# **Country Fact Sheet**

2009

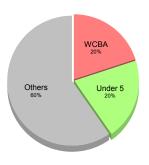
Origin of refugees:

Somalia Sudan Eritrea

# Implementing partners:

Health/HIV: ARRA, IRC, ZOA, MCDO

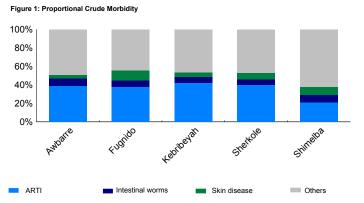
Nutrition: ARRA, ZOA Watsan: ARRA, IRC, LWF Population: 61,364





#### Public Health Status

#### Indicator **Health Impact** Crude Mortality Rate (CMR) (/1000/month) 0.12 < 1.5 < 3.0 Under-five Mortality Rate (U5MR) (/1000/month) 0.26 Infant Mortality Rate (IMR) (/1000 livebirths) 8.8 < 60 Neonatal Mortality Rate (NNMR) (/1000 livebirths) 5.4 < 40 Nº **Human Resources** No. of Medical Doctors 1:10,227 1: <50.000 1:<10.000 No. of Clinical Consultants 0 1:0 1:1,615 1:<10.000 No. of Nurses (qualified) No. of MCH staff / Midwifes 1:3,610 1:<10.000 No. of Community Health Workers (CHW) 1:370 1:500-1.000 166 60 1:1,023 1:<500



#### **Country Overview**

#### A. Objectives

1a. Ensure timely responses in emergencies arising from new influx of refugees.

2a. Ensure that the refugees have access to early diagnosis, prompt and effective treatment, effective prevention methods to common illness in accordance with international standards and norms

3a. Reduce morbidities and mortalities due to common diseases like malaria, malnutrition, diarrhea, HIV and ARI.

4a. Improve coordination with other UN agencies, Implementing partners and the government and enhance multi-sectoral approach in service delivery.

5a. Improve monitoring and evaluation of health care services provided to the refugee

#### **B. Progress**

To what extent was each objective achieved? (use

1b. UNHCR established a taskforce composed of the other UN agencies, the government and IPs to respond to the new influx of refugees. Timely Responses have resulted in controlling excess morbidity and mortality above the threshold of 1.0 per 10,000/day. However, expedition of transfer to the camp proper

2b. UNHCR provided adequate supplies of drugs, medical supplies and equipments in order to ensure that refugees receive early diagnosis & treatment for common illnesses. ACT has been introduced, > 60% of cases of malaria are laboratory confirmed, IMCI drugs are made available and stock out of drugs are

3b. Prevention efforts in order to reduce common illnesses like malaria, malnutrition, diarrhea, HIV and ARI have been in place. However there has been increase in malaria & diarrhea in some of the camps. Though not significant, GAM has increases slightly However, prevalence of anemia in the non-pregnant women has

4b. UNHCR participated in the task force & core group meetings for nutrition, health & HIV by other UN agencies. As a result of improved coordination, UNHCR was able to secure material for emergency responses, RH and immunization. Monthly interagency coordination meeting by UNHCR is running well.

5b. Improved monitoring and evaluation has been achieved through joint missions and establishing program review mechanism. UNHCR also assigned focal points in the camps to monitor health, nutrition, HIV, food security and related activities.

#### C. Gaps & Planning

What conditions / activities are needed next year in order

1c. Increasing the capacity for camp development, improving the implementation of certain sectors by selecting a capable IP should be considered for timely transfer of the refugees to the camp where they receive adequate service.

2c. UNHCR will sustain activities in 2009. Unexpected demands as a result of increase in the influx as well as unusual increase in incidences of some of the diseases like malaria should be addressed by pre-positioning a

3c. UNHCR will closely work with local authorities in controlling malaria as low prevention & control effort on the local community will have an impact on the refugee. Issues like high incidence rate of diarrhea in some camps should be addressed through intensive WASH activities in addition to providing adequate

4c. Because of low interest and presence inadequate presence around the refugee camps, joint mission is mainly undertaken with WFP and to some extent UNICEF. In 2010 UNHCR, will advocate for more joint missions by other UN agencies like WHO, UNFPA and UNAIDS.

5c. Receiving good quality and timely HIS has affected our monitoring effort. This has resulted because of unjustifiable reason by some camps to provide HIS directly to UNHCR. UNHCR discussed with ARRA at higher management level, and ARRA has taken action to improve the quality and timeliness of

### Key observations

What were the key activities carried out during the year? To what extent did the activities achieve expected results?

#### Limitations/constraints

your direct control affected implementation of Public Health Programmes planned activities?

