



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
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National Disease Surveillance & Response (NDSR)

19 to 25 Aug 2018

Weekly Epidemiological Report–34th

Summary:

- Out of 571 functional Surveillance sentinel sites, 535(93.6%) have submitted reports this week.
- Out of a total of 253,966 new consultations, 90,567(35.7%) were due to Surveillance targeted diseases.
- Main causes of consultations this week were Acute Diarrheal Diseases, 45,431 cases, 17.9% out of total new consultations, ARI (Cough & Cold, 74,084 cases, 15% out of total new consultations and Pneumonia, 6,153 cases, 2.4% out of total new consultations).
- A total of 202 deaths were reported this week, of which 49 were due to Surveillance targeted diseases, which includes 32 Pneumonia deaths, 07 Acute Diarrheal Disease deaths, 06 Meningitis deaths, 03 Hemorrhagic fever deaths and 01 Acute Viral Hepatitis.
- Total of 19 outbreaks reported this week; all were CCHF outbreaks reported from Kabul, Herat, Baghlan, Balkh, Nangarhar, Parwan, Samangan, Takhar and Wardak provinces.

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

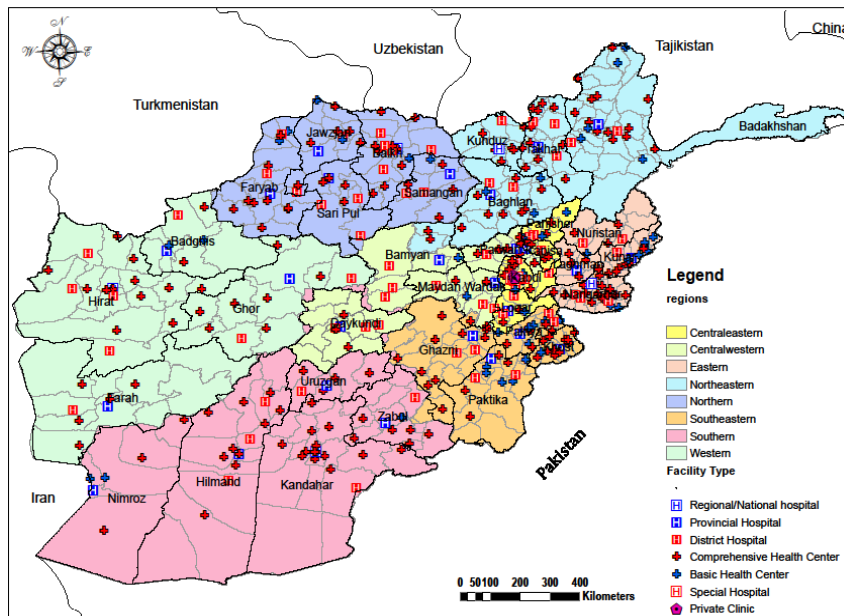


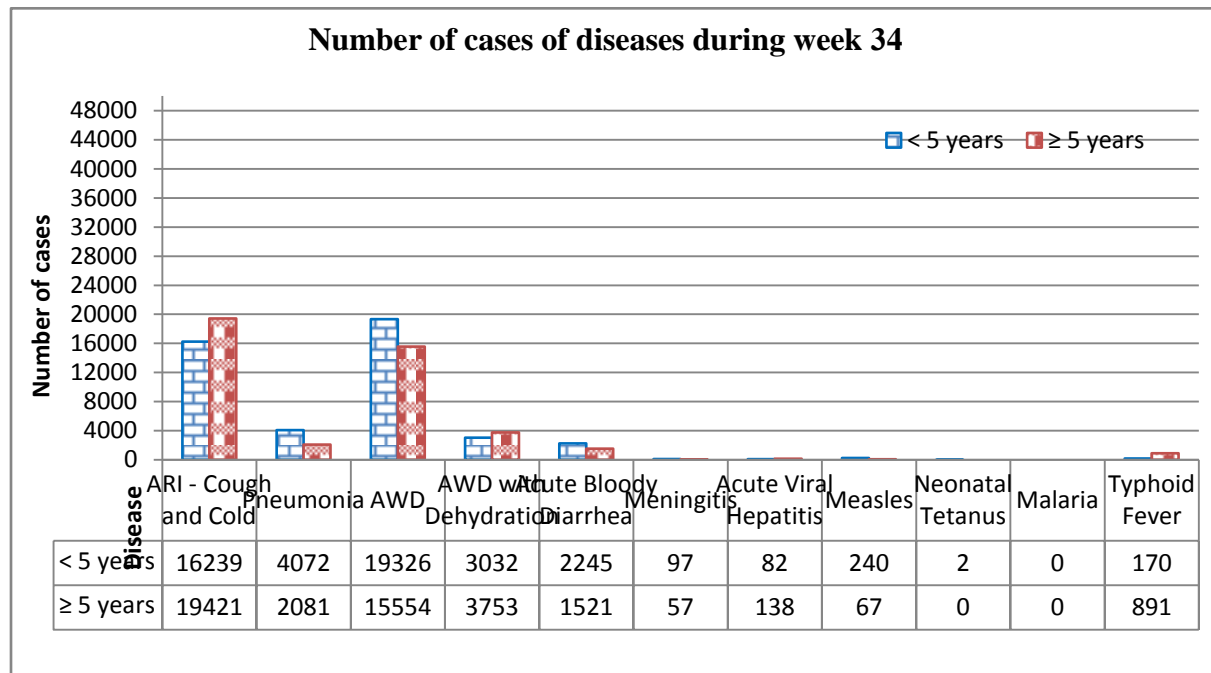
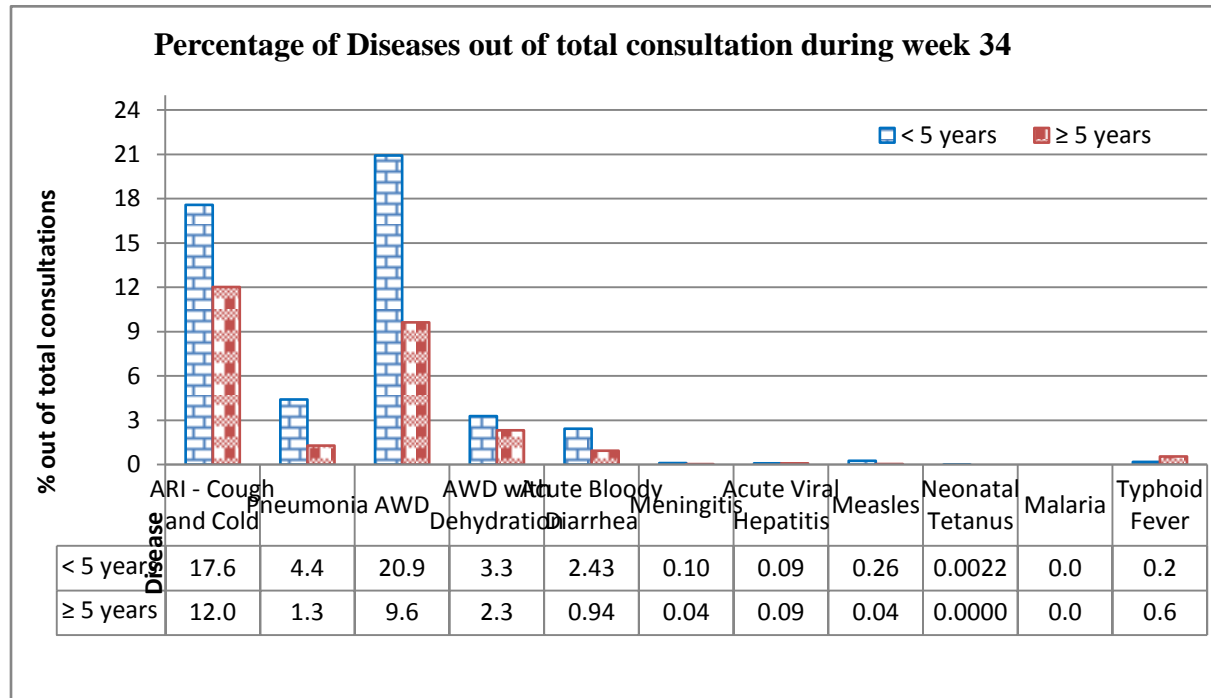
Table 1: Coverage of NDSR Surveillance System

