

Research Terms of Reference

Area-Based Assessments (ABA)

IRQ1710

Iraq

August 2018
Version 2

REACH Informing
more effective
humanitarian action

1. Executive Summary

Country of intervention	Iraq		
Type of Emergency	<input type="checkbox"/> Natural disaster	<input checked="" type="checkbox"/> Conflict	
Type of Crisis	<input type="checkbox"/> Sudden onset	<input type="checkbox"/> Slow onset	<input checked="" type="checkbox"/> Protracted
Mandating Body/ Agency	Returns Working Group (RWG), CCCM Iraq ¹		
Project Code	10DJA		
Research Timeframe²	1. Start collect data: 01/07/2018	4. Data sent for validation: 30/09/2018	
	2. Data collected: 31/08/2018	5. Outputs sent for validation: 17/10/2018	
	3. Data analysed: 30/09/2018	6. Outputs published: 31/10/2018	
Number of assessments	<input type="checkbox"/> Single assessment (one cycle)		
Number of assessments	<input checked="" type="checkbox"/> Multi assessment (more than one cycle) <input type="checkbox"/> Every week <input type="checkbox"/> Every two weeks <input type="checkbox"/> Every month <input type="checkbox"/> Every two months <input type="checkbox"/> Quarterly <input checked="" type="checkbox"/> Other: when needed by CRC partners		
Humanitarian milestones	Milestone	Deadline	
	<input checked="" type="checkbox"/> Donor plan/strategy	September 2018	
	<input checked="" type="checkbox"/> Inter-cluster plan/strategy	September 2018	
	<input checked="" type="checkbox"/> Cluster plan/strategy	September 2018	
	<input checked="" type="checkbox"/> NGO platform plan/strategy	September 2018	
	<input type="checkbox"/> Other (Specify):	_/_/_/_/_	
Audience Type & Dissemination	Audience type	Dissemination	
	<input checked="" type="checkbox"/> Strategic <input checked="" type="checkbox"/> Programmatic <input checked="" type="checkbox"/> Operational <input type="checkbox"/> [Other, Specify]	<input checked="" type="checkbox"/> General Product Mailing (e.g. mail to NGO consortium; HCT participants; Donors) <input checked="" type="checkbox"/> Cluster Mailing (Education, Livelihoods, RWG, and WASH) and presentation of findings at next cluster meeting <input checked="" type="checkbox"/> Presentation of findings (e.g. at HCT meeting; Cluster meeting) <input checked="" type="checkbox"/> Website Dissemination (Relief Web & REACH Resource Centre) <input type="checkbox"/> [Other, Specify]	
Detailed dissemination plan required	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	

¹ At present, additional may follow

² Tentative dates for the completion of the final outputs.

General Objective	Inform evidence-based humanitarian programming and service delivery in the short and long-term at the urban area-level, ³ specifically within locations where Community Resource Centres (CRCs) ⁴ are planned.		
Specific Objective(s)	<ul style="list-style-type: none"> ● Define and profile the geographic area selected for assessment⁵ ● Identify and map the availability and accessibility of services within the area of assessment, highlighting key gaps and barriers to services provision ● Gauge the perceptions and expectations of residents regarding service delivery and reconstruction efforts. ● Identify priority multi-sectoral needs of the population residing in the targeted urban area at the household level 		
Research Questions	<ol style="list-style-type: none"> 1. What information about the area is already available, in particular the availability of services and functional infrastructure? 2. What is the current availability, functionality, and accessibility of services and infrastructure in the area, and how does this compare to the pre-crisis period? 3. Where are functional services and infrastructure located within the area of assessment? <ol style="list-style-type: none"> a. What coping mechanisms are residents in the area using in response to a lack of adequate services? 4. What are the primary obstacles to accessing services, from the perspective of community members? 5. What are the primary obstacles to delivering services, from the perspective of providers? 6. What is the demographic profile of the population within the area of assessment? 7. What are the multi-sectoral needs of the population within the area of assessment? 		
Geographic Coverage	<p>The Iraq Area-Based Assessments (ABAs) will target urban areas within locations where Community Resource Centres are planned. As of April 2018, ABAs are planned in the following locations:</p> <ul style="list-style-type: none"> ● Mosul Al Jadida municipality ● Telafar city 		
Secondary data sources	<p>Secondary Data:</p> <ul style="list-style-type: none"> ● UN Habitat Mosul Portal ● Population data (e.g. IOM Displacement Tracking Matrix) ● Data and reports from previous needs and vulnerability assessments (e.g. WFP MVAM, UNHCR Protection Monitoring, etc.) ● General background and context research on areas being targeted for assessment ● Geo-spatial data (e.g. UNOSAT satellite imagery) ● Tools and Lessons Learned from previous ABAs 		
Population(s)	<input type="checkbox"/> IDPs in camp	<input checked="" type="checkbox"/> IDPs in informal sites	
	<input checked="" type="checkbox"/> IDPs in host communities	<input type="checkbox"/> IDPs [Other, Specify]	
	<input type="checkbox"/> Refugees in camp	<input type="checkbox"/> Refugees in informal sites	

³ As the definition of "urban area" is heavily dependent on the context in which a planned CRC is located, it can range from a municipality within a city to a smaller city and adjacent settlements. Therefore, the scope of the area will be determined on a case-by-case basis, which will be outlined in the annexed methodology notes. As assessment areas will be selected by CRC partners, and as there are no reliable population figures for settled areas of Iraq, no minimum size can be identified.

⁴ The CRCs will act as a platform for assistance and interaction between communities and public institutions supporting local populations through an area-based multi-sectoral approach.

⁵ Depending on the scope of assessment, some urban areas will be assessed in their entirety, while in other urban areas, a selected area (neighbourhood, municipality) will be selected for assessment.

	<input type="checkbox"/> Refugees in host communities	<input type="checkbox"/> Refugees [Other, Specify]	
	X Host communities	X Other: Returnees	
Stratification <i>Select type(s) and enter number of strata</i>	<input type="checkbox"/> Geographical #: __ __ Population size per strata is known? <input type="checkbox"/> Yes <input type="checkbox"/> No	X Group #: TBD ⁶ Population size per strata is known? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> [Other Specify] #: __ __ Population size per strata is known? <input type="checkbox"/> Yes <input type="checkbox"/> No
Data collection tool(s)⁷	X Structured (Quantitative)	X Semi-structured (Qualitative)	
	Sampling method	Data collection method	
Household Needs and Vulnerability Assessment	<input type="checkbox"/> Purposive X Probability / Simple random <input type="checkbox"/> Probability / Stratified simple random <input type="checkbox"/> Probability / Cluster sampling <input type="checkbox"/> Probability / Stratified cluster sampling <input type="checkbox"/> [Other, Specify]	<input type="checkbox"/> Key informant interview (Target #): __ __ __ __ <input type="checkbox"/> Group discussion (Target #): __ __ __ __ X Household interview (Target #): 400 <input type="checkbox"/> Individual interview (Target #): __ __ __ __ <input type="checkbox"/> Direct observations (Target #): __ __ __ __ <input type="checkbox"/> [Other, Specify] (Target #): __ __ __ __	
Community Leader Key Informant Interviews (KIs)	X Purposive X Snowballing <input type="checkbox"/> [Other, Specify]	X Key informant interview (Target #): 20-25 <input type="checkbox"/> Individual interview (Target #): __ __ __ __ <input type="checkbox"/> Focus group discussion (Target #): __ __ __ __ <input type="checkbox"/> [Other, Specify] (Target #): __ __ __ __	
Community Group Discussions (CGDs)	X Purposive <input type="checkbox"/> Snowballing <input type="checkbox"/> [Other, Specify]	<input type="checkbox"/> Key informant interview (Target #): TBC <input type="checkbox"/> Individual interview (Target #): __ __ __ __ X Focus group discussion (Target #): 10 X Participatory mapping ⁸ (Target #): 10	
Service Provision Subject Matter Expert KIs	X Purposive X Snowballing <input type="checkbox"/> [Other, Specify]	X Key informant interview (Target #): 25-30 X Individual interview (Target #): 25-30 (as possible from above total) <input type="checkbox"/> Focus group discussion (Target #): TBC <input type="checkbox"/> [Other, Specify] (Target #): __ __ __ __	
Target level of precision if probability sampling	95% level of confidence	5+/- % margin of error	
Data management platform(s)	X IMPACT	<input type="checkbox"/> UNHCR	
Expected output type(s)	X Situation overview #: 1 per ABA	<input type="checkbox"/> Report #: __ __	<input type="checkbox"/> Profile #: __ __
	X Presentation (Preliminary findings) #: 2 per ABA	X Presentation (Final) #: 1 per ABA	X Factsheet #: 1 Per sectors assessed
	<input type="checkbox"/> Interactive dashboard #: __	<input type="checkbox"/> Webmap #: __ __	X Map #: TBD Dependent on assessed area
	<input type="checkbox"/> [Other, Specify] #: __ __		
Access	X Public (available on REACH resource centre and other humanitarian platforms)		

⁶ Stratification of population groups to be determined based on the identified presence of these populations within urban area targeted.⁷ The target sample for each ABA will be given in the annexed methodology notes.⁸ In those areas where full CGDs are not possible due to resource or time constraints, shorter participatory mapping exercises will be conducted.

	<input type="checkbox"/> Restricted (bilateral dissemination only upon agreed dissemination list, no publication on REACH or other platforms)
Visibility <i>Specify which logos should be on outputs</i>	<ul style="list-style-type: none"> ● RWG logo/attribution ● CCCM logo/attribution ● Logos of partners involved in data collection (including REACH)

2. Rationale

2.1. Rationale

During 2018, Iraq will continue to see an increasing rate of returns of internally displaced populations to their areas of origin. However, humanitarian actors are not anticipating these returns to occur uniformly across all areas of the country, highlighting the need to further explore barriers to returning as well as requisite conditions for safe and voluntary returns. Through an area-based approach, humanitarian actors can operate at a more localized level to design a response that is geographically targeted, inclusive of a range of local, international, and governmental actors, and is inter-sectoral in its programme delivery.

To inform this highly collaborative, coordinated, and localized response, humanitarian, stabilization, development and government actors require a strong evidence base that is multi-sectoral, and can inform short, medium and long-term interventions in the area by the wide range of actors outlined above. In order to provide this base of evidence, the ABA framework will combine secondary data with primary data collection to fill informational gaps regarding current available information regarding the provision of services, core needs, and operational actors within the area; community perceptions of service provision within their area; detailed service provider overviews of the dynamics affecting the current provision of services; and a detailed, representative assessment of needs and vulnerabilities at the household level.

3. Methodology

2.1. Methodology overview

The ABA will employ a mixed methods approach that combines the analysis of secondary data with both quantitative and qualitative primary data collection methods in the form of:

- Key Informant Interviews (KIs)
- Community group discussions (CGDs)
- Participatory mapping
- Household-level surveys

As of April 2018, an ABA is ongoing in the Mosul al Jadida municipality of west Mosul, with an additional JRAM planned for Telafar city with a tentative start date in July. As noted above, the geographic scope of the ABAs will follow the setup of CRCs by operational partners throughout Iraq.ADD

Each ABA will begin with a comprehensive secondary data review (SDR), with the aim of capturing information that already exists about the area targeted for assessment. The availability of existing information will, in turn, inform the primary data collection methods that will be utilized. As a consequence, not every data collection method listed above will be utilized within every separate ABA, in order to avoid duplication of effort.

To begin with, these assessments will be coordinated and implemented by REACH under the framework of the Community Resource Centre Steering Committee (CRC SC) which is chaired by the Returns Working Group (RWG) in Iraq. After consultation with the CRC SC, it was determined that the ABA will be carried out in all areas in which CRCs will be established, in order to provide a comprehensive baseline for the operations related to that CRC. However, it is important to note that not all ABAs will be conducted by REACH – rather, REACH will provide training to CRC partners using a toolkit to be developed by REACH in collaboration with the CRC SC. Core assessment indicators, data collection methodology, and analysis of the collected data will be aligned with the Multi-Sector Response Framework (MSRF), a guidance document

developed by the RWG with input from relevant clusters to facilitate coordinated area-based interventions in support of Iraq's conflict-affected populations.

