|  |  |
| --- | --- |
| **Research Terms of Reference**  **Assessment of Hard to Reach Areas**  **Research Cycle ID: SSD1701a**  **South Sudan** | |
| **February 2018**  **Version 2.0** | **C:\Users\Megan\AppData\Local\Microsoft\Windows\INetCache\Content.Word\REACH logo white (for a coloured background).jpg** |

# Executive Summary

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Country of intervention** | *South Sudan* | | | | | | | |
| **Type of Emergency** | □ | Natural disaster | X | Conflict | | | | | |
| **Type of Crisis** | □ | Sudden onset | □ | Slow onset | | | X | Protracted | |
| **Mandating Body/ Agency** | *OCHA, national and state-level Inter Cluster Working Group (ICWG), clusters and working groups* | | | | | | | |
| **Project Code** | *32DAF (32iAED), 32DDM (32iAEK)* | | | | | | | |
| **Research Timeframe** | 1. Start collect data: 05/03/2018 | | | | 4. Data sent for validation: 30/03/2018 | | | |
| *Add planned deadlines (for first cycle if more than 1)* | 2. Data collected: 23/03/2018 | | | | 5. Outputs sent for validation: 11/04/2018 | | | |
| 3. Data analysed: 30/03/2018 | | | | 6. Outputs published: 21/04/2018 | | | |
| **Number of assessments** | □ | Single assessment (one cycle) | | | X | Multi assessment (more than one cycle) | | |
| **Humanitarian milestones**  *Specify* ***what*** *will the assessment inform and* ***when***  *e.g. The shelter cluster will use this data to draft its Revised Flash Appeal;* | **Milestone** | | | | **Deadline** | | | |
| X | OCHA HNO & HRP | | | *REACH will ensure AoK data informs the 2019 South Sudan Humanitarian Needs Overview and Humanitarian Response Plan.* | | | |
| X | Inter Cluster Working Group | | | *REACH has weekly presence in meetings and monthly presentations to share monthly trends; further, REACH AoK data informs inter-cluster prioritization of response locations, with monthly AoK data used in bi-weekly ICWG prioritization matrix* | | | |
| X | Donor Working Group | | | *Ad hoc presentations, as requested by donors or clusters, to present REACH trends on strategic topics* | | | |
| X | IPC Updates | | | *REACH through participation in IPC technical working group, bi-annual IPC analysis workshops and FSL WASH/Nutrition/health analysis working group will provide timely updates and participation in analysis to identify areas with highest levels / highest risk levels of severe/extreme food insecurity* | | | |
| X | NGO Coordination forum | | | *REACH will seek to present findings on a monthly basis to ensure findings feed into more operational decisions* | | | |
| **Audience Type & Dissemination** *Specify* ***who*** *will the assessment inform and* ***how*** *you will disseminate to inform the audience* | **Audience type** | | | | **Dissemination** | | | |
| x Strategic  x Programmatic  x Operational  □ Other (specify): | | | | x General Product Mailing (e.g. mail to NGO consortium; HCT participants; Donors)  x Cluster Mailing (Education, Shelter and WASH) and presentation of findings at next cluster meeting  x Presentation of findings (e.g. at HCT meeting; Cluster meeting)  x Website Dissemination (Relief Web & REACH Resource Centre)  x AO sharing of settlement level data at the sub-national coordination fora | | | |
| **Detailed dissemination plan required** | X | Yes | | | □ | No | | |
| **M&E Matrix required** | X | Yes | | | □ | No | | |
| **General Objective** | To assist humanitarian actors in making more informed decision about the scale, scope and location of the humanitarian response through providing detailed information and longitudinal analysis on humanitarian needs, displacement dynamics, and service access in hard-to-reach areas in South Sudan. | | | | | | | |
| **Specific Objective(s)** | 1. To identify cross-sectoral needs and vulnerabilities of IDP and host community populations in hard-to-reach areas.  2. To provide up-to-date information on service provision and access in hard-to-reach areas.  3. To map main internal and out-of-country displacement patterns. | | | | | | | |
| **Research Questions** | * What are the needs and vulnerabilities of IDP and host community populations in hard-to-reach areas with regards to Food Security, Livelihoods, Health, Nutrition, Shelter/NFI, WASH, Education and Protection and how do these change over time? * To which services and type of humanitarian assistance do IDP and host community populations in hard-to-reach areas have access and what access contraints exist? * What are the key demographic characteristics (e.g. size, type of populations present such as IDPs, returnees etc ) of hard-to-reach areas/settlements? * What are the key displacement trends (presence of IDPs, push and pull factors for new arrivals, month and area of origin of IDP arrivals, intention to move)? | | | | | | | |
| **Geographic Coverage** | * Greater Equatoria region (Eastern, Central and Western Equatoria States) * Greater Upper Niles region (Jonglei, Unity and Upper Nile States) * Bahr el Ghazal region (Northern, Western Bahr el Ghazal, Lakes States – Warrap State planned) | | | | | | | |
| **Secondary data sources** | * OCHA, IOM DTM, WFP humanitarian needs overviews / situation reports * WFP/FAO Monthly price monitoring * IPC updates and reports * ACLED, CLIMIS, FSNMS * Inter-agency Rapid Needs Assessments (IRNAs) * Cluster-led assessments (FSL, WASH, Education, Health, Nutrition etc) * Partner-led assessments (Oxfam, Save the Children, Concern etc) * Academic papers (e.g. Upcoming Maxwell et al. on famine declarations) * Online media sources (Sudan tribune, Radio Tamazuj etc) | | | | | | | |
| **Population(s)** | X | IDPs in camp | | | X | IDPs in informal sites | | |
| *Select all that apply* | X | IDPs in host communities | | | □ | IDPs Other *(Specify):* | | |
|  | □ | Refugees in camp | | | □ | Refugees in informal sites | | |
|  | □ | Refugees in host communities | | | □ | Refugees Other *(Specify):* | | |
|  | X | Host communities | | | X | Other *(Specify): returnees* | | |
| **Stratification**  *Select type(s) and enter number of strata* | X | Geographical #: 78 counties[[1]](#footnote-1)  Population size per strata is known? □ Yes x No  Threshold for reporting at county-level: 5% of settlements in a given county must have been assessed. Treshold for reporting at hexagon-level (one hexagon 10 km long): min. 2 settlements with at least 3 KIs | □ | Group #:  Population size per strata is known?  □ Yes □ No | | | □ | *[Other Specify]* #: \_ \_  Population size per strata is known?  □ Yes □No |
| **Data collection tool(s)** | X | Structured (Quantitative) | | | X | Semi-structured (Qualitative) | | |
|  | **Sampling method** | | | | **Data collection method** | | | |
| **Structured data collection tool # 1**  *Select sampling and data collection method and specify target # interviews* | X Purposive  The two following purposive sampling methods will be employed:   * Direct KI interviews: Key informants who have knowledge (defined as direct contact with persons living in the settlement in the last month) of a remote settlement will be interviewed. KIs in this category are expected to be i) newly arrived IDPs, ii) itinerants (traders, NGO officials), and/or iii) individuals who have regular phone/ satellite/radio communication with individuals living in the settlement. * Remote KI interviews through phone calling: REACH will directly interview KIs living in settlements of interest, through phone calling from Juba. KIs are selected through snowball sampling.   The selection criteria for a KI, is that s/he has knowledge of a remote settlement from within the last month. Please see Section 3.4 for further details and rationale on the sampling approach.  *Description of tool:*   * Monthly multi-sector quantitative survey. | | | | X Key informant interview (Target #): Information is collected at the settlement level. Given more than one quantitative survey may be collected on a given settlement, data from KIs reporting on the same settlement is aggregated to the settlement level. To present information at the county-level data from settlements is then aggregated to the county level. Number of target KII varies according to number of settlements present in a county, with the most recent OCHA Common Operational Dataset (COD) released in February 2015 used as the reference for settlement names and locations. Target is to achieve minimum of 5% settlement coverage in a given county, with a minimum of 1 KII/settlements; i.e. a minimum of 15 KIIs would need to be conducted to achieve 5% coverage of Renk County (296 settlements) | | | |
| **Semi-structured data collection tools # 1**  *Select sampling and data collection method and specify target # interviews* | X Purposive/Snowballing  *Description of tool:*   * Monthly displacement mapping focus group discussions | | | | X Focus group discussion (Target #): minimum 6 FGDs per state, to be led by saturation | | | |
| **Semi-structured data collection tool # 2** | X Purposive  *Description of tool:*   * Monthly Food Security and Livelihood mapping focus group discussions | | | | X Focus group discussion (Target #): minimum 6 FGDs per state, to be led by saturation | | | |
| **Semi-structured data collection tool # 3** | X Purposive  *Description of tool:*   * Monthly Service Access Gap focus group discussion (where applicable) | | | | X Focus group discussion (Target #): minimum 6 FGDs per state, to be led by saturation | | | |
| **Target level of precision if probability sampling** | NA | | | | NA | | | |
| **Data management platform(s)** | X | IMPACT | | | □ | UNHCR | | |
|  | □ | [Other (Specify)]: | | | | | | |
| **Expected ouput type(s)[[2]](#footnote-2)** | X | Situation overview #: 28 (6 states and one region, quarterly) | □ | Report #: \_ \_ | | | □ | Profile #: \_ \_ |
|  | X | Presentation (Preliminary findings) #: 12 | X | Presentation (Final) #: 36 (on average 3 state-level presen-tations monthly) | | | X | Sector-Factsheet #: 72 (1 per sector per month, 6 sectors in total) |
|  | x | Interactive dashboard #: 1 | □ | Webmap #: \_ \_ | | | X | Map #: stand-alone, upon request |
|  | □ | [Other Specify] #: \_ \_ | | | | | | |
| **Access** | X | Public (available on REACH resource center and other humanitarian platforms) | | | | | | |
| X | Restricted (bilateral dissemination only upon agreed dissemination list, no publication on REACH or other platforms) *settlement level dataset available upon request, all other outputs publically available* | | | | | | |
| **Visibility** | All product should be REACH branded, with visible USAID and SDC logos included, where other partners support or fund data collection, their logos should be included or reference provided on each document. | | | | | | | |

# Background and Rationale

South Sudan enters its fifth year of political crisis, stemming from violent conflict erupting in Juba in December 2013. The dynamic and multi-faceted nature of the South Sudanese displacement crisis has created significant challenges for humanitarian information management. Accessibility and security issues within South Sudan have impeded systematic data collection efforts, limiting the effectiveness of humanitarian planning and implementation. As the crisis continues to evolve, it is becoming increasingly important to fill information gaps in a systematic manner to promote more effective humanitarian response and planning for immediate life-saving activities and contingency planning for durable solutions.

To monitor humanitarian needs and displacement in hard-to-reach areas, REACH conducts remote data collection using the “Area of Knowledge (AoK)” methodology from areas inside South Sudan where access to direct regular primary data collection is not possible, as well as direct primary data collection in secure and accessible locations. In early 2016, REACH began AoK data collection in Jonglei and Unity (former) state. In recognition of the urgent need for data in the Greater Equatorias and Bahr el Ghazals for IPC analysis, REACH expanded data collection in Upper Nile, Western Bahr el Ghazal and the Equatorias in January 2017. As of February 2018, AoK data is collected from 14 field locations in South Sudan, assessing 9 out of the 10 states (see below for more details). Humanitarian information is currently collected at the settlement (village/neighborhood) level in areas identified with ongoing violence or deepening food insecurity, through a network of key informants (KIs).

The AoK approach provides regular, reliable indicative tracking of humanitarian needs over time, to support in prioritization and identification of “hot-spot” areas witnessing a deterioration of humanitarian needs. To ensure this data is directly informing humanitarian response planning, data is shared through formal coordination structures, such as OCHA, the ICWG, relevant clusters as well as the IPC, with feedback from partners used for both triangulations of gathered data as well as to inform research design and geographical targeting.

# Methodology

3.1. Methodology overview

In order to answer the research questions outlined in Section 1, REACH employs its AoK methodology to collect relevant information on hard-to-reach and inaccessible areas to inform humanitarian planning and interventions in the Greater Upper Nile, Greater Equatoria and Greater Bahr el Ghazal regions. Data collection occurs on a monthly basis to provide regular updates on the dynamic humanitarian context as well as to allow for geographical analysis of multi-sector needs across time. Primary data collection entails a multi-sector quantitative tool, developed in collaboration with the ICWG and feedback from cluster partners. Given that access in data collection locations is intermittent, both from a security and logistical point of view, regular direct data collection is not possible the majority of the time. Therefore, the multi-sector tool has been designed in a way that it is employable through two primary means: i) as remote monitoring tool in areas where access does not permit regular direct primary data collection; i) as direct in-person primary data collection tool in accessible areas. Information gathered through the AoK methodology refers to the settlements level and is collected through interviews with purposively sampled key informants who have knowledge about a specific hard to reach settlement, with collected information georeferenced according to the latest OCHA Common Operational Dataset of settlements in South Sudan from February 2016. The mutli-sector survey tool is complemented by monthly semi-structured displacement mapping, FSL and service access gap FGDs. Participants in FGDs are also purposively sampled and include newly arrived IDPs, host community members or traders with knowledge of a specific county or sub-area of a county. In addition, this assessment uses secondary data in order to triangulate the collected data and inform where new AoK data collection sites are set up.

3.2 Population of interest

In recognition of the urgent need for data from non-formal camp setting to improve the understanding of the humanitarian context in South Sudan, this assessment focuses on IDP and host community populations in hard-to-reach or inaccessible areas in Greater Upper Nile, Greater Equatoria and Greater Bahr el Ghazal. For the purpose of this assessment, hard-to-reach areas are defined as those areas of the country that are not regularly accessible either due to poor infrastructure, active conflict or humanitarian access restrictions, or a combination of these.

Data is collected at the lowest possible administrative unit – individual settlements – as derived from the OCHA settlement dataset (in which a settlement represents a village or neighbourhood in a defined urban area), to ensure that the area for which KIs are providing information corresponds directly to their actual area of knowledge, thereby mitigating unfounded deductions. Moreover, reporting and collection of data at the settlement level is driven by the absence of a common operational dataset on payam and bomas (higher administrative levels). The level of coverage (proportion of settlements assessed in a given county/state) will be declared for each product when results are presented. County-level reporting in which less than 5% of settlements have been assessed will be not be included in published REACH products.

* 1. Secondary data review

Available secondary data, such as the OCHA HNO and IPC Updates, will be used to inform AoK coverage expansion of hard-to-reach areas, as identified by humanitarian actors as critical information gaps. Settlements names and locations are derived from the most recent OCHA common operational dataset, released in February 2016. Information about specific counties will be acquired through existing humanitarian situation reports regularly published by OCHA, WFP and specific clusters and feed into output production as data triangulation. In addition to this, prior to, throughout and after data collection, assessment teams will continue to monitor secondary data, including media sources, to inform the design and content of the questionnaires; inform the geographic coverage focus as well as to ensure contextualization of findings for the final outputs (see page 2 for a detailed list of secondary sources consulted).

* 1. Primary Data Collection

As outlined in Table 1 below, data for this assessment is collected across 14 field locations in South Sudan over a period of three weeks a month, with data collection teams in each location consisting of a minimum of four enumerators and one Field Coordinator. Please also see Map 1 in Annex 2 for an overview of data collection sites.

Table 1: Overview data collection sites

|  |  |  |
| --- | --- | --- |
| ***Geographical region*** | ***(Former) State*** | ***Permanent data collection sites*** |
| Greater Equatorias | Eastern Equatoria | Kapoeta Town |
| Central Equatoria | Juba – remote phone calling |
| Western Equatoria | Yambio Town |
| Greater Upper Nile | Unity | Nyal Town |
| Bentiu PoC |
| Jonglei | Akobo Town |
| Bor PoC, Bor Town |
| Mingkaman Spontaneous Settlement |
| Upper Nile[[3]](#footnote-3) | Renk Town |
| Malakal PoC |
| Maban Town |
| Greater Bahr el Ghazals | Western Bahr el Ghazal | Wau PoC + IDP Collective Sites |
| Northern Bahr el Ghazal | Aweil Town |
| Lakes | Mingkaman Spontaneous Settlement |

*Quantitative data collection*

Quantitative data is collected across the above-mentioned field locations through a *structured multi-sector survey tool* (see Annex 3) that captures settlement-level information on displacement, FSL, WASH, Shelter, Nutrition, Protection, Education, and Health and can be used in both direct as well as remote data collection. In all REACH AoK field locations, the same multi-sector tool and questions are used. The tool was designed in collaboration with the ICWG and input from cluster partners. Feedback is encouraged from partners each month, however changes to existing questions are limited by the need for comparability over time.