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

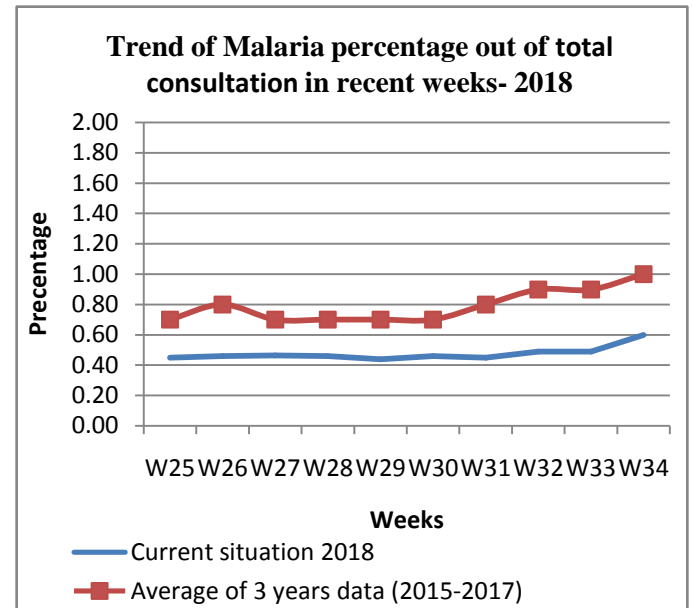
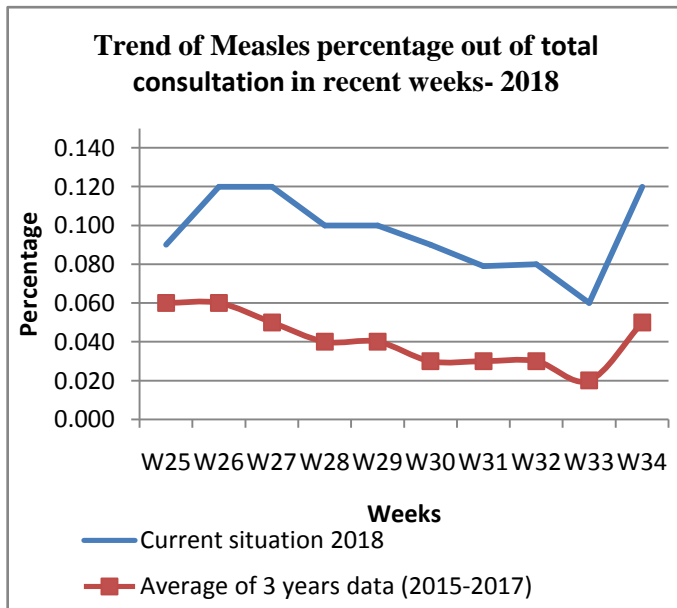
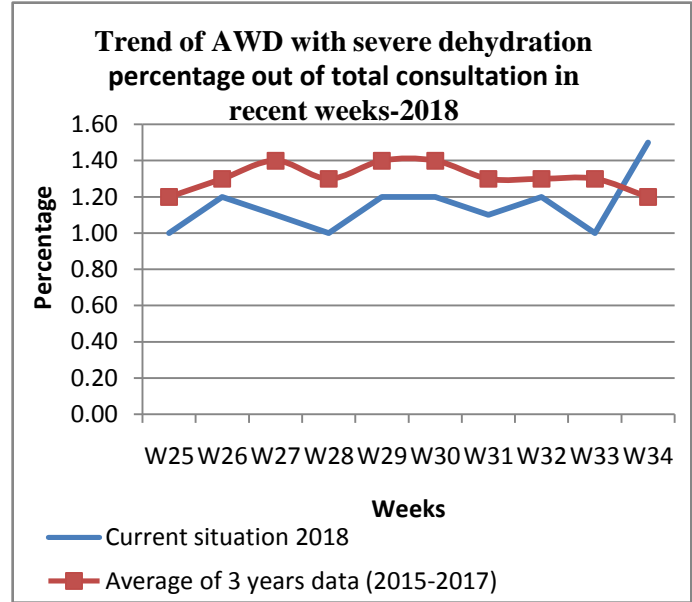
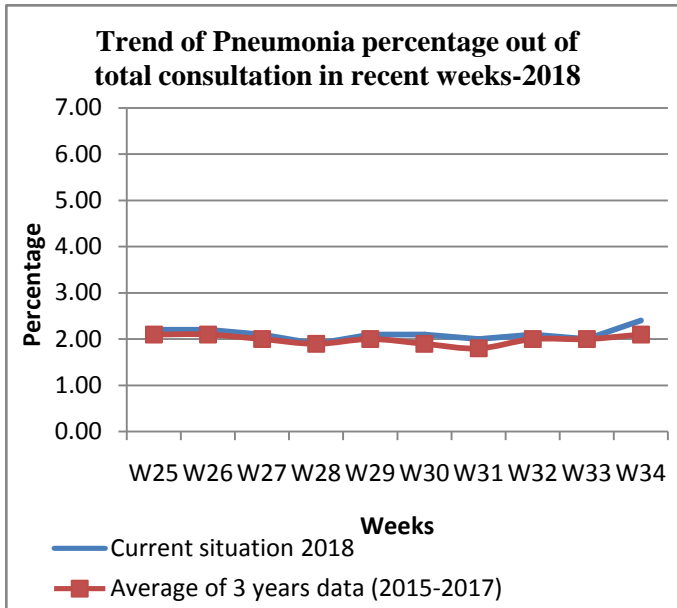


