



National Disease Surveillance & Response (NDSR)

26 Aug to 01 Sep 2018

Weekly Epidemiological Report–35th

Summary:

- Out of 571 functional Surveillance sentinel sites, 547(95.7%) have submitted reports this week.
- Out of a total of 482,621 new consultations, 156,791(32.5%) were due to Surveillance targeted diseases.
- Main causes of consultations this week were Acute Diarrheal Diseases, 68,030 cases, 14.1% out of total new consultations, ARI (Cough & Cold, 72,718 cases, 15.1% out of total new consultations and Pneumonia, 10,467 cases, 2.2% out of total new consultations).
- A total of 229 deaths were reported this week, of which 54 were due to Surveillance targeted diseases, which includes 31 Pneumonia deaths, 08 Hemorrhagic fever deaths, 06 Meningitis deaths, 05 Acute Diarrheal Disease deaths, 03 Acute Viral Hepatitis deaths and 01 Pregnancy related death reported from Rabia balkhi sentinel site.
- Total of 58 outbreaks reported this week; of which 53 were CCHF outbreaks reported from Kabul, Herat, Balkh, Ighman, Ghazni, Baghlan, Helmand, Kapisa, Kunar and Logar provinces, 02 Measles outbreaks reported from Paktika and Wardak provinces, one Food poisoning outbreak reported from Parwan province, one Dog bite/suspected Rabies outbreak reported from Takhar province and one Chickenpox outbreak reported from Urozgan province.