## Public Health Programmes

iic ricaitir rogrammes				
Coordination		Indicator	Standard	
Do monthly coordination meetings take place?		Yes	Yes	
Access and Utilisation	Nº			
No. of health facilities	7	1:8,766	1:<10,000	
No. of consultations per trained clinician per day		28	< 50	
Health Utilization Rate (new visits/person/year)		2.0	1 - 4	
Proportion of consultations by host population		18%		
Malaria				
Is Act introduced as 1st line malaria treatment?		Yes	Yes	

The response in providing coordinated response to the influx of Somali refugees in public health at both site have been successfully achieved without major incidence. Moreover, the introduction of MSF and Save-USA as implementing partners is an indication that the government is openness in involving other agencies in assistance in public health during emergency. Health service utilization by the refuge has improved in 2009 compared to 2008. Malaria has

Despite a good coordination in response to the influx of Somali refugees, timely movement of the refugees to the camp proper, where comprehensive public health services were provided was not possible due to low implementation in some sectors like water and sanitation. This year there has been an unusual increase of the incidence of malaria, particularly in Shimelba despite prevention efforts. One factor identified was absence of similar efforts to control malaria in the local.

#### Key observations

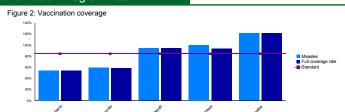
#### Limitations/constraints

### Public Health Programmes

MMUNISATION

NUTRITION AND FOOD SECURITY

REPRO HEALTH



According to nutrition Survey undertaken between May - July 2009. The overall measles immunization coverage among the under five children was found to be 92.4%. Immunization coverage was maintained above 90% in all camps except in Sheder where it was only 80.8%.

It was not possible to fully establish routine immunization service in the newly established Bokolmayo refugee camp because of absence of adequate supplies of vaccine from the local health authorities. However, mass immunization, vit- A supplementation and deworming has been undertaken for children 6 month - 15 years on arrival from Somali. UNHCR, in collaboration with ARRA & UNICEF, is trying to establish routine immunization program by providing cold chain

The new influx of Somali refugees have

resulted in increased demand for resources. It

was resolved by shifting resources from other projects & additional supplies received from

UNICEF. Prolonged stay, inadequate general

ration, and substandard & wet feeding in the

Surveys & Assessments	Indicator Standard
Date of last nutrition survey	Jul 2009
Date of last last JAM	Apr 2008
Malnutrition	

10.0%	< 5%	×
0.8%	< 2%	
39%	< 20%	1
20%	< 20%	1
2450	2100	

The prevalence of Global acute malnutrition (GAM) remained below the target of 10% in Mainaini (2.9%), Sheder (7.6%) and Sherkole (7.9%). Compared to that of 2008, there has been slight increase in GAM in 2009 in Awbarie (9.0% Vs 10.2 %), Kebribevah (9.1% Vs11.4%) and Shimelba (8.5% Vs11.9%). However, the increase in GAM is statistically significant in Shimelba only. On the other hand the prevalence of anaemia in the nonpregnant women of reproductive age group

transit site at Dollo has resulted in disproportionately high proportion of severely malnourished children. In Nov.09, we undertook assessment & came up with appropriate recommendation to improve the UNHCR initiated multi-story gardening (MSG) & poultry production (PD) project in Awbari, Kebibeyah and Shimelba in 2009. However,

Food Security	
D UNITED II	

Global Acute Malnutrition Rate (%)

Severe Acute Malnutrition Rate (%)

Prevalence of anaemia in children under five

Prevalence of anaemia in women of reproductive age Average number of kilocalories per person per day

Does UNHCR provide complementary food? Yes Did the content of the GFR change during the year? No No Did WFP report any pipeline breaks during the year? No Have PoC been included in the National FS Plan? No Yes Prop. of ration sold by refugees to buy other food items 50%% < 30%

Multi-story gardening and poultry production has been piloted in Aubarre, Kebribeyah and Shimelba. The project had a high rate of acceptance by the refugee. Refugees have harvested from the garden for both their house hold consumptions and even sold. However, the low implementation capacity of the implementing partner has hindered maximum vield from the as well as sustainability of the project.

poor management by the IP & high staff turnover resulted in inadequate support in running the project, particularly in Awbarre & Kebribeyah. Moreover, the situation is further aggravated by interruption of water supply in Kebribevah. Because of a better support in Shimelba, MSG has been still running by the targeted population without IP involvement. Availability of midwives has been a challenge.

Maternal and Newborn Health	Indicator	Standard
Coverage of complete antenatal care (4 or more visits)	93%	100%
Proportion of deliveries attended by skilled personnel	98%	≥ 50%

Coverage of complete antenatal care (4 or more visits)	93%	100%	4
Proportion of deliveries attended by skilled personnel	98%	≥ 50%	
Proportion of deliveries performed by caesarean section	1%	5 - 15%	8
Proportion of low birth weight deliveries	3%	< 15%	

Achievements made in reproductive health the last three years have been sustained. Lesson learned indicates that family planning coverage can be increased among the traditional Somali families if the service is made accessible to population in need and if the service is provided in a user friendly manner. Institutional delivery has been an accepted norm by the refugee.

