



National Disease Surveillance
& Response (NDSR)

Weekly Epidemiological Report–27th

Date: 07 July to 13 July 2019

Summary:

- Out of 651 functional Surveillance sentinel sites, 620(95.2%) have submitted reports this week.
- Out of a total 576,822 new consultations, 198,605(34.4%) were due to Surveillance targeted diseases.
- Main causes of consultations this week were Acute Diarrheal Diseases, 95,463 cases, 16.6% out of total new consultations, ARI (Cough & Cold, 85,228 cases, 14.8% out of total new consultations and Pneumonia, 13,135 cases, 2.3% out of total new consultations).
- A total of 219 deaths were reported this week, of which 34 were due to Surveillance targeted diseases, which includes 21 Pneumonia deaths, 05 Acute Diarrheal Disease deaths, 03 Pregnancy related deaths reported from Mahmood Raqi, Nayeb Aminullah and Samangan PH sentinel sites, 03 Hemorrhagic deaths, one Meningitis death and one Acute Viral Hepatitis death.
- Total of 28 outbreaks reported this week; of which 25 were CCHF outbreaks reported from Kabul, Herat, Balkh, Faryab, Kapisa, Ghazni, Kunduz, Laghman, and Wardak provinces, 02 Measles outbreaks reported from Paktya and Sare pul provinces and one Food Poisoning outbreak reported from Faryab province.