Vaccine Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 34th, 2018

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	240	67	307	0	0	0	0.00
Pertussis	2	0	2	0	0	0	0.00

Seasonal Diseases:



During week 34th 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
22 Aug 2018	Balkh	District 4	Karta Mehrabuddin	1	0	38 Y	Jobless	<p>During this week the CCHF cases are the same compare to the previous week, but significantly increased than the same week of last year.</p> <p>Majority of the cases were reported among, Butcher, House wife, and Shepherd, from Heart, Kabul and Balkh provinces which require more attention by the involved programs.</p> <p>The Case Fatality rate of CCHF cases in this week was 10.5 % (per 100)</p>
22 Aug 2018	Kabul	District 6	QalaShada	1	0	60 Y	Butcher	
22 Aug 2018	Panjshir	Bazarak	Baghsorkh	1	0	20 Y	Jobless	
23 Aug 2018	Balkh	Mazar	0	1	0	60 Y	Jobless	
23 Aug 2018	Kabul	District 4	Taimani	1	1	28 Y	House wife	
23 Aug 2018	Parwan	Baghram	Robat	1	0	65 Y	Farmer	
24 Aug 2018	Kabul	District 1	Qala Baraka	1	0	40 Y	Butcher	
24 Aug 2018	Balkh	Daulat abad	Wolaswaly	1	0	20 Y	Butcher	
24 Aug 2018	Kunduz	Ali abad	Angor Bagh	1	0	20 Y	Farmer	
25 Aug 2018	Kabul	Paghman	Dara pashae	1	0	40 Y	Driver	
25 Aug 2018	Kabul	District 4	Karta -e Parwan	1	0	65 Y	Trader	
24 Aug 2018	Balkh	Mazar city	Nawabad	1	0		Butcher	
26 Aug 2018	Balkh	Dawlat abad	Center	1	0	30 Y	Butcher	
23 Aug 2018	Hirat	City	Area 10th	1	0	28 Y	House wife	
23 Aug 2018	Hirat	Injil	Hawadah	1	0	18 Y	Butcher	
24 Aug 2018	Hirat	Guzara	Bichaqi	1	0	50 Y	House wife	
25 Aug 2018	Hirat	Injil	Khoja sorma	1	0	50 Y	Shepherd	
25 Aug 2018	Hirat	Injil	Now Abad	1	0	52 Y	Shepherd	

