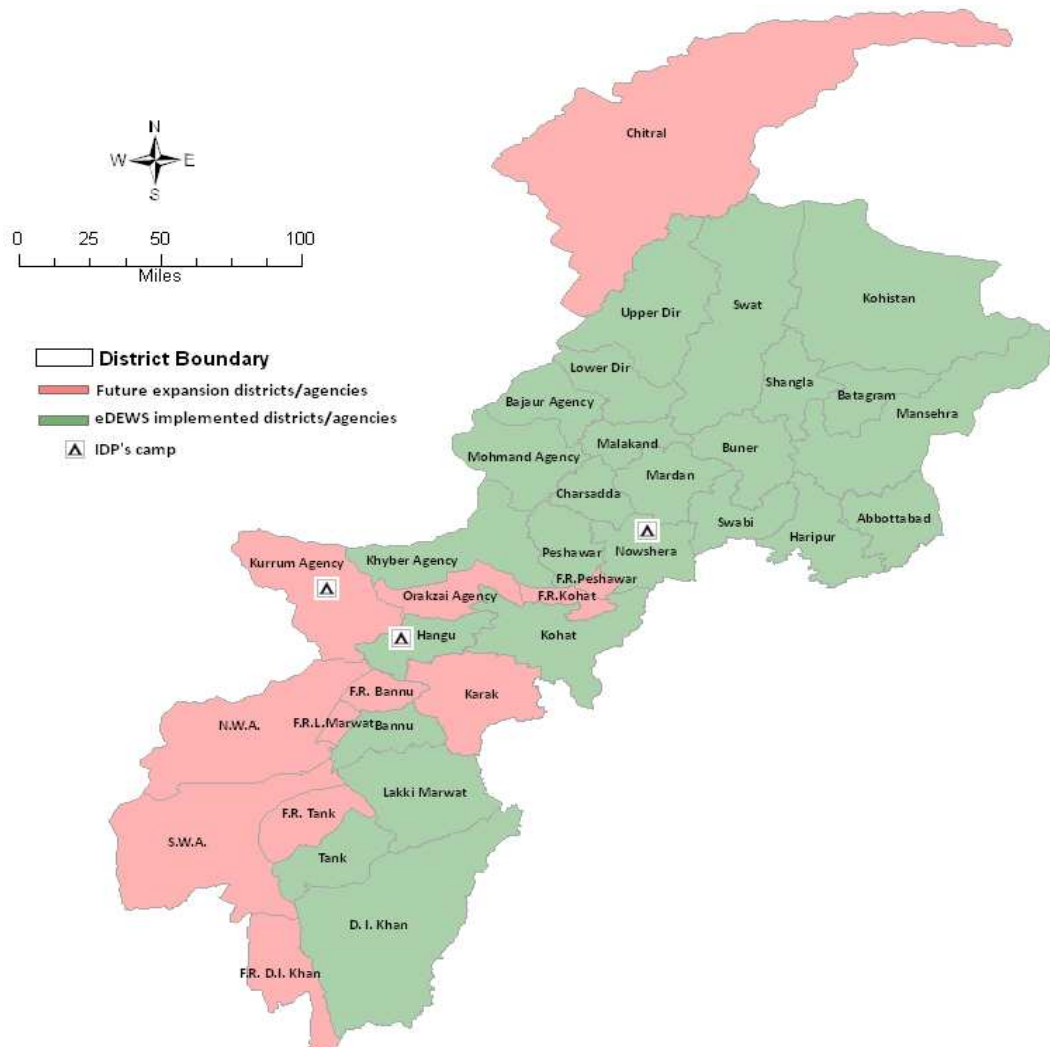


# Weekly **Epidemiological Bulletin**

## Electronic Disease Early Warning System & Response (eDEWS)

in Khyber Pakhtunkhwa and FATA

Epidemiological Week-15 (8<sup>th</sup> April to 14<sup>th</sup> 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

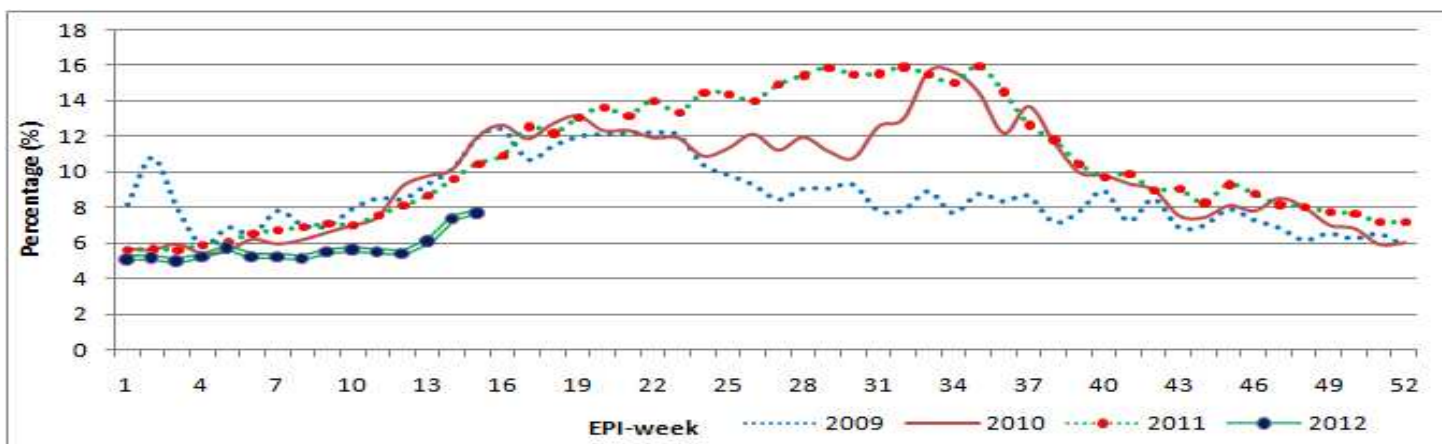
Other unusual diseases

## HIGHLIGHTS

- 18 districts and 3 agencies provided surveillance data to the eDEWS this week from 519 health facilities on time.
- A total of 132,102 consultations were reported through eDEWS of which 21% or 27,632 cases were Acute Upper Respiratory Infection, is still the highest cause of morbidity of total consultations were showing 2% decrease in percentage as compared to week 14.
- Other Acute Diarrhoea shared 8% or 10,230 cases of the total consultations showing 1% increase in percentage as compared to previous week.
- Pyrexia of Unknown Origin accounted for 5% or 6,488 cases out of total consultations.
- Skin Infection (Skin Inf.) reported at 3% or 3,740 cases and Typhoid Fever comprised only 1% or 752 cases out of total consultations.
- A total of 105 alerts including 4 measles, 1 BD and 1 leishmaniasis outbreaks were received. 75 alerts for suspected measles, 17 for leishmaniasis, 7 for NNT, 2 for diphtheria while 1 each for AFP, bloody diarrhoea, Tetanus and suspected DHF.