For example, Activities in Awbarre and Fugnido health center have to be covered by only 1 or 2 midwives for some times till replacement is being effected. This has impacted both the quality and coverage of the reproductive health services.

# Family planning

Contraceptive prevalence rate

≥ 30%

The need for more coordinated efforts in SGBV service has been realized by ARRA and IRC . The service is also better coordinated with health, HIV, protection and community service units of UNHCR. UNHCR undertook training to the local authorities in order to increase their capacity in preventing and responding to SGBV. Training &awareness activities were also undertaken for the PoCs. Supplies for clinical management of rape have been made

Late reporting has been mentioned as one of the challenge during the program review meeting. As a result of late reports, it was not possible to provide appropriate medical care for some rape survivors.

Sexual and Gender-based Violence	Indicator	Standard
Incidence of reported rape (/10,000/year)	0.73	
Prop. rape survivors who received PEP < 72h	100%	100%
Prop. rape survivors who received ECP < 120h	300%	100%
Prop. rape survivors who received STI < 2 wks	75%	100%

**2 3** 

Monitoring & Evaluation Indicator Standard Yes Yes Are PoCs included in national HIV strategic plans? Are PoCs included in national HIV sent surveillance? Yes Yes Date of last last KAPB/BSS

Implementation of a comprehensive HIV programme have been sustained and made to include the newly established camps in Sheder, Mai aini and Aubarie, Programmes targeting most at risk people have been initiated with the help from the regional hub. COP for further funding of implementation of HIV program for 2010/11 has been submitted and accepted. New collaboration with JPIGO has been established to pilot a male circumcision program in Fugnido.

Improvements have been made in implementation of HIV program. However, getting appropriate human resource with sufficient knowledge and skill is still a problem because of low remuneration

# Prevention

Condom distribution rate Do appropriate IEC materials exist for PoCs? Are risk groups targeted with prevention programmes? Proportion of blood units screened for HIV PMTCT coverage Care and Treatment

> 0.5 0.60 Yes Yes 0 0 Yes Yes 100% 95% 100%

Yes

100%

100%

Standard

> 20

< 80

≤ 20

Yes

296

11%

16%

Indicator

22

100

21

Water, Sanitation and Hygiene

Do PoCs have equal access to ART as host?

Prop. HIV positive mothers receiving co-trimox

Prop. HIV positive infants receiving co-trimox

Number of PoCs receving ART

Av quantity of potable water / person / day (litres) No. of persons per usable water tap No. of persons per drop-hole in communal latrine Prop. of population living within 200m from water point Prop. of families with latrines Prop. families receiving >250g soap / person / month Prop. camps with 1 hygiene promoter / 500 persons

1

**②** 

**2** 

**3** 

There has been a significant achievement in the WASH activities in Sheder refugee camp. The camp has been the first among all refuge camps in achieving latrine coverage of 1: 1. A new borehole has been dug in Aubarre refugee camp. The electrification of the Jerrer Vally water project which is supplying water to Kebribeyah refugee camp has been completed.

Significant efforts have been made to improve the water supply in Awbarre and Sheder by digging additional boreholes. However, Water problem still continues to exist in Keberibeyah refugee camp mainly related to poor management. Water in the newly established Bokolmayo refugee camp is still provided through water trucking because of a failed borehole. UNHCR is planning to develop a water system through treatment of the nearby river in 2010 for the newly arriving Somalis.

97% 100% 58% 100% 100% > 90% % ≥ 75%

**Camp Fact Sheet** 

2009

10,436 Camp opened: 2007 Population:

Camp closed:

HIS start date: Jan 2008

The source of population data in this report

Origin of refugees:

Somalia

Implementing partners:

Indicator

Health/HIV: IRC, MCDO Nutrition: ARRA, ZOA

> LWF, ARRA Watsan:

> > Standard

< 1.5

< 3.0 < 60 < 40

0000



#### Public Health Status

0.09
0.22
9.4
0.0

Figure 1: Crude and Under-five Mortality

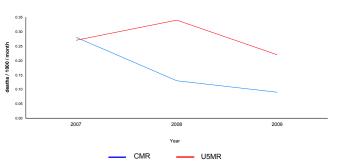


Figure 2: Crude Morbidity

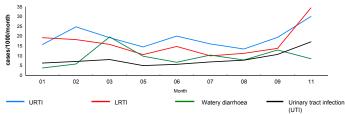
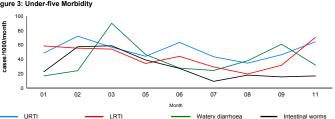