25 Aug 2018	Hirat	Shindand	center	1	1	16 Y	Shepherd	
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Figure 3: Outbreaks investigated during the week 34th,2018

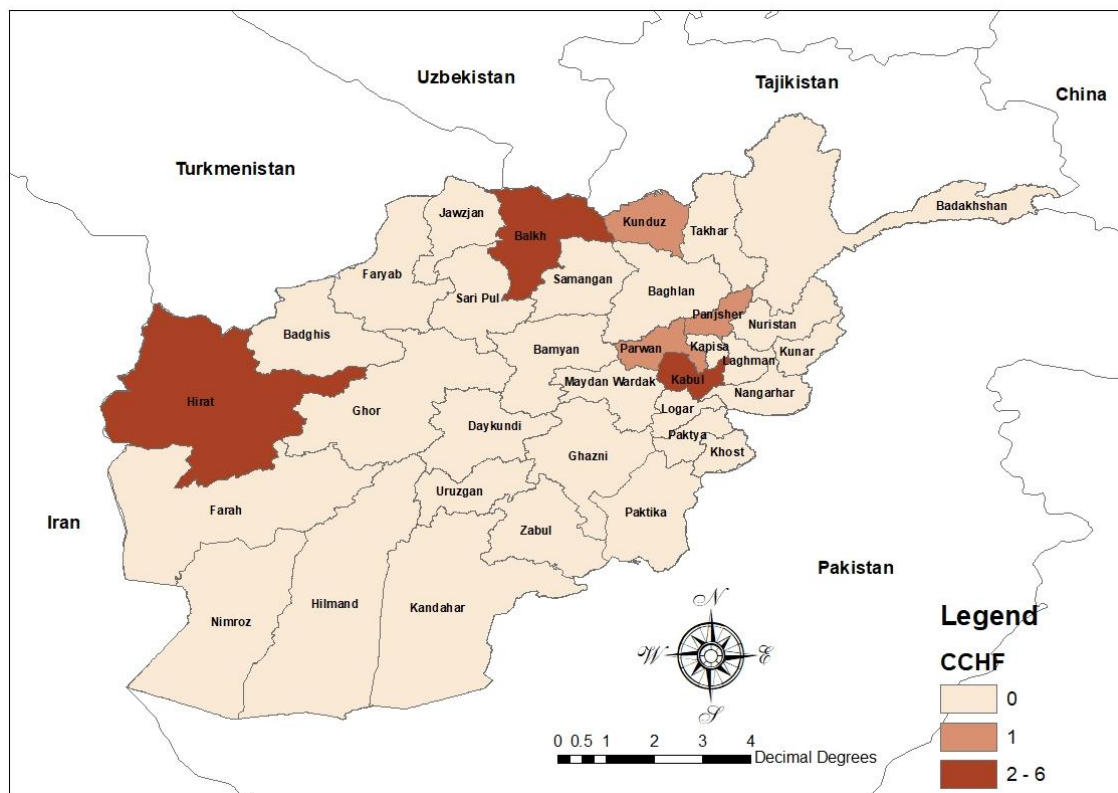


Table 2: Updates on the outbreaks reported during 2018 (31 Dec 2107 to 25 Aug 2018)

Disease/event	No. of outbreaks	No. of lab-confirmed Outbreaks	No. of cases	No. of deaths
CCHF	277	77	304	35
Measles	203	132	2714	19
Chickenpox	22	1	366	0
Dog bites/Suspected Rabies	19	1	158	2
Pertussis	19	1	142	0
Food poisoning	6	0	415	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	570	215	5115	57

Laboratory surveillance:

In this week a total of 40 different specimens/samples were received by CPHL, out of which 02 specimens were positive and 14 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 34, 2018, we have received Epidemiological reports from 9 out of 9 sentinel sites. Out of all new hospital admission, 53(1.8%) Sever Acute Respiratory Infections cases were reported and 60% of them were among under 5 years old. The proportion of SARI cases was decreased than week 33. Two SARI associated death was reported in this week.

In EPI week 34 our National Influenza Center (NIC) received 8 SARI and 5 ILI specimens. Due to the Eid holidays, the number of sample collected was decreased. 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.