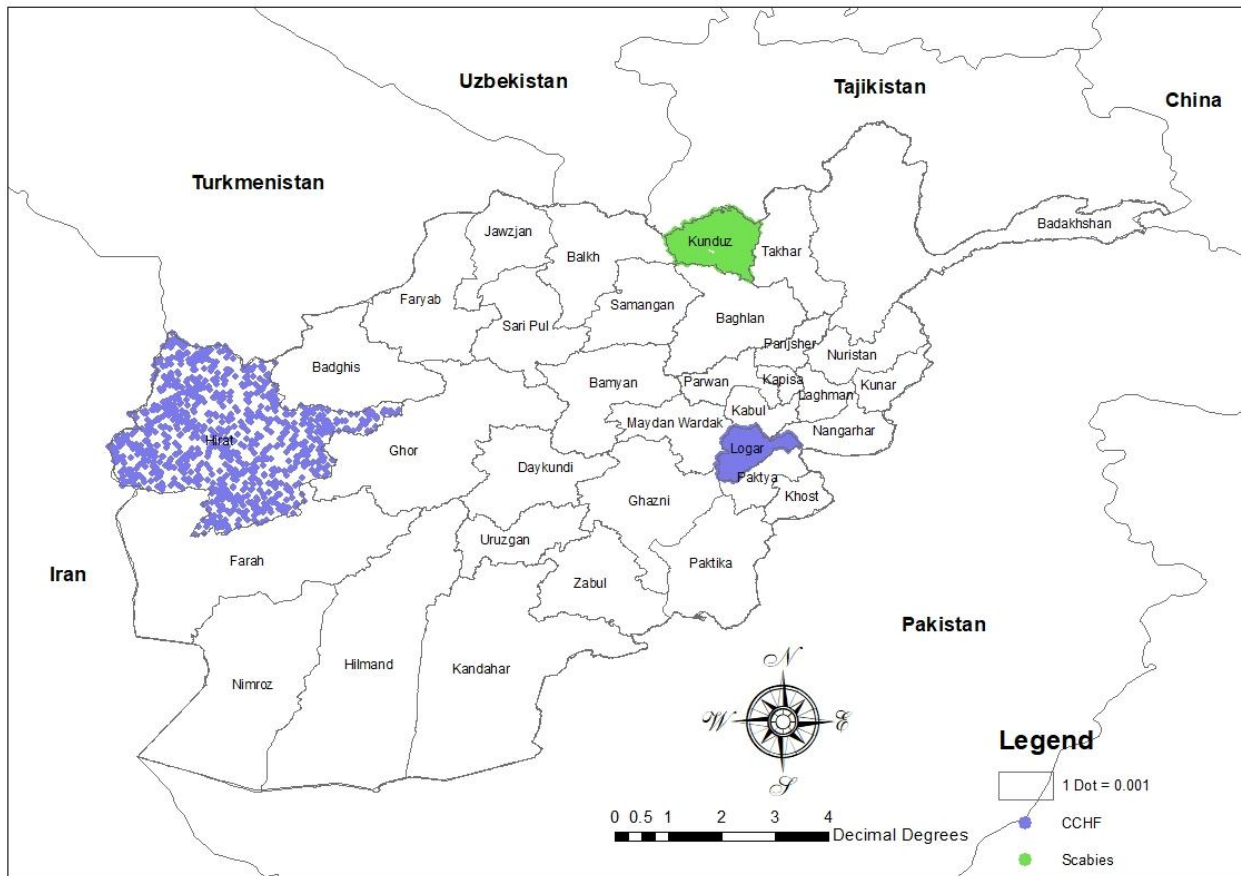


Table 2: Updates on the outbreaks reported during 2018 (31 Dec 2107 to 27 Oct 2018)

Disease/event	No. of outbreaks	No. of lab-confirmed Outbreaks	No. of cases	No. of deaths
CCHF	438	127	468	57
Measles	211	144	2785	19
Dog bites/Suspected Rabies	25	2	205	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	2	1	14	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	752	279	5668	81

Laboratory surveillance:

In this week a total of 89 different specimens/samples were received by CPHL, out of which 02 specimens were positive while the rest are under process. (Follow up by the CPHL is going on).

Influenza Surveillance activity

In Epidemiologic week 43, 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, 152 (5%) Sever Acute Respiratory Infections cases were reported and 52% of them were among under 5 years old. The proportion of SARI cases was increased than week 42. There were no SARI associated deaths reported in this week.

In EPI week 43 our National Influenza Center (NIC) received 48 SARI and 31 ILI specimens. No new case of influenza virus was detected by NIC in this week.

Recommendations:

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