

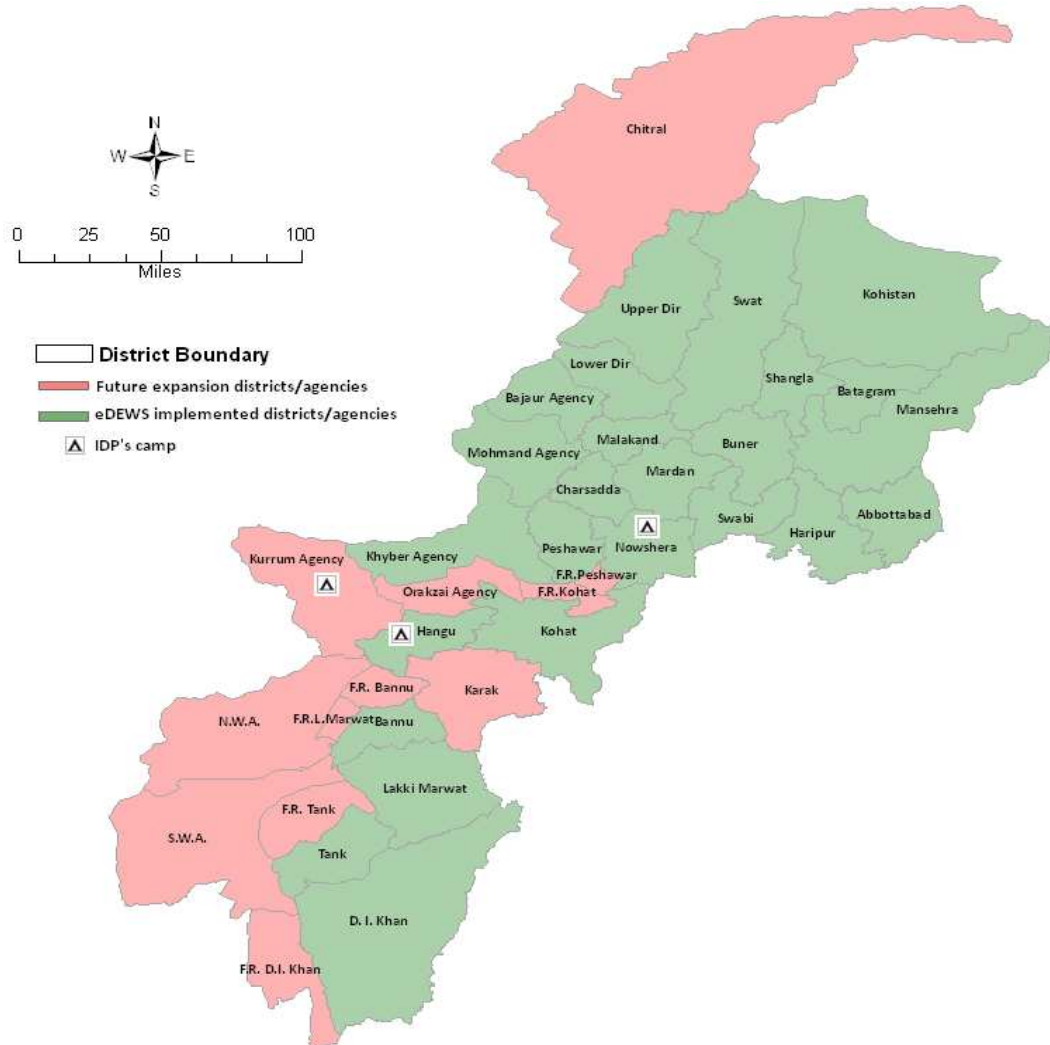


Weekly **Epidemiological** Bulletin

Electronic Disease Early Warning System & Response (eDEWS)

in Khyber Pakhtunkhwa and FATA

Epidemiological Week-14 (1st April to 7th April, 2012)



Priority diseases under surveillance in eDEWS

Respiratory Diseases

Acute (upper) respiratory infections
Pneumonia <5 years
Pneumonia > 5 years
Suspected Diphtheria
Suspected Pertussis

Gastro Intestinal Diseases

Acute Watery Diarrhea <5 year
Acute Watery Diarrhea > 5 year
Bloody Diarrhea <5 years
Bloody Diarrhea > 5 years
Other Acute Diarrhea < 5 years
Other Acute Diarrhea > 5 years
Suspected Enteric/Typhoid Fever

Other Communicable

Suspected Malaria
Suspected Meningitis
Suspected Dengue Fever
Suspected Viral Hemorrhagic Fever
Pyrexia Of Unknown Origin

Vaccine Preventable

Suspected Measles
Suspected Acute Viral Hepatitis
Chronic Viral Hepatitis
Neonatal Tetanus
Acute Flaccid Paralysis

Skin Disease

Scabies
Cutaneous Leishmaniasis

Injuries /Poisoning

Injuries
Snake bite

Other unusual diseases

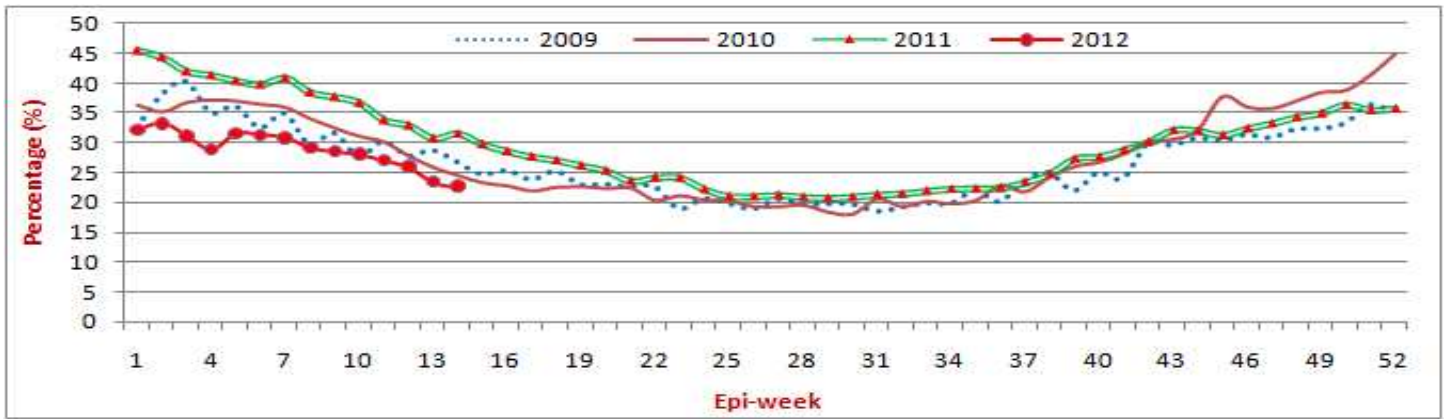
Other unusual diseases

HIGHLIGHTS

- ❖ 18 districts and 3 agencies provided surveillance data to the eDEWS this week from 530 health facilities on time.
- ❖ A total of 139,847 consultations were reported through eDEWS of which 23% or 31,571 cases were Acute Upper Respiratory Infection, is still the highest cause of morbidity of total consultations were showing no change in percentage as compared to week 13.
- ❖ Other Acute Diarrhoea shared 7% or 10,238 cases of the total consultations showing 1% increase in percentage as compared to previous week.
- ❖ Pyrexia of Unknown Origin accounted for 5% or 6,912 cases out of total consultations.
- ❖ Skin Infection (Skin Inf.) reported at 3% or 3,816 cases and Typhoid Fever comprised only 0.3% or 381 cases out of total consultations.
- ❖ A total of 81 alerts including 8 measles outbreaks were received. 66 for suspected measles, 6 for NNT, 5 for leishmaniasis, 2 for AWD while 1 each for bloody diarrhoea and pyrexia unknown origin.