Figure 1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility

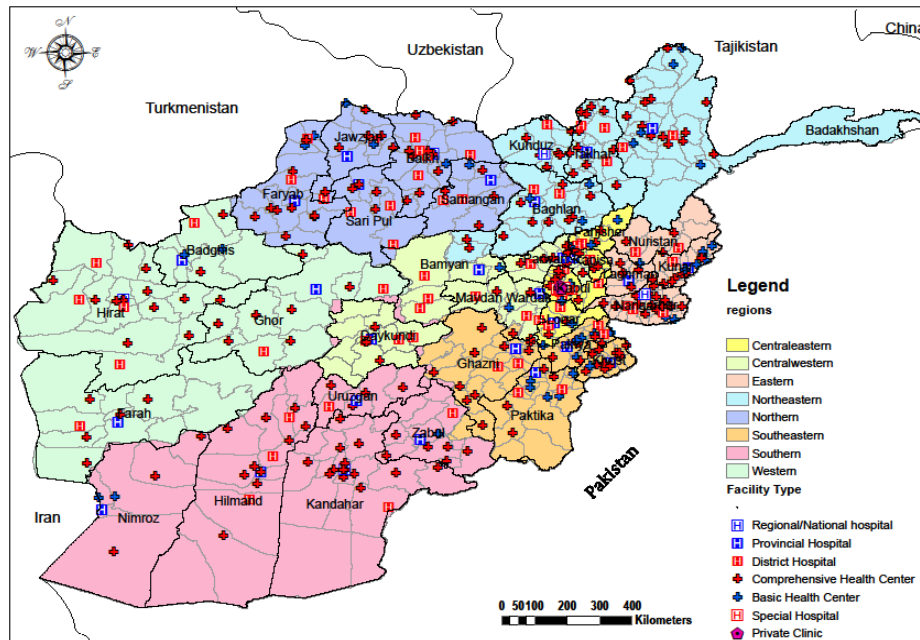


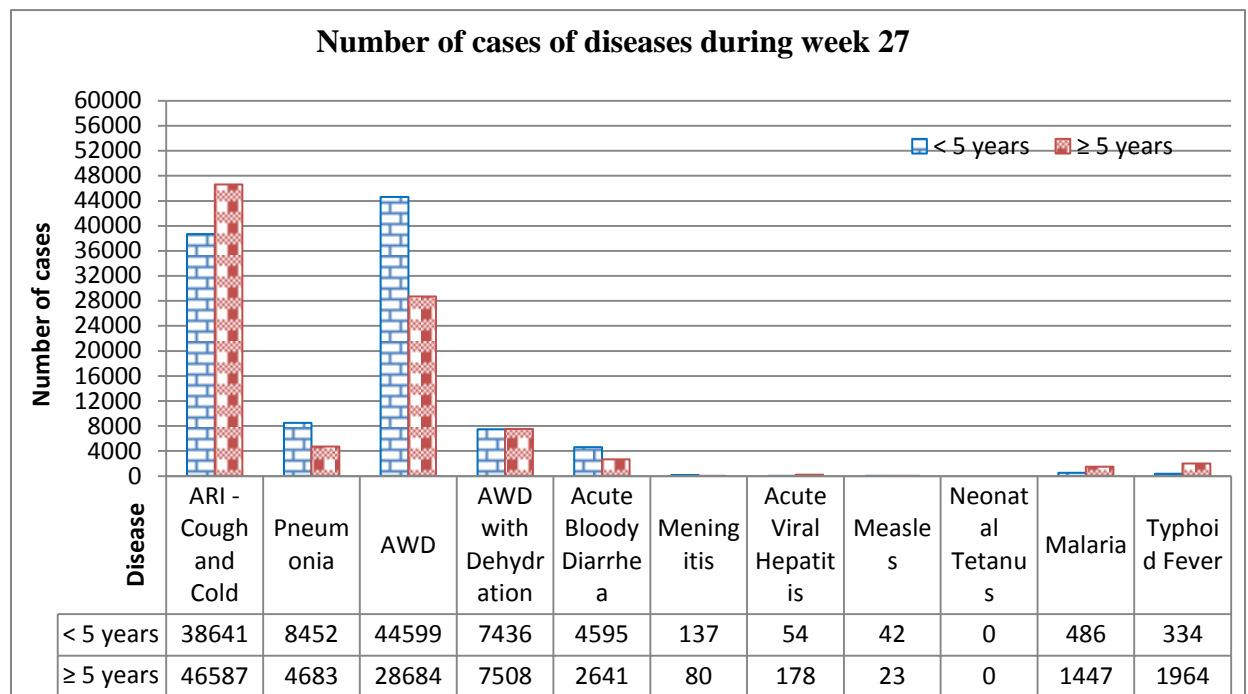
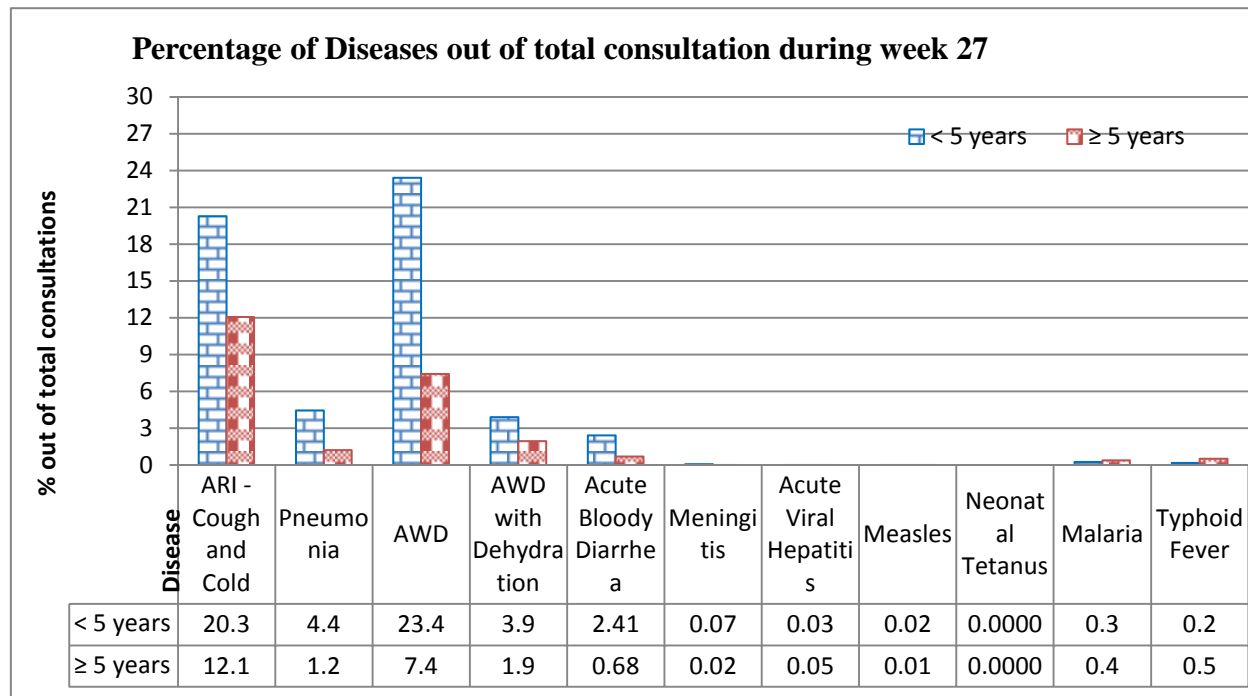
Table 1: Coverage of NDSR Surveillance System

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

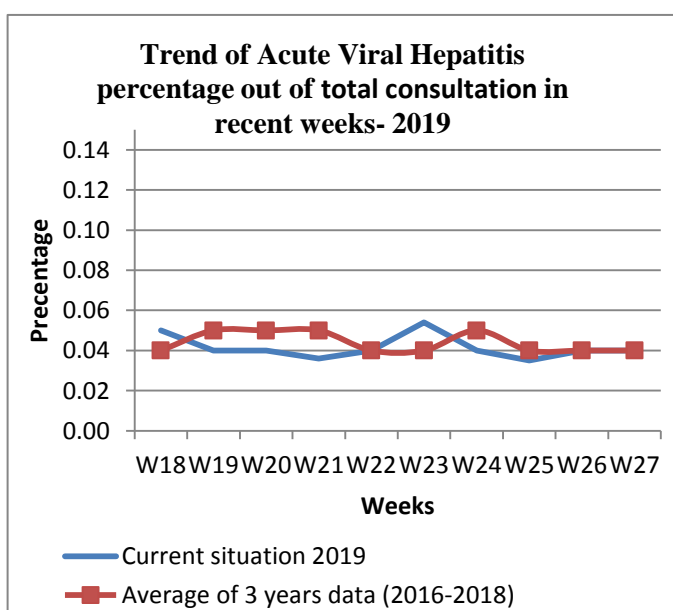
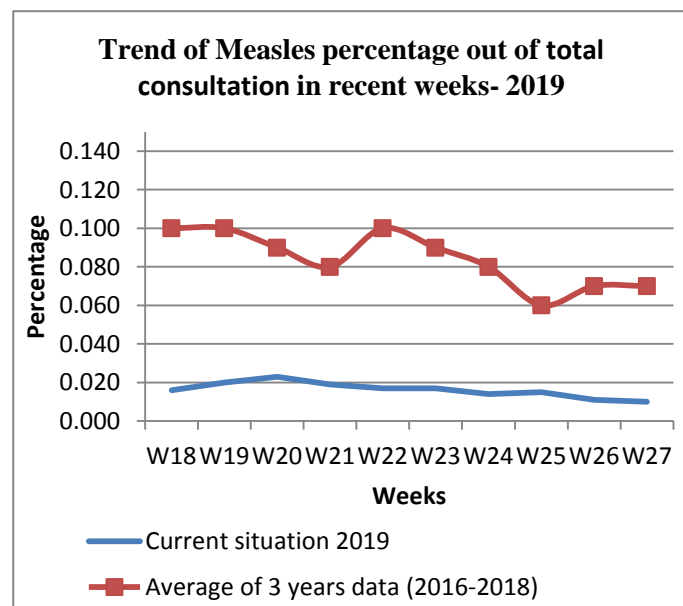
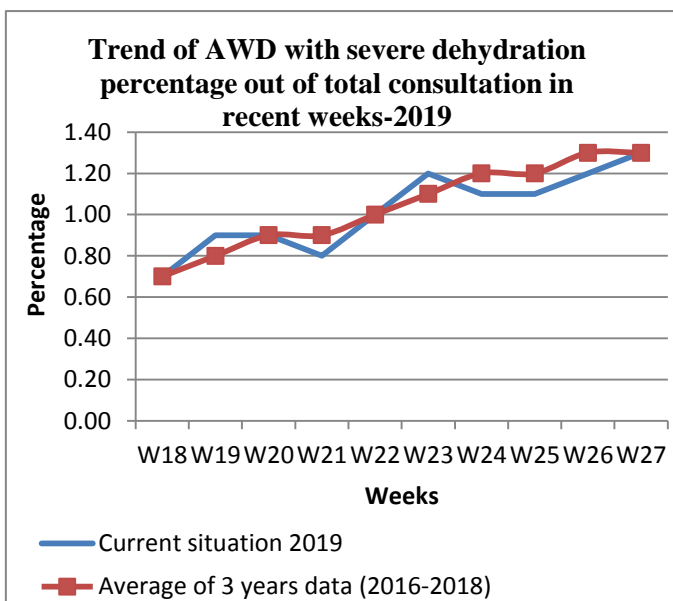
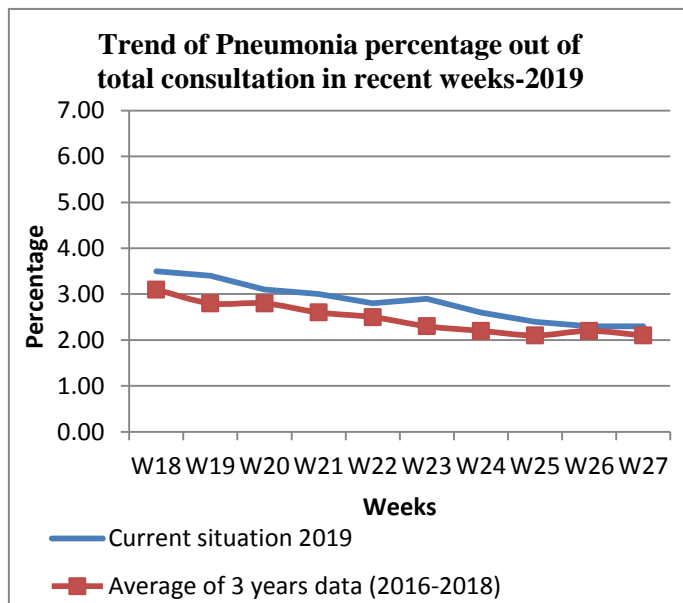


Vaccine Preventable Diseases (VPDs):

Table 2: Cases and deaths due to VPDs by age group during week 27th, 2019

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Measles	42	23	65	0	0	0	0.00

Seasonal Diseases:



During week 27th total of 28 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
1 July 2019	Kabul	District 10	Sharak Aria	1	0	16 Y	Butcher	During this week 25 suspected CCHF cases were reported from Herat, Kabul, Balkh, Faryab, Kapisa, Ghazni, Kunduz, Laghman, and Wardak 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 12% (per 100) in this week
1 July 2019	Kapisa	Kohband	Arabkhail	1	1	45 Y	Butcher	
2 July 2019	Faryab	Pashton kut	Kata Qala	1	1	35 Y	Worker	
2 July 2019	Wardak	Bandi Chak	Qazi khail	1	0	33 Y	Animal dealer	
3 July 2019	Kabul	District 11	Khair khana	1	1	27 Y	Health staff	
3 July 2019	Kabul	District 11	Khair khana	1	0	17 Y	Student	
3 July 2019	Balkh	Mazar-e-sharif	Dehdadi	1	0	50 Y	Farmer	
3 July 2019	Balkh	Mazar-e-sharif	Markaz	1	0	55 Y	Housewife	
4 July 2019	Kabul	Deh sabez	Bakhtyaran	1	0	35 Y	Worker	
4 July 2019	Ghazni	Markaz	Markaz	1	0	67 Y	Butcher	
4 July 2019	Kunduz	District 3	Markaz	1	0	35 Y	Butcher	
4 July 2019	Laghman	Laghman	Mangal por	1	0	22 Y	Worker	
5 July 2019	Kabul	District8	Qala hashmat khan	1	0	27 Y	Driver	
6 July 2019	Kapisa	Hesa-e-dowom	Jamal agha	1	0	24 Y	Butcher	
6 July 2019	Kabul	Qabul Boy	Zani abad	1	0	60 Y	Butcher	
6 July 2019	Kabul	District 5	Qala Nazer	1	0	14 Y	Housewife	
30 June 2019	Hirat	Injil	Gazerga	1	0	45 Y	Worker	
1 July 2019	Hirat	Koshke Robot sangi	Kakar Abad	1	0	50 Y	Housewife	
30 June 2019	Hirat	Injil	Farashan	1	0	27 Y	Worker	

1 July 2019	Hirat	Pashton zarghon	Tonian	1	0	19 Y	Worker
1 July 2019	Hirat	Guzara	Gushmir	1	0	50 Y	Housewife
1 July 2019	Hirat	Pashton zarghon	Yahyah	1	0	50 Y	Butcher
1 July 2019	Faryab	Pashton kot	Kataqala	1	0	35 Y	Farmer
30 June 2019	Balkh	Nahri shahi	Otaqul	1	0	60 Y	Farmer
30 June 2019	Balkh	Mazar city	Karti zahirulldin faryabe	1	0	28 Y	Shopkeeper

Measles outbreak

Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Total deaths	coverage %	Vaccination	Recommendation/Action take
1 July 2019	Paktia	Gardiz	Kochik hil	3	4	7	0	35 %	25	In this week two Measles outbreaks were reported from Paktya and Sare pul provinces, the outbreaks were investigated, case management was done for all the cases, and health education sessions were conducted as well
29 June 2019	Sar-e-pul	Sanchark	Masjid sabz	2	5	7	0	75 %	under proses	

Food Poisoning outbreak

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
03 July 2019	Faryab	Faryab city	Tandork	23	0	In this week one Food Poisoning outbreak was reported from Faryab province, the outbreaks were investigated, case management was done for all the cases,

