

# Research Terms of Reference

Integrated IM Support to WASH cluster for evidence-based coordination

IRQ1907

Iraq

August 2019

Version 1

**REACH** Informing  
more effective  
humanitarian action

## 1. Executive Summary

<b>Country of intervention</b>	Iraq		
<b>Type of Emergency</b>	<input type="checkbox"/>	Natural disaster	<input checked="" type="checkbox"/> Conflict
<b>Type of Crisis</b>	<input type="checkbox"/>	Sudden onset	<input type="checkbox"/> Slow onset <input checked="" type="checkbox"/> Protracted
<b>Mandating Body/ Agency</b>	OFDA		
<b>Project Code</b>	10iAHG		
<b>Overall Research Timeframe</b> (from research design to final outputs / M&E)	01/07/2019 to 31/06/2020		
<b>Research Timeframe</b> Add planned deadlines (for first cycle if more than 1)	1. Start collect data: 01/09/2019		5. Preliminary presentation: 09/11/2019
	2. Data collected: 30/10/2019		6. Outputs sent for validation: 01/12/2019
	3. Data analysed: 07/11/2019		7. Outputs published: 15/12/2019
	4. Data sent for validation: 31/10/2019		8. Final presentation: 18/11/2019
<b>Number of assessments</b>	<input type="checkbox"/>	Single assessment (one cycle)	
	<input checked="" type="checkbox"/>	Multi assessment (more than one cycle) <i>Two rounds, the second round to be conducted in January 2020</i>	
<b>Humanitarian milestones</b> Specify <b>what</b> will the assessment inform and <b>when</b> e.g. The shelter cluster will use this data to draft its Revised Flash Appeal;	<b>Milestone</b>		<b>Deadline</b>
	<input type="checkbox"/>	Donor plan/strategy	--/~/----
	<input type="checkbox"/>	Inter-cluster plan/strategy	--/~/----
	<input checked="" type="checkbox"/>	Cluster plan/strategy	25/11/2019 The WASH Cluster will use this data to inform the HPC, specifically the WASH Cluster Strategy planning for late 2019 and 2020.
	<input type="checkbox"/>	NGO platform plan/strategy	--/~/----
<input type="checkbox"/>	Other (Specify):	--/~/----	
<b>Audience Type &amp; Dissemination</b> Specify <b>who</b> will the assessment inform and <b>how</b> you will disseminate to inform the audience	<b>Audience type</b>		<b>Dissemination</b>
	<input checked="" type="checkbox"/> Strategic	<input checked="" type="checkbox"/> Programmatic	<input checked="" type="checkbox"/> General Product Mailing (e.g. mail to NGO consortium; ICCG and AWG participants; Donors)
<input checked="" type="checkbox"/> Operational	<input type="checkbox"/> [Other, Specify]	<input checked="" type="checkbox"/> Cluster Mailing (WASH and AWG mailing lists)	<input checked="" type="checkbox"/> Presentation of findings (e.g. at ICCG meeting; Cluster meeting and AWG meeting)
		<input checked="" type="checkbox"/> Website Dissemination (Relief Web & REACH Resource Centre)	

		<input type="checkbox"/> [Other, Specify]
<b>Detailed dissemination plan required</b>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<b>General Objective</b>	To provide the WASH Cluster with a detailed evidence-base on needs, access and functionality of WASH services and infrastructure (including schools and health facilities), focusing on community inclusion, dignity, and relevant GBV components. This study will provide such data on conflict affected populations in- and out-of-camps, as well as inform sustainable and preparedness-based programming by the WASH Cluster, nationwide.	
<b>Specific Objective(s)</b>	<ol style="list-style-type: none"> <li>1. To determine the WASH related needs of the in-camp population, as well as the current availability, functionality, and access barriers of WASH services and infrastructure in camps.</li> <li>2. To determine the WASH related needs of the out-of-camp population, as well as the current availability, functionality, and access barriers of WASH services and infrastructure out-of-camps.</li> <li>3. To provide the WASH cluster with detailed information on water surface areas in order to allow for long-term coordination and strategic planning, with regards to emergency risk response and areas vulnerable to water shortages and flooding.</li> </ol>	
<b>Research Questions</b>	<ol style="list-style-type: none"> <li>1. To what extent are the WASH infrastructure and facilities <b>in camps</b> across Iraq adhering to the minimum WASH Cluster standards and meeting the needs of the population? <ul style="list-style-type: none"> <li>○ To what extent is the WASH response in camps across Iraq adhering to the minimum WASH cluster standards and meeting the needs of the population on water quality and quantity?</li> <li>○ To what extent is the WASH response in camps across Iraq adhering to the minimum WASH Cluster standards and meeting the needs of the population on sanitation?</li> <li>○ To what extent is the WASH response in camps across Iraq adhering to the minimum WASH Cluster standards and meeting the needs of the population on hygiene?</li> <li>○ To what extent is the current WASH response in camps addressing the privacy and safety concerns (GBV) of the population, especially for women and children?</li> <li>○ To what extent are the WASH infrastructure and facilities in schools in camps across Iraq adhering to the minimum WASH Cluster standards and meeting the needs of the population?</li> <li>○ To what extent are the WASH infrastructure and facilities in health centres in camps across Iraq adhering to the minimum WASH Cluster standards and meeting the needs of the population?</li> <li>○ If needs are not addressed, what are the coping mechanisms employed?</li> <li>○ What is the level of functionality and what are the main reasons for non-functionality of WASH infrastructure in IDP camps across Iraq? (Direct observation)</li> </ul> </li> <li>2. To what extent are the WASH infrastructure and facilities <b>in out-of-camp</b> locations across Iraq adhering to minimum WASH Cluster standards and meeting the needs of the population?</li> </ol>	