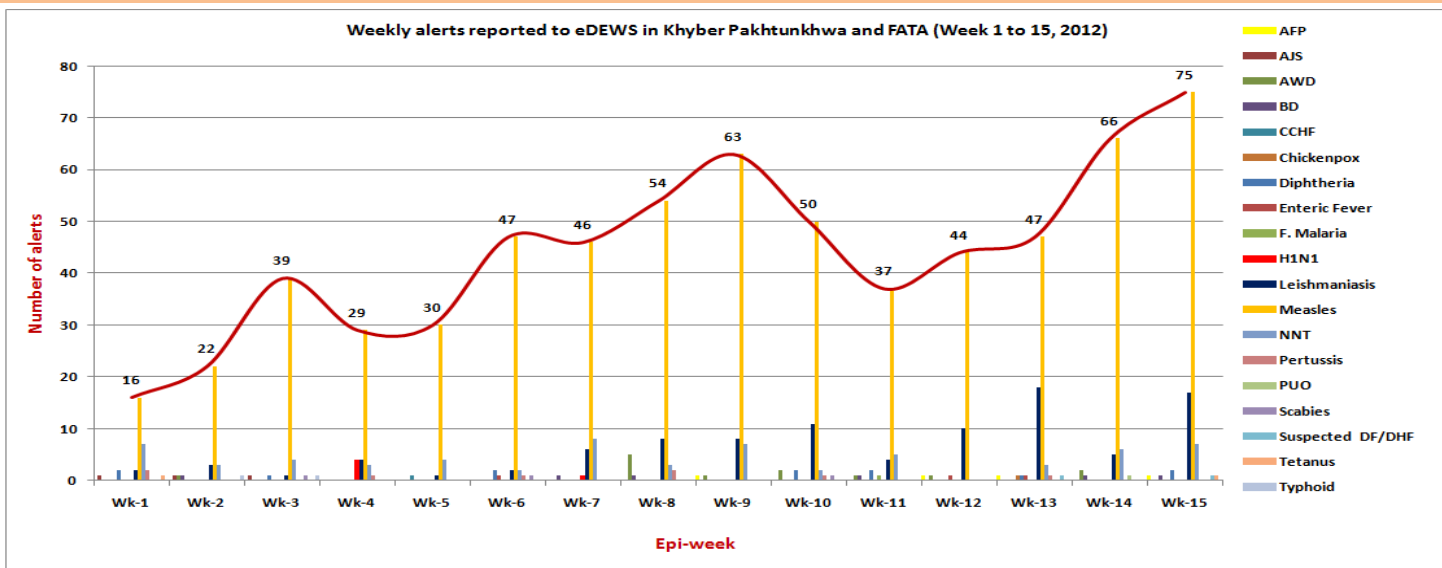
## Compiled situation in Khyber Pakhtunkhwa & FATA

Figure-1: Four years trend of Other Acute Diarrhea (OAD) in Khyber Pakhtunkhwa/FATA (2009, 2010, 2011 and 2012)



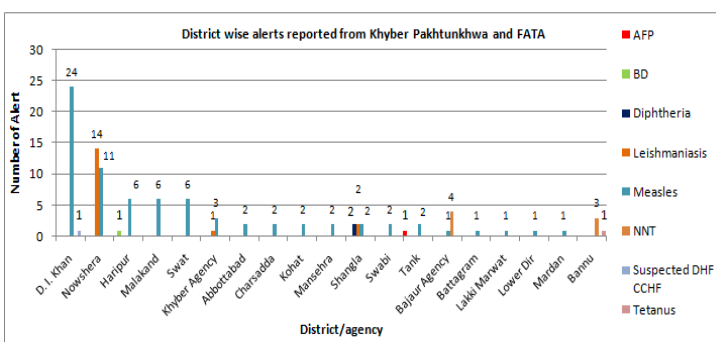
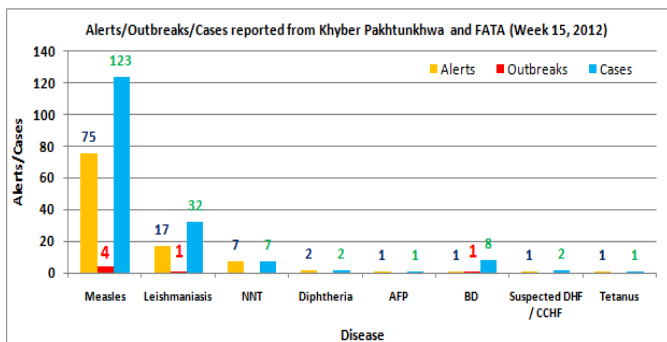
The above graph shows the trend of Other Acute Diarrhoea (OAD) cases out of total consultations reported to DEWS in 2009, 2010, 2011 and 2012 up until now. OAD percentage trend in year 2012 is showing increase due to seasonal effect. In this week 15, 2012 OAD consultations shows 8% or 10,230 cases of total cases which shows 1% increase in percentage as compared to week 14.

Figure-2: Alerts reported in Khyber Pakhtunkhwa/FATA (From week 1 to 15, 2012)



The above graph shows the different reported alerts to DEWS from week 1 to 15, 2012. A cumulative figure for the current year is 907 alerts (1,963 cases) including of 66 outbreaks were reported. Measles alerts are leading in Khyber Pakhtunkhwa and FATA with 676 alerts (1,226 cases) including 50 outbreaks. Followed by Leishmaniasis 100 alerts (304 cases) including 5 outbreaks, Neonatal Tetanus 64 alerts (66 cases), AWD 13 alerts (31 cases) including 1 outbreak, Diphtheria 12 alerts (12 cases), Pertussis 8 alerts (12 cases), Bloody diarrhoea 6 alerts (31 cases) including 3 outbreaks, H1N1 5 alerts (11 cases) including 1 outbreak, Typhoid 5 alerts (47 cases) including 3 outbreaks, AFP 4 alert (4 cases), AJS 3 alerts (28 cases) including 1 outbreak, Scabies 3 alerts (179 cases) including 2 outbreaks, suspected Dengue Fever/Dengue Hemorrhagic Fever 2 alert (6 cases), Tetanus 2 alert (2 cases), Chickenpox 1 alert (2 cases), CCHF 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 15, 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 15, 2012. In this week a total of **105 alerts (176 cases)** including **4 measles** while **1** each for **BD and leishmaniasis** outbreaks were reported. High number of alerts reported from district D.I. Khan 25 alerts (26 cases) including 24 measles and 1 suspected DHF alerts were shared, followed by Nowshera 25 alerts (32 cases including 14 leishmaniasis and 11 measles alerts), Haripur 7 alerts (17 cases including 1 BD outbreak and 6 measles alerts), Malakand 6 measles alerts (8 cases), Shangla 6 alerts (6 cases including 2 diphtheria, 2 leishmaniasis and 2 measles alerts), Swat 6 measles alerts (6 cases), Bajaur 5 alerts (5 cases including 4 NNT and 1 measles), Bannu 4 alerts (4 cases including 3 NNT and 1 Tetanus alerts), Khyber 4 alerts (43 cases including 2 measles and 1 leishmaniasis outbreaks), Tank 3 alerts (6 cases including 1 AFP and 2 measles alerts) while 2 each measles alert for Abottabad, Charsadda, Kohat, Mansehra and Swabi including 2 outbreaks, similarly 1 each measles alert for Battagram, Lakki Marwat, Lower Dir and Mardan were shared and responded.