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

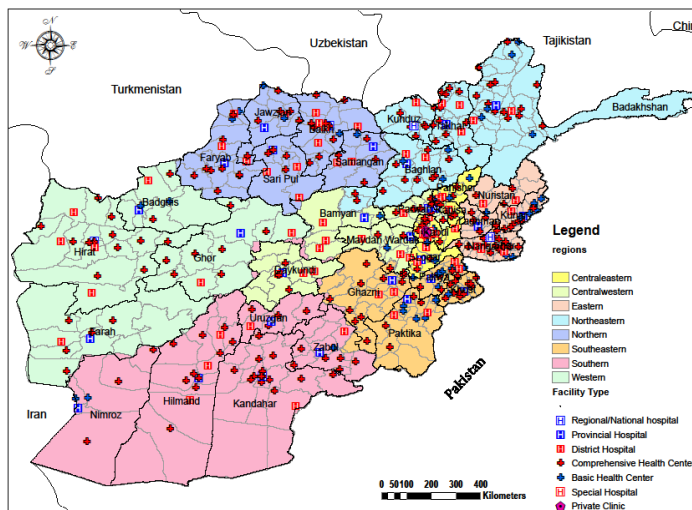


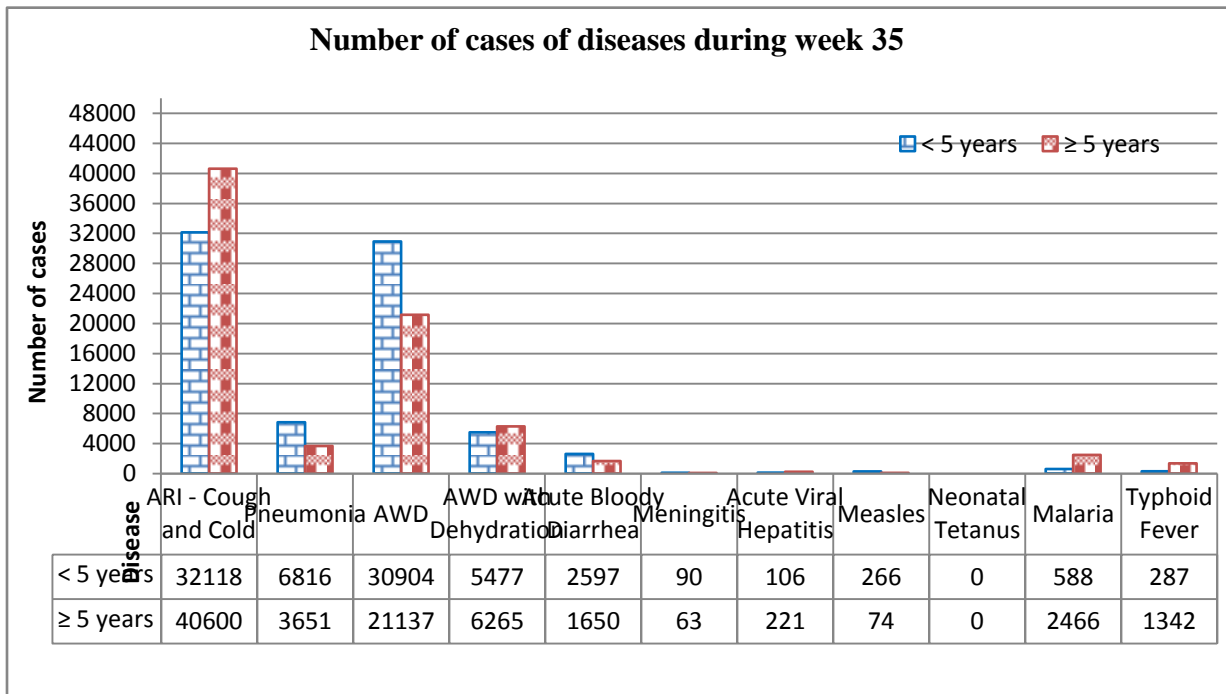
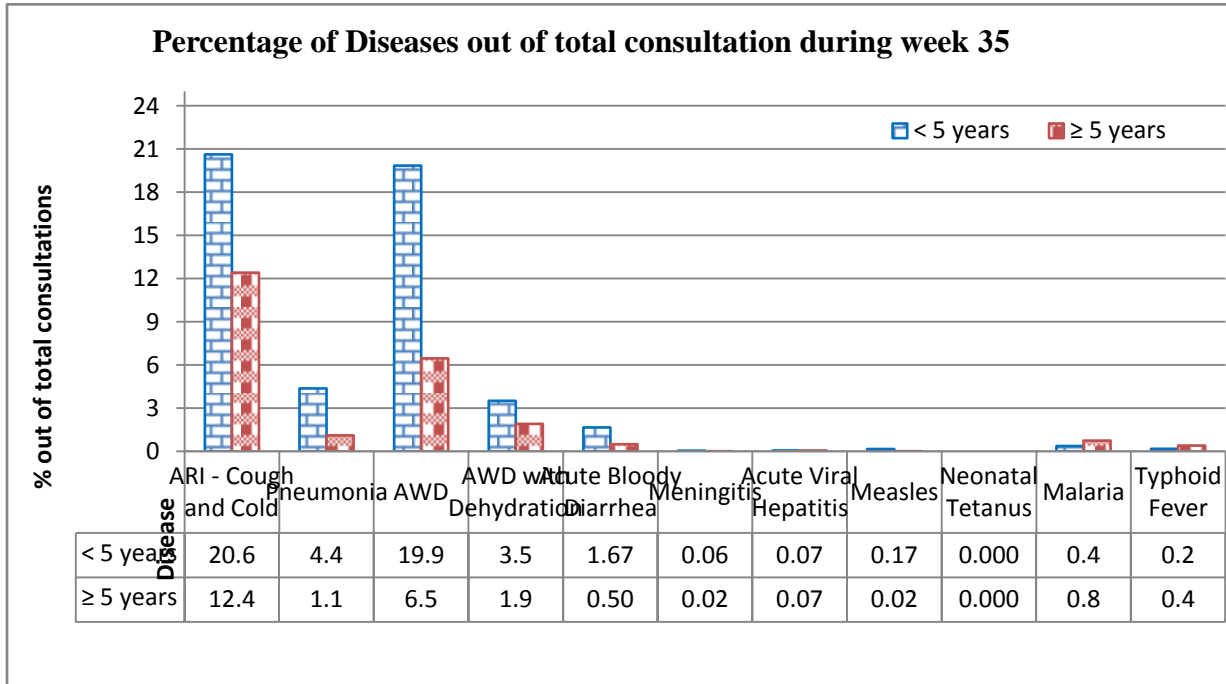
Table 1: Coverage of NDSR Surveillance System

