



World Health Organization

**Communicable Disease Surveillance Report**  
Flood Affected Districts, Balochistan.  
**Epidemiological Week, 11 - 2008**

This DEWS report for week, 11-2008 (08 – 14 Mar, 2008) is prepared with the cooperation of the following Districts running the health facilities:

- **District Health Department Kech, Balochistan.**
- **District Health Department Gwadar, Balochistan.**
- **District Health Department Jhal Magsi, Balochistan.**
- **District Health Department Bolan, Balochistan.**
- **District Health Department Naseerabad, Balochistan.**
- **District Health Department Lasbella, Balochistan.**
- **District Health Department Awaran, Balochistan.**
- **District Health Department Jaffer abad, Balochistan**
- **District Health Department Kharan, Balochistan**
- **District Health Department Washuk, Balochistan**
- **District Health Department Quetta, Balochistan**

## HIGHLIGHTS

- Reporting districts were 11 for week 11-2008 (Kech, Gwader, Jhal Magsi, Bolan, Lasbella, Naseer abad, Awaran, Jaffer abad, Kharan, Washuk and Quetta ) and reported sites were 114.
- The figures from district Khuzdar are not incorporated in this weekly bulletin because the data from all the Health facilities were available at EDO Health office but due network problem the data was not received timely by WHO office Quetta.

- The reporting is less from Jaffarabad district due to the reason that EDO Health Jaffarabad was always sending the data on monthly basis now he has started to send the data on weekly basis and presently the EDO Health with all the concerned staff is on a training at karachi.
- Total consultations in this week were **12952**.
- Suspected Malaria remained the highest cause of morbidity by sharing **19.70% (2551)** of the total consultations.
- URTI was the second highest cause of morbidity with a share of **15.95 % (2066)** out of the total consultations.
- In this week Lower Respiratory Tract Infection shared **8.52% (1104)** of total consultations and was the third cause of morbidity among all diseases.
- There were **949 (7.33 %)** cases of Acute watery diarrhoea reported in week 11-2008.
- UF shared **3.96% (513)** of total consultation.
  
- No out break or alert was reported from any part of these 11 districts by EDO Health.

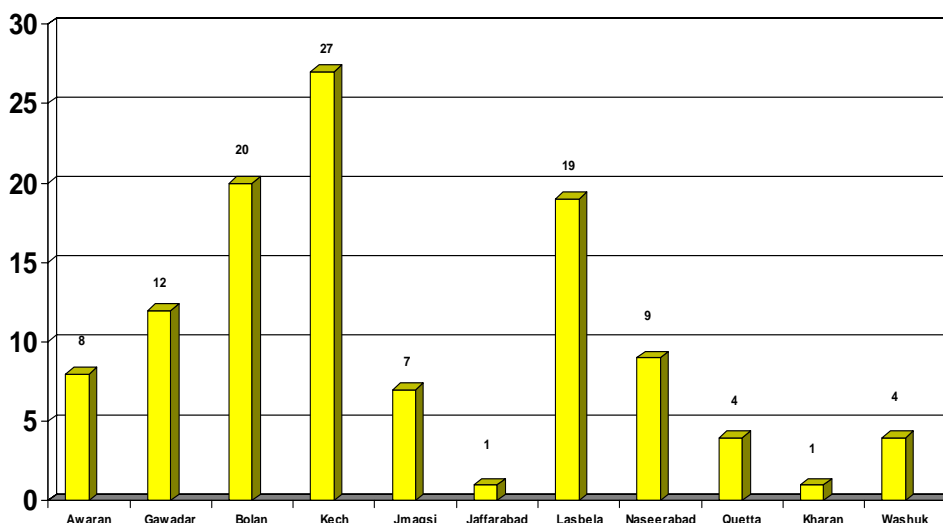
## Reporting Sites

For epidemiological week 11-2008 (08 – 14 Mar, 2008), data reports received from 114 Reporting sites from 11 flood affected districts, comprising 12952 consultations including 0 deaths.

Fig 1 and Table 1, illustrate details of the reporting sites, district wise.

**Fig-1**

**Number of reported sites ,district wise, Flood affected areas, Balochistan (Week 11 - 2008)**



**Table 1** Number of reported sites , Flood affected areas, Balochistan (Week 11 – 2008)

District	Reporting Sites	% age
Awaran	8	33.33
Bolan	20	43.48
Gawadar	12	25.53
Jaffarabad	1	1.02
Jhal Magsi	7	21.21
Keich	27	25.23
Lasbella	19	22.09
Naseerabad	9	25.00
Kharan	1	2.94
Quetta	4	3.39
Washuk	4	11.11

