

**Ministry of health  
Preventive medicine  
Weekly reporting sheet for infectious  
Sheet (A)**

**State: Kassala Week No (28) Year: 2007 Selected Centers: 67 Notified center: 60  
Percentage: (89.5 %) Totals No of patient (5025) Total No of death (6)**

Number	Disease	Morbidity		Total	Morbidity of last week	Mortality	Morbidity rate for 10000 of population
		<5	>5				
1	Acute watery diarrhea	0	0	0	0	0	0
2	Acute flaccid paralysis	0	0	0	0	0	0
3	Endemic typhus fever	0	0	0	0	0	0
4	Yellow fever	0	0	0	0	0	0
5	Hemorrhagic fever	0	0	0	0	0	0
6	Plague	0	0	0	0	0	0
7	Tetanus neonatorum	0	0	0		0	0
8	Malaria	473	694	1167	1021	1	0.7
9	Endemic meningitis	3	0	0	2	0	0.002
10	Measles	0	0	0	1	0	0
11	Diphtheria	0	0	0	0	0	0
12	Whooping cough	0	0	0	2	0	0
13	Pulmonary TB	0	4	4	5	0	0.002
14	Typhoid fever	0	4	4	2	0	0.001
15	Viral hepatitis	0	2	2	3	0	0.001
16	Rabies	0	0	0	0	0	0
17	Food poisoning	1	4	5	7	0	0.001
18	Dysentery	54	62	116	111	0	0.07
19	Relapsing fever	0	0	0	0	0	0
20	Adult tetanus	0	0	0	0	0	0
21	Bilharzias	22	29	51	65	0	0.02
22	Anthraces	0	0	0	0	0	0
23	Ferinded worm	0	0	0	0	0	0

Ministry of health-Kassala state  
Preventive medicine  
Epidemiology department  
Situation of infectious diseases this week

Communicable disease week NO 28

Date 15/7/2007

Sir.....

Object : Situation of infectious diseases during last week

This is feedback report for epidemiological report week number (28) according to data collected from sentinel centers

Copy to:

Minister of health

Director general ministry of health.

PHC director.

Health information director

Administrative medicine director

Preventive medicine director

Health services directors in localities.

Health inspectors in localities.

**Most distributed diseases during this week**

number	Disease	Morbidity	Mortality	Morbidity Rate
1	Malaria	1167	1	0.1%
2	Endemic meningitis	3	0	0%
3	Pulmonary TB	4	0	0%
4	Typhoid fever	4	0	0%
5	Viral hepatitis	2	0	0%
6	Food poisoning	5	0	0%
7	Dysentery	116	0	0%
8	Bilharzias	51	0	0%

**1/ situation Analysis :**

The percentage of notification this week (89.5%) compare with (92.5%) last week and (95%) at the same week last year.

This due to flood

**2/ Remarks in this week :**

**Malaria :**

Morbidity rate decreased this week to (0.7)/1000 of population, compare with (0.6) last week & (0.7) at the same week last year.

**Endemic meningitis**

Morbidity rate this week is (0.002)/1000 of population, compare with no cases last week & at the same week last year.

**Pulmonary T B :**

Morbidity rate this week decreased to (0.002)/1000 of population compare with (0.003) last week & (0.01) at the same week last year. Cases from Kassala, Lagash and Setite Localities.

**Typhoid fever:**

Morbidity rate increased this week to (0.002)/1000 of population compare with (0.001) last week and no cases at the same week last year. Cases from Setit

**Viral hepatitis:**

Morbidity rate decreased this week to (0.001)/1000 of population compare with (0.002) last week and (0.001) at the same week last year. Cases from Setit locality

**Food poisoning :**

Morbidity rate decreased this week to (0.003)/1000 of population compare with (0.004) last week and (0.005) at the same week last year.

Cases from Nhre Atbra and Kassala localities.

**Dysentery :**

Morbidity rate decreased this week (0.07)/1000 of populations compare with (0.06) last week and (0.08) at the same week last year. cases from Seteit Kassala and Nhre Atbra

**Bilharzias:**

Morbidity rate decreased this week to (0.02)/1000 of population compared with (0.04) last week & (0.02) at the same week last year. Cases from Nhre Atbra & Setit localities.

**Diseases in eradication program :**

1. The state not reported any case of **vaccine preventive diseases.**

2. The state not reported any case of **Hemorrhagic fever.**

**Ministry of health  
Epidemiology Department  
Weekly reporting sheet for infectious Diseases  
Sheet (A)**

**State: Gedarif    Week No (28)    Year: 2007 Selected centers: 23 Notified centers: 23  
percentage: (100 %) Total attendance 6683 Total deaths 22**