The following sectors will be addressed by the various components of the ABA; solid waste management, provision of water, provision of electricity, education, healthcare, livelihoods, food security, assistance, shelter and protection. Some of these categories will be addressed by both the qualitative and quantitative components of the assessment, while some will only be covered by the quantitative assessment.

Following the completion of primary data collection, REACH will conduct preliminary analysis and present findings at a joint analysis workshop, bringing together relevant humanitarian and stabilisation actors to facilitate a nuanced and contextualized analysis of the data. Based on the discussions and feedback received through the joint analysis exercise, REACH will produce multiple research outputs, including a final cleaned dataset, thematic maps, area profiles, and a final report.

2.2. Population of interest

All population groups⁹ residing in the urban area assessed, including:

- Internally displaced persons (IDPs) residing in and out of camps – including those in informal sites
- Non-displaced
- Returnees

2.3. Secondary data review

A secondary data review (SDR) will be conducted by REACH in order to support the implementation of primary data collection. This SDR will include a thorough examination of the following:

- Population data (e.g. IOM Displacement Tracking Matrix)
- Data and reports from previous needs and vulnerability assessments (e.g. WFP MVAM, UNHCR Protection Monitoring, etc.)
- General background and context research on areas being targeted for assessment
- Geo-spatial data (e.g. UNOSAT satellite imagery)
- Tools and Lessons Learned from previous ABAs

2.4. Primary data collection

2.4.1. Sampling

Selection of areas to be assessed

- The urban area of assessment (entire city, municipality, neighbourhood) will be chosen in collaboration with the CRC Steering Committee. As the definition of “urban area” is heavily dependent on the context in which a planned CRC is located, it can range from a municipality within a city to a smaller city and adjacent settlements. Therefore, the scope of the area will be determined on a case-by-case basis, which will be outlined in the annexed methodology notes. As assessment areas will be selected by CRC partners, and as there are no reliable population figures for settled areas of Iraq, no minimum size can be identified.

Sampling: Semi-Structured Key Informant Interviews (KII) and Community Group Discussions (CGD)

Purposive sampling methods will be employed for the KII and CGD components of the assessment. REACH enumerators will utilize existing KI networks to identify *mukhtars*¹⁰ and other community leaders with comprehensive knowledge of their area of responsibility, and will then use a snowballing approach to identify additional participants until all (if possible) identified locations (whether neighbourhood or village) within the assessment area are represented by a community leader

⁹ These population groups are categorized using IOM DTM definitions: IDPs are those who have been displaced out of their subdistrict of origin, and remain in their area of displacement; returnees are those who were displaced from their subdistrict of origin, but have returned; non-displaced are those who were not displaced from their subdistrict of origin.

¹⁰ In the context of Iraq, each community (whether neighborhood, village, or town) is represented by a mukhtar. For the purposes of these KIIs, mukhtars represent the most prominent respondent type.

KI. These KIs will provide information concerning demographics, as well as the availability and functionality of services and public infrastructure within their area of knowledge/responsibility.

Regarding CGDs, REACH teams will again source participants with support from identified community leader KIs, ensuring that CGDs are held in a variety of distinct locations (whether neighbourhood, town or village) within the area of assessment, utilizing data previously gathered from community leader KIs in order to ensure that CGD locations represent a population types, needs, and levels of access to services. CGD participants will be selected in consultation with community leaders, and will equally represent both male and female respondents whenever possible within the cultural context. In selecting participants for the CGDs, community leaders facilitating the process will be requested to select individuals with specific sectoral knowledge, particularly doctors, teachers, engineers, and municipal employees. The number of total CGDs conducted will largely depend on the size of the assessment area and the capacity of the REACH team.

For the purposes of collecting expert feedback on the provision of services in the area of assessment, KIs will also be conducted with five subject matter experts each in the fields of healthcare, education, water, electricity, and solid waste disposal.¹¹

Sampling: Structured Household-level Needs Assessment

Accurate population data for most areas of Iraq is limited, both in terms of overall population, figures by population group (IDP, non-displaced, returnee etc.) and at the neighbourhood/municipal/village level. Therefore, to facilitate the development of a sampling framework, REACH will use information regarding population numbers, population groups present, and distribution of population groups provided by KIs conducted in the qualitative portion of the assessment to fill these information gaps. This qualitative data can also be used to triangulate secondary data from other sources. However, even these methods are unlikely to produce population data that is accurate enough for the drawing of a representative sample frame.

Once this exercise is completed, sampling for the household-level assessment will follow one of three scenarios:

1. **Population data, population group data, and density data available:** A sample frame will be drawn for the area of assessment based on identified population figures, stratified for all population groups present (stratified area-wide sample). GPS points will be randomly distributed throughout the residential sections of the area of assessment, weighting for population density. Expected to be statistically representative at the population group level with a 95% level of confidence and a 10% margin of error, and representative at the area level with a 95% level of confidence and a 5% margin of error.
2. **Population data available and density data available, population group data unavailable:** A sample frame will be drawn for the area of assessment based on identified population figures (unstratified area-wide sample). GPS points will be randomly distributed throughout the residential section of the area of assessment, weighting for population density. Expected to be statistically representative at the area level with a 95% level of confidence and a 5% margin of error.
3. **Population data and population group data available, and population density unavailable:** A sample frame will be drawn for the area of assessment based on identified population figures, stratified for all population groups present (stratified area-wide sample). GPS points will be randomly distributed throughout the residential sections of the area of assessment. Expected to be statistically representative at the area level with a 95% level of confidence and a 5% margin of error.
4. **Population data, population group data, and population density data unavailable:** A sample frame will be drawn for the area of assessment assuming an infinite population (unstratified area-wide sample). GPS points will be randomly distributed throughout the residential sections of the area of assessment. Expected to be statistically representative at the area level with a 95% level of confidence and a 5% margin of error.

2.4.2. Field Data Collection

Qualitative Data Collection

Key Informant Interviews (KIs)

- a. Key informant interviews (KIs) with mukhtars and other community leaders, exogenous humanitarian and stabilization actors and municipal and local service providers.

¹¹ Sector experts include: healthcare (doctors, nurses, pharmacists, medical assistants); education (teachers, head teachers, education ministry employees); water (municipal employees, water engineers, NGO employees); electricity (municipal employees, ministry employees, NGO employees); solid waste (municipal employees, NGO employees).

- b. Interviews will be conducted in person and by phone, depending on logistics, resources, and security/access restrictions.
- c. All KIIs will be conducted using a paper-based questionnaire translated into Arabic, with debriefing of enumerators conducted by REACH assessment staff.
- d. When possible and relevant, participatory mapping exercises will be conducted with service provider KIIs in order to identify the location and functionality of key infrastructure.

Community Group Discussions (CGDs)

- a. Community group discussions will serve to contextualize secondary data and information provided by KIIs, as well as to obtain nuanced information regarding perceptions and expectations related to service delivery.
- b. Participatory mapping exercise to identify the availability and functionality of services within their area.
- c. All CGDs will be conducted using a paper-based questionnaire translated into Arabic, with debriefing of facilitators conducted by REACH assessment staff.
- d. All CGDs will be stratified by gender, with female enumerator staff conducting all CGDs with female participants.

Quantitative Data Collection

Household Needs Survey

- a. Data collection will be implemented both by REACH enumerators and by partner enumerators where possible, who will collect household-level data through a comprehensive multi-sectorial tool built from the indicators in the MSRF. Overall coordination of joint data collection and data cleaning will be led by REACH.
- b. Enumerators will record interview responses digitally using KoBo Collect, an android-based mobile data collection application. All indicators will either be drawn directly from or aligned with the MSRF.¹²

Partner-driven data collection on all assessments

For the purposes of quantitative household-level data collection, REACH will be enlisting the support of partner agencies when relevant. Partners will be identified based on their operational presence in areas selected for assessment, and their capacity to conduct the assessment within the data collection period. All partner enumerators will be fully trained by REACH, and all coordination of the partner data collection and data cleaning process will be carried out by REACH assessment staff.

2.5. Data Processing & Analysis

Qualitative data generated through key informant interviews and CGDs will be synthesized and organized in line with the qualitative data analysis framework. Data will be triangulated with secondary sources, as well as with the information gathered in the quantitative assessment, and follow-up data collection will be conducted if deemed necessary to address inconsistencies or information gaps.

All appropriate methods of quantitative data analysis will be used to provide analytical depth to the findings. Quantitative data will be analysed by a review of descriptive statistics in addition to more advanced statistical analysis where appropriate, through the use of SPSS or other software packages. Findings will be presented at the population group level (when possible) to enable a comparative analysis of needs and perceptions, utilizing statistical significance testing to analyse population differences.

3. Roles and Responsibilities

Table 2: Description of roles and responsibilities

<i>Task Description</i>	<i>Responsible</i>	<i>Accountable</i>	<i>Consulted</i>	<i>Informed</i>
-------------------------	--------------------	--------------------	------------------	-----------------

¹² At present, for future sites additional actors might provide inputs to questionnaire.

Research design	Assessment Manager (AM)	AM	HQ Research Design Unit, CFP, RWG, AWG	e.g. Cluster Coordinator
Supervising data collection	AO	AO	AM	CC
Data processing (checking, cleaning)	AO	AM	AM	CC
Data analysis	JAO	AO	AM	IMPACT HQ
Output production	AO	AO	AM	IMPACT HQ
Dissemination	AO	AO	AM	IMPACT HQ
Monitoring & Evaluation	AO	AO	AM	IMPACT HQ
Lessons learned	AO	AO	AM	IMPACT HQ RWG CRC Steering Committee

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 completed

NB: Only one person can be Accountable; the only scenario when the same person is listed twice for a task is when the same person is both Responsible and Accountable.

5. Data Analysis Plan

- SEE ANNEX 3

6. Data Management Plan

Administrative Data			
Research Cycle name		Area Based Assessments (ABA)	
Project Code		TBD	
Donor		OCHA	
Project partners		RWG, CCCM	
Research Contacts		Jack Berger, REACH Assessment Officer – jack.berger@reach-initiative.org Luis Alcaraz, REACH Assessment Officer – luisalcaraz.pardo@reach-initiative.org	
Data Management Plan Version		Date: 8/04/2018	Version: 1
Related Policies		N/A	
Documentation and Metadata			
What	documentation	<input type="checkbox"/> Data analysis plan	X Data Cleaning Log, including:

and metadata will accompany the data? <i>Select all that apply</i>	<input type="checkbox"/>	Code book	X	<input type="checkbox"/> Deletion Log <input type="checkbox"/> Value Change Log
	X	Metadata based on HDX Standards	X	Data Dictionary Kobo tool and answer choices
Ethics and Legal Compliance				
Which ethical and legal measures will be taken?	X	Consent of participants to participate	<input type="checkbox"/>	Consent of participants to share personal information with other agencies
	<input type="checkbox"/>	No collection of personally identifiable data will take place	<input type="checkbox"/>	Gender, child protection and other protection issues are taken into account
	X	All participants reached age of majority		[Other, Specify]
Who will own the copyright and Intellectual Property Rights for the data that is collected?		REACH Initiative and IMPACT Initiatives will hold full copyright and intellectual property rights over data collected by its own staff and enumerators. For data collected using partner agencies, REACH/IMPACT and the partner agency/agencies will draft and sign a Memorandum of Understanding (MoU) outlining the ownership of the collected data.		
Storage and Backup				
Where will data be stored and backed up during the research?	X	IMPACT/REACH Kobo Server	<input type="checkbox"/>	Other Kobo Server: <i>[specify]</i>
	<input type="checkbox"/>	IMPACT Global Physical / Cloud Server	X	Country/Internal Server
	X	On devices held by REACH staff	<input type="checkbox"/>	Physical location <i>[specify]</i>
	<input type="checkbox"/>	[Other, Specify]		
Which data access and security measures have been taken?	X	Password protection on devices/servers	X	Data access is limited to REACH Staff
	<input type="checkbox"/>	Form and data encryption on data collection server		
	<input type="checkbox"/>	[Other, Specify]		
Preservation				
Where will data be stored for long-term preservation?	X	IMPACT / REACH Global Cloud / Physical Server	<input type="checkbox"/>	OCHA HDX
	X	REACH Country Server	<input type="checkbox"/>	[Other, Specify]
Data Sharing				
Will the data be shared publicly?	X	Yes	<input type="checkbox"/>	No, only with mandating agency / body
Will all data be shared?	<input type="checkbox"/>	Yes	X	No, only anonymized/ cleaned/ consolidated data will be shared
	<input type="checkbox"/>	No, [Other, Specify]		
Where will you share the data?	X	REACH Resource Centre	<input type="checkbox"/>	OCHA HDX
	X	HumanitarianResponse	<input type="checkbox"/>	[Other, Specify]
Responsibilities				
Data collection	Jack Berger, REACH Assessment Officer – jack.berger@reach-initiative.org Luis Alcaraz, REACH Assessment Officer – luisalcaraz.pardo@reach-initiative.org			
Data cleaning	Luis Alcaraz, REACH Assessment Officer – luisalcaraz.pardo@reach-initiative.org			
Data analysis	Luis Alcaraz, REACH Assessment Officer – luisalcaraz.pardo@reach-initiative.org			
Data sharing/uploading	Luis Alcaraz, REACH Assessment Officer – luisalcaraz.pardo@reach-initiative.org			

7. Monitoring & Evaluation Plan

IMPACT Objective	External M&E Indicator	Internal M&E Indicator	Focal point	Tool	Will indicator be tracked?
Humanitarian stakeholders are accessing IMPACT products	Number of humanitarian organisations accessing IMPACT services/products	# of downloads of x product from Resource Center	Country request to HQ	User_log	X Yes
	Number of individuals accessing IMPACT services/products				
		# of downloads of x product from Relief Web	Country request to HQ		X Yes
		# of downloads of x product from Country level platforms	Country team		<input type="checkbox"/> Yes
		# of page clicks on x product from REACH global newsletter	Country request to HQ		X Yes
		# of page clicks on x product from country newsletter, sendingBlue, bit.ly	Country team		X Yes
		# of visits to x webmap/x dashboard	Country request to HQ		<input type="checkbox"/> Yes
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	Informing CRC Steering Committee operational decisions.
		# 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		Country team	Usage_Feedback and Usage_Survey template	CRC partners to be consulted on the indicators captured by the assessment, with the possibility of updating based on partner needs
	Number of humanitarian documents (HNO, HRP, cluster/agency strategic plans, etc.) directly informed by IMPACT products	Perceived relevance of IMPACT country-programs			
		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	# of organisations providing resources (i.e. staff, vehicles, meeting space, budget, etc.) for activity implementation	Country team	Engagement_log	X Yes

	(providing resources, participating to presentations, etc.)				X Yes
		# of organisations/clusters inputting in research design and joint analysis			
		# of organisations/clusters attending briefings on findings;			

ANNEX 1: METHODOLOGY NOTE 1

INCLUDED AS RELEVANT

ANNEX 2: DISSEMINATION MATRIX

Dissemination Channel	Comments
Returns Working Group – Iraq and CRC Steering Committee	Final datasets and assessment outputs
Returns Working Group – Iraq and CRC Steering Committee	Preliminary findings presentation, final datasets, and assessment outputs
REACH Iraq SendInBlue mailing list	Final assessment outputs
REACH Resource Centre	Final datasets and assessment outputs
ReliefWeb	Final assessment outputs
HDX	Final datasets

ANNEX 3: DATA ANALYSIS PLAN

Annex 3.1: Qualitative data analysis plan:

Research Questions	Sub-research Question	SUBQ#	Data collection method	Data Collection Tool	Sub-research question group	Questionnaire QUESTION
N/A		1	KII	Community Leader KI	Key characteristics	Community leader name
		2	KII	Community Leader KI	Key characteristics	Community leader age
		3	KII	Community Leader KI	Key characteristics	In which neighborhood are you located?
		4	KII	Community Leader KI	Key characteristics	How many community leaders does this neighborhood have?
What is the current availability, functionality, and accessibility of services and infrastructure in the targeted urban area and how does this compare to the pre-crisis period?	What is the demographic composition of the targeted urban area?	5	KII	Community Leader KI	Community composition	How many families are you currently responsible for?
		6	KII	Community Leader KI	Community composition	What was this population before the arrival of Daesh?
		7	KII	Community Leader KI	Community composition	How many of the current families under your responsibility are non-displaced?
		8	KII	Community Leader KI	Community composition	How many of these families are hosting returnees or IDPs in their homes?
		9	KII	Community Leader KI	Community composition	How many of these families are returnees?
		10	KII	Community Leader KI	Community composition	How many of these families are IDPs?
		11	KII	Community Leader KI	Community composition	If there are returnees in the community, when did they return?
		12	KII	Community Leader KI	Community composition	Where did they return from?
		14	KII	Community Leader KI	Community composition	Are any returnees living in informal shelters (tents, schools, etc.)?
		15	KII	Community Leader KI	Community composition	If there are IDPs in the community: When did they arrive?
		16	KII	Community Leader KI	Community composition	Where did they come from?
		17	KII	Community Leader KI	Community composition	Are there areas of your neighborhood where high numbers of IDPs live?
		18	KII	Community Leader KI	Community composition	Are any IDPs living in informal shelters (tents, schools, etc.)?
		19	KII	Community Leader KI	Community composition	Do any neighborhoods in your area have high numbers of returnees? Which ones?
		20	KII	Community Leader KI	Community composition	Do any neighborhoods in your area have high numbers of IDPs? Which ones?
	What is the current availability, functionality, and accessibility of basic services	23	KII	Community Leader KI	Basic services	Do members of your community have access to electricity?
		24	KII	Community Leader KI	Basic services	How do they access it (government power, generators)?

in the targeted urban area and how does this compare to the pre-crisis period?	25	KII	Community Leader KI	Basic services	For how many hours per day is it available?
	26	KII	Community Leader KI	Basic services	Do certain areas of your neighborhood not have access to electricity?
	27	KII	Community Leader KI	Basic services	How many households do not have access?
	28	KII	Community Leader KI	Basic services	Do members of your community have access to water?
	29	KII	Community Leader KI	Basic services	How do they access it (pipes, wells, tanker trucks)?
	30	KII	Community Leader KI	Basic services	Is this water clean to drink? If no, do they have access to clean drinking water? How do they access it?
	31	KII	Community Leader KI	Basic services	Is the supply of water sufficient to meet the needs of the community?
	32	KII	Community Leader KI	Basic services	Do members of your community have access to solid waste removal services?
	33	KII	Community Leader KI	Basic services	Who provides this service?
	34	KII	Community Leader KI	Basic services	Is the service sufficient to address the solid waste removal needs of the population?
	35	KII	Community Leader KI	Basic services	Do members of your community have access to wastewater removal services?
	36	KII	Community Leader KI	Basic services	Who provides this service?
	37	KII	Community Leader KI	Basic services	Is this service sufficient to address the wastewater removal needs of the population?
What is the current availability, functionality, and accessibility of healthcare services in the targeted urban area and how does this compare to the pre-crisis period?	38	KII	Community Leader KI	Healthcare	Do members of your community have access to healthcare services?
	39	KII	Community Leader KI	Healthcare	Which neighborhoods within your area have functional hospitals or clinics (note the site, and which facility it has)?
	40	KII	Community Leader KI	Healthcare	Which of these sites have doctors available?
	41	KII	Community Leader KI	Healthcare	Which of these sites have specialists available?
	42	KII	Community Leader KI	Healthcare	Which of these sites offer maternal care?
	43	KII	Community Leader KI	Healthcare	Which of these sites offer trauma care?
	44	KII	Community Leader KI	Healthcare	If any of the above services are not available within your area, where do people travel to access those services?
	45	KII	Community Leader KI	Healthcare	Do members of your community have access to medication?
	46	KII	Community Leader KI	Healthcare	How do they access medication (receive from clinics and hospitals, purchase from pharmacies)?
	47	KII	Community Leader KI	Healthcare	Is medicine expensive? Are people having difficulty affording medication?
	48	KII	Community Leader KI	Healthcare	Are there any medications that are not available?
	49	KII	Community Leader KI	Healthcare	If yes, how do people who require those medications access them?
	50	KII	Community Leader KI	Education	Do members of your community have access to formal education?

	What is the current availability, functionality, and accessibility of education services in the targeted urban area and how does this compare to the pre-crisis period?	51	KII	Community Leader KI	Education	Where do members of your community go to access: Primary schools? Secondary schools? High schools? Universities?
		52	KII	Community Leader KI	Education	Are any educational facilities in your area that are not functioning?
		53	KII	Community Leader KI	Education	Where are they located?
		54	KII	Community Leader KI	Education	Why are they not functioning?
	What is the current availability, functionality, and accessibility of markets in the targeted urban area and how does this compare to the pre-crisis period?	55	KII	Community Leader KI	Markets	Where do members of your community go to access markets?
		56	KII	Community Leader KI	Markets	Do members of your community have access to PDS?
		57	KII	Community Leader KI	Markets	Which items do they have access to?
		58	KII	Community Leader KI	Markets	How often are these items available?
N/A		59	FGD	Community Group Service Mapping	Key characteristics	Facilitator name
		60	FGD	Community Group Service Mapping	Key characteristics	Note taker name
		61	FGD	Community Group Service Mapping	Key characteristics	Name of participant
		62	FGD	Community Group Service Mapping	Key characteristics	Neighborhood / Village
		63		Community Group Service Mapping	Key characteristics	# of participants
What is the current availability, functionality, and accessibility of services and infrastructure in the targeted urban area and	What is the composition of the targeted area of assessment?	64	FGD	Community Group Service Mapping	Community Composition	What are the boundaries of your community?
		65	FGD	Community Group Service Mapping	Community Composition	What is the population of this area (families or individuals)?
		66	FGD	Community Group Service Mapping	Community Composition	Are any of these families IDPs? If yes: How many? From where?

how does this compare to the pre-crisis period?		67	FGD	Community Group Service Mapping	Community Composition	Are any of these families returnees (those who displaced and have returned)? If yes (capture different groups if they exist), how many? When did they displace? Where did they displace to? When did they return?
		68	FGD	Community Group Service Mapping	Community Composition	Did any of these families not displace? If yes, how many?
		69	FGD	Community Group Service Mapping	Community Composition	Are any of these families hosting other families in their homes? If yes, how many? Who are the families sharing their homes?
		70	FGD	Community Group Service Mapping	Community Composition	Are any families in or around your community living in informal sites (i.e. tents, schools, mosques, unfinished buildings)? If yes, where?
		71	FGD	Community Group Service Mapping	Community Composition	Please indicate which entities are responsible for meeting the following needs of the community (government or non-government): 1. Municipal services? 2. Reconstruction? 3. Rule of law? 4. Reconciliation? 5. Support for poor and vulnerable families?
	What is the current availability, functionality, and accessibility of transport in the targeted urban area and how does this compare to the pre-crisis period?	72	FGD	Community Group Service Mapping	Transportation	Per transportation type 1. Is this mode of transportation always available? 2. Who operates it? 3. What is the cost (by destination)?
		73	FGD	Community Group Service Mapping	Transportation	Where does your community access gasoline? a. How much does it cost? b. Is this expensive?
		74	FGD	Community Group Service Mapping	Transportation	Are there any population groups who do not have access to transportation?
		75	FGD	Community Group Service Mapping	Transportation	Has access to transportation changed since before the arrival of ISIL?
		76	FGD	Community Group Service Mapping	Transportation	Are any previously used routes now closed due to checkpoints of damage?