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

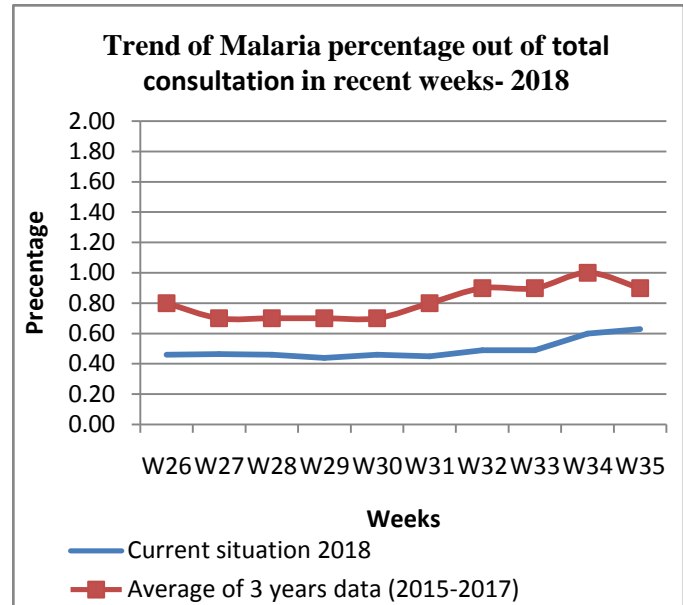
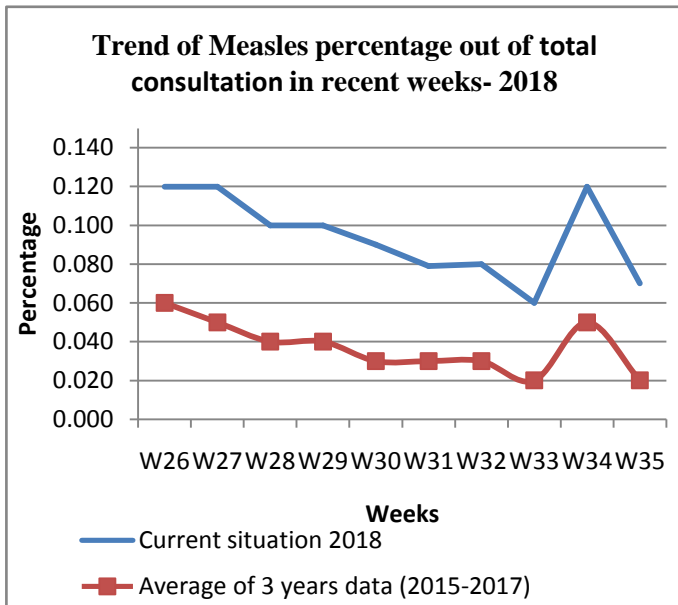
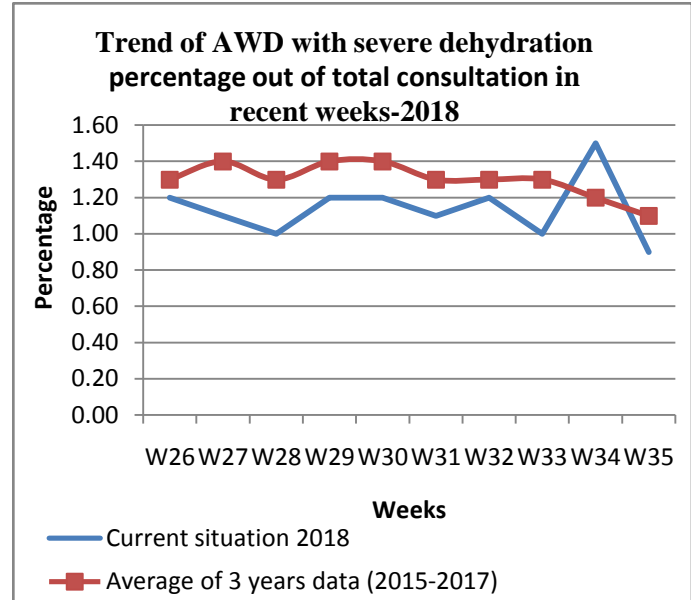
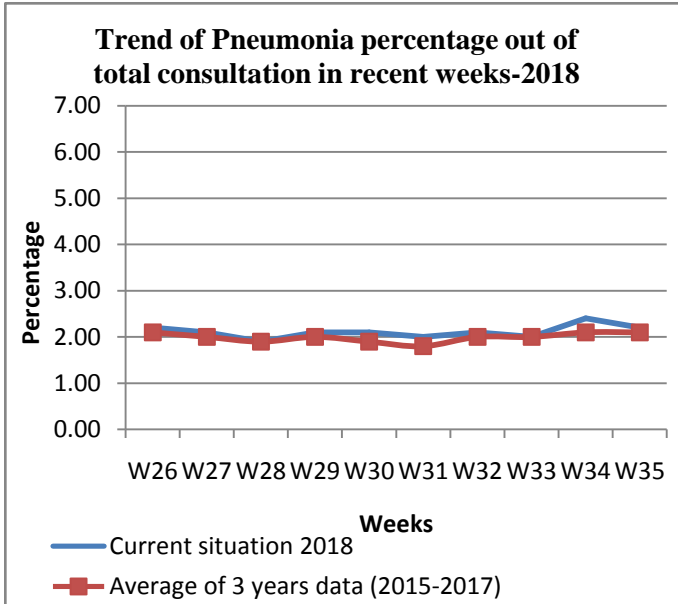