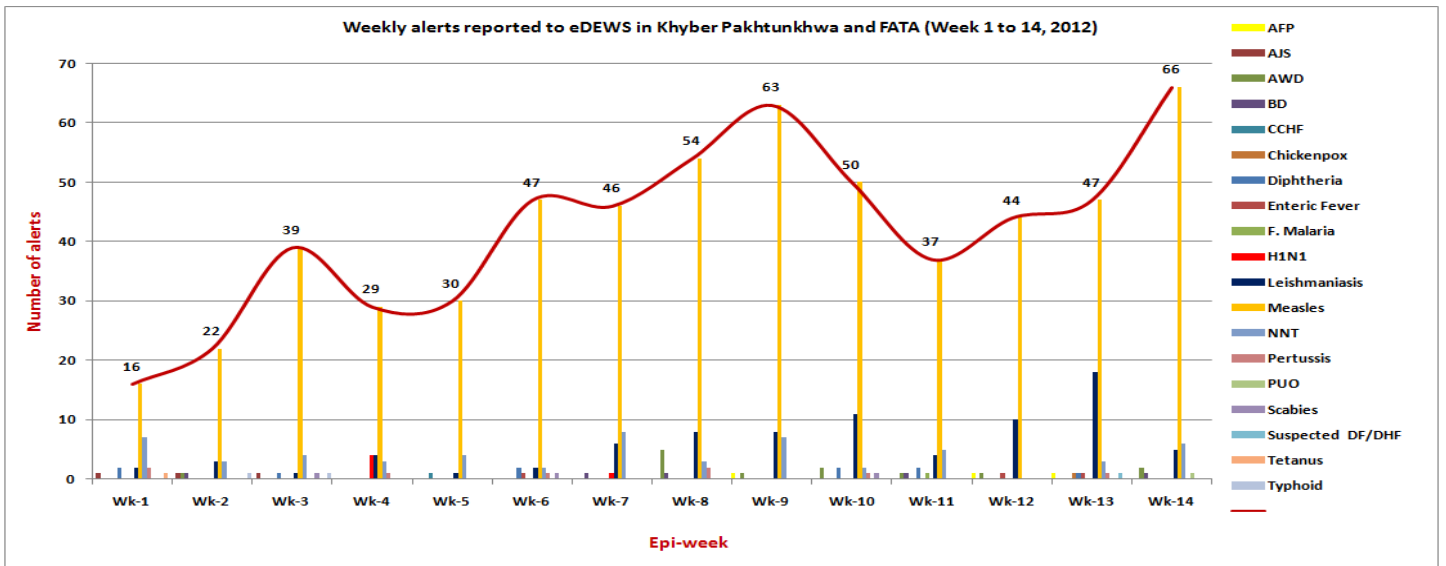
Compiled situation in Khyber Pakhtunkhwa & FATA

Figure-1: Four years trend of Acute Respiratory Tract Infection in Khyber Pakhtunkhwa/FATA (2009, 2010, 2011 and 2012)



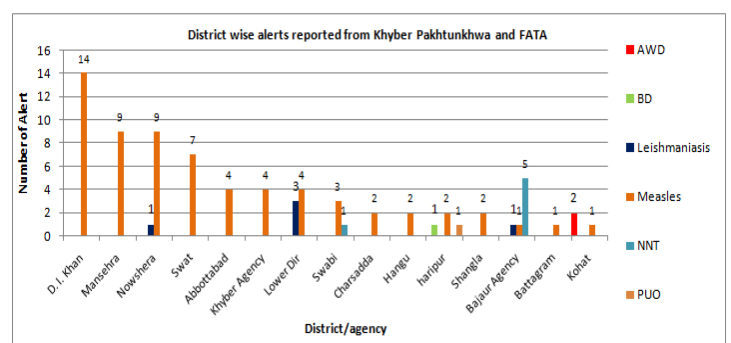
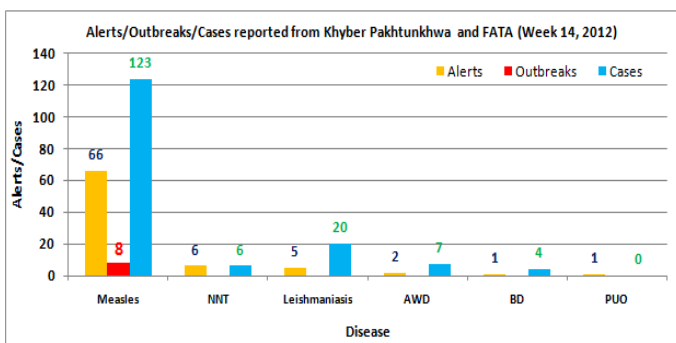
The above graph shows the trend of Acute Respiratory Tract Infection cases out of total consultations reported to DEWS in 2009, 2010, 2011 and 2012 up until now. ARI percentage trend in year 2012 is showing low than previous three years due to intervention of ARI centres in Khyber Pakhtunkhwa. In this week 14, 2012 ARI consultations shows 23% or 31,571 cases of total cases which shows <1% decrease in percentage as compared to week 13.

Figure-2: Alerts reported in Khyber Pakhtunkhwa/FATA (From week 1 to 14, 2012)



The above graph shows the different reported alerts to DEWS from week 1 to 14, 2012. A cumulative figure for the current year is 791 alerts (1,776 cases) including of 60 outbreaks were reported. Measles alerts are leading in Khyber Pakhtunkhwa and FATA with 590 alerts (1,092 cases) including 46 outbreaks. Followed by Leishmaniasis 83 alerts (272 cases) including 4 outbreaks, Neonatal Tetanus 57 alerts (59 cases), AWD 13 alerts (31 cases) including 1 outbreak, Diphtheria 10 alerts (10 cases), Pertussis 8 alerts (12 cases), Bloody diarrhoea 5 alerts (23 cases) including 2 outbreaks, H1N1 5 alerts (11 cases) including 1 outbreak, Typhoid 5 alerts (47 cases) including 3 outbreaks, AJS 3 alerts (28 cases) including 1 outbreak, AFP 3 alert (3 cases), Scabies 3 alerts (179 cases) including 2 outbreaks, suspected Dengue Fever/Dengue Hemorrhagic Fever 1 alert (4 cases), Chickenpox 1 alert (2 cases), CCHF 1 alert (1 case), Tetanus 1 alert (1 case), Falciparum Malaria 1 alert (1 case) and Pyrexia Unknown Origin 1 alert (1 case) were shared.

