

**HEALTH and NUTRITION SECTOR UPDATE  
DADAAB REFUGEE CAMPS  
13<sup>th</sup> to 19<sup>th</sup> August 2011  
Update No. 5**

**1. Highlights**

- 94 cases of measles this week (increase from 71 last week), with 333 cases total to date. No new deaths during the reporting week. Increase continues to be in new arrivals and subjects 15 years old and above. Vaccination campaign of 15 to 29 years old in all the camps planned to begin Sept. 12, 2011. The delay is due to shortage of cold chain equipment and to allow time for adequate social mobilization.
- New arrival numbers have reduced slightly from up to 1500 per day to a maximum of 1200 daily over the last three weeks. From interviews that were conducted at the reception centres, the current caseload of new arrivals are originating from Gedo and Lower Juba regions where humanitarian relief supplies have not yet reached due to limited access.
- The relocation of refugees from the outskirts of Hagadera camp to Kambioos is temporarily suspended until adequate basic services especially water and sanitation are put in place. IRC is providing primary health care services, antenatal care, outpatient therapeutic feeding and supplementary feeding from a temporary clinic. Similarly, relocation of refugees from the outskirts of Dagahaley camp into Ifo 2 has been temporarily suspended until more tap stands are installed and the latrines that were vandalized during the eight months suspension of the development of Ifo extension are rehabilitated and covered with superstructures.
- The WHO representative, Dr Abdulhai Jack visited Dadaab refugee camp on the 25th of August with the Provincial Medical Officer, Dr Mohammed Sheikh. WHO provided initial supplies of ORS and ciprofloxacin to UNHCR in advance of more supplies relating to cholera and shigellosis preparedness. WHO also outlined plans for further support for malaria epidemic preparedness in Dadaab including long lasting insecticide treated nets, rapid diagnostic tests, artesunate combination therapy and indoor residual spraying.

## 2. Overview

- i. Total population of registered refugees at end of reporting period<sup>1</sup>

Hagadera	Dagahaley	Ifo	Total
131,590	135,862	147,125	414,577

- ii. Number waiting to be registered at end of reporting period: 38,863
- iii. Number of new arrivals during the reporting period: 7428

## 3. Reception Centre data

- i. Number seen at reception centres during the week (per camp): DAG: 1963 , HAG: 2305, IFO: 3160
- ii. Results of MUAC screening of 6 to 59 months

MUAC	Hagadera	Dagahaley	Ifo
Total screened	521	292	946
% global malnutrition	6.6%	13%	14.4%
% severe malnutrition	1%	5.4%	5.1%

**Comment:** High levels of severe acute malnutrition in under fives persist amongst new arrivals in Ifo and Dagahaley

- iii. Numbers vaccinated at reception centre

Number vaccinated	Hagadera	Dagahaley	Ifo
5 years and above	449	563	1472
12 to 59 months	804	710	584
Less than 1 year	300	254	126

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

**Comment:** In Ifo 100% of eligible persons were vaccinated. In Hagadera 98.6% of persons between 5 to 14 years were vaccinated. Many more cases seen in Ifo as Dagahaley reception centre was closed for two days due to MSF staff strike.

#### 4. Mortality

<b>Crude Mortality</b>	<b>Hagadera</b>		<b>Dagahaley</b>		<b>Ifo</b>	
	Last month	This week	Last month	This week	Last month	This week
Number of deaths /1000/month	0.2	0.2	0.3	0.5	0.3	0.3
<b>U5 mortality</b>	<b>Hagadera</b>		<b>Dagahaley</b>		<b>Ifo</b>	
	Last month	This week	Last month	This week	Last month	This week
Number of U5 deaths /1000/month	0.6	0.8	1.0	1.3	1.2	0.8
<b>Maternal mortality</b>	<b>Hagadera</b>		<b>Dagahaley</b>		<b>Ifo</b>	
	Last month	This week	Last month	This week	Last month	This week
Number of maternal deaths	00	0.0	0.0	0.0	1.0	0.0

## 5. Morbidity

### i. Proportional morbidity under fives:

<b>Morbidity</b>	Hagadera	Dagahaley	Ifo
<b>URTI</b>	33%	18%	37%
<b>Watery diarrhoea</b>	19%	19%	13%
<b>LRTI</b>	8%	16%	10%
<b>Measles</b>	0%	5%	1%

**Comment:** Watery diarrhoea is causing considerable morbidity in under-fives. Plans need to be made to introduce community based management of diarrhoea to improve access to treatment.

