



National Disease Surveillance  
& Response (NDSR)

## Weekly Epidemiological Report–23<sup>rd</sup>

Date: 02 to 08 June 2019

### Summary:

- Out of 651 functional Surveillance sentinel sites, 617(94.7%) have submitted reports this week.
- Out of a total 375,623 new consultations, 129,862(34.6%) were due to Surveillance targeted diseases.
- Main causes of consultations this week were Acute Diarrheal Diseases, 59,644 cases, 15.8% out of total new consultations, ARI (Cough & Cold, 56,302 cases, 15% out of total new consultations and Pneumonia, 11,077 cases, 2.9% out of total new consultations).
- A total of 192 deaths were reported this week, of which 33 were due to Surveillance targeted diseases, which includes 14 Pneumonia deaths, 10 Meningitis deaths, 06 Acute Diarrheal Deaths, 02 Hemorrhagic fever deaths and one Pregnancy related death reported from Lashkar gah sentinel site.
- Total of 26 outbreaks reported this week; of which 21 were CCHF outbreaks reported from Kabul, Herat, Ghazni, Faryab, Balkh, Parwan and Khost provinces, 03 Dog bite/suspected Rabies outbreaks reported from Kapisa and Paktika provinces, one Pertussis outbreak reported from Zabul province and one Chickenpox outbreak reported from Parwan province.