No	Disease	Morbidity		Total	Morbidity of last week	Mortality	Morbidity rate for 10000 of population
		<5	>5				
1	Acute watery diarrhea	9	66	75	22	0	0,4
2	Acute flaccid paralysis	0	0	0	0	0	0
3	Endemic typhoid fever	0	0	0	0	0	0
4	Yellow fever	0	0	0	0	0	0
5	Hemorrhagic fever	0	0	0	0	0	0
6	Plague						
7	Tetanus neonatorum	0	0	0	0	0	0
8	Malaria	144	570	714	652	0	4
9	Epidemic meningitis	0	0	0	1	0	0
10	Measles	0	0	0	0	0	0
11	Diphtheria	0	0	0	0	0	0
12	Whooping cough	0	0	0	0	0	0
13	Pulmonary TB	0	2	2	1	0	0.01
14	Typhoid fever	3	13	16	10	0	0.09
15	Viral hepatitis	0	2	2	2	0	0,01
16	Rabies	0	0	0	0	0	0
17	Food poisoning	0	0	0	0	0	0
18	Dysentery	38	130	168	138	0	0,9
19	Relapsing fever	0	0	0	0	0	0
20	Adult tetanus	0	0	0	0	0	0
21	Bilharzias	0	0	0	0	0	0
22	Anthrax	0	0	0	0	0	0
23	Ferended	0	0	0	0	0	0
24	Kalazar	1	19	20	10	0	0.1

## Analysis

### **Malaria**

Morbidity per 10,000 population this week increased by 0, 4 from previous week and increased by 2, 1 from same week 2006. The highest cases from ELGORESHA hospital/Eeast-Galabat locality (144) cases, and the lowest from Obse & Gynae /Gedarif locality and Doka hospital 2 cases.

**TB**

Morbidity this week increased by 0,004 from previous week, and increased by 0,01 from the same week in 2006. The case reported from Fao hospital. 2 cases

**Viral Hepatitis**

Morbidity per 10,000 population this week remained as the same as in previous week but increased by 0,004 from same period 2006. Cases reported from Fao & Gedaref emergency hospitals (1) case.

**Typhoid fever**

Morbidity this week increased by 0,03 from last week, but remained as the same as in same week 2006. The highest cases from Alsofi health centre (6 cases) and the lowest in SALMATELBAI H. centre & Alnahel hospital (1) case.

**Dysentery**

Morbidity this week increased by 0,1 from last week and by 0,3 from same period 2006. The highest cases from Almasser health centre/Gedaref locality (35), and lowest cases from Mohammed El Khabeer health centre and Gedaref emergency hospital (1) case.

**Kalazar**

Morbidity this week increased by 0,04 from last week 2007 and by 0,01 from same week 2006. Highest cases from Gedaref hospital 11 cases, the lowest from Mogran hospital 1 case

**Malaria situation**

**Week No.26 period 23/ 6/ 2007 to 29/6/ 2007**

Locality	Cases 2007 week 28	Cases 2007 week 27	Lab Confirmed 2007 week 28	Lab Confirmed 2007 week 27	Total cases referred to lab 2007 week 28	Total cases referred to lab 2007 week 27	% week 28	% week 27
<b>Gedaref</b>	35	NR	32	NR	889	NR	3,9	NR
<b>Fashaga</b>	89	77	55	33	97	80	92	96,3
<b>Fao</b>	76	70	76	70	178	186	43	37,6
<b>Galabat</b>	4	2	4	2	123	240	3,3	0,8
<b>Rahed</b>	10	13	1	0	58	60	17	22

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ  
**Gedaref State**  
**Ministry of Health**  
**WHO Office**  
**First Half Year Report 2007**

### 1. Malaria

ITEM	2006			2007		
	<5	>5	Total	<5	>5	Total
No of cases	1705	5373	7078	1486	5755	7241
No of Admitted PT	665	1001	1666	522	1095	1617
% of admitted Pt out of total cases	39%	18,6%	23%	35%	19%	22,3%
No of Deaths	19	33	52	13	18	31
Case fatality rate	2,8%	3%	3,1%	2,4%	1,6%	1,9%

#### No. of cases, admitted and deaths per quarter

ITEM	2006			2007		
	Q 1	Q 2	TOTAL	Q 1	Q 2	TOTAL
No of cases	3401	3677	7078	4500	2741	7241
Admission	900	766	1666	955	662	1617
Deaths	8	44	52	14	17	31

### 2. Kalazar

2006					2007				
New cases	Relapse	PKDL	TOTAL	DEATHS	New cases	Relapse	PKDL	TOTAL	DEATHS
1266	62	52	1380	54	1190	54	29	1273	47

#### No of Kalazar cases per quarter

ITEM	2006			2007		
	Q 1	Q 2	TOTAL	Q 1	Q 2	TOTAL
New cases	725	541	1266	794	396	1190
Relapse	26	39	62	29	25	54
PKDL	40	12	52	15	14	29
Total	791	592	1380	838	435	1273
Deaths	42	12	54	31	16	47

### 3. SCHISTOSOMASIS

ITEM	2006		2007		TOTAL	
	Q1	Q2	Q1	Q2	2006	2007
Total No. of cases referred to lab	152	216	280	553	368	833
Lab. confirmed cases	32	48	131	460	80	591
%	21%	22%	47%	83%	22%	71%

#### 4. TB

ITEM	2006		2007		TOTAL	
	Q1	Q2	Q1	Q2	2006	2007
Positive cases	110	95	72	139	205	211
Relapse	4	3	6	12	7	18
Extra pulmonary	35	22	37	37	57	74
Negative cases	65	34	156	69	99	225
Deaths	3	4	2	6	7	8

