

**HEALTH and NUTRITION SECTOR UPDATE
DADAAB REFUGEE CAMPS
14TH- 20TH April, 2012
Epidemiological week 16
Update No. 40**

1. Highlights

- A case of acute flaccid paralysis was reported in Kambioos in a ten year old boy.
- Long lasting insecticide treated net distribution has started in Ifo and Dagahaley this week. The exercise is expected to last for five weeks.
- 9 measles cases were reported this week bringing the total number of measles cases line-listed since January 2011 to 1611. There was one measles death from respiratory complications in a 36 day old infant. The infant's mother had been admitted with measles and therefore was not immune.
- WFP presented findings of a market analysis on the introduction of fresh food vouchers in pregnant women (details page 7).
- The number of new admissions to CTC was low this week. The total enrolled in CTC at the end of the week was 4,194 while in SFP was 14,179.
- There was no relocation of refugees this week.

2. Population

- i. Total population of registered refugees as of 15TH April¹

Hagadera	Dagahaley	Ifo	Ifo 2	Kambioos	Total
138,764	122,917	117,223	72,657	12,819	464,380

New arrivals: No new arrivals registered as registration remains suspended. No relocation this week.

¹ The health statistics are generated based on the population of registered refugees

3. Mortality

Crude Mortality	Hagadera		Dagahaley		Ifo		Kambioos		Ifo 2	
Number of deaths /1000/month	Last month	This week	Last month	This week	Last month	This week	Last month	This week	Last month	This week
	0.2	0.1	0.3	0.1	0.2	0.3	0.3	0.0	0.3	0.2
U5 mortality	Hagadera		Dagahaley		Ifo		Kambioos		Ifo 2	
No of U5 deaths /1000/mnth	Last month	This week	Last month	This week	Last month	This week	Last month	This week	Last month	This week
	0.3	0.4	0.4	0.4	0.3	0.4	0.4	0.0	0.6	1.1
Maternal mortality	Hagadera		Dagahaley		Ifo		Kambioos		Ifo 2	
Number of maternal deaths	Last month	This week	Last month	This week	Last month	This week	Last month	This week	Last month	This week
	2.0	0.0	1.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0

Comment: No maternal deaths occurred this week. Mortality rates remain stable.

4. Diseases of epidemic importance

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

	AWD	Bloody diarrhea	Meningitis	Measles	Malaria	AFP
Hagadera	194	0	0	9	0	0
Dagahaley	257	2	0	0	0	0
Ifo	200	0	0	0	0	0
Kambioos	63	0	0	0	0	1
Ifo 2	194	9	0	1	0	0

Comment: There is an increase in the number of reported cases of acute watery diarrhoea. IRC needs to assess why more cases of measles are reported in the HIS than in the line list.

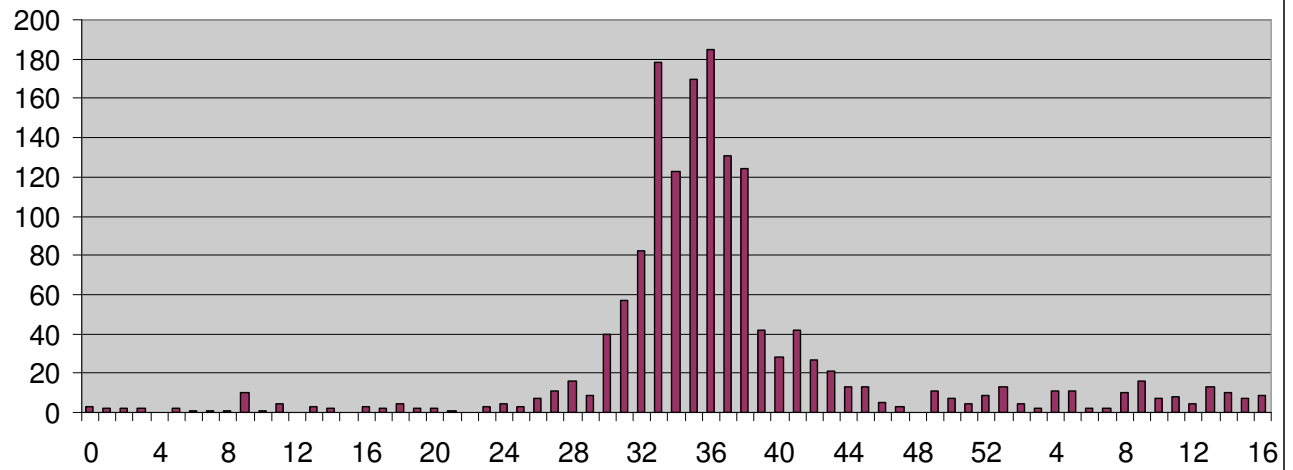
There was one **acute flaccid paralysis** case in a 10 year old male resident of Kambioos. He arrived in Dadaab in September 2011 and had never been immunized against polio (outside the age range at which polio vaccine is given in the camps). He presented on 11th April 2012 with fever and inability to walk for 3 days. A diagnosis of AFP was made by the clinical officer and referred to IRC Hospital. CDC was immediately informed and a stool sample taken. Results are pending.