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

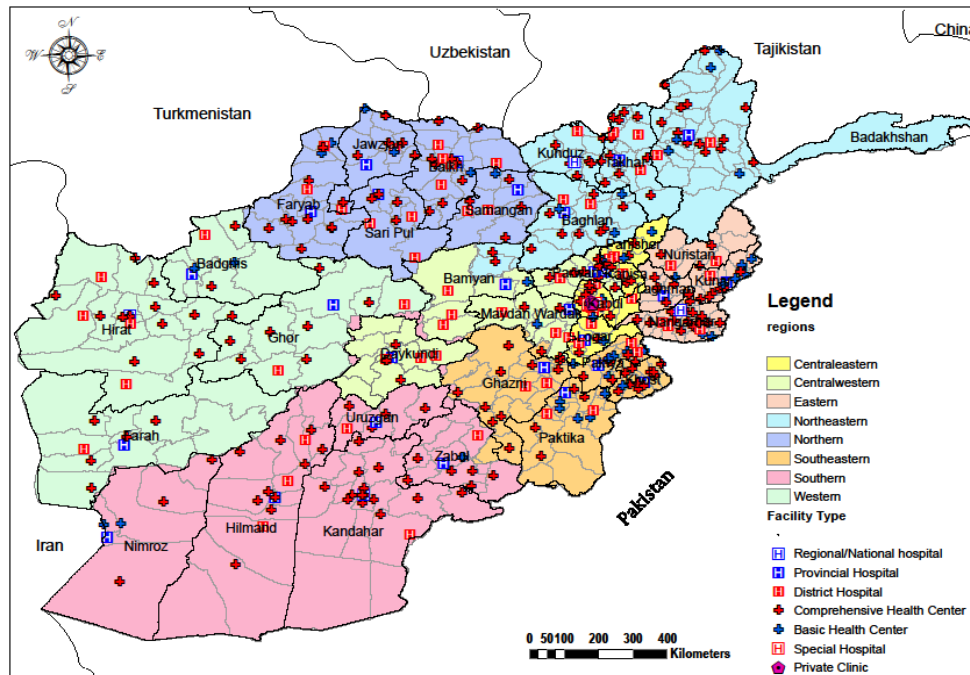