The tool is available in Dinka, Nuer, Arabic as well as English, with data collected on mobile phones through the Open Data Kit application (Kobo Toolbox). At the end of each data collection day, the forms are uploaded to the Kobo server, after which the datasets are merged, cleaned and uploaded to the REACH/IMPACT server on a daily basis. Data is collected by enumerators who are supervised by Field Coordinators who in turn are managed by Assessment Officers. Before the start of data collection each morning, enumerators are briefed by Field Coordinators based on the data cleaning process of the previous day (described in the next section) to ensure appropriate coverage, debrief on any potential data collection errors and achieve the highest quality in data collection.

*Qualitative data collection*

In order to provide a more in-depth understanding of the dynamic context as well as to complement data collected through the quantitative tool, the monthly three-week data collection cycle also entails FGDs. FGDs are conducted by Field Coordinators and/or Assessment Officers, with FGDs typically separated by gender of participants (please see below for selection of FGD participants). During these FGDs the following tools are used:

*Displacement mapping tool (see Annex 4)*: A participatory mapping tool for use within focus group discussions is used to capture displacement flows and push and pull factors to and from static IDP sites. This is conducted each month to provide an analysis of displacement trends per geographical area. FGD participants are purposively sampled new arrivals (IDPs who arrived within the last month).

*Food security and livelihoods mapping tool* *(see Annex 5)*: A participatory mapping tool for use in focus group discussions is used to capture key changes in livelihoods, resultant impact on quality of life, understood as access to resources and severity of coping strategy usage. Using this tool information can be collected at both the settlement as well as county (or sub-county) level. In the majority of cases this tool is used to look at wider county-level FSL trends, with participants purposively selected according to their origin in a specific county, ensuring that key population centers from a county are represented in the FGD. Depending on the county of interest, participants are either new arrivals, traders or host community members. The tool has been shared with FSL partners for review.

*Service access gap tool (see Annex 6)*: A participatory mapping tool for use in focus group discussions is used to capture level of access to services and service access constraints by sector (Health, WASH, Shelter/NFI, Education, FSL). Using this tool information can be collected at both the settlement as well as county (or sub-county) level. In the majority of cases this tool is used to look at wider county-level service access trends, with participants purposively selected according to their origin in a specific county, ensuring that key population centers from a county are represented in the FGD. Depending on the county of interest, participants are either new arrivals, traders or host community members.

*Sampling*

The rationale underpinning the AoK sampling methodology rests on three key parameters:

1. Do the research questions require either quantitative or qualitative research methods. If qualitative methods only are required, purposive sampling will be adopted.
2. Level of humanitarian access to a geographic area
3. Level of access to the population of interest within a geographic area , which is driven by to what extent the displacement context is –
   1. Dynamic (high levels of population movement) or
   2. Stable (low levels of population movement)

Approporate data collection methods will depend on both access and population movements, with sampling becoming purposive and, ultimately, remote, as access decreases, and probability sampling generally reserved for static populations which can be directly accessed.

Where sufficient access is unavailable for a given geographic area, remote data collection methodologies can be employed to ensure that information can be collected on a population of concern to meet the identified research questions. The reduced reliablity of data collected remotely is always clearly indicated to facilitate appropriate usage and interpretation of the data analyzed and reported upon. The process of decision-making when selecting a sampling methodology is outlined in Table 2 below.

Table 2 Sampling by levels of access

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **LEVEL OF DATA COLLECTION ACCESS** | | | | |
| **CONTEXT AND SAMPLING** |  |  | **No Access** | **Restricted Access** | **Access** |
| **Dynamic**  (high population movement) | **Purposive** | Remote key informant interviews  Remote participatory mapping | Direct key informant interviews  Participatory mapping | Direct key informant interviews  Participatory mapping  Direct household interviews |
| **Probability** |  |  |  |
| **Stable**  (low population movement) | **Purposive** | Remote key informant interviews  Remote participatory mapping | Direct key informant interviews  Participatory mapping | Direct key informant interviews  Participatory mapping |
| **Probability** |  |  | Direct household interviews |
| *Highest possible data reliability* | | |  |  |  |

Given the dynamic and fast-moving nature of the South Sudan crisis, nearly all data collection, falls within the “no access” and “restricted access” parameters, which means in practice the two following purposive sampling methods will be employed:

* Direct KI interviews: Key informants who have knowledge (defined as direct contact with persons living in the settlement in the last month) of a remote-settlement will be interviewed. KIs in this category are expected to be i) newly arrived IDPs, ii) itinerants (traders, NGO officials), and/or iii) individuals who have regular phone/satellite/radio communication with individuals living in the settlement.
* Remote KI interviews through phone calling: REACH will directly interview KIs living in settlements (understood as camp or non-camp settlements) of interest, through phone calling from Juba. KIs are selected through snowball sampling, with each KI recommending additional respondents at the conclusion of each interview. As data collection continues on a monthly basis, it is anticipated that the number of KIs per settlement will increase over time, therefore improving the reliability of data over time.

The selection criteria for a KI, applicable to any KI type, is that s/he has knowledge of a remote settlement from within the last month to ensure that gathered information is up-to-date.

* 1. Data Processing & Analysis

*Data quality and cleaning*

*Quantitative data:* Every day, at the end of data collection, the surveys are uploaded on the REACH/IMPACT Kobo-server and downloaded in .xls format as one dataset for a specific site. This dataset is cleaned during the evening, logging deleted entries and value changes, whilst the raw dataset is also stored. Assessment Officers oversee Field Coordinators, who are in turn responsible for data quality assurance and the supervision of field teams. The following protocols are in place to ensure the quality of data collected:

* Weekly spot checks of enumerators conducting interviews
* Daily data cleaning by Field Coordinators, who identify outliers, abnormalities and logical inconsistencies and give regular feedback to enumerators through monthly and ad-hoc trainings, during spot checks as well as the daily morning brief. Data points which can’t be resolved through discussions with enumerators are deleted and when records (surveys) have more than three mistakes, the entire record is deleted from the dataset.
* Weekly data cleaning by Assessment Officers, who review data cleaning conducted by Field Coordinators and provide additional feedback to the data collection teas in the form of re-training.
* Monthly data aggregation and cleaning by GIS/Data Management Officers in Juba, who provide monthly feedback on outliers and common mistakes, which inform the design of monthly debriefs and enumerator trainings.

After all dataset are cleaned, the raw and cleaned dataset, along with the data cleaning log, will be saved and stored in a clearly labelled folder (see data management plan)

*Qualitative data:* all FGD transcripts will be written up and stored in a clearly labelled folder or server. A data saturation tracking table will be used utilized to ensure enough focus group discussions are conducted to reach saturation and saved in dropbox or server.

*Data aggregation*

Given more than one quantitative survey may be collected on a given settlement, data from key informants reporting on the same settlement is aggregated to the settlement level using a R script which employs the following logic to calculate settlement-level responses:

**Aggregation of KI responses to settlement level:**

* **Single response questions:** The majority of survey questions only allow a KI to select a single response. Data presented at the settlement level is the most prevalent (modal) response of KIs survey responses from each settlement. In the event there is not a clear majority, for example 5 KIs report “yes” and 5 KIs report “no”, the settlement response is coded as blank.
* **Multiple response questions:** Some questions present the KI with multiple responses from which to choose, such as the available shelter materials in the settlement. We disaggregate each possible response option as a single-response and code the logic according to single-response questions.
  + *For example, the response option “plastic sheets” is coded as “YES” or “NO” and the most prevalent response from KIs dictate if the response is coded as “YES” or “NO”. In the event there is not a clear majority, for example 5 KIs report “YES” and 5 KIs report “NO”, the settlement response is coded as blank.*

Please note that as of February 2018 REACH is in the process of making slight adjustments to the current aggregation model of ‘no consensus’: in some instances such as for sensitive questions in the protection section ‘no consensus’ may not be the most accurate reflection of KIs responses in cases of an equal number of ‘yes’ and ‘no’ responses as information may not have been shared at the settlement level due to sensitivities. In these cases, recording the ‘yes’ response is likely a better reflection. REACH will work with a question categorization system to determine which questions may be affected by potential changes to the ‘no consensus’ aggregation.

**Aggregation of settlement responses to county level:**

Data from settlements is aggregated to the county level using a R script which employs the following logic to calculate county-level responses:

* **Single response questions:** The majority of survey questions only allow a KI to select a single response. Data presented at the county level is the most prevalent response of each settlement from the survey.
* **Multiple response questions:** Some questions present the KI with multiple responses from which to choose, such as the available shelter materials in the settlement. For each possible response, REACH presents the percent of settlements in each county reporting that selected the response.
* **Yes/no questions:** Yes/no questions are presented as the percent of settlements in the county with a response of "yes".

*Data Analysis*

For quantitative data gathered, analysis will be conducted using SPSS or excel. Please see the data analysis plan in Section 5 for the data analysis plan and Map 2 in Annex 7 for an example of how quantitative AoK data is presented.

Thematic analysis will be used to code and analyse FGD transcripts from semi-structured data collection.

*Outputs produced*

The main outputs produced from the monthly Assessment of Hard to Reach Areas are Situation Overviews and sector factsheets. Situation Overviews provide quarterly state-level analysis on displacement and population movement trends as well as access to food and basic services for both IDP and non-displaced communities in a given state. The sector-specific factsheets provide an overview over access to services trends and needs in each sector (FSL/Protection/CCCM/WASH/Education/Shelter/NFI), with the majority of data presented at county-level. For information on other types of outputs produced using AoK data, please see Section 1.

# 4. Roles and responsibilities

Table 3: Description of roles and responsibilities

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Task Description** | **Responsible** | **Accountable** | **Consulted** | **Informed** |
| Research design | *SMT,* | *Country Coordinator (CC)* | *AO, GIS team, Geneva review team* | *Clusters, OCHA* |
| Supervising data collection | *Field Coordinator* | *Assessment Officer* | *SMT* | *CC* |
| Data processing (checking, cleaning) | *Field coordinator* | *Assessment Officer* | *SMT + GIS* | *CC* |
| Data analysis | *Assessment Officer* | *Assessment Manager* | *SMT + GIS, Geneva review team* | *CC* |
| Mapping | *Assessment Officer, GIS Team* | *SMT* | *CC, Geneva review team* |  |
| Output production | *Assessment Officer* | *SMT* | *CC, Geneva review team* | *CM* |
| Dissemination | *CM + AO* | *CC* | *SMT* |  |
| Monitoring & Evaluation | *AO + CM* | *SMT* | *CC* |  |
| Lessons learned |  |  |  |  |

***Responsible:*** *the person(s) who executes the task*

***Accountable:*** *the person who validates the completion of the task and is accountable of the final output or milestone*

