

Summary:

- Out of 519 functional Surveillance sentinel sites, 490 (94.4%) have submitted reports this week.
- A total of 495,037 new consultations, 190,609 (38.5%) were due to Surveillance targeted diseases. That included 101,539 males (53.3%) and 89,070 females (46.9%). Also, 94,359(49.5%) under five years old and 96,250 (50.5%) five years old and over, reported this week.
- The main causes of consultations this week were ARI Cough & Cold, 115,678 cases (23.4%) out of total new consultations, Acute Diarrheal Diseases 41,858 cases (8.5%) out of total new consultations and Pneumonia, 24,817 cases (5%) out of total new consultations.
- A total of 198 deaths were reported this week, of which 81 deaths (41 %) were due to Surveillance targeted diseases deaths, which includes 47 Pneumonia deaths, 20 suspected Measles deaths, 09 COVID-19 deaths, 04 suspected Meningitis / Severely Ill Child deaths and 01 Acute Watery Diarrhea (AWD) with Dehydration death.
- A total of **3,180** Measles suspected cases with **20** deaths were reported in this week.
- In addition, during this week 07 outbreaks, 03 **Measles outbreaks** were reported from Logar, Balkh and Nimroz provinces, 02 **food poisonings** were reported from Laghman and Kandahar provinces and 02 **CCHF outbreaks** were reported from Badghis and Samangan provinces
- Moreover, **289** COVID-19 confirmed cases reported at national level.

Figure1: Surveillance/NDSR Sentinel Sites with GPS location by type of Health Facility, 2022

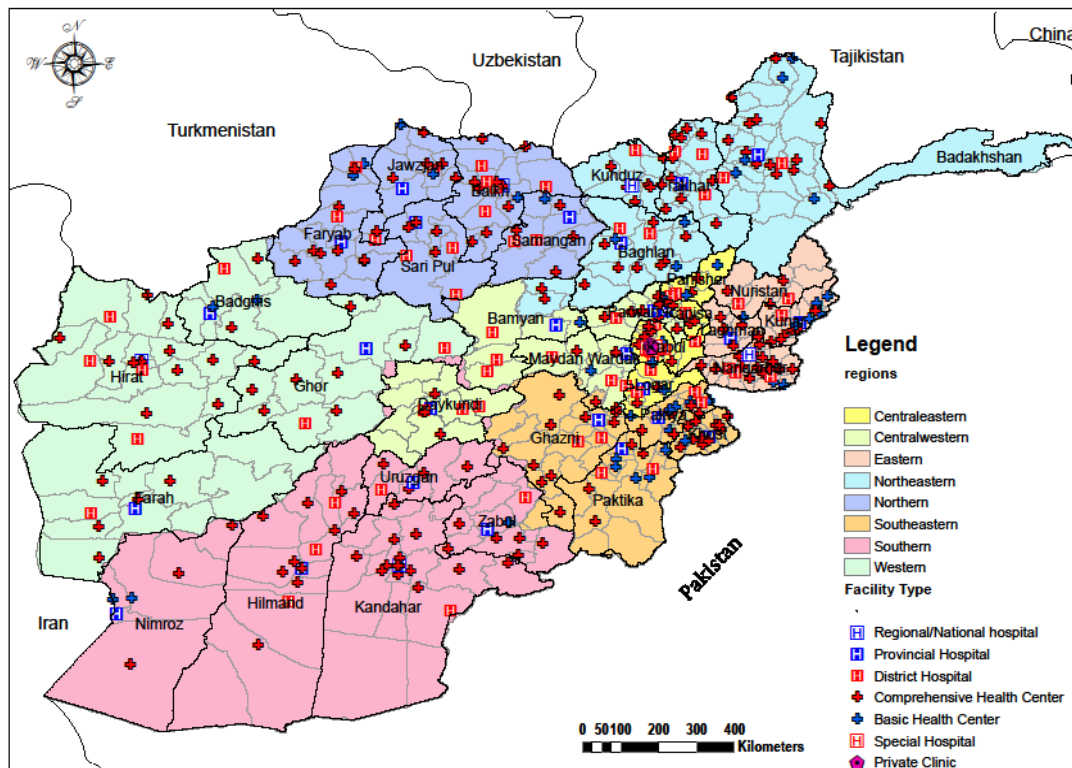


Table 1: Coverage of NDSR Surveillance System

Type of Health Facility	RH	PH	DH	CHC	BHC	NH/ Special Hospital	SHC	Other	Total
Total Health Facilities (HF)	8	27	91	437	900	36	1,106	2,093	4,698
HF covered by NDSR-Plus	6	25	80	310	80	13	1	4	519

