

Site and Village / Neighbourhood Assessments Report SNFI

Data collection June 2019

Refer to the round 7 release for population figures from November 2019







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### **BACKGROUND**

Mobility tracking aims to quantify the presence and needs of internally displaced persons (IDPs), returnees and relocated individuals in displacement sites and host communities across South Sudan. The assessments are repeated at regular intervals to track mobility dynamics and needs over time. This summary presents the main findings from the multi-sectoral location assessment component of the sixth round of Mobility Tracking in South Sudan, complementing the Baseline Assessment Summary Report. Other products available on the DTM website include location-level profiles and an atlas of IDP and returnee settlements, as well as the raw datasets. As of Mobility Tracking round six, the United Nations Office for the Coordination of Humanitarian Affairs (OCHA) IDP baseline is consolidated with DTM findings. Moving forward, the two agencies will continue working together to maintain a unified baseline on IDP populations updated at regular intervals.

Data collection for Mobility Tracking Round 6 took place in June 2019, nine months after the signing of the Revitalised Agreement on the Resolution of the Conflict in the Republic of South Sudan (R-ARCSS). Whilst armed conflict has continued in certain parts of South Sudan, notably in the Greater Equatoria region, other areas of the country have faced rising instances of inter-communal and localized conflict often related to livestock and revenge raids. The lines between livestock-related conflict, other forms of communal tensions and politically motivated violence are frequently blurred (SC/13857, 25 June 2019).

The rainy season was underway in June 2019, causing flood-induced displacement as well as hindering data collection efforts.

#### **METHODOLOGY**

Mobility Tracking comprises two interrelated tools: baseline area assessments and multi-sectoral location assessments.

**Baseline area assessments** provide information on the presence of targeted populations in defined administrative sub-areas (following roughly the 10-state payam system), and capture information at the group level on population categories (IDPs, returnees, relocated) and some of their key attributes (e.g. reasons for displacement, dates of displacement/return). The baseline assessment form also comprises a list of locations (defined as villages / neighbourhoods / displacement sites) hosting displaced and / or returned populations.

**Multi-sectoral location assessments** are carried out in villages / neighbourhoods hosting IDPs and / or returnees and at displacement sites. They gather data at a more granular level and include indicators on the main humanitarian sectors such as Health, WASH, S/NFI, Protection, FSL and Education. The objective of the location level assessments is to collect key multi-sectoral indicators on the living conditions and needs of affected populations to enable partners to prioritize locations for more in-depth sector-specific assessments.

### **DEFINITIONS**

#### **IDPs**

Persons or groups of persons who have been forced or obliged to flee or to leave their homes or places of habitual residence, in particular as a result of or in order to avoid the effects of armed conflict, situations of generalized violence, violations of human rights or natural or human-made disasters, and who have not crossed an internationally recognized state border.

South Sudan: Time of arrival in assessed area considered: 2014 to June 2019

#### Returnees: internal / from abroad

Someone who was displaced from their habitual residence either within South Sudan or abroad, who has since returned to their habitual residence. Please note: the returnee category, for the purpose of DTM data collection, is restricted to individuals who returned to the exact location of their habitual residence, or an adjacent area based on a free decision. South Sudanese displaced persons having crossed the border into South Sudan from neighboring countries without having reached their home are still displaced and as such not counted in the returnee category.

South Sudan: Time of arrival in assessed area considered: 2016 to June 2019

### **KEY INFORMANTS: 5,642 INDIVIDUALS**

Information is obtained through a network of key informants, with data captured at the location level during multi-sectoral location assessments helping to improve initial estimates provided by key informants at the sub-area level. Key informants commonly comprise local authorities, community leaders, religious leaders and humanitarian partners. In Round 6, DTM enumerators consulted 5,642 key informants, including 1,649 at the sub-area level, 4,138 at the village or neighbourhood level and 196 at displacement sites. Some key informants were consulted at multiple levels. Data was triangulated with direct observation by the enumerators and subsequently verified against secondary data from partners and other DTM tools.

