



National Disease Surveillance & Response (NDSR)

22 to 28 July 2018

Weekly Epidemiological Report–30th

Summary:

- Out of 571 functional Surveillance sentinel sites, 554(97%) have submitted reports this week.
- Out of a total of 531,880 new consultations, 180,746(34%) were due to Surveillance targeted diseases.
- Main causes of consultations this week were Acute Diarrheal Diseases, 88,690 cases, 16.6% out of total new consultations, ARI (Cough & Cold, 75,287 cases, 14.2% out of total new consultations and Pneumonia, 11,111 cases, 2.1% out of total new consultations).
- A total of 233 deaths were reported this week, of which 62 were due to Surveillance targeted diseases, which includes 38 Pneumonia deaths, 10 Acute Diarrheal Disease deaths, 06 Meningitis deaths, 03 Pregnancy related deaths reported from Rabia balkhi, Maimana and Qale now Sentinel sites, 02 Measles deaths, 02 Acute Viral Hepatitis deaths and 01 Hemorrhagic fever death.
- Total of 10 outbreaks reported this week; of which 09 were CCHF outbreaks reported from Nangarhar, Kabul, Kandahar, Herat and Badghis provinces and 01 was Dog bite/ Sus Rabies outbreak reported from Takhar province.

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

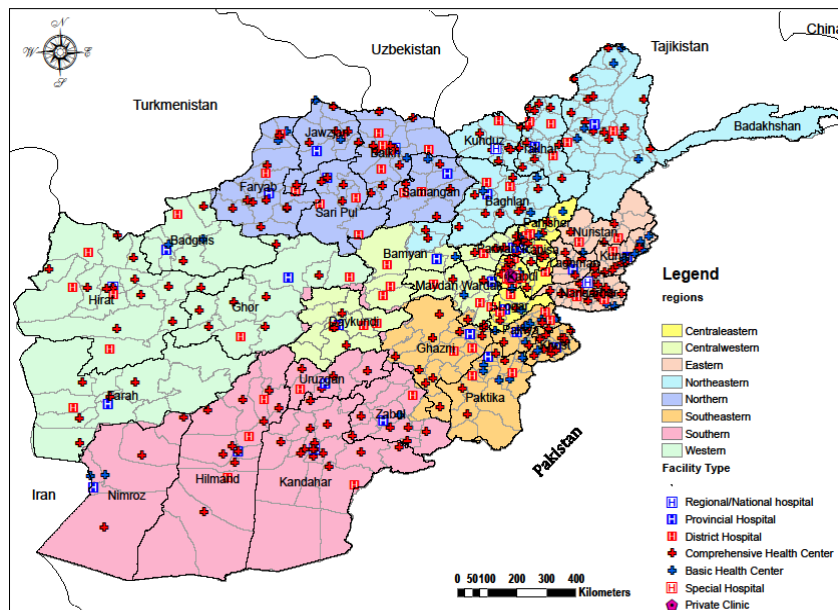


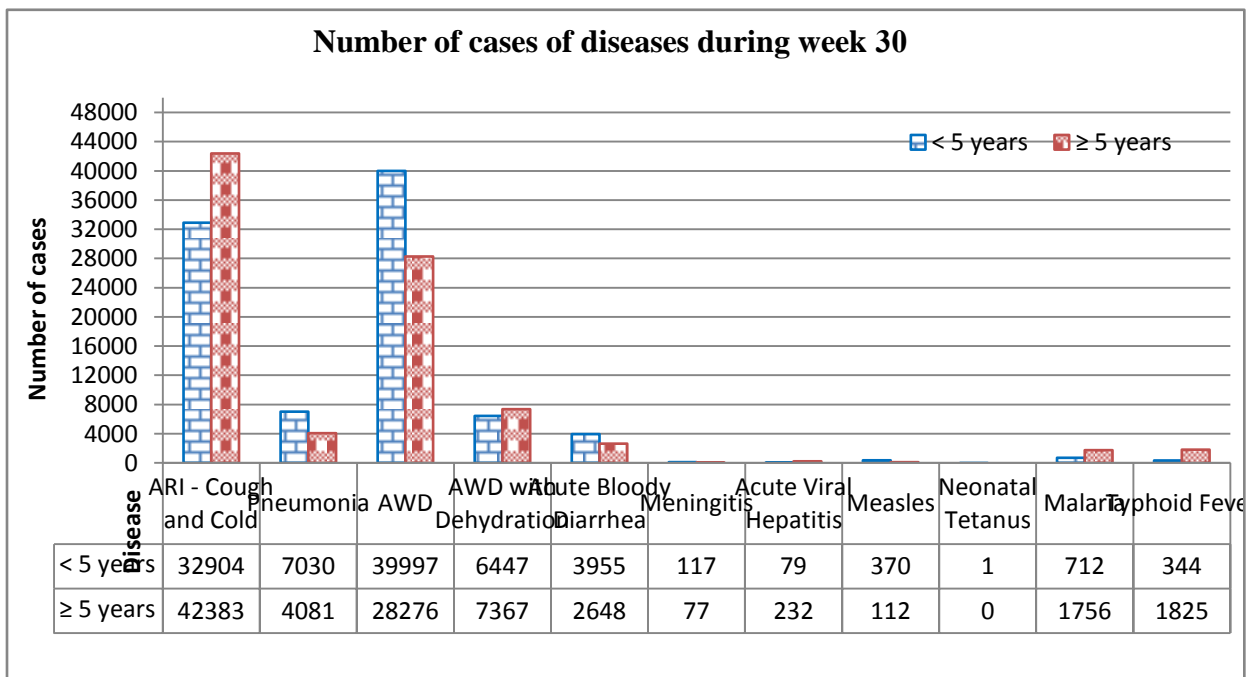
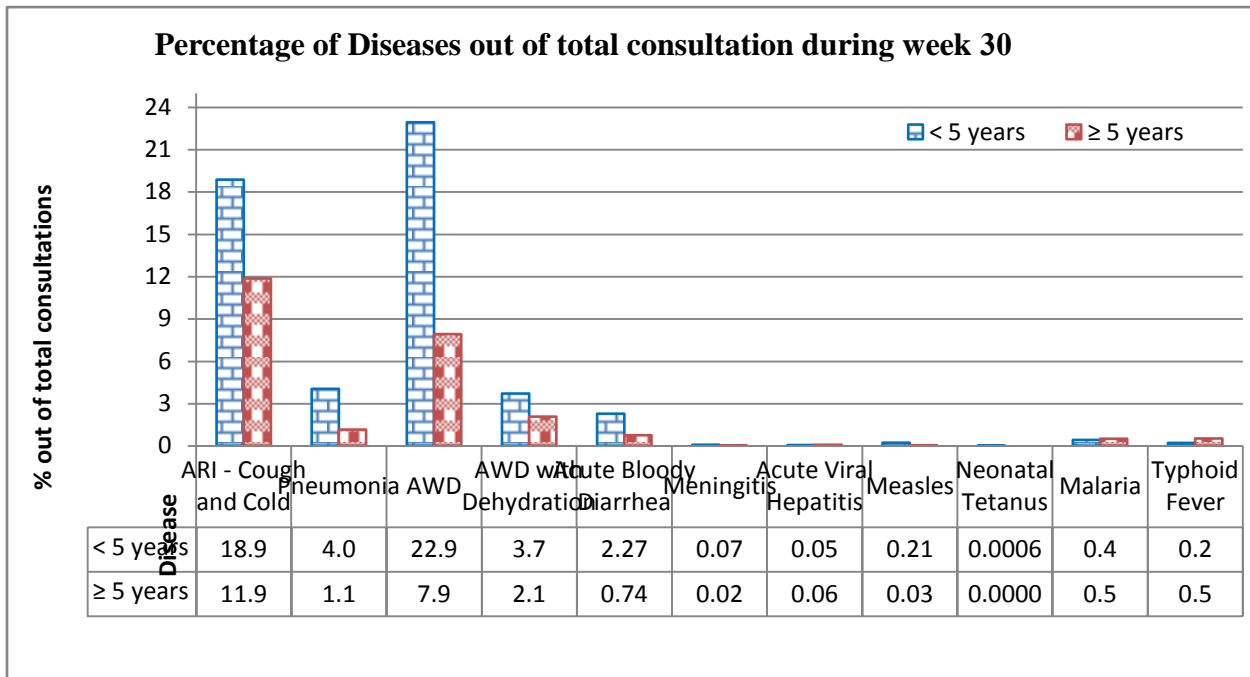
Table 1: Coverage of NDSR Surveillance System