***Consulted:*** *the person(s) who must be consulted when the task is implemented*

***Informed:*** *the person(s) who need to be informed when the task is complete*

# 5. Data Analysis Plan

**5.1 Analysis plan for structured multi-sector survey**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Topic** | **Sector** | **Data collection method** | **Q #** | **Indicator / Variable** | **Question** | **Choices** | **Data collection level** |
| **Population characteristics** | KI demographics | Quantitative KI interview | B.1 | Gender of KI | What is the gender of the interviewee? | Male, Female | Individual level |
| B.2 | Age of KI | What is your age? | Continuous, 15 < x <126 | Individual level |
| B.3 | Displacement status (categorical, IDP, refugee, returnee, host community) | What is your current displacement status? | IDP, refugee, returnee, host community | Individual level |
| B.4/B.5/B.6 | Country and time of return, if returnee | Are you returning from outside South Sudan?  Which country are you returning from?  When did you return? | Yes, no; Uganda, Kenya, Ethiopia, Sudan, CAR, DRC, other; List of months | Individual level |
| B.7 | New arrival status (dichotomous) | Did you arrive as a resident for the first time at this site within the last month? | Yes, no | Individual level |
| Displacement patterns / Intentions (new arrivals) | Quantitative KI interview | E.1 | State of most recent displacement (categorical) | What state were you in, when you were most recently displaced? | List of states | Individual level |
| E.2 | County of most recent displacement (categorical) | What county were you in, when you were most recently displaced? | List of counties | Individual level |
| E.3 | Time of most recent displacement (categorical, ordinal) | When were you most recently displaced from that location? | List of months | Individual level |
| E.4 | % of new arrivals by reason of displacement (categorical) | What is the main reason that you left [disp county]? | Lack of security; lack of health services; lack of edu services; lack of food; lack of shelter; lack of water; far from family; no job; tensions with host community; cattle raiding; disease outbreak; no reason; other; I don’t know or don’t want to answer | Individual level |
| E.5 | % of new arrivals by reason to come to current location (categorical) | What is the main reason you chose to come to [IDP site][location settlement] or the surrounding area? | Security; presence of health services; presence of edu services; presence of food distribution; availability of local food; shelter; water; jobs; joining family; no reason; other; I don’t know or don’t want to answer | Individual level |
| E.6 | % of new arrivals by intention to stay in current location (categorical, ordinal) | How long do you and your family intend to remain in [IDP site][location settlement] or the surrounding area? | Less than 2 weeks; 2 weeks – 1 month; 1-3 months; 3-6 months; more than 6 months; I don’t know or don’t want to answer | Individual level |
| Area of knowledge | Quantitative KI interview | D.1 | KI area of knowledge, state (categorical) | What is the location in? | List of states | Individual level |
| D.2 | KI area of knowledge, county (categorical) | What county is the location in? | List of counties | Individual level |
| D.3 / D.4 | KI area of knowledge, settlement (categorical) | What settlement is the location in? If other, please specify | List of settlements; other | Individual level |
| D.5 | Estimated size of settlement (categorical, ordinal) | In the last month, what is the estimated size of [info settlement] in terms of number of people? | 1-50; 51-100; 101-500; 501-1000; 1001+; I don’t know or don’t want to answer | Settlement-level |
| D.6 | KI type of contact | How do you have knowledge about [info settlement]? | Remote contact, direct contact | Individual-level |
| D.7 | KI time of last visit to AoK settlement | When was the last time you have been in [info settlement]? | Within the last month, more than a month | Individual-level |
| D.8 | KI means of remote contact (categorical) | How is the person or persons contacted remotely? | Mobile phone; satellite phone; computer internet; phone app; HF or VHF radio; other; I don’t know or don’t want to answer | Individual-level |
| D.9 | KI time of last remote contact (dichotomous, within last month or not) | When was the last time this person or persons was contacted? | Within the last month, more than a month | Individual-level |
| Demographics | Quantitative KI interview | F1.1 | % of (de)populated settlements | Are there still members of the local community living in [info settlement]? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| F1.2 | % of settlements per proportion of remaining population | In the last month, what proportion of the population remains in [info settlement]? | None; less than half; half; more than half; all; I don’t know or don’t want to answer | Settlement-level |
| F1.4 | % of settlements per gender ratio category | What is the gender ratio for remaining local community members in [info settlement]? | All/almost all women; more women than men; about equal; more men than women; all/almost all men; I don’t know or don’t want to answer | Settlement-level |
| F1.5 | % of settlements per age ratio category | What is the age ratio for remaining local community members in [info settlement]? | Mostly older people; all/almost all adults; more adults than children; about the same number of children and adults; more children than adults; all/almost all children; I don’t know or don’t want to answer | Settlement-level |
| F2.1 | % of settlements with IDPs | Are there any IDPs in [info settlement]? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| F2.3 | % of settlements per given proportion of IDP population | What proportion of the population in [info settlement] consist of IDPs? | None, less than half, half, more than half, all, I don’t know or don’t want to answer | Settlement-level |
| F2.4 | % of settlements per IDP gender ratio category | What is the gender ratio of IDPs in [info settlement]? | All/almost all women; more women than men; about equal; more men than women; all/almost all men; I don’t know or don’t want to answer | Settlement-level |
| F2.5 | % of settlements per IDP age ratio category | What is the age ratio for IDPs in [info settlement]? | Mostly older people; all/almost all adults; more adults than children; about the same number of children and adults; more children than adults; all/almost all children; I don’t know or don’t want to answer | Settlement-level |
| F3.1 | % of settlements with returned (formerly displaced) community population | Have any local community returned to [info settlement] after being displaced in another area? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| Displacement | Quantitative KI interview | F2.1 | % of settlements with IDPs | Are there any IDPs in [info settlement]? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| F2.2 | % of settlements per month of present IDP’s arrival | Approximately when did the most recent IDPs arrive in [info settlement]? | List of months | Settlement-level |
| F2.7 | % of settlements per main state of present IDP’s displacement | What state are the IDPs mainly from? | List of states | Settlement-level |
| F2.8 | % of settlements per main county of present IDP’s displacement | What county are the IDPs mainly from? | List of counties | Settlement-level |
| F2.9 | % of settlements per timeframe of present IDP’s intention to remain | Do you know how long do most IDPs living in [info settlement] intend to remain? | Less than 2 weeks, 2 weeks – less than 1 month; 1 month – less than 3 months; 3 months – less than 6 months; I don’t know or don’t want to answer | Settlement-level |
| F3.1 | % of settlements with returned (formerly displaced) community population | Have any local community returned to [info settlement] after being displaced in another area? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| F3.2 | % of settlements per month of returnee arrival | Approximately when did they [returnees] return to [info settlement]? | List of months | Settlement-level |
| *Sector Indicators* | FSL | Quantitative KI interview | G.1 | % of settlements by adequate access to food | Are people currently able to access enough food in [info settlement]? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| G.2 | % of settlements per main reason populations do not adequately access food | What is the main reason why people can’t access enough food in [info settlement]? | Unsafe to access land; not enough land; crops destroyed by flooding; drops destroyed by pest; lack of rain; crops destroyed by conflict; cultivation disrupted by displacement; growing season too short; crops stolen; no livestock; no food distribution; no market; prices too high; lack of fishing nets; no reason, I don’t know or don’t want to answer; other | Settlement-level |
| G.3 | % of settlements per severity of hunger experienced | How bad is the hunger because people are not able to access enough food in [info settlement]? | Almost no hunger; hunger is small, strategies are available to cope with reduced access to food; hunger is bad, limited options to cope; hunger is the worst, all over the settlement, causing many deaths; I don’t know or don’t want to answer | Settlement-level |
| G.4 | % of settlements per main types of food | In the last month, what types of food were regularly eaten in [info settlement]? | Cereals and roots; beans, groundnuts, other nuts; fruit, cultivated and wild; meat and eggs; milk and dairy; I don’t know or don’t want to answer | Settlement-level |
| G.5 | % of settlements per main source of food | What is the main source of food [info settlement] now? | Own production (cultivated); own production (livestock); foraged for wild foods; fishing/hunting; bought with cash; bartering; family and friends; humanitarian assistance; government food distribution; food/cash for work; nothing; I don’t know or don’t want to answer; other | Settlement-level |
| G.6 | % of settlements per frequency of wild food consumption | How often are wild foods eaten as part of a main meal in [info settlement]? | Almost all the time; sometimes; almost never; I don’t know or don’t want to answer | Settlement-level |
| G.7 | % of settlements per consumption of wild food causing sickness | Are wild foods consumed in [info settlement] making people sick? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| G.8 | % of settlements per average number of meals | On average (normally), how many meals did families consume per day in [info settlement]? | Less than 1, 2, 3, 3+, I don’t know or don’t want to answer | Settlement-level |
| G.9 | % of settlements per food consumption coping strategy | What strategies have people in [info settlement] used to cope with a lack of food or money to buy food? (read options out loud) | Rely on less preferred and less expensive food; limit portion sizes at meal times; adults do not eat so children can eat; reduce number of meals eaten in a day; skip entire days without eating; none; other; I don’t know or don’t want to answer | Settlement-level |
| G.10 | % of settlements with access to food assistance, per type | Has any of the population FROM [info settlement] received food assistance (general distribution/food for word/cash for work) in the last three month? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| G.11 | % of settlements where an expected General Food Distribution (GFD) did not occur | In the last month, was the community expecting a distribution of food assistance occur for any reason? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| G.12 | % of settlements with access to a functioning market | Is there currently a functioning market that you can physically access FROM [info settlement]? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| G.13 | % of settlement per cereal market price evolution | Has there been an increase in the price of cereals over the past month in [info settlement]? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| G.14 | % of settlements per type of impact of cereal prices on food access | Has the increase in cereal price in the last month had any impact on the ability to access enough food in [info settlement]? | No impact; small impact; large impact; I don’t know or don’t want to answer | Settlement-level |
| L.1 | % of settlements per livelihood coping strategy (e.g. borrow food, consume seeds, sell cattle) | What strategies have people in [info settlement] used to cope with a lack of food or money to buy food? (read options out loud) | Borrow food; purchase food; gather wild food; consume seed stock; send children to eat with neighbours; asking non-relatives for food; sell home assets; selling more livestock than usual; slaughtering more cattle than normal; more hunting or fishing than normal; families moving to cattle/fishing camps; sending families to displacement camps; none; other; I don’t know or don’t want to answer | Settlement-level |
| L.2 | % of settlements with access to land for cultivation | Can everyone have physical access to land for cultivation in [info settlement]? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| L.3 | % of settlements with sufficient access to seeds, tools, etc. | Is there access to enough seeds / tools / etc. in [info settlement] now? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| L.4 | % of settlements per current livelihood activities (e.g. crops for sustenance, livestock) | Are members of the community currently engaging in any of the following activities [info settlement]? (read options out loud) | Crops for cash; crops for sustenance; livestock; fishing or hunting; casual labour; earning salaries; remittances; poultry; other; none; I don’t know or don’t want to answer | Settlement-level |
| L.5 | % of settlements reporting cattle ownership | Are members of the community living in the settlement possessing or owning cattle in [info settlement] or at pasture? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| L.6 | % of settlements with access to cattle | Are members of the community currently able to physically access cattle in [info settlement] or at pasture? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| L.7 | % of settlements with livestock disease outbreak | In the last month, has there been a disease outbreak among livestock owned by the community in [info settlement]? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| L.8 | % of settlements per type of impact of disease on food security | Have livestock disease outbreaks in the last month had any impact on the ability to access enough food in [info settlement]? | No impact, small impact, large impact, I don’t know or don’t want to answer | Settlement-level |
| WASH | Quantitative KI interview | K.1 | % of settlements with(out) boreholes | Are there any boreholes in [info settlement]? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| K.2 | % of settlements with(out) *functioning* boreholes | Are any of those boreholes functional? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| K.3. | % of settlements per type of main source of drinking water | What is the main source of water (clean or unclean) for people living in [info settlement] now? | Borehole, tap stand, protected well, unprotected well, water truck, donkey cart, water yard, swamp, pond, river, I don’t know or don’t want to answer, other | Settlement-level |
| K.4 | % of settlements where animals share same source of drinking water as humans | Are livestock or other animals currently using the same source of water as people or kept close to the water source? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| K.5 | % of settlements per time to collect drinking water | How long does it take to reach, access and return from the [water now how] with water in [info settlement]? | Under 30 min; 30 min – less than 1 hour; 1 hour to less than half a day; half a day; more than half a day; I don’t know or don’t want to answer | Settlement-level |
| K.6 | % of settlements unable to access preferred water point because of safety concerns | Have you not been able to access you preferred water point because you feared for your safety? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| K.7 | % of settlements per availability of water source in both wet and dry season | Is your preferred water source available in both wet and dry season? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| K.8 | % of settlements per proportion of people using latrines | What proportion of people in [info settlement] are using latrines? | None, less than half, half, more than half, all, I don’t know or don’t want to answer | Settlement-level |
| K.9 | % of settlements per reason people not using latrines | Why do some people in [info settlement] not use latrines? | None available, not functional, not enough/overcrowded, too dirty/full, too far, cultural reasons, I don’t know or don’t want to answer | Settlement-level |
| K.10 | % of settlements per means of washing hands | What do most people in [info settlement] use to wash their hands? | Soap, ash, only water, don’t wash hands, I don’t know or don’t want to answer | Settlement-level |
| Shelter/NFI | Quantitative KI interview | F1.3 | % of settlements per type of host community shelter | Where is the largest proportion of the local community living in [info settlement]? | Their own homes; another home in the same village; community buildings; bush/swamp/forest/hills; I don’t know or don’t want to answer; other | Settlement-level |
| F2.4 | % of settlements per type of host community shelter (e.g. community building) | Where is the largest proportion of IDPs living? | PoC; in a spontaneous settlement; host community; community buildings; in the bush; I don’t know or don’t want to answer; other | Settlement-level |
| F2.10 | % of settlements where present IDPs are / not receiving food, NFI, shelter from host community or NGO | Are most IDPs in [info settlement] receiving food, NFIs, or shelter from the local community or an NGO? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| J.1 | % of settlements per main shelter type used by local community | What is the main shelter type currently used by the local community in [info settlement]? | Permanent structure; tukul; rakooba; tent; improvised shelter; abandoned building; community building; no shelter; no other type of shelter; I don’t know or don’t want to answer; other | Settlement-level |
| J.2 | % of settlements per main shelter type used by IDPs | What is the main shelter type currently used by IDPs in [info settlement]? | Permanent structure; tukul; rakooba; tent; improvised shelter; abandoned building; community building; no shelter; no other type of shelter I don’t know or don’t want to answer; other | Settlement-level |
| J.3 | % of settlements per proportion of IDPs without shelter | What proportion of IDPs are living in the open without shelter in [info settlement]? | None, less than half, half, more than half, all, I don’t know or don’t want to answer | Settlement-level |
| J.4 | % of settlements per available shelter materials | What shelter building materials are currently available in [info settlement]? | Grass, mud, timber, robe, plastic sheet, local pole, none, I don’t know or don’t want to answer, other | Settlement-level |
| J.5 | % of settlements with shelter destruction in previous month | In the last month, have shelters in [info settlement] been destroyed or partially destroyed during fighting? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| J.6 | % of settlements per proportion of destroyed shelters | What proportion of shelters have been destroyed in [info settlement]? | Very few; around half; all/almost all; I don’t know or don’t want to answer | Settlement-level |
| J.7 | % of settlements per NFI available to IDPs | What NFIs are available and used by IDPs living in [info settlement]? | Blanket, sleeping mat, jerry can, cooking pot, mosquito net, bucket, soap, none, IDP, other | Settlement-level |
| J.8 | % of settlements per source of NFI for IDPs | How did IDPs get the available NFIs in [info settlement]? | Brought with them; purchased in market; provided by host community; NGOs; I don’t know or don’t want to answer; other | Settlement-level |
| J.10 | % of settlement with NFI distribution in previous 3 months | In the last three month, has there been a distribution of NFIs in [info settlement]? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| Protection | Quantitative KI interview | N.1 | % of settlements per perception of safety of community members | To what extent do members of the community feel safe in [info settlement]? | Almost all the time; sometimes; almost never; I don’t know or don’t want to answer | Settlement-level |
| N.2 | % of settlements with conflict incident in last month | In the last month, has there been an incidence of conflict in [info settlement] which has either killed a civilian or has damaged property? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| N.3 | % of settlements with incidents of looting occurred in last month | In the last month, has there been incidents of looting of property in [info settlement]? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| N.4 | % of settlements per type of impact of safety concerns on food access | Has conflict or looting had any impact on the ability to access enough food in [info settlement]? | No impact, small impact, large impact, I don’t know or don’t want to answer | Settlement-level |
| N.5 | % of settlements per main safety concern for women / men | What is the main safety concern for (women/men) 18 years or older in [info settlement]? | Killing/injury same tribe; killing/injury other tribe; sexual violence; abduction; forced recruitment; looting; cattle raids; family separation; domestic violence; harassment to disclose information; violence between neighbours; no issue; I don’t know or don’t want to answer; other | Settlement-level |
| N.6 | % of settlements per main safety concern for girls / boys | What is the main safety concern for (gilr/boys) 18 years or older in [info settlement]? | Killing/injury same tribe; killing/injury other tribe; sexual violence; abduction; forced recruitment; looting; cattle raids; family separation; early/forced marriage; domestic violence; harassment to disclose information; violence between neighbours; no issue; I don’t know or don’t want to answer; other | Settlement-level |
| N.7 | % of settlements with unaccompanied children living in settlement | In the last month, have there been children with no caretaker or relative looking after them living in [info settlement]? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| N.8 | % of settlements per status of current relations between host and IDP communities | How are the current relations between IDPs/refugees/returnees and the local community in [info settlement]? | Very good; good; neutral; poor; very poor; I don’t know or don’t want to answer | Settlement-level |
| O.1 | % of settlements community believes has mines of UXO | Are there areas in [info settlement] which you believe have mines or UXO? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| O.2 | % of settlements per area believed to be contaminated by mines | What areas do you believe to be contaminated by mines or UXO in [info settlement]? | Housing, school, medical point, water point, river; cropping land; grazing land; firewood gathering location; roads; other; I don’t know or don’t want to answer | Settlement-level |
| O.3 | % of settlements per frequency of landmine/UXO accidents | In the last month, how many landmine/UXO related accidents happened in [info settlement], including both accidents with civilians and livestock? | None; a few (1-2); some (3-5); several (6-10); many (10+); I don’t know or don’t want to answer | Settlement-level |
| Health | Quantitative KI interview | H.1 | % of settlements per perceived main cause of death in past month | In the past month, what has been the main cause of death in [info settlement]? | Malaria/fever; cholera/diarrhoea; hunger/malnutrition; kalazar; conflict; natural causes of death; HIV/AIDS; other; nothing; I don’t know or don’t want to answer | Settlement-level |
| H.2 | % of settlements with excess mortality in past month | Have more people of any age died than normal in the last month in [info settlement]? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| I.1 | % of settlements with access to health facilities | Are health care facilities providing services that you can physically access FROM [info settlement] now? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| I.2 | % of settlements per distance of health facility | How long does it take by foot to get to a health facility from [info settlement]? | Under 30 minutes; 30 min – less than an hour; 1 hour – less than half a day; half a day; more than half a day; I don’t know or don’t want to answer | Settlement-level |
| I.3 | % of settlements per main reason health facility unavailable | What is the main reason that health facilities are not available in [info settlement]? | Never health facilities nearby; no health care workers in the area; no medicine; area too insecure; facilities destroyed by fighting; facilities destroyed by natural disaster; facilities too distant; nothing; other; I don’t know or don’t want to answer | Settlement-level |
| I.4 | % of settlements per most common health problem | What health problem is most common in [info settlement]? | Malaria; breathing problems; malnutrition; wounds from fighting; diarrhoea; stomach pain; fever; cholera; pneumonia; typhoid; tuberculosis; kalazar; skin disease; brucellosis; chicken pox; syphilis; AIDS/HIV; bilharzia; hepatitis; anal haemorrhage; nodding disease; no common health problems; other; I don’t know or don’t want to answer | Settlement-level |
| I.5 | % of settlements per type of impact of health problems on food access | Has [health problems 1] had any impact on the ability to access enough food in [info settlement]? | No impact, small impact, large impact, I don’t know or don’t want to answer | Settlement-level |
| I.6 | % of settlements with nutrition programming | What health care items are most needed in [info settlement]? (select multiple) | ORS; drugs; malaria drugs; nutrition supplement supplies; first aid kits; nothing; I don’t know or don’t want to answer; other | Settlement-level |
| Education | Quantitative KI interview | M.1 | % of settlements with access to education services | Are educational services currently available accessible FROM [info settlement]? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| M.2 | % of settlements per main reason that education services unavailable | What is the main reason that education services are not available in [info settlement]? | Never facilities nearby; facilities destroyed by natural disaster; facilities destroyed by conflict; facilities being used for other purposes; never any teachers; teachers displaced; teachers stopped working; security concerns; facilities too distant; nothing; I don’t know or don’t want to answer; other | Settlement-level |
| M.3 (a and b) | % of settlements per proportion of girls / boys (asked separately) attending school | In [info settlement], what proportion of 6-17 year girls and 6-17 boys are attending school? | None; less than half; half; more than half; all; I don’t know or don’t want to answer | Settlement-level |
| M.4 | % of settlements per main reason girls are not attending school | What is the main reason girls are not attending school in [info settlement]? | Cannot afford fees; need to work outside home; need to work in home; girls are not supposed to attend school; hunger; area too dangerous; no school supplies; issues related to menstruation; no reason; I don’t know or don’t want to answer; other | Settlement-level |
| M.5 | % of settlements per main reason boys are not attending school | What is the main reason boys are not attending school in [info settlement]? | Cannot afford fees; need to work outside home; need to work in home; girls are not supposed to attend school; hunger; area too dangerous; no school supplies; issues related to menstruation; no reason I don’t know or don’t want to answer; other | Settlement-level |
| CCCM | Quantitative KI interview | R.1 | % of settlements where RRC office or representative are accessible | Is there an RRC office or RRC representative accessible from [info settlement]? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| R.2 | % of settlements with community leadership present | Is there community leader present in [info settlement] (committees, village leaders, etc)? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| R.3 | % of settlements where IDPs are (not) included in leadership structures | Are IDPs included in committees or leadership structures in [info settlement]? | Yes, no, I don’t know or don’t want to answer | Settlement-level |
| R.4 | % of settlements per frequency of leadership meeting | How often does the community leadership in meet in [info settlement]? | Every week, every two weeks, every month, every few months, I don’t know or don’t want to answer | Settlement-level |
| R.5 | % of settlements main source of information for IDPs | What is the main source of information for most IDPs in [info settlement]? | Radio station; bodaboda talktalk; television; newspaper; social media; internet-other; mobile phone call; loudspeakers; in person conversation; other nothing; I don’t know or don’t want to answer | Settlement-level |
| R.6 | % of settlements per period when IDPs last received information from pre-displacement location | When did the most recent IDPs in [info settlement] last receive information from their displacement location? | Less than 1 month ago; 1-3 months ago; more than 3 months; I don’t know or don’t want to answer | Settlement-level |
| *Priority Needs* | Health | Quantitative KI interview | I.6 | % of settlement per most needed health care items | What health care items are most needed in [info settlement]? (select multiple) | ORS; drugs; malaria drugs; nutrition supplement supplies; first aid kits; nothing; I don’t know or don’t want to answer; other | Settlement-level |
| Shelter | Quantitative KI interview | J.9 | % of settlement per most needed non-food item (NFI) | What NFI will the local community need most to meet immediate needs of IDPs in [info settlement]? | Blanket, sleeping mat, jerry can, cooking pot, mosquito net, bucket, soap, plastic sheet, rope, pole, IDP, other | Settlement-level |
| *Meta-Data* | *Meta-Data* | N/A | NA | Data Collection Date | NA | Automatic | N/A |
| *Meta-Data* | N/A | A.1 | Enumerator ID | Enumerator ID number | 1-30 | N/A |
| *Meta-Data* | N/A | NA | Start and end time of survey | NA | Automatic | N/A |
| *Meta-Data* | N/A | A.2-A.9 | Location of interview – site, county, state | Are you in an IDP/POC site; Specify site; What state is the location in; What county; What settlement; Specify other settlement; Specify country outside of South Sudan | Yes/no; List of IDP sites; List of states; List of counties; List of settlements; List of states | N/A |
| *Meta-Data* | N/A | Q.1 | GPS coordinates of data collection site | Please take the GPS coordinates of your location | Geopoint | N/A |

