



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)

12 to 18 Aug 2018

Weekly Epidemiological Report–33rd

Summary:

- Out of 571 functional Surveillance sentinel sites, 521 (91.2%) have submitted reports this week.
- Out of a total of 494,802 new consultations, 167,146 (33.8%) were due to Surveillance targeted diseases.
- Main causes of consultations this week were Acute Diarrheal Diseases, 78,221 cases, 15.7% out of total new consultations, ARI (Cough & Cold, 74,084 cases, 15% out of total new consultations and Pneumonia, 9,803 cases, 2% out of total new consultations).
- A total of 189 deaths were reported this week, of which 42 were due to Surveillance targeted diseases, which includes 31 Pneumonia deaths, 05 Meningitis deaths, 04 Acute Diarrheal Disease deaths, one Measles death and one Typhoid fever death.
- Total of 21 outbreaks reported this week; of which 19 were CCHF outbreaks reported from Kabul, Herat, Baghlan, Balkh, Nangarhar, Parwan, Samangan, Takhar and Wardak provinces and 02 were Measles outbreaks reported from Kapisa and Wardak provinces.

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

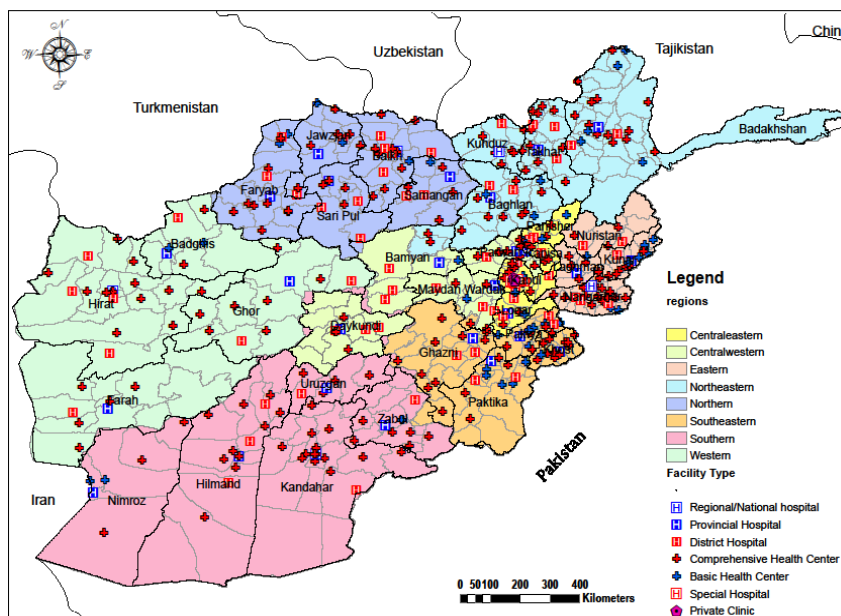


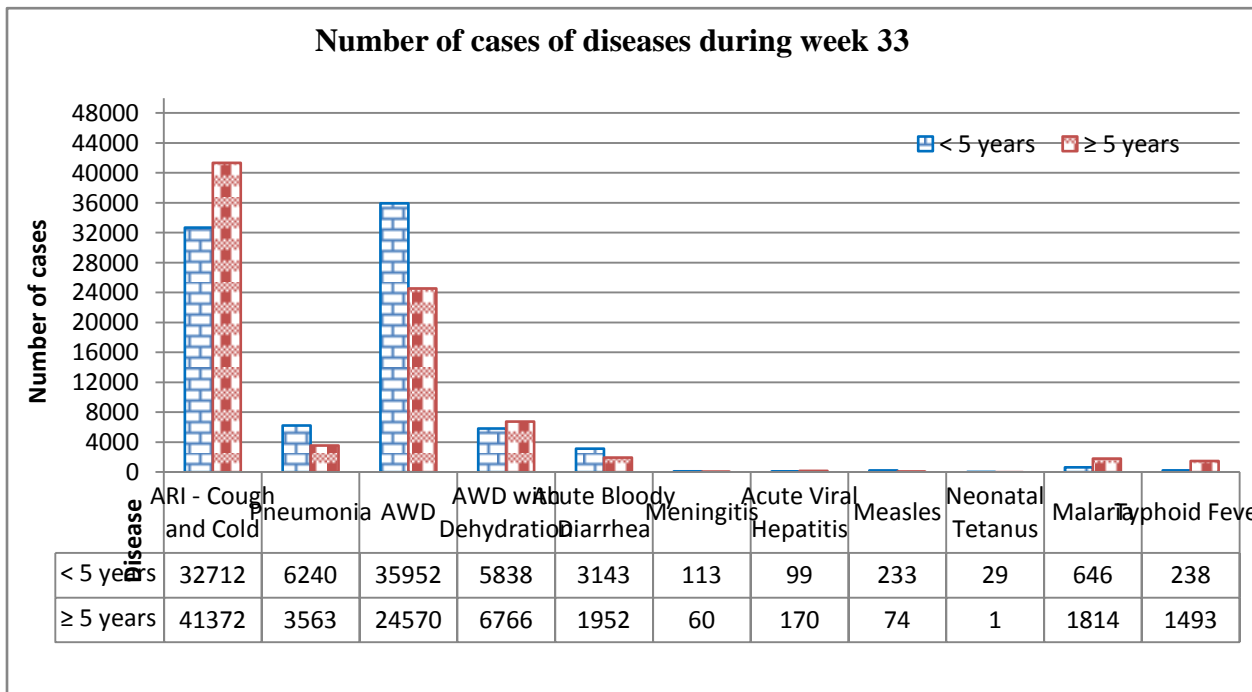
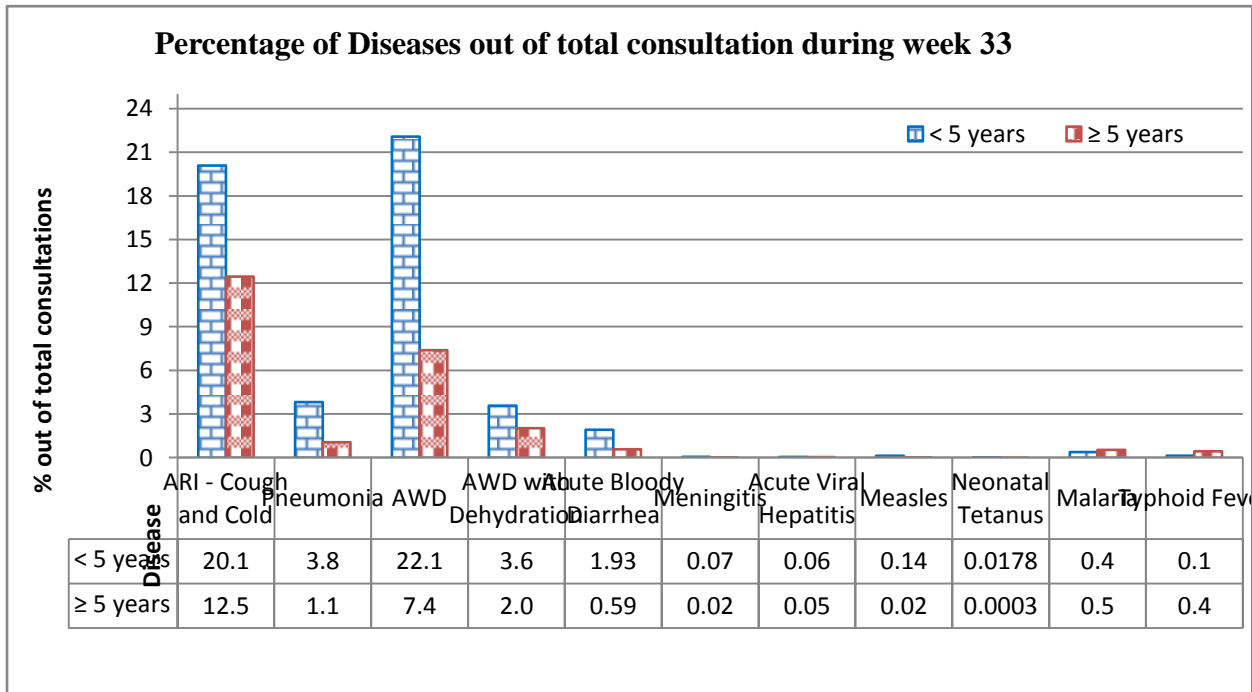
Table 1: Coverage of NDSR Surveillance System