	What is the current availability, functionality, and accessibility of water services in the targeted urban area and how does this compare to the pre-crisis period?	77	FGD	Community Group Service Mapping	Water	What are all the drinking and non-drinking water sources that are available in your area?
		78		Community Group Service Mapping	Water	Is there any difference between the sources (drinking and non-drinking)?
		79	FGD	Community Group Service Mapping	Water	Where does the water come from?
		80	FGD	Community Group Service Mapping	Water	How is it accessed?
		81	FGD	Community Group Service Mapping	Water	Does it cost money?
		82	FGD	Community Group Service Mapping	Water	Is it treated? By whom/what?
		83	FGD	Community Group Service Mapping	Water	For how many hours is it available per day?
		84	FGD	Community Group Service Mapping	Water	Are people becoming sick from the water? What kinds of sicknesses?
		85	FGD	Community Group Service Mapping	Water	Do any areas not have access?
		86	FGD	Community Group Service Mapping	Water	Do any groups not have access? Which groups? Why?
What are the perceptions and expectations of urban area residents with respect to short-, mid- and long-term delivery of basic services and assistance, and how do these perceptions and expectations vary between	What are the perceptions and expectations of urban area residents with respect to short-, mid- and long-term delivery of water, and how do these perceptions and expectations vary between population groups?	87	FGD	Community Group Service Mapping	Water	How does the current provision of drinking water differ from before the arrival of ISIL?
		88	FGD	Community Group Service Mapping	Water	What changes do you think are needed for water infrastructure in your area?
		89	FGD	Community Group Service Mapping	Water	Overall, who is responsible for the supply of water?
		90	FGD	Community Group Service Mapping	Water	Who is responsible for fixing issues related to water supply?

population groups?						
What is the current availability, functionality, and accessibility of services and infrastructure in the targeted urban area and how does this compare to the pre-crisis period?	What is the current availability, functionality, and accessibility of electricity services in the targeted urban area and how does this compare to the pre-crisis period?	91	FGD	Community Group Service Mapping	Electricity	For how many hours per day is electricity available?
		92	FGD	Community Group Service Mapping	Electricity	Is there any associated cost (per month, week)?
		93	FGD	Community Group Service Mapping	Electricity	Do any areas not have access to this source? Why?
What are the perceptions and expectations of urban area residents with respect to short-, mid- and long-term delivery of basic services and assistance, and how do these perceptions and expectations vary between population groups?	What are the perceptions and expectations of urban area residents with respect to short-, mid- and long-term delivery of electricity, and how do these perceptions and expectations vary between population groups?	94	FGD	Community Group Service Mapping	Electricity	How does the current supply of electricity differ from before the arrival of ISIL?
		95	FGD	Community Group Service Mapping	Electricity	What changes do you think are needed for electrical infrastructure in your area?
		96	FGD	Community Group Service Mapping	Electricity	Overall, is the supply of electricity sufficient to meet the needs of the population?
		97	FGD	Community Group Service Mapping	Electricity	Who is responsible for the supply of electricity?
		98	FGD	Community Group Service Mapping	Electricity	Who is responsible for fixing issues related to the supply of electricity?
What is the current availability, functionality, and accessibility of	What is the current availability, functionality, and accessibility of waste management services in the targeted urban area and how	99	FGD	Community Group Service Mapping	Solid Waste Removal	Is solid waste collected, or do families dispose of it individually?
		100	FGD	Community Group Service Mapping	Solid Waste Removal	(if collected): How often is solid waste collected? a. By whom? b. What is the cost?

services and infrastructure in the targeted urban area and how does this compare to the pre-crisis period?	does this compare to the pre-crisis period?	101	FGD	Community Group Service Mapping	Solid Waste Removal	Where is solid waste transported to?
		102	FGD	Community Group Service Mapping	Solid Waste Removal	Is solid waste burned?
		103	FGD	Community Group Service Mapping	Solid Waste Removal	Are there any health concerns related to the way in which solid waste is disposed of?
What are the perceptions and expectations of urban area residents with respect to short-, mid- and long-term delivery of basic services and assistance, and how do these perceptions and expectations vary between population groups?	What are the perceptions and expectations of urban area residents with respect to short-, mid- and long-term delivery of solid waste removal, and how do these perceptions and expectations vary between population groups?	104	FGD	Community Group Service Mapping	Solid Waste Removal	How does current solid waste removal differ from before the arrival of ISIL?
		105	FGD	Community Group Service Mapping	Solid Waste Removal	What changes do you think are needed for solid waste removal in your area?
		106	FGD	Community Group Service Mapping	Solid Waste Removal	Overall, are solid waste removal services sufficient to meet the needs of the population?
		107	FGD	Community Group Service Mapping	Solid Waste Removal	Who is responsible for the removal of solid waste?
		108	FGD	Community Group Service Mapping	Solid Waste Removal	(if solid waste removal services are not provided) Who should be responsible for the removal of solid waste from the area?
What is the current availability, functionality, and accessibility of services and infrastructure in the targeted urban area and how does this compare to the pre-crisis period?	What is the current availability, functionality, and accessibility of waste water services and infrastructure in the targeted urban area and how does this compare to the pre-crisis period?	109	FGD	Community Group Service Mapping	Water Waste Management	What wastewater infrastructure exists? Is it fully functional?
		110	FGD	Community Group Service Mapping	Water Waste Management	Who constructed it?
		111	FGD	Community Group Service Mapping	Water Waste Management	What services are available to dispose of wastewater? a. Who supplies them? b. What is the cost?
		112	FGD	Community Group Service Mapping	Water Waste Management	Are there any health concerns related to how wastewater is currently disposed of?
What are the perceptions	What are the perceptions and expectations of urban area	113	FGD	Community Group Service Mapping	Water Waste Management	How does current wastewater storage and removal differ from before the arrival of ISIL?

and expectations of urban area residents with respect to short-, mid- and long-term delivery of basic services and assistance, and how do these perceptions and expectations vary between population groups?	residents with respect to short-, mid- and long-term delivery of waste water managent, and how do these perceptions and expectations vary between population groups?	114	FGD	Community Group Service Mapping	Water Waste Management	What changes do you think are needed for wastewater storage and removal in your area?
		115	FGD	Community Group Service Mapping	Water Waste Management	Who is responsible for improving wastewater storage and removal?
		116	FGD	Community Group Service Mapping	Water Waste Management	Are you aware of plans to improve wastewater storage and removal systems in your area?
What is the current availability, functionality, and accessibility of services and infrastructure in the targeted urban area and how does this compare to the pre-crisis period?	What is the current availability, functionality, and accessibility of healthcare services in the targeted urban area and how does this compare to the pre-crisis period?	117	FGD	Community Group Service Mapping	Healthcare	Show on the map the locations of all healthcare facilities accessible to your community (health centers, clinics, hospitals)
		118	FGD	Community Group Service Mapping	Healthcare	Is this facility public or private? Who operates it? a. What is the cost of access?
		119	FGD	Community Group Service Mapping	Healthcare	How far is this facility from your community? a. How do members of your community reach this facility? b. Is there a cost for transport? c. Are there any barriers to accessing this facility?
		120	FGD	Community Group Service Mapping	Healthcare	How often is this facility open/accessible?
		121	FGD	Community Group Service Mapping	Healthcare	Does this facility have trained medical staff? If yes, which: a. Medical assistants b. Nurses c. Doctors d. Are any medical staff female?
		122	FGD	Community Group Service Mapping	Healthcare	What medical services are available at this location (specialists, paediatrician, maternity care, trauma care)?
		123	FGD	Community Group Service Mapping	Healthcare	Are medications available at this facility? a. Are they sufficient? b. Are any medications not available? Which?

		124	FGD	Community Group Service Mapping	Healthcare	Are nongovernmental organizations (NGOs) providing healthcare services or medicine to your community? a. What services? b. What organizations? c. How often?
		125	FGD	Community Group Service Mapping	Healthcare	Does your community have access to any informal healthcare facilities?
		126	FGD	Community Group Service Mapping	Healthcare	Please show on the map the locations where your community can access private pharmacies
What are the perceptions and expectations of urban area residents with respect to short-, mid- and long-term delivery of basic services and assistance, and how do these perceptions and expectations vary between population groups?	What are the perceptions and expectations of urban area residents with respect to short-, mid- and long-term delivery of healthcare services, and how do these perceptions and expectations vary between population groups?	127	FGD	Community Group Service Mapping	Healthcare	Please describe what changes you think are needed to improve access to healthcare services in your area
		128	FGD	Community Group Service Mapping	Healthcare	Who is responsible for improving access to healthcare?
		129	FGD	Community Group Service Mapping	Healthcare	What steps do you believe could be taken to improve access to healthcare in your area?
		130	FGD	Community Group Service Mapping	Healthcare	Are you aware of plans to improve access to healthcare services for your area?
What is the current availability, functionality, and accessibility of services and infrastructure in the targeted urban area and	What is the current availability, functionality, and accessibility of education services and infrastructure in the targeted urban area and how does this compare to the pre-crisis period?	131	FGD	Community Group Service Mapping	Education	Show on the map all schools accessible to your community
		132	FGD	Community Group Service Mapping	Education	How far is this school from your community? a. How do children from your community reach this school? b. Is there any cost for transportation? c. Are there barriers to accessing this facility?
		133	FGD	Community Group Service Mapping	Education	Are teachers present and being paid their salaries?

how does this compare to the pre-crisis period?		134	FGD	Community Group Service Mapping	Education	Is this school primary, secondary, high school or mixed?
		135	FGD	Community Group Service Mapping	Education	Is this school gender segregated?
		136	FGD	Community Group Service Mapping	Education	Does the school operate in shifts? a. Is this a change from before the arrival of ISIL?
		137	FGD	Community Group Service Mapping	Education	Does the school have sufficient materials (books, desks, blackboards)?
		138	FGD	Community Group Service Mapping	Education	Has the school been damaged? a. If yes: How so?
		139	FGD	Community Group Service Mapping	Education	Is the school overcrowded? How many students per classroom? a. Has this changed since before the arrival of ISIL?
What are the perceptions and expectations of urban area residents with respect to short-, mid- and long-term delivery of basic services and assistance, and how do these perceptions and expectations vary between population groups?	What are the perceptions and expectations of urban area residents with respect to short-, mid- and long-term delivery of education services, and how do these perceptions and expectations vary between population groups?	140	FGD	Community Group Service Mapping	Education	Please describe what changes you think are needed to improve access to educational services in your area
		141	FGD	Community Group Service Mapping	Education	Who is responsible for improving access to education in your area?
		142	FGD	Community Group Service Mapping	Education	What steps do you believe could be taken to improve access to education in your area?
		143	FGD	Community Group Service Mapping	Education	Are you aware of plans to improve access to education in your area?
What is the current availability, functionality, and accessibility of services and infrastructure	What access issues exist for the community related to ERW and UXOs?	144	FGD	Community Group Service Mapping	Protection	Please indicate on the map places in your area of knowledge in which communities cannot go because of mines or other dangers from the conflict

in the targeted urban area and how does this compare to the pre-crisis period?						
N/A		145	KII	Expert KI	Key characteristics	Name expert KI
		146	KII	Expert KI	Key characteristics	Expertise KI
		147	KII	Expert KI	Key characteristics	Neighborhood / Village
		148	KII	Expert KI	Key characteristics	Profession
What is the current availability, functionality, and accessibility of services and infrastructure in the targeted urban area and how does this compare to the pre-crisis period?	What is the current availability, functionality, and accessibility of education services and infrastructure in the targeted urban area and how does this compare to the pre-crisis period?	149	KII	Expert KI	Education	What is your area of knowledge regarding education? Which neighbourhoods specifically?
		150	KII	Expert KI	Education	Are schools generally functional in this area?
		151	KII	Expert KI	Education	Which schools in particular are not functioning, to your knowledge? (Name, Type, Neighbourhood, Reason for non-functionality?)
		152	KII	Expert KI	Education	Are students attending classes in partially damaged schools?
		153	KII	Expert KI	Education	Roughly how many schools are damaged but still functional?
		154	KII	Expert KI	Education	Are schools overcrowded?
		155	KII	Expert KI	Education	If yes: Which schools are overcrowded? Are any particular students likely to have overcrowded classrooms (primary, secondary, boys, girls)? Why are classrooms overcrowded? Is this different from the pre-ISIL period?
		156	KII	Expert KI	Education	Do students have to travel outside of their neighbourhoods to attend school?
		157	KII	Expert KI	Education	Are students in any particular neighbourhoods more likely to have to travel outside of their neighbourhood to attend school? Which neighbourhoods?
		158	KII	Expert KI	Education	Are any particular groups of students more likely to have to travel outside of their neighbourhoods to attend school (boys, girls, high school students, etc.)?
		159	KII	Expert KI	Education	Do residents of any neighbourhood in particular have difficulty accessing education?
		160	KII	Expert KI	Education	Why/what are their barriers?
		161	KII	Expert KI	Education	Any specific population groups (boys, girls, high school students, etc.)?
		162	KII	Expert KI	Education	Was this the case before ISIL?
		163	KII	Expert KI	Education	What is being done to improve these resident's access to education?