#### 5. CSM

ITEM	2006	2007
No. of cases	228	92
No. of deaths	16	5

#### Specimen investigated

No of specimen	positive	Negative	Contaminated
13	1	3	9

#### Vaccination against CSM 1-6/2007

Sector	Vaccination according to age group			Total
	2-4 years	5-14	15-30	
Elmafaza	2689	13126	9465	225280
Hawata	-	1000	4000	5000
Ezat el Sudan No 11	-	-	600	600
Military camp /Fashaga	-	-	600	600
Total	2689	14126	14665	31480

#### 6. AWD

ITEM	2006	2007
Cases	0	386
Deaths	0	30

#### Specimen investigated

No of specimen	positive	Negative	Contaminated
43	16	10	17

**Ministry of Health  
Preventive medicine**

**Weekly reporting sheet for infectious**

Sheet 07/07- 13/7/2007

Red Sea State Week No( 28 ) Year : 2007 selected center 60 Notified center 56  
Percentage ( 93% )

NO	Disease	Morbidity		Total	Morbidity of last week	Mortality	Morbidity Ratefor 10000 of population
		>5	<5				
1	Acute watery diarrhea	0	0	0	0	0	0
2	Acute flaccid paralysis	0	0	0	0	0	0
3	Endemic Tphoid fever	0	0	0	0	0	0%
4	Yellow fever	0	0	0	0	0	0
5	Hemorrhagic fever	0	0	0	0	0	0
6	Plague	0	0	0	0	0	0
7	Tetanus neonatonum	0	0	0	0	0	0
8	Malaria	90	222	312	407	-	5 %
9	Endemic meningitis	0	0	0	0	0	0
10	Measles	0	0	0	0	0	0
11	Diphtheria	0	0	0	0	0	0
12	Whooping Cough	1	0	1	0	0	0.0%
13	Pulmonary TB	0	0	0	1	0	0,0%
14	Typhoid fever	0	3	3	2	0	0,0%
15	Viral hepatitis	1	0	1	7	0	0,0%
16	Rabies	0	0	0	0	0	0
17	Food poisoning	8	11	19	14	0	0,0%
18	Dysentery	58	82	140	95	0	2 %
19	Return fever	0	0	0	0	0	0
20	Adult tetanus	0	0	0	0	0	0
21	Bilharzias	0	0	0	0	0	0
22	Anthrax	0	0	0	0	0	0
23	Ferended	0	0	0	0	0	0



**Ministry of health – Red sea state**

**Preventive Medicine**

**Epidemiology department**

**Situation of Infection diseases this week**

**Date 07/07- 13/7/2007**

Subject: state of infectious diseases during week  
This is report of nutrition for epidemiological week number  
(28) according to that came from selected one.  
Copy to:

**Most distributed diseases during this week**

N.	Disease	Morbidity	Mortality	Morbidity rate
1	Malaria	312	-	8%
2	Pulmonary TB	0	-	0%
3	Typhoid	3	-	0%
4	Viral hepatitis	1	-	0%
5	Food Poisoning	19	-	0%
6	Whooping cough	1	-	0%
7	Dysentery	140	-	2%

**1/Analysis of the situation:**

The percentage of notification this week (93 %) compare with (95%) last week & (95%) at the same week last year .

**2/Remarks this week:**

**Malaria:**

Morbidity rate this week is (5.0)/10000 of population compare with (4.0)/10000 last week & (4.0)/10000 at the same week last year.

**Pulmonary TB.**

Morbidity rate this week (0.0)/10000 of population compare with same rate last week &(0.0) at the same week last year .

**Food Poisoning:**

Morbidity rate this week (0.0)/10000 of population compare with same rate last week & (0.0) of population same week last year.

**Typhoid fever:**

Morbidity rate this week (0.0)/10000 of population compare with same rate last week & (0.0) at the same week last year.

**Viral hepatitis:**

Morbidity rate this week (0.0)/10000 of population compare with same rate last week & (0.0) at the same week last year

**Dysentery:**

Morbidity rate this week (2.0)/10000 of population compare with (1.0)/10000 last week & (2.0)/10000 at the same week last year.

**Whooping cough:**

Morbidity rate this week (0.0)/10000 of population compare with same rate last week & (0.0) at the same week last year.

**Diseases of eradication program:**

1. The state not reported any case of hemorrhagic fever.

**Ministry of Health  
Preventive medicine**

**Malaria Weekly reporting sheet for infectious**

**Sheet (30/6/- 6/7/2007)**

**Red Sea State Week No (27) Year: 2007 selected center 60**

<b>Week (27)</b>				<b>Week (28)</b>			
<b>Cases</b>	<b>Lab Confirmed</b>	<b>T. Cases Ref to Lab.</b>	<b>%</b>	<b>Cases</b>	<b>Lab Confirmed</b>	<b>T. Cases Ref to Lab.</b>	<b>%</b>
<b>407</b>	<b>380</b>	<b>16</b>	<b>4%</b>	<b>312</b>	<b>10</b>	<b>358</b>	<b>3%</b>