

Site and Village / Neighbourhood Assessments Report

Health

Data collection June 2019

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









TABLE OF CONTENTS

BACKGROUND	4
METHODOLOGY	4
DEFINITIONS	4
KEY INFORMANTS: 5,642 INDIVIDUALS	4
GEOGRAPHICAL SCOPE	4
LEVEL OF ANALYSIS	5
DISTRIBUTION OF IDPS AND RETURNEES BY SETTLEMENT TYPE	5
REPRESENTING NEEDS AND CHANGE	5
HEALTH KEY INSIGHTS	6
STATE-LEVEL NEEDS OVERVIEW: HEALTH	7
F1. % IDP population living in IDP settlements with access to health care, by state [n = 1860]	
COUNTY-LEVEL NEEDS OVERVIEW: HEALTH	8
F5. % IDP population living in IDP settlements without access to health care, by county [n = 1835]	8 8
COUNTY-LEVEL NEEDS OVERVIEW: HEALTH	9
F9. % IDP population living in IDP settlements without health facility or with the closest health facility >3km off-site*, by county [n = 1781]	9 9
STATE-LEVEL CHANGE BETWEEN ROUNDS 5 AND 6: HEALTH	10
F13. Change in share of IDPs living in IDP settlements without access to health care, by state [n = 1356]	10 10
F16. Change in share of returnees living in returnee settlements without health facility or with the closest health facility >3km off-site*, by state [n = 1302]	10



COUNTY-LEVEL CHANGE BETWEEN ROUNDS 5 AND 6: HEALTH	11
F17. Change in number of IDPs living in IDP settlements without access to health care, by county [n = 1356]	11
F18. Change in number of returnees living in returnee settlements without access to health care, by county [n = 1356][n = 1356]	11
F19. Change in number of IDPs living in IDP settlements without health facility or with the closest health facility >3km off-site*, by county [n = 1302][n = 1302]	
F20. Change in number of returnees living in returnee settlements without health facility or with the closest health facility >3km off-site*, by county [n = 1302][n = 1302]	
HEALTH INDICATORS BY SETTLEMENT TYPE AND SIZE	12
F21. % IDP population living in IDP settlements with access to health care, by settlement type and size [n = 1860]	
F22. % IDP population living in IDP settlements at given distance from health facilities / services*, by settlement type and size [n = 1860]	12
F23. % returnee population living in returnee settlements with access to health care, by settlement type and size [n = 1860]	12
F24. % returnee population living in returnee settlements at given distance from health facilities / services*, by settlement type and size [n = 1860]	
HEALTH INDICATORS BY GHSL URBAN CLASS	
F25. % IDP population living in IDP settlements with access to health care, by GHSL urban classification [n = 1860]	
F26. % IDP population living in IDP settlements at given distance from health facilities / services*, by GHSL urban classification [n = 1860]	12
F27. % returnee population living in returnee settlements with access to health care, by GHSL urban classification [n = 1860]	
F28. % returnee population living in returnee settlements at given distance from health facilities / services*, by GHSL urban classification [n = 1860]	12
DISTRIBUTION OF IDPS / RETURNEES LIVING IN ASSESSED LOCATIONS BY TYPE AND SIZE OF SETTLEMENT	13
F29. Number of assessed IDP locations by type and size of settlement [n = 2,312]	13
F30. Number of IDPs by type and size of settlement [n = 2,312]	
F31. % of assessed IDP locations of given size by settlement type [n = 2,312]	13
F32. % of IDPs living in IDP settlements of given size by settlement type [n = 2,312]	13
F33. Number of assessed returnee locations by size of settlement and place of displacement of the majority [n = 2,312]	
F34. Number of returnees by size of settlement and place of displacement [n = 2,312]	
F35. % of assessed returnee locations of given size by place of displacement of the majority [n = 2,312]	
F36. % of returnees living in returnee settlements of given size by place of displacement [n = 2,312]	13
DISTRIBUTION OF IDPS / RETURNEES LIVING IN ASSESSED LOCATIONS BY GHSL URBAN CLASS	14
F37. Number of assessed IDP / returnee locations by GHSL urban class [n = 2,312]	14
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 = 2,312]	
F41. % of assessed returnee locations by GHSL urban class [n = 2,312]	
F42. % of returnees by GHSL urban class [n = 2,312]	14
MOBILITY TRACKING PRODUCTS	15
ROUND 6 REPORTS	15
ROUND 6 DATASETS	15



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.