Figure-3: Number of alerts and alert cases reported in Khyber Pakhtunkhwa/FATA (Week 14, 2012)



The above left side graph shows different alerts and their cases reported in KP/FATA and right side graph shows different alerts shared by district wise in week 14, 2012. In this week a total of **81 alerts (160 cases)** including **8 measles outbreaks** were reported. High number of alerts reported from district D.I. Khan 14 measles alerts (18 cases) were shared, followed by Mansehra 9 measles alerts (15 cases), Nowshera 10 alerts (12 cases) including 1 leishmaniasis alert (3 cases) and 9 measles alerts (9 cases), Swat 7 measles alerts (7 cases), Abbottabad 4 measles alerts (5 cases), Khyber agency 4 measles alerts (22 cases) including 2 outbreaks, Lower Dir 7 alerts (25 cases) including 3 leishmaniasis alerts (15 cases) and 4 measles alerts (10 cases including 1 outbreak), Swabi 4 alerts (10 cases) including 3 measles alerts (9 cases including 1 outbreak) and 1 NNT alert (1 case), Charsadda 2 alerts (2 cases), Hangu 2 measles alerts (2 cases), Haripur 4 alerts (13 cases) including 1 BD alert (4 cases), 1 PUO alert (1 case) and 2 measles alerts (9 cases including 1 outbreak), Shangla 2 measles alerts (9 cases) including 1 outbreak, Bajaur agency 7 alerts (8 cases) including 1 leishmaniasis alert (2 cases), 1 measles alert (1 case) and 5 NNT alerts (5 cases), Battagram 1 measles alert (1 case), Kohat 3 alerts (8 cases) including 2 AWD alerts (7 cases) and 1 measles (1 case) and 1 measles alert (3 cases) were shared and responded.

❖ **8 measles outbreaks were reported in this week.**

- ✓ 2 measles outbreaks were shared from Khyber agency.
 - A total of 5 measles cases were reported. While on routine visit, 3 measles cases were detected in OPD of CD Qadam on 31st March, 2012 on Saturday. Medicines and Vit A were given to them by Dr.Usman. On 2nd April, 2012 a meeting was held with DHO and DSV. It was decided that the response should be given in the Qadam area along with two other measles affected areas on the same day. Response teams were formed and were sent to their respective areas in village Qadam mass measles vaccination done to 72 children. On active surveillance 2 other cases were detected so a total of 5 cases were there. Vitamin A given to measles cases. Health education was conducted. The blood samples were tried to be taken but it was failed. Report was shared with ADHO and DSV.
 - Other measles outbreak including a total of 13 was reported. On 31st March, Mr.Alamgeer (EPI Tech) reported 8 measles cases to SO DEWS Khyber Agency. The response was given on 02nd April, 2012. ADHO and DSV were informed. Two teams were sent to affected area. On active surveillance 5 more cases were found, so a total of 13 cases were detected. Mass measles vaccination of 300 children done. Pentavalent +polio 1st dose given to 5 children. And Pentavalent +polio 2nd dose given to 3 children. Vitamin A given to the affected cases. Health education was given to the camp community. Two blood samples were taken. Reports were shared with the Agency surgeon and DSV.
- ✓ A total of 3 measles cases outbreak was reported from district Lakki Marwat. A suspected case of measles was reported from RHC Siraye Gambila. On active surveillance in the area two more suspected cases were identified. In a seven houses cluster 18 more children were vaccinated. Out of 18, 10 children received both measles and pentavalent and remaining 8 children received measles only due to age difference. Blood samples taken from all the three suspected measles cases and sent to NIH. Data was shared with EDO health. Vaccination campaign was conducted in whole village on 2nd April by district health department.
- ✓ An alert of 4 suspected measles cases were reported from district D.I. Khan. 01 Alert of Suspected Measles reported by Isolation Ward DHQ Hospital on 5th April. 3 more cases from Marhaba Colony, UC Chehkan, D I Khan. Blood sample taken and sent to NIH. Vitamin A administered to the cases. Vaccination of the contacts ensured.
- ✓ A total of 8 measles cases outbreak was reported from district Haripur. An alert of 2 suspected measles cases was generated by BHU STC 4. Active surveillance was carried out in the area. 6 more cases were identified who had developed measles in past month and their history suggested measles. 3 children had active measles. Children were given Vit A. Vaccination status was assessed in the surrounding. Out of 12 houses and 38 that were assessed, 11 children had no measles 2 vaccine. 3 children had no BCG scar. 2 children were totally unvaccinated. The rest were completely vaccinated. Missed children were referred to BHU STC 4 for completion of vaccination. Blood samples were taken and set to NIH. Follow-up was done on 5th April. Health session was conducted on prevention and spread for the affected families. EDO H Save the children and EPI coordinator were informed of possible outbreak.
- ✓ A total of 6 measles cases were reported from district Lower Dir. Active Surveillance conducted, population of that sector was 4000 individuals, 5 more cases were found in the same family surrounding, camp EPI staff was requested for routine outreach vaccination in the area. Vit-A was given, Blood Sample Collected for confirmation of antibodies, Health education session conducted with the family members and community, patient isolated, EDO-H & EPI Coordinator were informed.
- ✓ 5 measles cases outbreak was declared from district Swabi. Initially 1 suspected case of Measles was reported from Private Clinici. Case was investigated and responded in the presence of Health department personal. During investigation 4 more cases found in the same locality. Vit.A given, health education sessions conducted, EDO H and EPI coordinator Informed, Measles Mop up Vaccination planned in the relevant Village. WHO EHA and PPHI provided the essential medicines to the relevant Health Facility.
- ✓ 6 measles cases outbreak was reported from district Shangla. On 1st April, 2012 EPI surveyor reported a possible outbreak in the village Barkalay, WHO team directed partners (DOH, PPHI and EPI) to visit the area, as WHO team was busy with another response. They found 04 patients with rash and fever; blood samples were taken and sent to the lab. Active surveillance in the nearby 07 houses was conducted, 03 suspected case were detected. These nearby houses revealed that children till 5yrs were 13, those 6-10yrs were 02 and above 10 till 15yrs were 05. A total of 12 were vaccinated, 7 no vaccinated and 1 partially vaccinated, out of six suspected cases had 02 had complete vaccination history and the rest were partially vaccinated. Overall vaccination was 60% fully vaccinated, 35% non vaccinated and 05% partially vaccinated. None vaccinated were started vaccination and the partially vaccinated were fully vaccinated, Vitamin A given and distributed in close contacts. Health and hygiene session was conducted. Outbreak was declared EDOH office informed. Proposal for mass vaccination has been put forward to DOH. Follow Up planned.