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

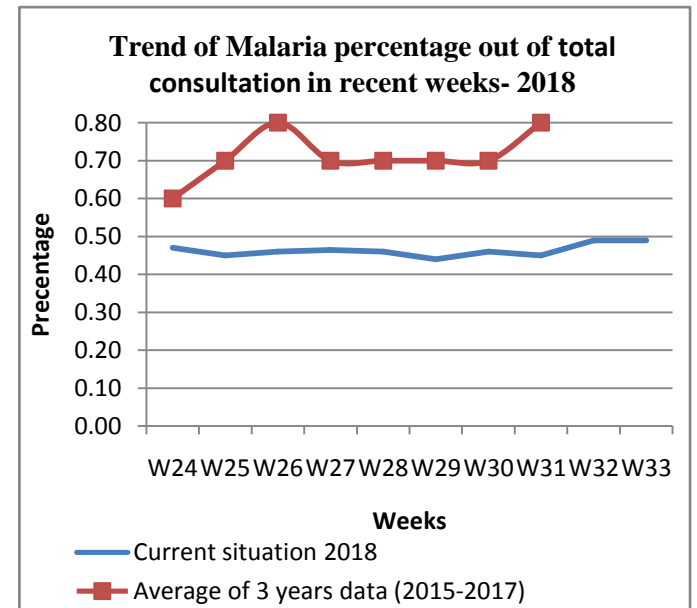
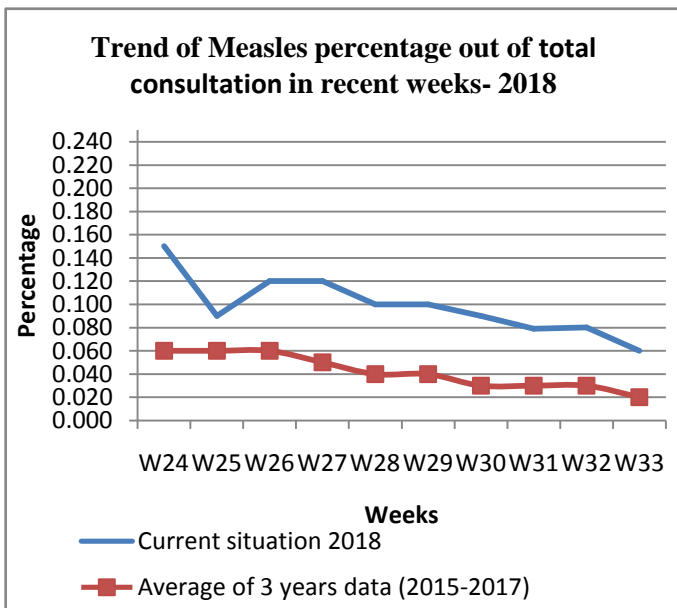
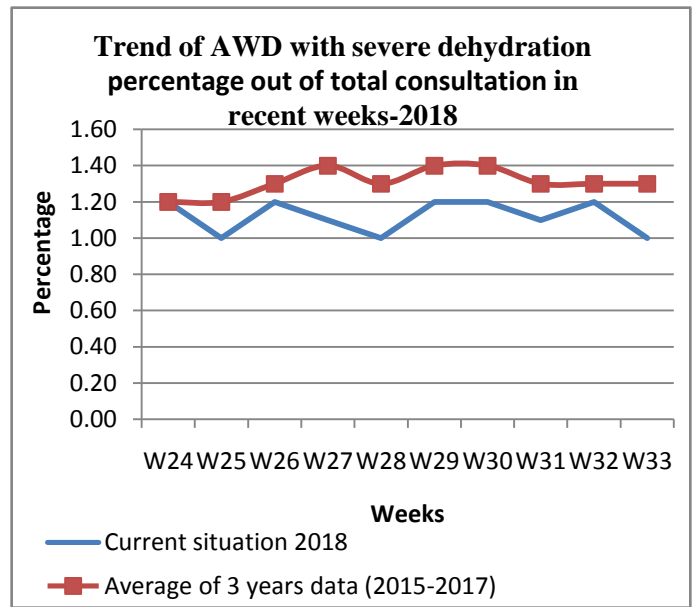
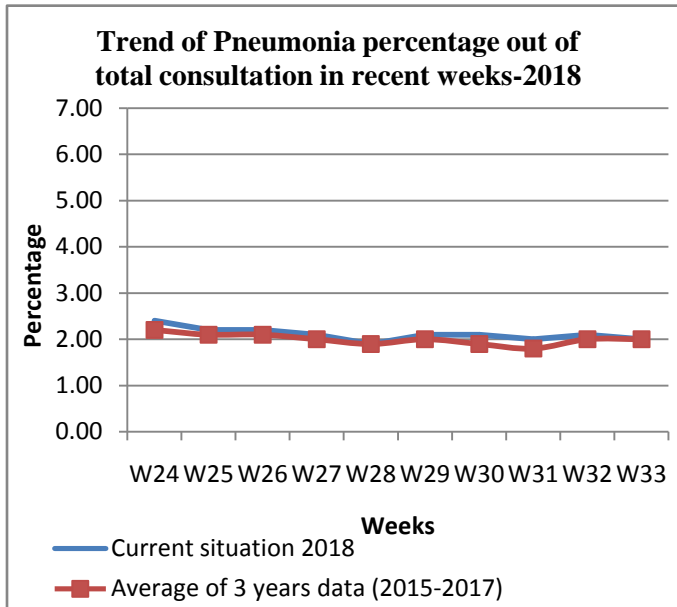


Vaccine Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 33rd, 2018

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	233	74	307	1	0	1	0.33
Pertussis	30	18	48	0	0	0	0.00
Neonatal tetanus	29	0	29	0	0	0	0.00
Tetanus	0	1	1	0	0	0	0.00

Seasonal Diseases:



During week 33rd 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			
16 Aug 2018	Takhar	Saray Sang	Saray Sang	1	0	50 Y	Animal dealer	<p>During this week the CCHF cases are smoothly increased 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 and Animal dealer, from Heart and Kabul provinces which require more attention by the involved programs.</p> <p>The Case Fatality rate of CCHF cases in this week was 0 % (per 100)</p>			
16 Aug 2018	Balkh	Mazar-e-sharif	Tori kar	1	0	57 Y	Jobless				
17 Aug 2018	Kabul	Dehsabz	Deyahya	1	0	27Y	Animal dealer				
17 Aug 2018	Kabul	Karti Now	Market	1	0	36 Y	Butcher				
17 Aug 2018	Kabul	Distract 12	Polecharkhi	1	0	25 Y	Jobless				
17 Aug 2018	Samangan	Dar sof	Char ton	1	0	28Y	Jobless				
17 Aug 2018	Parwan	Baghram	0	1	0	30Y	Jobless				
18 Aug 2018	Kabul	Distract 13	Barchi	1	0	16Y	Student				
19 Aug 2018	Kabul	Distract 8	Shah shaeed	1	0	36 y	Butcher				
19 Aug 2018	Kabul	Distract 8	Kart-e-now	1	0	44Y	Butcher				
19 Aug 2018	Kabul	Distract 8	Kart-e-now	1	0	36Y	Butcher				
11 Aug 2018	Nangarhar	Sourk road	Daronta	1	0	40Y	House wife				
7 Aug 2018	Baghlan	Pulikhomri	Fabrika	1	0		Animal dealer				
14 Aug 2018	Hirat	City	Darb-e-Qandahar	1	0	24 Y	Skin seller				
14 Aug 2018	Hirat	City	GangeSafid	1	0	13 Y	Butcher				
18 Aug 2018	Hirat	Obeh	Sabira	1	0	22 Y	Farmer				
18 Aug 2018	Hirat	City	Number yak	1	0	28 Y	Butcher				
18Aug 2018	Wardak	Said abad	Hafaasia	1	0	20 Y	Animal dealer				
18 Aug 2018	Hirat	injeel	Balnadshah e	1	0	55 Y	Shepherd				
Measles outbreaks											
Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Total deaths			coverage %	Vaccination
11 Aug 2018	Mulazadk hil	Mahmudraqi	Kapisa	02	03	05	0	85	planed	This year we have more cases and outbreaks of Measles compared to previous year, surveillance	
11 Aug 2018	Baghlan	Chak	Wardak	09	08	17	0	55%	Planed		

										department shared this information with the relevant departments and programs for action and control.
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Figure 3: Outbreaks investigated during the week 33rd, 2018