## Morbidity

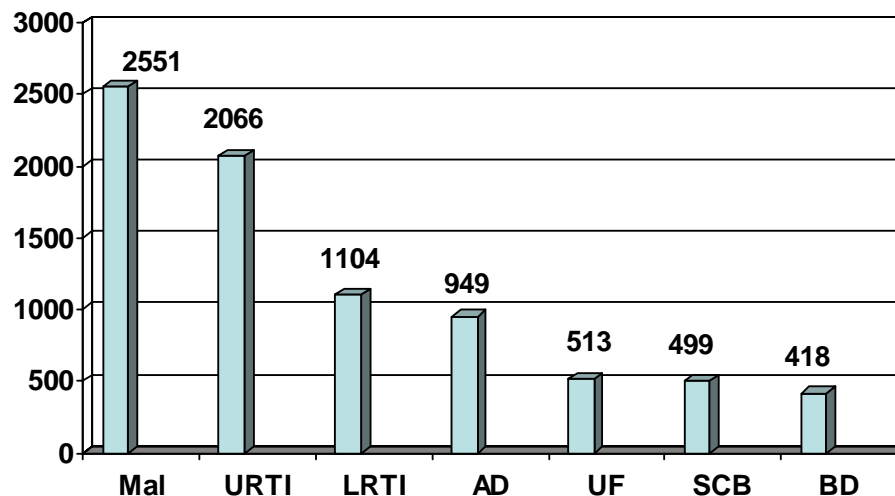
In epidemiological week 11-2008, **12952** consultations were reported through DEWS. Most common disease reported for consultations Malaria that weighted **19.70 % (2551)** of all consultations followed by Upper Respiratory Tract Infection **15.95 % (2066)**. LRTI (Lower Respiratory Tract Infection) made **8.52 % (1104)** of

consultations and was third highest cause of morbidity. Acute watery diarrhoea **7.33 % (949)** and Unexplained fever shared **513 (3.96%)** while the number of Scabies reported from these 11 Districts were **(3.85 %) 499** cases out of total consultations **(12952)**. **3.23% (418)** cases reported for Bloody diarrhoea.

See Fig 2 and Table 2 for detail picture of each disease. In fig 3 we can see the share / percentage of 5 common diseases.

**Fig 2**

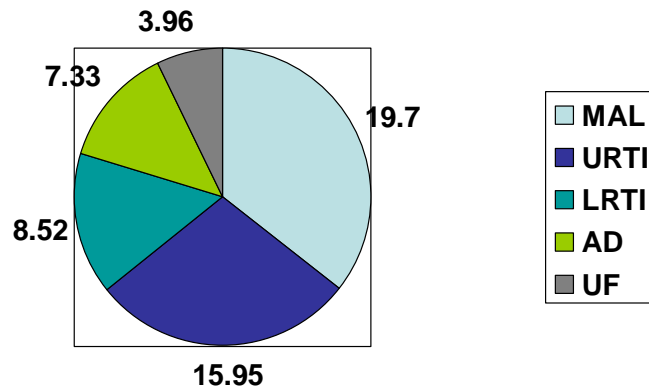
Weekly trends of Diseases in flood affected areas, Balochistan (Week 11- 2008)



**Table 2** Weekly trends of Diseases / total number of consultations of flood affected areas, Balochistan (Week 07 - 2008)

Diseases	Total	%age
Malaria	2551	19.70
URTI	2066	15.95
LRTI	1104	8.52
AD	949	7.33
UF	513	3.96
SCB	499	3.85
BD	418	3.23
Others	4818	37.20
AJS	10	0.08
HF	24	0.19

5 COMMON DISEASES WEEK- 11

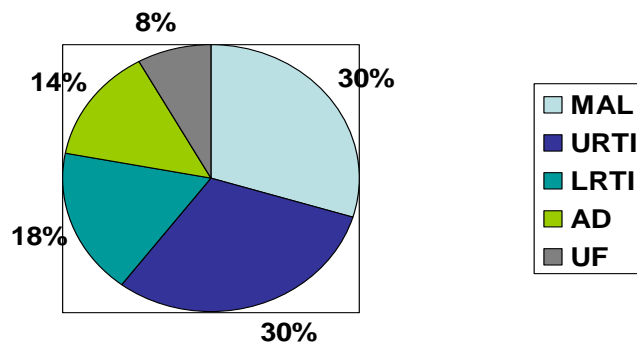


**Fig 3** -Proportion of five common diseases out of 12952 consultations of flood affected areas, Balochistan (Week 11 - 2008)

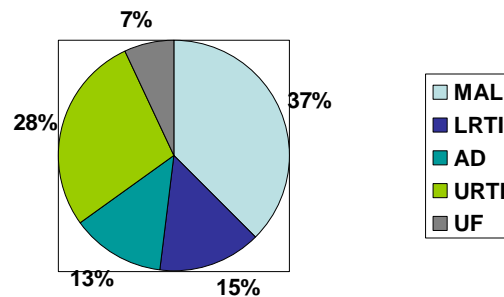
**Proportional Morbidity by age wise**

See Fig 4 and 5 for complete picture of Proportional Morbidity age wise, Flood affected district, Balochistan for Epidemiological Week 11 – 2008.

