



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)

16 to 22 Sep2018

Weekly Epidemiological Report–38<sup>th</sup>

Summary:

- Out of 571 functional Surveillance sentinel sites, 556(97.3%) have submitted reports this week.
- Out of a total of 507,451 new consultations, 168,435(33.2%) were due to Surveillance targeted diseases.
- Main causes of consultations this week were ARI (Cough & Cold, 84,662 cases, 16.7% out of total new consultations and Pneumonia, 12,466 cases, 2.5% out of total new consultations) and Acute Diarrheal Diseases, 65,335 cases, 12.9% out of total new consultations.
- A total of 239 deaths were reported this week, of which 39 were due to Surveillance targeted diseases, which includes 23 Pneumonia deaths, 06 Meningitis deaths, 03 Pregnancy related deaths reported from Aqcha, Faizabad and Khairkot sentinel sites, 02 Measles deaths, 02 Acute Diarrheal Disease deaths, 02 Hemorrhagic fever deaths and one Acute Viral Hepatitis.
- Total of 21 outbreaks reported this week; of which 17 were CCHF outbreaks reported from Heart, Kabul, Nangarhar, Logar, Laghman, Kunduz, Khost, Balkh and Jauzjan provinces, 02 Dog bite/Sus. Rabies outbreaks from Parwan and Kapisa provinces, one Measles outbreak reported from Laghman and one Food poisoning outbreak reported from Badakhshan province.

