



National Disease Surveillance & Response (NDSR)

15 to 21 July 2018

Weekly Epidemiological Report–29th

Summary:

- Out of 571 functional Surveillance sentinel sites, 554(97%) have submitted reports this week.
- Out of a total of 527,575 new consultations, 176,245(33.4%) were due to Surveillance targeted diseases.
- Main causes of consultations this week were Acute Diarrheal Diseases, 85,734 cases, 16.3% out of total new consultations, ARI (Cough & Cold, 73,767 cases, 14% out of total new consultations and Pneumonia, 11,126 cases, 2.1% out of total new consultations).
- A total of 215 deaths were reported this week, of which 59 were due to Surveillance targeted diseases, which includes 26 Pneumonia deaths, 14 Acute Diarrheal Disease deaths, 11 Meningitis deaths, 05 Measles deaths, 02 Acute Viral Hepatitis deaths and 01 Pregnancy related death reported from Tarkhuch Sentinel site.
- Total of 11 outbreaks reported this week; of which 05 were CCHF outbreaks reported from Ghazni, Kabul, Faryab, Balkh and Helmand provinces, 05 were Measles outbreaks reported from Khost, Paktya and Bamyan provinces and 01 Food poisoning outbreak reported from Takhar province.

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

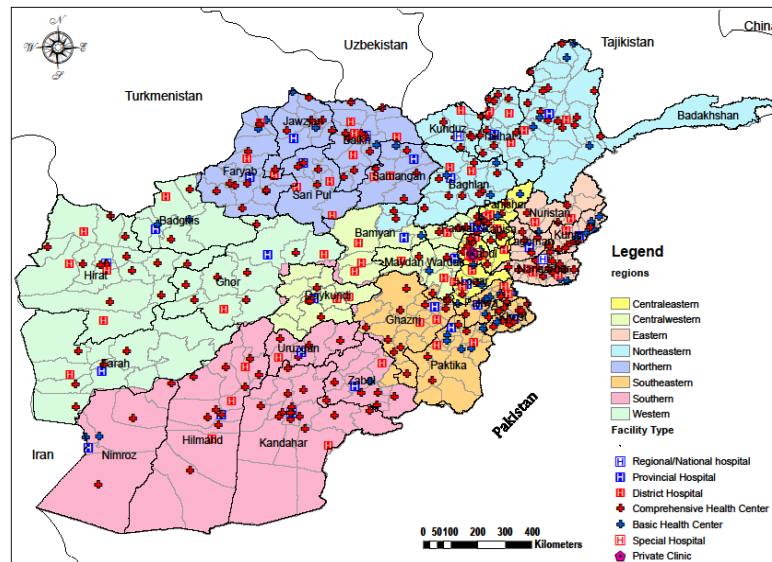


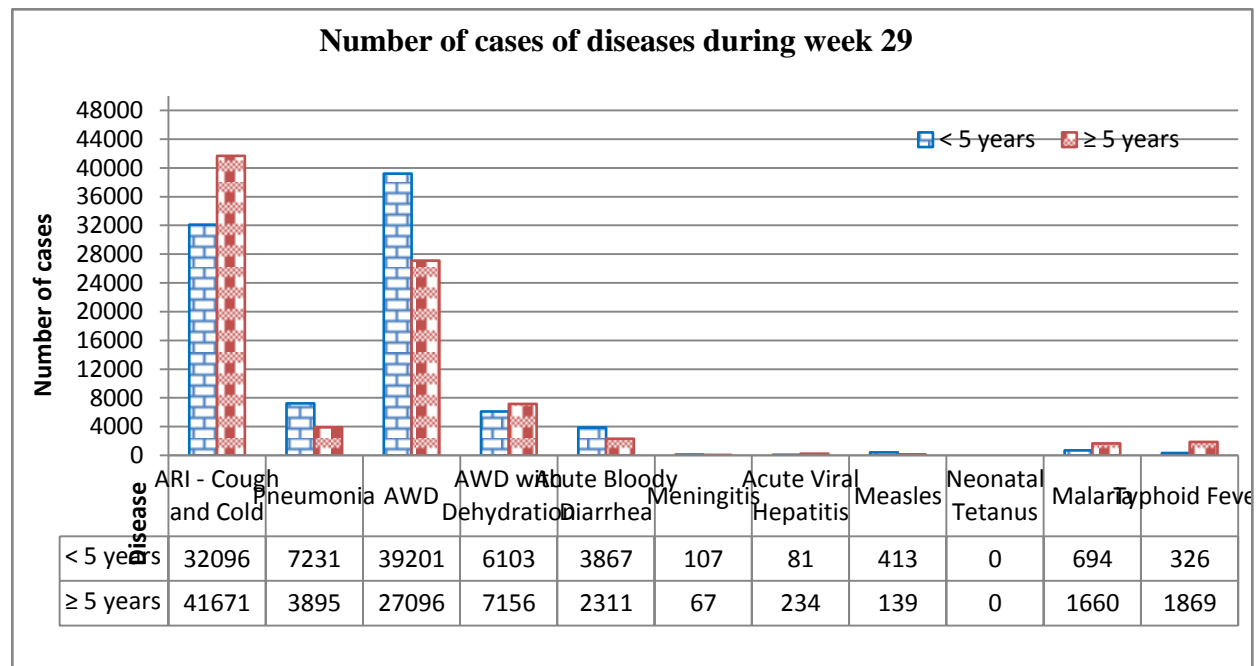
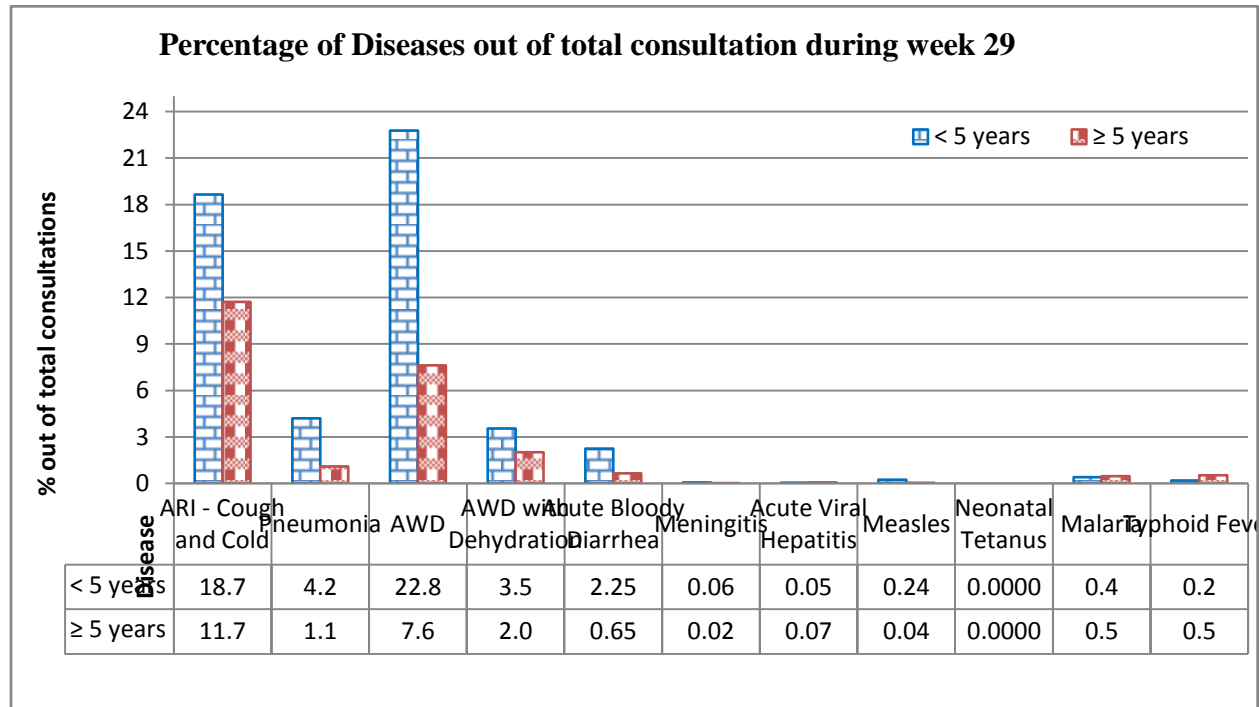
Table 1: Coverage of NDSR Surveillance System