9 **measles** cases were reported this week bringing the total number line listed to date to 1611. All the reported cases had rash onset in week 16. IRC reported a measles related death this week in a 36 day old infant. This brings the overall case fatality to 2.2 % (35 deaths out of 1611).

Long lasting insecticide treated **net distribution** is ongoing in Hagadera, Ifo and Dagahaley camps with good mobilization and involvement of community leaders. Over 20,000 net have so far been distributed in Hagadera. All distributions are accompanied by net demonstrations and IEC. The exercise is expected to last for the next five weeks. A post-distribution assessment is planned after completion of the exercise.

115 cases of **schistosomiasis** were reported this week with Hagadera reporting the highest number (64 cases above the age of five years). Health agencies must ensure that schistosomiasis is laboratory confirmed.

Fig.1: Number of Measles cases per week Jan. 2011-20TH April 2012



5. Key services statistics

	Hagadera	Dagahaley	Ifo	Kambioos	Ifo 2
Average number of outpatient consultations per day	394	422	407	151	355
Average number of daily new admissions	26	37	18	N/A no inpatient facility	N/A no inpatient facility
Average number of consultations per clinician per day	77	49	48	88	52
% of deliveries occurring in a health facility	93%	88%	86%	40%	22%
Number of new admissions to SFP	0	0	0	0	0
Number of new admissions to CTC	41	60	41	20	61
Average number of liters water per person per day	22 l/p/d	18 l/p/d	21 l/p/d	19 l/p/d	27 l/p/d (Ifo 2 East); 25 l/p/d (Ifo 2 West)

Comment: The consultation per clinician per day for Kambioos and Hagadera is high compared to other camps. IMC and IRC should increase the number of qualified staff providing health services so as to improve the quality of care offered in the camps.

There are high numbers of home deliveries in Ifo 2 (of 36 deliveries during the reporting week only 8 occurred in a health facility). Furthermore complete antenatal care coverage is very low at 3% and post natal care coverage was 0%. KRCS needs urgently to investigate the reasons behind this and takes measures to increase facility delivery, ANC and post natal care coverage.

6. Services for survivors of sexual violence

	Hagadera	Dagahaley	Ifo	Kambioos	Ifo 2
Number of survivors of sexual violence seen	3	0	0	0	1
Number seen within 72 hours	3	0	0	0	1
Number who received appropriate care according to time seen	3	0	0	0	1

Comment: Four sexual violence cases were reported during week 16, with all the survivors seen within 72 hours and receiving appropriate care. Community sensitization needs to emphasize the importance of early reporting.

7. Nutrition

- i. Standard food ration being provided

New arrivals	New arrivals currently not being received or officially assisted.
Registered refugees	General food distribution: 560 grams/person providing 2100 kcal/day for 30 or 31 days
Blanket feeding	Blanket feeding to all children six to 59 months with super cereal continues

Comments: IMC discharged 307 absentees and double enrolled children in the Kambioos OTP program, bringing the total number of children in OTP by the end of the week in Kambioos to 494.

WFP presented findings of a market analysis on the introduction of fresh food vouchers in pregnant women. The aim is to increase quality of diet, cost effectiveness of nutrition programmes and expand capacity to use market based approaches in Dadaab. The 6 month pilot programme is to target at least 7000 pregnant women through an e-voucher with 175 grams of fruits and vegetables and 50 grams of meat per person per day. This will be worth Ksh 68/p/day therefore Ksh 2075/p/month. The pilot is expected to start in September.

8. Health facilities

	Hagadera	Dagahaley	Ifo	Kambioos	Ifo 2 East and West
Health and Nutrition agency	IRC	MSF Swiss	GIZ	IMC	Kenyan Red Cross Society
Hospitals	1 Fully functional includes stabilization centre	1 Fully functional includes stabilization centre	1 Fully functional includes stabilization centre	0 Refer to Hagadera-transport available 24 hours	0 Refer to Ifo or Dagahaley transport available 24 hours
Health posts	4 *only incentive staff	4 * national and incentive staff)	6 *national staff in HP 1, 5 and 7;other HPs only have incentive staff)	1 temporary clinic *incentive staff and national staff)	3 clinics + 4 OTP sites *national staff), no SC yet
CHWs	155 (1 per 894)	104 (1 per 1200)	140 (1 per 880)	22 (1 per 582)	77 (1 per 931) * also have 47 nutrition assistants
Hygiene promoters	67 (1 per 2143)	84 (1 per 1523)	77 (1 per 1646)	24 (1 per 418)	Ifo 2 East 6 (1 per 4595) Ifo 2 West 25 (1 per 865)

Comment:

9. Key activities

- ACF trained 28 IYCN counsellors from Dagahaley this week using the WHO/UNICEF breastfeeding counselling module as well as on monitoring tools for community level activities.
- Issuance of birth certificates by the Civil Registrar is ongoing.

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