Figure 3: Under-five Morbidity



Public Health Progra	ımmes
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Human Resources	Nº	Indicator	Standard	
No. of Medical Doctors	1	1:10,436	1:<50,000	
No. of Clinical Consultants	0	1:0	1:<10,000	
No. of Nurses (qualified)	6	1:1,739	1:<10,000	
No. of MCH staff / Midwifes	3	1:3,479	1:<10,000	
No. of Community Health Workers (CHW)	26	1:401	1:500-1,000	
No. of Hygiene Promoters	10	1:1,044	1:<500	×
Access and Utilisation				
No. of health facilities	1	1:10,436	1:<10,000	1
No. of consultations per trained clinician per day		23	< 50	
Health Utilization Rate (new visits/person/year)		1.0	1 - 4	

,5		, .			
Access and Utilisation					
No. of health facilities	1	1:10,436	1:<10,000	1	
No. of consultations per trained clinician per day		23	< 50		
Health Utilization Rate (new visits/person/year)		1.0	1 - 4		
Proportion of consultations by host population		1.97%			
Malaria					
Is Act introduced as 1st line malaria treatment?		Yes	Yes		

#### **Maternal and Newborn Health** Co

Family planning			
Proportion of low birth weight deliveries	10%	< 15%	
Proportion of deliveries performed by caesarean section	0%	5 - 15%	8
Proportion of deliveries attended by skilled personnel	83%	≥ 50%	
Coverage of complete antenatal care (4 or more visits)	96%	100%	4

Indicator

0.10

Standard

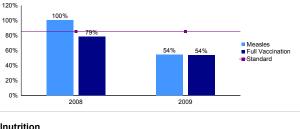
100%

> 0.5

#### Fa Contraceptive prevalence rate

REPRO HEALTH

Sexual and Gender-based Violence			
Incidence of reported rape (/10,000/year)	0.00		
Prop. rape survivors who received PEP < 72h		100%	
Prop. rape survivors who received ECP < 120h		100%	



#### Prevention Condom distribution rate

Do appropriate IEC materials exist for PoCs?	Yes	Yes	<b>2</b>
Are risk groups targeted with prevention programmes?	Yes	Yes	
Proportion of donated blood units screened for HIV		100%	
PMTCT coverage	84%	100%	×
Care and Treatment			
Do PoCs have equal access to ART as host?	Yes	Yes	<b>②</b>
	Yes 2	Yes	•

# Malnutrition

Global Acute Malnutrition Rate (%)	10.2%	< 5%	8
Severe Acute Malnutrition Rate (%)	1.2%	< 2%	
Prevalence of anaemia in children under five	32%	< 20%	1
Prevalence of anaemia in women of reproductive age	15%	< 20%	
Average number of kilocalories per person per day	2450	2100	

# Prop. HIV positive infants receiving co-trimox Water, Sanitation and Hygiene

Prop. rape survivors who received STI < 2 wks

Av quantity of potable water / person / day (litres)
No. of persons per usable water tap
No. of persons per drop-hole in communal latrine
Prop. of population living within 200m from water point
Prop. of families with latrines
Prop. families receiving >250g soap / person / month

Samuation and Hygione
y of potable water / person / day (litres)
sons ner usable water tan

No. of persons per drop-hole in communal latrine
Prop. of population living within 200m from water point
Prop. of families with latrines
Prop. families receiving >250g soap / person / month

17 > 20 76 < 80 26 ≤ 20 85% 100% 40% 100% ≥ 90%

Observations

In 2009, the health center has moved from temporary to a permanent infrastructure. Health service utilization in the camp has increased to 1.1 per person per year (0.8 in 2008). A comprehensive reproductive health service and HIV program has been established. Availability of human resources like the medical doctor and midwives has improved compared to that of 2008.



HIS v 1.6.12.1

standard reached







**Camp Fact Sheet** 

2009

Population: 21,314 Camp opened: 1993

The source of population data in this report Camp closed:

HIS start date: Oct 2006

Origin of refugees: Implementing partners:

Health/HIV: ARRA, ZOA

Nutrition: ARRA

ARRA Watsan:



#### Public Health Status

Sudan

mulcator	Staridard
0.10	< 1.5
0.17	< 3.0
3.5	< 60
1.7	< 40
	0.10 0.17 3.5

Figure 1: Crude and Under-five Mortality

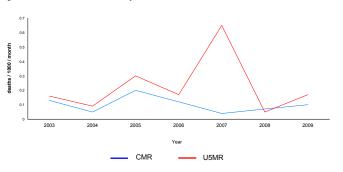


Figure 2: Crude Morbidity

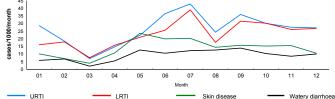
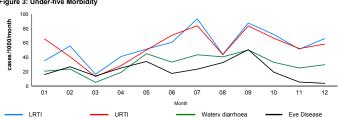


Figure 3: Under-five Morbidity



Р	ublic	пеаш	Progr	ammes

**Human Resources** 

No. of Medical Doctors	1	1:21,314	1:<50,000	
No. of Clinical Consultants	0	1:0	1:<10,000	
No. of Nurses (qualified)	12	1:1,776	1:<10,000	
No. of MCH staff / Midwifes	4	1:5,328	1:<10,000	
No. of Community Health Workers (CHW)	50	1:426	1:500-1,000	
No. of Hygiene Promoters	10	1:2,131	1:<500	×
Access and Utilisation				
No. of health facilities	2	1:10,657	1:<10,000	1
No. of consultations per trained clinician per day		26	< 50	
Health Utilization Rate (new visits/nerson/year)		1.0	1 - 4	

Proportion of consultations by host population
Malaria
Is Act introduced as 1st line malaria treatment?