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

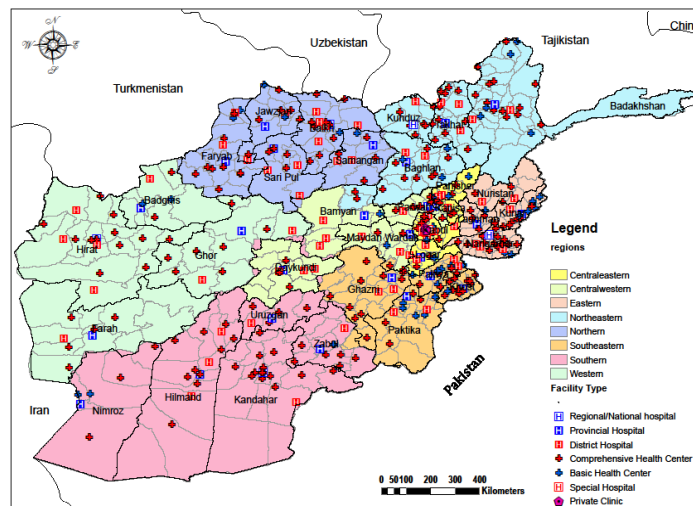


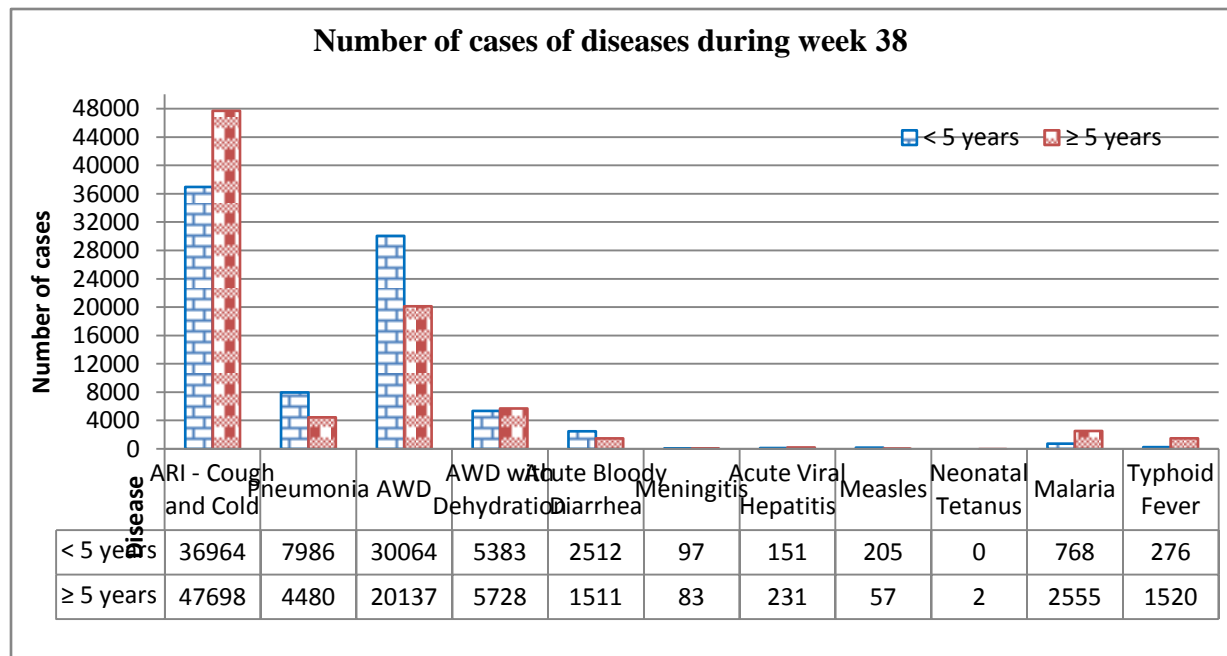
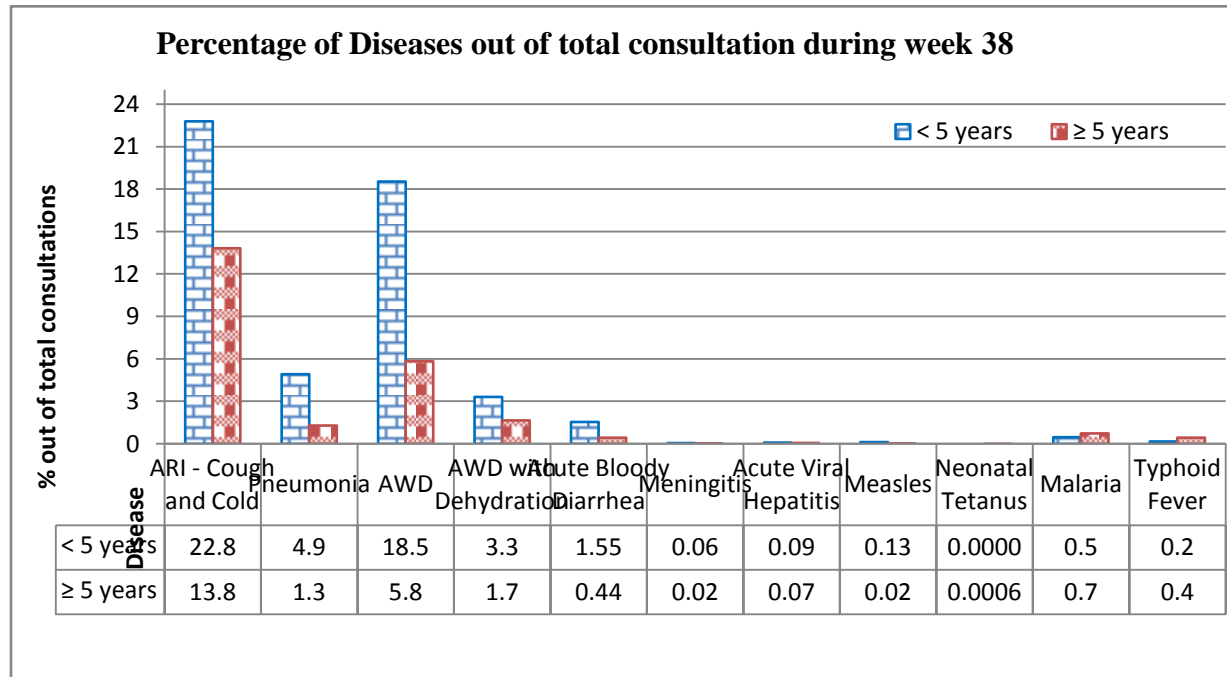
Table 1: Coverage of NDSR Surveillance System

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	<b>1,676</b>
HF covered by NDSR-Plus	32	74	404	1	45	15	<b>571</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**