HEALTH

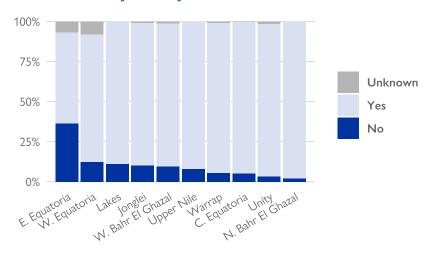
- 1. 8.8 per cent of IDPs and 13.9 per cent of returnees live in settlements with no access to health care.
- 2. The worst affected states are Eastern Equatoria (36.5% of IDPs, or 21,641 individuals, living in settlements without access) for IDPs, and Central Equatoria (33.5% of returnees, or 41,091 individuals) and Unity (21.1% of returnees, or 21,470 individuals) for returnees. Central Equatoria, Western Bahr El Ghazal, Jonglei and Upper Nile each host over thirty thousand IDPs / returnees living in settlements without access to health care. [F1-F2]
- 3. At the county level, lack of access to healthcare is highest for IDPs in Kapoeta East, Eastern Equatoria (89.1% of IDPs, or 18,209 individuals, living in settlements without access), and Rumbek North, Lakes (69.0% of IDPs, or 8,199 individuals). For returnees, it is highest in Terekeka (69.3% of returnees, or 18,529 individuals, living in settlements without access) and Kajo-Keji (66.4% of returnees, or 13,949 individuals) in Central Equatoria, and in Rubkona in Unity (49.3% of returnees, or 10,225 individuals). [F5-F8]
- 4. 22.3 per cent of IDPs and 29.4 per cent of returnees live in settlements that do not have onsite health facilities / services and are further than three kilometers away from the closest off-site health service provider.
- 5. Lakes (54.9% of IDPs, or 85,345 individuals) and Easter Equatoria (47.5%, or 28,221 individuals)

- have the highest proportions of IDPs living far from health care facilities, while the proportion of returnees is highest in Lakes (65.7% of returnees, or 62,450 individuals), Warrap (45.9%, or 11,705 individuals) and Central Equatoria (35.5%, or 43,476 individuals). Jonglei and Western Bahr El Ghazal, while faring better in relative terms, both host high numbers of IDPS/returnees respectively 75,134 and 66,989 individuals living in settlements located far from health facilities. [F3-F4, F9-F12]
- 6. Large IDP camps fare better in terms of access to healthcare than smaller camps and host-community settings. The proportion of IDPs/returnees living in settlements located far from health facilities is higher in rural areas. While there is also a difference in access to healthcare between urban and rural settlements, this is not as large. [F21-F28]
- 7. The share of returnees living in settlements without access to health care increased by 30.7 p.p. (+33,633 individuals) in Central Equatoria and 12.4 p.p. (+17,116 individuals) in Western Bahr El Ghazal. The situation for IDPs remained more stable, with the largest increase in Western Bahr El Ghazal (+5.4 p.p., or +6,146 IDPs). [F13-F14, F17-F18]
- 8. The proportion of returnees living in settlements located further than three kilometers away from the closest off-site health service provider increased most notably in Lakes (+38.8 p.p., or +44,511 individuals) and Central Equatoria (+22.3

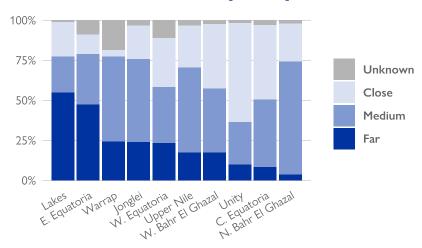
p.p., or +26,189 individuals). For IDPs, the main increases were in Eastern Equatoria (+12.0 p.p., or +2,147 individuals) — which however affected relatively few individuals given a comparatively low baseline in round 5 — and Warrap (+8.0 p.p., or +10,249 individuals). [F15-F16, F19-F20]

