



# Melkadida

Public Health and Nutrition Profile

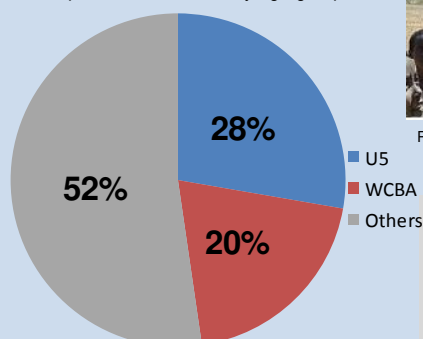
15 to 21 October  
Week 42

# 2011

Refugee population<sup>a</sup>

**40,065** at end of period

Figure 1 Population breakdown by age-group



U5: Under 5 WCBA: Women of child-bearing age



Photo: New arrivals at Melkadida refugee camp  
© UNHCR / Aug 2011

Key dates:

Camp opened: February 2010

Last nutrition survey: April 2011



## Indicators at a glance:

|  |     |   |
|--|-----|---|
| 1. Crude Mortality Rate <sup>b</sup>                 | 0.2 | ? |
| 2. Under 5 Mortality Rate <sup>b</sup>               | 0.4 | ? |
| 3. Infant Mortality Rate <sup>b</sup>                | 35  | ✓ |
| 4. Severe Acute Malnutrition (SAM) rate <sup>c</sup> | 10% | ✗ |
| 5. Global Acute Malnutrition (GAM) rate <sup>c</sup> | 33% | ✗ |
| 6. Measles coverage <sup>d</sup>                     | 94% | ⚠ |
| 7. Skilled attendance at delivery <sup>b</sup>       | 67% | ✓ |
| 8. Water (litres / refugee / day) <sup>e</sup>       | 12  | ✓ |

Table 1: Top causes of mortality<sup>b</sup>

|                       |     |
|-----------------------|-----|
| 1. Maternal death     | 20% |
| 2. Neonatal death     | 20% |
| 3. Acute malnutrition | 20% |
| 4. Unknown            | 20% |
| 5. Other              | 20% |

LRTI: Lower respiratory tract infection  
**Sources of data**

<sup>a</sup> Source: UNHCR registration database

<sup>b</sup> Source: UNHCR/ARRA HIS

<sup>c</sup> Source: Household MUAC screening (August 2011)

<sup>d</sup> Source: Integrated Measles SIA rapid convenience survey result (August 2011)

<sup>e</sup> Source: UNHCR WASH Monitoring Reports

Table 2: Top causes of morbidity<sup>b</sup>

|                     |     |
|---------------------|-----|
| 1. LRTI             | 26% |
| 2. URTI             | 19% |
| 3. Watery diarrhea  | 11% |
| 4. Other            | 11% |
| 5. Intestinal worms | 10% |

URT: Upper respiratory tract infection  
**Reporting period**

• All indicators are for week 42, with the exception of GAM and SAM rates.

• GAM and SAM rates are based on a house-to-house MUAC screening conducted between 4 and 7 September 2011. The next nutrition survey will take place in October 2011.

• WASH indicators are based on monitoring reports from the 4<sup>th</sup> September 2011.

## Summary:

- Crude and Under 5 mortality rates are within acceptable emergency thresholds, but should be reviewed for possible under-reporting of deaths at community-level.
- One maternal and neonatal death reported and under investigation
- SAM and GAM rates are higher than expected in a more stable camp and probably reflect the presence of the new arrivals.
- Sanitation and hygiene status is low

## Public Health Priorities:

- Integrated health and nutrition approach
- Review mortality surveillance for completeness of reporting. Ensure that all deaths from community and facility-based sources are recorded in the HIS reports.
- Strengthening community surveillance and improve follow up of children in nutrition programs to reduce defaulter rates.
- Disease surveillance, outbreak preparedness and response plan in place
- Improvement of sanitation including installment of latrine, awareness of hygiene, garbage collection and disposal at camp level
- Roll out of UNHCR HIS among the implementing partners and strengthening reporting system and documentation at the camp level
- Waste management system in place and meeting standards

Legend: ✓ Standard reached ⚠ Standard borderline ✗ Standard not reached ? Data unreliable i Indicator cannot be calculated n/a Data not available - Data not applicable

View interactive maps and statistics online: <http://his.unhcr.org/main.locsis>

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| Public Health                                      |    |            |                    |   |           |                    |  |
|--|----|------------|--------------------|---|-----------|--------------------|--|
| Health Impact                                      | No | Indicator  | Emergency Standard | Outbreak Alert and Response                         | Indicator | Emergency Standard |  |
| Crude Mortality Rate (/10,000/day)                 |    | 0.2        | < 1 ?              | Number of outbreaks reported                        | 0         |                    |  |
| Under-five Mortality Rate (/10,000/day)            |    | 0.4        | < 2 ?              | % of outbreaks investigated < 48 hours              | -         | 100%               |  |
| Infant Mortality Rate (IMR) (/1000 livebirths)     |    | 35         | < 60 ✓             | EPI and Vitamin A                                   |           |                    |  |
| Neonatal Mortality Rate (NNMR) (/1000 livebirths)  |    | 18         | < 40 ✓             | Measles vaccination coverage                        | 94%       | > 95% ⚠            |  |
| Global Acute Malnutrition Rate (%)                 |    | 33%        | < 10% ✗            | Supervision   |           |                    |  |
| Severe Acute Malnutrition Rate (%)                 |    | 10%        | < 2% ✗             | Do regular camp coordination meetings take place?   | Yes       | Yes ✓              |  |
| Access and Utilisation                             |    |            |                    | Were any drug shortages reported during the period? | No        | No ✓               |  |
| No. of health facilities                           | 1  | 1 : 40,065 | 1 : <10,000 ✗      |   |           |                    |  |
| No. of consultations per trained clinician per day |    | 26         | < 50 ✓             |   |           |                    |  |
| Health Utilization Rate (new visits/person/year)   |    | 0.4        | 1 - 4 ⚠            |   |           |                    |  |