### **GEOGRAPHICAL SCOPE**

In Round 6, DTM accessed 2,312 locations (villages /



neighbourhoods and displacement sites) in 470 sub-areas across every county (78) in all ten states, representing a 17 per cent increase since round 5 (1,973 locations accessed). Locations are assessed upon confirmation of presence of IDPs and / or returnees.

DTM conducted multi-sectoral assessments at:

- 80% per cent of mapped villages / neighbourhoods (1,776/ 2,212).
- 84% per cent of mapped displacement sites (84 / 100).

The settlements included in the multi-sectoral location assessment were estimated to host 1,303,036 IDPs (89% of 1,465,542 IDPs estimated in the Baseline) and 1,122,070 returnees (88% of 1,271,487 returnees estimated in the Baseline).

### **LEVEL OF ANALYSIS**

Since the assessments are carried out at the location level on the basis of key informant interviews and direct observation, they provide general estimates for the population of concern without accounting for household-specific variations.

For example, we can say that X per cent of the IDP population in a given state lives in settlements where the main water source is within 20 minutes walking distance. This is a description of the general situation for the majority of the assessed population in the settlement, however one needs to keep in mind that individual households live at different distances from the water source.

This report combines population estimates for IDPs and returnees with selected sectoral indicators to provide state- and county-level overviews of needs and their evolution since Round 5 (March 2019). Comparisons with Round 5 are based only on locations assessed in

both rounds. Needs are also compared across three analytical dimensions: i) settlement type (IDPs only), host community or camp / camp-like setting; ii) settlement size, based on the number of IDPs or returnees; and iii) settlement urban/peri-urban or rural location based on the Global Human Settlement Layer (GHSL)¹.

## DISTRIBUTION OF IDPS AND RETURNEES BY SETTLEMENT TYPE

While the majority of IDPs live in host-community settings, 29.5 per cent (or 431,873 individuals) live in camps and camp-like settings. [F30, F32]

Both IDPs and returnees tend to be concentrated in large settlements. 68.5 per cent of IDPs live in large settlements hosting over 1,000 IDPs (95.9% of the IDPs living in camps and 57.1% of those living in host

1 The GHSL is provided by the European Commission's Joint Research Centre in collaboration with the OECD and the World Bank.

community settlements), compared to 64.2 per cent of returnees (68.4% of returnees from abroad and 62.4% of returnees from within South Sudan). [F30, F32, F34, F36]

While most IDPs and returnees live in large settlements, 83.1 per cent of locations hosting IDPs and 84.1 per cent of locations hosting returnees are medium (301-1,000 IDPs / returnees) or small (1-300 IDPs / returnees). [F29, F31, F33, F35]

Based on a spatial overlay with JRC's GHSL, 88.2 per cent of IDPs (or 1,293,941 individuals) and 82.9% of returnees (or 1,053,662 individuals) live in rural areas. There are no large differences in the urban / rural distribution between IDPs living in camps and host communities, or between returnees from South Sudan and abroad. [F37-F42]

### REPRESENTING NEEDS AND CHANGE

Different indicators can affect the way in which needs are compared geographically and over time.

While the number of individuals living in affected settlements in a certain region of the country links most directly with operational planning, it tends to downplay severe needs in smaller or less populous areas in favour of larger ones. As a result, prevalence is used at the state-level and accompanies absolute figures in the county-level section.

When looking at change over time, starting levels and population inflows / outflows affect indicators in different ways. Percentage change in the number of

individuals living in affected settlements is unbounded and tends to overstate change in less populous areas or ones that performed better in Round 5, since these had fewer individuals living in affected settlements.

This report uses the change in the proportion of individuals living in affected settlements – or change in prevalence – at the state level and the change in the number of individuals living in affected settlements at the county level. Change in prevalence is not sensitive to population inflows / outflows that maintain the same distribution of individuals across affected and better-performing settlements, and is less affected by the state's initial population and needs situation, helping to highlight underlying sectoral changes.

### **KEY INSIGHTS**

Click on the links to see the figures. Change relative to Round 5 (March 2019) is calculated for locations assessed in both rounds only.