❖ **6 outbreaks (measles 4, leishmaniasis 1 and BD 1) were reported in this week.**

- ✓ 2 measles and 1 leishmaniasis outbreaks were shared from Khyber agency.
  - 8 measles cases an outbreak was reported from village Naik Muhammad. 3 measles cases were reported by Mr. Dilbar (EPI Tech) on 12 April 2012. Response was given on the same day. Agency Surgeon, FSMO and DSV were informed. On active surveillance 5 more cases were found. So a total of 8 measles cases were detected. 4 suspected measles cases were already vaccinated on 27 March 2012 during a measles alert response. Blood sample and VTM throat swab was taken from 2 suspected cases. Vitamin A given to all suspected cases. Mass measles campaign of 27 children was done in the houses which were left from the last measles campaign. Health education was imparted. Report was shared with DOH.
  - 23 measles cases an outbreak was reported from village Ghani Khel. On 7<sup>th</sup> April 2012 suspected measles cases and a death were reported by Mr. Haji Naqeeb (EPI Tech) to SO DEWS. The situation was discussed with Agency Surgeon, FSMO and DSV. Mass measles campaign started on the same day. The campaign was started in the area for 5 days and a total of 1258 children were vaccinated. On active surveillance 23 cases were found in the affected area including 2 deaths. Blood samples were taken from 3 suspected children. Vitamin A given to the suspected cases. 4 seriously ill children were referred to AHQ Hospital Landikotal and they were admitted there. Health education was imparted in the affected area with the assistance of Dr. Sher Amin (AHCSO UNICEF Khyber Agency) and Dr. Wazir Akbar (N-STOP). Report was shared with Agency Surgeon, FSMO and FATA Directorate.
  - 9 leishmaniasis cases an outbreak was reported from village Kam Salman. On 31<sup>st</sup> March, 15 Leishmaniasis cases were reported in weekly DEWS report from BHU Kam Salman. The report was shared with PPHI. A surveillance visit was arranged 5<sup>th</sup> April with PPHI M&E officer to the affected area. But on that day the road to the affected was closed due to curfew by the military authorities. So the visit was rearranged on 9<sup>th</sup> April. During the active surveillance 9 cases were detected and the rest of the cases were already cured with medicines. Line list of the cases were formed. Health education was imparted. Report shared with PPHI and DEWS focal person. The plan is to provide Inj. Glucantime and preventive measures.
- ✓ 2 measles outbreaks were shared from Swabi.
  - 5 measles cases an outbreak was reported from Checknoda. Suspected case of measles was reported from Private Clinic in Checknoda. Case was investigated and responded in the presence of Health department personal. During investigation 4 more cases found in the same locality and one suspected measles child was died at LRH, Peshawar. Vit. A given, health education sessions conducted, EDO H and EPI coordinator Informed, Measles Mopup Vaccination planned in the relevant Village. WHO EHA and PPHI provided the essential medicines to the relevant Health Facility.
  - 6 measles cases an outbreak was reported from Dudher. Suspected case of measles was reported from Private Clinic. Case was investigated and responded in the presence of Health department personal. During investigation 5 more cases found in the same locality. Vit. A given, health education sessions conducted, EDO H and EPI coordinator Informed, Measles Mopup Vaccination planned in the relevant Village. WHO EHA and PPHI provided the essential medicines to the relevant Health Facility.
- ✓ 1 BD outbreak including 8 cases was from Haripur. An alert of Bloody diarrhoea was generated by CH Kotla from village Kotla. Epidemiological and environmental assessments were carried out in the area. On active case finding 7 more cases were identified who had developed BD. Water samples were taken and assessed for contamination. Assessment revealed contamination in the water source which is an unprotected stream. Stool sample was taken and sent to NIH. Health and hygiene sessions were conducted for the affected community. Soaps and aqua tabs were also distributed in the community. EDO health was informed of the suspected cases.

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

Disease name	Week-12	Week-13	Week-14	Week-15	Total Consultations (1 <sup>st</sup> Jan to 14 <sup>th</sup> Apr, 2012)
Acute Diarrhoea	7,390 (5%)	9,441 (6%)	10,943 (7%)	10,230 (8%)	104,301 (6%)
Bloody Diarrhoea	846 (1%)	1,089 (1%)	1,080 (1%)	955 (1%)	12,766 (1%)
Suspected Malaria	1,569 (1%)	2,400 (2%)	1,941 (1%)	2,188 (2%)	21,738 (1%)
Skin Diseases	3,750 (3%)	4,177 (3%)	4,311 (3%)	3,740 (3%)	49,095 (3%)
Pyrexia of Unknown Origin	6,397 (5%)	7,145 (5%)	7,419 (5%)	6,488 (5%)	81,992 (5%)
Acute Respiratory Infection	35,426 (26%)	36,261 (23%)	33,368 (23%)	27,632 (21%)	506,366 (28%)
<b>Total Consultations</b>	<b>136,634</b>	<b>154,877</b>	<b>147,848</b>	<b>132,102</b>	<b>1,821,779</b>

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

Since January 1, 2012, approximately 1,821,779 patient consultations have been reported to the eDEWS from Khyber Pakhtunkhwa province and Federal Administered Tribal Areas (FATA).

In this week 15, 2012 (8<sup>th</sup> April to 14<sup>th</sup> April, 2012) reports were received from 519 health centres and the major causes for seeking health care by the communities in almost all of the regions were diarrhoeal diseases 10,230 cases or 8%, acute respiratory infections 27,632 cases or 21%, skin diseases 3,740 cases or 3% and suspected malaria 2,188 cases or 2%.