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

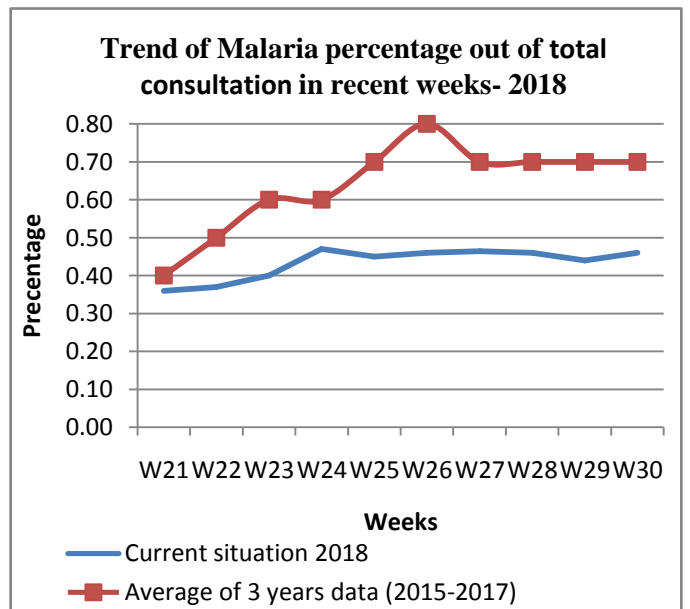
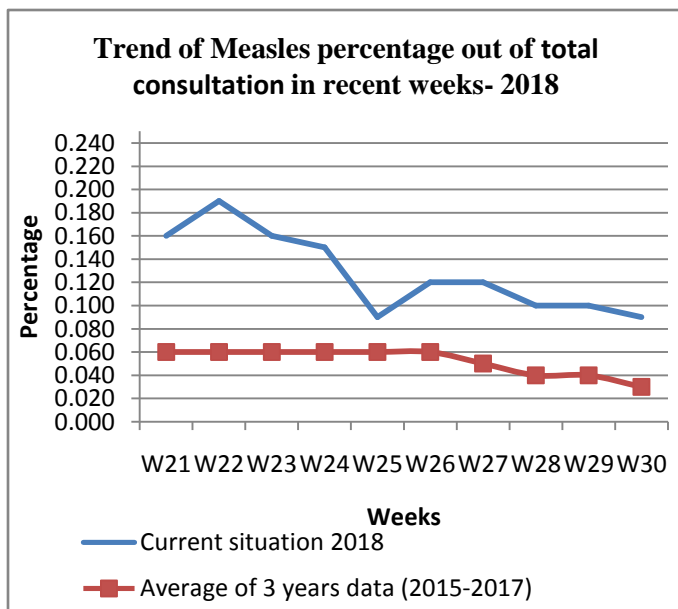
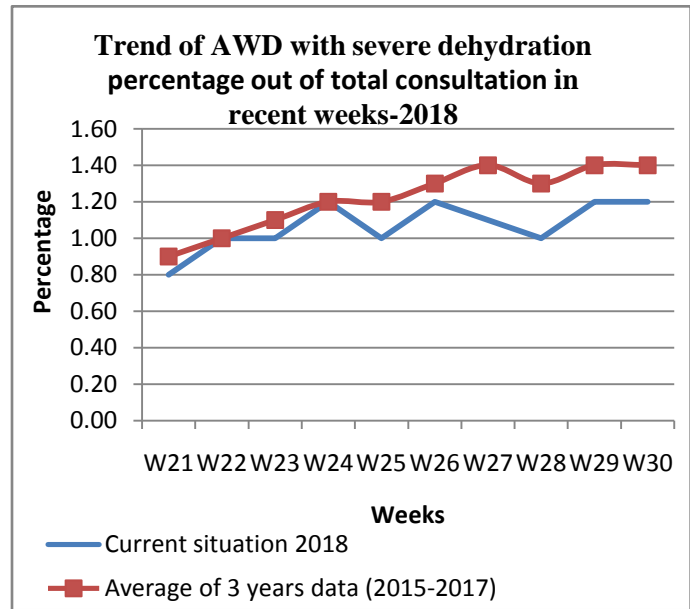
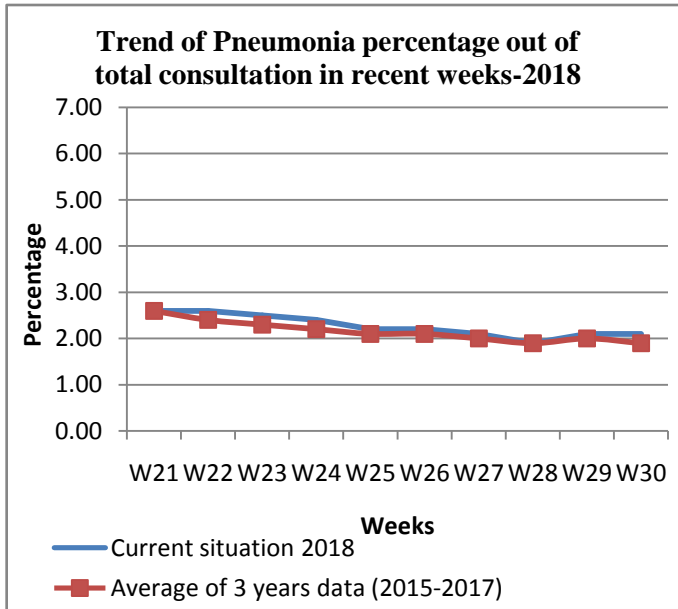