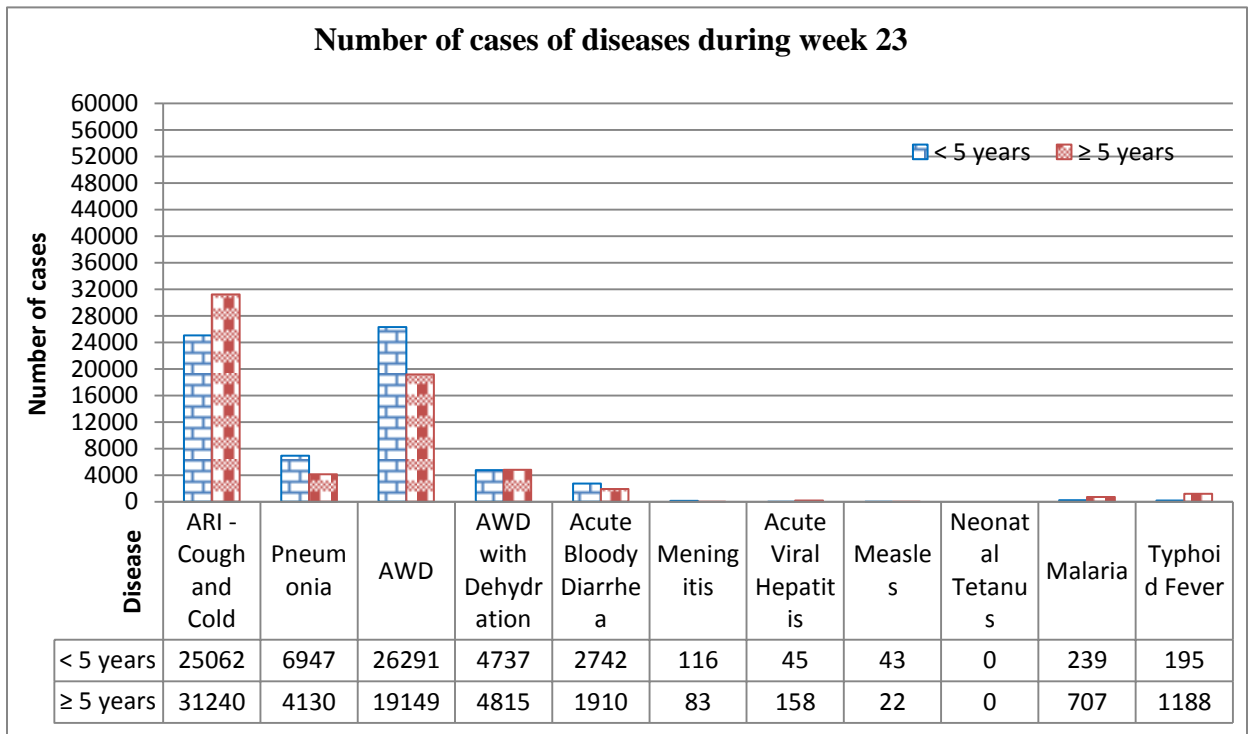
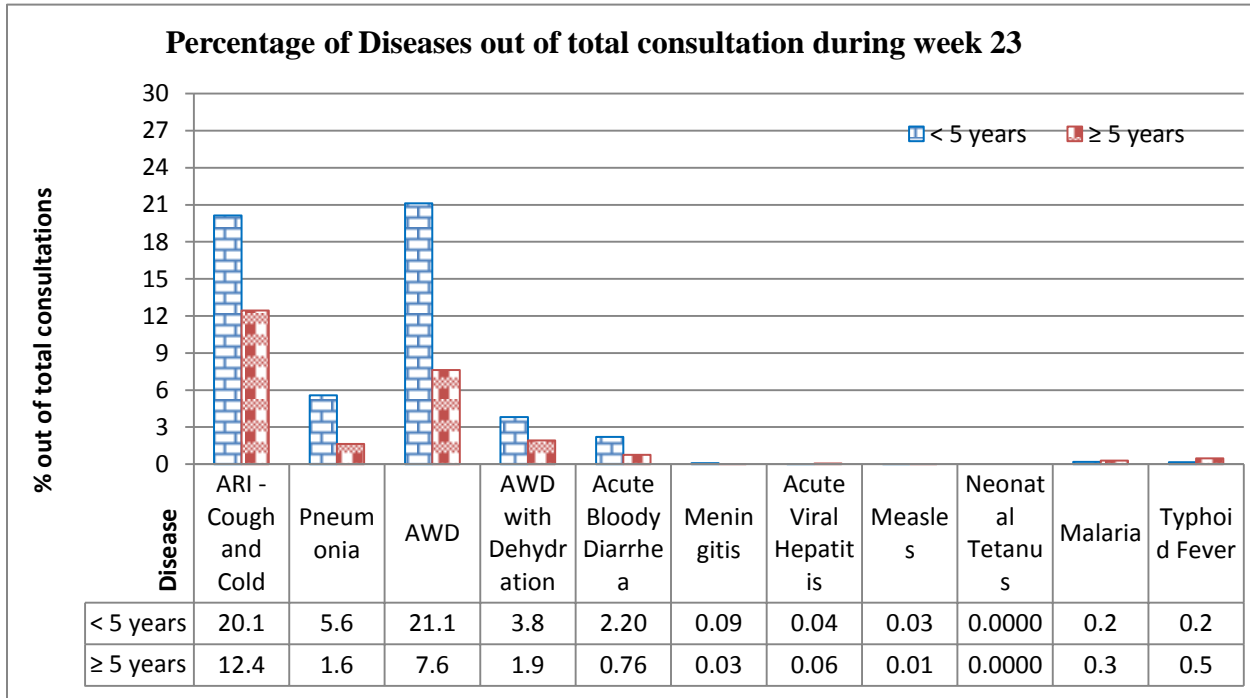
Table 1: Coverage of NDSR Surveillance System