**Figure-4: Total number of HF# reported and consultations (Week no.1 to 15, 2012)**

**Figure-5: Leading communicable diseases percentage trend in Khyber Pakhtunkhwa and FATA (Week no.1 to 15, 2012)**

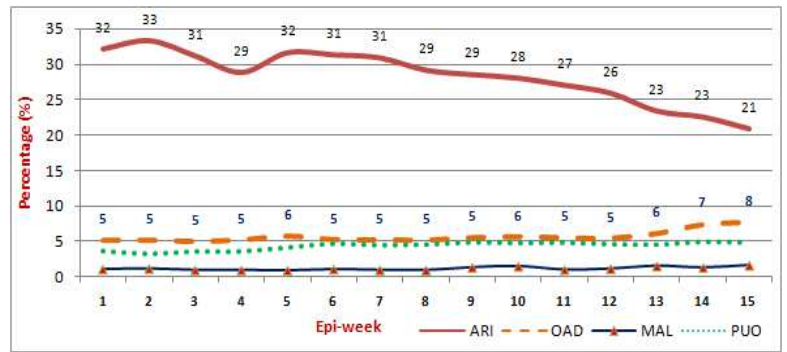
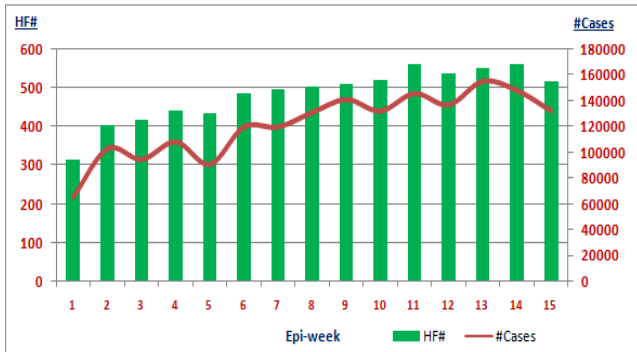


Figure 4 shows the number of health facilities and total number of consultations reported. Figure 5 shows the weekly percentage trend of ARI, Other Acute Diarrhoea, suspected Malaria and Pyrexia of Unknown Origin in Khyber Pakhtunkhwa and FATA from week 1 to 15, 2012. ARI percentage is showing decrease and OAD showing increase since week 12 due to seasonal effect.

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

Respiratory Diseases	Week-14	Week-15
Upper Respiratory Infection	31,124	25,878
Pneumonia <5	1,228	939
Pneumonia >5	1,016	815

**Figure-6:**

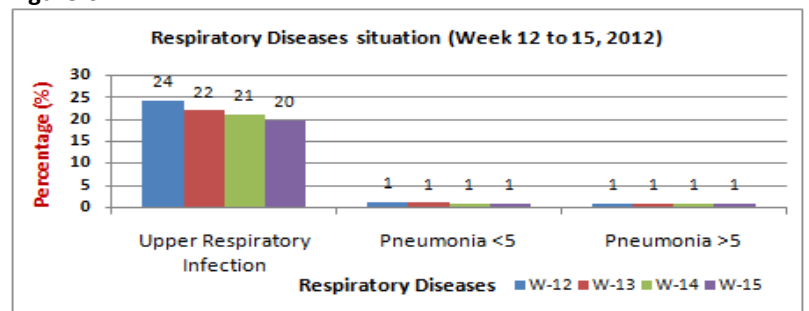


Table 2 shows the last two weeks Acute Respiratory Tract Infection (Upper Respiratory Tract Infection and Lower Respiratory Tract Infection (Pneumonia)) consultations comparison and figure 5 shows the last four weeks percentage situation of ARI.

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

Gastro Intestinal Diseases	Week-14	Week-15
Bloody Diarrhea <5	432	357
Bloody Diarrhea >5	648	598
Other Acute Diarrhea <5	5,651	5,460
Other Acute Diarrhea >5	5,292	4,770
Typhoid Fever	431	752

**Figure-7:**

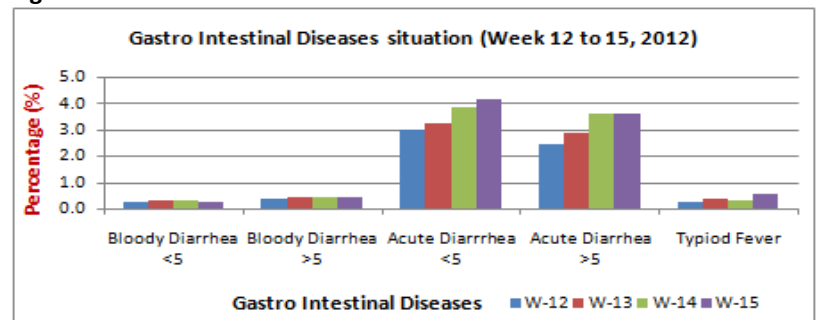


Table 3 shows the last two weeks cases of Gastro Intestinal Diseases and figure 6 shows the percentage of last four weeks.

## Province Khyber Pakhtunkhwa:

Figure-8: Distribution of consultations by communicable diseases

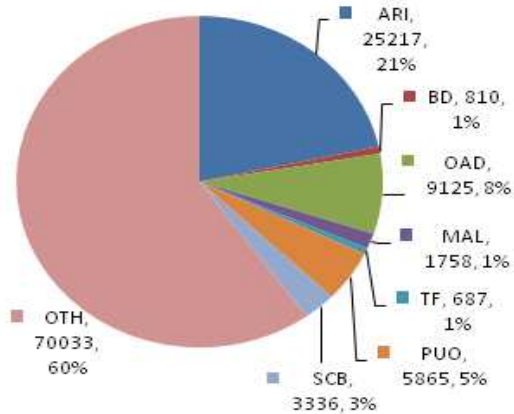
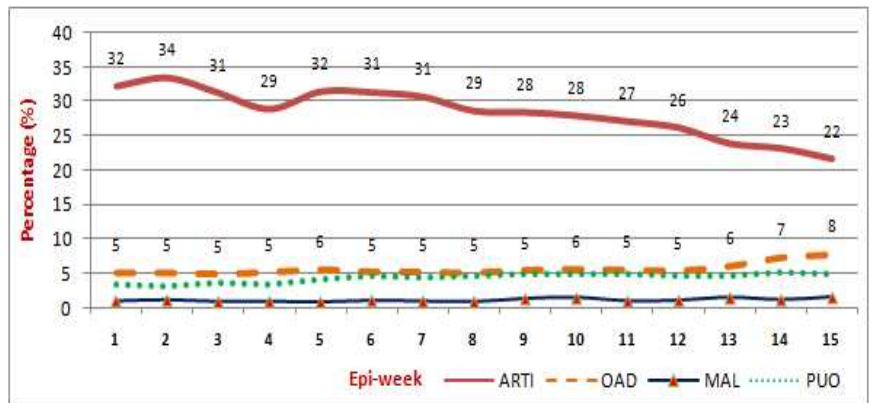
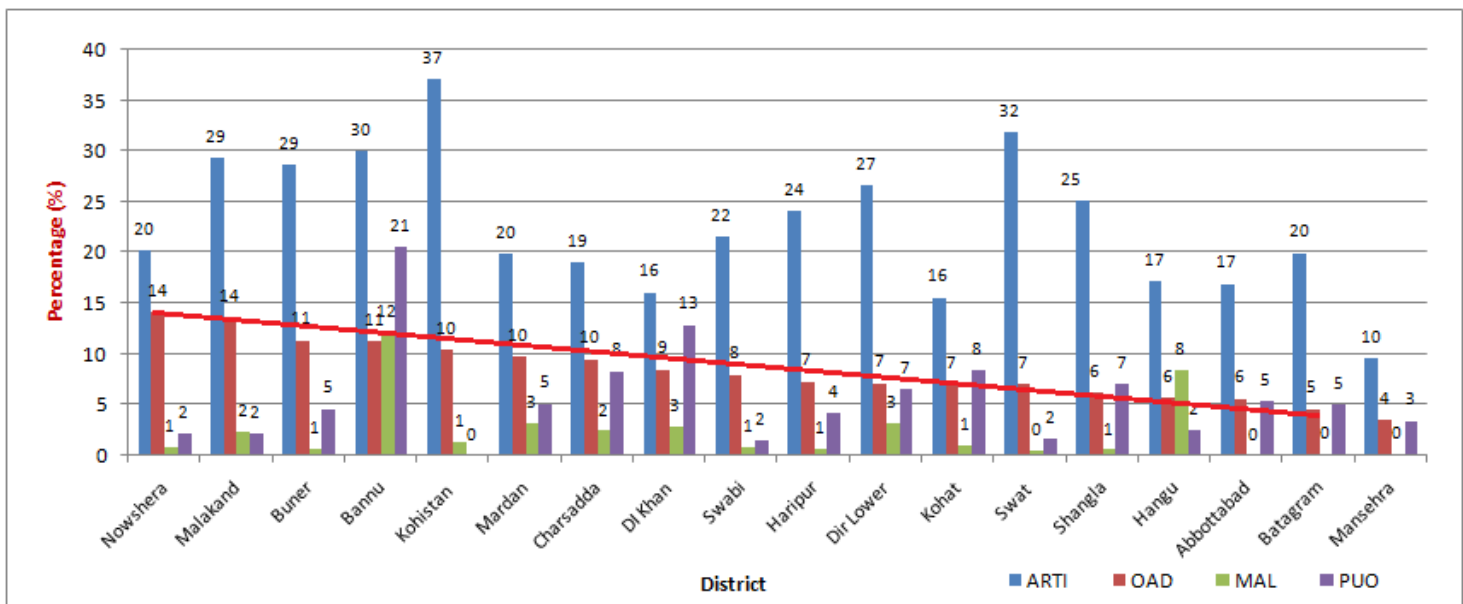