Vaccine Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 30th, 2018

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	370	112	482	2	0	2	0.41
Pertussis	2	1	3	0	0	0	0.00
Neonatal tetanus	1	0	1	0	0	0	0.00

Seasonal Diseases:



During week 30th total of 10 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 July 2018	Nangarhar	Kor	Mandozai	1	0	40 Y	Farmer	During this week the CCHF cases are significantly increased compare to the previous week and the same week of last year. Majority of the cases were reported among farmers from Heart and Kabul province which require more attention by the involved programs. No CCHF related deaths were reported this week
24 July 2018	Kabul	Distract 11	Khirkhana	1	0	19 Y	Butcher	
27 July 2018	Kabul	Distract 12	Shina	1	0	15 Y	Farmer	
27 July 2018	Kandahar	Spinboldak	Spinagonbada	1	0	30 Y	Animal dealer	
24 July 2018	Hirat	City	DarbeEraq	1	0	21 Y	Butcher	
24 July 2018	Hirat	Injil	Sar hasan Khoja	1	0	45 Y	Farmer	
25 July 2018	Badghis	Qadis	Khirkhana	1	0	17 Y	Farmer	
25 July 2018	Hirat	Pashtoon zarghon	Manzel	1	0	40 Y	Mechanic	
25 July 2018	Hirat	Guzara	Bichaqi	1	0	40 Y	Farmer	
Dog bite/suspected Rabies outbreak								
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take		
22 July 2018	Takhar	Taluqan city	Sarai sang	03	0	This year more outbreaks and cases of dog bite/suspected rabies are reported compared to the previous week and the same week of last year		