Table-1: Leading causes of seeking health care in flood affected districts, compiled weekly reports

Disease name	Week-11	Week-12	Week-13	Week-14	Total Consultations (1 st Jan to 7 th Apr, 2012)
Acute Diarrhoea	7,958 (5%)	7,390 (5%)	9,441 (6%)	10,238 (7%)	93,366 (6%)
Bloody Diarrhoea	987 (1%)	846 (1%)	1,089(1%)	970 (1%)	11,701 (1%)
Suspected Malaria	1,467 (1%)	1,569 (1%)	2,400 (2%)	1,842 (1%)	19,451 (1%)
Skin Diseases	4,142 (3%)	3,750 (3%)	4,177 (3%)	3,816 (3%)	44,860 (3%)
Pyrexia of Unknown Origin	7,153 (5%)	6,397 (5%)	7,145 (5%)	6,843 (5%)	74,997 (5%)
Acute Respiratory Infection	39,337 (27%)	35,426 (26%)	36,261 (23%)	31,571 (23%)	476,937 (28%)
Total Consultations	145,487	136,634	154,877	139,847	1,681,676

The above table shows compiled communicable diseases cases from weekly reports and proportional morbidity through eDEWS reported.

Since January 1, 2012, approximately 1,681,676 patient consultations have been reported to the eDEWS from Khyber Pakhtunkhwa province and Federal Administered Tribal Areas (FATA).

In this week 14, 2012 (1st April to 7th April, 2012) reports were received from 530 health centres and the major causes for seeking health care by the communities in almost all of the regions were diarrhoeal diseases 10,238 cases or 7%, acute respiratory infections 31,571 cases or 23%, skin diseases 3,816 cases or 3% and suspected malaria 1,842 cases or 1%.

Figure-4: Total number of HF# reported and consultations (Week no.1 to 14, 2012)

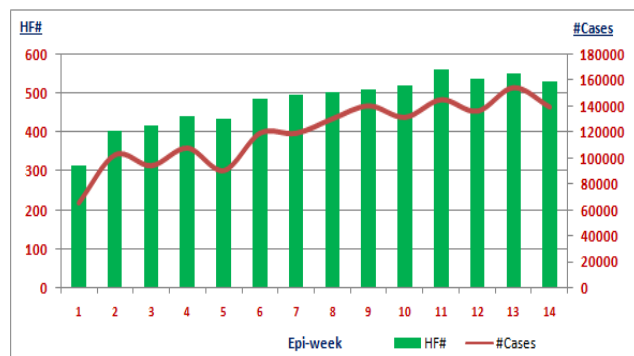


Figure-5: Leading communicable diseases percentage trend in Khyber Pakhtunkhwa and FATA (Week no.1 to 14, 2012)

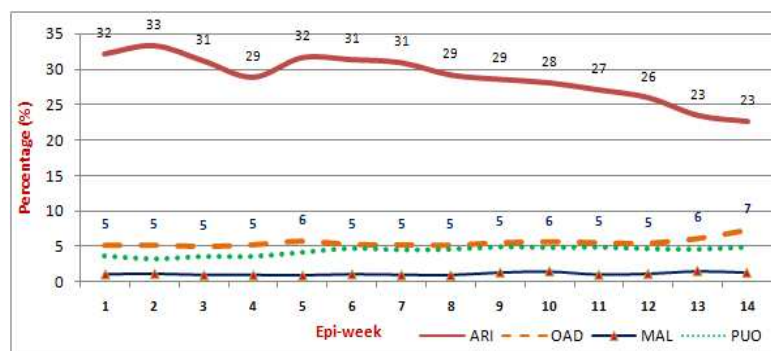


Figure 4 shows the number of health facilities and total number of consultations reported. Figure 5 shows the weekly percentage trend of ARI, Other Acute Diarrhoea, suspected Malaria and Pyrexia of Unknown Origin in Khyber Pakhtunkhwa and FATA from week 1 to 14, 2012. ARI percentage is showing decrease and OAD showing increase since week 12.

Table-2: Respiratory Diseases situation in Khyber Pakhtunkhwa and FATA

Respiratory Diseases	Week-13	Week-14
Upper Respiratory Infection	33,767	29,491
Pneumonia <5	1,385	1,155
Pneumonia >5	1,109	925

Figure-6:

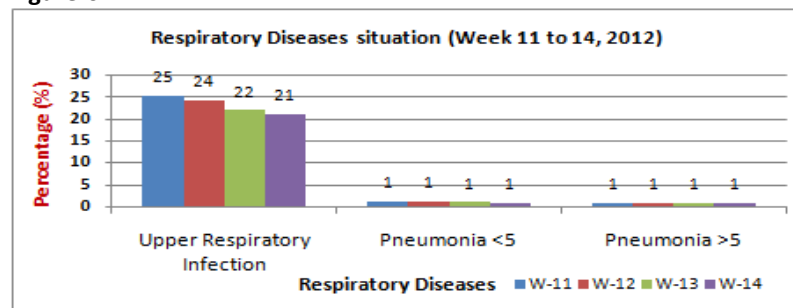


Table 2 shows the last two weeks Acute Respiratory Tract Infection (Upper Respiratory Tract Infection and Lower Respiratory Tract Infection (Pneumonia)) consultations comparison and figure 5 shows the last four weeks percentage situation of ARI.

Table-3: Gastro Intestinal Diseases situation in Khyber Pakhtunkhwa and FATA

Gastro Intestinal Diseases	Week-13	Week-14
Bloody Diarrhea <5	432	403
Bloody Diarrhea >5	657	567
Other Acute Diarrhea <5	5,019	5,388
Other Acute Diarrhea >5	4,422	4,850
Typhoid Fever	550	381

Figure-7:

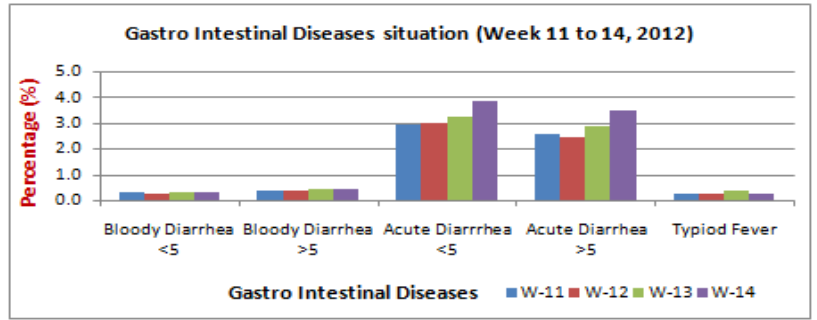


Table 3 shows the last two weeks cases of Gastro Intestinal Diseases and figure 6 shows the percentage of last four weeks.