Figure-9: Weekly diseases (ARI, OAD, MAL and PUO) percentage trend



- Figure 8 shows distribution of consultations by communicable diseases in week 15, 2012 and figure 9 shows weekly percentage trend of ARI, OAD, MAL and PUO from week 1 to 15, 2012.
- This week 18 districts reported to eDEWS from 467 health facilities with a total of 116,831 patients' consultations.
- Acute Respiratory Tract Infection 25,217 cases reported were showing 1% decrease in percentage as compared to week 14 patients' visits and accounted for 22% of the total consultations.
- Other Acute Diarrhea cases 9,125 or 8% showing 1% increase in percentage as compared to previous week and suspected Malaria 1,758 cases or 2% were reported.
- While Pyrexia of Unknown Origin cases 5,865 or 5% showing no change in percentage since week 6, 2012.
- Typhoid Fever (TF) cases 687 or 1% and Scabies cases 3,336 or 3% were reported.

Figure-10: ARI, OAD, MAL and PUO percentage situation of Khyber Pakhtunkhwa district wise in week 15, 2012



The above figure shows ARI, OAD, MAL and PUO percentage situation district wise in week 15, 2012. During this week high percentage of OAD consultations were reported from district Nowshera 14% (529 cases), followed by district Malakand 14% (980 cases), Buner 11% (715 cases), Bannu 11% (75 cases), Kohistan 10% (179 cases), Mardan 10% (507 cases) and Charsadda 10% (1,158 cases). Similarly high percentage of ARI cases were reported from district Kohistan 37% (633 cases), Swat 32% (4,525 cases), Bannu 30% (199 cases), Malakand 29% (2,124 cases), Buner 29% (1,800 cases) and Lower Dir 27% (1,055 cases). High percentages of suspected Malaria were reported from district Bannu 12% (80 cases), Hangu 8% (396 cases) and Lower Dir 3% (126 cases). High percentage of Pyrexia of Unknown Origin (PUO) consultations were reported from district Bannu 21% (136 cases), D.I. Khan 13% (923 cases), Kohat 8% (558 cases), Charsadda 8% (1,011 cases), Shangla 7% (303 cases) and Lower Dir 7% (260 cases).

**Current week's Alert/Outbreak in Khyber Pakhtunkhwa:**

➤ A total of 96 alerts including 2 measles and 1 BD outbreaks were received in this week. 71 alerts for suspected measles, 16 for leishmaniasis, 3 for NNT, 2 for diphtheria while 1 each for AFP, bloody diarrhoea, Tetanus and suspected DHF.

S. No.	Date Investigated	Suspected Disease	District	Location	<5 M	>5 M	<5 F	>5 F	Sample	Positive	Cases	Death
1	10-Apr-12	NNT	Bannu	Village Sher Gul Khan Kala Khujari District: Bannu	1	0	0	0	0	r	1	0
2	10-Apr-12	NNT	Bannu	Village Asmat Kala Khujari	0	1	0	0	0	r	1	0
3	11-Apr-12	NNT	Bannu	People Bazaar Dowishta Village Maman Khel	1	0	0	0	0	r	1	0
4	11-Apr-12	Tetanus	Bannu	Village Archa Kala Mamash Khel District: Bannu	0	0	0	1	0	r	1	0
5	12-Apr-12	Measles	Lakki Marwat	Village Thal Phar Khel	0	1	0	0	1	r	1	0
6	10-Apr-12	Measles	Abbottabad	PMA Quarters, Cant Abbottabad	1	0	0	0	1	r	1	0
7	10-Apr-12	Measles	Abbottabad	Mohalla Qasab, Havallian City	1	0	0	0	1	r	1	0
8	11-Apr-12	Measles	Battagram	Village Takkeya, Bandigo, UC Bannia	0	0	1	0	1	r	1	0
9	11-Apr-12	Measles	Charsadda	Tobra khel, Prang	0	0	1	0	1	r	1	0
10	12-Apr-12	Measles	Charsadda	Muftiabad, Khoray	0	0	1	0	1	r	1	0
11	06-Apr-12	BD	Haripur	Village Kotla, UC Muslimabad	0	3	1	5	1	r	8	0
12	09-Apr-12	Measles	Haripur	Darband Colony, UC Tarbella	1	0	0	0	1	r	1	0
13	13-Apr-12	Measles	Haripur	Afghan Refugee camp UC Panian	1	0	0	0	0	r	1	0
14	11-Apr-12	Measles	Haripur	Muhallah Khiva, UC Khalabut	2	1	1	0	1	r	4	0
15	09-Apr-12	Measles	Haripur	Malkiar Road, Muhallah Asifa abad, UC Sikandarpur	0	1	0	0	1	r	1	0
16	07-Apr-12	Measles	Haripur	Muhallah Daragree, UC Khalabut	1	0	0	0	1	r	1	0
17	10-Apr-12	Measles	Haripur	Village Nertopa, Golia Mear, UC Kakotree	0	0	0	1	1	r	1	0
18	12-Apr-12	Measles	Kohat	Near high school, UC Surgul	0	1	0	0	1	r	1	0
19	12-Apr-12	Measles	Kohat	Doaba, UC Darsamand	0	0	1	0	1	r	1	0
20	12-Apr-12	Measles	Lower Dir	Village Nway Kalay, UC Timergara, Tehsil Balambat	0	0	1	0	1	r	1	0
21	13-Apr-12	Measles	Mardan	Village Shahi Bagh, UC Guli Bagh	1	0	0	0	1	r	1	0
22	08-Apr-12	Measles	Shangla	Alooch Puran	1	0	0	0	1	r	1	0
23	08-Apr-12	Measles	Shangla	Bar Puran	0	0	1	0	1	r	1	0
24	09-Apr-12	Leishmaniasis	Shangla	Village Martooba UC Bar Puran	0	1	0	0	1	r	1	0
25	10-Apr-12	Leishmaniasis	Shangla	Village Banjar UC Alooch	0	1	0	0	1	r	1	0
26	10-Apr-12	Diphtheria	Shangla	Village syed Abad Chakesar	0	0	0	1	1	r	1	0
27	10-Apr-12	Diphtheria	Shangla	Village Mayaro Ser Alpurai	0	0	0	1	1	r	1	0
28	10-Apr-12	Measles	Swabi	Private Clinic, Checknoda	3	1	1	0	1	r	5	1
29	11-Apr-12	Measles	Swabi	Private Clinic, Dudher, Tandkohi	1	3	1	1	1	r	6	0