Figure 3: Outbreaks investigated during the week 30th, 2018

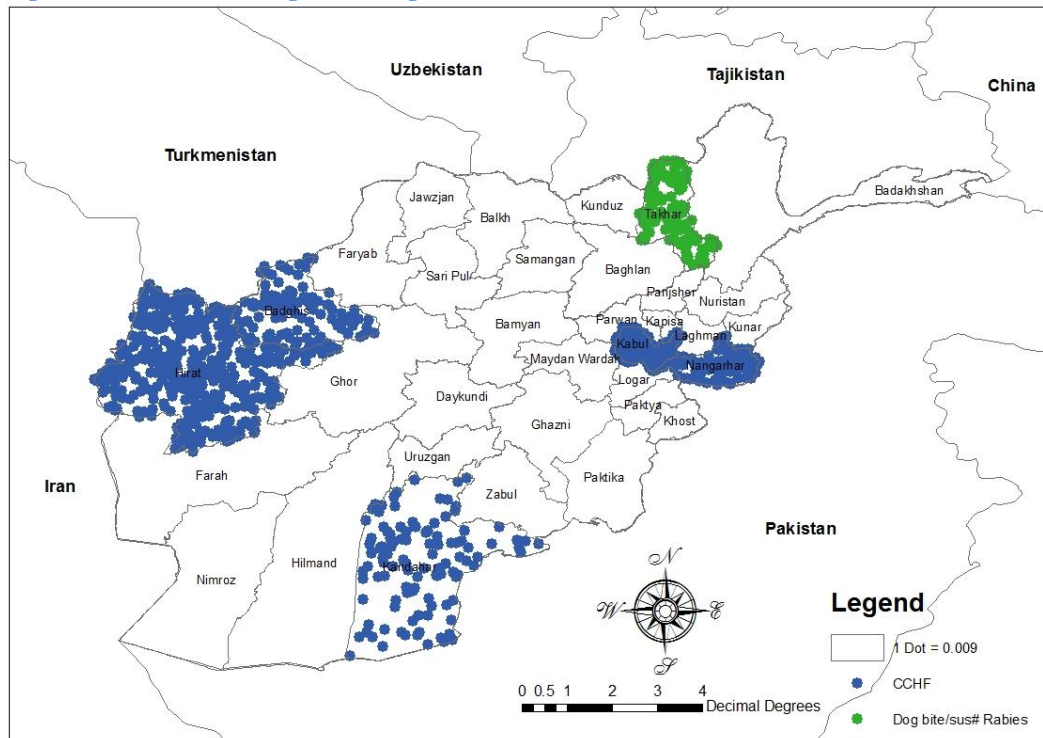


Table 2: Updates on the outbreaks reported during 2018 (31 Dec 2107 to 28 July 2018)

Disease/event	No. of outbreaks	No. of lab confirmed Outbreaks	No. of cases	No. of deaths
Measles	198	129	2664	19
CCHF	197	59	205	25
Chickenpox	21	1	355	0
Pertussis	19	1	142	0
Dog bites/Suspected Rabies	17	1	123	2
Scabies	5	0	421	0
Food poisoning	5	0	51	0
Mass psychogenic Illness	5	0	246	0
Gas (CO) Poisoning	3	0	47	0
Leishmaniasis	2	1	47	0
Acute Viral Hepatitis	1	1	8	0
Water poisoning	1	0	221	0
Diphtheria	1	0	3	1
Petrol poisoning	1	0	3	1
Human Immunodeficiency Virus	1	0	1	0
Fly Bite	1	0	5	0
Meningitis	1	1	3	1
Mumps	1	0	5	0
Grand Total	480	194	4550	49

Laboratory surveillance:

In this week a total of 107 different specimens/samples were received by CPHL, out of which 22 specimens were positive and 15 specimens were negative for Measles, one specimen was positive and one specimen was negative for CCHF and 01 specimen was negative for Pertussis while the rest are under process. (Follow up by the CPHL is going on).

Influenza Surveillance activity

In Epidemiologic week 30, 2018, we have received Epidemiological reports from 9 out of 9 sentinel sites. Out of all new hospital admission, 119 (3 %) Severe Acute Respiratory Infections cases were reported and 66% of them were among under 5 years old. The proportion of SARI cases was decreased as week 29. No SARI associated death was reported in this week.

In EPI week 30, our National Influenza Center (NIC) received 34 SARI and 14 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.