Type of Health Facility	RH/PH	DH	CHC/BHC	Polyclinic	Private Hospital	Special Hospital	Subcenter	Total
Total Health Facilities (HF)	34	80	1,239	1	293	29	1017	2,693
HF covered by NDSR-Plus	32	77	453	1	50	13	25	651

**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**

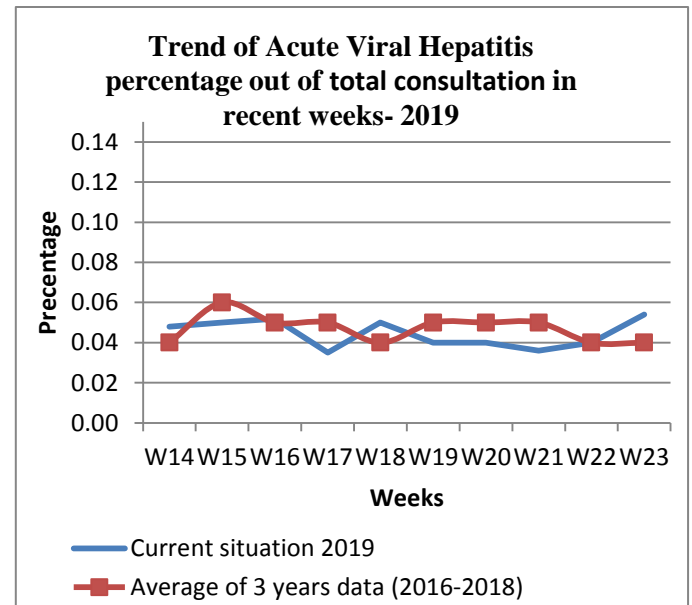
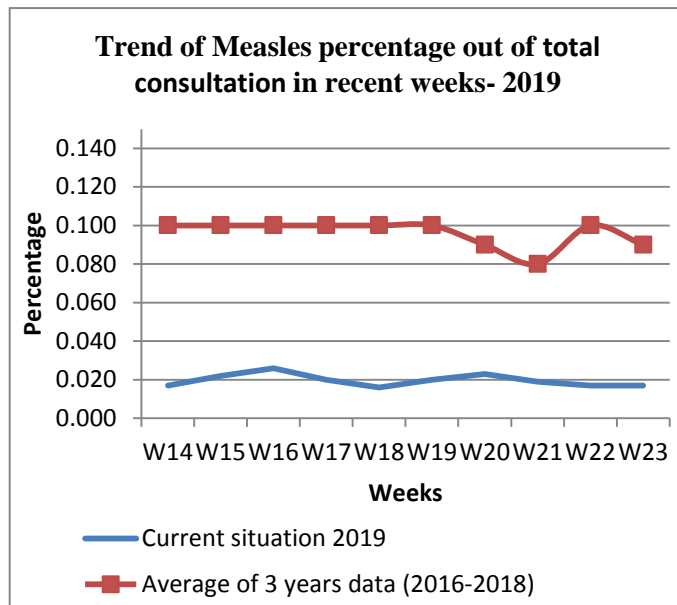
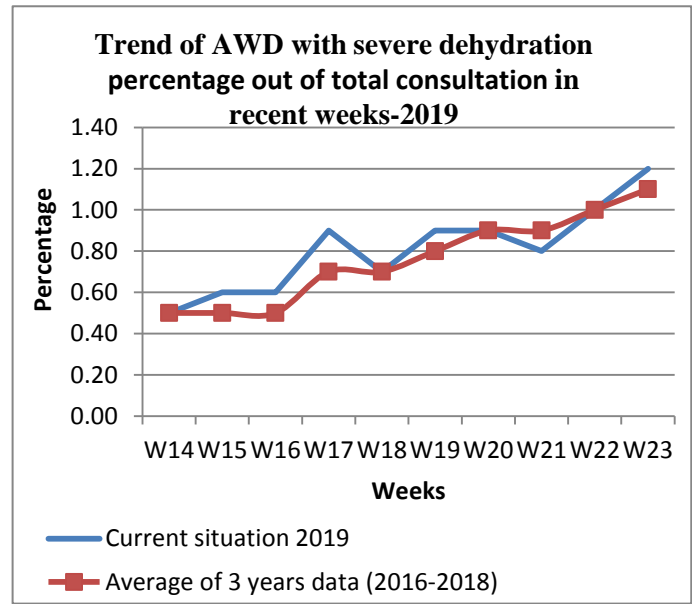
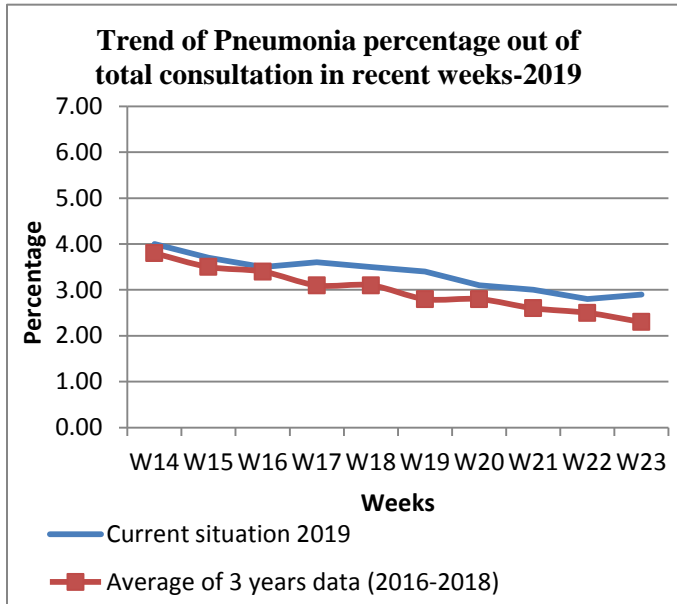