STATE-LEVEL NEEDS OVERVIEW: HEALTH

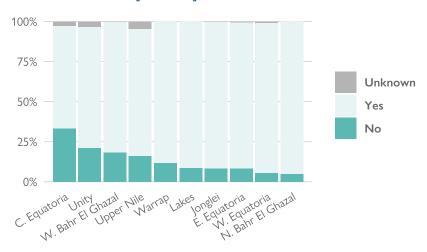
F1. % IDP population living in IDP settlements with access to health care, by state [N = 1860]



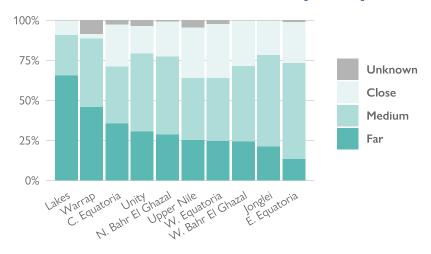
F3. % IDP population living in IDP settlements at given distance from health facilities / services, by state [N = 1860]



F2. % returnee population living in returnee settlements with access to health care, by state [n = 1860]



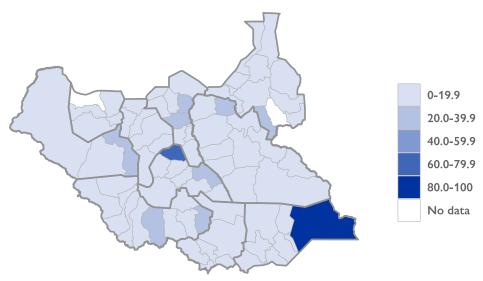
F4. % returnee population living in returnee settlements at given distance from health facilities / services, by state [n = 1860]



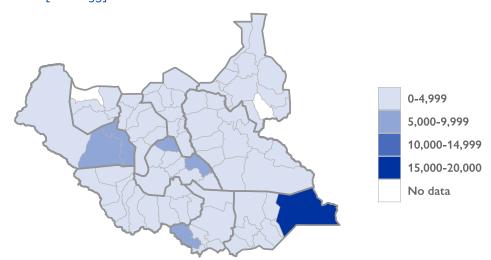
Site and Village / Neighbourhood Assessments Report: HEALTH

COUNTY-LEVEL NEEDS OVERVIEW: HEALTH

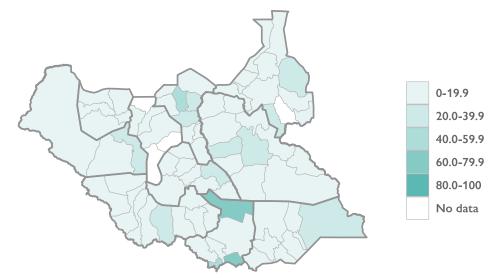
F5. % IDP population living in IDP settlements without access to health care, by county [N = 1835]



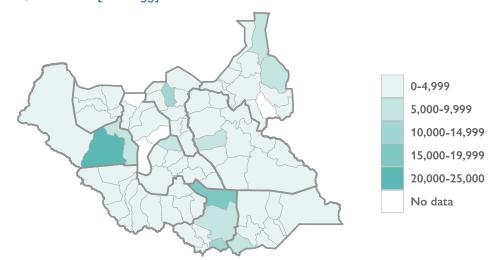
F7. Number of IDPs living in IDP settlements without access to health care, by county [N = 1835]



F6. % returnee population living in returnee settlements without access to health care, by county [n = 1835]



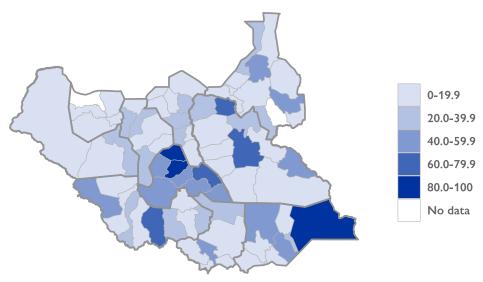
F8. Number of returnees living in returnee settlements without access to health care, by county [n = 1875]



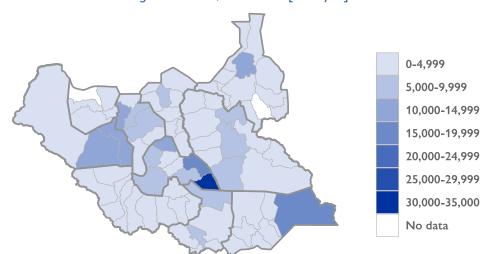
Site and Village / Neighbourhood Assessments Report: HEALTH