Vaccine Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 35th, 2018

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	266	74	340	0	0	0	0.00
Pertussis	6	0	6	0	0	0	0.00

Seasonal Diseases:



During week 35th total of 58 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
27 Aug 2018	Kabul	District 2	Pole atral	1	1	27 Y	Shopkeeper	During this week the CCHF cases are significantly increased compared to the previous week and the same week of last year.
27 Aug 2018	Balkh	Tajqurghan	Guzarkhana	1	0	78 Y	Jobless	
27 Aug 2018	Kabul	District 1	Barchi	1	1	68 Y	Jobless	
27 Aug 2018	Kapisa	HesaAwal	Khamzargar	1	0	18 Y	Farmer	
27 Aug 2018	Kabul	District 6	ShahrakHaje Nabi	1	0	45 Y	Jobless	
27 Aug 2018	Kabul	District 5	Khoshhal Khan	1	0	25 Y	Student	
29 Aug 2018	Kabul	Paghman	Arghandi	1	0	25 Y	Jobless	
29 Aug 2018	Ghazni	Qarabagh	Langar	1	0	32 Y	Butcher	
29 Aug 2018	Kabul	District 7	Chliston	1	0	27 Y	Jobless	
29 Aug 2018	Kabul	District 7	Chliston	1	0	17 Y	Student	
29 Aug 2018	Kabul	District 12	ArzanQeemat	1	0	20 Y	Student	Majority of the cases were reported from Heart and Kabul provinces, had direct contact with infected animals or were involved in sacrifice processes during Eid-e-Qurban days, case management was done for all the cases.
29 Aug 2018	Kabul	District 12	ArzanQeemat	1	0	23 Y	Doctor	
29 Aug 2018	Logar	Barakibar ak	Barakibarak	1	0	18 Y	Butcher	
29 Aug 2018	Kabul	District 12	Sari kutal	1	0	30 Y	Butcher	
29 Aug 2018	Kabul	District 13	Barchi	1	0	22 Y	Jobless	
29 Aug 2018	Kabul	District 13	Barchi	1	1	26 Y	Butcher	
29 Aug 2018	Balkh	Mazar city	Ziruddin	1	0	50 Y	Shopkeeper	
29 Aug 2018	Kunar	Manom Gul	Pish dara	1	0	20 Y	Farmer	
30 Aug 2018	Kabul	District 16	Qala Zaman khan	1	0	40 Y	Housewife	
30 Aug 2018	Hemand	0	0	1	0	50 Y	Jobless	
30 Aug 2018	Kabul	District 4	Karta-e Parwan	1	0	30 Y	Jobless	The Case Fatality rate (CFR) of CCHF cases in this week was 13.2 % (per 100)
30 Aug 2018	Kabul	Mir bachakut	Duko	1	1	53 Y	Jobless	
30 Aug 2018	Kabul	Bagrami	But khak	1	1	25 Y	Butcher	
30 Aug 2018	Kabul	District 7	Chilston	1	0	41 Y	Worker	
30 Aug 2018	Kabul	District 6	Sharak haji nabi	1	0	23 Y	Housewife	
30 Aug 2018	Kabul	District 17	Kutalkhirkhana	1	0	40 Y	Jobless	
30 Aug 2018	Balkh	Nahreshahi	Langar khana	1	1	18 Y	Architect	
30 Aug 2018	Kabul	District 8	Kart-e- naw	1	0	60 Y	Jobless	
30 Aug 2018	Balghlan	Talawbarf ak	Ashraf	1	0	19 Y	Student	
31 Aug 2018	Laghman	Qraikhi	Zadrani	1	0	50 Y	Jobless	
1 September 2018	Kabul	District 9	Hudkhil	1	0	27 Y	Student	
1 Sep 2018	Laghman	Alingar	BdiulAzar	1	0	16 Y	Student	
1 Sep 2018	Ghazni	District 2	Qala Amir Mohammad Khan	1	0	28 Y	Pharmacist	
26 Aug 2018	Hirat	Zenda jan	Shakiban	1	0	30 Y	Housewife	
26 Aug 2018	Hirat	City	Area 5	1	0	30 Y	Shopkeeper	
28 Aug 2018	Hirat	City	Area 4	1	0	30 Y	Shopkeeper Farmer	
28 Aug 2018	Hirat	City	Area 6	1	0	20 Y	Mechanic	