#### **SNFI**

- 1. Relative to the subset of locations for which a damage ratio could be computed<sup>1</sup>, 22.6 per cent of IDPs and 35.8 per cent of returnees live in settlements with over 50 per cent of collapsed shelters or shelters in danger of collapse. Jonglei is the most affected state (24.9% of IDPs/returnees living in affected settlements, or 83,085 individuals), followed by Upper Nile (17.3% of IDPs/returnees, or 44,344 individuals). [F1-F2]
- 2. At the county level, in Yirol East (Lakes), Bor South (Jonglei), Melut and Ulang (Upper Nile) over forty per cent of IDPs and at least 5,000 individuals live in settlements where the majority of shelters is collapsed or in danger of collapse. The same applies to returnees in Nagero (Western Equatoria) and Ayod (Jonglei). [F5-F8]
- 3. Overall, 38.6 per cent of IDPs and 43.0 per cent of returnees live in settlements without access to a local market selling NFIs.
- 4. The proportion of IDPs living in settlements without access to a local market selling NFIs is highest in Jonglei (63.2%, or 102,010 individuals), Eastern Equatoria (51.8%, or 30,753 individuals) and Central Equatoria (49.8%, or 96,801 individuals). Among returnees, the proportion living in settlements without access is highest in Lakes (78.0%, or 74,168 individuals), Unity (54.8%,

- or 55,848 individuals) and Upper Nile (50.6%, or 59,980 individuals). Western Bahr El Ghazal and all of the above states with the exception of Eastern Equatoria each host over 100,000 IDPs/returnees living in settlements without access to a local NFI market. [F3-F4, F9-F12]
- 5. The proportion of returnees in rural settlements without access to NFI markets is significantly higher than in urban/peri-urban settlements (48.5% against 18.5%). While a similar pattern applies to IDPs, the difference between the two is much smaller (39.4% against 32.7%). Large IDP camps fare better than smaller ones and host-community settings on both indicators, while larger returnee settlements fare better than smaller ones. [F21-F28]
- 6. Among locations for which a damage ratio could be computed in both round 5 and round 6², there was an overall increase in the proportion of IDPs (+10.9 p.p.) and returnees (+17.2 p.p.) living in settlements with over 50 per cent of collapsed shelters or shelters in danger of collapse. The change was driven by Jonglei (+40.3 p.p. for IDPs and +60.1 p.p. for returnees), with other significant increases in Lakes, Upper Nile, Western Bahr El Ghazal and Central Equatoria. [F13-F14, F17-F18]
- 7. The proportion of IDP and returnees living in settlements without access to a local NFI market increased significantly in Northern Bahr El Ghazal

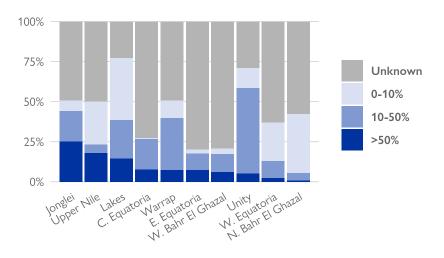
(+12.5 p.p., or +13,780 individuals), Lakes (+12.3 p.p., or +36,089 individuals), Western Bahr El Ghazal (+9.6 p.p., or +25,370 individuals) and Jonglei (+9.3 p.p., or +19,211 individuals). [F15-F16, F19-F20]

Data on the number of damaged, destroyed and total shelters was available in Round 6 for 596 IDP settlements, accounting for 48.0 per cent of the total assessed IDP population, and 581 returnee settlements, accounting for 32.1 per cent of returnees.

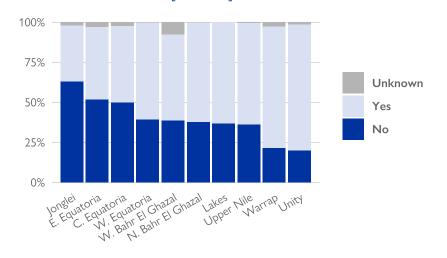
<sup>2</sup> Data on the number of damaged, destroyed and total shelters was available in both rounds for 247 IDP and 246 returnee settlements.

