



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)

14 to 20 Oct 2018

Weekly Epidemiological Report-42nd

Summary:

- Out of 572 functional Surveillance sentinel sites, 558(97.5%) have submitted reports this week.
- Out of a total of 470,937 new consultations, 156,056(33.1%) were due to Surveillance targeted diseases.
- Main causes of consultations this week were ARI (Cough & Cold, 91,580 cases, 19.4% out of total new consultations and Pneumonia, 13,943 cases, 3% out of total new consultations) and Acute Diarrheal Diseases, 46,147 cases, 9.8% out of total new consultations.
- A total of 249 deaths were reported this week, of which 33 were due to Surveillance targeted diseases, which includes 20 Pneumonia deaths, 08 Meningitis deaths, 03 Acute Diarrheal Disease deaths and 02 Pregnancy related deaths reported from Rabia balkhi and Faizabad sentinel sites.
- Total of 05 outbreaks reported this week; of which 04 were CCHF outbreaks reported from Kabul, Heart and Samangan provinces and 01 Food poisoning outbreak reported from Takhar province.

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

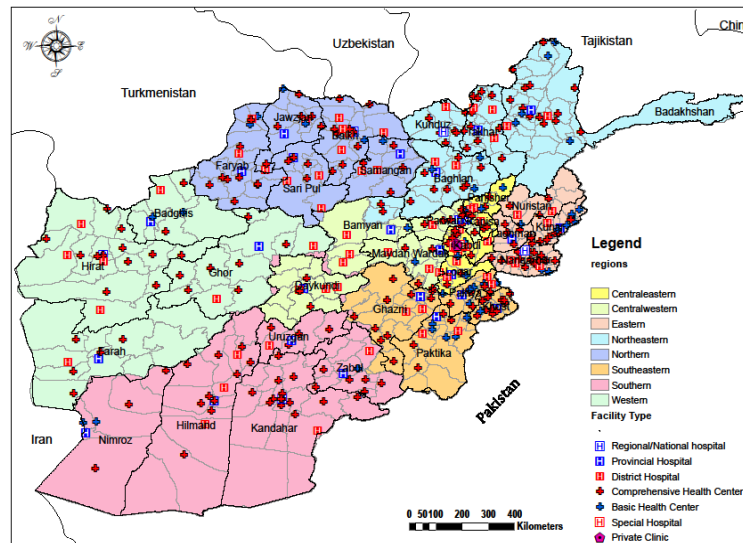


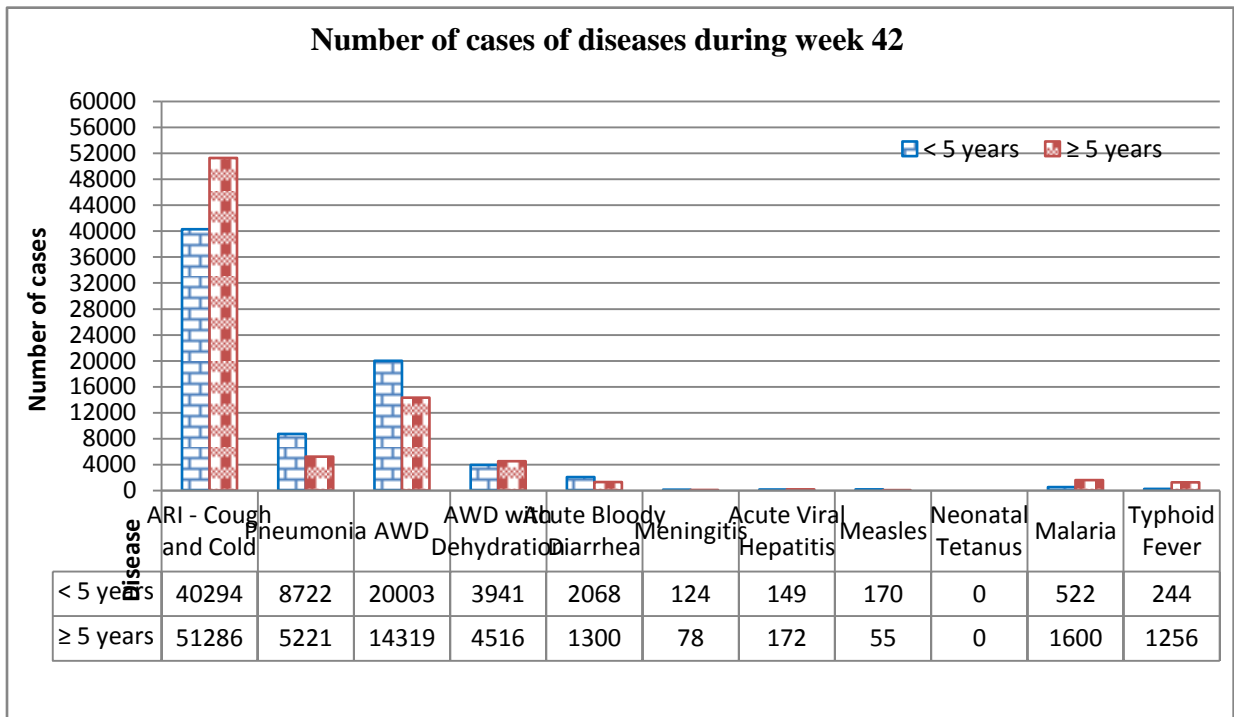
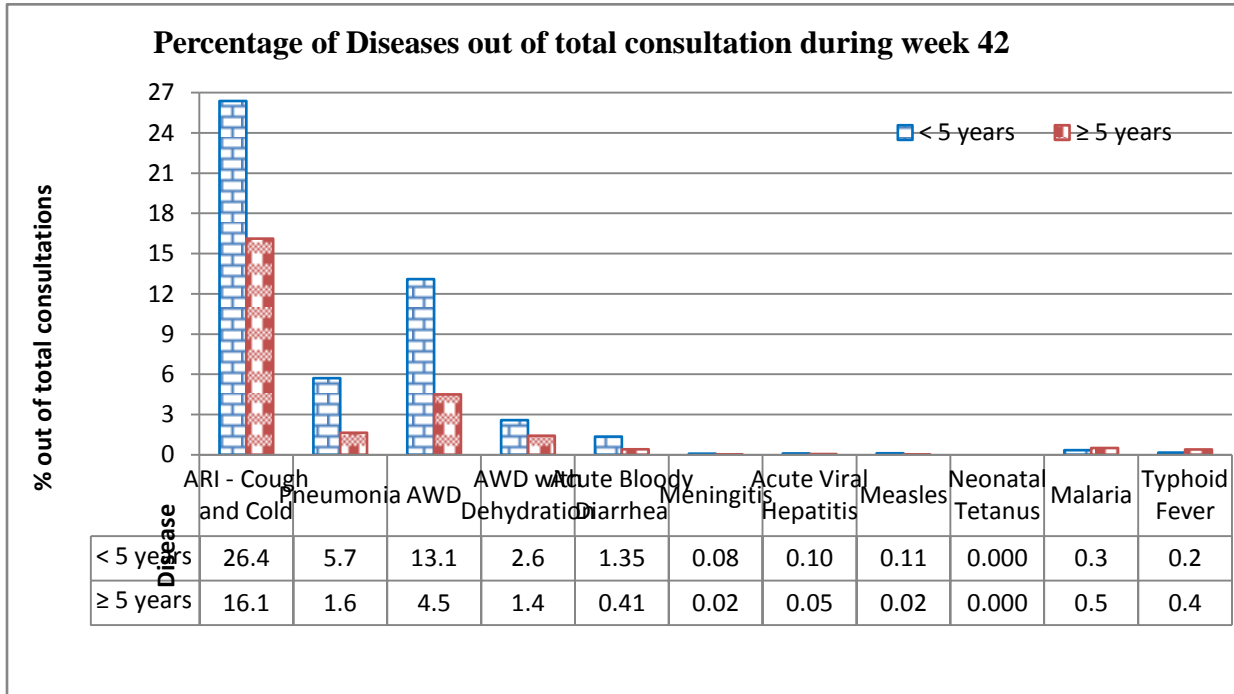
Table 1: Coverage of NDSR Surveillance System

