DTM’s Flow Monitoring Registry (FMR) surveys people on the move at key transit points within South Sudan (SSD) and at its borders. It provides an insight into mobility trends, migration drivers and traveller profiles to inform programming by humanitarian and development partners and by the government, complementing DTM’s monitoring of COVID-19 mobility restrictions. In total, 22 Flow Monitoring Points (FMPs) were active in August 2021, surveying internal flows and cross-border travel with Uganda (UGA), the Democratic Republic of Congo (DRC), Sudan (SDN), Ethiopia (ETH), Kenya (KEN) and the Central African Republic (CAR). The FMPs Renk North Checkpoint and Malakal Bus Station continue to be suspended. Activities in Source Yubu resumed on 5 August 2021. Figures are only indicative of existing trends among respondents at the active FMPs since DTM does not have full coverage of cross-border or internal flows. Participation in the survey is voluntary and anonymous.

38,543 individuals surveyed
3.2 average group size

1,151 displaced individuals
3.0% of respondents

No. of respondents
(August 2021)

<table>
<thead>
<tr>
<th>Place of departure</th>
<th>Voluntary return</th>
<th>Forced return</th>
<th>Voluntary relocation</th>
</tr>
</thead>
<tbody>
<tr>
<td>From SSD</td>
<td>695 (375 refugees)</td>
<td>5 (0 refugees)</td>
<td>138 (13 refugees)</td>
</tr>
<tr>
<td>From abroad</td>
<td>1,513 (712 refugees)</td>
<td>6 (0 refugees)</td>
<td>81 (39 refugees)</td>
</tr>
</tbody>
</table>

1,559 possible voluntary returnees (of which 1,098 from abroad), 25 forced returnees (6 from abroad) and 549 relocated individuals (208 from abroad) reported an unknown intended duration of stay or unknown length of stay at the location of departure.

<table>
<thead>
<tr>
<th>Country</th>
<th>Inflow</th>
<th>Outflow</th>
<th>Net flow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uganda</td>
<td>612 (376 refugees)</td>
<td>40 (8 refugees)</td>
<td>+572 (368 refugees)</td>
</tr>
<tr>
<td>DRC</td>
<td>87 (57 refugees)</td>
<td>11 (0 refugees)</td>
<td>+76 (57 refugees)</td>
</tr>
<tr>
<td>Sudan</td>
<td>665 (95 refugees)</td>
<td>302 (0 refugees)</td>
<td>+363 (95 refugees)</td>
</tr>
<tr>
<td>Ethiopia</td>
<td>20 (19 refugees)</td>
<td>23 (8 refugees)</td>
<td>-3 (+11 refugees)</td>
</tr>
<tr>
<td>Kenya</td>
<td>273 (217 refugees)</td>
<td>359 (220 refugees)</td>
<td>-86 (-3 refugees)</td>
</tr>
<tr>
<td>CAR</td>
<td>26 (0 refugees)</td>
<td>28 (0 refugees)</td>
<td>-2 (0 refugees)</td>
</tr>
</tbody>
</table>

The boundaries on the map do not imply official endorsement or acceptance by the Government of the Republic of South Sudan or by IOM. The map is for planning purposes only. IOM cannot guarantee that the map is error free and therefore accepts no liability for consequential or indirect damages arising from its use. [1] Respondents going to or coming from non-neighbouring countries (35), as well as respondents whose locations of departure and destination are both outside South Sudan (521), are not included in country-specific analysis. [2] Individuals travelling together are surveyed as a group, which often corresponds to the household. [3] Individuals reporting forced movement due to conflict, natural disaster or food insecurity (if intention to stay over a week) are counted as displaced. [4] Flows are considered to be long / medium term if the group spent over 3 months at the location of departure and intends to spend over 6 months at destination. [5] Registered refugee status is self-reported.
FMR South Sudan – Uganda
August 2021

8,951 incoming persons
2.8 average group size

12,831 people surveyed
3.0 average group size

14 displaced persons
0.1% of respondents

3,880 outgoing persons
3.3 average group size

F.3 Reasons for movement (incoming)

% 80
% 60
% 40
% 20
0
Economic
Family Related
Healthcare
Return (Vol.)
Return (Non-Vol.)
Education
Other

F.4 Duration of stay (incoming)

% 80
% 60
% 40
% 20
0
<1 Day
1-7 Days
8 Days-3 Months
4-6 Months
1 Year
Indefinite
No Answer
Unknown

F.5 Time trend (incoming)

No. Resp.
0
100
200
300
400
Aug 01 Aug 15 Aug 31

F.6 Reasons for movement (outgoing)

% 80
% 60
% 40
% 20
0
Buy Goods
Family Related
Economic
Other

F.7 Duration of stay (outgoing)

% 80
% 60
% 40
% 20
0
<1 Day
1-7 Days
8 Days-3 Months
4-6 Months
1 Year
Indefinite
No Answer
Unknown

F.8 Time trend (outgoing)