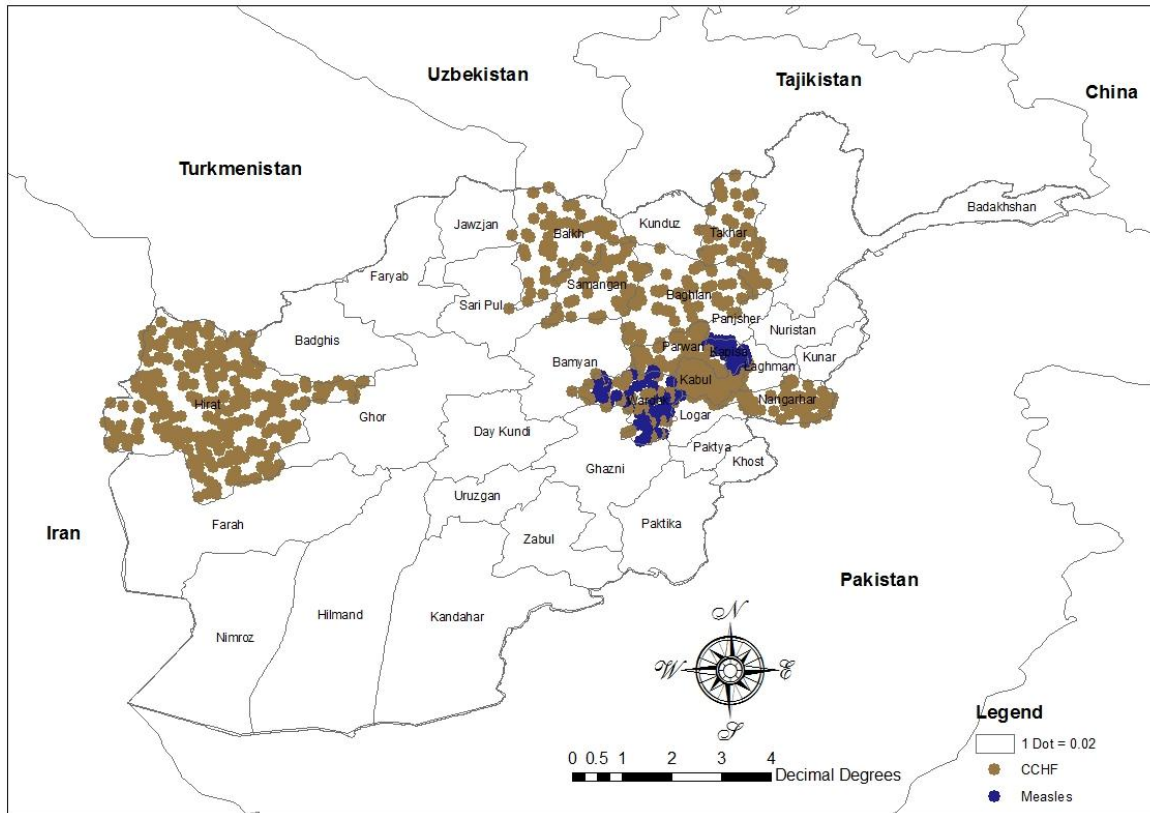


Table 2: Updates on the outbreaks reported during 2018 (31 Dec 2107 to 18 Aug 2018)

Disease/event	No. of outbreaks	No. of lab-confirmed Outbreaks	No. of cases	No. of deaths
CCHF	258	77	267	32
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	551	215	5078	56

Laboratory surveillance:

In this week a total of 86 different specimens/samples were received by CPHL, out of which 07 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 33, 2018, we have received Epidemiological reports from 9 out of 9 sentinel sites. Out of all new hospital admission, 107(3 %) Severe Acute Respiratory Infections cases were reported and 76% of them were among under 5 years old. The proportion of SARI cases was decreased than week 32. Three SARI associated death was reported in this week.

In EPI week 33, our National Influenza Center (NIC) received 29 SARI and 17 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 Measles, CCHF and Pertussis is the cause of concern; this should be analyzed further in different levels and appropriate actions to be taken by the concerned departments.