### STATE-LEVEL NEEDS OVERVIEW: SNFI

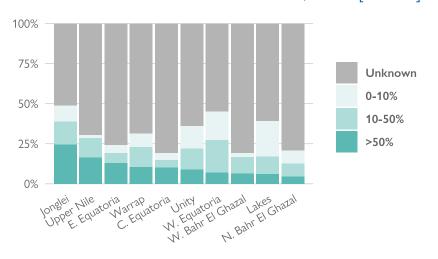
F1. % IDP population living in IDP settlements with given proportion of collapsed shelters or shelters in danger of collapse, by state [n = 1860]



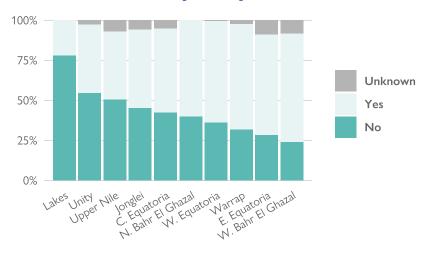
F3. % IDP population living in IDP settlements with access to a local market selling NFIs, by state [N = 1860]



F2. % returnee population living in returnee settlements with given proportion of collapsed shelters or shelters in danger of collapse, by state [n = 1860]



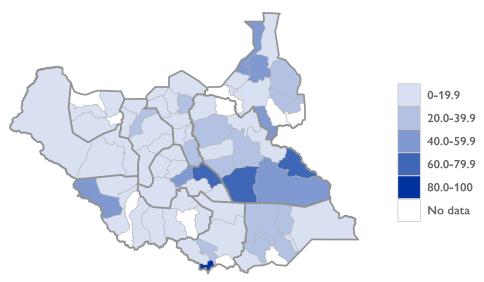
F4. % returnee population living in returnee settlements with access to a local market selling NFIs, by state [n = 1860]



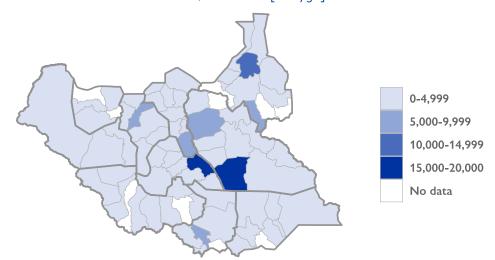
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### **COUNTY-LEVEL NEEDS OVERVIEW: SNFI**

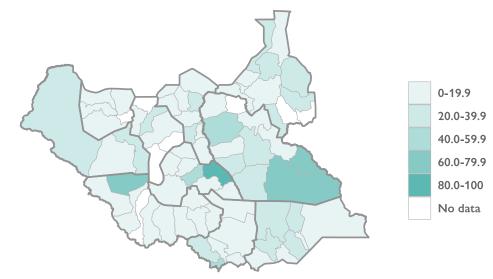
F5. % IDP population living in IDP settlements with over 50% of collapsed shelters or shelters in danger of collapse, by county [N = 732]



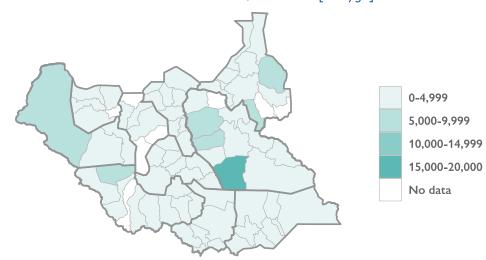
F7. Number of IDPs living in IDP settlements with over 50% of collapsed shelters or shelters in danger of collapse, by county [N = 732]



F6. % returnee population living in returnee settlements with over 50% of collapsed shelters or shelters in danger of collapse, by county [N = 732]



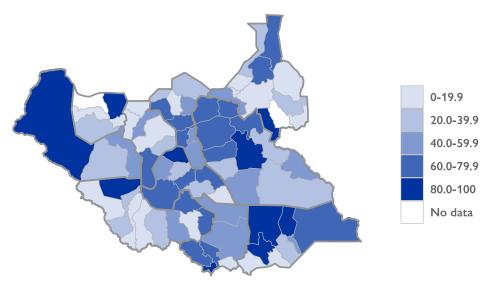
F8. Number of returnees living in returnee settlements with over 50% of collapsed shelters or shelters in danger of collapse, by county [n = 732]