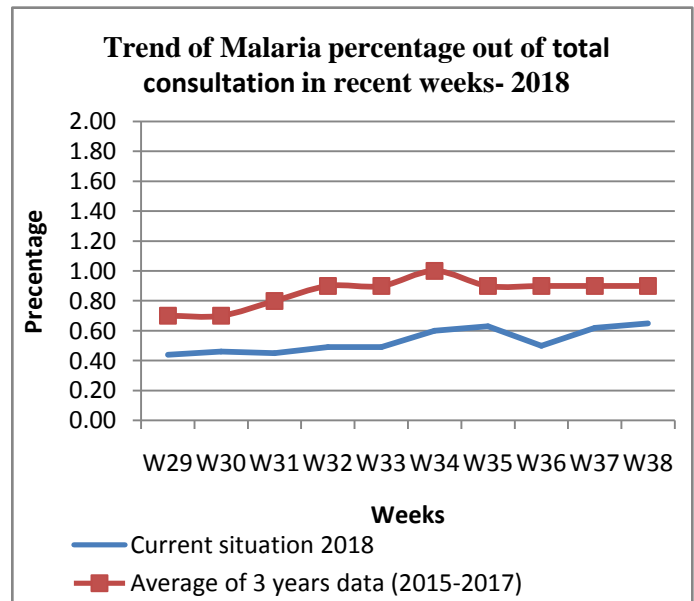
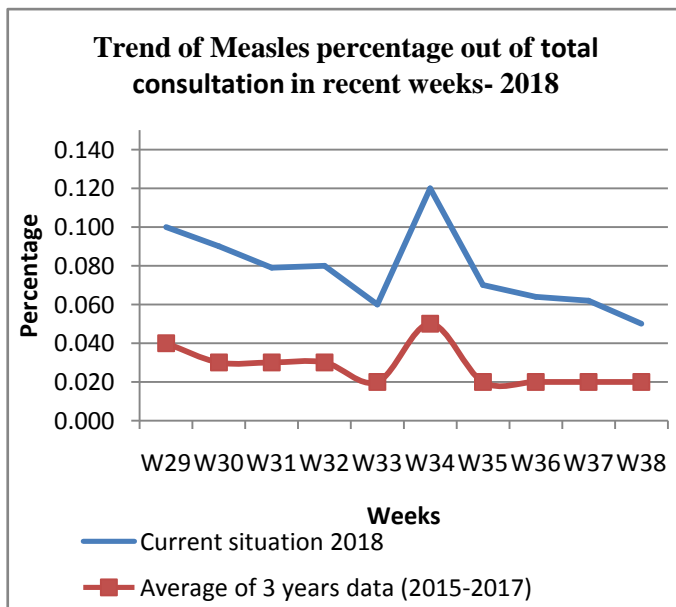
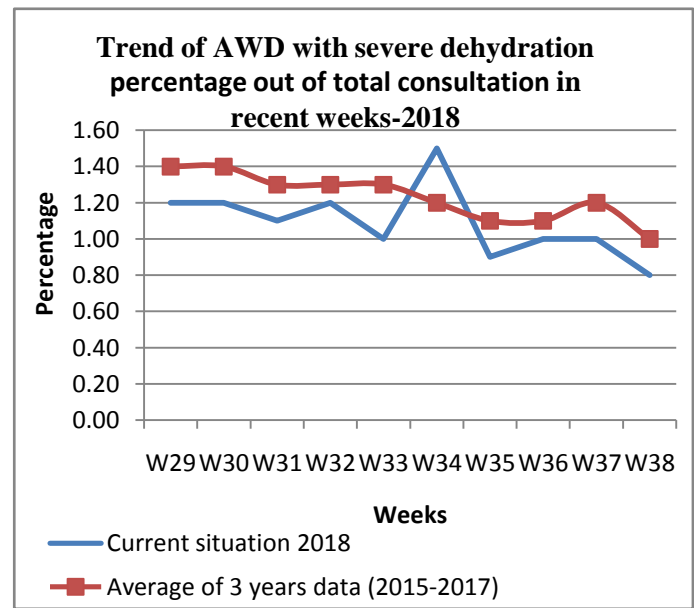
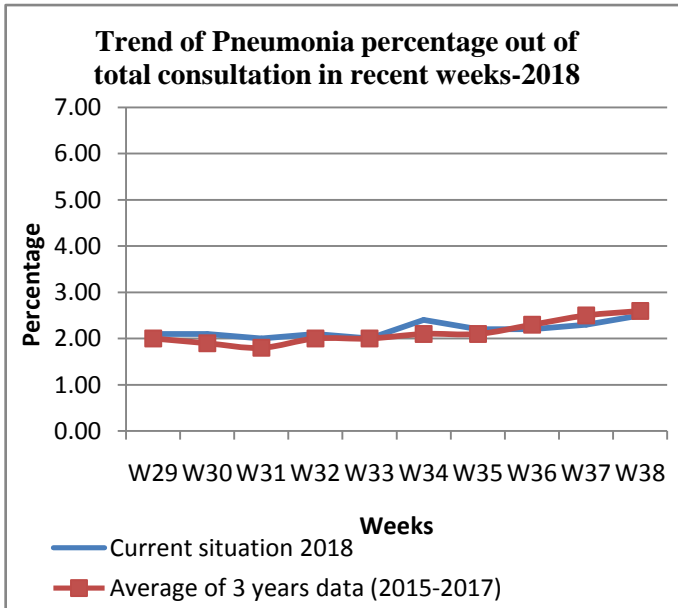