## Vaccine Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 23<sup>rd</sup>, 2019

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	43	22	65	0	0	0	0.00

### Seasonal Diseases:



During week 23<sup>rd</sup> total of 26 outbreaks detected, investigated and responded by NDSR teams and the related stakeholders. The details are as below:

Suspected CCHF Outbreaks								
Reported dated	Province	District	Village	Total cases	Total deaths	Age	Occupation	Recommendation/Action take
2 June 2019	Ghazni	Center	Mughlan	1	1	48 Y	Animal dealer	During this week total of 21 suspected CCHF cases were reported from Kabul, Herat, Ghazni, Faryab, Balkh, Parwan and Khost provinces, had probable contact with animals or the tissues of the animal, case management was done, and health education sessions were conducted. Case Fatality rate for CCHF was 9.5% (per 100) in this week
3 June 2019	Kabul	District 15	District 15	1	1	23 Y	Agent	
8 June 2019	Faryab	Maimana-Juma Bazar	Ghazari	1	0	40 Y	Housewife	
4 June 2019	Kabul	Paghman	Parachi	1	0	18 Y	Student	
5 June 2019	Ghazni	Andar	Panah	1	0	16 Y	Housewife	
5 June 2019	Balkh	Sholgara	Siah Aab	1	0	17 Y	Housewife	
6 June 2019	Parwan	Shinwari	Dandor	1	0	35 Y	Farmer	
7 June 2019	Khost	Tarzani	Hesarak	1	0	48 Y	Farmer	
8 June 2019	Kabul	District 3	Karta-e-sai	1	0	18 Y	Student	
8 June 2019	Kabul	District 12	Said Jammaluddin	1	0	16 Y	Housewife	
4 June 2019	Faryab	Khwaja sabz push	Guzari	1	0	40 Y	Housewife	
8 June 2019	Hirat	Zenda jan	Popalzai	1	0	46 Y	Housewife	
8 June 2019	Hirat	Hirat City	Jade Farhang	1	0	20 Y	Butcher	
8 June 2019	Hirat	Hirat City	Gang	1	0	23 Y	Butcher	
8 June 2019	Hirat	Hirat City	Shalbafan	1	0	45 Y	Butcher	
8 June 2019	Hirat	Injil	Rawashan	1	0	42 Y	Driver	
8 June 2019	Hirat	Injil	Qale Said qanad	1	0	45 Y	Farmer	
8 June 2019	Hirat	Hirat City	Abdul wahid	1	0	25 Y	Housewife	
8 June 2019	Hirat	Guzara	Sanwgard	1	0	28 Y	Housewife	
8 June 2019	Hirat	Zenda jan	Popalzai	1	0	50 Y	Teacher	
8 June 2019	Hirat	Zenda jan	Shada	1	0	30 Y	Housewife	
Dog bite/suspected Rabies outbreaks								
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take		
6 June 2019	Paktika	Sharan	Omberkhil	6	0	In this week three Dog bite/suspected Rabies outbreaks were reported from Kapisa and Paktika provinces, the outbreaks were investigated, case management was done for all the cases, and health education sessions were conducted as well		
3 June 2019	Kapisa	Nejrab	Dara-e-Ghaws	4	0			
6 June 2019	Kapisa	Mahmud raqi	Reg rawan	8	0			
Clinical Chickenpox Outbreak								
Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take		
2 June 2019	Parwan	Bagram	Ghulam Ali	19	0	In this week one Chickenpox outbreak was reported from Parwan province, the outbreak was investigated, case management was done for all the cases, and health education session was conducted as well		

Suspected Pertussis Outbreak										
Reported date	Province	District	Village	<5 cases	≥5 cases	Total cases	Total deaths	Coverage %	Vaccination	Recommendation/Action take
1 June 2019	Zabul	Mizinan	Selam	10	11	21	0	34 %	31 children	In this week one suspected Pertussis outbreak was detected and investigated in Zabul province, case management was done for all the cases, vaccination plan was prepared for the surrounding villages eligible children, health education session was conducted as well.