No. Resp.
0
50
100
150
200
Aug 01 Aug 15 Aug 31

Notes: [Rounding] Percentages may not add up to 100% as a result of rounding error. 1. [Displacement] Individuals reporting forced movement due to conflict, natural disaster or food insecurity (if intention to stay over a week) are counted as displaced. 2. [Group] Individuals travelling together are surveyed as a group, which often corresponds to the household. 3. [F.3, F.6] ‘Return (Vol.)’ = returning from voluntary travel. 4. [F.5, F.8] The number of individuals surveyed on a given day may fluctuate as a result of staffing and access constraints, and does not necessarily reflect the number of individuals travelling.
FMR South Sudan – Democratic Republic of Congo
August 2021

5,203 incoming persons
2.9 average group size

F.11 Reasons for movement (incoming)^3

7,407 people surveyed
3.1 average group size

F.9 Demographic distribution and nationality of respondents

3 displaced\(^1\) persons
<0.1% of respondents

F.12 Duration of stay (incoming)

2,204 outgoing persons
3.8 average group size

F.14 Reasons for movement (outgoing)^3

5,203 incoming persons
2.9 average group size

F.13 Time trend (incoming)^4

2,204 outgoing persons
3.8 average group size

F.15 Duration of stay (outgoing)

5,203 incoming persons
2.9 average group size

F.16 Time trend (outgoing)^4

Notes: [Rounding] Percentages may not add up to 100% as a result of rounding error. 1. [Displacement] Individuals reporting forced movement due to conflict, natural disaster or food insecurity (if intention to stay over a week) are counted as displaced. 2. [Group] Individuals travelling together are surveyed as a group, which often corresponds to the household. 3. [F.11, F.14] ‘Return (Vol.)’ = returning from voluntary travel. 4. [F.13, F.16] The number of individuals surveyed on a given day may fluctuate as a result of staffing and access constraints, and does not necessarily reflect the number of individuals travelling.
FMR South Sudan – Sudan
August 2021

1,292 incoming persons
2.8 average group size

2,636 people surveyed
2.8 average group size

51 displaced persons
1.9% of respondents

2,636 people surveyed
2.8 average group size

1,344 outgoing persons
2.8 average group size

Notes: [Rounding] Percentages may not add up to 100% as a result of rounding error. 1. [Displacement] Individuals reporting forced movement due to conflict, natural disaster or food insecurity (if intention to stay over a week) are counted as displaced. 2. [Group] Individuals travelling together are surveyed as a group, which often corresponds to the household. 3. [F.19, F.22] ‘Return (Vol.)’ = returning from voluntary travel. 4. [F.21, F.24] The number of individuals surveyed on a given day may fluctuate as a result of staffing and access constraints, and does not necessarily reflect the number of individuals travelling.
3,659 people surveyed
17.1 average group size

184 displaced persons
5.0% of respondents

747 pregnant or lactating women
26 unaccompanied children
103 persons with mental or physical disabilities
166 persons with special needs over 60

2,753 incoming persons
21.5 average group size

906 outgoing persons
10.5 average group size

F.27 Reasons for movement (incoming)

F.28 Duration of stay (incoming)

F.29 Time trend (incoming)

F.30 Reasons for movement (outgoing)

F.31 Duration of stay (outgoing)

F.32 Time trend (outgoing)

Notes: [Rounding] Percentages may not add up to 100% as a result of rounding error. 1. [Displacement] Individuals reporting forced movement due to conflict, natural disaster or food insecurity (if intention to stay over a week) are counted as displaced. 2. [Group] Individuals travelling together are surveyed as a group, which often corresponds to the household. 3. [F.27, F.30] ‘Return (Vol.)’ = returning from voluntary travel. 4. [F.29, F.32] The number of individuals surveyed on a given day may fluctuate as a result of staffing and access constraints, and does not necessarily reflect the number of individuals travelling.
**FMR South Sudan – Kenya**

**August 2021**

1,664 incoming persons
2.2 average group size

2,622 people surveyed
2.5 average group² size

104 displaced¹ persons
4.0% of respondents

958 outgoing persons
3.4 average group size

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### F.35 Reasons for movement (incoming)³

- 68 pregnant or lactating women
- 0 unaccompanied children
- 0 persons with mental or physical disabilities
- 1 persons with special needs over 60

### F.38 Reasons for movement (outgoing)³

### F.33 Demographic distribution and nationality of respondents

- Female
  - 18-59: 62.7%
  - 60+: 0.2%
  - 0.5%

- Male
  - 5-17: 7.9%
  - 0.4: 2.2%
  - 2.8%

### F.36 Duration of stay (incoming)

- Short term
- Long-term

### F.39 Duration of stay (outgoing)

- Short term
- Long-term

### F.34 Flows between South Sudan and Kenya by reason for travel

- Departure
- Reason for movement
- Destination

- Turkana (KEN)
- Juba (SSD)
- Mombasa (KEN)
- Nairobi (KEN)
- Usain Gishu (KEN)
- Other (SSD)
- Other (KEN)

- Economic
- Return from Voluntary Travel
- Family Related
- Education
- Unknown

- Juba (SSD)
- Turkana (KEN)
- Kisumu East (SSD)
- Kisumu South (SSD)
- Other (SSD)
- Other (KEN)