30	09-Apr-12	Measles	Swat	Village Sambat UC Baidara, Tehsil Matta	0	0	1	0	1	r	1	0
31	09-Apr-12	Measles	Swat	Village Bama Khela, UC & Tehsil Matta	0	0	1	0	1	r	1	0
32	10-Apr-12	Measles	Swat	Village Mandal Dag, UC Gwalerai, Tehsil Matta	0	0	1	0	1	r	1	0
33	10-Apr-12	Measles	Swat	Village Salanda Manglore, UC Aka Maruf Bamikhel, Tehsil Babuzai	0	1	0	0	1	r	1	0
34	11-Apr-12	Measles	Swat	Village Goray Kale Manglore, UC Aka Maruf Bamikhel, Tehsil Babuzai	0	0	1	0	1	r	1	0
35	12-Apr-12	Measles	Swat	Village and UC Sangota, Tehsil Babuzai	0	0	1	0	1	r	1	0
36	10-Apr-12	AFP	Tank	ElahiAbad	0	0	1	0	GPE	r	1	0
37	13-Apr-12	Measles	Tank	Maghzai	1	0	1	1	1	r	3	0
38	13-Apr-12	Measles	Tank	Qutab colony	0	1	1	0	1	r	2	0
39	07-Apr-12	Measles	D. I. Khan	City 2,	1	0	0	0	1	r	1	0
40	07-Apr-12	Measles	D. I. Khan	Gara Mu	0	0	1	0	1	r	1	0
41	07-Apr-12	Measles	D. I. Khan	Abdul Khail, Tehsil Pahar Pur	0	0	1	0	1	r	1	0
42	07-Apr-12	Measles	D. I. Khan	Muryali	0	0	1	0	1	r	1	0
43	07-Apr-12	Measles	D. I. Khan	Malana	0	0	1	0	1	r	1	0
44	07-Apr-12	Measles	D. I. Khan	City 2	0	1	0	0	1	r	1	0
45	07-Apr-12	Measles	D. I. Khan	Paroa	0	0	1	0	1	r	1	0
46	07-Apr-12	Measles	D. I. Khan	City 2	1	0	0	0	1	r	1	0
47	10-Apr-12	Measles	D. I. Khan	City 2	0	1	0	0	1	r	1	0
48	10-Apr-12	Measles	D. I. Khan	Muryali	0	0	1	0	1	r	1	0
49	10-Apr-12	Measles	D. I. Khan	Abdul Khail, Tehsil Pahar Pur	1	0	0	0	1	r	1	0
50	10-Apr-12	Measles	D. I. Khan	Kulachi,	1	0	0	0	1	r	1	0
51	10-Apr-12	Measles	D. I. Khan	City 2	0	1	0	0	1	r	1	0
52	10-Apr-12	Measles	D. I. Khan	Kulachi,	1	0	0	0	1	r	1	0
53	10-Apr-12	Measles	D. I. Khan	Ramak, Tehsil Paroa	1	0	0	0	1	r	1	0
54	10-Apr-12	Measles	D. I. Khan	Kulachi,	1	0	0	0	1	r	1	0
55	13-Apr-12	Measles	D. I. Khan	Mughal Kot, Darazinda,	1	0	0	0	1	r	1	0
56	13-Apr-12	Measles	D. I. Khan	Zakori Diesel Pump, Pusha Pul	0	0	1	0	1	r	1	0
57	13-Apr-12	Measles	D. I. Khan	Noble Town, City 1,	1	0	0	0	1	r	1	0
58	13-Apr-12	Measles	D. I. Khan	Village Rohrii, Tehsil Kulachi	1	0	0	0	1	r	1	0
59	13-Apr-12	Measles	D. I. Khan	Garah Ahmad, Daraban Road	0	0	1	0	1	r	1	0