**5.2 Analysis plan for semi-structured displacement mapping**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Research questions** | **SUBQ#** | **Sub-question** | **Questionnaire QUESTION** | **Probes** | **Data collection method** | **Key disaggregations (Group types)** |
| What are the dynamics and patterns of displacement from an identified area of interest? | 1 | What were the push factors for displacement? | 1. Have people recently (within the last month) left [*AREA OF INTEREST]? If so, why?* | – If violence, when? Threat or realized violence?  - If lack of resources, why? What happened? What is the geographic scale? (map) | FGD | - County of interest  - KI gender |
| 2 | What are the demographics of the area of interest? | 2. What was the original population of [*AREA OF INTEREST] before displacement?* | - Approx. how many left?  - Approx. how many remain? Host community, IDP? | FGD | - County of interest  - KI gender |
| 3 | Where routes did people take in leaving the area of interest? | 3. Where did people go to? [*Please find this on the map]. Identify both current location and any others where large population numbers went.* | - Did everyone go to the same place? If not, where else?  - Where did people go originally? For how long? Where next?  - How did they travel? What was the cost? | FGD | - County of interest  - KI gender |
| 4 | What were the pull factors for displacement? | 4. Why did they come to/stay in this particular location? | - Were there other location that they could have gone to? If so, why did they come here?  - Are they free to move? | FGD | - County of interest  - KI gender |
| 6 | What are the intentions, into the future? | 5. Do they intend to stay here in this location? Is so, why? If not, where do they plan to go? | - Is it a temporary more or permanent?  - Are they free to move? | FGD | - County of interest  - KI gender |
| 7 | How will decisions about the future be made? With what information, collected how? | 6. Do they personally expect to visit (temporarily or permanently) their homeland again? If so, why? Under what conditions would go back with their families permanently back to their homeland? | - How know if these conditions are in place?  - Expect these conditions to happen? | FGD | - County of interest  - KI gender |
|  |  |  |  |  |  |  |
| 8 | Displacement route mapping | * introduce participants to the map. Show them where we are now, and the area of interest on the map. * Show them major towns in the region so they understand the map. Through showing them key roads, rivers/swamps, towns etc, work with each participant to identify where they were staying before they were displaced on the map. Circle each participants town/village on the map, if the settlement name doesn’t exist, identify approximately where the village/town is and circle with the name. * Once in sub-question 3, identify displacement routes each person took, including major transit sites and challenges along the way – mark with differently colored highlighters. Ask about the size of groups that people travelled with and about populations remaining in transit locations. | | FGD | * County of interest * KI gender |

**5.3 Analysis plan for semi-structured food security and livelihoods mapping**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Research questions** | **SUBQ#** | **Sub-question** | **Questionnaire QUESTION** | **Probes** | **Data collection method** | **Key disaggregations (Group types)** |
| What is the state of food security and livelihoods in a given area of interest? | 1 | What is the livelihood profile of a given community in a typical year? | 1. In a normal year, how does the community feed itself/obtain food or money to buy food? What are the common ways households feed themselves in this area (area however defined)” | - Primary crops? Seasons?  - Livestock? Where? How managed?  - Fishing and hunting? By who?  - Wild foods? When? By who?  - Financial resources? Who? Where?  Migration? What activities? Who | FGD | - County of interest  - KI gender |
| 2 | What shocks or changes has the community experienced, impacting their food security and livelihoods? | 2. In the last month, how have these activities changed? Are any of these activities no longer available? (this includes “normal seasonal changes” and also large changes to the context (aka fighting, flooding etc.) Why are these activities no longer available? | - Crops?  - Livestock management?  - Fishing and hunting?  - Wild food gathering?  - Income generation activities?  - Migration patterns? | FGD | - County of interest  - KI gender |
| 3 | What is the current state of access to food in the community? | 3. Based on the previous discussion of your ability to access to resources to meet your families food needs, how would you present quality of life (e.g. very good, good, neutral, bad, very bad)? | - Quality of life improved/worsen over last month?  - Why?  - When? | FGD | - County of interest  - KI gender |
| 4 | What is the broader state of access to food in surrounding areas? | 4. Please mark on the map (state level) where access to resources is good and where access to resources is limited and explain why for each point. | Mark where:  - Quality of life is bad (in red)  - Quality of life is good (in green)  Explain why different levels in various places. | FGD | - County of interest  - KI gender |
| What is the state of risk, resilience and mitigation strategies in a given area of interest? | 5 | What are the typical coping strategies employed by communities in a given area of interest? | 5. Please think back to a time when your family had insufficient food or a lack of resources to buy food. During this time of little food access, what were the usual activities your family adopted to seek additional resources or change the use of existing resources to meet your families food needs? | - Community able to use coping strategies?  - If not, why? | FGD | - County of interest  - KI gender |
| 6 | Are these strategies currently available? | 6. Have the strategies used by residents in your settlement of knowledge to cope with a lack of resources recently changed? | - If changed, what strategies using now?  - Why have strategies recently become unavailable? | FGD | - County of interest  - KI gender |
| **7** | What are the typical networks of support, and what is their current state? | 7. Do families in your settlement rely on social, family networks, neighbours and friends to share resources and receive support when facing food or resource shortages? | - Please describe how networks of support work  - Are networks still functioning?  - If not, why?  - If not, since when? | FGD | - County of interest  - KI gender |

**5.4 Analysis plan for semi-structured service access gap mapping**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Research questions** | **SUBQ#** | **Sub-question** | **Questionnaire QUESTION** | **Probes** | **Data collection method** | **Key disaggregations (Group types)** |
| What were the dynamics of displacement for individual KIs? What population remaining in the area of interest? | 1. | What was the displacement route? | 1. What was your displacement route? | - How long?  - What transportation? | FGD | - County of interest  - KI gender |
| 2.. | What were the challenges along the way? | 2. Did you face any difficulties/challenges on the way to come here? | If so, please elaborate. | FGD | - County of interest  - KI gender |
| 3. | What were the push factors? | 3. What were the main reasons for leaving your location of pre-displacement? | - Violence?  - Food security?  - Services? | FGD | - County of interest  - KI gender |
| 4. | What were the pull factors? | 4. When people are leaving the [AREA OF INTEREST], what other displacement destinations are they choosing and why? | - Security?  - Food security  - Services? | FGD | - County of interest  - KI gender |
| 5. | What are the demographics of the community of interest | 5. Are there still people living in the [AREA OF INTEREST]? | - If so, how many?  - If so, why do they continue to stay? | FGD | - County of interest  - KI gender |
| 6. | 6. Are there IDPs in the [AREA OF INTEREST]? | - If so, how many?  - If so, when did they arrive? | FGD | - County of interest  - KI gender |
| 7. | 7. Are there returnees in the [AREA OF INTEREST]? | - If so, how many?  - If so, why are they returning? | FGD | - County of interest  - KI gender |
| What is the access to food, livelihoods and related services? Where are the gaps? | 1. | What are the main sources of food? | 1. What is currently the main source of food? Which other sources of food do you use, including coping strategies? | - Sufficient food?  - If no, what are the reasons?  - If no, what coping strategies? How frequently used? | FGD | - County of interest  - KI gender |
| 2. | Can communities access a market? | 2. To what extent is there a functioning market in the area? | - If yes, are all items available?  - If not, why not?  - If yes, why/did the prices change? | FGD | - County of interest  - KI gender |
| 3. | What is the state of livelihood activities? | 3. Are people currently engaging in livelihood activities? | - If no, why?  - If yes, what are main activities?  - Access to land? Why, why not?  - Cultivate in previous season?  - Livestock? Which, where, who responsible, any incidents?  - Casual labor? What type? | FGD | - County of interest  - KI gender |
| What is the access to health, WASH, and related services? Where are the gaps? | 1. | Are health services accessible? | 1. To what extent is there access to health care in the [AREA OF INTEREST]? | - What facilities?  - Medical staff? Why, why not?  - Drugs? Why, why not?  - In no access, what reasons?  - If no access, how do people cope? | FGD | - County of interest  - KI gender |
| 2. | What are the main cases of morbidity? | 2. What are the main causes of morbidity? | - Sickness  - Injury?  - Conflict | FGD | - County of interest  - KI gender |
| 3. | What is the access to water? | 3. To what extent is there clean/safe drinking water in the [AREA OF INTEREST]? | - If yes, source?  - If no, reasons?  - If no, alternative sources? What side effects? | FGD | - County of interest  - KI gender |
| 4. | What is the access to sanitation? | 4. To what extent do people use latrines regularly? | - Why, why not? | FGD | - County of interest  - KI gender |
| What is the access to education services? Where are the gaps? | 1. | Is education accessible? | 1. Are education services available in the *[AREA OF INTEREST]?* |  | FGD | - County of interest  - KI gender |
| 2. | What are the barriers to education? | 2. What are the barriers to education? | - List main reasons for lack of access?  - Do all girls attend? Why not?  - Do all boys attend? Why not? | FGD | - County of interest  - KI gender |
| 3. | What are the levels of resources and support? | 3. Do the schools have enough teachers? | - Are the teachers supported?  - NGOs, government, fees? | FGD | - County of interest  - KI gender |
| What is the access to shelter and related services? Where are the gaps? | 1. | What is the state of access to shelter in the community? | 1. Is everyone sleeping under a shelter [AREA OF INTEREST]? If not, why? |  | FGD | - County of interest  - KI gender |
| 2. | What are the main types of shelter available? | 2. What are the main types of shelter type for the community? | - For host community?  - For IDPs? | FGD | - County of interest  - KI gender |
| 3. | Has there been shelter damage? | 3. Have any shelters been burned/destroyed? | - How many? When?  - Have shelters been rebuilt? | FGD | - County of interest  - KI gender |
| 4. | What is the access to NFIs? | 4. Do people have access to NFIs? | - Which NFIs?  - If not, what items are most needed? | FGD | - County of interest  - KI gender |

# 6. Data Management Plan

|  |  |
| --- | --- |
| **Administrative Data** | |
| Research Cycle name | *Assessment of hard-to-reach areas* |
| Project Code | *32DAF (32iAED), 32DDM (32iAEK)* |
| Donor | *USAID, SDC* |
| Project partners |  |

|  |  |  |
| --- | --- | --- |
| Research Contacts | *Katie Rickard, Katie.rickard@reach-initiative.org* | |
| Data Management Plan Version | *Date: 20/02/2018* | *Version: 2.0* |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Related Policies |  | | | |
| **Documentation and Metadata** | | | | |
| What documentation and metadata will accompany the data?  *Select all that apply* | X | Data analysis plan | X | Data Cleaning Log, including:  x Deletion Log  x Value Change Log |
| □ | Code book | □ | Data Dictionary |
| □ | Metadata based on HDX Standards | X | Data Cleaning SOPs |
| **Ethics and Legal Compliance** | | | | |
| Which ethical and legal measures will be taken? | X | Consent of participants to participate | X | Consent of participants to share personal information with other agencies |
| X | No collection of personally identifiable data will take place | X | Gender, child protection and other protection issues are taken into account |
| X | All participants reached age of majority |  | Other *[please specify]* |
| Who will own the copyright and Intellectual Property Rights for the data that is collected? | *REACH/IMPACT Initiatives* | | | |
| **Storage and Backup** | | | | |
| Where will data be stored and backed up during the research? | X | IMPACT/REACH Kobo Server | □ | Other Kobo Server: *[specify]* |
| □ | IMPACT Global Physical / Cloud Server | X | Country/Internal Server: REACH SSD Dropbbox |
| X | On devices held by REACH staff | □ | Physical location *[specify]* |
| □ | Other *[specify]* | | |
| Which data access and security measures have been taken? | X | Password protection on devices/servers | X | Data access is limited to *REACH contracted staff* |
| X | Form and data encryption on data collection server |  |  |
| □ | Other *[specify]* | | |
| **Preservation** | | | | |
| Where will data be stored for long-term preservation? | X | IMPACT / REACH Global Cloud / Physical Server | □ | OCHA HDX |
| X | REACH Country Server | □ | Other *[specify]* |
| **Data Sharing** | | | | |
| Will the data be shared publically? | X | Yes (county level dataset is shared, settlement level dataset only upon request from humanitarian agencies) | □ | No, only with mandating agency / body |
| Will all data be shared? | □ | Yes | X | No, only anonymized/ cleaned/ consolidated *[delete what does not apply]* data will be shared |
| □ | No, other *[specify]* | | |
| Where will you share the data? | X | REACH Resource Centre | X | OCHA HDX |
| X | HumanitarianResponse | □ | Other |
| **Responsibilities** | | | | |
| Data collection | *Assessment Officers, Assessment Managers, County Coordinator* | | | |
| Data cleaning | *Field Coordinators, Assessment Officer, overall oversight GIS Team* | | | |
| Data analysis | *GIS Team, Assessment Officers* | | | |
| Data sharing/uploading | *Country Coordinator* | | | |

# 7. Monitoring & Evaluation Plan

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **IMPACT Objective** | **External M&E Indicator** | **Internal M&E Indicator** | **Focal point** | **Tool** | **M&E Plan** |
| **Humanitarian stakeholders are accessing IMPACT products** | Number of humanitarian organisations accessing IMPACT services/products  Number of individuals accessing IMPACT services/products | # of downloads of x product from Resource Center | Country request to HQ | User log | X Yes □ No |
| # of downloads of x product from Relief Web | Country request to HQ | X Yes □ No |
| # of downloads of x product from Country level platforms | Country team | □ Yes X No |
| # of page clicks on x product from REACH global newsletter | Country request to HQ | X Yes □ No |
| # of page clicks on x product from country newsletter, sendingBlue, bit.ly | Country team | X Yes □ No |
| # of visits to x webmap/x dashboard | Country request to HQ | X Yes □ No |
| **IMPACT activities contribute to better program implementation and coordination of the humanitarian response** | Number of humanitarian organisations utilizing IMPACT services/products | # references in HPC documents (HNO, SRP, Flash appeals, Cluster/sector strategies) | Country team | Reference log | Humanitarian Needs Overview  Humanitarian Response Plan  Food Security and Livelihoods Cluster Response Strategy  WASH Cluster Response Strategy  UNHCR Country Strategy |
| # references in single agency documents |  |
| **Humanitarian stakeholders are using IMPACT products** | Humanitarian actors use IMPACT evidence/products as a basis for decision making, aid planning and delivery  Number of humanitarian documents (HNO, HRP, cluster/agency strategic plans, etc.) directly informed by IMPACT products | Perceived relevance of IMPACT country-programs | Country team | Usage Feedback *and* Usage Survey template | Survey monkey: As part of regular dissemination email, survey monkey sent every six months to assess usage of REACH products.  Qualitative feedback: Each REACH staff responsible for reporting back to communications manager each time agency requests REACH information or provides feedback on how REACH information has been used |
| Perceived usefulness and influence of IMPACT outputs |  |
| Recommendations to strengthen IMPACT programs |
| Perceived capacity of IMPACT staff |  |
| Perceived quality of outputs/programs |
| Recommendations to strengthen IMPACT programs |
| **Humanitarian stakeholders are engaged in IMPACT programs throughout the research cycle** | Number and/or percentage of humanitarian organizations directly contributing to IMPACT programs *(providing resources, participating to presentations, etc.)* | # of organisations providing resources (i.e.staff, vehicles, meeting space, budget, etc.) for activity implementation | Country team | Engagement log | X Yes □ No |
| # of organisations/clusters inputting in research design and joint analysis | X Yes □ No |
| # of organisations/clusters attending briefings on findings; | X Yes □ No |

**ANNEX 1: Acronyms**

REACH Internal team:

CC – Country Coordinator

SMT – Senior Management Team

SAO – Senior Assessment Officer

SGO – Senior GIS Officer

AO – Assessment officer

GO – GIS Officer

Clusters:

ICWG – Inter Cluster Working Group

FSL – Food Security and Livelihoods Cluster

WASH – Water, Sanitation and Hygiene Cluster

Shelter/NFI – Shelter and Non Food Items Cluster

Partners:

IOM DTM – International Organization for Migration, Displacement and Tracking Matrix

WFP – World Food Programme

FAO – Food and Agrciculture Organization

UNHCR – United Nations High Commission for Refugees

Data:

ACLED – Armed Conflict Location and Event Data (project)

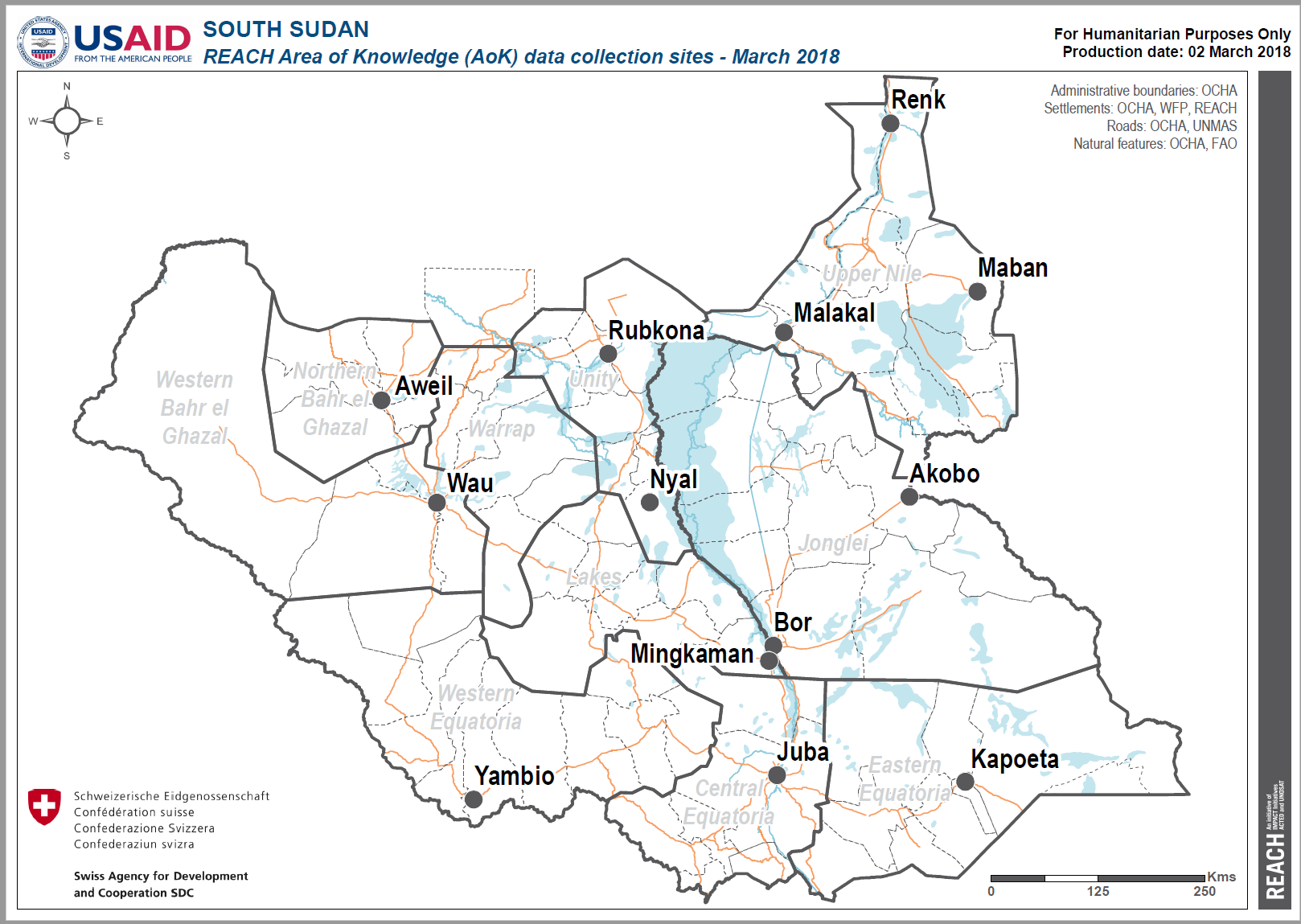
FSNMS – Food Security and Nutrition Monitoring Survey

CLIMIS – Crop and Livestock Market Information System

NIWG – Nutrition Information Working Group

**ANNEX 2: Aok Data collection sites**

Map 1: Aok data collection sites, March 2018

****

**Annex 3: Multi-sector quantitative survey tool**

## Documentation Key

|  |  |
| --- | --- |
| Option | Description |
| constraint | limitation on what value can be entered for the question. |
| excel value | monospace code block indicates a value that appears in the data output. |
| group | assigned an upper-case letter and underlined. |
| group relevant | skip logic applied to the entire group. |
| name | the value of the data output excel column. |
| note | indicated by light grey text with a left-hand vertical bar. |
| relevant | skip logic that shows/hides question based on previous selection. |
| sub-group | assigned a lower-case letter from its parent group, plus a sequential number. |
| sub-group relevant | skip logic inherited from the sub-group. |
| type | input method, one of: select one, select multiple, text, integer. |

## Table of Contents

* [A. Enumerator Info](#a-enumerator-info)
* [B. Key Informant Info](#b-key-informant-info)
* [E. Displacement for new arrivals](#e-displacement-for-new-arrivals)
* [D. Area of knowledge](#d-area-of-knowledge)
* [F. Population](#f-population)
  + [f1. Local community](#f1-local-community)
  + [f2. IDPs](#f2-idps)
  + [f3. Returnees](#f3-returnees)
* [G. Food Security](#g-food-security)
* [L. Livelihoods](#l-livelihoods)
* [H. Death](#h-death)
* [I. Health Services](#i-health-services)
* [N. Protection](#n-protection)
* [J. Shelter](#j-shelter)
* [K. Water and Sanitation](#k-water-and-sanitation)
* [M. Education](#m-education)
* [R. Camp Coordination and Camp Management](#r-camp-coordination-and-camp-management)
* [O. Land mines and unexploded ordnance](#o-land-mines-and-unexploded-ordnance)
* [P. End of interview](#p-end-of-interview)
* [Q. Final Note](#q-final-note)

Hi my name is **\_\_**. I work for REACH, an initiative of ACTED INGO. We are currently conducting a survey to understand remote locations that have little humanitarian access. We would like to know more about areas you have recently travelled to or receive information on, and what services are or are not available there. We also may ask you a few questions about yourself personally. The survey usually takes between 20 and 45 minutes to complete. Any information that you provide will be kept strictly confidential. This is voluntary and you can choose not to answer any or all of the questions if you want; you may also choose to quit at any point. However, we hope that you will participate since your views are important. Responses are not directly tied to any form of humanitarian assistance and answers given in this interview will not directly affect any status as a beneficiary or non-beneficiary. Do you have any questions? May I begin now?

## A Enumerator Info

#### 1. Enumerator ID Number

* name: enumerator\_id
* select one:
  + *1 - 30*

#### 2. How are you (Enumerator) assessing the settlement?

* name: type\_visit
* select one:
  + remote: (For all normal cases) - I'm assessing the settlement remotely through KI
  + direct: (field visits) - I'm in the settlement assessing it
  + phone: Phone calls

#### 3. Are you in an IDP/PoC Site?

* name: idp\_site
* relevant: type\_visit = remote
* select one:
  + yes: Yes
  + no: No

#### 4. Please specify the IDP site:

* name: idp\_site\_specific
* relevant: idp\_site = yes
* select one:
  + *List of IDP sites*

#### 5. What state is the location in?

* name: location\_state
* relevant: idp\_site = no
* select one:
  + *List of states*
  + outside\_ssd: Outside of South Sudan

#### 6. What county is the location in?

* name: location\_county
* relevant: idp\_site = no
* select one:
  + *List of counties*

#### 7. What settlement is your current location?

* name: location\_settlement
* relevant: idp\_site = no and location\_state =/= outside\_ssd
* select one:
  + *List of settlements*

#### 8. Please specify other settlement:

* name: location\_settlement\_other
* relevant: idp\_site = no and location\_settlement = other
* text

#### 9. Please specify which country outside of South Sudan:

* name: location\_outside\_ssd
* relevant: location\_state = outside\_ssd
* select one:
  + uga: Uganda
  + ken: Kenya
  + eth: Ethiopia
  + sud: Sudan
  + car: Central African Republic
  + drc: Democratic Republic of the Congo
  + other: Other

## B Key Informant Info

#### 1. What is the gender of the interviewee?

* name: ki\_gender
* select one:
  + male: Male
  + female: Female

#### 2. What is your age?

* name: ki\_age
* constraint: 15 < ki\_age < 126
* integer

#### 3. What is your current displacement status?

* name: disp\_status
* relevant: type\_visit = remote
* select one:
  + idp: IDP (person coming from a different settlement)
  + refugee: Refugee (person coming outside South Sudan)
  + returnee: Returnee (person displaced elsewhere in South Sudan or outside of the country and now is returned)
  + host\_community: Local community/ non-displaced person

#### 4. Are you returning from outside South Sudan?

* name: ki\_outside\_ssd
* relevant: disp\_status = returnee
* select one:
  + yes: Yes
  + no: No

#### 5. Which country are you returning from?

* name: ki\_country
* relevant: ki\_outside\_ssd = yes
* select one:
  + uga: Uganda
  + ken: Kenya
  + eth: Ethiopia
  + sud: Sudan
  + car: Central African Republic
  + drc: Democratic Republic of the Congo
  + other: Other

#### 6. When did you return?

* name: ki\_time\_arrived
* relevant: ki\_outside\_ssd = yes
* select one:
  + february\_2018: February 2018
  + january\_2018: January 2018
  + december\_2017: December 2017
  + november\_2017: November 2017
  + october\_2017: October 2017
  + september\_2017: September 2017
  + august\_2017: August 2017
  + july\_2017: July 2017
  + june\_2017: June 2017
  + may\_2017: May 2017
  + april\_2017: April 2017
  + march\_2017: March 2017
  + february\_2017: February 2017
  + january\_2017: January 2017
  + 2016: 2016
  + 2015: 2015
  + 2014: 2014
  + 2013: 2013 or before

#### 7. Did you arrive as a resident for the first time at this site within the last month?

* name: newarrival
* relevant: disp\_status =/= host\_community
* select one:
  + yes: Yes
  + no: No

## E Displacement for new arrivals

You will now be asked about how you were displaced during the conflict. The questions will focus on how and why you came to ${idp\_site\_specific} ${location\_settlement} from your most recent displacement location.

* group relevant: newarrival = yes

#### 1. What state were you in, when you were most recently displaced?

* name: disp\_state
* select one:
  + *List of states*

#### 2. What county were you in, when you were most recently displaced?

* name: disp\_county
* select one:
  + *List of counties*

#### 3. When were you most recently displaced from that location?

* name: how\_long\_displaced
* select one:
  + february\_2018: February 2018
  + january\_2018: January 2018
  + december\_2017: December 2017
  + november\_2017: November 2017
  + october\_2017: October 2017
  + september\_2017: September 2017
  + august\_2017: August 2017
  + july\_2017: July 2017
  + june\_2017: June 2017
  + may\_2017: May 2017
  + april\_2017: April 2017
  + march\_2017: March 2017
  + february\_2017: February 2017
  + january\_2017: January 2017
  + 2016: 2016
  + 2015: 2015
  + 2014: 2014
  + 2013: 2013 or before

#### 4. What is the main reason that you left ${disp\_county}?

* name: disp\_why\_reason\_1
* select one:
  + reas\_lack\_securty: Lack of security (killing, rape, fighting)
  + reas\_lack\_health: Lack of health services
  + reas\_lack\_educ: Lack of education services
  + reas\_lack\_food: Lack of food
  + reas\_lack\_shelter: Lack of shelter
  + reas\_lack\_water: Lack of water
  + reas\_far\_family: Far from the family
  + reas\_job: No job
  + reas\_frictions: Tensions with host community
  + cattle\_raid: Cattle raiding
  + disease\_outbreak: Disease outbreak
  + none: No reason
  + other: Other
  + dontknow: I don't know or don’t want to answer

#### 5. What is the main reason you chose to come to ${idp\_site\_specific} ${location\_settlement} or the surrounding area?

* name: dest\_loc\_why\_reason1
* select one:
  + security: Security
  + health\_ser: Presence of health services
  + educ\_ser: Presence of education services
  + food\_dist: Presence of food distribution
  + local\_food: Availability of local food
  + shelter: Presence of shelter
  + water: Presence of water
  + job: Presence of jobs
  + family: Joining my family
  + no\_reason: No reasons
  + other: Other
  + dontknow: I don't know or don’t want to answer

#### 6. How long do you and your family intend to remain in ${idp\_site\_specific} ${location\_settlement} or the surrounding area?

* name: dest\_loc\_intention
* select one:
  + less\_2w: Less than 2 weeks
  + 2w\_1m: 2 weeks – less than 1 month
  + 1m\_3m: 1 month – less than 3 months
  + 3m\_6m: 3 months – less than 6 months
  + 6m\_more: More than 6 months
  + dontknow: I don't know or don’t want to answer

## D Area of Knowledge

You mentioned that you have information about an area in South Sudan. You will now be asked about this location.

#### 1. What state is the location in?

* name: info\_state
* select one:
  + *List of states*

#### 2. What county is the location in?

* name: info\_county
* select one:
  + *List of counties*

#### 3. What settlement is the location in?

* name: info\_settlement
* select one:
  + *List of settlements*

#### 4. Please specify other settlement:

* name: info\_settlement\_other
* relevant: info\_settlement = other
* text

#### 5. In the last month, what is the estimated size of ${info\_settlement} in terms of number of people?

* name: info\_size
* select one:
  + 1\_50: 1 - 50
  + 51\_100: 51 – 100
  + 101\_500: 101 – 500
  + 501\_1000: 501 – 1000
  + 1001\_plus: 1001+
  + dontknow: I don't know or don’t want to answer

#### 6. How do you have knowledge about ${info\_settlement}?

* name: type\_contact
* relevant: type\_visit = remote
* select one:
  + remote\_contact: I have contact with a person or persons living in village
  + direct\_contact: I have recently visited the area

#### 7. When was the last time you have been in ${info\_settlement}?

* name: last\_visit
* relevant: type\_contact = direct\_contact and type\_visit = remote
* select one:
  + within\_last\_month: I have been to the site within the last month
  + more\_than\_one\_month: I have been to the the site more than a month ago

#### 8. How is the person or persons contacted remotely?

* name: remotely\_how
* sub-group: d1. (Remote contact)
* sub-group relevant: type\_contact = remote\_contact and type\_visit = remote
* select multiple:
  + m\_phone: Mobile phone
  + s\_phone: Satellite phone (Thuraya)
  + internet: Computer internet
  + mob\_app: Mobile phone app (Whatsapp, etc.)
  + radio: HF or VHF Radio
  + other: Other
  + dontknow: I don't know or don’t want to answer

#### 9. When was the last time this person or persons was contacted?

* name: last\_contact
* sub-group: d1. (Remote contact)
* sub-group relevant: type\_contact = remote\_contact and type\_visit = remote
* select one:
  + within\_last\_month: Last contacted the person or persons within a month
  + more\_than\_one\_month: Last contacted the person or persons more than a month ago

## F Population

* group relevant: last\_visit = within\_last\_month or last\_contact = within\_last\_month or type\_visit = phone or type\_visit = direct

### f1 Local community

You will now be asked information about the local community living in ${info\_settlement}, and have never been displaced outside of ${info\_settlement} during the crisis.

#### 1. Are there still members of the local community living in ${info\_settlement}?

* name: hc\_now
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 2. In the last month, what proportion of the population REMAINS in ${info\_settlement}?

* name: hc\_remain\_perc
* sub-group: f1. (local community in ${info\_settlement})
* sub-group relevant: hc\_now = yes
* select one:
  + none: None
  + less\_than\_50: Less than half
  + 50: Half
  + more\_than\_fifty: More than half
  + all: All
  + dontknow: I don't know or don’t want to answer

#### 3. Where is the largest proportion of the local community living in ${info\_settlement}?

* name: hc\_location
* sub-group: f1. (local community in ${info\_settlement})
* sub-group relevant: hc\_now = yes
* select one:
  + own\_home: Their own homes
  + other\_home: Another home in the same village
  + community\_bldg: Community buildings (church, school, hospital, abandoned structure)
  + bush: Away from their homes in the bush / swamp / forest / hills
  + dontknow: I don't know or don’t want to answer
  + other: Other

#### 4. What is the gender ratio for remaining local community members in ${info\_settlement}?

* name: hc\_sex
* sub-group: f1. (local community in ${info\_settlement})
* sub-group relevant: hc\_now = yes
* select one:
  + all\_women: All/ almost all women
  + more\_women: More women than men
  + equal: About equal
  + more\_men: More men than women
  + all\_men: All/ almost all men
  + dontknow: I don't know or don’t want to answer

#### 5. What is the age ratio for remaining local community members in ${info\_settlement}?

* name: hc\_age
* sub-group: f1. (local community in ${info\_settlement})
* sub-group relevant: hc\_now = yes
* select one:
  + elderly: Mostly older people
  + all\_adults: All/ almost all adults
  + more\_adults: More adults than children
  + equal: About the same number of children and adults
  + more\_kids: More children than adults
  + all\_kids: All/ almost all children
  + dontknow: I don't know or don’t want to answer

### f2 IDPs

You will now be asked information about any IDPs living in ${info\_settlement}. An IDP is a person coming from a different settlement.