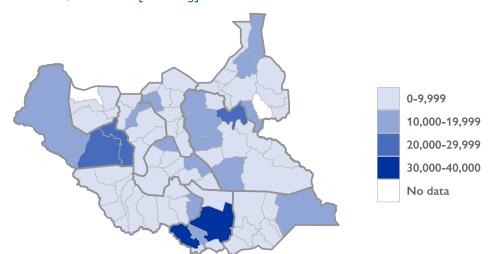
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### **COUNTY-LEVEL NEEDS OVERVIEW: SNFI**

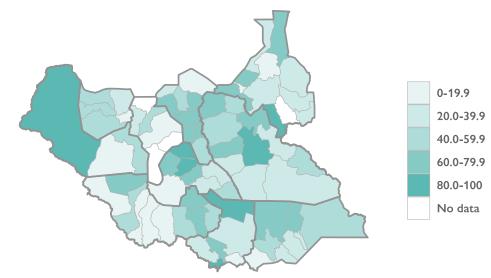
F9. % IDP population living in IDP settlements without access to a local market selling NFIs, by county [N = 1813]



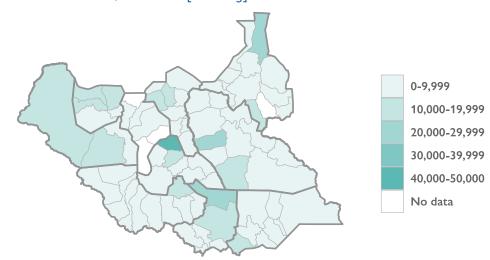
F11. Number of IDPs living in IDP settlements without access to a local market selling NFIs, by county [N = 1813]



F10. % returnee population living in returnee settlements without access to a local market selling NFIs, by county [N = 1813]



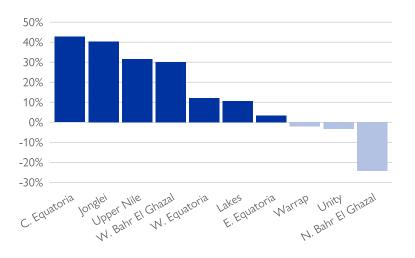
F12. Number of returnees living in returnee settlements without access to a local market selling NFIs, by county [N = 1813]



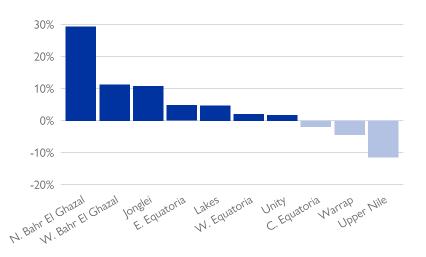
### Site and Village / Neighbourhood Assessments Report: SNFI

### STATE-LEVEL CHANGE BETWEEN ROUNDS 5 AND 6: SNFI

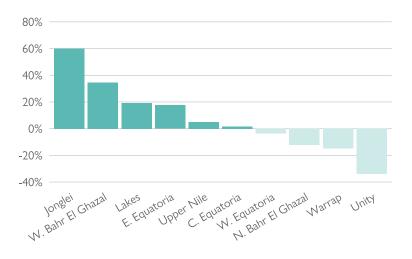
F13. Change in share of IDPs living in IDP settlements with over 50% of collapsed shelters or shelters in danger of collapse, by state [N = 700]



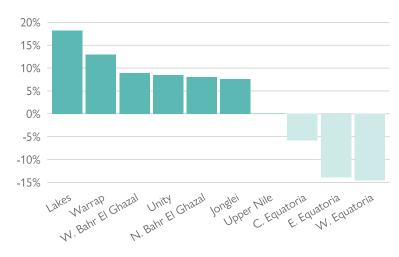
F15. Change in share of IDPs living in IDP settlements without access to a local market selling NFIs, by state [N = 1318]