Figure 4: Vaccination coverage

0	1:0	1:<10,000		
12	1:1,776	1:<10,000		
4	1:5,328	1:<10,000		
50	1:426	1:500-1,000		
10	1:2,131	1:<500	8	
2	1:10,657	1:<10,000	1	
	26	< 50		
	1.0	1 - 4		

Standard

Indicator

Yes Yes

Maternal and Newborn Health			
Coverage of complete antenatal care (4 or more visits)	95%	100%	1
Proportion of deliveries attended by skilled personnel	99%	≥ 50%	
Proportion of deliveries performed by caesarean section	0%	5 - 15%	×
Proportion of low birth weight deliveries	2%	< 15%	
Family planning			
Contraceptive prevalence rate	0%	≥ 30%	×
Sexual and Gender-based Violence			

Do appropriate IEC materials exist for PoCs?

Are risk groups targeted with prevention programmes?

ution of donated blood units screened for HIV

Sexual and Gender-based Violence		
Incidence of reported rape (/10,000/year)	0.00	
Prop. rape survivors who received PEP < 72h	100%	
Prop. rape survivors who received ECP < 120h	100%	
Prop. rape survivors who received STI < 2 wks	100%	
Prevention		

100%									
80%			000/		73%	70%			
60%		52%	62%				60%	59%	■ Measles ■ Full Vaccination
40%	33%			32%					Standard
20%									
0%	20	06	20	07	20	08	20	09	<u>L</u>

Do PoCs ha	ave equal a
Number of I	PoCs recev
Prop. HIV p	ositive mot
Prop. HIV p	ositive infa
Water, S	anitatio

С

Condom distribution rate

MTCT coverage	97%	100%	1	
Care and Treatment				
o PoCs have equal access to ART as host?	Yes	Yes		
lumber of PoCs receving ART	254		_	
rop. HIV positive mothers receiving co-trimox	11%	100%	×	
Prop. HIV positive infants receiving co-trimox	16%	100%	8	

	2006	2007	2008	2009		
Malnutritio	n					
Global Acute M	alnutrition Rate (%	%)		11.4%	< 5%	×
Severe Acute N	/lalnutrition Rate (	%)		0.7%	< 2%	
Prevalence of a	naemia in childre	n under five		42%	< 20%	×
Prevalence of a	naemia in womer	of reproductive	age	28%	< 20%	1
Average number	er of kilocalories p	er person per day	<b>y</b>	2450	2100	

# n and Hygiene

Av quantity of potable water / person / day	(1111 63)
No. of persons per usable water tap	
No. of persons per drop-hole in communal	latrine
Prop. of population living within 200m from	water point
Prop. of families with latrines	
Prop. families receiving >250g soap / perso	n / month

18	> 20	
102	< 80	8
23	≤ 20	1
100%	100%	
50%	100%	8
100%	≥ 90%	

Yes

Yes

100%

0.32

Yes

Yes

### Observations

Incidence rate of malaria per 1000/month was increased from 1.8 in 2008 to 5.1 in 2009. No clear factors have been identified. However, mosquito net retention after 1 year of distribution varied between 55 – 75 % in different areas of the camp. Distribution targeting the general population was undertaken in August 2009. The proportional morbidity due to malaria has increased from 2.0 in 2008 to 4.0% in 2009 ma king malaria the seventh leading cause of morbidity. Malaria accounted for 7% (2) confirmed deaths, the sixth leading cause of death. The proportion of confirmed cases of malaria has increased from in 21.5% in 2008 to 61.3 in 2009.













**Camp Fact Sheet** 

2009

Camp opened: 1991

HIS start date: Oct 2006

16.496 Population:

Camp closed:

The source of population data in this report

Origin of refugees:

Implementing partners:

Indicator

0.09

Yes

Somalia Health/HIV: ARRA, MCDO, IRC

> Nutrition: ARRA, ZOA

> > Standard

< 1.5

Watsan: ARRA, Jijiga Water Supply, W

0000



### Public Health Status

**Health Impact** Crude Mortality Rate (CMR) (/1000/month) Under-five Mortality Rate (U5MR) (/1000/month) Infant Mortality Rate (IMR) (/1000 livebirths)