5 COMMON DISEASES < 5 YEARS WEEK- 11



## 5 COMMON DISEASES >5 YEARS AGE WEEK 11



**Acute Respiratory Tract Infection** is seen high during winter. Through out year ARI cases came from all reporting sites but especially the number of cases are high in the month of November, December and January because of cool weather. In week 11-2008, there were **3174** consultations for ARI reported through Weekly DEWS reporting system. There were **2066** cases of URTI (Upper Respiratory Tract Infection) and **1104** cases of LRTI (Lower Respiratory tract infection) reported from all 11 reporting districts respectively. See Fig 2 & Table 2.

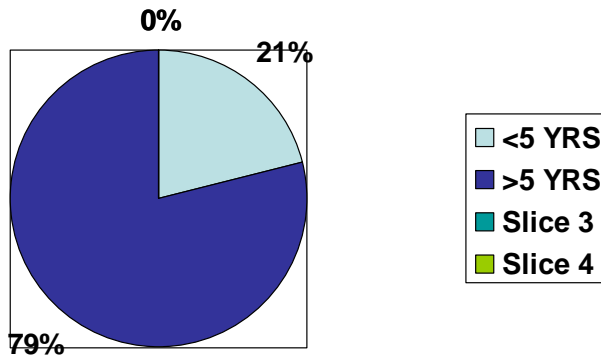
As seen in the Fig 2 and Table 2 the percentage of Upper Respiratory Tract Infection is top among all other diseases.

**Malaria**, in week 11-2008 there were 2551 cases of malaria reported. There were no associated deaths reported from any districts. Malaria is seen high during early summers and later in the autumn.

See Fig 2 & Table 2 :

As seen in the Fig 2 and Table 2 the percentage of Malaria is on top among all other diseases, the reason for increasing number of malaria cases is due to variations in season.

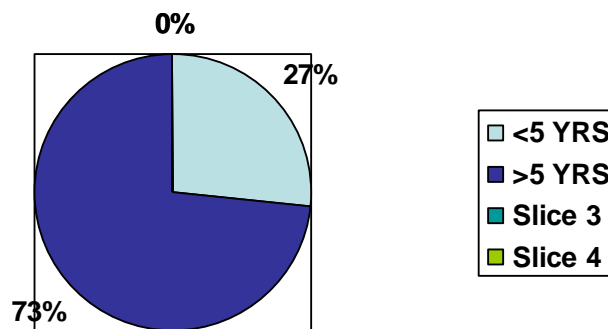
### Age wise consultation for malaria week -11



**Fig 7** total number of cases of Suspected Malaria of different age groups from all reported cases, flood affected district, Balochistan, Epidemiological Week 11 – 2008.

**Acute Watery Diarrhoea** cases still coming from all reporting sites but the number of the cases for AWD are increasing with changes in weather specially from the Districts with hot weather and there is no sign of out break or alert. AWD shared **949 (7.33%)** of total consultations. See fig 2 & Table 2. Age wise consultation of Acute Watery Diarrhoea is illustrated in Fig 8. **220** of Consultation is reported 1-4 years of age group.

### Age Wise Consultation for AWD WEEK -11



### **Other Diseases under Surveillance**

There were 513 (3.96%) cases of unexplained fever reported in week 11-2008 with no associated death. 499 (3.85%) cases of Scabies and 418 (3.23%) cases of Bloody diarrhoea while 10 (0.08%) cases of AJS and 24 (0.19%) cases of HF were also reported out of total consultations (12952) respectively.

## **Mortality**

No death was reported this week.

## **Alerts and Response**

No alert was received this week.

This weekly bulletin has been prepared by provincial DEWS surveillance team for any further questions, please contact:

### **Dr Sher Ahmad Satakzai**

Surveillance Officer (WHO)  
District Quetta, Kharan, Khuzdar and Washuk  
Balochistan, Quetta.  
[satakzais@pak.emro.who.int](mailto:satakzais@pak.emro.who.int)  
[sher\\_leo00@yahoo.com](mailto:sher_leo00@yahoo.com)  
0321-8003519

### **Dr. Munir Ahmed Marri**

Surveillance Officer (WHO)  
District Bolan, Naseerabad, Jaffarabad  
And Jhal Magsi  
Balochistan, Quetta  
[marrim@pak.emro.who.int](mailto:marrim@pak.emro.who.int)  
[munirahmadmarri@yahoo.com](mailto:munirahmadmarri@yahoo.com)  
03008582628

### **Dr Dawood Riaz**

Surveillance Officer (WHO)  
District Keich, Gawadar, Lasbella  
And Awaran  
Balochistan, Quetta

0300-5010637  
0333-7804297  
[riazd@pak.emro.who.int](mailto:riazd@pak.emro.who.int)  
[drdawoodriaz@gmail.com](mailto:drdawoodriaz@gmail.com)