Province Khyber Pakhtunkhwa:

Figure-8: Distribution of consultations by communicable diseases

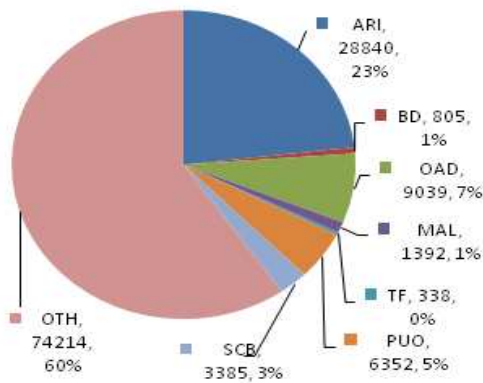
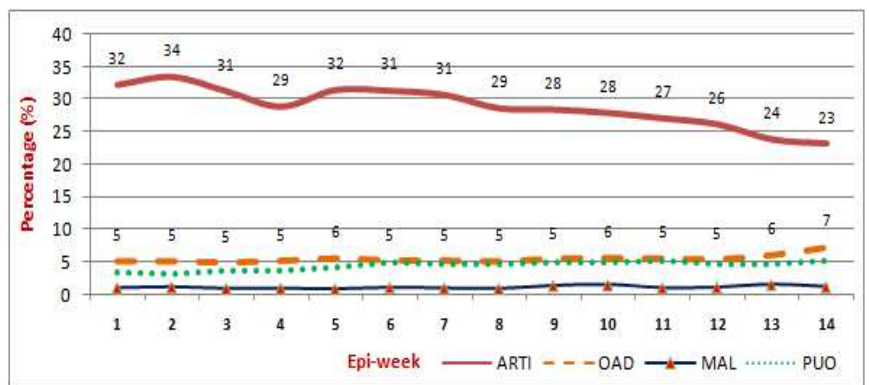
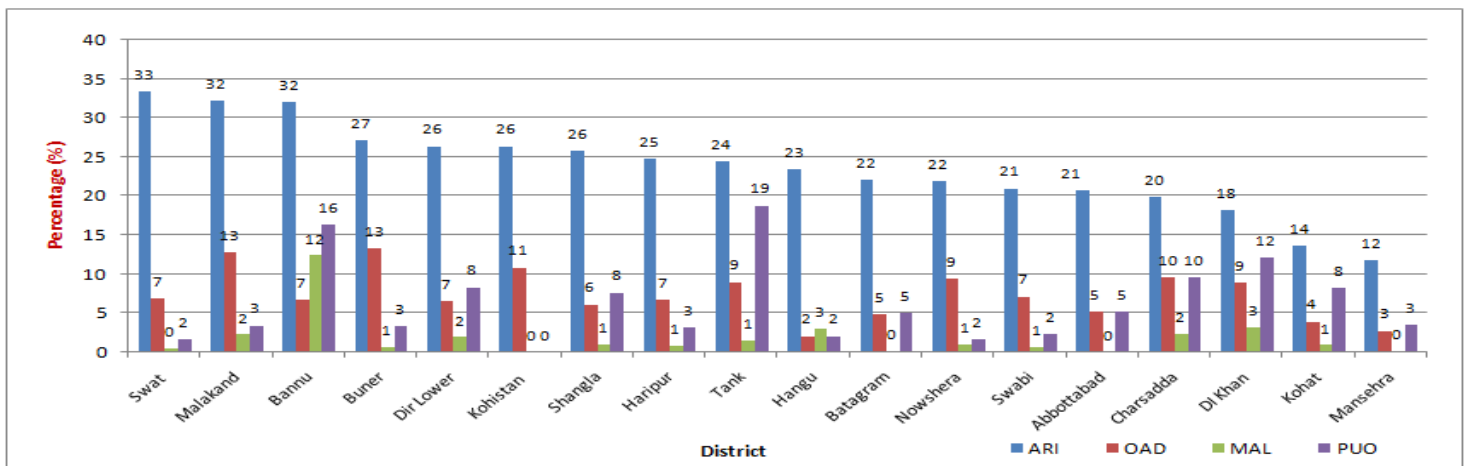


Figure-9: Weekly diseases (ARI, OAD, MAL and PUO) percentage trend



- Figure 8 shows distribution of consultations by communicable diseases in week 14, 2012 and figure 9 shows weekly percentage trend of ARI, OAD, MAL and PUO from week 1 to 14, 2012.
- This week 18 districts reported to eDEWS from 476 health facilities with a total of 124,365 patients' consultations.
- Acute Respiratory Tract Infection 28,840 cases reported were showing 1% decrease in percentage as compared to week 13 patients' visits and accounted for 23% of the total consultations.
- Other Acute Diarrhea cases 9,039 or 7% showing 1% increase in percentage as compared to previous week and suspected Malaria 1,392 cases or 1% were reported.
- While Pyrexia of Unknown Origin cases 6,352 or 5% showing no change in percentage since week 6, 2012.
- Typhoid Fever (TF) cases 338 (<1%) and Scabies cases 3,385 or 3% were reported.

Figure-10: ARI, OAD, MAL and PUO percentage situation of Khyber Pakhtunkhwa district wise in week 14, 2012



The above figure shows ARI, OAD, MAL and PUO percentage situation district wise in week 14, 2012. During this week high percentage of ARI consultations were reported from district Swat 33.4% (5,557 cases), followed by district Malakand 32.2% (2,701 cases), Bannu 32.1% (304 cases) and Buner 27.2% (1,764 cases). Similarly high percentage of OAD cases were reported from district Buner 13% (862 cases), Malakand 13% (1,069 cases), Kohistan 11% (284 cases), Charsadda 10% (1,048 cases), Nowshera 9% (828 cases), Tank 9% (85 cases) and D.I. Khan 9% (650 cases). High percentages of suspected Malaria were reported from district Bannu 12% (117 cases), D.I. Khan 3% (232 cases) and Hangu 3% (57 cases). High percentage of Pyrexia of Unknown Origin (PUO) consultations were reported from district Tank 19% (177 cases), Bannu 16% (155 cases), D.I. Khan 12% (887 cases) and Charsadda 10% (1,046 cases).

Current week's Alert/Outbreak in Khyber Pakhtunkhwa:

❖ A total of 70 alerts including 6 measles outbreaks were received. 61 for suspected measles, 4 for leishmaniasis, 2 for AWD while 1 each for bloody diarrhoea, NNT and pyrexia unknown origin were reported and responded.