### F.37 Time trend (incoming)³

### F.40 Time trend (outgoing)⁴

1. Notes: [Rounding] Percentages may not add up to 100% as a result of rounding error.
   - Displacement: Individuals reporting forced movement due to conflict, natural disaster or food insecurity (if intention to stay over a week) are counted as displaced.
   - Group: Individuals travelling together are surveyed as a group, which often corresponds to the household.
   - F.35, F.38: ‘Return (Vol.)’ = returning from voluntary travel.
   - F.37, F.40: The number of individuals surveyed on a given day may fluctuate as a result of staffing and access constraints, and does not necessarily reflect the number of individuals travelling.
FMR South Sudan – Central African Republic
August 2021

443 incoming persons
3.7 average group size

1,016 people surveyed
3.4 average group size

2 displaced persons
0.2% of respondents

29 pregnant or lactating women
0 unaccompanied children
6 persons with mental or physical disabilities
0 person with special needs over 60

443 incoming persons
3.7 average group size

573 outgoing persons
3.3 average group size

Notes: [Rounding] Percentages may not add up to 100% as a result of rounding error. 1. [Displacement] Individuals reporting forced movement due to conflict, natural disaster or food insecurity (if intention to stay over a week) are counted as displaced. 2. [Group] Individuals travelling together are surveyed as a group, which often corresponds to the household. 3. [F.43, F.46] ‘Return (Vol.)’ = returning from voluntary travel. 4. [F.45, F.48] The number of individuals surveyed on a given day may fluctuate as a result of staffing and access constraints, and does not necessarily reflect the number of individuals travelling. From 18 June until 5 August 2021, data collection in FMP Source Yubu was interrupted due to insecurity.
FMR Internal Movement
August 2021

7,816 people surveyed
3.0 average group size
793 displaced persons
10.1% of respondents

F.49 Demographic distribution and nationality of respondents

<table>
<thead>
<tr>
<th>Gender</th>
<th>Age (years)</th>
<th>Female</th>
<th>Male</th>
<th>0-4</th>
<th>5-17</th>
<th>18-59</th>
<th>60+</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>0-4</td>
<td>4.5%</td>
<td>4.0%</td>
<td>1.0%</td>
<td>1.2%</td>
<td>44.9%</td>
<td>28.8%</td>
</tr>
<tr>
<td>Male</td>
<td>0-4</td>
<td>4.5%</td>
<td>4.0%</td>
<td>1.0%</td>
<td>1.2%</td>
<td>5.6%</td>
<td>7.6%</td>
</tr>
</tbody>
</table>

F.51 Reasons for movement

<table>
<thead>
<tr>
<th>Reason for movement</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Family Related</td>
<td>2.0%</td>
</tr>
<tr>
<td>Economic</td>
<td>4.2%</td>
</tr>
<tr>
<td>Return (Vol.)</td>
<td>2.4%</td>
</tr>
<tr>
<td>Disaster Disp.</td>
<td>2.2%</td>
</tr>
<tr>
<td>Healthcare</td>
<td>2.0%</td>
</tr>
<tr>
<td>Other</td>
<td>2.0%</td>
</tr>
</tbody>
</table>

F.52 Duration of stay

<table>
<thead>
<tr>
<th>Duration of stay</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short term</td>
<td>44.0%</td>
</tr>
<tr>
<td>Long-term</td>
<td>56.0%</td>
</tr>
</tbody>
</table>

F.53 Time trend

Methodology

DTM’s Flow Monitoring Registry (FMR) surveys people’s movement through key transit points within South Sudan and at its borders. The purpose is to provide regularly updated information on mobility dynamics and traveller demographics, intentions and motivations. Data is collected on both internal and cross-border flows.

Flow Monitoring Points (FMPs) are positioned at strategic border crossings and transport hubs, as determined by a preliminary assessment of high-transit locations. As a result, the data is indicative of selected key flows and does not provide a full or statistically representative picture of internal and cross-border movement in South Sudan.

The FMR methodology aims to track all non-local traffic passing through an FMP, usually between 8:00-17:00, during the week and on weekends. Trained enumerators briefly survey each group of travellers and collect disaggregated information about individual demographics and vulnerabilities. Participation in the survey is voluntary and children under 15 are not directly interviewed.

FMPs are not active overnight as a result of security constraints and operations may be temporarily suspended in periods of increased risk. Due to staffing constraints, full coverage may not be possible at times of exceptionally high movement through the FMP.

Notes: [Icons] Icons by Pedro Santos, Jaime M. Laurel, Simon Child, Mike Rowe, Tom Fricker and ProSymbols from the Noun Project. [Rounding] Percentages may not add up to 100% as a result of rounding error. 1. [Displacement] Individuals reporting forced movement due to conflict, natural disaster or food insecurity (if intention to stay over a week) are counted as displaced. 2. [Group] Individuals travelling together are surveyed as a group, which often corresponds to the household. 3. [F51] ‘Return (Vol.)’ = returning from voluntary travel. 4. [F53] The number of individuals surveyed on a given day may fluctuate as a result of staffing and access constraints, and does not necessarily reflect the number of individuals travelling.