COUNTY-LEVEL NEEDS OVERVIEW: HEALTH

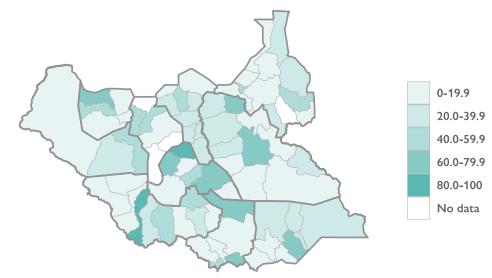
F9. % IDP population living in IDP settlements without health facility or with the closest health facility >3km off-site*, by county [n = 1781]



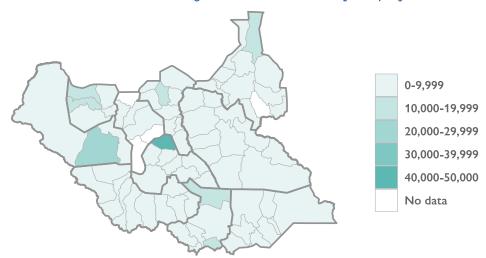
F11. Number of IDPs living in IDP settlements without health facility or with the closest health facility >3km off-site*, by county [N = 1781]



F10. % returnee population living in returnee settlements without health facility or with the closest health facility >3km off-site*, by county [n = 1781]



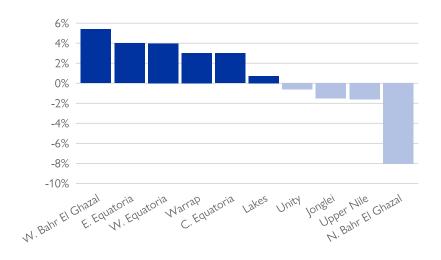
F12. Number of returnees living in returnee settlements without health facility or with the closest health facility >3km off-site*, by county [n = 1781]



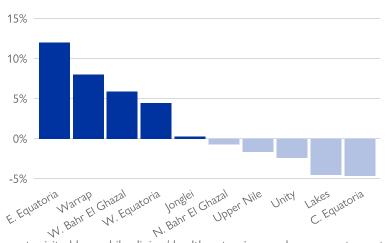
^{*} Settlements visited by mobile clinics / health extension workers are not counted among those >3km off-site from the closest health facility.

STATE-LEVEL CHANGE BETWEEN ROUNDS 5 AND 6: HEALTH

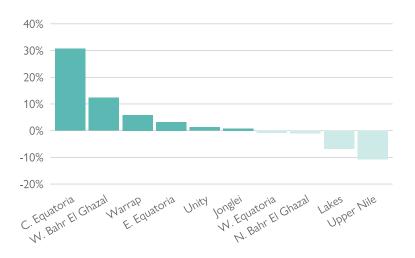
F13. Change in share of IDPs living in IDP settlements without access to health care, by state [n = 1356]



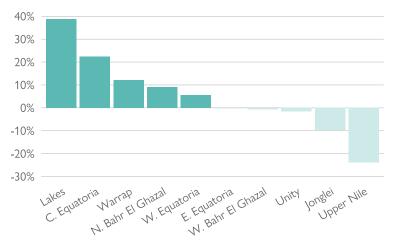
F15. Change in share of IDPs living in IDP settlements without health facility or with the closest health facility >3km off-site*, by state [N = 1302]



F14. Change in share of returnees living in returnee settlements without access to health care, by state [n = 1356]



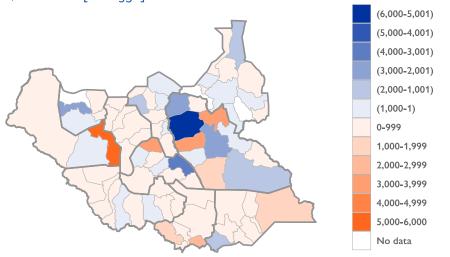
F16. Change in share of returnees living in returnee settlements without health facility or with the closest health facility >3km off-site*, by state [n = 1302]



^{*} Settlements visited by mobile clinics / health extension workers are not counted among those >3km off-site from the closest health facility.