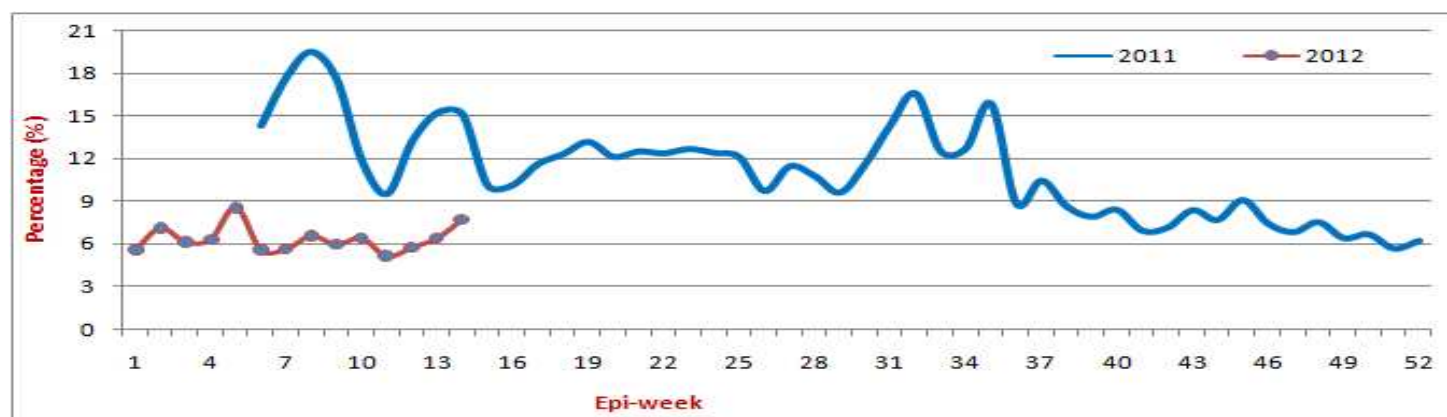
S. No.	Date Investigated	Suspected Disease	District	Location	<5 M	>5 M	<5 F	>5 F	Sample	Positive	Cases	Death
1	02-Apr-12	Measles	Abbottabad	hulgulab Road, Near ATH	1	0	0	0	1	r	1	0
2	02-Apr-12	Measles	Abbottabad	Banda Sahib Khan, Langra Havallian	0	0	0	1	1	r	1	0
3	03-Apr-12	Measles	Abbottabad	POF Coloney, Havallian Cant.	0	0	1	0	1	r	1	0
4	03-Apr-12	Measles	Abbottabad	Sumlala, Near Ayub Pul, Langra, Havallian	0	1	0	1	2	r	2	0
5	31-Mar-12	Measles	Lakki Marwat	Village Kot Ke Da Lakki Union Council Baist Khel	2	1	0	0	3	r	3	0
6	03-Apr-12	Measles	Battagram	Village Gul sher, Tarand, UC Tarand	0	0	0	1	1	r	1	0
7	04-Apr-12	Measles	Charsadda	village Abdar Mian Kallay Januku	1	0	0	0	1	r	1	0
8	04-Apr-12	Measles	Charsadda	village Mehmood abad	1	0	0	0	1	r	1	0
9	03-Apr-12	Measles	D. I. Khan	Village Shidai, Tehsil Pahar Pur	1	0	0	0	1	r	1	0
10	03-Apr-12	Measles	D. I. Khan	Village Makkar, Paroa Road, Paroa	1	0	0	0	1	r	1	0
11	03-Apr-12	Measles	D. I. Khan	Village Budh, Paniala, Tehsil Pahar Pur	0	0	1	0	1	r	1	0
12	03-Apr-12	Measles	D. I. Khan	Qayyum Nagar, City 01	1	0	0	0	1	r	1	0
13	03-Apr-12	Measles	D. I. Khan	Village Budh, Paniala, Tehsil Pahar Pur	0	0	1	0	1	r	1	0
14	03-Apr-12	Measles	D. I. Khan	Ramak, UC Miran, Paroa Road, Tehsil Paroa	1	0	0	0	1	r	1	0
15	05-Apr-12	Measles	D. I. Khan	Marhaba Colony, UC Chehkan, Tank Road	1	0	3	0	4	r	4	0
16	05-Apr-12	Measles	D. I. Khan	Awan Abad, Bannu Road	0	0	1	0	1	r	1	0
17	05-Apr-12	Measles	D. I. Khan	Zafar Abad Colony, UC Lachra,	1	0	0	0	1	r	1	0
18	05-Apr-12	Measles	D. I. Khan	Basheer Abad, Zafar Abad Colony,	1	0	1	0	2	r	2	0
29	05-Apr-12	Measles	D. I. Khan	Kaali Wanda, Abdul Khail, Tehsil Pahar Pur	1	0	0	0	1	r	1	0
20	05-Apr-12	Measles	D. I. Khan	Village Arra, Din Pur Road,	1	0	0	0	1	r	1	0
21	05-Apr-12	Measles	D. I. Khan	Gomal Kalan, Tank Road,	0	1	0	0	1	r	1	0
22	05-Apr-12	Measles	D. I. Khan	Mohallah Saggi, UC Hassam	0	0	1	0	1	r	1	0