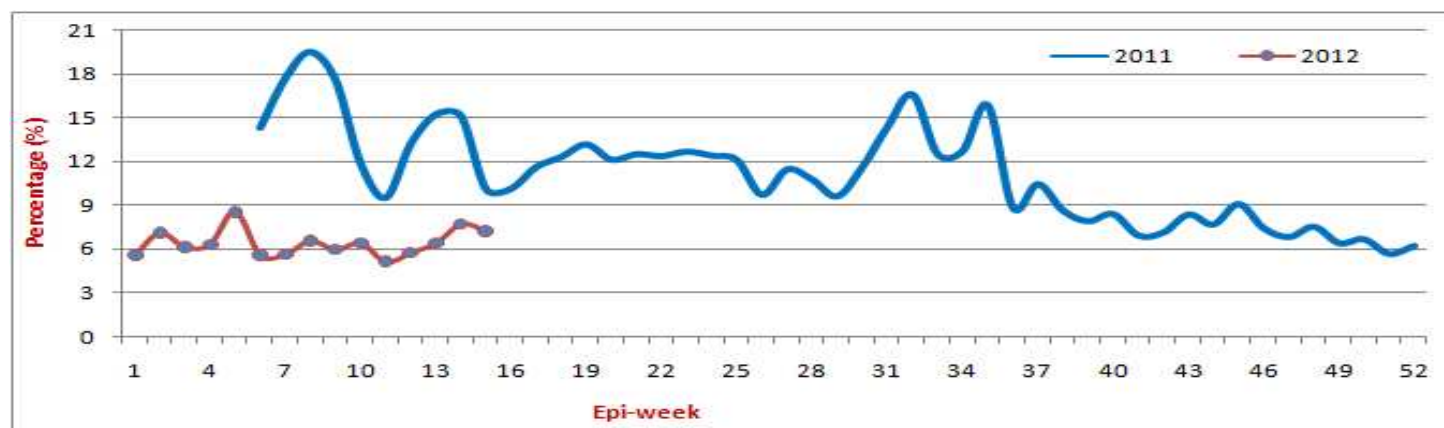
60	13-Apr-12	Measles	D. I. Khan	Bilot Shareef, Tehsil Pahar Pur	0	0	1	0	1	r	1	0
61	13-Apr-12	Measles	D. I. Khan	Mohallah Piran Wala, Attal Shareef	1	0	0	0	1	r	1	0
62	13-Apr-12	Measles	D. I. Khan	Mardan Pul, Pahar Pur	0	0	1	0	1	r	1	0
63	13-Apr-12	Suspected DHF / CCHF	D. I. Khan	Village Malana, Post Office Pakka Malana	0	2	0	0	2	r	2	0
64	09-Apr-12	Measles	Malakand	Aladand	1	0	1	0	1	r	2	0
65	10-Apr-12	Measles	Malakand	Totakan	0	1	0	0	1	r	1	0
66	10-Apr-12	Measles	Malakand	Thana	0	0	1	0	1	r	1	0
67	10-Apr-12	Measles	Malakand	Kashmir Kili	0	0	0	1	1	r	1	0
68	13-Apr-12	Measles	Malakand	Aladand	1	0	1	0	1	r	2	0
69	13-Apr-12	Measles	Malakand	Pirkhel	0	0	1	0	1	r	1	0
70	09-Apr-12	Measles	Nowshera	Khweshgi Payan, C/O Dr Ilyas Khan	0	0	1	0	1	r	1	0
71	09-Apr-12	Measles	Nowshera	Khweshgi Bala, C/O Dr Ilyas Khan	0	1	0	0	1	r	1	0
72	09-Apr-12	Measles	Nowshera	Bahram Kalay, C/O M.O./Incharge, BHU Bahram Kalay	0	0	1	0	1	r	1	0
73	09-Apr-12	Measles	Nowshera	Bahram Kalay, C/O M.O./Incharge, BHU Bahram Kalay	0	0	1	0	1	r	1	0
74	09-Apr-12	Leishmaniasis	Nowshera	Chowar Khel, Inzari	0	0	1	0	1	r	1	0
75	09-Apr-12	Leishmaniasis	Nowshera	Mughal Khel, Kahi	0	0	0	1	1	r	1	0
76	09-Apr-12	Leishmaniasis	Nowshera	Mohallah Nasu Khel, Inzari	0	0	0	5	5	r	5	0
77	09-Apr-12	Leishmaniasis	Nowshera	Mohallah Myaz Khel, Inzari	0	2	0	0	2	r	2	0
78	09-Apr-12	Leishmaniasis	Nowshera	Mohallah Mula Khel, Inzari	0	0	0	1	1	r	1	0
79	09-Apr-12	Leishmaniasis	Nowshera	Mohallah Zanda Khel, Kahi	0	0	0	3	3	r	3	0
80	09-Apr-12	Leishmaniasis	Nowshera	Mohallah Usman Khel, Inzari	0	0	1	0	1	r	1	0
81	09-Apr-12	Leishmaniasis	Nowshera	Mohallah Bare Khel, Kahi	0	1	0	0	1	r	1	0
82	09-Apr-12	Leishmaniasis	Nowshera	Mohallah Karem Khel, Kahi	0	0	0	1	1	r	1	0
83	09-Apr-12	Leishmaniasis	Nowshera	Mohallah Shain Abad, Inzari	0	0	0	1	1	r	1	0
84	09-Apr-12	Leishmaniasis	Nowshera	Mohallah Kaske Khel, Kahi	1	0	0	0	1	r	1	0
85	09-Apr-12	Leishmaniasis	Nowshera	Mohallah Darbe Khel, Kahi	0	1	0	0	1	r	1	0
86	09-Apr-12	Leishmaniasis	Nowshera	Phase 4, Sector C, Block 6, Tent 48	1	0	0	0	1	r	1	0



87	11-Apr-12	Measles	Nowshera	Kurvi, Mohallah: Qazyaan Payaan, C/O BHU Banda Malahaan	0	1	0	0	1	r	1	0
88	11-Apr-12	Measles	Nowshera	Mohallah: Miagaan, Village & UC: Akbarpura, C/O RHC Akbarpura	0	1	0	0	1	r	1	0
89	11-Apr-12	Measles	Nowshera	Mohallah: Saidaan, Village & UC: Akbarpura, C/O RHC Akbarpura	0	0	0	1	1	r	1	0
90	11-Apr-12	Leishmaniasis	Nowshera	Phase 8, Tent 1795	0	0	0	1	1	r	1	0
91	12-Apr-12	Measles	Nowshera	Phase 04, B-5, Tent: 94, Jalozai IDP's Camp.	0	0	1	0	1	r	1	0
92	13-Apr-12	Measles	Nowshera	Khyber Agency, Registration No. 99863/ Tent no. 93	0	1	0	0	1	r	1	0
93	13-Apr-12	Measles	Nowshera	Registration no. 104786	1	0	0	0	1	r	1	0
94	13-Apr-12	Measles	Nowshera	Phase 4, Sector B, Block 5, Tent 94	0	0	1	0	1	r	1	0
95	11-Apr-12	Measles	Mansehra	Mohallah Moori Chakiya UC Data	0	1	0	0	1	r	1	0
96	14-Apr-12	Measles	Mansehra	Dab # 1 MC4	0	0	1	0	1	r	1	0