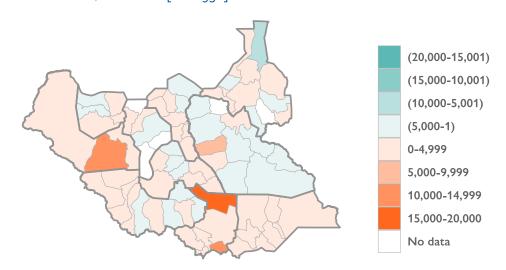
COUNTY-LEVEL CHANGE BETWEEN ROUNDS 5 AND 6: HEALTH

F17. Change in number of IDPs living in IDP settlements without access to health CARE, BY COUNTY [N = 1356]

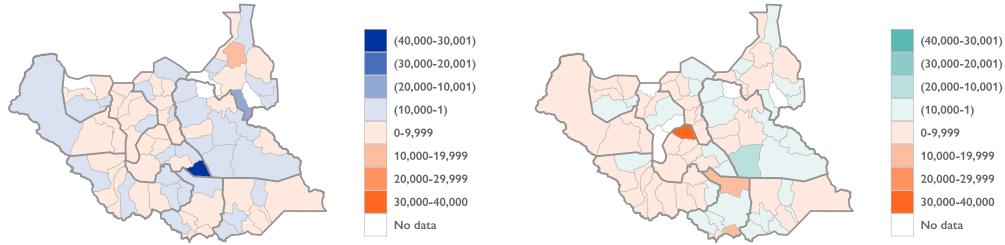


F19. Change in number of IDPs living in IDP settlements without health facility OR WITH THE CLOSEST HEALTH FACILITY > 7KM OFF-SITE*, BY COUNTY [N = 1302]

F18. Change in number of returnees living in returnee settlements without access TO HEALTH CARE, BY COUNTY [N = 1356]



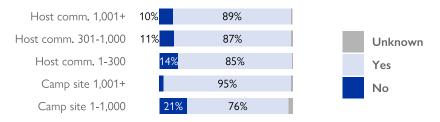
F20. Change in number of returnees living in returnee settlements without health FACILITY OR WITH THE CLOSEST HEALTH FACILITY > 7KM OFF-SITE*, BY COUNTY [N = 1302]



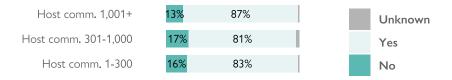
^{*} Settlements visited by mobile clinics / health extension workers are not counted among those >3km off-site from the closest health facility.

HEALTH INDICATORS BY SETTLEMENT TYPE AND SIZE

F21. % IDP population living in IDP settlements with access to health care, by settlement type and size [n = 1860]

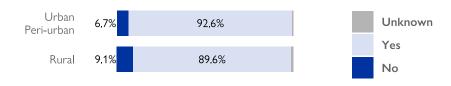


F23. % returnee population living in returnee settlements with access to health care, by settlement type and size [n = 1860]

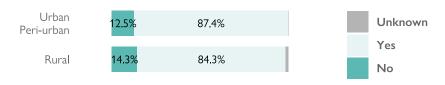


HEALTH INDICATORS BY GHSL URBAN CLASS

F25. % IDP population living in IDP settlements with access to health care, by GHSL urban classification [n = 1860]



F27. % returnee population living in returnee settlements with access to health care, by GHSL urban classification [n = 1860]



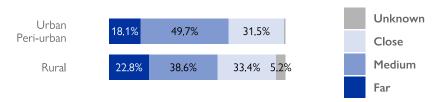
F22. % IDP population living in IDP settlements at given distance from health facilities / services*. By settlement type and size [n = 1860]



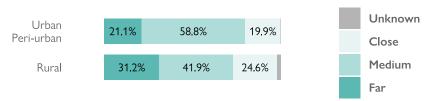
F24. % returnee population living in returnee settlements at given distance from health facilities / services * , by settlement type and size [n = 1860]



F26. % IDP population living in IDP settlements at given distance from health facilities / $SERVICES^*$, by GHSL urban classification [N = 1860]