		164	KII	Expert KI	Education	In general, are schools in your area of knowledge lacking any of the following: Teachers. If yes: Why? Was this an issue in the pre-ISIL period? Are teachers receiving their salaries? If not, why not? What is currently being done to address shortages of teachers? In your opinion, how can this issue be resolved? Books. If yes: Why? Was this an issue in the pre-ISIL period? Who is responsible for providing books? How are students and teachers coping with shortages of books? What is currently being done to address shortages of books? In your opinion, how can this issue be resolved? Desks. If yes: Why? Was this an issue in the pre-ISIL period? Who is responsible for providing desks? What is currently being done to address shortages of desks? In your opinion, how can this issue be resolved? Other materials? What are they? Why are these shortages of these materials? Were these shortages an issue in the pre-ISIL period?
		165	KII	Expert KI	Education	In general, within your area of knowledge, how does access to education currently differ from the pre-ISIL period? What are the primary barriers for students to access education?
		166	KII	Expert KI	Education	In general, within your area of knowledge, what is currently being done to address barriers to accessing education? What organizations (government, NGO, civil society) are taking steps to address these barriers?
		167	KII	Expert KI	Education	In your opinion, what more should be done within your area of knowledge to improve access to education?
		168	KII	Expert KI	Education	Who is responsible for taking these steps to improve access to education?
		169	KII	Expert KI	Education	What are the primary barriers to taking these steps to improve access to education?
	What is the current availability, functionality, and accessibility of electricity services and infrastructure in the targeted urban area and how does this compare to the pre-crisis period?	170	KII	Expert KI	Electricity	What is your area of knowledge regarding energy services? Which neighbourhoods specifically?
		171	KII	Expert KI	Electricity	Is the public electricity network generally functioning in this area?
		172	KII	Expert KI	Electricity	Are there any areas that do not receive public electricity?
		173	KII	Expert KI	Electricity	Does it cost money to access public electricity? If yes: how much per unit? Is this more or less than in the pre-ISIL period? Which neighbourhoods? Why? If no: is this different than the pre-ISIL period? If yes: how so?
		174	KII	Expert KI	Electricity	On average, for how many hours per day is public electricity available?
		175	KII	Expert KI	Electricity	Is this more or less than in the pre-ISIL period?

		176	KII	Expert KI	Electricity	Does this amount fluctuate by season? If yes: by how much?
		177	KII	Expert KI	Electricity	How many public power plants supply electricity to the area?
		178	KII	Expert KI	Electricity	Where are they located?
		179	KII	Expert KI	Electricity	Are there any power plants that were functional in the pre-ISIL period that are currently non-functional?
		180	KII	Expert KI	Electricity	Where?
		181	KII	Expert KI	Electricity	What is the reason for their non-functionality?
		182	KII	Expert KI	Electricity	What effect does this have on the supply of power to the area?
		183	KII	Expert KI	Electricity	Does the non-functionality of this/these plants affect any areas more than others?
		184	KII	Expert KI	Electricity	Is there damage to the electrical network (power lines) in the area?
		185	KII	Expert KI	Electricity	What effect does this damage have?
		186	KII	Expert KI	Electricity	Are any neighbourhoods affected more than others?
		187	KII	Expert KI	Electricity	Is the damage being repaired? If yes: by whom?
		188	KII	Expert KI	Electricity	Overall, is the provision of public electricity different than in the pre-ISIL period? If yes: how?
		189	KII	Expert KI	Electricity	Do residents in the area have access to communal generators?
		190	KII	Expert KI	Electricity	Do any particular areas not have access to communal generators? If yes: which areas? Why?
		191	KII	Expert KI	Electricity	On average, how many hours per day do residents receive power from communal generators?
		192	KII	Expert KI	Electricity	Does it cost money to access electricity from communal generators?
		193	KII	Expert KI	Electricity	If yes: how much per unit?
		194	KII	Expert KI	Electricity	Is this different than in the pre-ISIL period? If yes: how?
		195	KII	Expert KI	Electricity	If no: is this different than the pre-ISIL period? If yes: how so?
		196	KII	Expert KI	Electricity	Overall, is the provision of electricity from communal generators different than during the pre-ISIL period? If yes: how so?
		197	KII	Expert KI	Electricity	Currently, what are the primary barriers for residents to access electricity – either from the public grid or from communal generators?
		198	KII	Expert KI	Electricity	What is being done to address these barriers?
		199	KII	Expert KI	Electricity	Are any organisations (government, NGO, civil society) taking steps to address these barriers?
		200	KII	Expert KI	Electricity	In your opinion, what more should be done to improve electricity provision?
		201	KII	Expert KI	Electricity	Who is responsible for taking steps to improve access to electricity?
		202	KII	Expert KI	Electricity	What are the primary barriers to taking these steps to improve access to electricity?
	What is the current availability, functionality, and	203	KII	Expert KI	Healthcare	What is your area of knowledge regarding health? Which neighbourhoods specifically?
		204	KII	Expert KI	Healthcare	Are the public healthcare facilities (hospitals, clinics) functional in this area?

accessibility of healthcare services and infrastructure in the targeted urban area and how does this compare to the pre-crisis period?	205	KII	Expert KI	Healthcare	Which healthcare facilities are not functioning, to your knowledge? Name Type Neighbourhood Reason for non-functionality
	206	KII	Expert KI	Healthcare	Do public healthcare facilities (hospitals, clinics) in the area have shortages of any of the following? Medical staff (doctors, female doctors, paediatricians)? Equipment and supplies (X-ray, bandages, needles, beds)? Medicine? If yes: which medicines are not available at public health facilities?
	207	KII	Expert KI	Healthcare	Are shortages different now than in the pre-ISIL period? How so?
	208	KII	Expert KI	Healthcare	What is causing these shortages?
	209	KII	Expert KI	Healthcare	Is anything being done to address these shortages? What? By whom?
	210	KII	Expert KI	Healthcare	In your opinion, what steps could be taken to address there shortages?
	211	KII	Expert KI	Healthcare	How are current shortages different from the pre-ISIL period?
	212	KII	Expert KI	Healthcare	Do residents within your area of knowledge have access to medicine?
	213	KII	Expert KI	Healthcare	How do residents access medicine?
	214	KII	Expert KI	Healthcare	What medicines are most commonly consumed by residents within your area of knowledge?
	215	KII	Expert KI	Healthcare	What medicines are the most difficult for residents to access? Why?
	216	KII	Expert KI	Healthcare	Are any medicines now more expensive than previously? Why?
	217	KII	Expert KI	Healthcare	What is currently being done to improve access to medicine within your area of knowledge? Who is taking those steps?
	218	KII	Expert KI	Healthcare	In your opinion, what future steps could be taken to improve access to medicine within your area of knowledge?
	219	KII	Expert KI	Healthcare	Overall, how is the accessibility to medicine different now than in the pre-ISIL period?
	220	KII	Expert KI	Healthcare	Do residents have to travel outside of their neighbourhood to access medical care?
	221	KII	Expert KI	Healthcare	Are residents in any particular neighbourhoods more likely to travel outside of their neighbourhood to access healthcare? Which neighbourhoods?
	222	KII	Expert KI	Healthcare	Are any particular groups more likely to have to travel outside of their neighbourhood to access healthcare (men, women, children, those with chronic disease, disabled etc.)?
	223	KII	Expert KI	Healthcare	Do residents of any neighbourhood in particular have difficulty accessing healthcare facilities?
	224	KII	Expert KI	Healthcare	Why / what are their barriers?
	225	KII	Expert KI	Healthcare	Any specific population groups (men, women, children, disabled etc.)?

		226	KII	Expert KI	Healthcare	Was this the case before ISIL?
		227	KII	Expert KI	Healthcare	What is being done to improve these residents access to healthcare?
		228	KII	Expert KI	Healthcare	In general, within your area of knowledge, how does access to healthcare currently differ from the pre-ISIL period? What are the primary barriers to accessing healthcare?
		229	KII	Expert KI	Healthcare	In general, within your area of knowledge, what is currently being done to address barriers to accessing healthcare?
		230	KII	Expert KI	Healthcare	What organisations (government, NGO, civil society) are taking steps to address these barriers?
		231	KII	Expert KI	Healthcare	In your opinion, what more should be done within your area of knowledge to improve access to education?
		232	KII	Expert KI	Healthcare	Who is responsible for taking these steps to improve access to healthcare?
		233	KII	Expert KI	Healthcare	What are the primary barriers to taking these steps to improve access to healthcare?
	What is the current availability, functionality, and accessibility of waste management services and infrastructure in the targeted urban area and how does this compare to the pre-crisis period?	234	KII	Expert KI	Solid Waste Removal	What is your area of knowledge regarding waste management? What neighbourhoods specifically?
		235	KII	Expert KI	Solid Waste Removal	Is there a functioning solid waste collection system in the area? If yes: How often is solid waste collected? Does the frequency depend on the neighbourhood? Who collects the solid waste? Government NGO Private company Does it cost money for residents? Is the solid waste collection sufficient to meet the needs of the community? If no: why not?
		236	KII	Expert KI	Solid Waste Removal	How does the functionality of the solid waste collection system differ from the pre-ISIL period? Organization responsible? Frequency? Areas with functional collection services?
		237	KII	Expert KI	Solid Waste Removal	Are there certain neighbourhoods where waste is not being collected? If so, which neighbourhoods? Why?
		238	KII	Expert KI	Solid Waste Removal	In general, are solid waste collection services sufficient to meet the needs of the community?
		239	KII	Expert KI	Solid Waste Removal	Within your area of knowledge, what are the main barriers preventing solid waste collection services from meeting the needs of the population?
		240	KII	Expert KI	Solid Waste Removal	Within your area of knowledge, what is currently being done to address barriers to waste collection?
		241	KII	Expert KI	Solid Waste Removal	What organisations (government, NGO, civil society) are taking steps to address these barriers?

