



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)

23 to 29 Sep2018

Weekly Epidemiological Report–39th

Summary:

- Out of 571 functional Surveillance sentinel sites, 558(97.7%) have submitted reports this week.
- Out of a total of 526,419 new consultations, 175,368(33.3%) were due to Surveillance targeted diseases.
- Main causes of consultations this week were ARI (Cough & Cold, 91,545 cases, 17.4% out of total new consultations and Pneumonia, 14,130 cases, 2.7% out of total new consultations) and Acute Diarrheal Diseases, 63,546 cases, 12.1% out of total new consultations.
- A total of 291deaths were reported this week, of which 39 were due to Surveillance targeted diseases, which includes 17 Pneumonia deaths, 05 Acute Diarrheal Disease deaths, 05 Meningitis deaths, 04 Pregnancy related deaths reported from Rabia balkhi, Sharan and Faizabd sentinel sites,03 Measles deaths, 03 Acute Viral Hepatitis deaths and 02 Hemorrhagic fever deaths.
- Total of 19 outbreaks reported this week; of which18 were CCHF outbreaks reported from Herat, Kabul, Kunduz, Logar and Parwan provinces and 01 Measles outbreak reported from Helmand province.

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

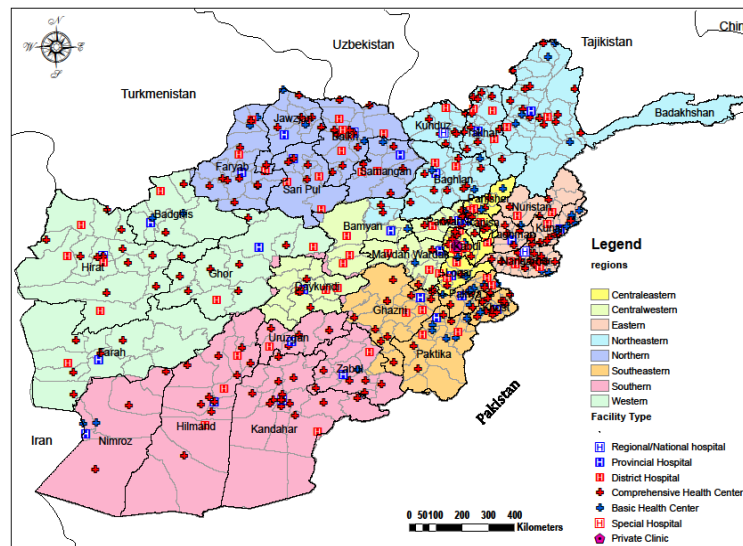


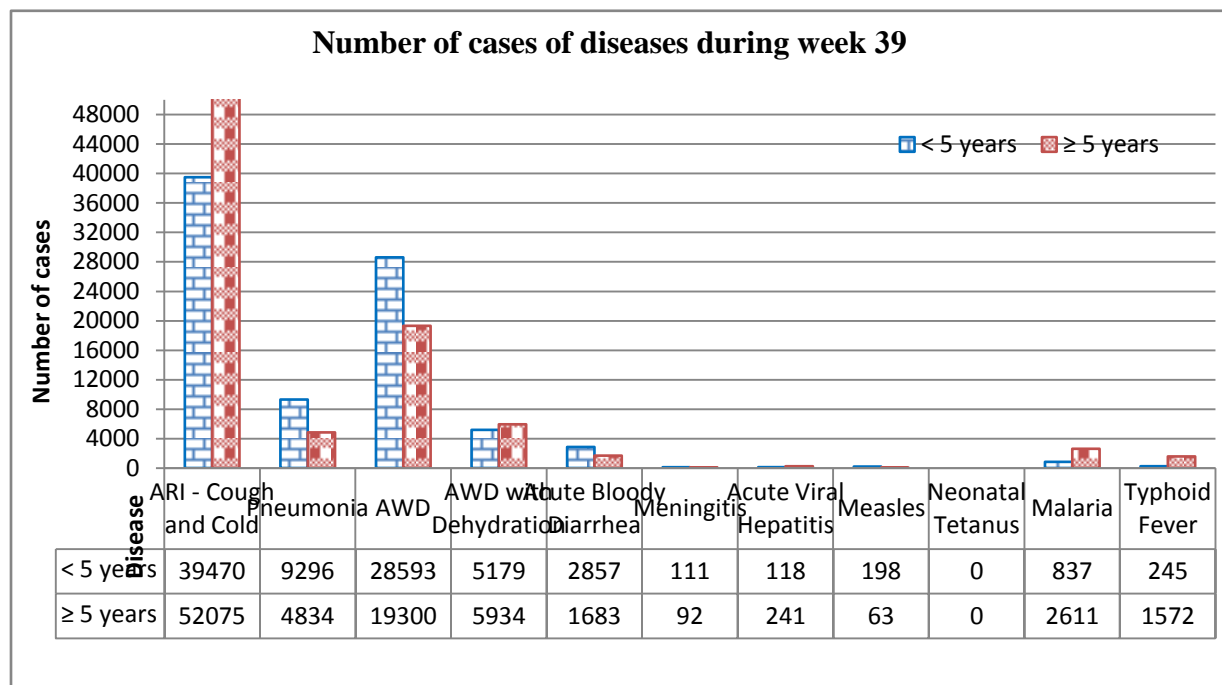
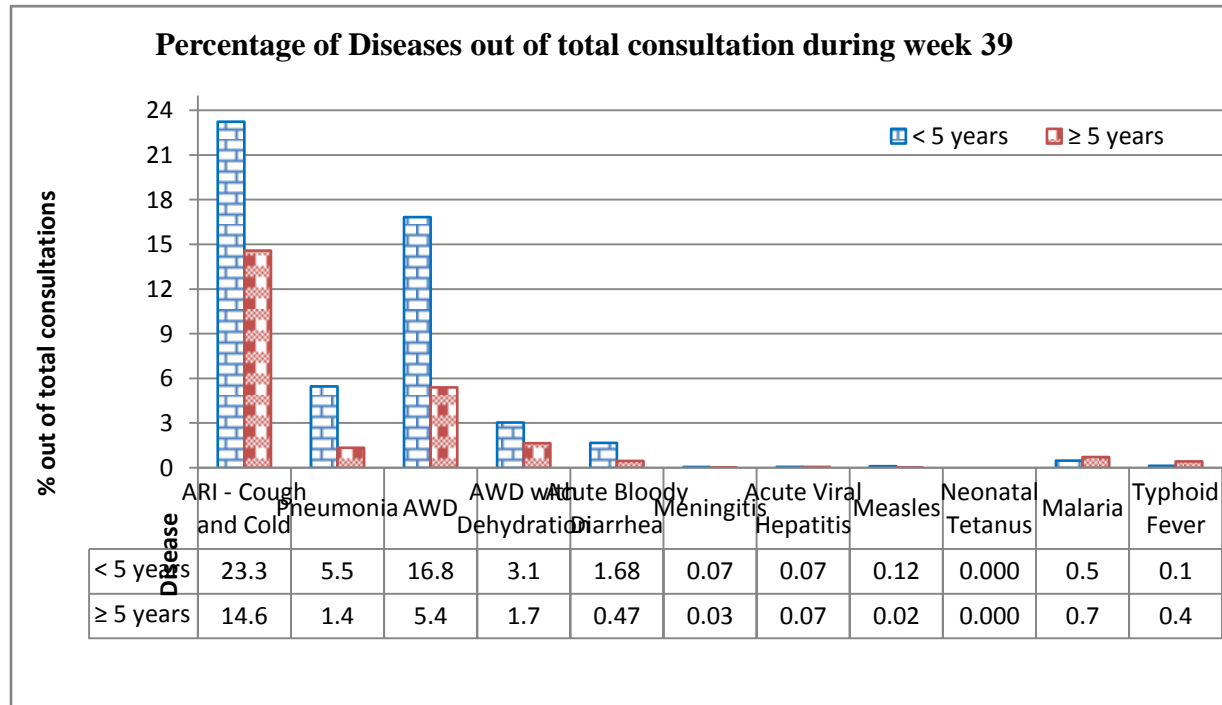
Table 1: Coverage of NDSR Surveillance System