F14. Change in share of returnees living in returnee settlements with over 50% of collapsed shelters or shelters in danger of collapse, by state [n = 300]

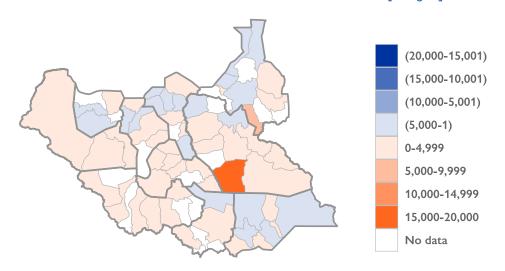


F16. Change in share of returnees living in returnee settlements without access to a local market selling NFIs, by state [n = 1318]

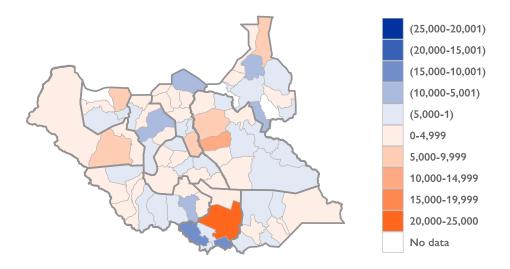


### **COUNTY-LEVEL CHANGE BETWEEN ROUNDS 5 AND 6: SNFI**

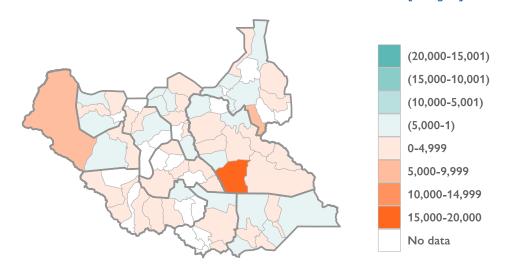
F17. Change in number of IDPs living in IDP settlements with over 50% of collapsed shelters or shelters in danger of collapse, by county [n = 300]



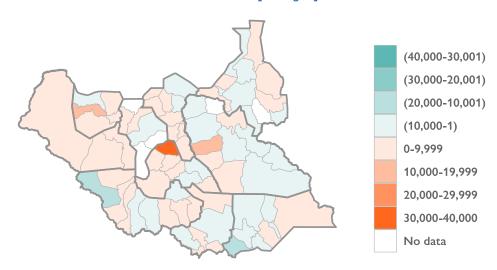
F19. Change in number of IDPs living in IDP settlements without access to a local market selling NFIs, by county [N = 1318]



F18. Change in number of returnees living in returnee settlements with over 50% of collapsed shelters or shelters in danger of collapse, by county [n = 300]



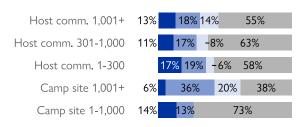
F20. Change in number of returnees living in returnee settlements without access to a local market selling NFIs, by county [N = 1718]

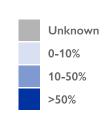


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### SNFI INDICATORS BY SETTLEMENT TYPE AND SIZE

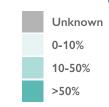
F21. % IDP population living in IDP settlements with given proportion of collapsed shelters / shelters in danger of collapse, by settlement type and size [n = 1860]



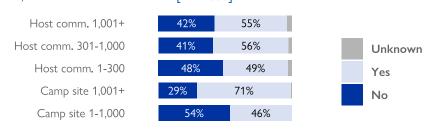


F23. % returnee population living in returnee settlements with given proportion of collapsed shelters / shelters in danger of collapse, by settlement type and size [n = 1860]

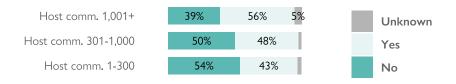




## F22. % IDP population living in IDP settlements with access to a local market selling NFIs. By settlement type and size [n = 1860]

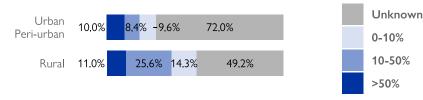


F24. % returnee population living in returnee settlements with access to a local market selling NFIs, by settlement type and size [N = 1860]