### ii. Proportional morbidity crude:

<b>Morbidity</b>	Hagadera	Dagahaley	Ifo
<b>URTI</b>	24%	16%	34%
<b>Watery diarrhoea</b>	8%	11%	6%
<b>LRTI</b>	8%	16%	8%
<b>Measles</b>	0%	6%	2%

**Comment:** Measles is causing significant morbidity in Dagahaley. However there is a need to review reporting as there are considerably more cases being reported through the HIS than on the line list.

## 6. Diseases of epidemic importance

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

	AWD	Bloody diarrhoea	Meningitis	Measles	Malaria	AFP
Hagadera	282	6	0	3	6	0
Dagahaley	240	13	0	126	0	0
Ifo	239	9	0	69	2	0

- ii. Alert issued for **bloody diarrhoea** (shigellosis) in all camps following four confirmed cases of shigella dysenteriae in Hagadera (waiting for information on typing) and increased numbers in Dagahaley at one health post (exceeding the alert threshold). Advisory including case definition, reporting, case management and specimen collection has been issued to all camps. Cary-Blair transport media is being placed in all health posts and stool or rectal swabs will be taken on all cases of bloody diarrhoea (after consent). Line listing has started in Hagadera and will extend to all camps
- iii. **Measles** outbreak continues with 94 new cases (see Figures 1 and 6) this reporting week. The sharpest increase is in those aged 15 and over. Active case finding in the community has been intensified. A considerable number of cases do not seek health care with preference being given to traditional management. More emphasis needs to be given to home management including provision of vitamin A, supportive therapy and daily home visits by CHWs for detection of complications. Plans are underway to vaccinate starting on the 12<sup>th</sup> of September in the outskirts and new sites (Kambioos and Ifo extension) all people aged 15 to 29 and then extending to the rest of the camp. Current additional vaccination activities will continue.
- iv. No suspect cases of **pertussis** reported this week. Still waiting PCR primers to be obtained by CDC Kenya for confirmatory diagnosis.

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

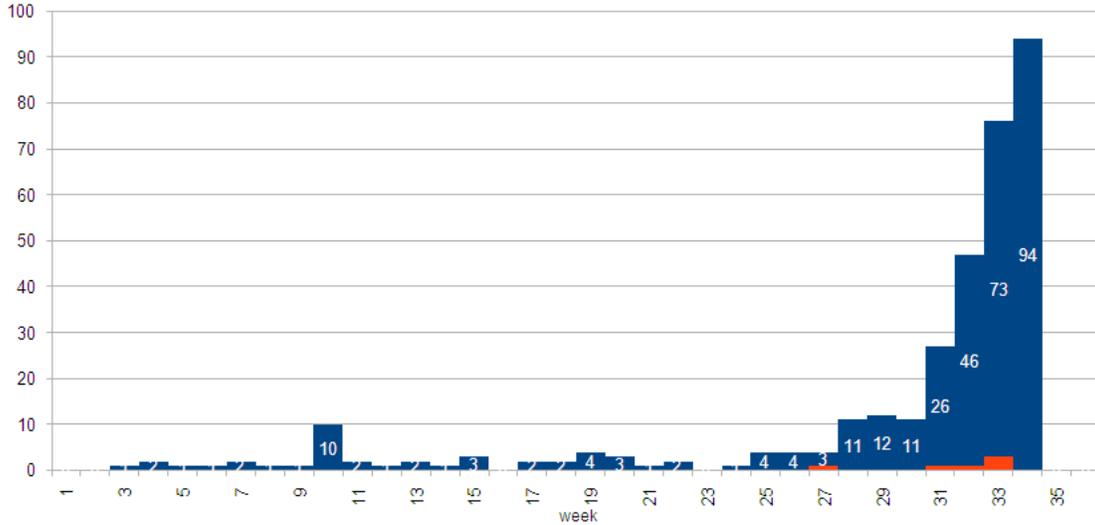
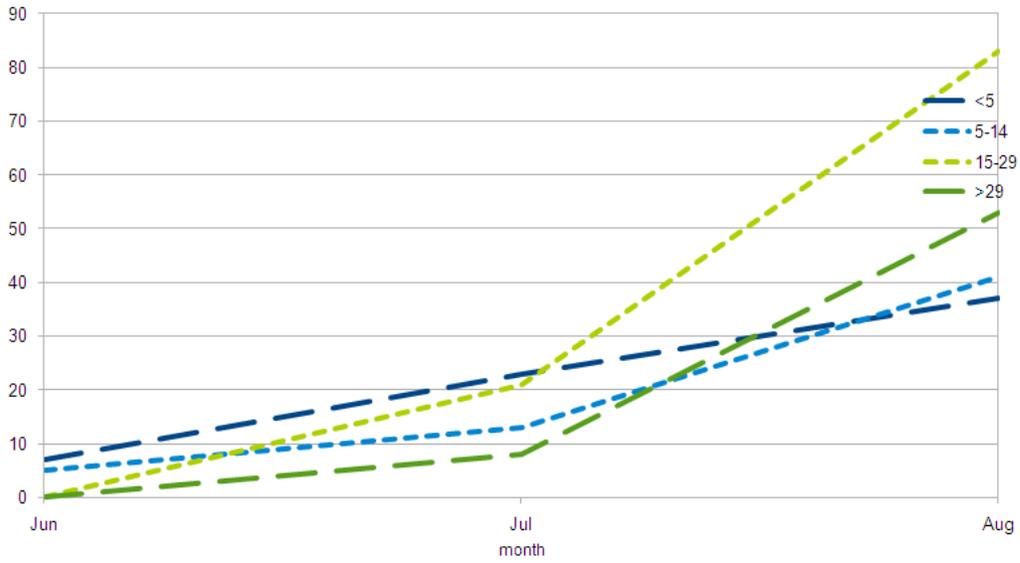


