

**HEALTH and NUTRITION SECTOR UPDATE
DADAAB REFUGEE CAMPS
17th to 23rd of September 2011
Epidemiological week 38
Update No. 10**

1. Highlights

- No new confirmed cholera cases this week. The last positive culture occurred in a patient who presented on the 19th of September. All cases occurred in new arrivals and there is no evidence of local transmission. Outbreak in the camps stands at five confirmed cases and one death. Two stool cultures on suspect cases pending. Two confirmed cholera cases in samples sent from Liboi and cultured at the Hagadera laboratory; both in newly arrived Somalis.
- Reduction in measles cases seen with 117 cases reported in week 38 a decline from 185 cases reported in week 37. However, the full effect of the recent measles campaign is yet to be seen.
- The relocation activities continue to Ifo 2 east and west and Kambioos. A total of 24,921 refugees have been relocated to Ifo 2 East, 38,876 to Ifo 2 West and 6,046 to Kambioos.
- Improvement in the coverage of blanket supplementary feeding for under five year old children from 85% for the 2nd cycle of August to 99.3% in the 1st cycle of September 2011. WFP is following up on community awareness and sensitization of the blanket supplementary feeding programme to ensure proper usage in the target group before the introduction of CSB++.

2. Overview

i. Total population of registered refugees as of 29th September¹

Hagadera	Dagahaley	Ifo	Ifo	Kambios	Total
142,727	128,141	126,013	52,400	3,996	453,277

ii. Number of new arrivals during the reporting period: **6230** (September 23rd to 29th)

3. Reception Centre data

i. Results of MUAC screening of 6 to 59 months

MUAC	Hagadera	Dagahaley	Ifo
Total screened	311	566	618
% global malnutrition	5.2	6.8	10.6
% severe malnutrition	1.3	1.9	2.4

ii. Numbers vaccinated at reception centre

Number vaccinated	Hagadera	Dagahaley	Ifo
5 years and above	687	737	1341
12 to 59 months	449	2332	508
Less than 1 year	126	765	197

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

4. Mortality

Crude Mortality	Hagadera		Dagahaley		lfo		Kambioos	
	Last month	This week						
Number of deaths /1000/month	0.2	0.3	0.3	0.1	0.3	0.4	NA	0
U5 mortality	Hagadera		Dagahaley		lfo			
	Last month	This week						
Number of U5 deaths /1000/month	0.6	0.8	1.0	0.4	1.2	0.8	NA	0
Maternal mortality	Hagadera		Dagahaley		lfo			
	Last month	This week						
Number of maternal deaths	00	1	0.0	0	1.0	0.0	NA	0

Comment: no mortality data available for lfo 2; there is need to establish mortality surveillance urgently including refugees from lfo 2 referred to hospital and community deaths (using CHWs and grave counting).

5. Diseases of epidemic importance

i. Total number of cases of diseases of outbreak potential

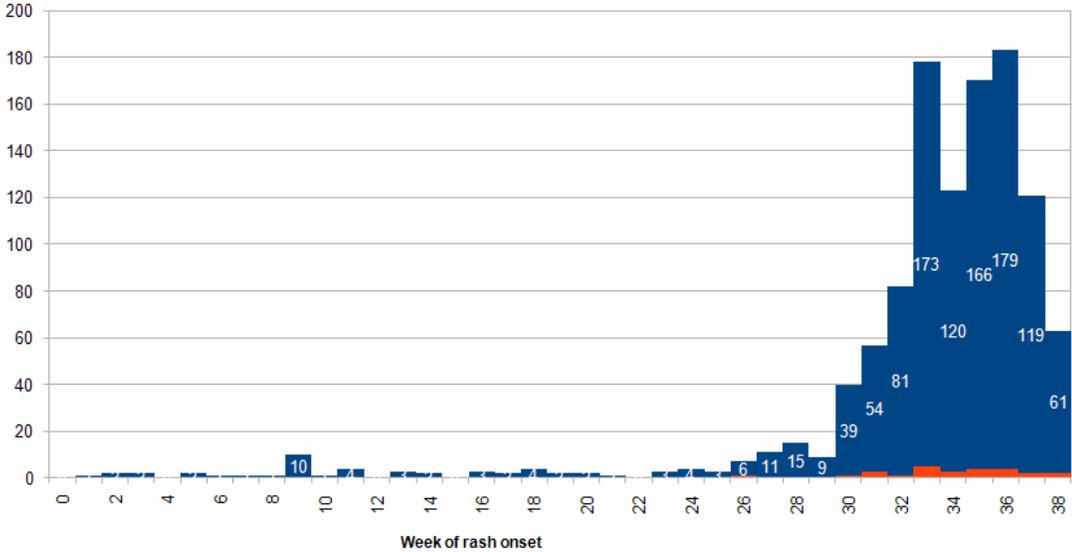
	AWD	Bloody diarrhoea	Meningitis	Measles	Malaria	AFP
Hagadera	275	4	0	11	0	0
Dagahaley	428	8	0	107	0	0
Ifo	140	6	0	33	0	0
Kambioos	48	3	0	1	2	0
Ifo 2	182	21	0	23	0	0

Comment: need to assess why more cases of measles are reported in the HIS than in the line list. This is mostly likely due to double reporting of hospitalised cases but this will be confirmed.