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

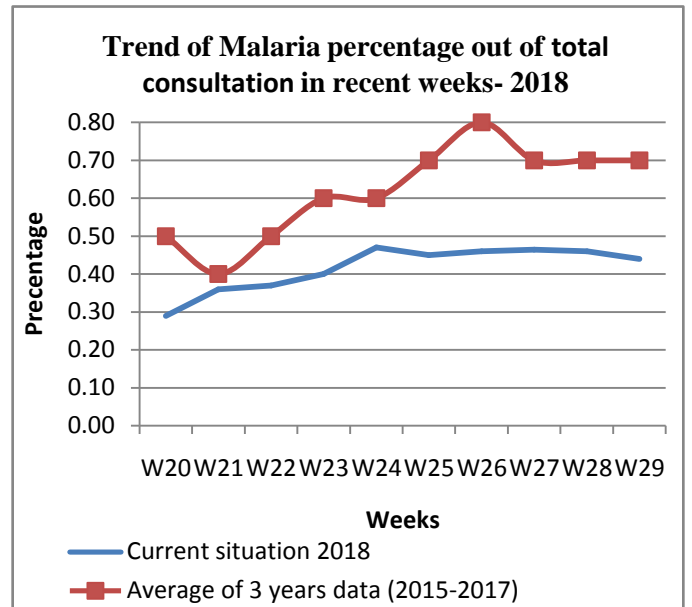
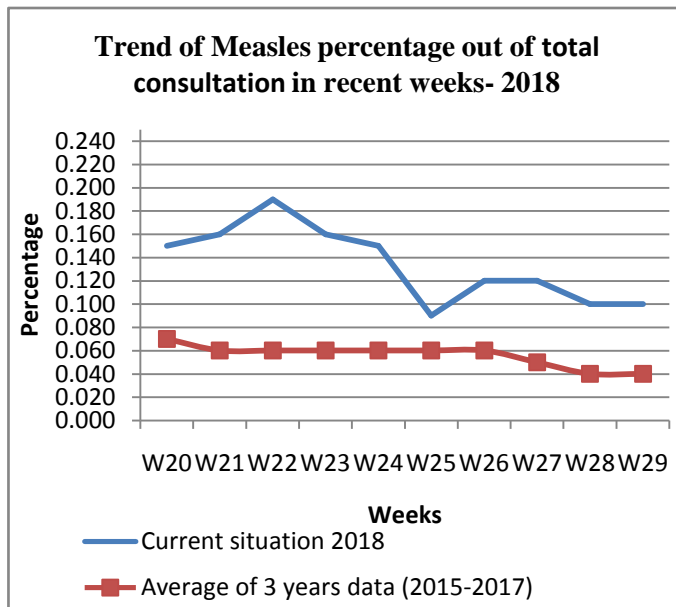
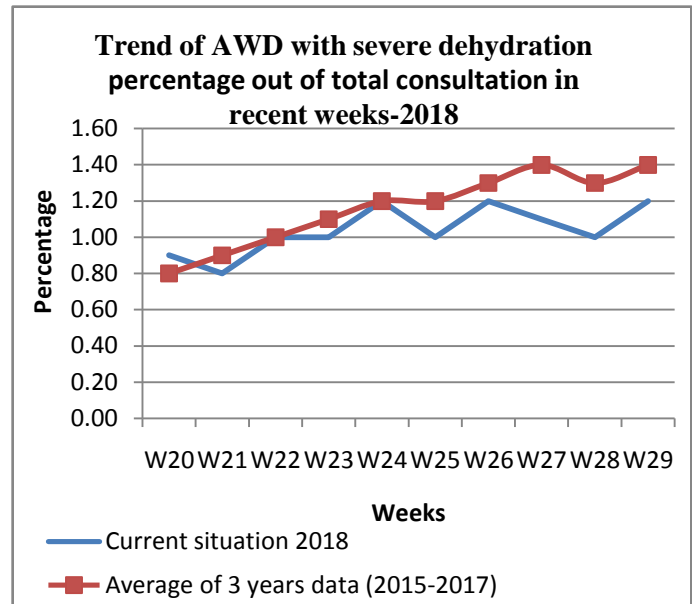
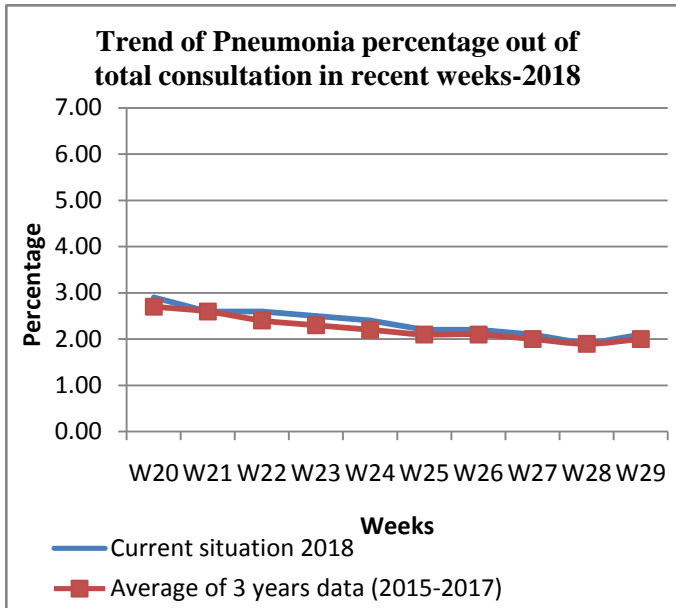