Indicator - based Surveillance (IBS):

The indicator-based surveillance component of NDSR report 17 priority conditions/infectious diseases from sentinel sites on weekly bases. The data is compared with previous weeks and the corresponding weeks 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: A

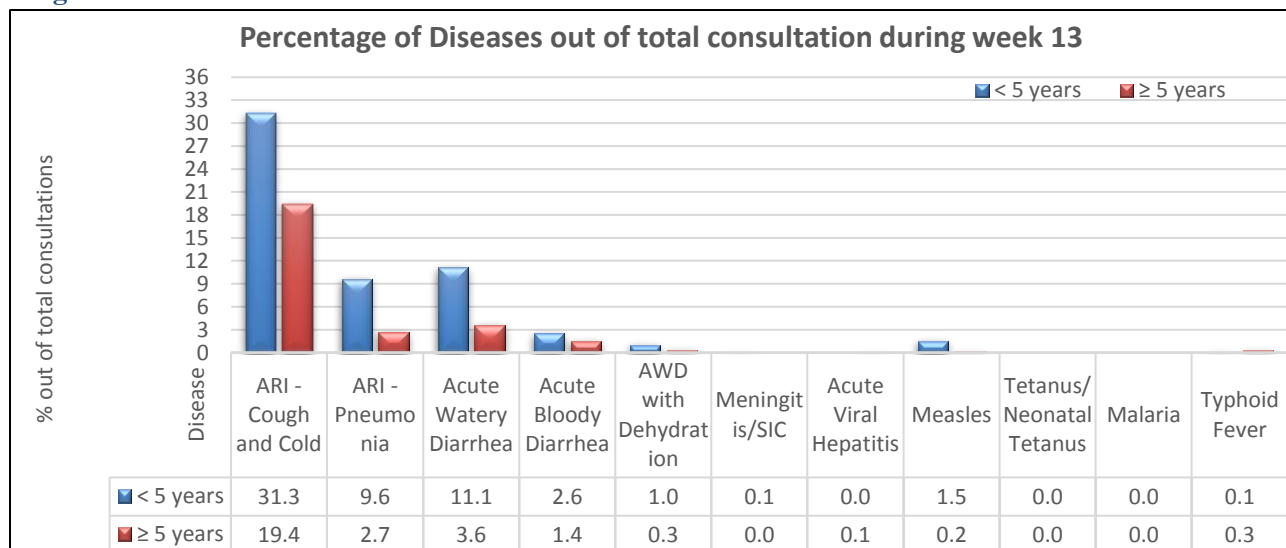


Figure 2: B

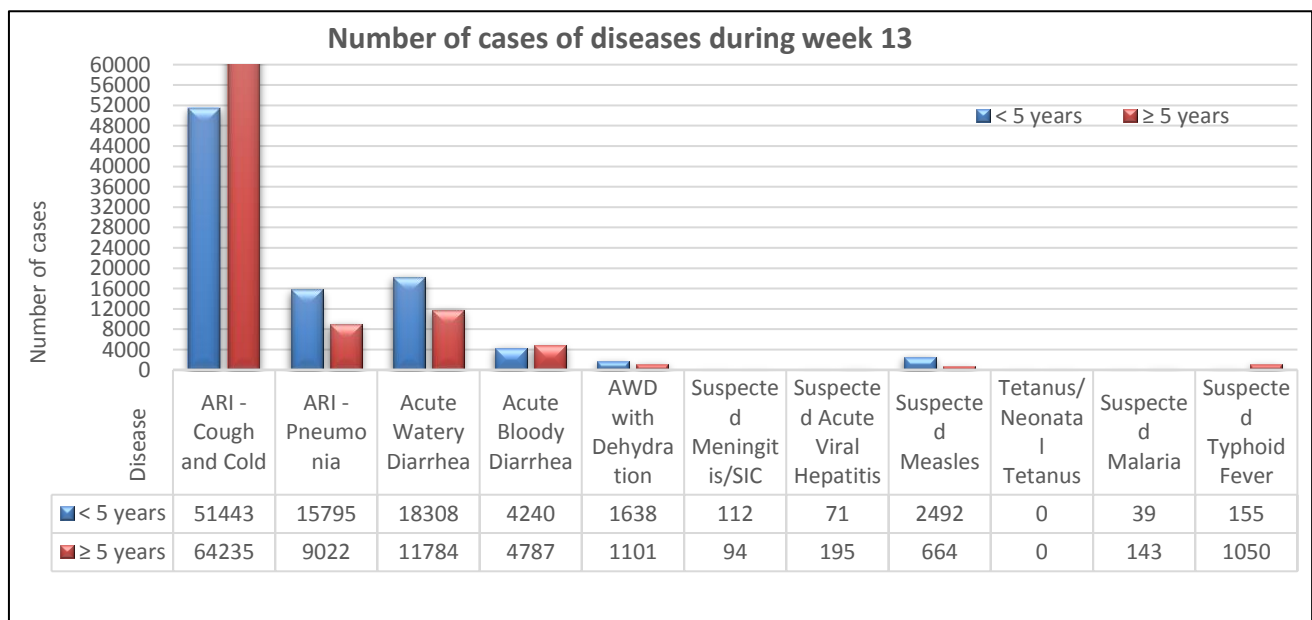


Table 2: Cases and deaths due to VPDs by age group during week 13th, 2022

Diseases	Cases			Deaths			CFR/100
	<5 years	≥ 5 years	Total	<5 years	≥ 5 years	Total	
Suspected Measles	2492	664	3156	20	0	20	0.63

Seasonal Diseases:

Figure 3: A

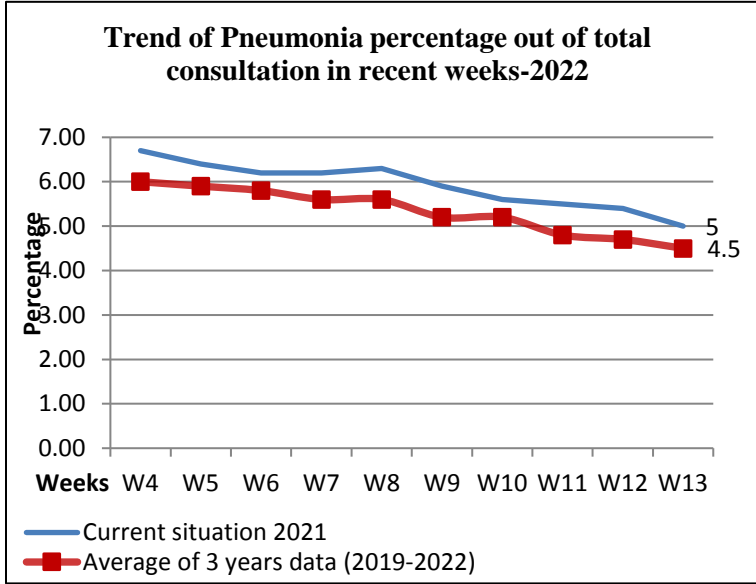


Figure 3: B

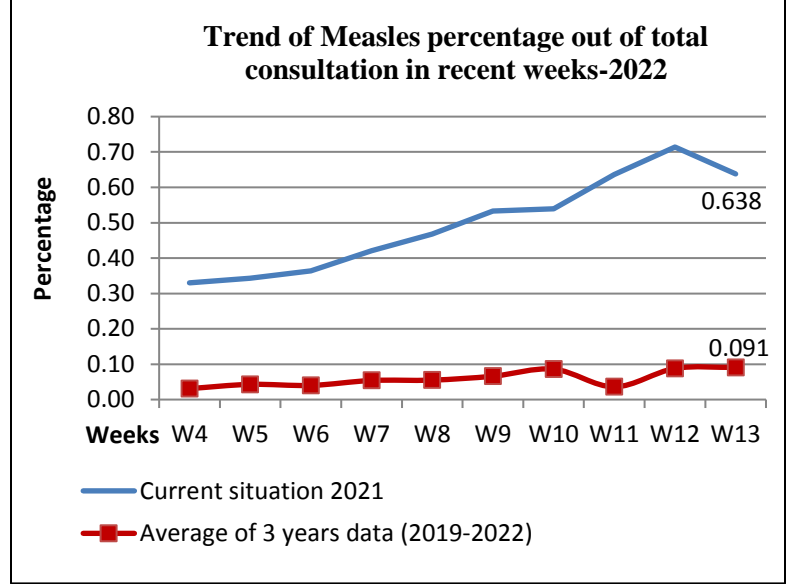


Figure 3: C

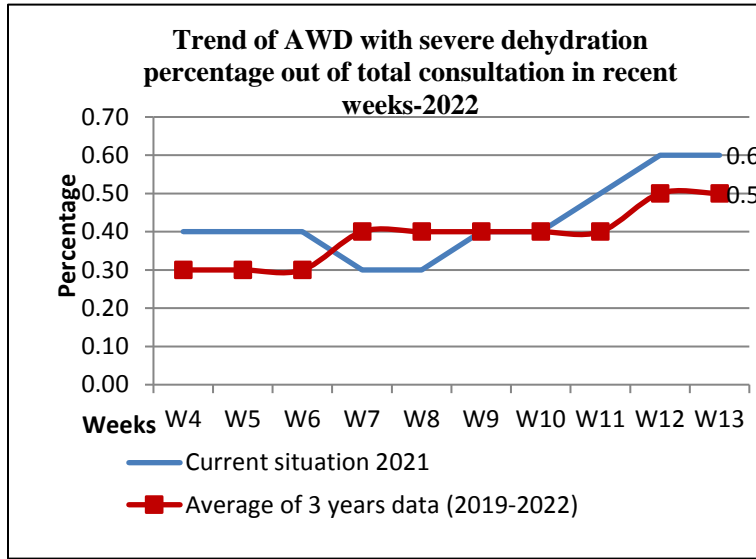


Figure 3: D

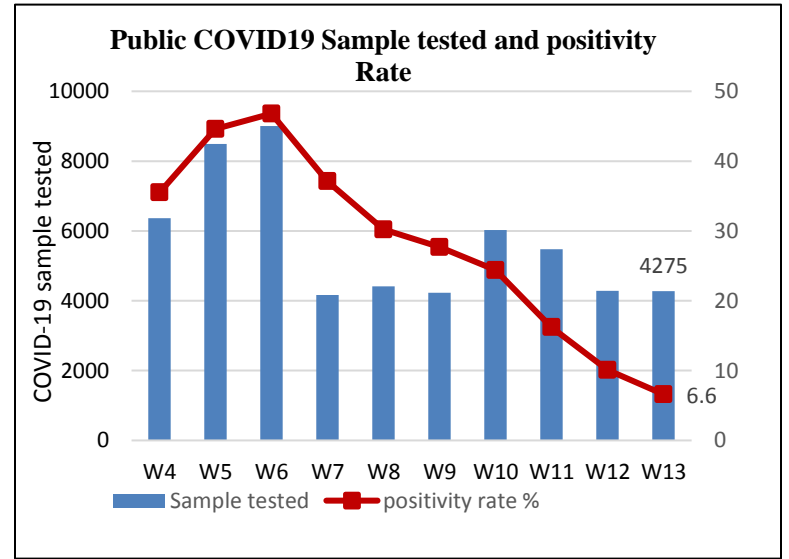


Table 3: Outbreaks in week 13th:

Suspected Measles outbreaks (Logar, Balkh and Nimroz provinces)										
Reported dated	Province	District	Village	<5 cases	≥5 cases	Total cases	Deaths	Vaccination coverage		Recommendation/Action taken
								Reported	Assessed	
27/03/2022	Logar	Puli Alam	Babus	4	10	14	0	80%	45%	In this week, 03-suspected Measles outbreaks were reported from Logar, Balkh and Nimroz provinces. The outbreaks were investigated, case management was done for all the outbreaks and cases. Also, health education sessions were conducted. Vaccination of children in the surrounding villages of the affected area is going on. Follow up reports will be shared.
27/Mar/22	Balkh	Khulm	Khairabad	5	0	5	0	40%	0%	
27/03/2022	Nimroz	Khashrod	Mula Narenj	1	4	5	0	70%	0%	

Suspected CCHF outbreaks from (Badghis and Samangan provinces)

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
02/04/2022	Badghis	Jawand	Jawand	1	0	During this week, 02 suspected CCHF cases were reported from Badghis and Samangan provinces. Case management was done, health education sessions were conducted and the information was shared with related departments and animal health as well, to take the control and preventive measures.
27/03/2022	Samangan	Dari Souf	Dari Souf	1	0	

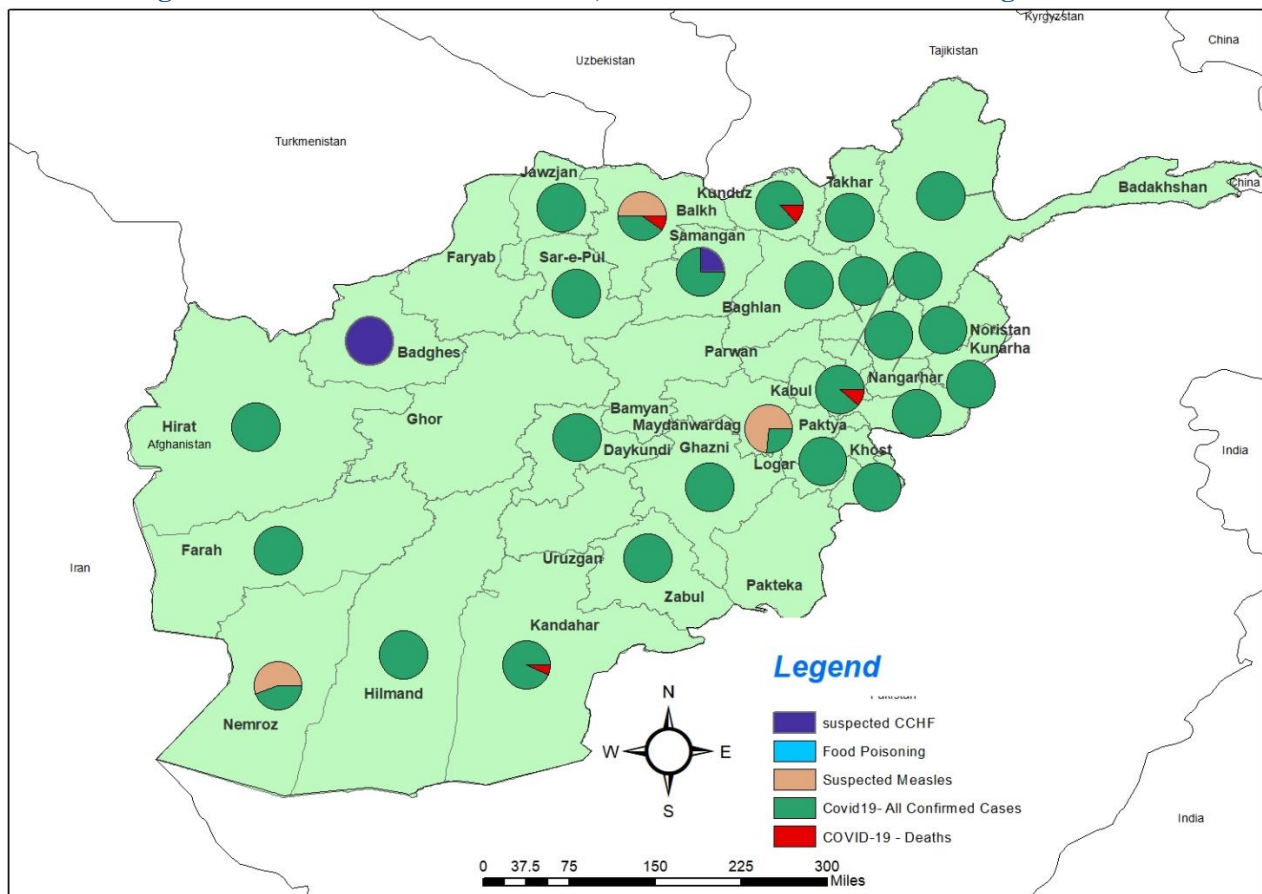
Food poisoning outbreaks from (Laghman and Kandahar provinces)

Reported dated	Province	District	Village	Total cases	Total deaths	Recommendation/Action take
29/3/2022	Laghman	Qarghaee	Surkh Abi and Qazi Kala	23	0	During this week 02 Food poisoning outbreaks were reported from Laghman and Kandahar provinces. Case management was done, health education sessions were conducted.
27/03/2022	Kandahar	Khakriz	Nasaran	47	0	