Figure 3: Outbreaks investigated during the week 23<sup>rd</sup>, 2019

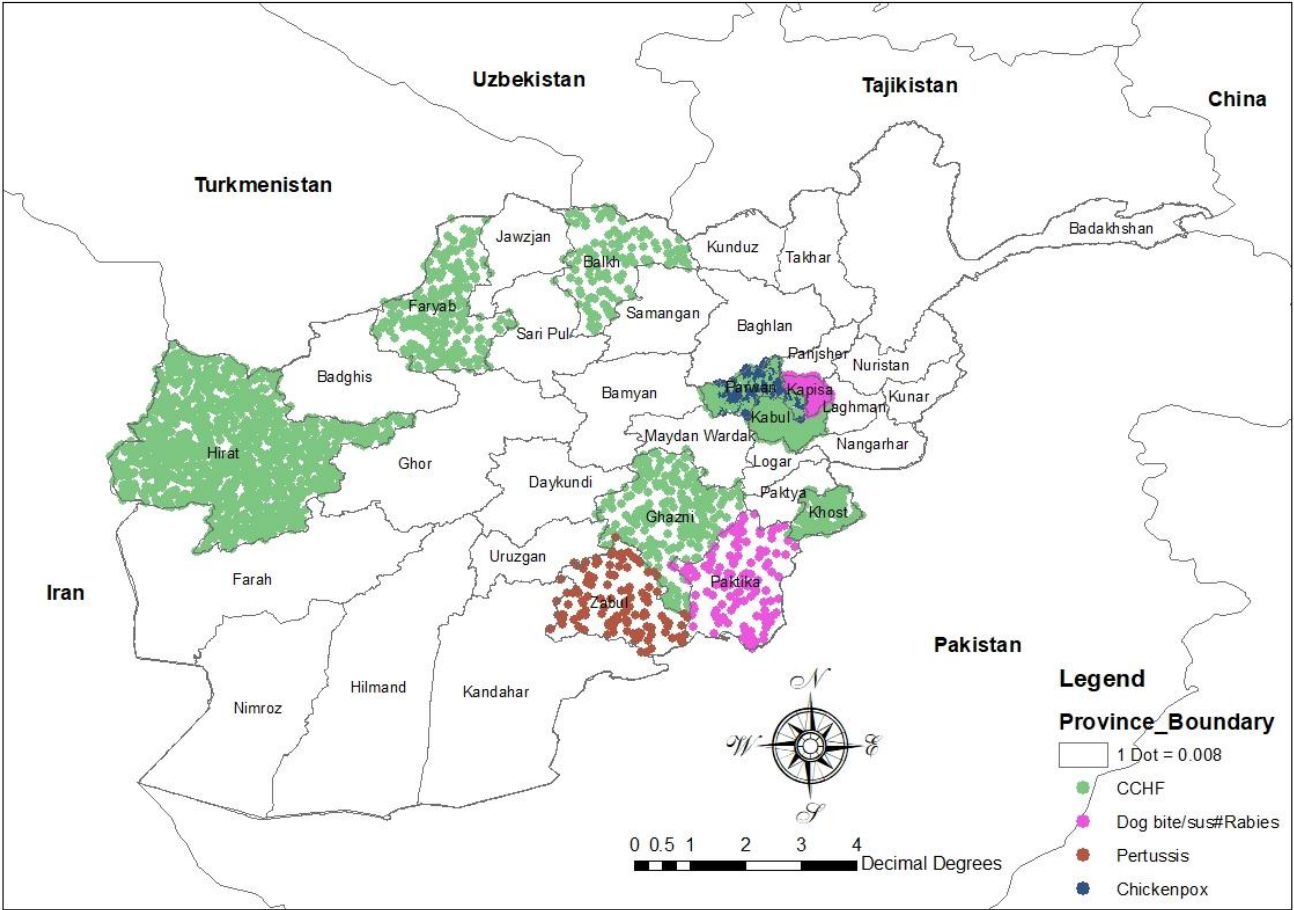


Table 2: Updates on the outbreaks reported during 2019 (30 Dec 2018 to 08 June 2019)

Disease/event	No. of outbreaks	No. of lab-confirmed Outbreaks	No. of cases	No. of deaths
CCHF	101	8	104	9
Measles	19	14	175	2
Dog bites/Suspected Rabies	16	2	79	2
Chickenpox	13	1	256	0
Pertussis	7	0	73	0
Scabies	7	0	320	0
Leishmaniasis	3	2	85	0
Food poisoning	2	0	65	0
Coal Poisoning	2	0	8	2
Typhoid Fever	1	0	72	0
Acute Viral Hepatitis	1	1	33	0
Pneumonia	1	0	51	3
Mumps	1	0	92	0
Unknown Hemorrhagic	1	0	9	2
Mass psychogenic Illness	1	0	12	0
Mushroom poisoning	1	0	9	0
Acute Watery Diarrhea	1	0	28	0
ARI	1	0	629	0
Diphtheria	1	0	1	0
<b>Grand Total</b>	<b>180</b>	<b>28</b>	<b>2101</b>	<b>20</b>

#### Laboratory surveillance:

In this week a total of 28 different specimens/samples were received by CPHL, out of which 01 specimen was positive for CCHF while the rest are under process. (Follow up by the CPHL is going on).

#### Influenza Surveillance activity

In Epidemiologic week 23, 2019, we have received Epidemiological reports from 9 out of 9 sentinel sites. (Kabul , Kapisa, Balkh , Herat , Kandahar , Bamyana , Paktya , Nangarhar , and Baghlan). Out of all new hospital admission, 97(3.1%) Sever Acute Respiratory Infections cases were reported and 64% of them were among under 5 years old. The proportion of the SARI cases was the same as week 22. Two SARI associated death was reported in this week.

In EPI week 23, our National Influenza Center (NIC) received 29 SARI and 12 ILI specimens from all 9 surveillance sites. The lab result is pending for this week.

**Recommendations:**

- The big proportion of cases and deaths due to ARI-Pneumonia/SARI is still the cause of concern.
- CDC/MAIL: As the system detected 21 suspected CCHF cases in this week, therefore further prevention and control measures can be conducted by CDC/MAIL.
- More coordination with the lab about the typhoid samples testing and culture for detection of MDR cases should be considered.
- The findings should be analyzed further in different levels and appropriate actions to be taken by the concerned departments