	<ul style="list-style-type: none"> <li>○ To what extent are the WASH infrastructure and facilities in out-of-camp locations across Iraq adhering to the minimum WASH Cluster standards and meeting the needs of the population on water quality and quantity?</li> <li>○ To what extent are the WASH infrastructure and facilities in out-of-camp locations across Iraq adhering to the minimum WASH Cluster standards and meeting the needs of the population on sanitation?</li> <li>○ To what extent are the WASH infrastructure and facilities in out-of-camp locations across Iraq adhering to the minimum WASH Cluster standards and meeting the needs of the population on hygiene?</li> <li>○ To what extent are the WASH infrastructure and facilities in schools across Iraq adhering to the minimum WASH Cluster standards and meeting the needs of the population?</li> <li>○ To what extent are the WASH infrastructure and facilities in health centres across Iraq adhering to the minimum WASH Cluster standards and meeting the needs of the population?</li> <li>○ How do these findings differ for different population groups? (out-of-camp IDPs, returnees, host communities)</li> </ul> <p>3. If relevant, why does the WASH infrastructure and facilities not adhere to the minimum WASH Cluster standards or meet the needs of the out-of-camp population (in terms of water, sanitation, hygiene, and waste collection)?</p> <ul style="list-style-type: none"> <li>○ What is the current level of functionality of WASH systems out-of-camp across Iraq?</li> <li>○ What are the specific needs to revive dysfunctional WASH systems?</li> <li>○ What is the timeframe of government-led rehabilitation of infrastructure within each district across Iraq?</li> </ul> <p>4. Which areas of Iraq have seen a decrease in surface water and/or an increase in frequency or intensity of droughts and floods, and what are their causes and consequences?<sup>1</sup></p> <ul style="list-style-type: none"> <li>○ Which areas of Iraq have declining water surface cover?</li> <li>○ Which areas of Iraq are vulnerable to flooding and/or droughts?</li> <li>○ What are the causes of declining water surface cover?</li> <li>○ What are the causes of an increase in floods and/or droughts?</li> <li>○ What are the consequences of declining water surface cover and/or an increase in droughts of floods?</li> </ul>
<b>Geographic Coverage</b>	Iraq - nationwide
<b>Secondary data sources</b>	<ul style="list-style-type: none"> <li>● Government and Departmental resources and public reports on WASH-related activities in- and out-of-camps.</li> <li>● Population tracking information, such as IOM's DTM IDP Returnee Master Lists, and CCCM Cluster population figures.</li> <li>● Nationwide assessments and response strategies, including the 2019 HRP, and recent REACH products such as Multi-Cluster Needs Assessment (MCNA) VI and Camp Profiles XI, as well as the planned MCNA VII.</li> <li>● Sectoral assessments, WASH-specific assessments conducted by the Cluster or implementing partners in Iraq.</li> </ul>

<sup>1</sup> NASA/USGS, Landsat series, different satellites - <https://landsat.gsfc.nasa.gov/>