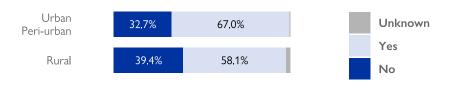


### SNFI INDICATORS BY GHSL URBAN CLASS

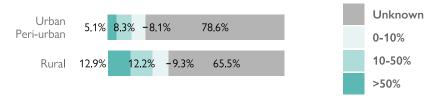
F25. % IDP population living in IDP settlements with given proportion of collapsed shelters / shelters in danger of collapse, by GHSL urban classification [n = 1860]



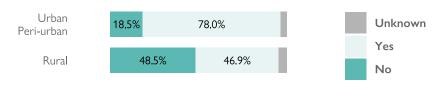
F26. % IDP population living in IDP settlements with access to a local market selling NFIs, by GHSL urban classification [n = 1860]



F27. % returnee population living in returnee settlements with given proportion of collapsed shelters / shelters in danger of collapse, by GHSL urban classification [n = 1860]



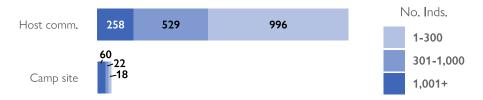
F28. % returnee population living in returnee settlements with access to a local market selling NFIs, by GHSL urban classification [n = 1860]



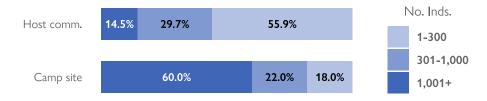
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#### DISTRIBUTION OF IDPS / RETURNEES LIVING IN ASSESSED LOCATIONS BY TYPE AND SIZE OF SETTLEMENT

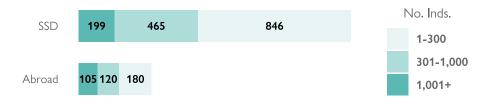
### F29. Number of assessed IDP locations by type and size of settlement [N = 2,312]



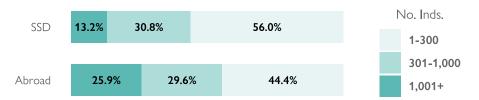
### F31. % of assessed IDP locations of given size by settlement type [N = 2,312]



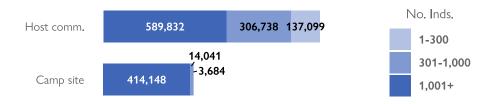
## F33. Number of assessed returnee locations by size of settlement and place of displacement of the majority [N = 2,312]



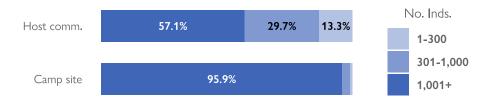
## F35. % of assessed returnee locations of given size by place of displacement of the majority [N = 2,312]



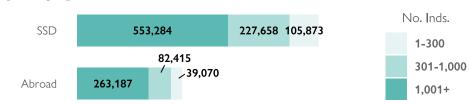
### F30. Number of IDPs by type and size of settlement [N = 2,712]



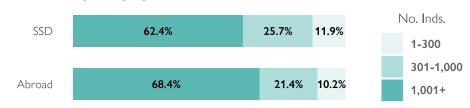
## F32. % OF IDPs LIVING IN IDP SETTLEMENTS OF GIVEN SIZE BY SETTLEMENT TYPE [N = 2,312]



## F34. Number of returnees by size of settlement and place of displacement [N = 2,312]

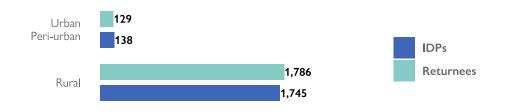


## F36. % of returnees living in returnee settlements of given size by place of displacement [N = 2,312]

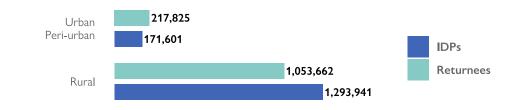


### DISTRIBUTION OF IDPS / RETURNEES LIVING IN ASSESSED LOCATIONS BY GHSL URBAN CLASS

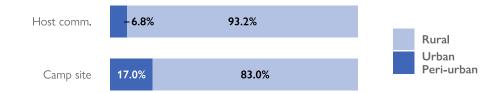
### F37. Number of assessed IDP / returnee locations by GHSL urban class [N = 2,312]