## Vaccine Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 38<sup>th</sup>, 2018

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	205	57	262	2	0	2	0.76
Pertussis	1	0	1	0	0	0	0.00
Tetanus	0	2	2	0	0	0	0.00

### Seasonal Diseases:



During week 38<sup>th</sup> total of 21 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	
17 Sep 2018	Kabul	District 5	Khoshal khan	1	0	45 Y	Housewife	<p>During this week the CCHF cases are same as the previous week but smoothly increased than the same week of the last year.</p> <p>Majority of the cases were reported from Heart and Kabul provinces, especially from IDH and Herat regional Hospital, hospital, most of the cases were among housewife, farmers and animal dealer which had direct contact with infected animals or the tissues of the infected animal,</p> <p>Case management was done for all the cases, health education sessions were conducted as well.</p> <p>The Case Fatality rate of CCHF cases in this week was 11.8 % (per 100)</p>	
17 Sep 2018	Jauzjan	Aqcha	Guzarkari m	1	0	22 Y	Baker		
17 Sep 2018	Kunduz	Khan Abad	Aqtash	1	0	35 Y	Farmer		
18 Sep 2018	Logar	Barakibarak	Qarya Yami	1	1	35 Y	Farmer		
18 Sep 2018	Kabul	District 5	Char Dehy	1	0	27 Y	Worker		
18 Sep 2018	Balkh	District 2	GuzarMandaw	1	0	54 Y	Worker		
18 Sep 2018	Kabul	District 9	Pol Charkhi	1	0	28 Y	Farmer		
20 Sep 2018	Kabul	Bagrami	KochaHeratBelal	1	0	28 Y	Butcher		
20 Sep 2018	Logar	Markaz	Esara	1	0	55 Y	Health staff		
22 Sep 2018	Khost	Ali shir	0	1	0	53 Y	Jobless		
20 Sep 2018	Nangarhar	Jalalabad	ZeraniCheknawari	1	0	50 Y	Housewife		
20 Sep 2018	Laghman	Mehterlam	Mehterlam	1	1	20 Y	Housewife		
22 Sep 2018	Nangarhar	Behsood	Samarkhil	1	0	45 Y	Housewife		
19 Sep 2018	Hirat	City	Area 5 <sup>th</sup>	1	0	35 Y	Housewife		
20 Sep 2018	Hirat	City	Area 6 <sup>TH</sup>	1	0	45 Y	Worker		
19 Sep 2018	Hirat	Guzara	Chaka	1	0	45 Y	Housewife		
19 Sep 2018	Hirat	Guzara	Poshtani	1	0	36 Y	Shepherd		
Dog bite/suspected Rabies									
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take			
20 Sep 2018	Kapisa	Kohistan 2	Sarband	10	0	<p>The outbreaks was investigated, the cases were treated, vaccination was advised and health education was provided,</p> <p>Relevant programs are requested to implement the preventive and control measures for prevention of further spread.</p>			
19 Sep 2018	Parwan	Siagerd	Hayat khil	3	0				
Measles outbreak									

Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Total deaths	coverage %	Vaccination	Recommendation/Action take
18 Sep 2018	Laghman	Alishing	Katwalk handoo	8	2	10	0	40%	80	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.
<b>Food Poisoning outbreak</b>										
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take				
18 Sep 2018	Badakhshan	Yaftal	Shakariab	14	0	Food Poisonings are the 6 <sup>th</sup> common causes of outbreaks in 2018 in the country, majority of the poisoning related 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.				