| Nutrition                      | Moderate Acute Malnutrition (MAM) | Emergency Standard | Severe Acute Malnutrition (SAM)      |                    |                            |                    |
|--------------------------------|-----------------------------------|--------------------|--------------------------------------|--------------------|----------------------------|--------------------|
|                                |                                   |                    | Outpatient therapeutic program (OTP) | Emergency Standard | Stabilisation Centre (SC)* | Emergency Standard |
| Number of new admissions       | n/a                               |                    | 157                                  |                    | 2                          |                    |
| Average length of stay         | n/a                               | < 8 weeks i        | n/a                                  | < 30 days i        | n/a                        | < 10 days i        |
| Average weight gain (g/kg/day) | -                                 |                    | n/a                                  | > 5 i              | n/a                        | > 5 i              |
| Discharge rate                 | n/a                               | > 75% i            | 61%                                  | > 75% ✗            | n/a                        | > 75% ✗            |
| Death rate                     | n/a                               | < 3% i             | 0%                                   | < 10% ✓            | n/a                        | < 10% ✓            |
| Default rate                   | n/a                               | < 15% i            | 30%                                  | < 15% ✗            | n/a                        | < 15% ✗            |
| Referral rate                  | n/a                               |                    | 0%                                   |                    | n/a                        |                    |
| Non-cured rate                 | n/a                               |                    | 0%                                   |                    | -                          |                    |

\* there is currently no SC in Kobe camp. SC and Overall CMAM indicators represent data for Kobe and Melkadida combined.

| Reproductive Health and HIV                    |    |            |                    |   |     |           |                    |
|--|----|------------|--------------------|---|-----|-----------|--------------------|
| Maternal and Newborn Health                    | No | Indicator  | Emergency Standard | Sexual and Gender-based Violence          | No  | Indicator | Emergency Standard |
| No. of basic EmOC facilities                   | 1  | 1 : 40.065 | 1 : <500,000 ✓     | Incidence of reported rape (/10,000/year) | 0   | 0.0       | ?                  |
| No. of comprehensive EmOC facilities           | 0  | 0          | 1 : <500,000 ✗     | % rape survivors who received PEP < 72h   | -   | 100%      |                    |
| Number of maternal deaths                      |    | 1          |                    | % rape survivors who received ECP < 120h  | -   | 100%      |                    |
| Number of maternal deaths investigated <48 hrs |    | 100%       | 100%               | % rape survivors who received STI < 2 wks | -   | 100%      |                    |
| Crude Birth Rate (CBR) (/1000/month)           |    | 1.3        |                    | HIV/AIDS                                  |     |           |                    |
| Coverage complete antenatal care (> 4 visits)  |    | 8%         | > 90% ✗            | Condom distribution rate                  | n/a | > 0.5 i   |                    |
| % deliveries performed by caesarean section    |    | 0%         | 5 - 15% ✓          | % of blood units screened for HIV         | n/a | 100% i    |                    |
| % deliveries attended by skilled personnel     |    | 67%        | ≥ 50% ✓            |   |     |           |                    |
| % low birth weight deliveries                  |    | 0%         | < 15% ✓            |   |     |           |                    |

PEP: Post-exposure prophylaxis; ECP: Emergency Contraceptive Pill; STI: Sexually Transmitted Infection

| Community Health Activities                            | Indicator | Emergency Standard | Water, Sanitation and Hygiene                         | Indicator | Emergency Standard |
|--|-----------|--------------------|---|-----------|--------------------|
| No. of health education and hygiene sessions conducted | -         |                    | Avg quantity of potable water / person / day (litres) | 12        | > 10 ✓             |
| No. of sanitation campaigns conducted                  | -         |                    | No. of persons per usable water tap                   | 228       | < 250 ✓            |
| No. pregnant women who received clean delivery kit     | -         |                    | No. of persons per drop-hole in communal latrine      | 561       | ≤ 50 ✗             |
| No. of complicated medical cases identified            | -         |                    | % of population living within 200m from water point   | 109%      | 100% ✓             |
| % of complicated medical cases referred                | -         | ≥ 90%              | % of families with latrines                           | 9%        | > 50% ⚠            |

Legend: ✓ Standard reached ⚠ Standard borderline ✗ Standard not reached ? Data unreliable i Indicator cannot be calculated n/a Data not available - Data not applicable

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UNHCR gratefully acknowledges the support of the following partners:

