DISPLACEMENT TRACKING MATRIX (DTM) GAMBELLA REGION, ROUND 8: NOVEMBER – DECEMBER 2017

Summary of key findings

DATE OF PUBLICATION: 5 FEB 2017
GAMBELLA REGION - KEY FINDINGS

LOCATION AND CAUSE OF DISPLACEMENT: 21,570 displaced individuals comprising 4,314 households in 21 displacement sites were identified in Gambella region. These figures represent an increase of 1,578 in the total individuals (8%), 490 in the number of households (13%) but a decrease of 2 (9%) in numbers of sites since round 7 (September/October 2017). 57% of sites opened in 2017. Conflict was the primary cause of displacement for an estimated 71% of the displaced population.

DEMOGRAPHICS: 53% of displaced individuals were female and 47% were male. 66% were younger than 18 years old. 4% were over 60 years old.

SHELTER: 4 (19%) sites reported that over 50% of households were living in shelters that were below standard.

WASH: 95% of sites meet SPHERE standards of access to over 15 liters of water per person per day. 19 (91%) displacement sites reported having no toilets.

FOOD, NUTRITION AND LIVELIHOODS: 12 (57%) sites, representing 15,155 individuals, reported no access to food. 33% of sites reported that IDPs did not have access to income generating activities.

HEALTH: Similarly to Round 7, where malaria was the primary health concern for 83% of sites in round 7, in the most recent round, malaria is the primary health concern for all evaluated sites.

EDUCATION: In one site (5%), less than 25% of children are attending primary school. Access to formal primary school education is available in all sites while alternative basic education (ABE) is available at no sites.

PROTECTION: Sites reports the harmful traditional practice of child marriage. The relationships among the IDPs is described as good or excellent in all sites.

COMMUNICATION: 86% of sites reported that local leaders were the primary source of information for IDPs, followed by site management (14%).
LOCATION, ORIGIN AND CAUSE OF DISPLACEMENT

- At 11 of the 21 sites new IDP arrivals were recorded in 2017. At the remaining 10 sites no new IDPs had arrived in 2017.
- 52% of all sites identified opened between January and December 2017. 5% opened before 2016 and 38% opened in 2016.
- Figure 1 shows the estimated number of IDPs by assessment round and cause of displacement. Figure 2 shows the number of IDPs displaced by zone and cause of displacement. Figure 3 shows the drivers of displacement disaggregated by the number of IDPs in sites reporting new arrivals in 2017.
- All IDPs in Gambella region are internally displaced within the region.
- All IDPs are displaced within their zone of origin. Most (17,425 individuals, or 81%) are displaced within Nuer.
- 9 sites (43%) reported that IDPs had been previously displaced.

Figure 1: Estimated IDPs in identified sites by assessment round and cause of displacement

Figure 2: Estimated IDPs displaced by zone and cause of displacement

Figure 3: Distribution of IDPs by drivers of displacement, total recorded population and population in sites reporting new arrivals in 2017
IDPs from two (10%) sites were leaving the site. IDPs from both sites were going to their places of origin.

At 29% of sites IDPs foresaw a resolution of their displacement, while IDPs at 71% of sites did not.

Concerning a durable solution to their displacement, at 48% of sites IDPs prefer to return to their place of origin. 33% prefer reintegration, and 19% prefer relocation.

Figure 3 shows the percentage of sites reporting various obstacles to returns, while figure 4 shows support IDPs need in order to return or reintegrate.

**POPULATION DEMOGRAPHICS**

- Of the 21,570 displaced individuals identified in Gambella region, 53% were female and 47% were male. 66% were younger than 18 years old. 4% were over 60 years old (figure 5). Individuals with specific vulnerabilities were also reported at displacement sites and are represented in figure 6.

<table>
<thead>
<tr>
<th>Special vulnerabilities</th>
<th># Individuals</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pregnant girls under 18</td>
<td>46</td>
</tr>
<tr>
<td>Pregnant women over 18</td>
<td>354</td>
</tr>
<tr>
<td>Breastfeeding mothers</td>
<td>496</td>
</tr>
<tr>
<td>Persons with disabilities under 18</td>
<td>141</td>
</tr>
<tr>
<td>Persons with disabilities over 18</td>
<td>200</td>
</tr>
<tr>
<td>Persons with chronic diseases or serious medical conditions</td>
<td>36</td>
</tr>
<tr>
<td>Members of religious minorities</td>
<td>20</td>
</tr>
<tr>
<td>Members of ethnic minorities</td>
<td>34</td>
</tr>
<tr>
<td>Elderly persons without caregivers</td>
<td>85</td>
</tr>
<tr>
<td>Unaccompanied children</td>
<td>8</td>
</tr>
<tr>
<td>Separated children</td>
<td>152</td>
</tr>
<tr>
<td>Orphaned children</td>
<td>176</td>
</tr>
<tr>
<td>Single female headed households</td>
<td>237</td>
</tr>
<tr>
<td>Single male headed households</td>
<td>160</td>
</tr>
<tr>
<td>Single child headed households</td>
<td>14</td>
</tr>
<tr>
<td>Elderly headed households</td>
<td>128</td>
</tr>
</tbody>
</table>

**Figure 3:** % of sites reporting obstacles to return

- Lack of safety/security: 81%
- House damage: 76%
- Accessibility: 71%
- Basic infrastructure: 48%
- No livelihood: 29%
- Lack of food: 19%
- Nothing: 10%

**Figure 4:** % of sites by support needed for return or reintegration

- ID/Documentation: 24%
- Land/Resources: 48%
- Livelihood: 48%
- Livestock/Restocking: 52%
- Safety & Security: 81%
- Access to services: 81%

**Figure 5:** Gender and age disaggregation of IDP population

- **FEMALE (53%)**
  - 17%: 0-4 yrs
  - 6%: 5-14 yrs
  - 15%: 15-17 yrs
  - 14%: 18-59 yrs
  - 2%: 60+ yrs

- **MALE (47%)**
  - 13%: 0-4 yrs
  - 7%: 5-14 yrs
  - 12%: 15-17 yrs
  - 13%: 18-59 yrs
  - 2%: 60+ yrs

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## CAUSE OF DISPLACEMENT BY ZONE AND WOREDA IN ROUND 7 AND 8

Increase in IDP numbers from previous round of assessment
Decrease in IDP numbers from previous round of assessment
No change from previous round of assessment
New site or uncovered site

