

**HEALTH and NUTRITION SECTOR UPDATE  
DADAAB REFUGEE CAMPS  
03<sup>rd</sup> to 09<sup>th</sup> of September 2011  
Update No. 8**

**1. Highlights**

- Relocation to Ifo Extension has continued during the week. Relocation to Kambioos has been temporarily suspended but will resume shortly. There has been a marked reduction in the outskirts population. When the relocation exercise started on 25 July 2011, there were a total of 85,000 individuals residing in the camp peripheries. Between 25 July – 15 September, a total of 47,815 individuals were moved into Ifo Extension and Kambioos. The number of persons yet to be moved from the outskirts stands at 37,185 individuals on 15 September 2011.
- Cholera outbreak remains stable with three confirmed cases one suspect case reported during the week from Ifo extension. The confirmed cases were all new arrivals in the camp (<48 hours) and there is to date no evidence of local transmission though preparations and heightened surveillance continue.
- The mass measles campaign in Ifo extension by MSF Spain finished on the 9th of September. In total six teams of forty staff (and two supervisors) took part with 2 fixed teams: one each in Ifo 2 and Ifo 3 and 4 mobile teams three in Ifo 3 and one in Ifo 2. 8761 people were vaccinated achieving a coverage of 104% of the target population and a wastage of 3%.
- The mass measles campaign in the remaining camps targeting refugees aged 15 to 30 years started on the 12<sup>th</sup> of September and continues; uptake has been satisfactory and coverage data will be issued next week.
- More nutrition survey results have become available during the week. The global acute malnutrition in Dagahaley outskirts was 38.3% (32.1-44.8) and severe acute malnutrition was 11.1% (7.7-15.8). In Dagahaley camp the corresponding figures were 23.2% (18.4-28.9) and 8.2% (5.4-12.2). The outskirts data are the most representative of the new arrival population.

## 2. Overview

- i. Total population of registered refugees as of 15<sup>th</sup> September<sup>1</sup>

Hagadera	Dagahaley	Ifo	Ifo Extension	Kambios	Total
136,823	131,744	130,180	35,309	3,741	437,797

- ii. Number waiting to be registered at end of reporting period: **3200**

- iii. Number of new arrivals during the reporting period: **6640**

## 3. Reception Centre data

- i. Number seen at reception centres during the week (per camp): DAG: 1832, HAG:2522, IFO: 2310

- ii. Results of MUAC screening of 6 to 59 months

MUAC	Hagadera	Dagahaley	Ifo
Total screened	456	515	401
% global malnutrition	5.7%	5.4%	16.4%
% severe malnutrition	2.8%	1.7%	4.4%

- iii. Numbers vaccinated at reception centre

Number vaccinated	Hagadera	Dagahaley	Ifo
5 years and above	509	603	1032
12 to 59 months	611	1308	319
Less than 1 year	-	350	122

<sup>1</sup> The health statistics are generated based on the population of registered refugees

#### 4. Mortality

Crude Mortality	Hagadera		Dagahaley		Ifo	
	Last month	This week	Last month	This week	Last month	This week
Number of deaths /1000/month	0.2	0.3	0.3	NA	0.3	0.5
U5 mortality	Hagadera		Dagahaley		Ifo	
	Last month	This week	Last month	This week	Last month	This week
Number of U5 deaths /1000/month	0.6	1.0	1.0	NA	1.2	1.3
Maternal mortality	Hagadera		Dagahaley		Ifo	
	Last month	This week	Last month	This week	Last month	This week
Number of maternal deaths	00	0.0	0.0	NA	1.0	0.0

#### 5. Morbidity

i. Proportional morbidity under fives:

<b>Morbidity</b>	Hagadera	Dagahaley	Ifo
<b>URTI</b>	36%	NA	34%
<b>Watery diarrhoea</b>	16%	NA	11%
<b>LRTI</b>	9%	NA	9%
<b>Measles</b>	1%	NA	1%

ii. Proportional morbidity crude:

<b>Morbidity</b>	Hagadera	Dagahaley	Ifo
<b>URTI</b>	27%	NA	32%
<b>Watery diarrhoea</b>	7%	NA	5%
<b>LRTI</b>	8%	NA	7%
<b>Measles</b>	0%	NA	2%