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	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

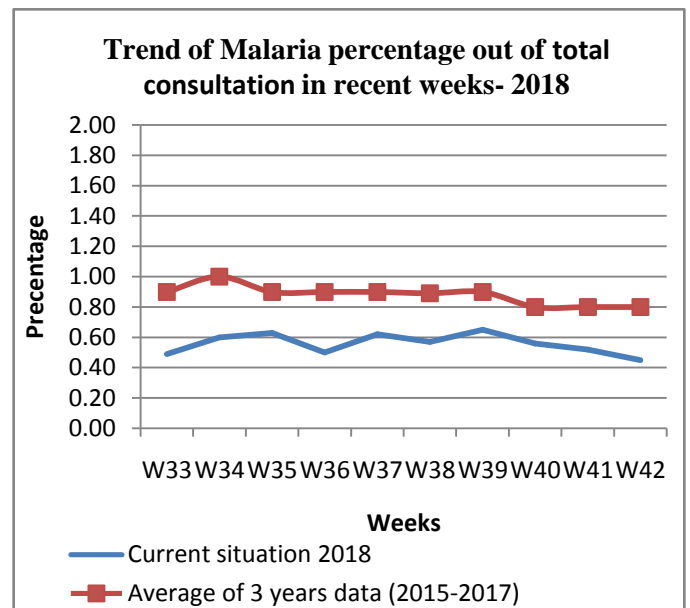
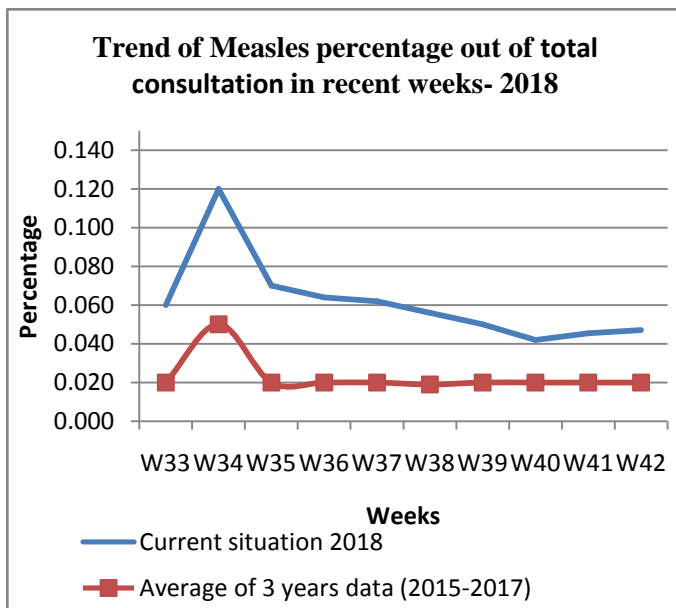
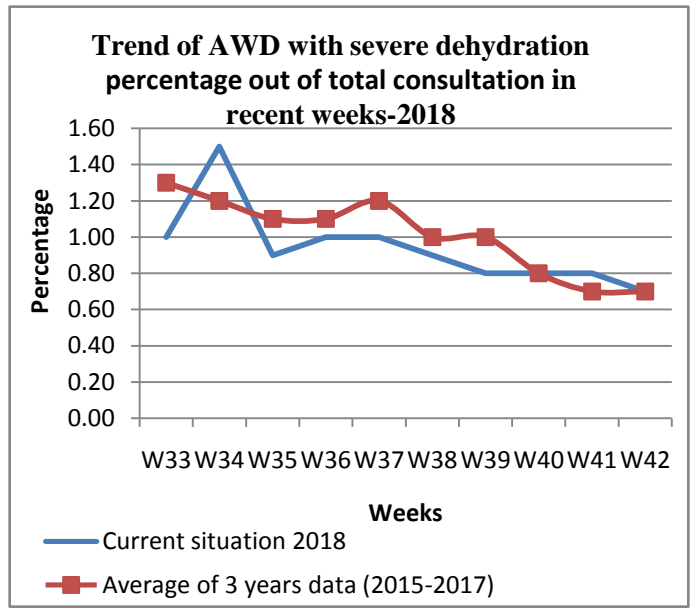
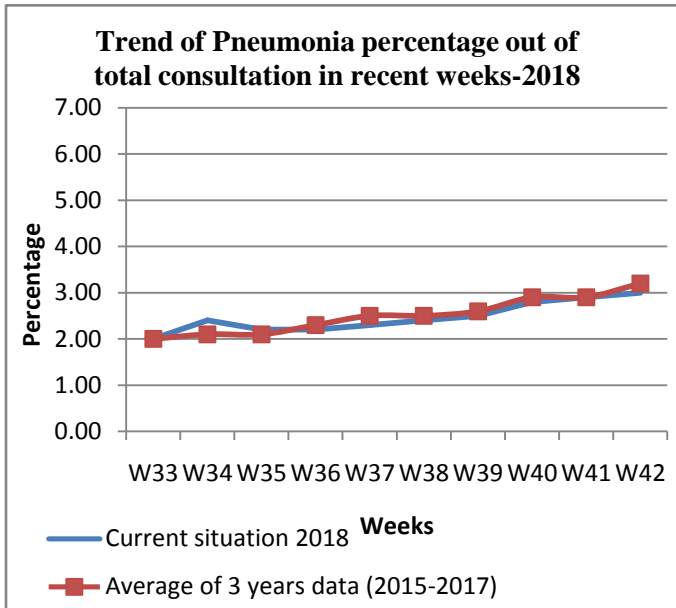