28 Aug 2018	Hirat	City	SoltanAqa	1	0	30 Y	Shopkeeper			
28 Aug 2018	Hirat	karukh	Qalasharbat	1	0	40 Y	Farmer			
28 Aug 2018	Hirat	Ghoryan	Center	1	1	30 Y	Butcher			
28 Aug 2018	Hirat	City	Area 11 th	1	0	24 Y	Housewife			
29 Aug 2018	Hirat	City	Area 3 th	1	0	30 Y	Housewife			
29 Aug 2018	Hirat	City	Farqa	1	0	45 Y	Shopkeeper			
30 Aug 2018	Hirat	Injil	Doqh abad	1	0	45 Y	Housewife			
30 Aug 2018	Hirat	City	Area 6	1	0	60 Y	Housewife			
30 Aug 2018	Hirat	City	Qolordo	1	0	30 Y	Worker			
31 Aug 2018	Hirat	Shindand	Center	1	0	40 Y	Pharmacist			
25 Aug 2018	Hirat	Shindand	Center	1	0	30 Y	Housewife			
25 Aug 2018	Hirat	Shindand	Center	1	0	17 Y	Teacher			
25 Aug 2018	Hirat	Shindand	Center	1	0	25 Y	Student			
25 Aug 2018	Hirat	Shindand	Center	1	0	18 Y	Worker			
25 Aug 2018	Hirat	Shindand	Center	1	0	30 Y	Housewife			
25 Aug 2018	Hirat	Shindand	Center	1	0	30 Y	Farmer			
25 Aug 2018	Hirat	Shindand	Center	1	0	19 Y	Cooker			
Measles outbreaks										
Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Total deaths	coverage %	Vaccination	Recommendation/Action take
31 Aug 2018	Paktika	Sharana	Sharana	6	1	7	0	40%	Plan	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.
26 Aug 2018	Wardak	Chak-e-wardak	UNKN OWN	7	8	15	0	40%	Plan	
Chickenpox outbreaks										
Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Total deaths	Recommendation/Action take		
27 Aug 2018	Urozgan	Tarinkot	Shahmansor	5	7	12	0	The outbreak was investigated; cases were treated and health education session conducted in the affected area. The active surveillance has been established for investigation of further cases, awareness sessions are needed in the schools for prevention of further spread.		
Dog bite/suspected Rabies outbreaks										
Reported dated	Province	District	Village	Total cases		Total deaths		Recommendation/Action take		
25 Aug 2018	Takhar	Taluqan city	Malika Khutayann	NA		0		The outbreaks was investigated, the cases were treated, vaccination was advised and health education was provided, Relevant programs are requested to implement the preventive and control measures for prevention of further spread.		
Food poisoning outbreaks										

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
30 Aug 2018	Parwan	Charikar	Parcha 12	6	0	Food Poisonings are the 6 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 the poisoning outbreaks.

Figure 3: Outbreaks investigated during the week 35th,2018

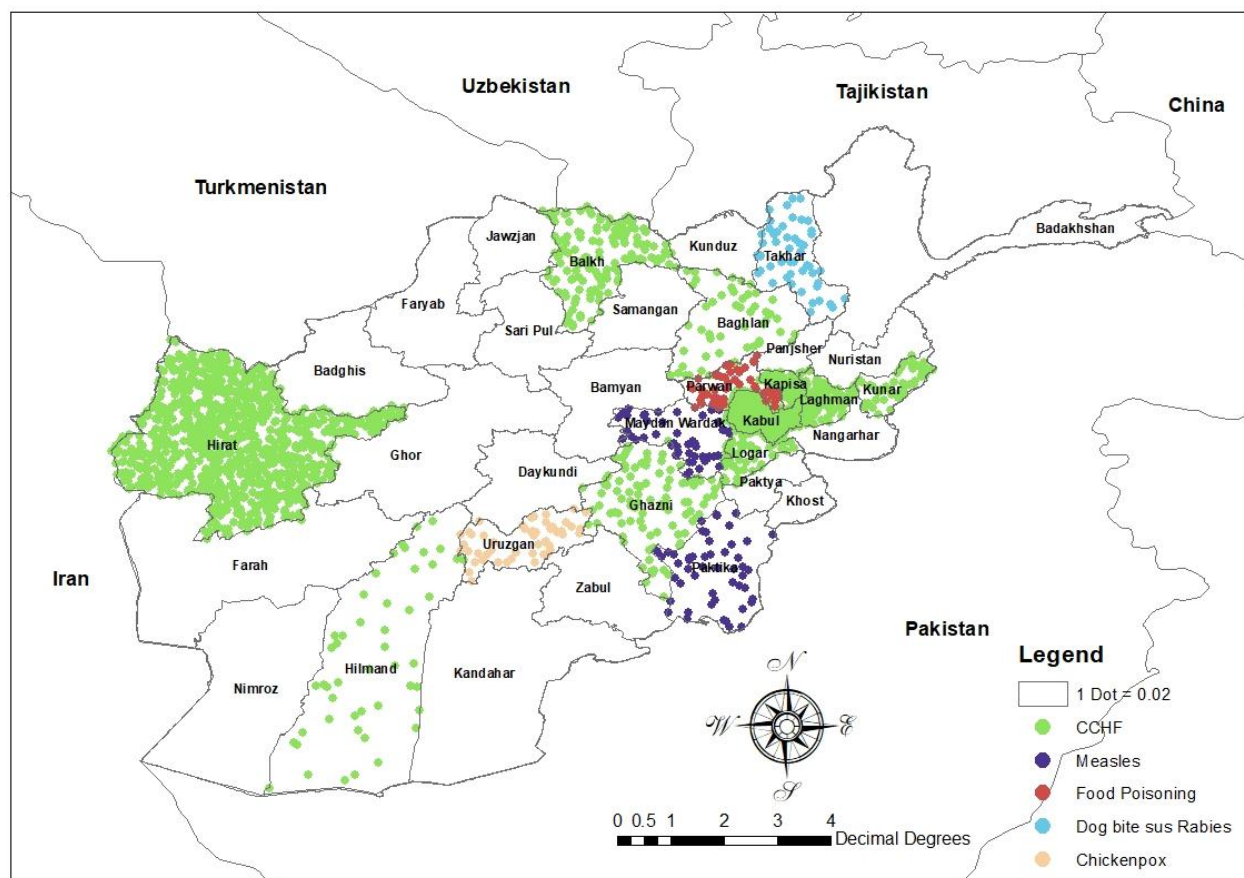


Table 2: Updates on the outbreaks reported during2018 (31 Dec 2107 to 01 Sep 2018)

Disease/event	No. of outbreaks	No. of lab-confirmed Outbreaks	No. of cases	No. of deaths
CCHF	330	77	359	42
Measles	206	134	2743	19
Chickenpox	23	1	378	0
Dog bites/Suspected Rabies	20	1	166	2
Pertussis	19	1	142	0

Food poisoning	7	0	421	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	629	217	5225	66

Laboratory surveillance:

In this week a total of 141 different specimens/samples were received by CPHL, out of which 14 specimens were positive and 17 specimens were negative for Measles, one specimen was positive for Rubella and one specimen was negative for H1N1 while the rest are under process. (Follow up by the CPHL is going on).

Influenza Surveillance activity

In Epidemiologic week 35, 2018, we have received Epidemiological reports from 9 out of 9 sentinel sites. Out of all new hospital admission, 131(3%) Sever Acute Respiratory Infections cases were reported and 74% of them were among under 5 years old. The proportion of SARI cases was increased than week 34. No SARI associated death was reported in this week.

In EPI week 35 our National Influenza Center (NIC) received 31 SARI and 18 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.