# Figure 2: Crude Morbidity

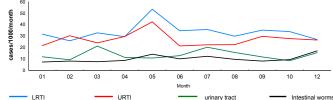


Figure 1: Crude and Under-five Mortality

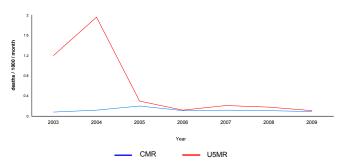
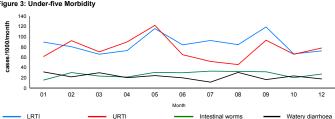


Figure 3: Under-five Morbidity



# **Public Health Programmes**

Human Resources	Nº	Indicator	Standard	
No. of Medical Doctors	1	1:16,496	1:<50,000	
No. of Clinical Consultants	0	1:0	1:<10,000	
No. of Nurses (qualified)	7	1:2,357	1:<10,000	
No. of MCH staff / Midwifes	3	1:5,499	1:<10,000	
No. of Community Health Workers (CHW)	30	1:550	1:500-1,000	
No. of Hygiene Promoters	6	1:2,749	1:<500	×
Access and Utilisation				
No. of health facilities	1	1:16,496	1:<10,000	×

#### Proportion of deliveries attended by skilled personnel Proportion of deliveries performed by caesarean section Proportion of low birth weight deliveries

**Maternal and Newborn Health** Coverage of complete antenatal care (4 or more visits)

Prop. rape survivors who received STI < 2 wks

#### 83% 100% 102% ≥ 50% 2% 5 - 15% 3% < 15%

0.32

Standard

100%

> 0.5

Indicator

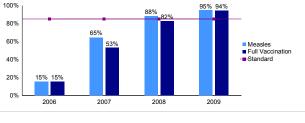
Access and Othisation				
No. of health facilities	1	1:16,496	1:<10,000	2
No. of consultations per trained clinician per day		31	< 50	<b>2</b>
Health Utilization Rate (new visits/person/year)		2.0	1 - 4	•
Proportion of consultations by host population		7.81%		

#### Family planning Contraceptive prevalence rate

Sexual and Gender-based Violence			
Incidence of reported rape (/10,000/year)	0.00		
Prop. rape survivors who received PEP < 72h	10	00%	<b>(i)</b>
Prop. rape survivors who received ECP < 120h	10	00%	

### Figure 4: Vaccination coverage

Is Act introduced as 1st line malaria treatment?



#### Prevention Condom distribution rate

Do appropriate IEC materials exist for PoCs?	Yes	Yes	<b>②</b>
Are risk groups targeted with prevention programmes?	Yes	Yes	
Proportion of donated blood units screened for HIV		100%	
PMTCT coverage	98%	100%	1
Care and Treatment			
Do PoCs have equal access to ART as host?	Yes	Yes	
Number of PoCs receving ART			
Prop. HIV positive mothers receiving co-trimox		100%	

Malaria

Malnutrition			
Global Acute Malnutrition Rate (%)	11.4%	< 5%	8
Severe Acute Malnutrition Rate (%)	0.9%	< 2%	
Prevalence of anaemia in children under five	38%	< 20%	1
Prevalence of anaemia in women of reproductive age	32%	< 20%	1
Average number of kilocalories per person per day	2450	2100	

# Prop. HIV positive infants receiving co-trimox Water, Sanitation and Hygiene

water, Samtation and Hygiene		
Av quantity of potable water / person / day (litres)	11	> 20
No. of persons per usable water tap	122	< 80
No. of persons per drop-hole in communal latrine	17	≤ 20
Prop. of population living within 200m from water point	100%	100%
Prop. of families with latrines	85%	100%
Prop. families receiving >250g soap / person / month	100%	≥ 90%

#### Observations

NUTRITION

A massive electrification project is nearly completed. However, water still continued to be a problem in the camp. Jerry valley is managed by the clan based local authorities, and the management has continued to be problematic resulting in occasional interruptions of water supply. Contrary to this, incidence rate of diarrhea remained to be low, 5.2 per 1000/ month. The incidence rate of diarrhea was 6.7 per 1000/month in 2008. Incidence rate of malaria was 1.4 per 1000/month, and slightly increase compared to 2008 (1.0 per 1000/month. In 2009, 67.4% of the cases have been confirmed by laboratory. Laboratory confirmation was only 8.1% in 2008













**Camp Fact Sheet** 

2009

Camp opened: 1997

HIS start date: Oct 2006

3,271 Population:

The source of population data in this report Camp closed:

Origin of refugees: Sudan

Implementing partners:

Indicator

Health/HIV: ARRA, IRC

Nutrition: ARRA

ARRA, IRC Watsan:

Standard



Skin disease

### Public Health Status

Health Impact	,,,,,,,,,
Crude Mortality Rate (CMR) (/1000/month)	0.12
Under-five Mortality Rate (U5MR) (/1000/month)	0.53
Infant Mortality Rate (IMR) (/1000 livebirths)	38.5
Neonatal Mortality Rate (NNMR) (/1000 livebirths)	0.0