#### 1. Are there any IDPs in ${info\_settlement}?

* name: idp\_now
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 2. Approximately when did the most recent IDPs arrive in ${info\_settlement}?

* name: idp\_time\_arrive
* sub-group: f2. (IDPs Living in ${info\_settlement})
* sub-group relevant: idp\_now = yes
* select one:
  + february\_2018: February 2018
  + january\_2018: January 2018
  + december\_2017: December 2017
  + november\_2017: November 2017
  + october\_2017: October 2017
  + september\_2017: September 2017
  + august\_2017: August 2017
  + july\_2017: July 2017
  + june\_2017: June 2017
  + may\_2017: May 2017
  + april\_2017: April 2017
  + march\_2017: March 2017
  + february\_2017: February 2017
  + january\_2017: January 2017
  + 2016: 2016
  + 2015: 2015
  + 2014: 2014
  + 2013: 2013 or before

#### 3. What proportion of the population in ${info\_settlement} consist of IDPs?

* name: idp\_perc
* sub-group: f2. (IDPs Living in ${info\_settlement})
* sub-group relevant: idp\_now = yes
* select one:
  + none: None
  + less\_than\_50: Less than half
  + 50: Half
  + more\_than\_fifty: More than half
  + all: All
  + dontknow: I don't know or don’t want to answer

#### 4. Where is the largest proportion of IDPs living?

* name: idp\_location
* sub-group: f2. (IDPs Living in ${info\_settlement})
* sub-group relevant: idp\_now = yes
* select one:
  + poc: PoC
  + spont\_settle: In a spontaneous settlement
  + host\_com: With the host community
  + community\_bldg: Community buildings (church, school, hospital, abandoned structure)
  + bush: In the bush
  + dontknow: I don't know or don’t want to answer
  + other: Other

#### 4. What is the gender ratio of IDPs in ${info\_settlement}?

* name: idp\_sex
* sub-group: f2. (IDPs Living in ${info\_settlement})
* sub-group relevant: idp\_now = yes
* select one:
  + all\_women: All/ almost all women
  + more\_women: More women than men
  + equal: About equal
  + more\_men: More men than women
  + all\_men: All/ almost all men
  + dontknow: I don't know or don’t want to answer

#### 5. What is the age ratio of IDPs in ${info\_settlement}?

* name: idp\_age
* sub-group: f2. (IDPs Living in ${info\_settlement})
* sub-group relevant: idp\_now = yes
* select one:
  + elderly: Mostly older people
  + all\_adults: All/ almost all adults
  + more\_adults: More adults than children
  + equal: About the same number of children and adults
  + more\_kids: More children than adults
  + all\_kids: All/ almost all children
  + dontknow: I don't know or don’t want to answer

#### 6. Do you know where the majority of IDPs in ${info\_settlement} come from?

* name: idp\_source
* sub-group: f2. (IDPs Living in ${info\_settlement})
* sub-group relevant: idp\_now = yes
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 7. What state are the IDPs mainly from?

* name: idp\_source\_state
* sub-group: f2. (IDPs Living in ${info\_settlement})
* sub-group relevant: idp\_now = yes
* relevant: idp\_source = yes
* select one:
  + *List of states*

#### 8. What county are the IDPs mainly from?

* name: idp\_source\_county
* sub-group: f2. (IDPs Living in ${info\_settlement})
* sub-group relevant: idp\_now = yes
* relevant: idp\_source = yes
* select one:
  + *List of counties*

#### 9. Do you know how long do most IDPs living in ${info\_settlement} intend to remain?

* name: idp\_intention
* sub-group: f2. (IDPs Living in ${info\_settlement})
* sub-group relevant: idp\_now = yes
* select one:
  + less\_2w: Less than 2 weeks
  + 2w\_1m: 2 weeks – less than 1 month
  + 1m\_3m: 1 month – less than 3 months
  + 3m\_6m: 3 months – less than 6 months
  + 6m\_more: More than 6 months
  + dontknow: I don't know or don’t want to answer

#### 10. Are most IDPs in ${info\_settlement} reciveing food, NFIs, or shelter from the local community or an NGO?

* name: idp\_supported
* sub-group: f2. (IDPs Living in ${info\_settlement})
* sub-group relevant: idp\_now = yes
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

### f3 Returnees

You will now be asked information about any local community from ${info\_settlement}, that was displaced elsewhere in South Sudan or outside of the country and now is returned to ${info\_settlement}.

#### 1. Have any local community returned to ${info\_settlement} after being displaced in another area?

* name: hcdisp\_now
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 2. Approximately when did they return to ${info\_settlement}?

* name: returnee\_time\_arrived
* sub-group: f3. (local community that have Returned to ${info\_settlement})
* sub-group relevant: hcdisp\_now = yes
* select one:
  + february\_2018: February 2018
  + january\_2018: January 2018
  + december\_2017: December 2017
  + november\_2017: November 2017
  + october\_2017: October 2017
  + september\_2017: September 2017
  + august\_2017: August 2017
  + july\_2017: July 2017
  + june\_2017: June 2017
  + may\_2017: May 2017
  + april\_2017: April 2017
  + march\_2017: March 2017
  + february\_2017: February 2017
  + january\_2017: January 2017
  + 2016: 2016
  + 2015: 2015
  + 2014: 2014
  + 2013: 2013 or before

Outside of groups f1, f2, f3

#### 1. How has the arrival of new population had any impact on the ability to access enough food in ${info\_settlement}?

* name: shock\_arrival
* relevant: hcdisp\_now = yes or idp\_now = yes
* select one:
  + no\_impact: No impact on access to food
  + impact\_small: small impact
  + impact\_large: large impact
  + dontknow: I don't know or don’t want to answer

## G Food Security

You will now be asked about food security conditions in ${info\_settlement} now. Please be as detailed as possible.

* group relevant: last\_visit = within\_last\_month or last\_contact = within\_last\_month or type\_visit = phone or type\_visit = direct

#### 1. Are people currently able to access enough food in ${info\_settlement}?

* name: food\_now
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 2. What is the main reason why people can't access enough food in ${info\_settlement}?

* name: food\_no\_reason1
* relevant: food\_now = no
* select one:
  + unsafe: Unsafe to access land
  + lack\_land: There is not enough cultivation land
  + crops\_destroyed\_flood: Crops have been destroyed by flooding
  + crops\_destroyed\_pests: Crops have been destroyed by pests
  + lack\_rain: Lack of rain has reduced previous harvest
  + crops\_destroyed\_fight: Crops have been destroyed by conflict
  + disrupt\_displace: Cultivation disrupted by displacement
  + grow\_short: Growing season was too short
  + crops\_stolen: Crops have been stolen
  + no\_livestock: No livestock
  + food\_dist\_stop: Food distribution no longer occurs
  + no\_market: No functioning market
  + high\_prices: Prices too high to buy food
  + no\_nets: Lack of fishing nets
  + nothing: No reason
  + dontknow: I don't know or don’t want to answer
  + other: Other

#### 3. How bad is the hunger because people are not able to access enough food in ${info\_settlement}?

* name: shock\_hunger
* relevant: food\_now = no
* select one:
  + no\_hunger: Almost no hunger
  + hunger\_small: Hunger is small, strategies are available to cope with the reduced access to food
  + hunger\_severe: Hunger is bad, limited options to cope with the reduced access to food
  + hunger\_worst: Hunger is the worst it can be, all over the settlement, and causing many deaths
  + dontknow: I don't know or don’t want to answer

#### 4. In the last month, what types of food were regularly eaten in ${info\_settlement}?

* name: food\_now\_type
* select multiple:
  + Main\_staples: Cereals & roots (sorghum, maize, millet, rice, bread, porridge, cassava)
  + Meat: Meat and eggs
  + Milk\_Diary: Milk and dairy (e.g. milk, cheese)
  + dontknow: I don't know or don’t want to answer

#### 5. What is the main source of food in ${info\_settlement} now?

* name: food\_source
* select one:
  + cultivated: Own production (cultivated)
  + livestock: Own production (livestock)
  + forage: Foraged for wild foods
  + fishing\_hunting: Fishing / Hunting
  + bought: Bought with cash
  + barter: Exchange goods for goods (bartering)
  + family\_friends: Given by family, friends, or other local people
  + ngo: Humanitarian assistance
  + govt: Government food distribution
  + ffa\_cfa: Food / Cash for work
  + nothing: Nothing
  + dontknow: I don't know or don’t want to answer
  + other: Other

#### 6. How often are wild foods eaten as part of a main meal in ${info\_settlement}?

* name: food\_wild\_proportion
* select one:
  + all\_time: Almost all the time
  + sometime: Sometimes
  + never: Almost never
  + dontknow: I don't know or don’t want to answer

#### 7. Are wild foods consumed in ${info\_settlement} making people sick?

* name: food\_wild\_emergency
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 8. On average (normally), how many meals did families consume per day in ${info\_settlement}?

* name: meals\_number
* select one:
  + Less\_than\_1: Less than 1
  + 1: 1
  + 2: 2
  + 3: 3
  + 3\_plus: 3+
  + dontknow: I don’t know/ I don’t want to answer

#### 9. What strategies have people in ${info\_settlement} used to cope with a lack of food or money to buy food? (read options out loud)

* name: food\_coping\_comsumption
* select multiple:
  + less\_expensive\_food: Rely on less preferred and less expensive food (i.e. cheaper, lower quality food)
  + limit\_meal\_size: Limit portion sizes at meal times
  + only\_children\_eat: Adults do not eat so children can eat
  + reduce\_meals: Reduce number of meals eaten in a day
  + skip\_days: Skip entire days without eating
  + none: None
  + other: Other
  + dontknow: I don't know or don’t want to answer

#### 10. Has any of the population in ${info\_settlement} received food assistance (general food distribution/ food for work/ cash for work) in the last three months?

* name: food\_distr
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 11. In the last month, was the community expecting a distribution of food assistance that did not occur for any reason?

* name: food\_distr\_not
  + select one:
    - yes: Yes
    - no: No
    - dontknow: I don't know or don’t want to answer

#### 12. Is there currently a functioning market that you can physically access FROM ${info\_settlement}?

* name: market\_now
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 13. Has there been an increase in the price of CERIALS (sorghum, maize, millet, etc) over the past month in ${info\_settlement}?

* name: cerial\_price\_increase
* relevant: market\_now = yes
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 14. How has the increase in cerial price in the last month affected the ability of people to access enough food in ${info\_settlement}?

* name: shock\_cerial\_price
* relevant: cerial\_price\_increase = yes
* select one:
  + no\_impact: No impact on access to food
  + impact\_small: small impact
  + impact\_large: large impact
  + dontknow: I don't know or don’t want to answer

## L Livelihoods

You will now be asked about livelihoods conditions in ${info\_settlement} now. Please be as detailed as possible.

* group relevant: last\_visit = within\_last\_month or last\_contact = within\_last\_month or type\_visit = phone or type\_visit = direct

#### 1. What strategies have people in ${info\_settlement} used to cope with a lack of food or money to buy food? (read options out loud)

* name: food\_coping\_livelihoods
* select multiple:
  + borrow\_food: Borrow food or get help from a friend or relative
  + borrow\_money: Purchase food with borrowed money
  + gather\_wild\_food: Gather wild food
  + consume\_seeds: Consume seed stock meant for next season or harvest crops that are not yet ready
  + send\_children\_to\_neighbors: Send children to eat with neighbors
  + household\_begs: Asking non-relatives for food
  + sell\_home\_assets: Sell home assets
  + sell\_livestock: Selling more livestock than usual for this time of year
  + slaughter\_livestock: Slaughtering more cattle than normal for this time of year
  + hunting\_fishing: More hunting or fishing than normal for this time of year
  + cattle\_camps: Families moving to cattle / fishing camps more often than normal
  + displacement\_camp: Sending families out to displacement camps to recieve food aid
  + none: None
  + other: Other
  + dontknow: I don't know or don’t want to answer

#### 2. Can everyone have physical access to land for cultivation in ${info\_settlement}?

* name: land\_available
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 3. Is there access to enough seeds / tools / etc in ${info\_settlement} now?

* name: ag\_inputs
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 4. Are members of the community currently engaging in any of the following activities in ${info\_settlement}? (read options out loud)

* name: current\_activities
* select multiple:
  + Crops\_for\_cash: Crops for cash
  + Crops\_for\_sustenance: Crops for sustenance
  + Livestock: Livestock
  + Fishing\_hunting: Fishing or hunting
  + Casual\_labour: Casual labour
  + Salaries: Earning salaries
  + Remittances: Remittances (receiving money from relatives or friends outside of the settlement)
  + poultry: Poultry (chicken)
  + Other: Other
  + none: None
  + dontknow: I don't know or don’t want to answer

#### 5. Are members of the community living in the settlement possessing or owning cattle either near ${info\_settlement} or at pasture?

* name: cattle\_possession
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 6. Are members of the community currently able to physically access cattle in ${info\_settlement} or at pasture?

* name: cattle\_access
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 7. In the last month, has there been a disease outbreak among livestock owned by the community in ${info\_settlement}?

* name: livestock\_disease
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 8. How have livestock disease outbreaks in the last month affected the ability of people to access enough food in ${info\_settlement}?

* name: shock\_livestock
* relevant: livestock\_disease = yes
* select one:
  + no\_impact: No impact on access to food
  + impact\_small: small impact
  + impact\_large: large impact
  + dontknow: I don't know or don’t want to answer

## H Death

* group relevant: last\_visit = within\_last\_month or last\_contact = within\_last\_month or type\_visit = phone or type\_visit = direct

#### 1. In the past month, what has been the main cause of death in ${info\_settlement}?

* name: death\_cause1
* select one:
  + malaria\_fever: Malaria / Fever
  + cholera\_diarrhea: Cholera / Diarrhea
  + hunger\_malnutrition\_kalazar: Hunger / Malnutrition
  + kalazar: Kalazar
  + conflict: Conflict
  + natural: Natural causes of death (e.g. old age)
  + hiv\_aids: HIV / AIDS
  + other: Other
  + nothing: Nothing
  + dontknow: I don't know or don’t want to answer

#### 2. Have more people of any age died than normal in the last month in ${info\_settlement}?

* name: mortality\_increase
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

## I Health Services

You will now be asked about health conditions in ${info\_settlement} now. Please be as detailed as possible.

* group relevant: last\_visit = within\_last\_month or last\_contact = within\_last\_month or type\_visit = phone or type\_visit = direct

#### 1. Are health care facilities providing services that you can physically access FROM ${info\_settlement} now?

* name: health\_now
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 2. How long does it take by foot does it to get to a health facility from ${info\_settlement}?