23	05-Apr-12	Measles	Haripur	Afghan Refugee camp 3	2	1	4	1	2	r	8	0
24	05-Apr-12	Measles	Haripur	Khalabut Township	1	0	0	0	1	r	1	0
25	06-Apr-12	BD	Haripur	Peena, Village Nullah, UC Jabree	1	1	0	2	0	r	4	0
26	06-Apr-12	PUO	Haripur	Village Kotla, UC Muslimabad	0	0	0	1	0	r	0	1
27	31-Mar-12	Measles	Hangu	Village & UC Lodhi Khel	0	0	1	0	1	r	1	0
28	04-Mar-12	Measles	Hangu	Village & UC Muhammad Khwaja	1	0	0	0	1	r	1	0
29	31-Mar-12	Measles	Kohat	Village Jungle Khel, UC Urban II	0	1	0	0	1	r	1	0
30	04-Apr-12	AWD	Kohat	Union Council Lachi of tehsil Lachi	0	1	0	2	0	r	3	0
31	04-Apr-12	AWD	Kohat	Village Kachai, UC Usterzai	0	2	0	2	0	r	4	0
32	31-Mar-12	Measles	Lower Dir	Village Ghurajjshah, UC Khall, Tehsil Timargara, Lower Dir	1	0	0	0	1	r	1	0
33	02-Apr-12	Leishmaniasis	Lower Dir	Village Anderey-Malakand, UC Koto, Tehsil Balmbat, Lower Dir.	0	2	0	2	0	r	4	0
34	03-Apr-12	Leishmaniasis	Lower Dir	Village Mandesh, UC Khall, Tehsil Timargara, Lower Dir.	0	4	1	2	0	r	7	0
35	04-Apr-12	Leishmaniasis	Lower Dir	Village & UC Khagram, Tehsil Warri, upper dir	1	1	1	1	0	r	4	0
36	05-Apr-12	Measles	Lower Dir	Village Gudar-shal kandai, UC & Tehsil Munda, Lower Dir	1	0	0	1	1	r	2	0
37	06-Apr-12	Measles	Lower Dir	Village kotkay, UC Rabat, Tehsil Balmbat, Lower Dir	0	1	0	0	1	r	1	0
38	06-Apr-12	Measles	Lower Dir	AR Taimar Camp, Timargara Lower Dir.	4	0	2	0	1	r	6	0
39	03-Apr-12	Measles	Mansehra	Mental Chowk Attershisha	1	0	0	0	1	r	1	0
40	04-Apr-12	Measles	Mansehra	Dab # 1 Mansehra	1	0	0	0	1	r	1	0
41	05-Apr-12	Measles	Mansehra	-	1	0	0	0	1	r	1	0
42	04-Apr-12	Measles	Mansehra	Bafa doraha	0	0	1	0	1	r	1	0
43	05-Apr-12	Measles	Mansehra	Dhermia, Commerce College	0	0	1	0	1	r	1	0
44	05-Apr-12	Measles	Mansehra	Tajal UC trangri sabir shah	0	0	1	0	1	r	2	0
45	06-Apr-12	Measles	Mansehra	Kukkoo Mera Shergarh Oghi	2	1	1	2	1	r	6	0
46	06-Apr-12	Measles	Mansehra	Village Dhangri. Mansehra Deh	0	1	0	0	1	r	1	0
47	07-Apr-12	Measles	Mansehra	Syed Abad near Madni Masjid MC-1	1	0	0	0	1	r	1	0
48	02-Apr-12	Measles	Nowshera	Kalenjar, Bahram Kalay	0	0	1	0	1	r	1	0
49	02-Apr-12	Measles	Nowshera	Tent 1757, Phase 8, Jalozaï IDP's Camp	0	0	1	0	1	r	1	0
50	02-Apr-12	Measles	Nowshera	Tent: 22, Sector: A, Phase:07, B-1, Jalozaï IDP's Camp	1	0	0	0	1	r	1	0
51	03-Apr-12	Leishmaniasis	Nowshera	Maira, Dak Ismail Khel	1	1	0	1	3	r	3	0

52	04-Apr-12	Measles	Nowshera	Phase 05, Jalozai IDP's Camp. (Residing in Sher Abad, Peshawar)	1	0	0	0	1	r	1	0
53	04-Apr-12	Measles	Nowshera	Village Marhati, Misri Banda	1	0	0	0	1	r	1	0
54	04-Apr-12	Measles	Nowshera	Muqbara Road, Zando Banda	1	0	0	0	1	r	1	0
55	04-Apr-12	Measles	Nowshera	Mohallah Kulalaan, Zando Banda	0	1	0	0	1	r	1	0
56	04-Apr-12	Measles	Nowshera	Near CD Zando Banda, Zando Chowk, Zando Banda	1	0	0	0	1	r	1	0
57	04-Apr-12	Measles	Nowshera	Village Zakhi Qabristaan, Bara Mohallah, Kurvi, Akbar pura	0	0	0	1	1	r	1	0
58	02-Apr-12	NNT	Swabi	BMC Swabi, Gandaf Adda	0	0	1	0	1	r	1	0
59	03-Apr-12	Measles	Swabi	BMC Swabi, Bam khel	0	1	2	0	1	r	3	0
60	04-Apr-12	Measles	Swabi	Private Clinic, Mohallah Shadon, Kota	0	1	0	0	1	r	1	0
61	04-Apr-12	Measles	Swabi	Private Clinic, Topi	1	1	2	1	1	r	5	0
62	01-Apr-12	Measles	Shangla	Village Basi Chna Patai	1	0	0	1	2	r	3	0
63	01-Apr-12	Measles	Shangla	Village Barkalay/Alpurai	0	2	0	2	3	r	6	0
64	03-Apr-12	Measles	Swat	Village Qalagay Iovani dramon, UC Qalagay, Tehsil Kabal	1	0	0	0	1	r	1	0
65	04-Apr-12	Measles	Swat	Village and UC Tirath, Tehsil Bahrain	1	0	1	1	1	r	1	0
67	04-Apr-12	Measles	Swat	Village and UC Qalagay Mula pati, Tehsil Kabal	0	0	1	0	1	r	1	0
68	05-Apr-12	Measles	Swat	Village Haji Asghar Mohallah, UC Gul kada, Tehsil Babuzai	1	0	0	0	1	r	1	0
69	05-Apr-12	Measles	Swat	Village Nawagai Gidaro Cham, UC Ghalegay, Tehsil Barikot	1	0	0	0	1	r	1	0
70	06-Apr-12	Measles	Swat	Village Galoch, UC Kala Kale, Tehsil Kabal	1	0	0	0	1	r	1	0

Federal Administered Tribal Areas (FATA):

Figure-11: Two years trend of Other Acute Diarrhoea in FATA



DEWS was started in FATA three agencies (Bajaur, Khyber, Mohmand) since February, 2011 during FATA IDPs crisis. Figure 11 shows 2 years weekly percentage trend of OAD percentage trend. In week 14, 2012 OAD 1,199 cases or 8% were shared showing 2% increase as compared to previous week.