**Comment:**

## 6. Diseases of epidemic importance

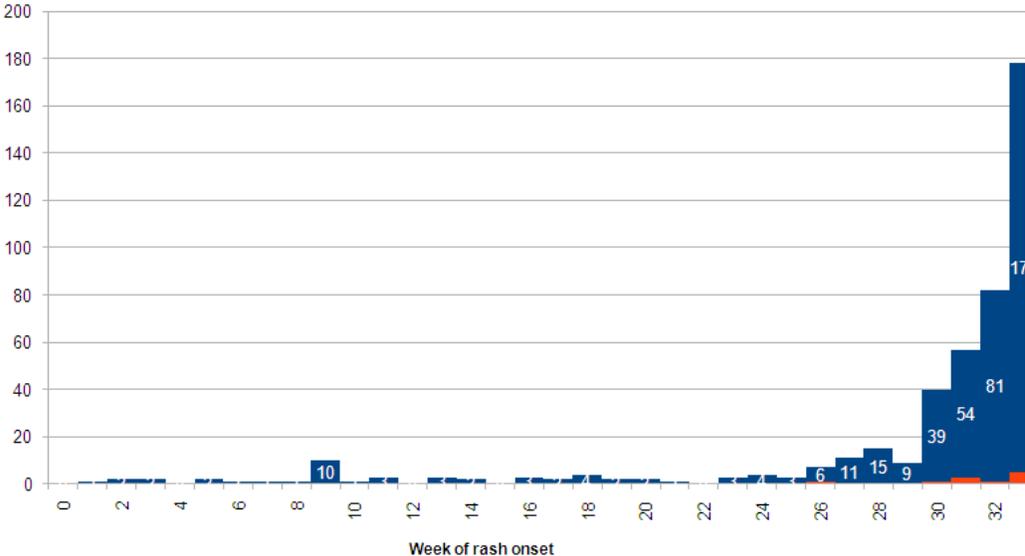
### i. Total number of cases of diseases of outbreak potential

	<b>AWD</b>	<b>Bloody diarrhoea</b>	<b>Meningitis</b>	<b>Measles</b>	<b>Malaria</b>	<b>AFP</b>
<b>Hagadera</b>	<b>269</b>	<b>2</b>	<b>0</b>	<b>18</b>	<b>1</b>	<b>0</b>
<b>Dagahaley</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>
<b>Ifo</b>	<b>173</b>	<b>4</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>0</b>

- 155 cases of **measles** reported during week 36 with 797 cases total to date (see figures 1 ). This is a reduction compared to the peak of week 34. There were two deaths during the reporting week. Seventeen deaths have occurred since the outbreak began in January with 16 occurring since July 1<sup>st</sup> 2011. The case fatality rate is 2.1%.
- An outbreak control meeting was held in Dadaab on the 13th of September. A **cholera outbreak** has been confirmed, but since there is no evidence of local transmission, the case definition will remain as “person over the age of five years who present with severe dehydration associated with watery diarrhea”. Health agencies continue to be on high alert. Outbreak response meetings in the camps including both WASH and Health agencies will be held weekly.

Several suspect cases of **pertussis** have been identified in the camps (4 cases from Hagadera, one in Ifo reception center, and 2 cases in Dagahaley). Guidance has already been issued on management of cases and contacts. The transport media has arrived and swabs for culture can now be taken on suspect cases. Still waiting the primers for PCR

Figure 1 - Number of cases of measles per week Dadaab 2011



## 7. Key services statistics

	Hagadera	Dagahaley	Ifo
Average number of outpatient consultations per day	514	NA	393
Average number of daily admissions	37	NA	42
Average number of consultation per clinicians per day	86	NA	42
% of deliveries occurring in a health facility	89%	NA	99%
Number of admission to SFP	-	NA	-
Number of admission to CTC	78	NA	173
Average number of litres water per person per day	13l/p/d	19l/p/d	12.4l/p/d

## 8. Services for survivors of sexual violence

	Hagadera	Dagahaley	Ifo
Number of survivors of sexual violence seen	4	NA	0
Number seen within 72 hours	2	NA	0
Number who received appropriate care according to time seen	4	NA	0

## 9. Nutrition

### i. Standard food ration being provided

<b>New arrivals</b>	BP- 5: 500 grams/person providing 2290 kcal/day for 3 days. New arrivals will no longer receive the general food ration until after registration (see comment below)
<b>Registered refugees</b>	General food distribution: 565 grams/person providing 2100 kcal/day for 30 or 31 days
<b>Blanket feeding (numbers covered)</b>	Due to provision of Blanket supplementary feeding for all children <5 years with CSB plus, the Nutributter distribution will be phased out during September.  Blanket feeding with CSB plus to all under fives continues.

**Comment:** WFP will now only provide the general food ration to registered refugees; a review of the backlog waiting to be registered has reduced the time between reception to registration to only two to three days. BP 5 will be provided for three days. The general food ration and non-food items will now only be provided after registration.

15 mother to mother support groups each comprising of 10-15 mothers have been formed and are active in Kambioos. This serves to promote appropriate infant and young child feeding practices and a forum where mothers can be targeted with information for health awareness.

Protocols have been adopted for the management of malnutrition in the five to 10 year age group. UNICEF has agreed to support RUTF for this group.

## 10. Health facilities

	Hagadera	Dagahaley	Ifo	Kambioos	Ifo extension
<b>Hospitals</b>	1	1	1	0	0
<b>Health posts</b>	4	5	5	1	1 + mobile services
<b>CHWs</b>	138	104	140 GIZ 10 MSF Spain	10	15

**Comment:** IRC is operating 1 health post in Kambioos run by 2 clinical officers and 2 nurses providing adult and pediatric consultation services, MCH services, laboratory services (mainly supporting the ANC clinics), pharmacy, OTP and SFP clinics. In community programming there are now 10 community health workers and 1 community health officer in Kambioos. A health committee has been set up comprising of 19 community leaders who are being oriented on available health services and where to access, hygiene promotion and other health concerns; immunization, malnutrition and follow up of pregnant women.

## 11. Key activities

- UNICEF consultant finished two week technical assistance to outpatient therapeutic feeding in Ifo

For further information, please kindly contact

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