Figure 3: Outbreaks investigated during the week 38<sup>th</sup>, 2018

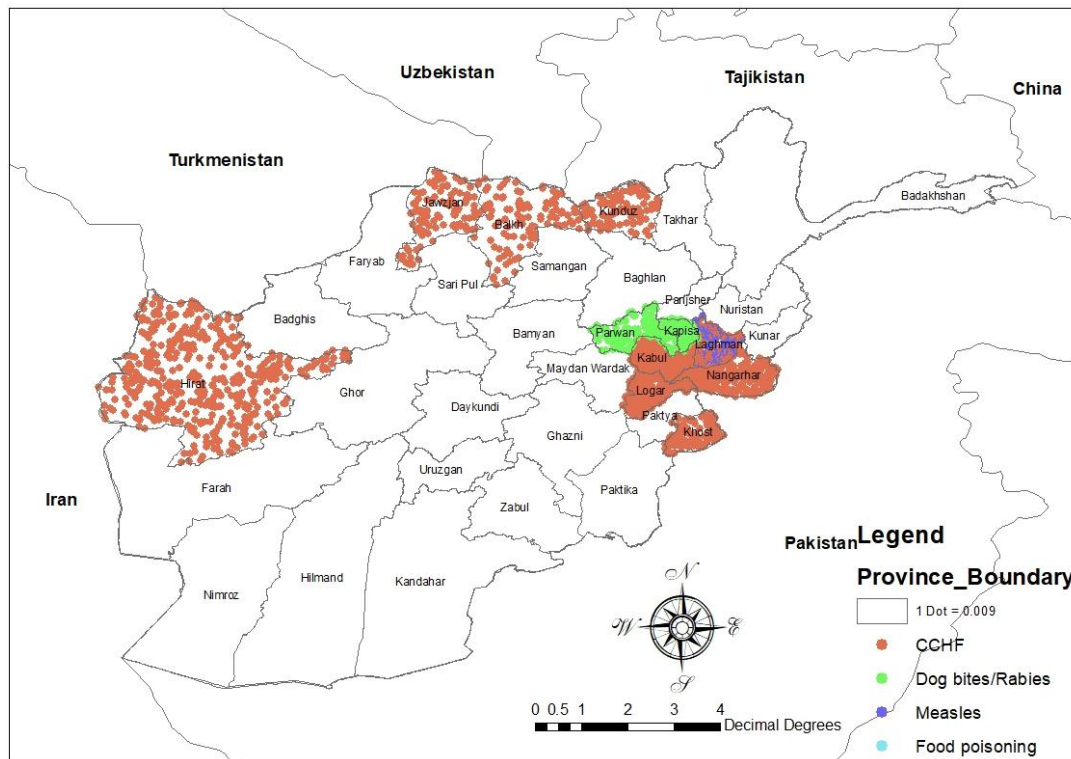


Table 2: Updates on

The outbreaks reported during 2018 (31 Dec 2107 to 22 Sep 2018)

<b>Disease/event</b>	<b>No. of outbreaks</b>	<b>No. of lab-confirmed Outbreaks</b>	<b>No. of cases</b>	<b>No. of deaths</b>
CCHF	399	120	429	52
Measles	207	134	2753	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
<b>Grand Total</b>	<b>704</b>	<b>261</b>	<b>5344</b>	<b>76</b>

### **Laboratory surveillance:**

In this week a total of 108 different specimens/samples were received by CPHL, out of which 06 specimens were positive and 16 specimens were negative for CCHF and 08 specimens were positive and 05 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 38, 2018, we have received Epidemiological reports from 9 out of 9 sentinel sites. Out of all new hospital admission, 154(4%) Sever Acute Respiratory Infections cases were reported and 66% of them were among under 5 years old. The proportion of SARI cases was slightly decreased than week 37. Also 03 SARI associated deaths were reported in this week.

In EPI week 38 our National Influenza Center (NIC) received 36 SARI and 19 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.