Vaccine Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 42nd, 2018

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	170	55	225	0	0	0	0.00

Seasonal Diseases:



During week 42nd total of 05 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 Oct 2018	Kabul	District 11	Kairkhana	1	0	43 Y	Housewife	<p>During this week the CCHF cases are decreased compared to the previous week and the same week of the last year. Majority of the cases were reported from Kabul province, especially from IDH, most of the cases were among animal dealer which had direct 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. No death was reported, the CFR of CCHF cases in this week was 0% (per 100)</p>
18 Oct 2018	Kabul	Ghazni	District 5	1	0	32 Y	Driver	
19 Oct 2018	Samangan	Dara Sof	Kunj	1	0	48 Y	Other	
21 Oct 2018	Hirat	Injill	NawinOlia	1	0	60 Y	Shepherd	
Food poisoning outbreaks								
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take		
18 Oct 2018	Takhar	Taloqan	Ishan Qishlaq	4	0	<p>Food Poisonings are the 6th common causes of outbreaks in 2018, all the said outbreaks are detected and diagnosed clinically, there is no proper lab facility to confirm the real cause of the these outbreaks, we recommend the strong public health lab to confirm the poisoning outbreaks.</p>		

Figure 3: Outbreaks investigated during the week 42nd, 2018

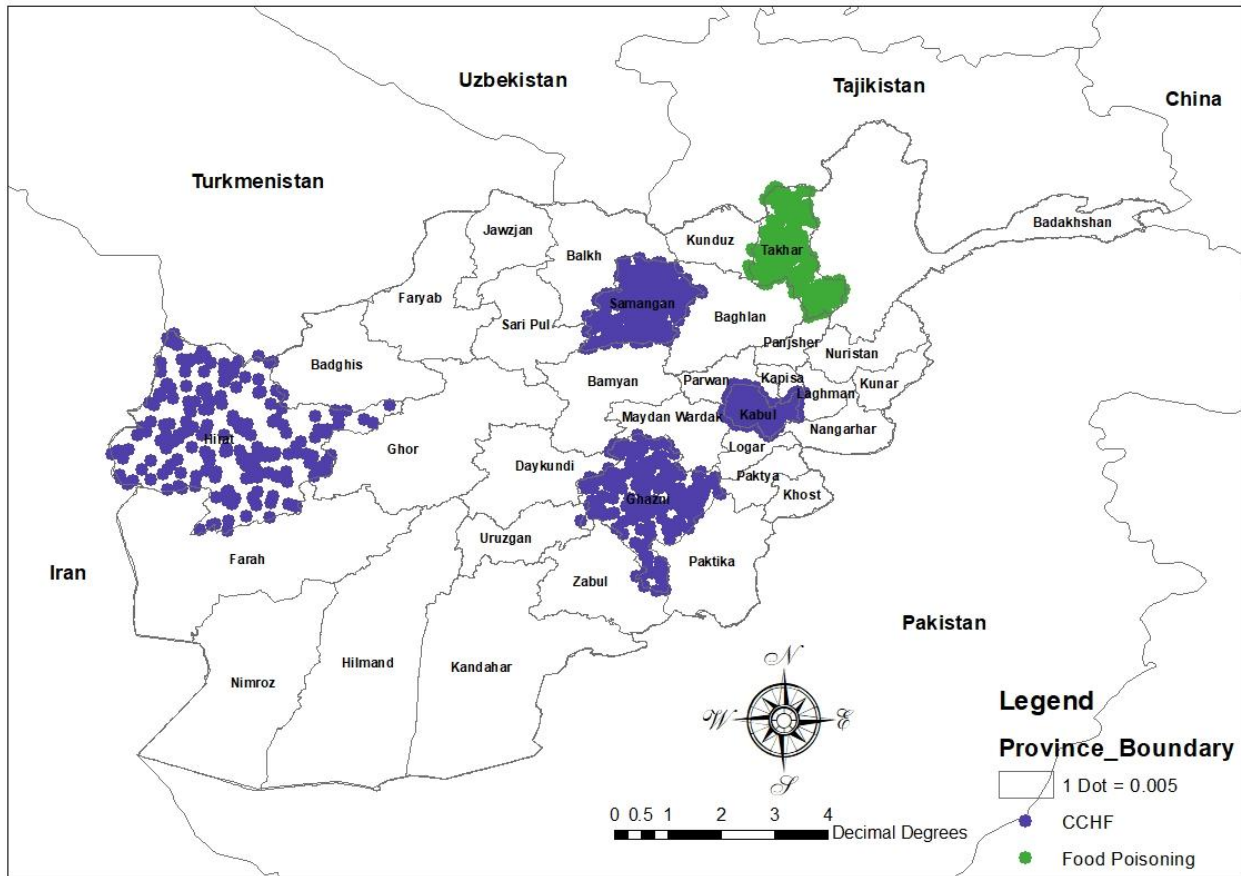


Table 2: Updates on the outbreaks reported during 2018 (31 Dec 2107 to 20 Oct 2018)

Disease/event	No. of outbreaks	No. of lab-confirmed Outbreaks	No. of cases	No. of deaths
CCHF	436	127	466	56
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	5	0	421	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	749	279	5546	80

Laboratory surveillance:

In this week a total of 79 different specimens/samples were received by CPHL, out of which 06 specimens were positive and 02 specimens were negative for Measles while the rest are under process. (Follow up by the CPHL is going on).

Influenza Surveillance activity

In Epidemiologic week 42, 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, 162 (4.5%) Severe Acute Respiratory Infections cases were reported and 64% of them were among under 5 years old. The proportion of SARI cases was increased among under five children than week 41, There were three SARI associated deaths reported in this week.

In EPI week 42 our National Influenza Center (NIC) received 46 SARI and 28 ILI specimens. No new case of influenza virus was detected by NIC in this week.

Recommendations:

The increase in the outbreaks due to CCHF is still the cause of concern; this should be analyzed further in different levels and appropriate actions to be taken by the concerned departments.