* name: health\_dist
* relevant: health\_now = yes
* select one:
  + under\_30\_minutes: Under 30 minutes
  + 30\_minutes\_1\_hour: 30 minutes to less than 1 hour
  + 1\_hour\_half\_day: One hour to less than half a day
  + half\_day: Half a day
  + full\_day: More than half a day
  + dontknow: I don't know or don’t want to answer

#### 3. What is the main reason that health facilities are not available in ${info\_settlement}?

* name: health\_no\_reason1
* relevant: health\_now = no
* select one:
  + never\_there: There were never health facilities nearby
  + no\_staff: There are no health care workers in the area
  + no\_drugs: There is no medicine available
  + security: The area is too insecure
  + destroyed\_viol: Facilites were destroyed by fighting
  + destroyed\_nd: Facilities were destroyed by natural disaster (flood, fire, or other)
  + too\_distant: The facilities are too distant
  + nothing: Nothing
  + other: Other
  + dontknow: I don't know or don’t want to answer

#### 4. What health problem is most common in ${info\_settlement}?

* name: health\_problems1
* select one:
  + malaria: Malaria
  + breath\_problem: Breathing problems
  + malnutrition: Malnutrition
  + wounds: Wounds from fighting
  + diarrhea: Diarrhea
  + stomachpain: Stomach pain
  + fever: Fever
  + cholera: Cholera
  + pneumonia: Pneumonia
  + typhoid: Typhoid
  + tb: Tuberculosis
  + kalazar: Kalazar
  + skin\_disease: Skin disease
  + brucelosis: Brucelosis
  + chicken\_pox: Chicken pox
  + syphilis: Syphilis
  + AIDS\_HIV: AIDS/HIV
  + bilharzia: Bilharzia
  + hepatitis: Hepatitis
  + anal\_haemorrhage: Anal haemorrhage (Bowsir)
  + nodding: Nodding disease
  + none: No common health problems
  + other: Other
  + dontknow: I don't know or don’t want to answer

#### 5. How has ${health\_problems1} affected the ability of people to access enough food to eat in ${info\_settlement}?

* name: shock\_health
* constraint: IF health\_problems1 = malnutrition THEN shock\_health =/= no\_impact
* select one:
  + no\_impact: No impact on access to food
  + impact\_small: small impact
  + impact\_large: large impact
  + dontknow: I don't know or don’t want to answer

#### 6. What health care items are most needed in ${info\_settlement}? (select multiple)

* name: health\_items
* select multiple:
  + ors: ORS (oral rehydration salts)
  + drugs: Drugs/medicine (unspecified)
  + malaria\_drugs: Malaria drugs
  + nutrition\_supplements: Nutrition supplement supplies
  + first\_aid: First aid kits (for wounds)
  + none: Nothing
  + dontknow: I don't know or don’t want to answer
  + other: Other

#### 7. Are feeding programmes that provide Plumpy Sup, CSB++ or other nutrition items available in ${info\_settlement}?

* name: supp\_feeding
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

## N Protection

You will now be asked about physical protection for individuals and the community in ${info\_settlement} now. Please be as detailed as possible.

* group relevant: last\_visit = within\_last\_month or last\_contact = within\_last\_month or type\_visit = phone or type\_visit = direct

#### 1. To what extent do members of the community feel safe in ${info\_settlement}?

* name: prot\_feel
* select one:
  + all\_time: Almost all the time
  + sometime: Sometimes
  + never: Almost never
  + dontknow: I don't know or don’t want to answer

#### 2. In the last month, has there been an incidence of conflict in ${info\_settlement} which has either killed a civilian or has damaged property?

* name: prot\_incidence
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 3. In the last month, has there been incidents of looting of property (where most property was stolen from one or more households) in ${info\_settlement}?

* name: prot\_looting
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 4. How have these incidents affected the ability of people to access enough food to eat in ${info\_settlement}?

* name: shock\_protection
* relevant: prot\_incidence = yes OR prot\_looting = yes
* select one:
  + no\_impact: No impact on access to food
  + hunger\_small: Hunger is small, strategies are available to cope with the reduced access to food
  + hunger\_severe: Hunger is bad, limited options to cope with the reduced access to food
  + hunger\_worst: Hunger is is the worst it can be, all over the settlement, and causing many deaths
  + dontknow: I don't know or don’t want to answer

#### 5. What is the main safety concern for (women / men / girls / boys) in ${info\_settlement} now?

* name: prot\_women\_concern, prot\_men\_concern, prot\_girls\_concern, prot\_boys\_concern
* select one:
  + kill\_inj\_same: Killing/injury same tribe
  + kill\_inj\_oth: Killing/injury other tribe
  + sex\_viol: Sexual violence
  + abduct: Abduction
  + forced\_recruit: Forced recruitment
  + looting: Looting/criminality
  + cattle\_raid: Cattle raids
  + family\_sep: Family separation
  + early\_marr: Early/forced marriage
  + dom\_viol: Domestic violence
  + harass: Harassment to disclose information
  + neighbors: Violence between neighbours
  + none: No issue
  + dontknow: I don't know or don’t want to answer
  + other: Other

#### 6. In the last month, have there been children with no caretaker or relative looking after them living in ${info\_settlement}?

* name: prot\_unaccompanied
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 7. How are the current relations between IDPs/refugees/returnees and the local community in ${info\_settlement}?

* name: comm\_relations
* relevant: idp\_now = yes
* select one:
  + very\_good: Very Good
  + good: Good
  + neutral: Neutral
  + poor: Poor
  + very\_poor: Very poor
  + dontknow: I don't know or don’t want to answer

## J Shelter

You will now be asked about shelter conditions in ${info\_settlement} now. Questions will be asked about shelter for local community and IDPs. Please be as detailed as possible.

* group relevant: last\_visit = within\_last\_month or last\_contact = within\_last\_month or type\_visit = phone or type\_visit = direct

#### 1. What is the main shelter type currently used by the local community in ${info\_settlement}?

* name: hc\_shelter\_type1
* sub-group: j1. (Recent local community Shelter Conditions)
* sub-group relevant: hc\_now = yes
* select one:
  + permanent: Permanent structure (e.g. brick, metal roof)
  + tukul: Tukul
  + rakooba: Rakooba
  + tent: Tent
  + improvised: Improvised shelter (plastic sheet and other materials)
  + abandoned: Abandoned building
  + community\_bldg: Community building (church, school, hospital, abandoned structure)
  + none: No shelter (sleeping in the open)
  + no\_other: No other type of shelter
  + dontknow: I don't know or don’t want to answer
  + other: other

#### 2. What is the main shelter type currently used by IDPs in ${info\_settlement}?

* name: idp\_shelter\_type1
* sub-group: j2. (Recent IDPs Shelter Conditions)
* sub-group relevant: idp\_now = yes
* select one:
  + permanent: Permanent structure (e.g. brick, metal roof)
  + tukul: Tukul
  + rakooba: Rakooba
  + tent: Tent
  + improvised: Improvised shelter (plastic sheet and other materials)
  + abandoned: Abandoned building
  + community\_bldg: Community building (church, school, hospital, abandoned structure)
  + none: No shelter (sleeping in the open)
  + no\_other: No other type of shelter
  + dontknow: I don't know or don’t want to answer
  + other: other

#### 3. What proportion of IDPs are living in the open without shelter in ${info\_settlement}?

* name: shelter\_open
* relevant: idp\_now = yes
* select one:
  + none: None
  + less\_than\_50: Less than half
  + 50: Half
  + more\_than\_fifty: More than half
  + all: All
  + dontknow: I don't know or don’t want to answer

#### 4. What shelter building materials are currently available in ${info\_settlement}?

* name: shelter\_materials
* select multiple:
  + grass: Grass
  + mud: Mud
  + timber: Timber
  + rope: Rope (local or NGO)
  + ps: Plastic sheet (local or NGO)
  + pole: Local pole
  + none: None
  + dontknow: I don't know or don’t want to answer
  + other: other

#### 5. In the last month, have shelters in ${info\_settlement} been destroyed or partially destroyed during fighting?

* name: shelter\_damage
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 6. What proportion of shelters have been destroyed in ${info\_settlement}?

* name: shelter\_destroyed\_percent
* relevant: shelter\_damage = yes
* select one:
  + very\_few: Very few were destroyed
  + half: Around half were destroyed
  + all: All/ almost all were destroyed
  + dontknow: I don't know or don’t want to answer

#### 7. What non-food-items are available and used by IDPs living in ${info\_settlement}?

* name: nfi\_available
* relevant: idp\_now = yes
* select multiple:
  + blanket: Blanket
  + sleeping\_mat: Sleeping mat
  + jerry\_can: Jerry can
  + cooking\_pot: Cooking pot
  + mosquito\_net: Mosquito net
  + bucket: Bucket
  + soap: Soap
  + none: None
  + dontknow: I don't know or don’t want to answer
  + other: Other

#### 8. How did IDPs get the available non-food-items in ${info\_settlement}?

* name: nfi\_source
* relevant: idp\_now = yes and nfi\_available =/= none and nfi\_available =/= dontknow
* select multiple:
  + pre\_displacement: Brought with them from their pre-displacement home
  + market: Purchased in market
  + local\_community: Provided by local (host) community
  + ngo: Provided by humanitarian actors
  + dontknow: I don't know or don’t want to answer
  + other: Other

#### 9. What non-food-item will the local community need most to meet immediate needs of IDPs in ${info\_settlement}?

* name: nfi\_need1
* relevant: idp\_now = yes
* select one:
  + blanket: Blanket
  + sleeping\_mat: Sleeping mat
  + jerry\_can: Jerry can
  + cooking\_pot: Cooking pot
  + mosquito\_net: Mosquito net
  + bucket: Bucket
  + soap: Soap
  + plastic\_sheet: Plastic Sheet
  + rope: Rope
  + pole: Pole
  + dontknow: I don't know or don’t want to answer
  + other: Other

#### 10. In the last three months, has there been a distribution of non-food-items in ${info\_settlement}?

* name: nfi\_distribution
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

## K Water and Sanitation

You will now be asked about WASH conditions in ${info\_settlement} now. Please be as detailed as possible.

* relevant: last\_visit = within\_last\_month or last\_contact = within\_last\_month or type\_visit = phone or type\_visit = direct

#### 1. Are there any boreholes in ${info\_settlement}?

* name: water\_boreholes
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 2. Are any of those boreholes functional?

* name: water\_boreholes\_functional
* relevant: water\_boreholes = yes
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 3. What is the main source of drinking water (clean or unclean) for people living in ${info\_settlement} now?

* name: water\_now\_how
* select one:
  + borehole: Borehole
  + tapstand: Tap stand
  + prot\_well: Protected well
  + unprot\_well: Unprotected well
  + water\_truck: Water truck
  + donkey: Donkey cart
  + water\_yard: Water yard
  + swamp: Swamp
  + pond: Pond / haffir / toich
  + river: River / stream
  + dontknow: I don't know or don’t want to answer
  + other: Other

#### 4. Are livestock or other animals currently using the same source of water as people or kept close to the water source?

* name: water\_source\_animals
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 5. How long does it take to reach, access and return from the ${water\_now\_how} with water in ${info\_settlement} ?

* name: water\_now\_time
* select one:
  + under\_30\_minutes: Under 30 minutes
  + 30\_minutes\_1\_hour: 30 minutes to less than 1 hour
  + 1\_hour\_half\_day: One hour to less than half a day
  + half\_day: Half a day
  + full\_day: More than half a day
  + dontknow: I don't know or don’t want to answer

#### 6. Have you not been able to access your preferred water point because you feared for your safety?

* name: water\_safety
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 7. Is your preferred water source available in both wet and dry season?

* name: water\_source\_seasonal
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 8. What proportion of people in ${info\_settlement} are using latrines?

* name: latrine\_usage
* select one:
  + none: None
  + less\_than\_50: Less than half
  + 50: Half
  + more\_than\_fifty: More than half
  + all: All
  + dontknow: I don't know or don’t want to answer

1. **Why do some people in ${info\_settlement} not use latrines?**

* name: latrine\_no\_usage
* relevant: latrine usage =/= all and latrine usage =/= dontknow
* select one:
  + none\_available: None available
  + not\_functional: Not functional
  + overcrowded: Not enough / overcrowded
  + dirty: Too dirty / full
  + far: Too far
  + cultural\_reasons: Cultural reasons
  + dontknow: I don't know or don’t want to answer

1. **What do most people in ${info\_settlement} use to wash their hands?**

* name: hand\_washing
* select one:
  + soap: Soap
  + ash: Ash
  + only\_water: Only water
  + dont\_wash: Don't wash hands
  + dontknow: I don't know or don’t want to answer

## M Education

You will now be asked about education conditions in ${info\_settlement} now. Please be as detailed as possible.

* group relevant: last\_visit = within\_last\_month or last\_contact = within\_last\_month or type\_visit = phone or type\_visit = direct

#### 1. Are educational services currently available accessible FROM ${info\_settlement}?

* name: edu\_now
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 2. What is the main reason that education services are not available in ${info\_settlement}?

* name: edu\_no\_reason
* relevant: edu\_now = no
* select one:
  + no\_facilities: There were never education facilities near by
  + facilities\_dest\_disas: Education facilities destroyed by natural disaster (flooding, fire)
  + facilities\_dest\_con: Education facilities destroyed by conflict
  + repurpose: Education facilities now being used for other purposes
  + no\_teachers: There were never any teachers
  + teachers\_fled: Teachers have been displaced
  + teachers\_stop\_work: Teachers have stopped working
  + security: Cannot access due to security concerns
  + too\_distant: The facilities are too distant
  + nothing: Nothing
  + dontknow: I don't know or don’t want to answer
  + other: Other

#### 3. In ${info\_settlement}, what proportion of 6-17 year girls and 6-17 year boys are attending school?

* name: edu\_girl\_attendance, edu\_boy\_attendance
* relevant: edu\_now = yes
* select one:
  + none: None
  + less\_than\_50: Less than half
  + 50: Half
  + more\_than\_fifty: More than half
  + all: All
  + dontknow: I don't know or don’t want to answer

#### 4. What is the main reason GIRLS are not attending school in ${info\_settlement}?

* name: attendance\_no\_reason1\_girls
* relevant: edu\_now = yes and edu\_girl\_attendance =/= all
* select one:
  + fees: They cannot afford the school fees
  + need\_work\_ag: They need to work outside the home (agriculture, labour, cattle camps)
  + need\_work\_hh: They need to work in the home
  + no\_girls: Girls are not supposed to attend school
  + hynger: Hunger
  + insecurity: Area is too dangerous
  + no\_supplies: There are no school supplies (stationary, for example)
  + mensturation: Issues related to menstruation (lack of hygiene items and lack of WASH facilities at schools)
  + none: No reason
  + dontknow: I don't know or don’t want to answer
  + other: Other

#### 5. What is the main reason BOYS are not attending school in ${info\_settlement}?

* name: attendance\_no\_reason1\_boys
* relevant: edu\_now = yes and edu\_boy\_attendance =/= all
* select one:
  + fees: They cannot afford the school fees
  + need\_work\_ag: They need to work outside the home (agriculture, labour, cattle camps)
  + need\_work\_hh: They need to work in the home
  + hynger: Hunger
  + insecurity: Area is too dangerous
  + no\_supplies: There are no school supplies (stationary, for example)
  + none: No reason
  + dontknow: I don't know or don’t want to answer
  + other: Other

## R Camp Coordination and Camp Management

You will now be asked about camp coordination and camp management (CCCM) in ${info\_settlement}. Please be as detailed as possible.

* group relevant: last\_visit = within\_last\_month or last\_contact = within\_last\_month or type\_visit = phone or type\_visit = direct

#### 1. Is there an RRC Office or RRC representative accessible from ${info\_settlement} ?

* name: rrc\_present
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 2. Is there community leadership present in ${info\_settlement} (committes, village leaders, etc)?

* name: community\_leadership
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 3. Are IDPs included in committees or leadership structures in ${info\_settlement}?

* name: idp\_leadership
* relevant: community\_leadership = yes and idp\_now = yes
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 4. How often does the community leadership meet in ${info\_settlement}?

* name: leadership\_meetings
* relevant: community\_leadership = yes
* select one:
  + week: Every week
  + two\_weeks: Every two weeks
  + one\_month: Every month
  + few\_months: Every few months
  + dontknow: I don't know or don’t want to answer

#### 5. What is the main source of information for most IDPs in ${info\_settlement}?

* name: idp\_info\_source
* relevant: idp\_now = yes
* select one:
  + radio: Radio station (all types)
  + bodaboda: BodaBoda Talk Talk
  + tv: Television station
  + newspaper: Newspaper (paper)
  + facebook: Social Media (Facebook)
  + internet: Internet-other
  + phone: Mobile phone call
  + loudspeaker: Loudspeakers / megaphone
  + in\_person: In person conversation
  + other: Other
  + nothing: Nothing
  + dontknow: I don't know or don’t want to answer

#### 6. When did the most recent IDPs in ${info\_settlement} last recieve information from their pre-displacement location?

* name: idp\_info\_currency
* relevant: idp\_now = yes
* select one:
  + less\_1\_month: Less than 1 month ago
  + 1\_3\_months: 1-3 months ago
  + 3\_plus\_months: More than 3 months ago
  + dontknow: I don't know or don’t want to answer

## O Land mines and unexploded ordnance

You will now be asked about land mines and unexploded ordnance (UXO) in ${info\_settlement}. Please be as detailed as possible.

* group relevant: last\_visit = within\_last\_month or last\_contact = within\_last\_month or type\_visit = phone or type\_visit = direct

#### 1. Are there areas in ${info\_settlement} which you believe have mines or unexploded ordnance?

* name: mines
* select one:
  + yes: Yes
  + no: No
  + dontknow: I don't know or don’t want to answer

#### 2. What areas do you believe to be contaminated by mines or unexploded ordnance (UXO) in ${info\_settlement}?

* name: mine\_areas
* relevant: mines = yes
* select multiple:
  + housing: Housing
  + school: School
  + medical: Medical point
  + water\_point: Water point
  + river: River/navigable water way
  + crop: Cropping land
  + graze: Grazing land
  + firewood: Firewood gathering location
  + roads: Roads
  + other: Other
  + dontknow: I don't know or don’t want to answer

#### 3. In the last month, how many landmine/UXO related accidents happened in ${info\_settlement}, including both accidents with civilians and livestock?