Vaccine Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 29th, 2018

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	413	139	552	5	0	5	0.91
Pertussis	2	7	9	0	0	0	0.00

Seasonal Diseases:



During week 29th total of 11 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		
18 July 2018	Ghazni	Ghazni city	Ahmad abad	1	0	16 Y	House wife	The CCHF cases and death are significantly decreased in this week compare to the previous week and the same week of last year. All cases during this week were reported from Ghazni, Kabul, Faryab, Balkh and Helmand provinces which require more attention by the involved programs. No CCHF related death was reported this week		
15 July 2018	Kabul	Distract 13	Omaid	1	0	20 Y	Jobless			
17 July 2018	Faryab	Almar	Akhtar baba	1	0	17 Y	Jobless			
13 July 2018	Balkh	Mazar-e-Sharif	Zarye	1	0	53 Y	Animal Dealer			
8 July 2018	Helmand	Nad Ali	Shawal	1	0					
Measles outbreaks										
Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Total deaths	cover age %	Vaccina tion	Recommendation/Action take
13 July 2018	Khost	Qalandar	Tot Pala	3	3	6	0	45%	Planned	This year we had more cases and outbreaks of Measles compared to the previous year. Diseases surveillance department shared this information with the relevant departments and programs for action and control.
15 July 2018	Khost	Jajimaidan	Mulakhil	2	3	5	0	60%	Planned	
18 July 2018	Paktia	Chamkani	Nargasi	11	7	18	0	60%	145 <5 children	
15 July 2018	Bamyan	Panjab	Mandi & khamkharposh	2	13	15	0	low	Planned	
17 July 2018	Bamyan	Bamyan city	Zardsang	3	4	7	0	low	Planned	
Food Poisoning										
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take				
21 July 2018	Takhar	Taluqan city	Gulaee Bagh	7	0	Food Poisonings are the 7 th common causes of outbreaks in 2018 in the country, all the said 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 all poisoning outbreaks.				