		242	KII	Expert KI	Solid Waste Removal	In your opinion, what more should be done within your area of knowledge to improve waste collection?
		243	KII	Expert KI	Solid Waste Removal	Who is responsible for taking these steps to improve waste collection?
		244	KII	Expert KI	Solid Waste Removal	What are the primary barriers to taking these steps to improve waste collection?
		245	KII	Expert KI	Solid Waste Removal	Where is waste taken after it is collected?
		246	KII	Expert KI	Solid Waste Removal	Was this the case before ISIL?
		247	KII	Expert KI	Solid Waste Removal	Is the waste burned at these locations?
		248	KII	Expert KI	Solid Waste Removal	Are there any negative health effects in the area from the burning of solid waste?
	What is the current availability, functionality, and accessibility of water services and infrastructure in the targeted urban area and how does this compare to the pre-crisis period?	249	KII	Expert KI	Water	What is your area of knowledge regarding water management? Which neighbourhoods specifically?
		250	KII	Expert KI	Water	What are the sources of water in this area?
		251	KII	Expert KI	Water	Are these sources different compared to the pre-ISIL period?
		252	KII	Expert KI	Water	Which of these sources are safe to drink? Is this different compared to the pre-ISIL period?
		253	KII	Expert KI	Water	Are residents drinking water that is not safe to drink? Why? From what sources? Was this happening in the pre-ISIL period as well?
		254	KII	Expert KI	Water	Is the water network generally functioning in this area?
		255	KII	Expert KI	Water	Which areas in particular are not functioning, to your knowledge?
		256	KII	Expert KI	Water	What neighbourhoods?
		257	KII	Expert KI	Water	Reason for non-functionality?
		258	KII	Expert KI	Water	What is being done to repair the functionality of the water networks in this area? Who is doing the work?
		259	KII	Expert KI	Water	What are the main barriers to repairing the functionality of these water networks?
		260	KII	Expert KI	Water	Are there functioning water treatment plants servicing the neighbourhood?
		261	KII	Expert KI	Water	Are there plants that are partially functioning?
		262	KII	Expert KI	Water	Are there plants that are not functional that were functioning in the pre-ISIL period?
		263	KII	Expert KI	Water	Why are they not functional?
		264	KII	Expert KI	Water	What is being done to make these plants functional again?
		265	KII	Expert KI	Water	Is there damage to the water pipe network in the area?
		266	KII	Expert KI	Water	What effects does this damage have on the provision of water?
		267	KII	Expert KI	Water	Which areas are affected?
		268	KII	Expert KI	Water	Is the damage being repaired? If yes: by whom?
		269	KII	Expert KI	Water	Is the provision of public water in the neighbourhood generally considered to be sufficient to meet the needs of the population?

		270	KII	Expert KI	Water	What are the main causes of water shortages in this area?
		271	KII	Expert KI	Water	Were there water shortages in the pre-ISIL period?
		272	KII	Expert KI	Water	If yes: what were the causes of those shortages?
		273	KII	Expert KI	Water	What are the main barriers to the provision of water in the neighbourhood?
		274	KII	Expert KI	Water	What is being done to address these barriers?
		275	KII	Expert KI	Water	Are any organisations (government, NGO, civil society) taking steps to address these barriers?
		276	KII	Expert KI	Water	In your opinion, what more should be done to improve access to water in the neighbourhood?
		277	KII	Expert KI	Water	Who is responsible for taking these steps to improve water provision?
		278	KII	Expert KI	Water	What are the primary barriers to taking these steps to improve water provision?

Annex 3.2: Quantitative data analysis plan:

Research questions	Sub-Research questions	IN #	Data collection method	Indicator Group / Sector	Indicator / Variable	Questionnaire question	Questionnaire responses	Data collection level
N/A	N/A	1	HH interview (KoBoCollect)	Enumerator questions	Enumerator name	Enumerator's name	text	HH
		2	HH interview (KoBoCollect)	Enumerator questions	Group number	Group number	integer	HH
		3	HH interview (KoBoCollect)	Enumerator questions	Grid	Which grid are you in?	integer	HH
		4	HH interview (KoBoCollect)	Enumerator questions	Location name	Name of the current location	select_one location	HH
		5	HH interview (KoBoCollect)	Enumerator questions	GPS location	Record the current location within 5 meters of accuracy	geopoint	HH
	N/A	6	HH interview (KoBoCollect)	Interviewee questions	Interviewee age	What is the age of the interviewee?	integer	HH
		7	HH interview (KoBoCollect)	Interviewee questions	Interviewee gender	What is the gender of the interviewee?	select_one sex	HH
		8	HH interview (KoBoCollect)	Interviewee questions	% of interviews conducted to the HH	Are you the head of household?	select_one Yes_No	HH
		9	HH interview (KoBoCollect)	Interviewee questions	Consent	Do you agree to participate?	select_one Yes_No	HH
What is the demographic profile of the	N/A	10	HH interview (KoBoCollect)	Household Profile	% of HH living in subdistrict prior to January 2014	Was your household living in this subdistrict prior to January 2014?	select_one Yes_No	HH

population within the area of assessment?	11	HH interview (KoBoCollect)	Household Profile	% of households being displaced from sub-district since january 2014	Have you been displaced from this sub-district since January 2014?	select_one Yes_No	HH
	12	HH interview (KoBoCollect)	Household Profile	Note for enumerator	This household is a returnee household.	note	HH
	13	HH interview (KoBoCollect)	Household Profile	Note for enumerator	This household is non-displaced.	note	HH
	14	HH interview (KoBoCollect)	Household Profile	% of IDP households	Did you move to this subdistrict because of the conflict?	select_one Yes_No	HH
	15	HH interview (KoBoCollect)	Household Profile	Note for enumerator	This household is an IDP household.	note	HH
	16	HH interview (KoBoCollect)	Household Profile	Duration of displacement	When did you return to this subdistrict after your most recent incidence of displacement?	date	HH
	17	HH interview (KoBoCollect)	Household Profile	Duration of displacement	When were you initially displaced from your sub-district?	date	HH
	18	HH interview (KoBoCollect)	Household Profile	Duration of displacement	When were you initially displaced from your sub-district?	date	HH
	19	HH interview (KoBoCollect)	Household Profile	Displacement status - IDP (secondarily displaced)	Is this location your first place of displacement?	select_one Yes_No	HH
	20	HH interview (KoBoCollect)	Household Profile	Displacement status - returnee	When did you arrive to this current location?	date	HH
	21	HH interview (KoBoCollect)	Household Profile	% of IDPs that originate from [insert governorate]	What governorate in Iraq were you living in before your displacement (forced to leave your home)?	select_one Governorate_ABA	HH
	22	HH interview (KoBoCollect)	Household Profile	% of IDPs that originate from [insert district]	What district in Iraq were you living in before your displacement?	select_one District_ABA	HH
	23	HH interview (KoBoCollect)	Household Profile	% of households hosting others	Are you hosting others in this house?	select_one Yes_No	HH
	24	HH interview (KoBoCollect)	Household Profile	% of households being hosted	Are you being hosted in this house?	select_one Yes_No	HH

		25	HH interview (KoBoCollect)	Household Profile	% of households living in the same home as prior to displacement	How long have you lived in this house?	date	HH
		26	HH interview (KoBoCollect)	Household Profile	% of households in which at least one member has any disability	Does any member of this household have any disability?	select_one Yes_No	HH
		27	HH interview (KoBoCollect)	Household Profile	% of households in which members have lost birth certificates, national ID cards or other forms of personal documentation	Is any civil document of any member of this household lost, damaged or expired?	select_one Yes_No	HH
		28	HH interview (KoBoCollect)	Household Profile	% of households in which at least one member needed to access health services or treatment	In the last three months, has any member of this household needed to access health services or treatment (including medicines)?	select_one Yes_No	HH
		29	HH interview (KoBoCollect)	Household Profile	# of individuals in HH	How many members are there in your household?	integer	HH
		30	HH interview (KoBoCollect)	Household Profile	# of individuals in family	How many members are there in your family?	integer	HH
		31	HH interview (KoBoCollect)	Household Profile	Relation of members with HH	What is [this person]'s relation to the head of household?	select_one relationship	HH
		32	HH interview (KoBoCollect)	Household Profile	Sex	What is the sex of [this person]?	select_one sex	HH
		33	HH interview (KoBoCollect)	Household Profile	Age	What is the age of [this person]?	integer	HH
		34	HH interview (KoBoCollect)	Household Profile	Marital status	What is [person]'s marital status?	select_one marital_status	HH
		35	HH interview (KoBoCollect)	Household Profile	Disability	Does the person have any disabilities?	select_one ynd	HH
		36	HH interview (KoBoCollect)	Household Profile	% of people with disabilities whose disability is related to an explosive hazard	Is [this person's] disability related to an explosive hazard (i.e. mines, UXO, IED)?	select_one YNDD	HH

		37	HH interview (KoBoCollect)	Household Profile	% of people with disabilities whose disability affects their ability to perform daily activities	Does the medical problem/disability affect the person's ability to perform daily living activities?	select_one ynd	HH
		38	HH interview (KoBoCollect)	Household Profile	% of HHs with at least one member either pregnant or lactating	Is the person pregnant or lactating?	select_one ynd	HH
		39	HH interview (KoBoCollect)	Household Profile	% of households with at least one member missing civil documentation	Are the civil documents of [this person] lost, damaged or expired?	select_one Yes_No	HH
		40	HH interview (KoBoCollect)	Household Profile	Top types of documentation that are lost, damaged, or expired	If yes, which types of documentation are lost, damaged, or expired?	select_multiple civil_documents	HH
		41	HH interview (KoBoCollect)	Household Profile	Top types of documentation that are lost, damaged, or expired - Other	if other, please describe	text	HH
		42	HH interview (KoBoCollect)	Household Profile	% of households with at least one member missing civil documentation due to displacement	Are the civil documents of [this person] lost, damaged or expired because of displacement?	select_one ynd	HH
		43	HH interview (KoBoCollect)	Household Profile	% of households with at least one member missing civil documentation due to displacement facing administrative obstacles	Did [this person] face legal and administrative obstacles to obtaining or replacing the documents?	select_one ynd	HH
		44	HH interview (KoBoCollect)	Household Profile	% of households with at least one member missing civil documentation able to replace the documents	Was [this person] able to replace the documents?	select_one ynd	HH

		45	HH interview (KoBoCollect)	Household Profile	% of children under 5 years whose birth has been registered with the authorities	Has the child [under 5 years old] the birth registered with the authorities?	select_one ynd	HH
		46	HH interview (KoBoCollect)	Household Profile	% of households needing to access health services in the 3 months prior to data collection	In the last three months, has [this person] needed to access health services or treatment (including medicines)?	select_one YNDD	HH
		47	HH interview (KoBoCollect)	Household Profile	% of households needing to access health services in the 3 months prior to data collection able to access the needed services or treatment	Was this person able to access the needed health services or treatment?	select_one YNDD	HH
		48	HH interview (KoBoCollect)	Household Profile	Primary barriers to accessing healthcare (top 3), among those accessing health services in previous 3 months	What difficulties, if any, did the person encounter?	select_multiple health_barriers	HH
		49	HH interview (KoBoCollect)	Household Profile	Prevalence of common health conditions: % of HHs with at least one member reporting [specific health conditions] in the past 30 days	In the past 30 days, has the person suffered from any the following health conditions or events?	select_multiple health_events	HH
		50	HH interview (KoBoCollect)	Household Profile	Prevalence of common health conditions: % of HHs with at least one member reporting [specific health conditions] in the past 30 days - Other	If other, please describe	text	HH