* name: mine\_acc\_numb
* relevant: mines = yes
* select one:
  + none: None
  + few: A few (1 to 2)
  + some: Some (3 to 5)
  + several: Several (6 to 10)
  + many: Many (10+)
  + dontknow: I don't know or don’t want to answer

## P End of interview

Thank you for taking the time to talk with us today.

* group relevant: last\_visit =/= within\_last\_month and last\_contact =/= within\_last\_month

## Q Final Note

Thank you for completing the survey.

* group relevant: last\_visit = within\_last\_month or last\_contact = within\_last\_month or type\_visit = phone or type\_visit = direct

#### 1. Please take the GPS coordinates of your location.

* name: gps
* relevant: type\_visit =/= phone
* geopoint

#### 2. Please include any useful information you (the enumerator) learned that wasn't part of this questionnaire.

* name: end\_survey\_note
* text

#### 3. Have you (the enumerator) observed any safety, protection, or malnutrition concerns? If yes, please describe how we can get in touch with the case.

* name: end\_survey\_protection
* text

**Annex 4: Displacement mapping fgd tool**

**Moderator Name: Assistant Moderator Name:**

**Focus Group Name/Code: Started at** **Completed at**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| County of Knowledge (the area we are seeking information about) | How do they know about this county? (Recently left, HH member visited, Regular contact etC) | State of origin | Age | Sex |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

## Facilitator’s welcome, introduction and instructions to participants [5 minutes]

**Introductory note [2 minutes]**

* Welcome and thank you for volunteering to take part in this focus group discussion about the current crisis in South Sudan, which is about a better understanding of community and settlements in your country of origin. You have been asked to participate as your point of view and knowledge about your community situation and current needs will be used to inform response strategy and planning. I appreciate your time.
* **Please note that this meeting does not have any impact on whether you or your family receives assistance. These discussions are only meant to better understanding how you, your household, and the community perceive the situation in your villages of origin**
* **Anonymity:** I would like to assure you that the discussion will be anonymous. I and the other focus group participants would appreciate it if you would refrain from discussing the comments of other group members outside the focus group. If there are any questions or discussions that you do not wish to answer or participate in, you do not have to do so; however please try to answer and be as involved as possible.
* The discussion will take no more than one hour.
* We are asking for your ration card number because we might want to contact you again to know how things have changed in your home communities several weeks of months after this focus group discussion.

**Ground rules [2 minutes]**

1. The most important rule is that only one person speaks at a time. There may be a temptation to jump in when someone is talking but please wait until they have finished.
2. There are no right or wrong answers
3. You do not have to speak in any particular order
4. When you do have something to say, please do so. There are many of you in the group and it is important that I obtain the views of each of you
5. You do not have to agree with the views of other people in the group you can say that.
6. Does anyone have any questions? (answers).
7. OK, let’s begin

**Questioning Route**

## *INSTRUCTIONS TO MODERATORS*

1. ***Questions to participants****: these are the questions that should be read and communicated to the participants. If there are some specific vocabulary which may be unclear, do not hesitate to provide a definition for the purpose of the exercise.*
2. ***Probing questions****: Probes and clarifying questions are an important part of interviewing and have two main purposes:* ***1)*** *To help clarify what an interview respondent has said and* ***2)*** *To help get more detailed information on topics of interest. Probes allow the interview respondent to provide more than just a one-sentence answer to the questions you ask.* ***Do not read probing questions together with the questions to participants****. Use or adapt them if necessary*

**Questions to Participants:**

*(Engagement question)*

***INTRODUCE PARTICIPANTS TO THE MAP*** *– show them where we are now, and the area of interest on the map. Show them major towns in the region so they understand the map.*

***Exercise to build participant familiarity with the map:*** *Through showing them key roads, towns etc, work with each participant to identify their home town on the map. Circle each participants home town/village on the map, if the settlement name doesn’t exist, identify approximately where the village/town is and circle with the name. This helps participants orientate themselves to the map and ensures a reference point for discussions.*

***Note on using map:*** *Wherever possible during the discussion mark details on the map, aka original homes prior to displacement, where people moved to, where was the fighting etc.*

Have people recently (within the last month) left [*AREA OF INTEREST]? If so, why?*

* *If violence, when? Was it a threat of violence, or did fighting suddenly start? Where is the violence expected to move to? To what geographic scale was the fighting (limited to one town or a larger region)?*
* *If lack of resources, why? What happened to mean resources were no longer available? What was the geographic scale of the lack of resources, the entire map or a specific sub-section?*

What was the original population of [*AREA OF INTEREST]?*

* *Approximately how many people have left?*
* *Approximately how many people remain?*
  + *Host community (approx. numbers)*
  + *IDPs? (approx. numbers)*

Where did people go to? [*Please find this on the map]*

* *Did everyone go to the same location? If not, please identify other directions people fled to?*
* *Did people go to one location and stay there or were their multiple phases of their journey, if so ask them about this,* 
  + *where did they originally go, how long did they stay there?*
  + *where did they go next?*
* *What routes did people take (ask them to draw this on the map)?*
  + *Were there any challenges on these routes, please ask them to specify and where*
* *How did they travel (on foot, car, bicycle)? How much did it cost?*

Why did they come to/stay in this particular location?

* *Were there other locations that they could have gone to? Is not, why did they come here?*
* *Are they free to move?*

Do they intend to stay here in this location? Is so, why? If not, where do they plan to go?

* *If they came here, is this a temporary move or a permanent one?*
* *Are they free to move?*

Do they personally expect to visit (temporarily or permanently) their homeland again? If so, why? Under what conditions would go back with their families permanently back to their homeland?

* *How would they know if these conditions are in place?*
* *Do they expect these conditions to happen?*

#### Annex 5: Food security and livelihoods fgd tool

*Same intro and conclusion as Annex 4, only question route listed below*

1. In a normal year, how does the community feed itself/obtain food or money to buy food? What are the common ways households feed themselves in this area (area however defined)”

* **[Probing Questions]**

1. What are the primary crops your household relies on to access food? When do you normally have access to these crops as a food source?
2. What animals do the family own? Who looks after them? Are the animals nearby or further away? When does the household use these animals to seek food?
3. How does the household rely on fishing and hunting, who engages in this activity? When does the household normally engage in this activity?
4. How does the household rely on wild foods? When does this normally occur? Who in the household collects wild foods and how?
5. How does the household seek financial resources? (tea shops, casual labour, government salaries?) Who in the household seek these financial resources? Where are they?
6. Have members of the family been sent somewhere further away to seek resources for the family?
   * What activities are they engaging in? (livestock herding, seeking work in urban centres, sought resources in another country)
7. In the last month, how have these activities changed? Are any of these activities no longer available? (this includes “normal seasonal changes” and also large changes to the context (aka fighting, flooding etc) Why are these activities no longer available?

* **[Probing Questions]**

1. Probe on how the following activities have changed (if applicable):
   * Crops
   * Livestock management
   * Fishing and hunting
   * Wild food gathering
   * Income generation activities
   * Migration patterns
2. Based on the previous discussion of your ability to access to resources to meet your families food needs, how would you present quality of life (e.g. very good, good, neutral, bad, very bad)?

* **Note to facilitator:** Remind participants that the determination of this rating should be based on availability of resources to meet household needs.
* **[Probing Questions]**

1. Has your present quality of life improved or worsened over the last month?
2. Why has your quality of life improved/worsened?
3. When did it become worse/better?
4. Please mark on the map (state level) where access to resources is good and where access to resources is limited and explain why for each point.

* **[Probing Questions]**

1. [Participatory Mapping] Direct participants to the map and ask participants to mark the following:
2. Where on the map would you say quality of life is bad? [red marker shaded]
3. Where on the map would you say quality of life is good? [green marker shaded]
4. Please explain why you think that different areas have different levels of quality of life?

**Stage 2: RISK RESILIENCE AND MITIGATION [20 minutes]**

1. Please think back to a time when your family had insufficient food or a lack of resources to buy food. During this time of little food access, what were the usual activities your family adopted to seek additional resources or change the use of existing resources to meet your families food needs?

* **[Probing questions]**

1. Are residents in your settlement of knowledge currently able to use these strategies to cope with a lack of resources?
2. If not, why are they unable?
3. Have the strategies used by residents in your settlement of knowledge to cope with a lack of resources recently changed?

* **[Probing questions]**

1. If these strategies have recently changed, what strategies are you now using?
2. Why have these strategies recently become unavailable?
3. Do families in your settlement rely on social, family networks, neighbours and friends to share resources and receive support when facing food or resource shortages?

* **[Probing questions]**

1. Could you please describe how these networks of support work?
2. Are these networks of support still functioning?
3. If not, why not?
4. If not, since when have these support networks ceased to function?

#### Annex 6: Service access gaps fgd tool

*Same intro and conclusion as Annex 4, only question route listed below*

## STAGE 1: Displacement

When did you arrive to your current displacement site?

* *How long did it take you to travel to this displacement site? Which transportation did you use (boat, car, foot, tractor etc.)?*
* *Did you face any difficulties/challenges on the way to come here? If so, what were they?*
* *What were the main reasons for leaving your location of pre-displacement?*
* *When people are leaving the [AREA OF INTEREST], what other displacement destinations are they choosing and why?*
* *Are there still people living in [AREA OF INTEREST]?* 
  + *If so, how many? (all, more than half, half, less than half, none)*
  + *If so, why do people continue to stay in this area?*
* *Are there IDPs in the [AREA OF INTEREST]?* 
  + *If so, where are they from?*
  + *If so, when did they arrive?*
* *Are there returnees in the [AREA OF INTEREST]?* 
  + *If so, when did they arrive?*
  + *If so, why are they returning to this area?*

## STAGE 2: Service Access Gaps

**Food Security and Livelihoods (FSL)**

What is currently the main source of food? Which other sources of food do you use, including coping strategies?

* *Is there sufficient access to food [AREA OF INTEREST)?*
* *If no, which are the reasons for absence/insufficient access to food?*
* *If insufficient access to food, what are the main coping strategies being used?* 
  + *How often do people use them?*

Is there a functioning market in the area?

* *If yes, are all items available that were available previously? If not, why not?*
* *If yes, did the prices change?*

Are people currently engaging in livelihood activities?

* *If no, why?*
* *If yes, what are the main livelihood activities in [AREA OF INTEREST]?*
* *Do you have access to land for cultivation? If no, why?*
* *Did you cultivate during the last cultivation season? (Note to FC: please follow up if access to land and cultivation activity have contradicting statements)*
  + *If no, why?*
  + *If yes, did you cultivate more or less than the previous years? Explain reasons.*
* *Do people in the settlement possess livestock?* 
  + *Which is the main livestock (e.g. goats, cattle etc?)*
  + *Where is the livestock currently?*
  + *Is anyone taking care/ looking after the livestock currently?*
  + *Have there been any incidents of killing or stealing/raiding of livestock? If so, when?*
* *Are people in the settlement engaged in casual or contracted labour? If yes, what type of work are they engaging in?*

**HEALTH AND WASH**

To what extent is there access to health care in the *[AREA OF INTEREST]*?

* *If yes, what facilities are there?*
* *If yes, is there enough medical staff? Why or why not?*
* *If yes, are there enough drugs available? Why or why not?*
* *If no access, which are the reasons for absence? (e.g. destroyed, never there etc.)*
* *If no access, how do people cope with lack of health services? (e.g. carry the patient-how far, traditional medicine- which one?)*

What are the main causes of morbidity (e.g. sickness or injury?) Please specify.

To what extent is there clean/safe drinking water in the *[AREA OF INTEREST]?*

* *If yes, what is the source of safe drinking water?*
* *If no, what are the reasons for lack of clean/safe drinking water? (e.g. borehole was never there, borehole lacks maintenance, borehole has been destroyed, borehole has not enough water?)*
* *If no, which sources do people use alternatively?* 
  + *What are the side effects of drinking from those sources?*

Do people use latrines regularly? If no, why?

**EDUCATION**

To what extent are education services available in the *[AREA OF INTEREST]?*

* *If not,*,*what are the main reasons for no access to education ?*
* *If yes, does the school have enough teachers?*
* *How are the teachers supported? (e.g. NGOs, government, informal school fees?)*
* *If yes, do all boys attend school? If no, which are the main barriers?*
* *If yes, do all girls attend school? If no, which are the main barriers?*

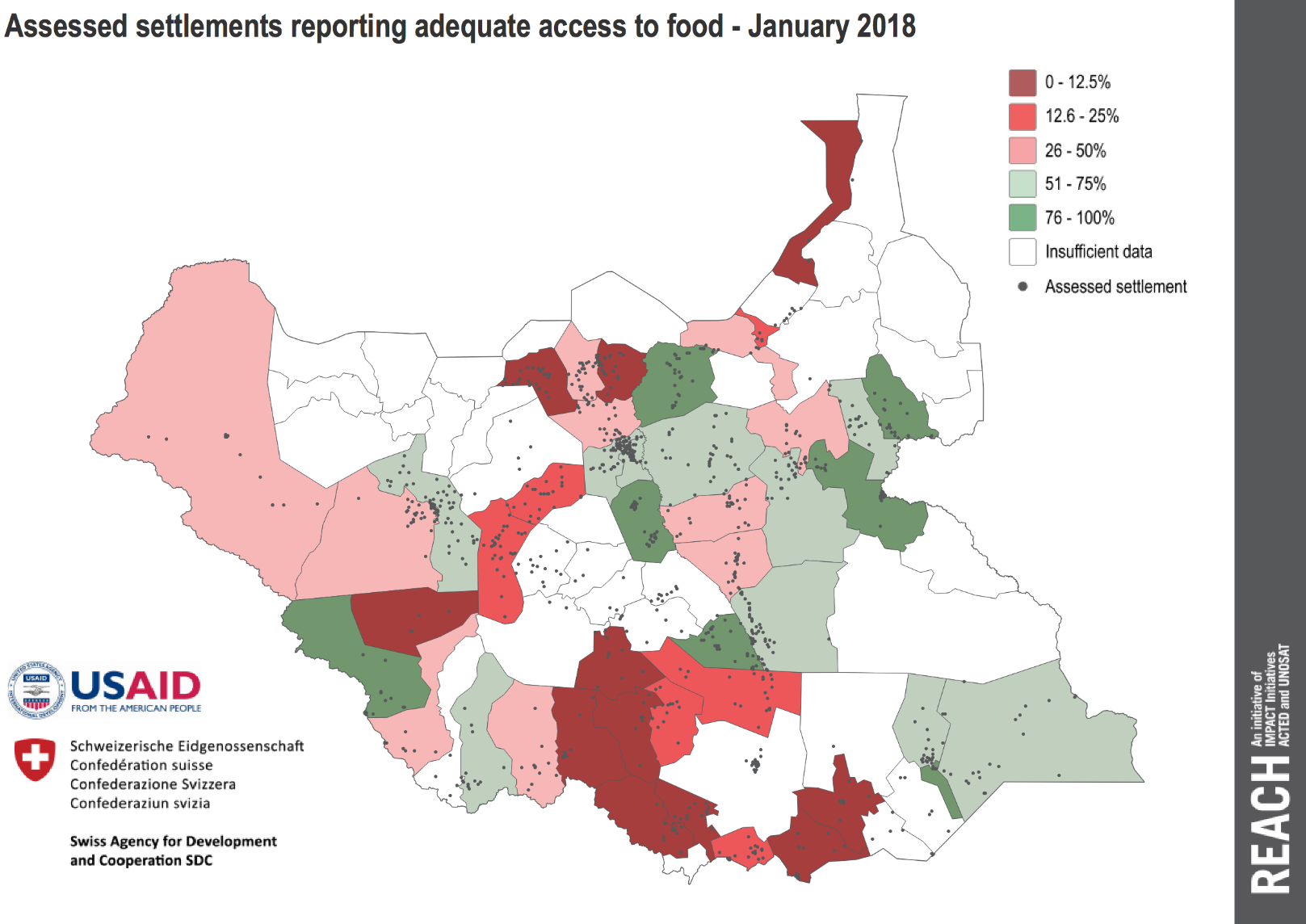
**SHELTER**

Is everyone sleeping under a shelter *[AREA OF INTEREST]? If not, why?*

* *Which is the main shelter type for local communities?*
* *Which is the main shelter type for IDPs?*
* *Have any shelters been burned/destroyed?* 
  + *If so, how many? And when?*
  + *If so, how many have been rebuilt?*
* *Do people have access to NFIs?*
  + *If not, which items are most needed?*

#### Annex 7: Example AoK quantitative data presentation

Map 2: Percentage of assessed settlements reporting adequate access to food, January 2018.



1. 78 counties exist in South Sudan, with AoK coverage as of February 2018 having covered 45 counties. [↑](#footnote-ref-1)
2. Output targets refer to annual period. [↑](#footnote-ref-2)
3. Data on south-eastern Upper Nile State is also collected from Akobo Town. [↑](#footnote-ref-3)