- 117 cases of **measles** reported this week (decrease from 185 last week). However, of those reported in week 38 only 61 cases had rash onset in week 38 (see Figure 1) with 1113 cases total to date. Increasing numbers are being seen in children less than 5 years of age. Measles-related deaths continue to increase in Ifo and Ifo extension with four deaths in week 38 this week. Many deaths are associated with late presentation or refusal to seek care. Home-based management is being provided in Ifo with 120 patients undergoing some form of home based management since the 8th of September.
- **Cholera** treatment centres have been established in three camps, Ifo, Ifo 2 and Dagahaley. Adequate stockpile of diarrheal disease supplies in place for initial response. There is a need to expand health education activities and ensure a comprehensive approach to improve hygiene related knowledge and practices and care seeking behavior.
- Sentinel surveillance site for culture bloody diarrhea established in Ifo 2
- 3 suspect **pertussis** cases reported in Dagahaley. One staff member in Dagahaley has been trained in specimen collection. Cases and contacts are being managed according to protocols. No confirmation yet
- A **dengue fever** alert has been issued by the Ministry of Public Health due to a large outbreak in Mandera. Dengue rapid tests have been conducted in new

arrivals with fever surveillance for several months with support from CDC Kenya but no dengue infection has been detected. Though importation is possible the extent to which ongoing transmission would occur in Dadaab is unknown. A request for a vector assessment in Dadaab has been made to CDC Kenya in order to plan appropriate vector control measures in the camps. This is needed as soon as possible given the approaching rainy season and the lack of guidance on appropriate measures in the Dadaab refugee context.

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



6. Key services statistics

	Hagadera	Dagahaley	Ifo	Kambioos	Ifo 2
Average number of outpatient consultations per day	484	526	433	52	314
Average number of daily new admissions	40	49	44	NA	NA
Average number of consultation per clinicians per day	56	61	42	30	110
% of deliveries occurring in a health facility	92%	75%	85%	0% (see comment)	Not available
Number of new admissions to SFP	200	-	334	39	167
Number of new admissions to CTC	61	345	276	23	216
Average number of litres water per person per day	15l/p/d (outskirts)	12l/p/d (outskirts)	12.4l/p/d	15 l/p/d	18.4 litres (Ifo 2 West); 15 litres Ifo 2 east

Comment: The Kambioos delivery data is reported under Hagadera. MSF Spain is striving to increase the number of trained clinicians to address the very high number of consultations per day.

7. Services for survivors of sexual violence

	Hagadera	Dagahaley	Ifo	Kambioos	Ifo 2
Number of survivors of sexual violence seen	4	3	0	0	0
Number seen within 72 hours	1	0	0	0	0
Number who received appropriate care according to time seen	4	0	0	0	0

Comment: Dagahaley needs to review the reporting of sexual violence and coverage of services in the health information system.

8. Nutrition

i. Standard food ration being provided

New arrivals	BP- 5: 500 grams/person providing 2290 kcal/day for 3 days. New arrivals no longer receive the general food ration until after registration
Registered refugees	General food distribution: 565 grams/person providing 2100 kcal/day for 30 or 31 days
Blanket feeding	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.

9. Health facilities

	Hagadera	Dagahaley	Ifo	Kambioos	Ifo 2 East and West
Hospitals	1	1	1	0	0
Health posts	4	5	5	1	2
CHWs	138	104	140	10	36

Comment: more health facilities are being constructed in Ifo 2 to keep up with the relocation.

10. Key activities

- UNFPA/CDC assessment conducted from the 26th to 28th September to assess appropriate interventions for UNFPA in Dadaab. Possible areas of intervention include support to SGBV prevention and response, infrastructure improvements at health centre and hospital level, commodities and support for training in emergency obstetric and neonatal care.
- UNICEF and Action Contre La Faim conducted a four-day assessment from the 26th to the 29th September to define areas of intervention to strengthen infant and young child feeding (IYCF) in Dadaab at facility and community level. At the end of the assessment a comprehensive strategy, with activities and a work plan were presented to health/nutrition partners. ACF will begin operations in Dadaab shortly
- A five-day training on Integrated Disease Surveillance and Response was conducted by the MoH with support from WHO for over 30 health workers from all camps.
- Helpage will carry out a nutrition survey for older people in Ifo, Hagadera and Dagahaley main camps. Training is scheduled to start on the 3rd of October 2011

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