Figure 6 Number of cases of measles by age-group and month Dadaab 2011



## 7. Key services statistics

	Hagadera	Dagahaley	Ifo
Average number of outpatient consultations per day	700	316	534
Average number of daily admissions	33	46	42
Average number of consultation per clinicians per day	96	50	48
% of deliveries occurring in a health facility	85%	95%	95%
Number of admission to SFP	00	00	00
Number of admission to CTC	65	338	269
Average number of litres water per person per day	13l/p/d	19l/p/d	12.4l/p/d

**Comment:** Considerably fewer admissions to Dagahaley CTC associated with the two-day strike which closed all outpatient services. SFP services offered on alternate weeks

## 8. Services for survivors of sexual violence

	Hagadera	Dagahaley	Ifo
Number of survivors of sexual violence seen	1	0	0
Number seen within 72 hours	1	0	0
Number who received appropriate care according to time seen	1	0	0

## 9. Nutrition

### i. Standard food ration being provided

<b>New arrivals</b>	BP- 5: 500 grams/person providing 2290 kcal/day for 1 day And 565 grams/person providing 2100 kcal/day for 21 days
<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>	Over 30,000 Children aged 6-24 months receiving LNS supplement (nutributter) at 20 grams per child/day for 30 or 31 days.  Blanket feeding for all children under-five with CSB started on the 15 <sup>th</sup> of August in the general food distribution.

## 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	<b>Mobile services</b>
<b>CHWs</b>	138	104	140 GIZ 10 MSF Spain	0	4

**Comment:** Increased number of community health workers recruited in Hagadera and Ifo to respond to the increased population. Ifo extension does not have health facility yet but access is available through MSF Spain clinic in Ifo outskirts

## 11. Key activities

- i. The Mental Health and Psychosocial Support Working group met on the 19th of August. It was agreed to harmonize approaches to screening for mental health problems at the reception centres and ensure that an appropriate response is in place. Guidance on psychosocial rehabilitation of malnourished children was shared and steps will be taken to operationalise these in the stabilization centres in each camp.
- ii. Data collection for nutrition and mortality survey started in Ifo and Hagadera on the 22<sup>nd</sup> of August. Data collection will start on the 2<sup>nd</sup> of September in Dagahaley.
- iii. UNHCR's Senior Regional Reproductive Health and HIV Officer visited Dadaab between the 15<sup>th</sup> and the 19<sup>th</sup> of August. Findings and recommendations will be shared in next week's update.
- iv. Assessment of prevalence of malnutrition amongst 5 to 10 years olds and the elderly is ongoing in all reception centres. Results will be calculated at the end of the month.

For further information, please kindly contact

Ann Burton Senior Public Health Officer UNHCR SO Dadaab <a href="mailto:burton@unhcr.org">burton@unhcr.org</a>	Willy Amisi Health Coordinator UNHCR SO Dadaab <a href="mailto:amisiw@unhcr.org">amisiw@unhcr.org</a>	Gloria Kisia Nutritionist UNHCR SO Dadaab <a href="mailto:kisia@unhcr.org">kisia@unhcr.org</a>	Geoffrey Luttah HIV/RH Officer UNHCR SO Dadaab <a href="mailto:luttah@unhcr.org">luttah@unhcr.org</a>
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