		51	HH interview (KoBoCollect)	Household Profile	Prevalence of common non-communicable diseases: % of HHs with at least one member reporting [specific health conditions]	Does this person have any of the following chronic health conditions?	select_multiple chronic	HH
		52	HH interview (KoBoCollect)	Household Profile	Polio vaccination rate	Has the child (under 5 years old) been vaccinated against Polio?	select_one Yes_No	HH
		53	HH interview (KoBoCollect)	Household Profile	Measles vaccination rate	Has the child (under 5 years old) been vaccinated against Measles?	select_one Yes_No	HH
		54	HH interview (KoBoCollect)	Household Profile	Penta 3 vaccination rate	Has the person (under 2 years old) been vaccinated against Penta 3?	select_one Yes_No	HH
		55	HH interview (KoBoCollect)	Household Profile	% of HHs with children aged between 6 -17 attending formal education during the school season	Is the person (6-17) currently attending formal education? (during school season)	select_one YNDD	HH
		56	HH interview (KoBoCollect)	Household Profile	% of HHs with children aged between 6 -17 attending a non-formal learning environment during school season	Is the person (6-17) currently attending a non-formal learning environment at least 3 days per week? (during school season)	select_one YNDD	HH
		57	HH interview (KoBoCollect)	Household Profile	Number of academic years missed since June 2014	Has the person (6-17) missed any years of formal education since June 2014?	select_one YNDD	HH
		58	HH interview (KoBoCollect)	Household Profile	Years of formal education missed during the period	How many years of formal education did [this person] (6-17) miss during this period?	integer	HH
		59	HH interview (KoBoCollect)	Household Profile	% of HHs with children aged between 6 -17 who have never attended school	Has the person (6-17) ever attended school?	select_one YNDD	HH
		60	HH interview (KoBoCollect)	Household Profile	Average time of not attending school (among children who have dropped out)	In what month and year did this person stop attending school?	date	HH

		61	HH interview (KoBoCollect)	Household Profile	Most reported reason for not attending school (top 3 answers)	If the person does not attend school, what were the reasons?	select_multiple reasons_not_attend	HH
		62	HH interview (KoBoCollect)	Household Profile	Most reported reason for not attending school (top 3 answers) - Other	If other, please describe	text	HH
		63	HH interview (KoBoCollect)	Household Profile		Will this person re-enroll in formal education?	select_one Yes_No	HH
		64	HH interview (KoBoCollect)	Household Profile	Demographics of HHs members working in the last 30 days % of households with children (aged 6-17) working during the previous 30 days	Is [this person] earning an income?	select_one Yes_No	HH
		65	HH interview (KoBoCollect)	Household Profile	Average of days worked in the past 30 days	In the past 30 days, for how many days did [this person] work?	integer	HH
		66	HH interview (KoBoCollect)	Household Profile	Most reported income source (top 3 answers) - Other	What's the income source?	select_multiple income_source	HH
		67	HH interview (KoBoCollect)	Household Profile	Most reported income source (top 3 answers) - Other	If other, please describe	text	HH
		68	HH interview (KoBoCollect)	Household Profile	Ratio of government employments to the civilian non-institutional population	Is [this person] a Governmental employee?	select_one Yes_No	HH
		69	HH interview (KoBoCollect)	Household Profile	% of HHs with adults (18+) actively seeking work in the community	Is [this person] actively seeking work?	select_one ynd	HH
		70	HH interview (KoBoCollect)	Household Profile	Most reported barriers in finding work (top 3 answers) - Other	What obstacles, if any, is [this person] facing in finding work?	select_multiple employment_barriers	HH

		71	HH interview (KoBoCollect)	Household Profile	Most reported barriers in finding work (top 3 answers)	If other, please describe	text	HH
What are the multi-sectoral needs of the population within the area of assessment?	What are the priority WASH needs of the population residing in the target area and do they show any variation across population groups?	72	HH interview (KoBoCollect)	WASH	Primary source of drinking water	What has been your primary source of drinking water during the last 7 days?	select_one water_source	HH
		73	HH interview (KoBoCollect)	WASH	Other	If other, please describe	text	HH
		74	HH interview (KoBoCollect)	WASH	% of household that report poor quality drinking water	Is this water source clean for drinking?	select_one Yes_No	HH
		75	HH interview (KoBoCollect)	WASH	% of population that use water treatment, by type	How do you treat your drinking water before consumption? Select all that apply	select_one safer_drinking	HH
		76	HH interview (KoBoCollect)	WASH	Other	If other, please describe	text	HH
		77	HH interview (KoBoCollect)	WASH	Primary source of water for cleaning/washing	What has been your primary source of water for cleaning and washing during the last 7 days?	select_one water_source	HH
		78	HH interview (KoBoCollect)	WASH	Other	If other, please specify	text	HH
		79	HH interview (KoBoCollect)	WASH	% of households with water tanks	Does your household have a functioning water tank?	select_one Yes_No	HH
		80	HH interview (KoBoCollect)	WASH	Capacity of water tank in liters	What is the capacity of your water tank in liters?	integer	HH
		81	HH interview (KoBoCollect)	WASH	% households with access to public, communal, private or no functional latrines by shared/unisex, privacy	What types of functional latrines do you currently have access to?	select_multiple latrines	HH
		82	HH interview (KoBoCollect)	WASH	% households with access to public, communal, private or no functional latrines by shared/unisex, privacy	Are communal or public latrines separate for men and women?	select_one Yes_No	HH
		83	HH interview (KoBoCollect)	WASH	% of households with access to latrines that have sufficient lighting	Does your household currently have access to a functioning latrine that has sufficient lighting?	select_one communal	HH

		84	HH interview (KoBoCollect)	WASH	% of households with access to latrines that are lockable from the inside	Does your household currently have access to a functioning latrine that is lockable from the inside?	select_one communal	HH
		85	HH interview (KoBoCollect)	WASH	% households with access to functional private, communal or public shower or bathing place	What types of functional shower/bathing area do you have access to?	select_multiple showers	HH
		86	HH interview (KoBoCollect)	WASH	% households with access to functional private, communal or public shower or bathing place	Are communal or public showers / bathing area separate for men and women?	select_one Yes_No	HH
		87	HH interview (KoBoCollect)	WASH	% of households with access to showers that have sufficient lighting	Does your household currently have access to a functioning shower or a bathing area that has sufficient lighting?	select_one communal	HH
		88	HH interview (KoBoCollect)	WASH	% of households with access to showers that are lockable from the inside	Does your household currently have access to a functioning shower/bathing area that is lockable from the inside?	select_one communal	HH
	What are the priority Food Security needs of the population residing in the target area and do they show any variation across population groups?	89	HH interview (KoBoCollect)	Food Security	Food Consumption Score	Over the last 7 days, how many days did your household consume the following food?	integer	HH
		90	HH interview (KoBoCollect)	Food Security	Food Consumption Score	Cereals, grains, roots and tubers: rice, pasta, bread, potato	integer	HH
		91	HH interview (KoBoCollect)	Food Security	Food Consumption Score	Legumes / nuts : beans, peanuts, lentils, nut, soy, and / or other nuts	integer	HH
		92	HH interview (KoBoCollect)	Food Security	Food Consumption Score	Milk and other dairy products: fresh milk / sour, yogurt, cheese, other dairy products (Exclude margarine / butter or small amounts of milk for tea / coffee)	integer	HH

		93	HH interview (KoBoCollect)	Food Security	Food Consumption Score	Meat, fish and eggs: goat, beef, chicken, fish, including canned ttna, and / or other seafood, eggs (meat and fish consumed in large quantities and not as a condiment)	integer	HH
		94	HH interview (KoBoCollect)	Food Security	Food Consumption Score	Vegetables and leaves: spinach, onion, tomatoes, carrots, peppers, green beans, lettuce, cabbages, egg plants, etc	integer	HH
		95	HH interview (KoBoCollect)	Food Security	Food Consumption Score	Fruits: banana, apple, lemon, mango, watermelon, apricot, peach, pineapple, passion, gishta, orange, avocado, wild fruits etc	integer	HH
		96	HH interview (KoBoCollect)	Food Security	Food Consumption Score	Oil / fat / butter: vegetable oil, palm oil, margarine, other fats / oil	integer	HH
		97	HH interview (KoBoCollect)	Food Security	Food Consumption Score	Sugar, or sweet: sugar, honey, jam, cakes, candy, cookies, pastries, cakes and other sweet (sugary drinks)	integer	HH
		98	HH interview (KoBoCollect)	Food Security	Food Consumption Score	Condiments / Spices: tea, coffee / cocoa, salt, garlic, spices, yeast / baking powder, lanwin, tomato / sauce, meat or fish as a condiment, condiments including small amount of milk / tea coffee.	integer	HH
		99	HH interview (KoBoCollect)	Food Security	# meal eaten per day, by adults	How many meals did the adults of this household eat yesterday?	integer	HH
		100	HH interview (KoBoCollect)	Food Security	# meal eaten per day, by children	How many meals did the children under 5 of this household eat yesterday?	integer	HH
		101	HH interview (KoBoCollect)	Food Security	% households that report the ability to cook	Is your household able to cook its food at least once a day, on average?	select_one Yes_No	HH
		102	HH interview (KoBoCollect)	Food Security	Main reason why they cannot cook	If not, what is the main reason?	select_one nocook	HH

		103	HH interview (KoBoCollect)	Food Security	Main reason why they cannot cook - Other	if other, please specify	text	HH
		104	HH interview (KoBoCollect)	Food Security	Coping Strategy Index (7 day recall period)	During the last 7 days, how many times (in days) did your household have to employ one of the following strategies to cope with a lack of food or money to buy it?	integer	HH
		105	HH interview (KoBoCollect)	Food Security	Coping Strategy Index (7 day recall period)	Shifting toward cheaper and less quality food items.	integer	HH
		106	HH interview (KoBoCollect)	Food Security	Coping Strategy Index (7 day recall period)	Borrowing food or asking assistance from relatives and friends	integer	HH
		107	HH interview (KoBoCollect)	Food Security	Coping Strategy Index (7 day recall period)	Reducing the number of daily meals	integer	HH
		108	HH interview (KoBoCollect)	Food Security	Coping Strategy Index (7 day recall period)	Consume less food during meals	integer	HH
		109	HH interview (KoBoCollect)	Food Security	Coping Strategy Index (7 day recall period)	Curbing the adult's need to ensure food need of children	integer	HH
		110	HH interview (KoBoCollect)	Food Security	Coping Strategy Index (7 day recall period)	What was the main source of the food in the past 7 days? (do not read out list)	select_one food_source	HH
		111	HH interview (KoBoCollect)	Food Security	Coping Strategy Index (7 day recall period) - Other	If other, please describe	text	HH
		112	HH interview (KoBoCollect)	Food Security	Access to Public Distribution System (PDS), by time and amount	Did your household have access to PDS (public distribution assistance system) in the past 3 months?	select_one YNDD	HH
		113	HH interview (KoBoCollect)	Food Security	Access to Public Distribution System (PDS), by time and amount	How regularly do you receive PDS assistance?	select_one freq	HH
		114	HH interview (KoBoCollect)	Food Security	Access to Public Distribution System (PDS), by time and amount	What items were included in your most recent PDS distribution?	select_multiple pds_items	HH

		115	HH interview (KoBoCollect)	Food Security	Access to Public Distribution System (PDS), by time and amount	If other, please describe	text	HH
		116	HH interview (KoBoCollect)	Food Security	Household members with priority access to food	Among the members of the household who is currently prioritized to access to food?	select_multiple priority	HH
	What are the priority Livelihoods needs of the population residing in the target area and do they show any variation across population groups?	117	HH interview (KoBoCollect)	Livelihoods	Top income sources	What were your household's income sources over the last 30 days? (do not read out from list)	select_multiple livelihood_type	HH
		118	HH interview (KoBoCollect)	Livelihoods	Top income sources - Other	If other, specify please	text	HH
		119	HH interview (KoBoCollect)	Livelihoods	Household's total income in the past 30 days, by source	What was your household's total income in Iraqi Dinars over the last 30 days from the following sources:	integer	HH
		120	HH interview (KoBoCollect)	Livelihoods	Household's total income in the past 30 days, by source	Employment	integer	HH
		121	HH interview (KoBoCollect)	Livelihoods	Household's total income in the past 30 days, by source	Remittances	integer	HH
		122	HH interview (KoBoCollect)	Livelihoods	Household's total income in the past 30 days, by source	Borrowing money	integer	HH
		123	HH interview (KoBoCollect)	Livelihoods	Household's total income in the past 30 days, by source	Pension	integer	HH
		124	HH interview (KoBoCollect)	Livelihoods	Household's total income in the past 30 days, by source	Selling household assets	integer	HH
		125	HH interview (KoBoCollect)	Livelihoods	Household's total income in the past 30 days, by source	Multi-purpose cash assistance (MPCA)	integer	HH
		126	HH interview (KoBoCollect)	Livelihoods	Household's total income in the past 30 days, by source	In-kind support	integer	HH
		127	HH interview (KoBoCollect)	Livelihoods	Household's total income in the past 30 days, by source	MODM cash assistance	integer	HH
		128	HH interview (KoBoCollect)	Livelihoods	Household's total income in the past 30 days, by source	Social Protection Network (MOLSA)	integer	HH