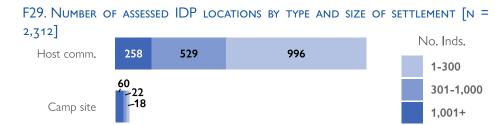


F28. % returnee population living in returnee settlements at given distance from health facilities / services * , by GHSL urban classification [n = 1860]

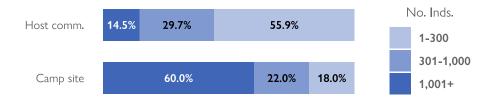


Site and Village / Neighbourhood Assessments Report: HEALTH

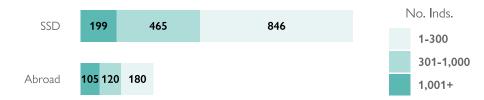
DISTRIBUTION OF IDPS / RETURNEES LIVING IN ASSESSED LOCATIONS BY TYPE AND SIZE OF SETTLEMENT



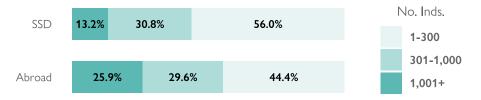
F31. % of assessed IDP locations of given size by settlement type [N = 2,312]



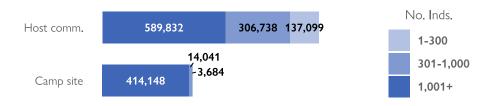
F33. Number of assessed returnee locations by size of settlement and place of displacement of the majority [N = 2,312]



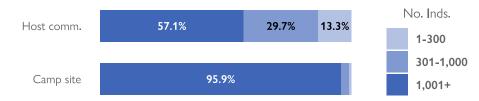
F35. % of assessed returnee locations of given size by place of displacement of the majority [N = 2,312]



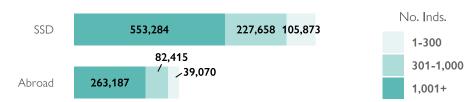
F30. Number of IDPs by type and size of settlement [N = 2,712]



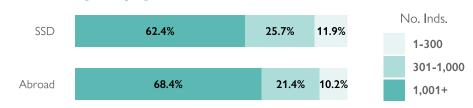
F32. % OF IDPs LIVING IN IDP SETTLEMENTS OF GIVEN SIZE BY SETTLEMENT TYPE [N = 2,312]



F34. Number of returnees by size of settlement and place of displacement [N = 2,712]

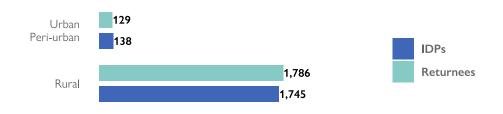


F36. % of returnees living in returnee settlements of given size by place of displacement [N = 2,312]

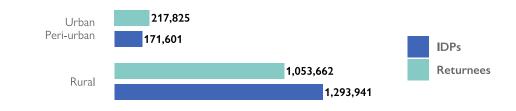


DISTRIBUTION OF IDPS / RETURNEES LIVING IN ASSESSED LOCATIONS1 BY GHSL URBAN CLASS

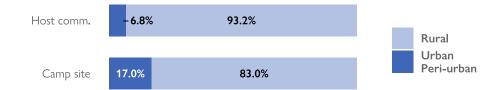
F37. Number of assessed IDP / returnee locations by GHSL urban class [N = 2,312]



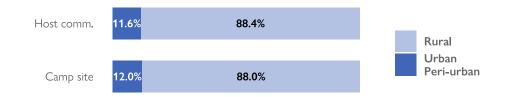
F38. Number of IDPs / returnees by GHSL urban class [N = 2,312]



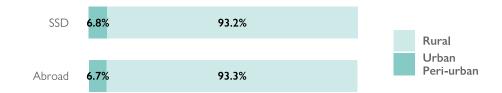
F39. % of assessed IDP locations by GHSL urban class [N = 2,712]



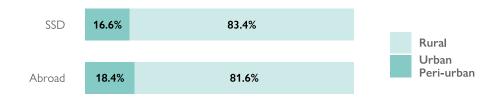
F40. % OF IDPs by GHSL urban class [N = 2,312]



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. <u>Eastern Equatoria II / Lafon Torit</u>
- 4. Jonglei 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. <u>Western Equatoria I / Ezo Mundri East</u>
- 25. <u>Western Equatoria II / Mundri West Yambio</u>