**Federal Administered Tribal Areas (FATA):**

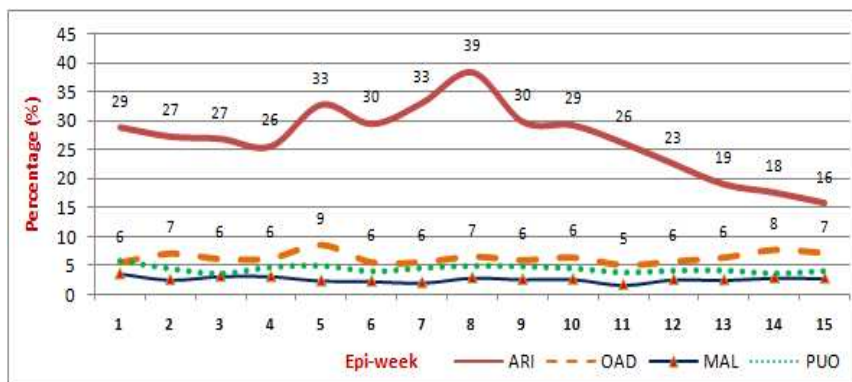
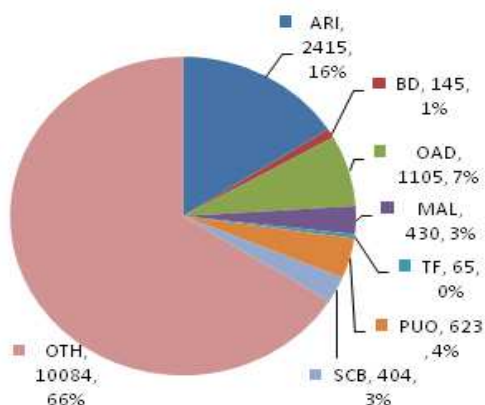
**Figure-11: Two years trend of Other Acute Diarrhoea in FATA**



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 15, 2012 OAD 1,105 cases or 7% were shared showing 1% decrease as compared to previous week.

**Figure-12: Distribution of consultations by communicable diseases**

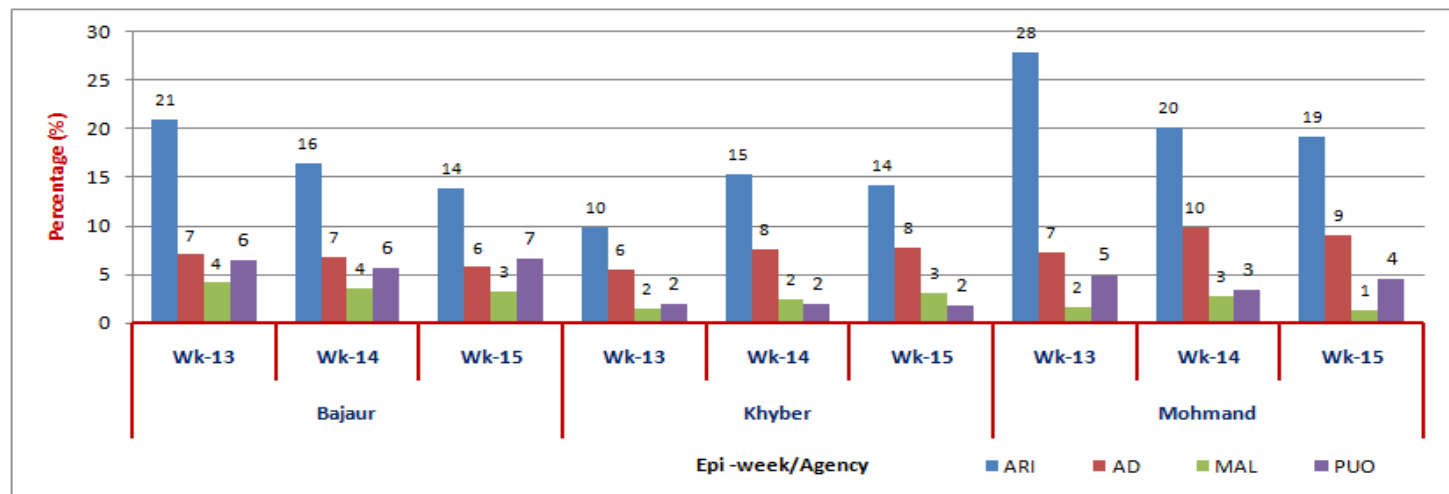
**Figure-13: Weekly diseases (ARI, OAD, MAL and PUO) percentage trend**



- Figure 12 shows distribution of consultations by communicable diseases in week 15, 2012 and figure 13 shows weekly percentage trend of ARI, OAD, MAL and PUO from week 1 to 15, 2012.

- This week, 52 health facilities reported from 3 agencies to eDEWS with a total of 15,271 patients' consultations.
- Acute Respiratory Tract Infection (ARI) 2,415 cases reported were showing 2% decrease in percentage as compared to week 14 patients' visits and accounted for 16% of the total consultations.
- Other Acute Diarrhea (OAD) 1,105 cases or 7% were showing 1% decrease in percentage as compared to week 14 and suspected Malaria (Mal) 430 cases or 3% were shared.
- While Pyrexia of Unknown Origin (PUO) shared 623 cases or 4% which shows no change in percentage as compared to previous four weeks, Typhoid Fever (TF) 65 cases or <1% and Scabies 404 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 15, 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 19% or 537 cases, 14% or 946 cases and 14% or 809 cases were shared respectively from Mohmand, Khyber and Bajaur agencies. Similarly Other Acute Diarrhoea 9% or 253 cases, 8% or 518 cases and 6% or 334 cases respectively from Mohmand, Bajaur and Khyber agencies. Pyrexia Unknown Origin (PUO) cases high percentage were reported 7% or 384 cases, 4% (126 cases) respectively from Bajaur and Mohmand agencies were reported. Suspected Malaria was remained 3% (190 cases) in Bajaur, 3% (202 cases) in Khyber and 1% (38 cases) in Mohmand agencies.

### Current week's Alert/Outbreak in FATA:

- A total of 9 alerts (4 alerts for NNT and 4 alerts for measles including 2 outbreaks and 1 alert for leishmaniasis which was declared as an outbreak) 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	11-Apr-12	Measles	Bajaur Agency	village Inayat Kalay, Tehsil Khar	1	0	0	0	1	r	1	0
2	11-Apr-12	NNT	Bajaur Agency	village Guatay, Tehsil Mamoon	1	0	0	0	1	r	1	0
3	12-Apr-12	NNT	Bajaur Agency	village Nawagai-Khareno, Tehsil Nawagai	1	0	0	0	1	r	1	0
4	13-Apr-12	NNT	Bajaur Agency	village Dabar of Tehsil Salarzai	1	0	0	0	1	r	1	0
5	13-Apr-12	NNT	Bajaur Agency	village Badanu of Tehsil Mamoon	1	0	0	0	1	r	1	0
6	07-Apr-12	Measles	Khyber Agency	Village Gajo, UC Kambila, Tehsil Landikotal	0	1	2	0	1	r	3	0
7	09-Apr-12	Leishmaniasis	Khyber Agency	Kam Shalman, Tehsil Landikotal	5	0	3	1	0	r	9	0
8	10-Apr-12	Measles	Khyber Agency	Ghani khel and Sherikhel, UC Sheikmal khel, Tehsil Landikotal	11	4	4	4	3	r	23	2
9	12-Apr-12	Measles	Khyber Agency	Village Naik Muhammad, UC Mian Morcha, Tehsil Mulagori	5	1	2	0	2	r	8	0

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