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	45	15	571

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

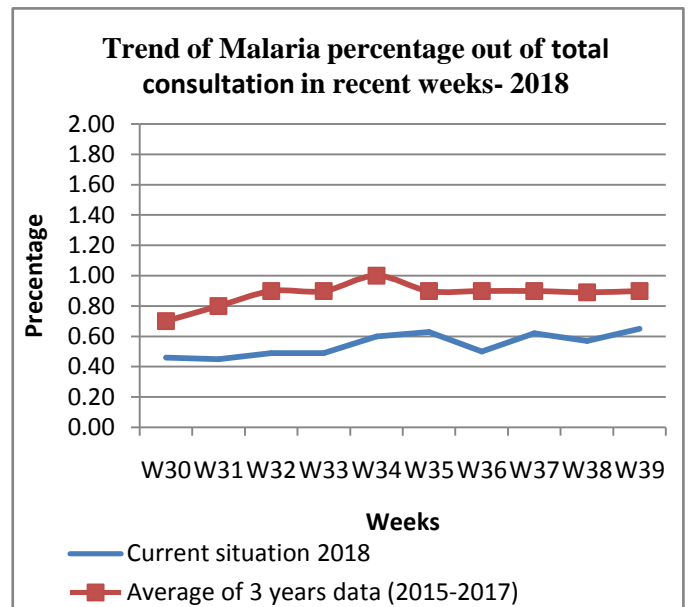
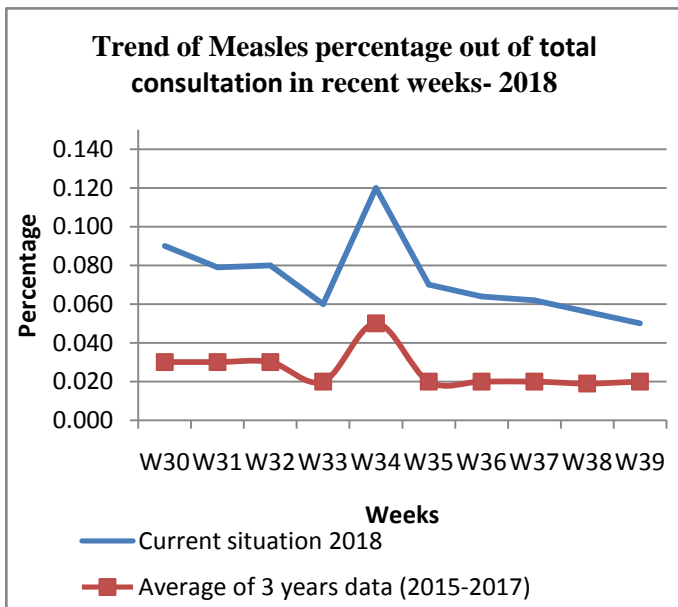
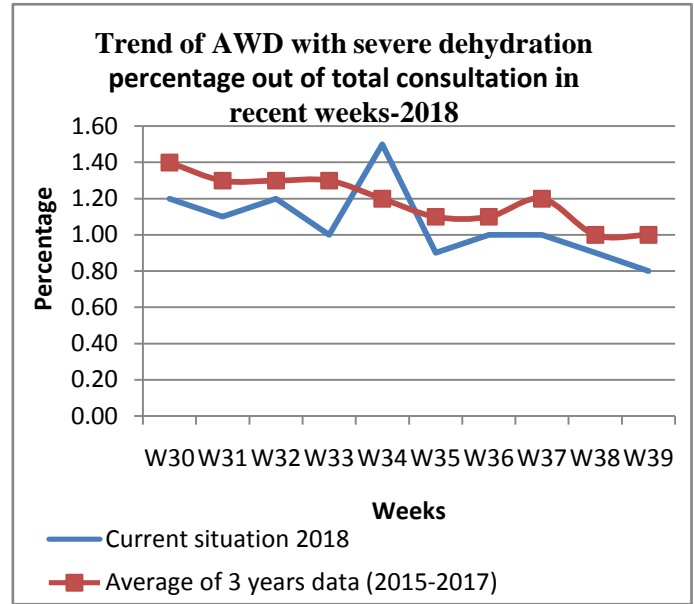
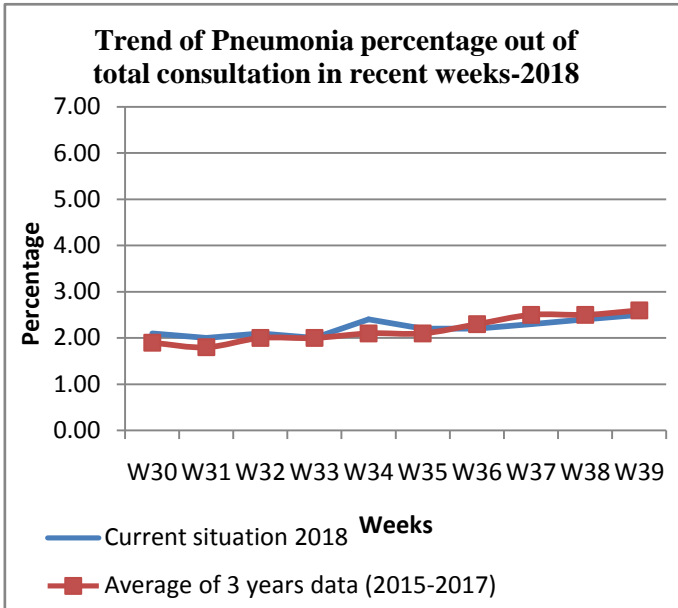


Vaccine Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 39th, 2018

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	198	63	261	3	0	3	1.15

Seasonal Diseases:



During week 39th total of 19 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		
23 Sep 2018	Parwan	Jabulsaraj	Gulbahar	1	1	30 Y	Jobless	<p>During this week the CCHF cases are smoothly increased compared to the previous week and significantly increased than the same week of the last year. Majority of the cases were reported from Heart, Kabul and Kunduz provinces, especially from IDH and Herat regional Hospital, most of the cases were among Butchers and housewives 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. The Case Fatality rate of CCHF cases in this week was 11.12 % (per 100)</p>		
24 Se 2018	Kabul	District 9	Pulicharkhi	1	0	40 Y	Housewife			
25 Sep 2018	Kabul	District 1	Shuhada	1	0	15 Y	Student			
25 Sep 2018	Kabul	District 6	Gulkhana	1	0	27 Y	unknown			
25 Sep 2018	Logar	0	0	1	0	23 Y	Butcher			
26 Sep 2018	Kabul	District 8	Barchi	1	0	26 Y	Housewife			
27 Sep 2018	Kunduz	District 2	0	1	0	57 Y	Farmer			
27 Sep 2018	Logar	Markaz	Ronmand	1	0	60 Y	Shopkeeper			
27 Sep 2018	Kunduz	0	0	1	0	23 Y	Butcher			
7 Sep 2018	Kunduz	0	0	1	0	44 Y	Butcher			
29 Sep 2018	Kabul	District	Darulaman	1	0	50 Y	Housewife			
24 Sep 2018	Hirat	Injil	AbJalil	1	1	50 Y	Farmer			
24 Sep 2018	Hirat	City	Area 4	1	0	32 Y	Traffic			
25 Sep 2018	Hirat	Injil	Shali	1	0	42 Y	Shepherd			
25 Sep 2018	Hirat	City	Area	1	0	21 Y	Butcher			
29 Sep 2018	Hirat	City	Area	1	0	23 Y	Butcher			
29 Sep 2018	Hirat	Injil	Rawasha	1	0	50 Y	Housewife			
30 Sep 2018	Hirat	Gulran	Totichi	1	0	35 Y	Housewife			
Measles outbreak										
Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Total deaths	coverage %	Vaccination	Recommendation/Action take
21 Sep 2018	Helmand	Nadali	Shorow Boldakan	14	0	14	0	0%	60%	<p>This year we had more cases and outbreaks of Measles compared to previous year, surveillance department shared this information with the relevant departments and programs for action and control.</p>