<table>
<thead>
<tr>
<th>Zone</th>
<th>Woreda</th>
<th>Displacement Reason</th>
<th>Round 8</th>
<th>% change in estimated # of HHs</th>
<th>Round 7</th>
<th>% change in estimated # of HHs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>HHs</td>
<td>Individuals</td>
<td>Sites</td>
<td>HHs</td>
</tr>
<tr>
<td>Agnuak</td>
<td>Gambella Zuria</td>
<td>Seasonal Flood</td>
<td>37</td>
<td>185</td>
<td>1</td>
<td>-87.41%</td>
</tr>
<tr>
<td></td>
<td>Gog</td>
<td>Conflict</td>
<td>420</td>
<td>2,100</td>
<td>3</td>
<td>NO CHANGE</td>
</tr>
<tr>
<td></td>
<td>Jore</td>
<td>Conflict</td>
<td>144</td>
<td>720</td>
<td>1</td>
<td>NO CHANGE</td>
</tr>
<tr>
<td>Agnuak Total</td>
<td></td>
<td></td>
<td>601</td>
<td>3,005</td>
<td>5</td>
<td>-29.95%</td>
</tr>
<tr>
<td>Itang Special Woreda</td>
<td>Itang</td>
<td>Conflict</td>
<td>228</td>
<td>1,140</td>
<td>2</td>
<td>-8.43%</td>
</tr>
<tr>
<td>Itang Special Woreda Total</td>
<td></td>
<td></td>
<td>228</td>
<td>1,140</td>
<td>2</td>
<td>-8.43%</td>
</tr>
<tr>
<td>Nuer</td>
<td>Jikawo</td>
<td>Conflict</td>
<td>244</td>
<td>1,220</td>
<td>1</td>
<td>-46.02%</td>
</tr>
<tr>
<td></td>
<td>Lare</td>
<td>Conflict</td>
<td>316</td>
<td>1,580</td>
<td>2</td>
<td>+315.79%</td>
</tr>
<tr>
<td></td>
<td>Lare</td>
<td>Flash Flood</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>NEW/UNCOVERED</td>
</tr>
<tr>
<td></td>
<td>Lare</td>
<td>Seasonal Flood</td>
<td>333</td>
<td>1,665</td>
<td>3</td>
<td>+16.03%</td>
</tr>
<tr>
<td></td>
<td>Makey</td>
<td>Seasonal Flood</td>
<td>540</td>
<td>2,700</td>
<td>2</td>
<td>NEW/UNCOVERED</td>
</tr>
<tr>
<td></td>
<td>Wantawo</td>
<td>Conflict</td>
<td>1,732</td>
<td>8,660</td>
<td>4</td>
<td>+11.67%</td>
</tr>
<tr>
<td></td>
<td>Wantawo</td>
<td>Seasonal Flood</td>
<td>320</td>
<td>1,600</td>
<td>2</td>
<td>NEW/UNCOVERED</td>
</tr>
<tr>
<td>Nuer Total</td>
<td></td>
<td></td>
<td>3,485</td>
<td>17,425</td>
<td>14</td>
<td>+28.27%</td>
</tr>
<tr>
<td>Conflict Total</td>
<td></td>
<td></td>
<td>3,084</td>
<td>15,420</td>
<td>13</td>
<td>+6.64%</td>
</tr>
<tr>
<td>Flash Flood Total</td>
<td></td>
<td></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>NEW/UNCOVERED</td>
</tr>
<tr>
<td>Seasonal Flood Total</td>
<td></td>
<td></td>
<td>1,230</td>
<td>6,150</td>
<td>8</td>
<td>+111.70%</td>
</tr>
<tr>
<td>Grand Total</td>
<td></td>
<td></td>
<td>4,314</td>
<td>21,570</td>
<td>21</td>
<td>+12.81%</td>
</tr>
</tbody>
</table>

DISPLACEMENT TRACKING MATRIX (DTM) GAMBELLA REGION
ROUND 8: NOVEMBER – DECEMBER 2017

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ABOUT DTM

DTM GLOBAL

The Displacement Tracking Matrix (DTM) is a system to track and monitor displacement and population mobility. It is designed to regularly and systematically capture, process and disseminate information to provide a better understanding of the movements and evolving needs of displaced populations, whether on site or en route. More information is available at www.globaldtm.info.

DTM IN ETHIOPIA

In Ethiopia, data is collected at zone, woreda and site level. Since September 2016, eight rounds of assessments have been completed. The DTM programme is implemented in close collaboration with the National Disaster Risk Management Commission, regional, zonal and woreda counterparts and DTM implementing partner, the Danish Refugee Council (DRC).

METHODOLOGY

IOM’s DTM team composed of enumerators from IOM and DRC were deployed across the country to collect the data. The process involved the following steps:

Zone level: Interviews with key informants from the Disaster Prevention and Preparedness Office (DPPO), community representatives, and the education and health offices collect information including (among others) estimated caseload of displaced population, identification of woredas within the zone that host displaced populations, reason for displacement, time of arrival of IDPs and location of origin.

Woreda level: Information is collected from key woreda informants and includes (among others) estimated length of stay, number of displaced households and individuals at woreda level, displaced population by type of temporary settlements and approximate locations of identifiable displacement sites. The information is used to plan site assessments.

Site assessments: In-depth IDP site assessments capture detailed information through key informant interviews, direct observation and focus group discussions with male, female, elderly, children and IDP representatives. Data on available services by sector, accessibility constraints, exact type, location and name of the site, place of origin of IDPs, estimated size and type of the site and most common type of shelter are captured. Age and gender disaggregation for the site is extrapolated using a demographic calculator tool based on the age range and sex of the household members of 20 randomly selected households from the site.

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| Zone                      | Woreda            | Sex     | Age Groups                        | Infants (0-4y) | Children (5-14y) | Youth (15-17y) | Adults (18-59 y) | Elderly (60 +y) | Total | HHS | Site Open Date | Cause          | Duration |
|--------------------------|-------------------|---------|-----------------------------------|----------------|------------------|----------------|------------------|----------------|-------|----------------|----------------|-----------|
| Agnuak                   | Gambella Zuria    | Male    |                                   | 22             | 19               | 24             | 24               |                | 89    | 37             | 30-Aug-17      | Seasonal Flood | In 2017   |
| Agnuak                   | Gambella Zuria    | Female  |                                   | 20             | 22               | 20             | 30               | 4               | 96    | 37             | 09-Apr-16      | Conflict       | During 2016 |
| Agnuak                   | Gog               | Male    |                                   | 137            | 144              | 67             | 153              | 30             | 531   | 232            | 26-Nov-17      | Conflict       | During 2016 |
| Agnuak                   | Gog               | Female  |                                   | 181            | 153              | 84             | 181              | 30             | 629   | 232            | 21-Nov-16      | Conflict       | During 2016 |
| Agnuak                   | Gog               | Male    |                                   | 94             | 141              | 47             | 150              | 19             | 451   | 188            | 21-Nov-16      | Conflict       | During 2016 |
| Agnuak                   | Jore              | Male    |                                   | 58             | 115              | 36             | 108              | 7              | 324   | 144            | 21-Nov-16      | Conflict       | During 2016 |
| Agnuak                   | Jore              | Female  |                                   | 86             | 115              | 36             | 108              | 7              | 324   | 144            | 21-Nov-16      | Conflict       | During 2016 |
| Agnuak Total             |                   |         |                                   | 701            | 859              | 380            | 950              | 115            | 3,005 | 1,202          |                |            |
| Itang Special Woreda     | Itang             | Male    |                                   | 59             | 44               | 44             | 59               | 15             | 221   | 98             | 19-Jan-16      | Conflict       | During 2016 |
| Itang Special Woreda     | Itang             | Female  |                                   | 69             | 59               | 44             | 78               | 19             | 269   | 98             |                | Conflict       | During 2016 |
| Itang Special Woreda     | Itang             | Male    |                                   | 78             | 65               | 52             | 91               | 26             | 312   | 130            | 20-Jan-16      | Conflict       | During 2016 |
| Itang Special Woreda     | Itang             | Female  |                                   | 84             | 71               | 52             | 111              | 20             | 338   | 130            |                | Conflict       | During 2016 |
| Itang Special Woreda Total|                 |         |                                   | 290            | 239              | 192            | 339              | 80             | 1,140 | 456            |                |            |
| Nuer                     | Jikawo            | Male    |                                   | 171            | 134              | 85             | 159              | 25             | 574   | 244            | 22-Feb-17      | Conflict       | In 2017     |
| Nuer                     | Jikawo            | Female  |                                   | 195            | 171              | 85             | 183              | 12             | 646   | 244            | 15-Apr-15      | Conflict       | During 2016 |
| Nuer                     | Lare              | Male    |                                   | 53             | 46               | 30             | 46               | 11             | 186   | 76             | 15-Jul-17      | Conflict       | In 2017     |
| Nuer                     | Lare              | Female  |                                   | 61             | 38               | 19             | 61               | 15             | 194   | 76             | 16-Aug-17      | Seasonal Flood | In 2017     |
| Nuer                     | Lare              | Male    |                                   | 144            | 168              | 120            | 144              | 36             | 612   | 240            | 17-Aug-17      | Seasonal Flood | In 2017     |
| Nuer                     | Lare              | Female  |                                   | 132            | 132              | 96             | 192              | 36             | 588   | 240            | 21-Aug-17      | Seasonal Flood | In 2017     |
| Nuer                     | Lare              | Male    |                                   | 27             | 36               | 7              | 38               | 2              | 110   | 45             | 30-Aug-17      | Seasonal Flood | In 2017     |
| Nuer                     | Lare              | Female  |                                   | 32             | 29               | 20             | 32               | 2              | 115   | 45             | 05-Mar-17      | Conflict       | In 2017     |
| Nuer                     | Lare              | Male    |                                   | 39             | 39               | 23             | 37               | 8              | 146   | 56             | 04-Oct-17      | Seasonal Flood | In 2017     |
| Nuer                     | Lare              | Female  |                                   | 37             | 25               | 14             | 50               | 8              | 134   | 56             | 24-Oct-17      | Seasonal Flood | In 2017     |
| Nuer                     | Lare              | Male    |                                   | 174            | 151              | 116            | 128              | 35             | 604   | 232            |                |            |
| Nuer                     | Lare              | Female  |                                   | 174            | 116              | 69             | 174              | 23             | 556   | 232            |                |            |
| Nuer                     | Makuey            | Male    |                                   | 435            | 345              | 138            | 399              | 54             | 1,371 | 540            | 20-Feb-09      | Conflict       | Before 2016  |
| Nuer                     | Makuey            | Female  |                                   | 342            | 399              | 123            | 438              | 27             | 1,329 | 540            | 24-Feb-16      | Conflict       | During 2016 |
| Nuer                     | Wantawo           | Male    |                                   | 187            | 204              | 68             | 238              | 17             | 714   | 340            | 04-Oct-17      | Seasonal Flood | In 2017     |
| Nuer                     | Wantawo           | Female  |                                   | 204            | 357              | 68             | 340              | 17             | 986   | 340            | 24-Oct-17      | Seasonal Flood | In 2017     |
| Nuer                     | Wantawo           | Male    |                                   | 574            | 328              | 451            | 369              | 123            | 1,845 | 820            |                |            |
| Nuer                     | Wantawo           | Female  |                                   | 615            | 615              | 369            | 615              | 41             | 2,255 | 820            |                |            |
| Nuer                     | Wantawo           | Male    |                                   | 338            | 298              | 137            | 429              | 74             | 1,276 | 572            |                |            |
| Nuer                     | Wantawo           | Female  |                                   | 469            | 463              | 120            | 503              | 29             | 1,584 | 572            |                |            |
| Nuer                     | Wantawo           | Male    |                                   | 71             | 71               | 17             | 50               | 8              | 217   | 83             |                |            |
| Nuer                     | Wantawo           | Female  |                                   | 62             | 58               | 12             | 62               | 4              | 198   | 83             |                |            |
| Nuer                     | Wantawo           | Male    |                                   | 166            | 154              | 59             | 190              | 24             | 593   | 237            |                |            |
| Nuer                     | Wantawo           | Female  |                                   | 107            | 201              | 47             | 225              | 15             | 592   | 237            |                |            |
| Nuer Total               |                   |         |                                   | 4,809          | 4,578            | 2,293          | 5,102            | 643            | 17,425 | 6,970          |                |            |
| Grand Total              |                   |         |                                   | 5,800          | 5,676            | 2,865          | 6,391            | 838            | 21,570 | 8,628          |                |            |
**Disclaimer:** Age and gender disaggregation for the site is extrapolated using a demographic calculator tool based on the age range and sex of the household members of 20 randomly selected households from the site.

*Displacement Tracking Matrix (DTM) conducted in collaboration with Danish Refugee Council (DRC)*

DTM made possible thanks to the European Civil Protection and Humanitarian Aid Operations (ECHO), the Ethiopian Humanitarian Fund (EHF), the Office of United States Foreign Disaster Assistance (OFDA) and the Swiss agency for Development and Cooperation (SDC).

The opinions expressed in this report are those of the authors and do not necessarily reflect the views of the Office of United States Foreign Disaster Assistance.
Annex II - Gambella region displacement causes and IDPs in assessed woredas

DTM round Eight (03/11 - 08/12, 2017)

Note:
The newly created zones and woreda boundaries in the region are not available in our Geodatabase; hence their figures are combined with their mother woredas.

Disclaimer:
The delineation of the boundaries shown on the map should not be considered as authoritative.

Map Data Source: Boundary Shapefile - CSA 2008

The newly created zones and woreda boundaries in the region are not available in our Geodatabase; hence their figures are combined with their mother woredas.
Annex III - Gambella region HHs reporting lack of shelter at the sites and IDPs in assessed woredas

DTM round Eight (03/11 - 08/12, 2017)

Map produced on January 04, 2018

Note:
The newly created zones and woreda boundaries in the region are not available in our Geodatabase; hence their figures are combined with their mother woredas.

Disclaimer:
The delineation of the boundaries shown on the map should not be considered as authoritative.
Map Data Source: Boundary Shapefile - CSA 2008

IDPs in assessed woredas
- No IDPs
- 185 - 1,000
- 1,001 - 2,500
- 2,501 - 5,500
- 5,501 - 10,260
- Not assessed

Lack of shelter at the sites
- <25%
- None

21,570 Individuals displaced within the region
Note: The newly created zones and woreda boundaries in the region are not available in our Geodatabase; hence their figures are combined with their mother woredas.

Disclaimer: The delineation of the boundaries shown on the map should not be considered as authoritative.

Map Data Source: Boundary Shapefile - CSA 2008
Annex V - Gambella region sites reporting access to water and IDPs in assessed woredas

DTM round Eight (03/11 - 08/12, 2017)

Map produced on January 04, 2018

Note:
The newly created zones and woreda boundaries in the region are not available in our Geodatabase; hence their figures are combined with their mother woredas.
Annex VI - Gambella region sites reporting access to food and IDPs in assessed woredas

DTM round Eight (03/11 - 08/12, 2017)

Map produced on January 04, 2018

Note:
The newly created zones and woreda boundaries in the region are not available in our Geodatabase; hence their figures are combined with their mother woredas.

Disclaimer:
The delineation of the boundaries shown on the map should not be considered as authoritative.

Map Data Source: Boundary Shapefile - CSA 2008
Annex VII - Gambella region sites reporting access to health facility and IDPs in assessed woredas

DTM round Eight (03/11 - 08/12, 2017)

Map produced on January 04, 2018

Disclaimer:
The delineation of the boundaries shown on the map should not be considered as authoritative.
Map Data Source: Boundary Shapefile - CSA 2008

Note:
The newly created zones and woreda boundaries in the region are not available in our Geodatabase; hence their figures are combined with their mother woredas.
Annex VIII - Gambella region sites reporting access to ABE and IDPs in assessed woredas

DTM round Eight (03/11 - 08/12, 2017)

Note:
The newly created zones and woreda boundaries in the region are not available in our Geodatabase; hence their figures are combined with their mother woredas.

Disclaimer:
The delineation of the boundaries shown on the map should not be considered as authoritative.

Map Data Source: Boundary Shapefile - CSA 2008

IDPs in assessed woredas
- No IDPs
- 185 - 1,000
- 1,001 - 2,500
- 2,501 - 5,500
- 5,501 - 10,260
- Not assessed

Access to Alternative Basic Education (ABE)
- No

Individuals displaced within the region
21,570

Map produced on January 04, 2018

25 km

Boundaries
- International Boundary
- Regional Boundary
- Zonal Boundary
- Woreda Boundary
Annex IX - Gambella region sites reporting access to Formal PES and IDPs in assessed woredas

DTM round Eight (03/11 - 08/12, 2017)

Map produced on January 04, 2018

Note:
The newly created zones and woreda boundaries in the region are not available in our Geodatabase; hence their figures are combined with their mother woredas.

Disclaimer:
The delineation of the boundaries shown on the map should not be considered as authoritative.
Map Data Source: Boundary Shapefile - CSA 2008

Access to Formal Primary Education Services (PES)
- Yes
- IDPs in assessed woredas
  - No IDPs
  - 185 - 1,000
  - 1,001 - 2,500
  - 2,501 - 5,500
  - 5,501 - 10,260
  - Not assessed

Individuals displaced within the region
- 21,570

Boundaries
- International Boundary
- Regional Boundary
- Zonal Boundary
- Woreda Boundary