						and health education session was conducted as well
--	--	--	--	--	--	--

Figure 3: Outbreaks investigated during the week 27th, 2019

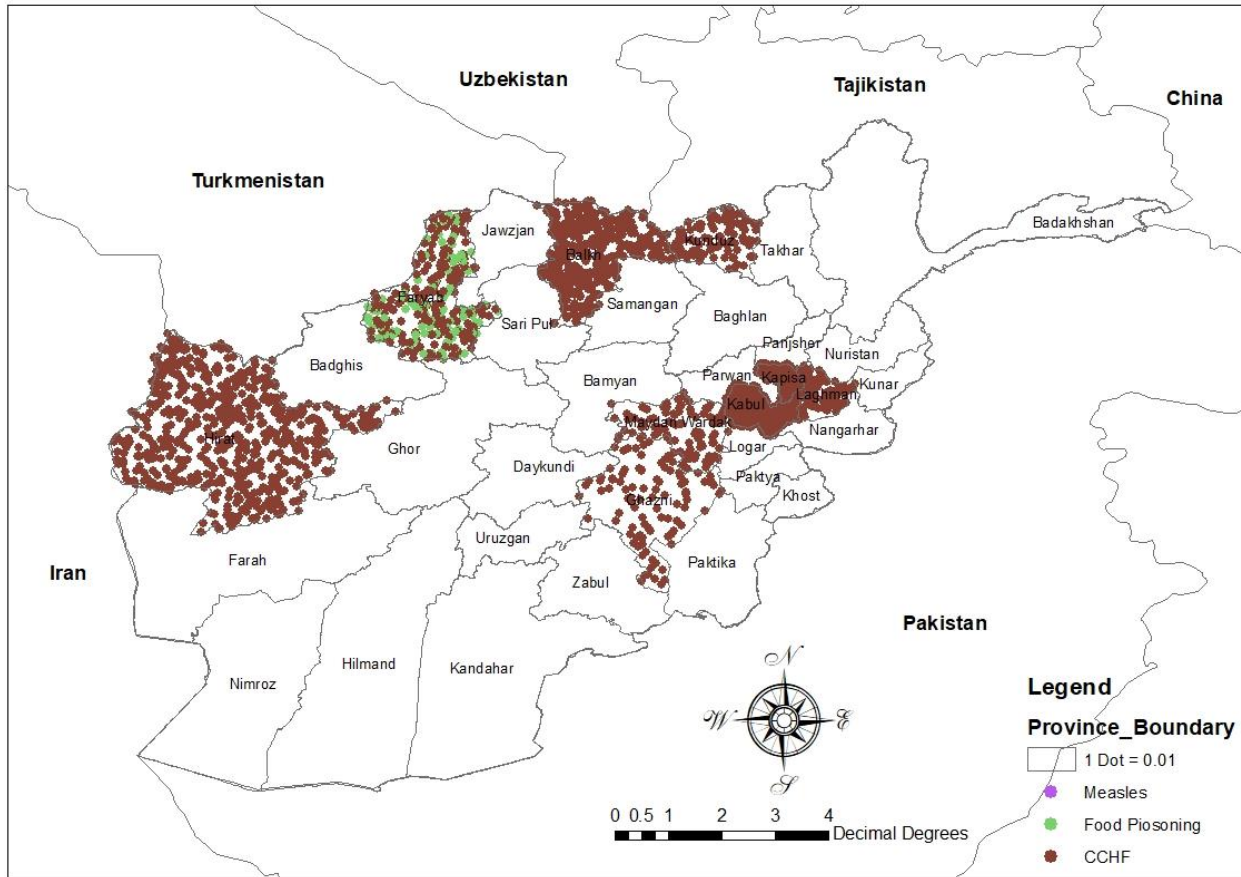


Table 2: Updates on the outbreaks reported during 2019 (30 Dec 2018 to 13 July 2019)

Disease/event	No. of outbreaks	No. of lab-confirmed Outbreaks	No. of cases	No. of deaths
CCHF	189	20	193	25
Measles	23	15	211	2
Dog bites/Suspected Rabies	19	2	90	2
Chickenpox	13	1	256	0
Scabies	7	0	320	0
Pertussis	7	0	73	0
Food poisoning	3	0	88	0
Leishmaniasis	3	2	85	0
Mumps	2	0	107	0
Coal Poisoning	2	0	8	2

Diphtheria	2	0	2	0
Acute Watery Diarrhea	1	0	28	0
Typhoid Fever	1	0	72	0
Mass psychogenic Illness	1	0	12	0
Pneumonia	1	0	51	3
Mushroom poisoning	1	0	9	0
ARI	1	0	629	0
Ring Worm	1	0	36	0
Acute Viral Hepatitis	1	1	33	0
Unknown Hemorrhagic	1	0	9	2
Grand Total	279	41	2312	36

Laboratory surveillance:

In this week a total of 87 different specimens/samples were received by CPHL, out of which 05 specimens were positive for Measles and 01 specimen was positive for Rubella while the rest are under process. (Follow up by the CPHL is going on).

Influenza Surveillance activity

In Epidemiologic week 27, 2019, we have received Epidemiological reports from 9 out of 9 sentinel sites. (Kabul, Kapisa, Balkh, Herat, Kandahar, Bamyan, Paktya, Nangarhar and Baghlan). Out of all new hospital admission, 120 (3.3%) Severe Acute Respiratory Infections cases were reported and 74 % of them were among under 5 years old. The proportion of SARI cases was the same as 26, 2019. Four SARI associated deaths were reported in this week.

At the provincial level, the top sentinel site with the highest proportion of SARI cases were Kabul (19%) followed by Kapisa (17%) and Bamyan 11%). In Epi week 27, our NIC received 24 SARI and 16 ILI samples from the influenza surveillance sites. The results are pending.

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 25 suspected CCHF cases in this week, therefore further prevention and control measures can be conducted by CDC/MAIL.
- **EPI:** As the system detected 65 suspected Measles cases, further investigation should be conducted by EPI team.
- **RH:** 03 pregnancy related deaths were reported which need the follow up by the assigned maternal death review committees.
- **Lab Surveillance:** 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