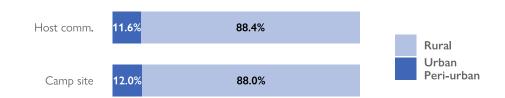
F38. Number of IDPs / returnees by GHSL urban class [N = 2,312]



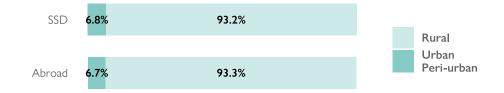
F39. % of assessed IDP locations by GHSL urban class [N = 2,312]



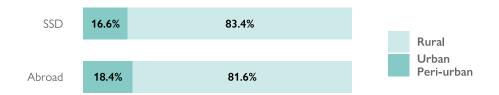
F40. % OF IDPs BY GHSL URBAN CLASS [N = 2,712]



F41. % of assessed returnee locations by GHSL urban class [N = 2,312]



F42. % OF RETURNEES BY GHSL URBAN CLASS [N = 2,312]



Notes: [1] These figures include all 2,312 settlements covered in Round 5 of the Baseline assessement, including 452 for which the multi-sectoral component is not available.



### **MOBILITY TRACKING PRODUCTS**

The Baseline Assessment Summary Report presents an overview of identified IDP and returnee populations in South Sudan, with key characteristics such as time of arrival, reason for displacement and type of displacement setting (IDPs) or current housing status (returnees). It contains links to state-level maps of assessed locations and other thematic maps.

The Site and Village / Neighbourhood Profies contain a two-page dashboard for each assessed settlement displaying the full range of collected indicators. They aim to provide in-depth location-level information to partners planning operations in specific areas.

The datasets contain the raw data used for DTM reports and allow users to carry out their own analysis. A limited amount of sensitive data, including additional protection and vulnerabilities indicators, is available upon request.

### **ROUND 6 DATASETS**

Baseline Sub-Area Dataset

Baseline Location Dataset

Site Assessment Dataset

<u>Village / Neighbourhood Assessment Dataset</u>

#### **ROUND 6 REPORTS**

### Baseline Assessment Summary Report

Site and Village / Neighbourhood Assessment Reports

- 1. WASH I (Water)
- 2. WASH II (Hygiene)
- 3. WASH III (GBV Risk)
- 4. Protection
- 5. SNFI
- 6. Food Security
- 7. Health
- 8. Education

### Site Assessment Profiles

Village / Neighbourhood Assessment Profiles

- 1. Central Equatoria
- 2. Eastern Equatoria I / Budi Kapoeta South
- 3. Eastern Equatoria II / Lafon Torit
- 4. longlei I / Akobo Duk
- 5. <u>Jonglei II / Fangak Pibor</u>
- 6. <u>Jonglei III / Pochalla Uror</u>
- 7. Lakes I / Awerial Rumbek East
- 8. Lakes II / Rumbek North Yirol West
- 9. Northern Bahr El Ghazal
- 10. Unity I / Abiemnhom Guit
- 11. Unity II / Koch
- 12. Unity III / Leer
- 13. Unity IV / Mayendit

- 14. Unity V / Mayom
- 15. Unity VI / Panyijar Pariang
- 16. Unity VII / Rubkona
- 17. Upper Nile I / Baliet Maiwut
- 18. <u>Upper Nile II / Malakal Ulang</u>
- 19. Warrap I / Gogrial East Gogrial West
- 20. Warrap II / Tonj East Twic
- 21. Western Bahr El Ghazal I / Jur River
- 22. Western Bahr El Ghazal II / Raja
- 23. Western Bahr El Ghazal III / Wau
- 24. Western Equatoria I / Ezo Mundri East
- 25. <u>Western Equatoria II / Mundri West Yambio</u>