Figure-12: Distribution of consultations by communicable diseases

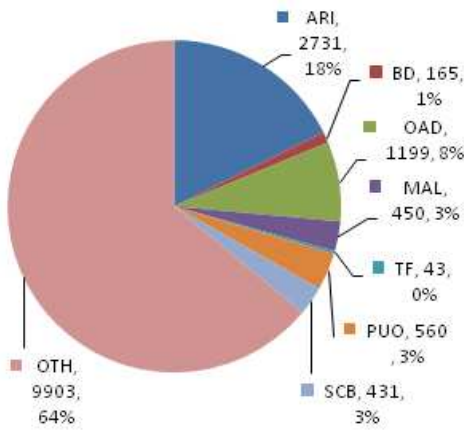
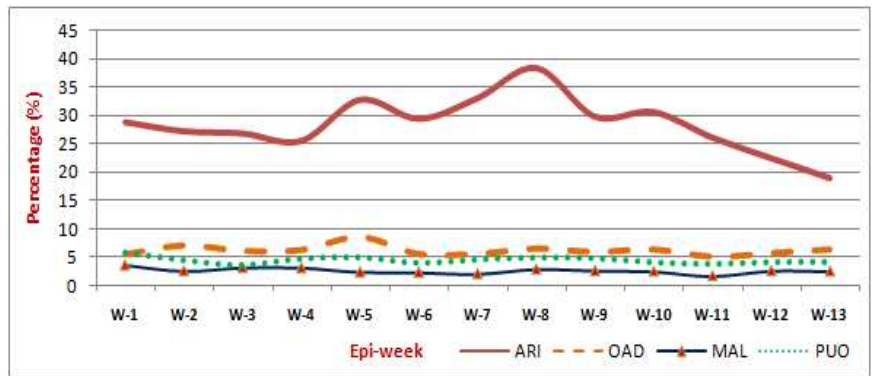
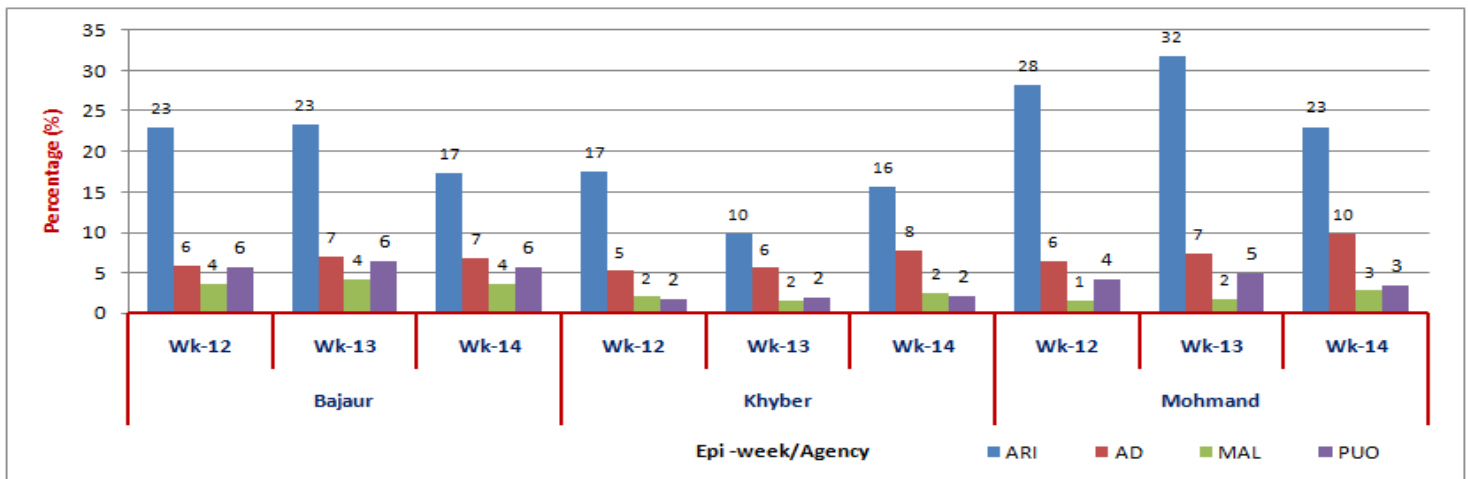


Figure-13: Weekly diseases (ARI, OAD, MAL and PUO) percentage trend



- Figure 12 shows distribution of consultations by communicable diseases in week 14, 2012 and figure 13 shows weekly percentage trend of ARI, OAD, MAL and PUO from week 1 to 14, 2012.
- This week, 54 health facilities reported from 3 agencies to eDEWS with a total of 15,482 patients' consultations.
- Acute Respiratory Tract Infection (ARI) 2,731 cases reported were showing 1% decrease in percentage as compared to week 13 patients' visits and accounted for 18% of the total consultations.
- Other Acute Diarrhea (OAD) 1,199 cases or 8% were showing 2% increase in percentage as compared to week 13 and suspected Malaria (Mal) 450 cases or 3% were shared.
- While Pyrexia of Unknown Origin (PUO) shared 560 cases or 4% which shows no change in percentage as compared to previous three weeks, Typhoid Fever (TF) 43 cases or <1% and Scabies 431 cases or 3% were reported.

Figure-14: ARI,OAD, MAL and PUO percentage situation of Federal Administered Treaty Agency (FATA) in last four weeks



The above figure 14 shows ARI, OAD, MAL and PUO percentage situation in FATA three agencies. During week 14, 2012 high percentage of ARI consultations were reported as compared to other diseases. In this week high percentage of ARI consultations were reported from Mohmand agency. In this week ARI 23% or 658 cases, 17% or 1,027 cases and 16% or 1,046 cases were shared respectively from Mohmand, Bajaur and Khyber agencies. Similarly Other Acute Diarrhoea 10% or 282 cases, 8% or 515 cases and 7% or 402 cases respectively from Mohmand, Khyber and Bajaur agencies. Pyrexia Unknown Origin (PUO) high percentage were reported 6% or 329 cases and suspected Malaria 4% or 208 cases from Bajaur agency as compared to other agencies.

Current week's Alert/Outbreak in FATA:

A total of 11 alerts (1 alert for leishmaniasis, 5 alerts for NNT and 5 measles alerts including 2 outbreaks) were reported and responded in this week.

S. No.	Date Investigated	Suspected Disease	Agency	Location	<5 M	>5 M	<5 F	>5 F	Sample	Positive	Cases	Death
1	03-Apr-12	NNT	Bajaur Agency	village Tanray, Tehsil Mamoon	1	0	0	0	0	r	1	0
2	04-Apr-12	NNT	Bajaur Agency	village Shahi Tangay, Tehsil Mamoon	1	0	0	0	0	r	1	0

3	04-Apr-12	NNT	Bajaur Agency	village Tangay-Babar sha, Tehsil Salarzai	1	0	0	0	0	r	1	0
4	03-Apr-12	Leishmaniasis	Bajaur Agency	village Rehman abad & village Sheikh meno, Tehsil Khar	1	0	1	0	0	r	2	0
5	05-Apr-12	NNT	Bajaur Agency	village Gabaray of Tehsil Mamood	1	0	0	0	0	r	1	1
6	06-Apr-12	NNT	Bajaur Agency	village jannat sha, Tehsil Ssalarzai	0	0	1	0	0	r	1	0
7	06-Apr-12	Measles	Bajaur Agency	village Bar Malasaid, Tehsil Salarzai	1	0	0	0	1	r	1	0
8	02-Apr-12	Measles	Khyber Agency	Village Qadam, UC Jamrud, Tehsil Jamrud	2	0	3	0	0	r	5	0
9	02-Apr-12	Measles	Khyber Agency	Village Raheem Quarters, UC Shah Kas, Tehsil Jamrud	0	2	1	0	0	r	3	0
10	02-Apr-12	Measles	Khyber Agency	Afghan Refugee Camp Warsak, UC Pindi Lalma, Tehsil Mulagori	9	2	0	2	2	r	13	0
11	04-Apr-12	Measles	Khyber Agency	Village Rikalay, Tehsil Jamrud	0	0	0	1	0	r	1	0

Figure-15: Total number of alerts/outbreak situation in Khyber Pakhtunkhwa & FATA through eDEWS System (Week 14, 2012)