Figure 1: Crude and Under-five Mortality

< 1.5 0000 < 3.0 < 60 < 40

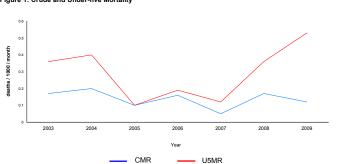


Figure 2: Crude Morbidity 100 80 60 40

LRTI

URTI

REPRO HEALTH

Figure 3: Under-five Morbidity cases/1000/month 300 250 150 100 URTI LRTI Intestinal worms

ŀ	Public Health Programmes
	Human Resources

No. of Medical Doctors

No. of Clinical Consultants	0	1:0	1:<10,000	
No. of Nurses (qualified)	4	1:818	1:<10,000	
No. of MCH staff / Midwifes	2	1:1,636	1:<10,000	
No. of Community Health Workers (CHW)	10	1:327	1:500-1,000	×
No. of Hygiene Promoters	4	1:818	1:<500	8
Access and Utilisation				
No. of health facilities	1	1:3,271	1:<10,000	
No. of consultations per trained clinician per day		33	< 50	
Health Utilization Rate (new visits/person/year)		2.0	1 - 4	<b>②</b>
Proportion of consultations by host population		39.08%		

Nº

Indicator

1:3,271

Standard 1:<50,000

Access and Othisation				
No. of health facilities	1	1:3,271	1:<10,000	
No. of consultations per trained clinician per day		33	< 50	
Health Utilization Rate (new visits/person/year)		2.0	1 - 4	_
Proportion of consultations by host population		39.08%		GB
Malaria				S
Is Act introduced as 1st line malaria treatment?		Yes	Yes	

	Indicator	Standard	
Maternal and Newborn Health			
Coverage of complete antenatal care (4 or more visits)	89%	100%	<b>3</b>
Proportion of deliveries attended by skilled personnel	85%	≥ 50%	
Proportion of deliveries performed by caesarean section	2%	5 - 15%	8
Proportion of low birth weight deliveries	4%	< 15%	
Family planning			
Contraceptive prevalence rate	-9%	≥ 30%	×

#### Sexual and Gender-based Violence Incidence of reported rape (/10,000/year) 7 22 Prop. rape survivors who received PEP < 72h 100% 100% Prop. rape survivors who received ECP < 120h 100% Prop. rape survivors who received STI < 2 wks 0% 100% Prevention

igure 4: V	accination cove	rage			
140%		123%			
120%				1000/	
100%			92% 92%	100% 94%	
80%	-				■ Measles ■ Full Vaccination
60%		49%			Standard
40%					
20%	10% 10%				
0%	2006	2007	2008	2009	_
	2006	2007	2008	2009	

Condom distribution rate	5.80	> 0.5	
Do appropriate IEC materials exist for PoCs?	Yes	Yes	<b>2</b>
Are risk groups targeted with prevention programmes?	Yes	Yes	
Proportion of donated blood units screened for HIV		100%	
PMTCT coverage	82%	100%	Ø
Care and Treatment			
Do PoCs have equal access to ART as host?	Yes	Yes	
N 1 (D 0 : ADT	15		
Number of PoCs receving ART	10		-
Number of PoCs receving ART  Prop. HIV positive mothers receiving co-trimox	0%	100%	8

	2006	2007	2008	2009		
Malnutritio	on					
Global Acute I	Malnutrition R	ate (%)		7.9%	< 5%	8
Severe Acute	Malnutrition F	tate (%)		0.3%	< 2%	
Prevalence of	anaemia in cl	nildren under five		22%	< 20%	1
Prevalence of	anaemia in w	omen of reprodu	ctive age	6%	< 20%	
Average numb	er of kilocalo	ries per person p	er day	2450	2100	

Water, Sanitation and Hygiene
Av quantity of potable water / person / day

Prop. HIV positive infants receiving co-trimox

, , , , , , , , , , , , , , , , , , ,	
Av quantity of potable water / person / day (litres)	36
No. of persons per usable water tap	77
No. of persons per drop-hole in communal latrine	10
Prop. of population living within 200m from water point	100%
Prop. of families with latrines	35%
Prop. families receiving >250g soap / person / month	100%

#### Observations

Malaria has been the six leading cause of morbidity. However, there is no reported mortality due to malaria. Mosquito net retention one year after distribution has remained around 82.0%, and supplementary distribution has been conducted in around July. The incidence rate of malaria per 1000/month has decrease from 14.5 in 2008 to 6.4 in 2009. 77.7% of the cases have been confirmed by laboratory test. The camp has among the highest consultations by the national which is around 39.0%



> 20

< 80

≤ 20

100% 100% ≥ 90%

0%











**Camp Fact Sheet** 

2009

Camp opened: 2004

HIS start date: Oct 2006

9.847 Population:

Camp closed:

The source of population data in this report

Origin of refugees:

Implementing partners:

Indicator

Eritrea Health/HIV: ARRA, IRC

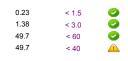
ARRA, ZOA Nutrition:

Watsan: ARRA, IRC



#### Public Health Status

**Health Impact** Crude Mortality Rate (CMR) (/1000/month) Under-five Mortality Rate (U5MR) (/1000/month) Infant Mortality Rate (IMR) (/1000 livebirths) Neonatal Mortality Rate (NNMR) (/1000 livebirths)



Standard

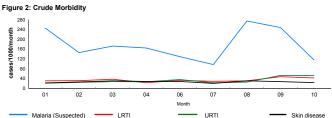


Figure 1: Crude and Under-five Mortality

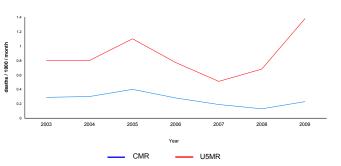
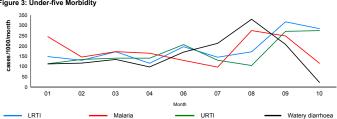


Figure 3: Under-five Morbidity



# **Public Health Programmes**

**Human Resources** 

No. of Medical Doctors	1	1:9,847	1:<50,000		
No. of Clinical Consultants	0	1:0	1:<10,000		
No. of Nurses (qualified)	5	1:1,969	1:<10,000		
No. of MCH staff / Midwifes	3	1:3,282	1:<10,000		
No. of Community Health Workers (CHW)	30	1:328	1:500-1,000	lacksquare	
No. of Hygiene Promoters	10	1:985	1:<500	×	
Access and Utilisation					
No. of health facilities	1	1:9,847	1:<10,000		
No. of consultations per trained clinician per day		29	< 50		
Health Utilization Rate (new visits/person/year)		4.0	1 - 4		

Nº

Indicator

Standard

Yes

Maternal and Newborn Health	mulcator	Stanuaru	
Coverage of complete antenatal care (4 or more visits)	100%	100%	<b>②</b>
Proportion of deliveries attended by skilled personnel	100%	≥ 50%	Ø
Proportion of deliveries performed by caesarean section	1%	5 - 15%	8
Proportion of low birth weight deliveries	1%	< 15%	
Family planning			

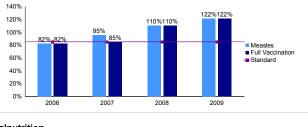
Proportion of consultations by host population

# Contraceptive prevalence rate Sexual and Gender-based Violence

Incidence of reported rape (/10,000/year) 2.53 Prop. rape survivors who received PEP < 72h 0% 100% Prop. rape survivors who received ECP < 120h 100% 100% Prop. rape survivors who received STI < 2 wks 50% 100%

### Figure 4: Vaccination coverage

Is Act introduced as 1st line malaria treatment?



#### Prevention Condom distribution rate

REPRO HEALTH

WASH

Do appropriate IEC materials exist for PoCs? Are risk groups targeted with prevention programmes? Yes Yes Proportion of donated blood units screened for HIV 100% PMTCT coverage 87% 100% **Care and Treatment** Do PoCs have equal access to ART as host? Yes Yes Number of PoCs receving ART 25

#### Malnutrition Gl

Malaria

Global Acute Malnutrition Rate (%)	11.9%	< 5%	8
Severe Acute Malnutrition Rate (%)	0.3%	< 2%	Ö
Prevalence of anaemia in children under five	21%	< 20%	1
Prevalence of anaemia in women of reproductive age		< 20%	
Average number of kilocaleries per person per day	2450	0400	

### Prop. HIV positive infants receiving co-trimox

Water, Sanitation and Hygiene
Av quantity of potable water / person / day (litres)
No. of persons per usable water tap
No. of persons per drop-hole in communal latrine
Prop. of population living within 200m from water point
Prop. of families with latrines

Water	, Sa	anit	ta	ti	ion	an	d	Hygiene

Prop. HIV positive mothers receiving co-trimox

Av quantity of potable water / person / day (litres)
No. of persons per usable water tap
No. of persons per drop-hole in communal latrine
Prop. of population living within 200m from water point
Prop. of families with latrines
Prop. families receiving >250g soan / person / month

39 > 20 121 < 80 30 ≤ 20 99% 100% 80% 100%

0.54

Yes

0% 0% > 0.5

Yes

100%

≥ 90%

### Observations

In 2009, the incidence rate of malaria has increased from 13.4 in 2008 to 57.0 per 1000/month making malaria the leading cause of morbidity in the camp. However, no death has been reported due to malaria. Mosquito net retention 1 year after distribution was found to be around 72%. Moreover, supplementary distribution has been conducted between August and September. The only reason identified for the increase is absence of similar effort in the local program in controlling malaria. One third of the users of health facility in Shimelba are the locals. Similarly, the incidence rate of diarrhea has increased fro 20.0 in 2008 to 32.4 per 1000/month in 2009.