Table 4: Updates on the outbreaks reported during 2021 (26 Dec 2021 to 04, April, 2022)

Disease/Event	Count of Disease/Event	Sum of Lab Confirm	Sum of total Cases	Sum of Total Deaths
Measles	153	55	2411	96
Dog bites/Suspected Rabies	5	0	25	0
CCHF	5	0	5	0
Scabies	3	0	56	0
Diphtheria	1	0	1	0
Pertussis	1	0	4	0
Food poisoning	3	0	71	1
COVID-19	1	1	19669	410
Acute Watery Diarrhea	1	1	291	0
Chicken Pox	1	0	1	0
Clinical Pneumonia	1	0	25	0
Grand Total	175	57	22559	507

Figure 4: Distributions of COVID-19, Measles cases and deaths during week 13th



Laboratory surveillance:

A total of 6,837 specimens were collected and shipped to CPHL and other regional laboratories. Out of which 289 specimens were confirmed for COVID-19 and 164 samples were confirmed for Measles, 02 specimens confirmed for Malaria and 01 specimen confirmed for Brucellosis in this week. (Follow up by the CPHL is going on).

Influenza Surveillance activities:

In Epidemiological week 13th 2022, we have received Epidemiological reports from 09 out of 09 sentinel sites. (Kabul, Kandahar, Balkh, Herat, Bamyan, Baghlan, Nangarhar, Kapisa and Paktya). Out of all new hospital admissions, 212 (5.6%) Severe Acute Respiratory Infections cases were reported and 62% were under 5 years old. The proportion of SARI cases were decreased compared to week 12th 2022. Nine SARI associated deaths were reported this week. At the 9 provincial levels, the top sentinel sites with the highest proportion of SARI cases were from Kapisa (55%), Kabul (23%), and Baghlan (13%) provinces. In this epi-week, our field staff shipped 44 SARI and 29 ILI specimens to the National Influenza Center (NIC).

COVID-19 Surveillance activities:

In this week, 5,904 specimens were tested for suspected COVID-19. Out of which 289 samples were confirmed for COVID-19 by rtPCR. The cases have been managed either in the isolation wards or in home quarantine.

- COVID-19 cases were decreased **33.1 %** compared to last week, (in majority of the provinces, we had testing kits shortage in this week).
- Bed occupancy rate (BOR) at the national level was **45.3 %**, which decreased 5.3 % compared to last week.
- Out of **933** contacts of **587** confirmed cases that were mostly family members with an average of 2 Contacts per one case, and will be continued until 14 days of their last contact with the confirmed cases. Also, surveillance screening teams screened all the passengers in the points of entry for fever. In addition, health education was conducted for them, about **55,771** passengers have been screened for COVID-19 in the points of entry of four provinces (Herat, Kandahar, Nangarhar and Nimroz).

Challenges:

- Suspected Measles cases and outbreaks are in the increasing trend (in this week **3,180** measles cases and 20 deaths were reported).
- No mandatory reporting of Measles and other priority diseases and outbreaks from all the health facilities (public and private)
- Shortage of lab samples collection consumables and testing kits in majority of the provinces have strongly decreased the number of tests.
- Week commitment of the BPHS and EPHS implementer NGOs for the implementation of surveillance SOP agreed for COVID-19 and other priority diseases surveillance

Recommendations:

- Measles vaccination campaigns are needed to be conducted based on the outbreaks reported and also the routine vaccination coverage need to be improved
- Measles and all surveillance priority diseases outbreaks should be reported by all health facilities including private HFs
- Urgent supply of lab sample collection and testing kits for COVID-19 and other priority diseases for surveillance is recommended and lab testing capacity needs to be strengthened and expanded.
- The BPHS and EPHS implementer NGOs should be pushed from WHO, UNICEF and MoPH leadership for the implementation of surveillance SOP agreed for COVID-19 and other priority diseases surveillance
 - **EPI:** As the system detected **3,180** suspected Measles cases, with **20** deaths due to measles, further prevention and control measures should be conducted by the EPI team.
- The findings should be analyzed further in different levels and appropriate actions to be taken by the concerned departments.