Figure 3: Outbreaks investigated during the week 39th, 2018

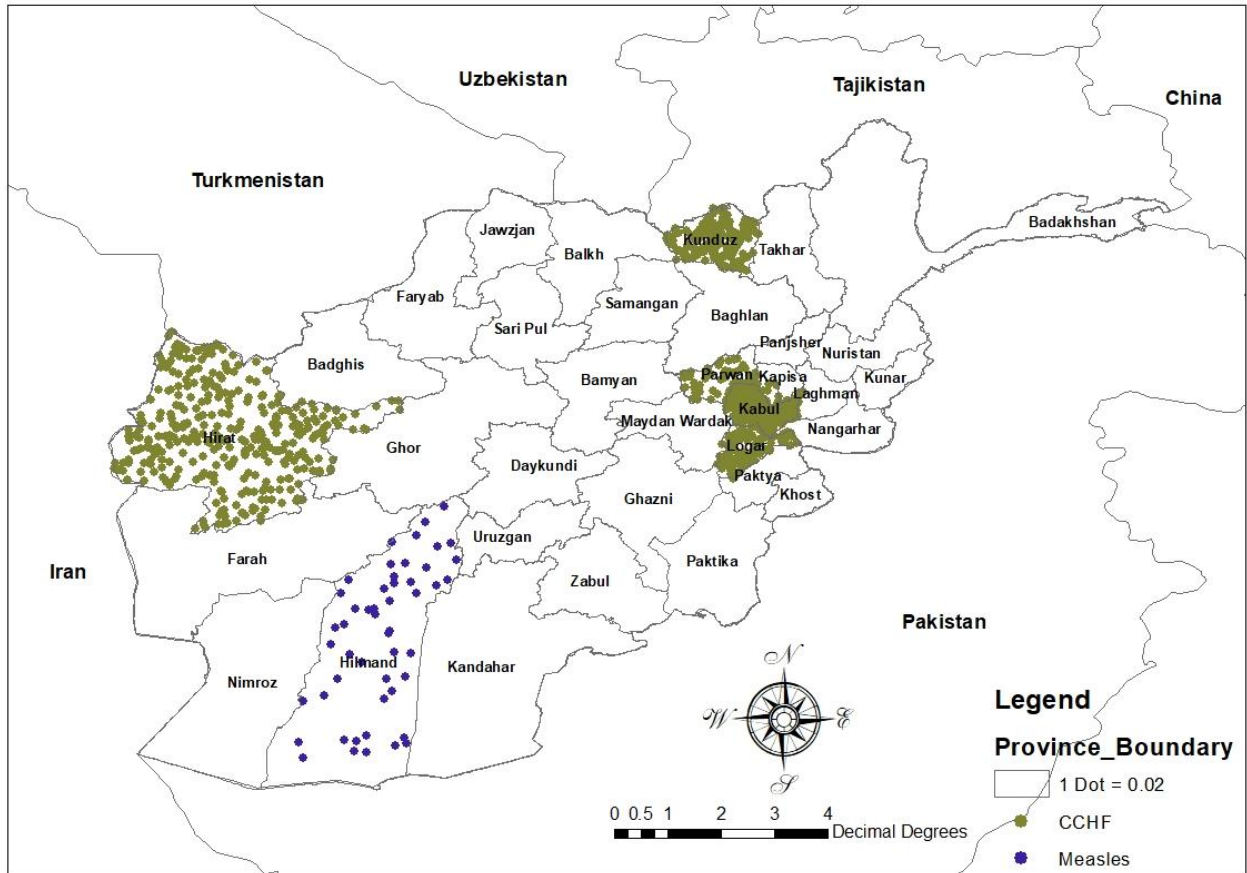


Table 2: Updates on the outbreaks reported during 2018 (31 Dec 2107 to 29 Sep 2018)

Disease/event	No. of outbreaks	No. of lab-confirmed Outbreaks	No. of cases	No. of deaths
CCHF	417	123	447	54
Measles	208	134	2767	19
Chickenpox	23	1	378	0
Dog bites/Suspected Rabies	23	2	184	2
Pertussis	19	1	142	0
Food poisoning	9	0	442	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
Petrol poisoning	1	0	3	1
Human Immunodeficiency Virus	1	0	1	0
Water poisoning	1	0	221	0
Fly Bite	1	0	5	0
Meningitis	1	1	3	1
Mumps	1	0	5	0
Diphtheria	1	0	3	1
Grand Total	723	264	5376	78

Laboratory surveillance:

In this week a total of 78 different specimens/samples were received by CPHL, out of which 03 specimens were positive and 17 specimens were negative for CCHF and 08 specimens were positive and 03 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 39, 2018, we have received Epidemiological reports from 9 out of 9 sentinel sites. Out of all new hospital admission, 144(4%) Sever Acute Respiratory Infections cases were reported and 68% of them were among under 5 years old . The proportion of SARI cases was same as week 38. No SARI associated deaths were reported in this week.

In EPI week 32 our National Influenza Center (NIC) received 36 SARI and 22 ILI specimens. No new case of influenza virus was detected by NIC in this week.

Recommendations:

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