		129	HH interview (KoBoCollect)	Livelihoods	Household's total income in the past 30 days, by source	Other safety nets	integer	HH
		130	HH interview (KoBoCollect)	Livelihoods	Household's total income in the past 30 days, by source	Other income source	integer	HH
		131	HH interview (KoBoCollect)	Livelihoods	Household's total expenditure in the past 30 days, by concept	In total, how much Iraqi Dinars did your household spend on basic needs over the last 30 days in IQD?	integer	HH
		132	HH interview (KoBoCollect)	Livelihoods	Household's total expenditure in the past 30 days, by concept	Rent	integer	HH
		133	HH interview (KoBoCollect)	Livelihoods	Household's total expenditure in the past 30 days, by concept	Shelter maintenance	integer	HH
		134	HH interview (KoBoCollect)	Livelihoods	Household's total expenditure in the past 30 days, by concept	Food	integer	HH
		135	HH interview (KoBoCollect)	Livelihoods	Household's total expenditure in the past 30 days, by concept	Electricity	integer	HH
		136	HH interview (KoBoCollect)	Livelihoods	Household's total expenditure in the past 30 days, by concept	Medical care (including medicines)	integer	HH
		137	HH interview (KoBoCollect)	Livelihoods	Household's total expenditure in the past 30 days, by concept	Education	integer	HH
		138	HH interview (KoBoCollect)	Livelihoods	Household's total expenditure in the past 30 days, by concept	Water	integer	HH
		139	HH interview (KoBoCollect)	Livelihoods	Household's total expenditure in the past 30 days, by concept	Non-Food (household) items	integer	HH

		140	HH interview (KoBoCollect)	Livelihoods	Household's total expenditure in the past 30 days, by concept	Transportaion	integer	HH
		141	HH interview (KoBoCollect)	Livelihoods	Household's total expenditure in the past 30 days, by concept	Communication	integer	HH
		142	HH interview (KoBoCollect)	Livelihoods	Household's total expenditure in the past 30 days, by concept	Debt payment	integer	HH
		143	HH interview (KoBoCollect)	Livelihoods	Household's total expenditure in the past 30 days, by concept	Productive assets	integer	HH
		144	HH interview (KoBoCollect)	Livelihoods	Household's total expenditure in the past 30 days, by concept	Other payment	integer	HH
		146	HH interview (KoBoCollect)	Livelihoods	% of households in debt, by amount	What is your household's total amount of debt, in IQD?	integer	HH
		147	HH interview (KoBoCollect)	Livelihoods	% of households in debt, by reason	What was the primary reason behind taking on debt?	select_one reasons_for_debt	HH
		148	HH interview (KoBoCollect)	Livelihoods	% of households in debt, by reason - Other	If other, specify please	text	HH
		149	HH interview (KoBoCollect)	Livelihoods	Debt owed to whom	Who did you borrow money from? (select all that apply)	select_multiple borrow_money	HH
		150	HH interview (KoBoCollect)	Livelihoods	Debt owed to whom - Other	if other, please describe	text	HH
		151	HH interview (KoBoCollect)	Livelihoods	% of households using livelihood coping strategies in the last 30 days, by type of coping strategy (stress, crisis, or emergency)	Has the household engaged in any of the following other activities to support themselves in the last 30 days? (please pick only 3)	select_multiple type_coping	HH

		152	HH interview (KoBoCollect)	Livelihoods	% of households using livelihood coping strategies in the last 30 days, by type of coping strategy (stress, crisis, or emergency) - Other	if other, please specify	text	HH
		153	HH interview (KoBoCollect)	Livelihoods	% of household that report the price of basic needs has risen in the last 3 months	Over the last 3 months do you feel the cost of basic needs such as shelter, health, and food has gone up?	select_one cost	HH
	What are the priority Protection needs of the population residing in the target area and do they show any variation across population groups?	154	HH interview (KoBoCollect)	Social Cohesion	% of households with access to community leader	Do any members of your household have regular access to your local community leader?	select_one Yes_No	HH
		155	HH interview (KoBoCollect)	Social Cohesion	level of community participation in policy making progress, at the local level	Do you feel that you are currently able to play a role in policy making in your area?	select_one YNDD	HH
		156	HH interview (KoBoCollect)	Protection	% of population groups reporting stigmatization or discrimination in the current location	Have members of your household faced an stigmatization or discrimination whilst living in the current location?	select_one YNDD	HH
		157	HH interview (KoBoCollect)	Protection	% of households reporting restrictions on freedom of movement by type of restriction	Do you currently feel safe from harm and violence where you live right now?	select_one Yes_No	HH
		158	HH interview (KoBoCollect)	Protection	Level of community reliance on the official institutions to provide protection, safety, and justice	Since September 2017, have you utilised the services of official Government institutions providing safety, protection, and justice?	select_one Yes_No	HH
		159	HH interview (KoBoCollect)	HLP	Disputes over land and property since November 2017	Have you lost or had stolen any land or property since November 2017?	select_one Yes_No	HH

		160	HH interview (KoBoCollect)	HLP	% of IDPs/returnees with lost HLP who have had their claims resolved, or secured HLP	Have you managed to legally recover any land or property that is yours and that was either secondarily occupied or even sold to others whilst you were displaced?	select_one Yes_No	HH
		161	HH interview (KoBoCollect)	HLP	% of IDPs/Returnees that have filed compensation and/or restitution claims - by outcome	Have you filed a compensation or restitution claim for damages to your land, property, or possessions?	select_one Yes_No	HH
		162	HH interview (KoBoCollect)	HLP	% of IDPs/Returnees that have filed compensation and/or restitution claims - by outcome	What was the outcome?	select_one outcomes	HH
		163	HH interview (KoBoCollect)	HLP	% of IDPs/Returnees that have filed compensation and/or restitution claims - by outcome - Other	If other please specify	text	HH
		164	HH interview (KoBoCollect)	HLP		Since lodging a legal claims to your land, house, or property, has this claim been resolved or secured?	select_one Yes_No	HH
		165	HH interview (KoBoCollect)	HLP		Has your household been involved in any civil disputes since November 2017?	select_one Yes_No	HH
		166	HH interview (KoBoCollect)	HLP		What were they concerning?	select_multiple dispute	HH
		167	HH interview (KoBoCollect)	HLP		If other please specify	text	HH
		168	HH interview (KoBoCollect)	ERW / UXO	% of household cleared of ERW and UXOs	Has your current shelter been cleared of ERW and UXO?	select_one Yes_No	HH
	What are the priority Shelter needs of the population residing in the	169	HH interview (KoBoCollect)	Shelter	type of shelter	What is your current shelter type?	select_one shelter_type	HH
		170	HH interview (KoBoCollect)	Shelter	type of shelter - other	If other, please describe	text	HH
		171	HH interview (KoBoCollect)	Shelter	% of household with shelter damage, by type	Is your current living space damaged?	select_one Yes_No	HH

	target area and do they show any variation across population groups?	172	HH interview (KoBoCollect)	Shelter	type of accommodation arrangement	What is your current accommodation arrangement?	select_one shelter_occupation	HH
		173	HH interview (KoBoCollect)	Shelter	type of accommodation arrangement - other	If other please specify	text	HH
		174	HH interview (KoBoCollect)	Shelter	% of household in possession of rental contract	If renting, do you have a written rental contract?	select_one Yes_No	HH
		175	HH interview (KoBoCollect)	Shelter	% of households threatened with eviction from current shelter	Do you fear your household may be evicted from this living space or have you been threatened with eviction in the last 90 days?	select_one Yes_No	HH
		176	HH interview (KoBoCollect)	Shelter	crowding index - shelter size in m2	In square meters, what is the size of the living space available to your household within this shelter?	integer	HH
		177	HH interview (KoBoCollect)	Shelter	# of rooms in use	How many rooms are currently used by the household for sleeping or recreation?	integer	HH
		What are the priority movement intentions of the population residing in the target area and do they show any variation across population groups?	178	HH interview (KoBoCollect)	Movement intentions	% of returnee HHs that intend to remain in their current location for the next three months	Does your HH have any intention to move in the next 3 months?	select_one Yes_No
	179		HH interview (KoBoCollect)	Movement intentions	Areas of displacement	If so, where?	select_one destination	HH
	180		HH interview (KoBoCollect)	Movement intentions	Areas of displacement - Other	If other, please specify	text	HH
	181		HH interview (KoBoCollect)	Movement intentions	Governorate of displacement	Which governorate do you plan to move to?	select_one Governorate_ABA	HH
	182		HH interview (KoBoCollect)	Movement intentions	District of displacement	Which district do you plan to move to?	select_one District_ABA	HH
	183		HH interview (KoBoCollect)	Movement intentions	Reasons for displacement (top 3)	If your are intending to move in the next 3 months, what is the main reason?	select_one why_not_stay	HH
	184		HH interview (KoBoCollect)	Movement intentions	Reasons for displacement (top 3) - Other	If other, please specify	text	HH

Area Based Assessment, August 2017

What are the priority electricity needs of the population residing in the target area and do they show any variation across population groups?	185	HH interview (KoBoCollect)	Electricity	Average of hours of electricity available per day	On average, including both the public grid and generators, how many hours of electricity do you currently have in your house per day?	select_one electricity	HH	
	186	HH interview (KoBoCollect)	Assistance	Assistance received (top 3)	What assistance has been received by your household in the last 6 months?	select_multiple assistance	HH	
	187	HH interview (KoBoCollect)	Assistance	Assistance received (top 3) - Other	If another assistance, what was it?	text	HH	
	188	HH interview (KoBoCollect)	Assistance	Assistance providers	Who provided this assistance?	select_multiple provider	HH	
	189	HH interview (KoBoCollect)	Assistance	Assistance providers - other	If other, please specify	text	HH	
	190	HH interview (KoBoCollect)	Assistance	Assistance received (top 3) - Other	If other, please describe	text	HH	
	191	HH interview (KoBoCollect)	Assistance	Difficulties in receiving assistance (top 3)	Have households in this area faced any of the following difficulties in receiving assistance?	select_multiple difficulties	HH	
	192	HH interview (KoBoCollect)	Assistance	# of vocational training courses conducted in the area	Have any vocational training courses been conducted in this area?	select_one Yes_No	HH	
	193	HH interview (KoBoCollect)	Assistance	# of vocational training courses conducted in the area	How many vocational training courses have been conducted in this area?	integer	HH	
	194	HH interview (KoBoCollect)	Assistance	Topics covered	What topics have been covered?	select_multiple topic	HH	
	195	HH interview (KoBoCollect)	Assistance	Top priority needs (3)	What are your top three priority needs?	select_multiple needs	HH	
	196	HH interview (KoBoCollect)	Assistance	Top priority needs (3) - Other	If other please specify	text	HH	
N/A	N/A	197	HH interview (KoBoCollect)	Contact	N/A	Are you prepared to provide your details so that we can contact you by telephone to take part in other future assessments about this area?	select_one Yes_No	HH

		198	HH interview (KoBoCollect)	Contact	N/A	Full name	text	HH
		199	HH interview (KoBoCollect)	Contact	N/A	Telephone number	text	HH