Figure 3: Outbreaks investigated during the week 29th, 2018

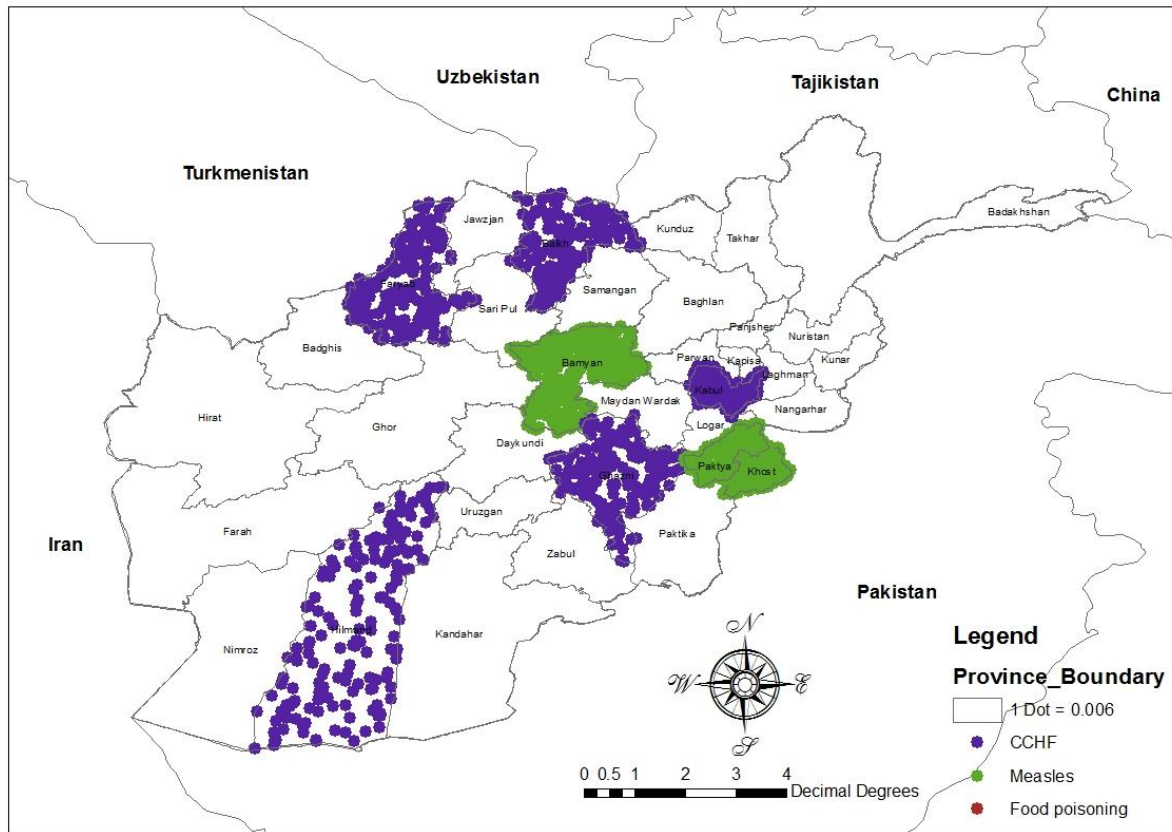


Table 2: Updates on the outbreaks reported during 2018 (31 Dec 2107 to 21 July 2018)

Disease/event	No. of outbreaks	No. of lab confirmed Outbreaks	No. of cases	No. of deaths
Measles	198	99	2664	19
CCHF	188	49	196	25
Chickenpox	21	1	355	0
Pertussis	19	1	142	0
Dog bites/Suspected Rabies	16	1	120	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
Water poisoning	1	0	221	0
Diphtheria	1	0	3	1
Petrol poisoning	1	0	3	1
Acute Viral Hepatitis	1	1	8	0
Fly Bite	1	0	5	0

Meningitis	1	1	3	1
Mumps	1	0	5	0
Human Immunodeficiency Virus	1	0	1	0
Grand Total	470	154	4538	49

Laboratory surveillance:

In this week a total of 118 different specimens/samples were received by CPHL, out of which 23 specimens were positive and 30 specimens were negative for Measles 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 29, 2018, we have received Epidemiological reports from 9 out of 9 sentinel sites. Out of all new hospital admission, 130 (3.4 %) Sever Acute Respiratory Infections cases were reported and 72% of them were among under 5 years old. Three SARI associated deaths were reported among children at the age under 2Y 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.