<b>Population(s)</b> <i>Select all that apply</i>	<input checked="" 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		
	<input type="checkbox"/>	Refugees in host communities	<input type="checkbox"/>	Refugees [Other, Specify]		
	<input checked="" type="checkbox"/>	Host communities	<input checked="" type="checkbox"/>	Returnees		
<b>Stratification</b> <i>Select type(s) and enter number of strata</i>	<input checked="" type="checkbox"/>	Geographical #:65 districts Population size per strata is known? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/>	Group #: 4 population groups <sup>2</sup> Population size per strata is known? <input checked="" 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
<b>Data collection tool(s)</b>	<input checked="" type="checkbox"/>	Structured (Quantitative)	<input checked="" type="checkbox"/>	Semi-structured (Qualitative)		
	<b>Sampling method</b>		<b>Data collection method</b>			
<b>Structured data collection tool # 1</b> <i>In and out-of-camp HH survey</i>	<input type="checkbox"/> Purposive <input type="checkbox"/> Probability / Simple random <input type="checkbox"/> Probability / Stratified simple random <input type="checkbox"/> Probability / Cluster sampling <input checked="" type="checkbox"/> Probability / Stratified cluster sampling <input type="checkbox"/> [Other, Specify]		<input type="checkbox"/> Key informant interview (Target #):_____ <input type="checkbox"/> Group discussion (Target #):_____ <input checked="" type="checkbox"/> Household interview (Target #): 14,691 <input type="checkbox"/> Individual interview (Target #):_____ <input type="checkbox"/> Direct observations (Target #):_____ <input type="checkbox"/> [Other, Specify] (Target #):_____			
<b>Structured data collection tool # 2</b> <i>Camp level observations in all IDP camps.</i>	<input type="checkbox"/> Purposive <input type="checkbox"/> Probability / Simple random <input type="checkbox"/> Probability / Stratified simple random <input type="checkbox"/> Probability / Cluster sampling <input type="checkbox"/> Probability / Stratified cluster sampling <input checked="" type="checkbox"/> Census		<input type="checkbox"/> Key informant interview (Target #):_____ <input type="checkbox"/> Group discussion (Target #):_____ <input type="checkbox"/> Household interview (Target #):_____ <input type="checkbox"/> Individual interview (Target #):_____ <input checked="" type="checkbox"/> Direct observations (Target #): 52 IDP camps <sup>3</sup> <input type="checkbox"/> [Other, Specify] (Target #):_____			
<b>Semi-structured data collection tool (s) # 1</b> <i>Camp-level KI interviews</i>	<input checked="" type="checkbox"/> Purposive <input type="checkbox"/> Snowballing <input type="checkbox"/> [Other, Specify]		<input checked="" type="checkbox"/> Key informant interview (Target #): 217 <input type="checkbox"/> Individual interview (Target #):_____ <input type="checkbox"/> Focus group discussion (Target #):_____ <input type="checkbox"/> [Other, Specify] (Target #):_____			
<b>Semi-structured data collection tool (s) # 2</b> <i>District-level KI interviews</i>	<input checked="" type="checkbox"/> Purposive <input type="checkbox"/> Snowballing <input type="checkbox"/> [Other, Specify]		<input checked="" type="checkbox"/> Key informant interview (Target #): 282 <input type="checkbox"/> Individual interview (Target #):_____ <input type="checkbox"/> Focus group discussion (Target #):_____ <input type="checkbox"/> [Other, Specify] (Target #):_____			
<b>Target level of precision if probability sampling</b>	90% level of confidence		10+/- % margin of error			
<b>Data management platform(s)</b>	<input checked="" type="checkbox"/>	IMPACT	<input type="checkbox"/>	UNHCR		
	<input type="checkbox"/>	[Other, Specify]				
<b>Expected output type(s)</b>	<input type="checkbox"/>	Situation overview #: __	<input type="checkbox"/>	Report #: __	<input type="checkbox"/>	Profile #: __

<sup>2</sup> For the purposes of this assessment, IDPs in host communities and IDPs in informal sites will be considered as one population group.  
<sup>3</sup> The specific number of (sub-)camps and type of observations are flexible and will be coherent alongside the WASH cluster discourse.

	X	Presentation (Preliminary findings) #: 1 per round	<input type="checkbox"/>	Presentation (Final) #: __	X	Factsheet #: 4 (3 in first round, 1 in the second round)
	X	Interactive dashboard #:1	<input type="checkbox"/>	Webmap #: __	X	Map #: TBC
	X	Summary of Findings #: 1 per round				
<b>Access</b>	X	Public (available on REACH resource center and other humanitarian platforms)				
	<input type="checkbox"/>	Restricted (bilateral dissemination only upon agreed dissemination list, no publication on REACH or other platforms)				
<b>Visibility</b> <i>Specify which logos should be on outputs</i>	<b>REACH</b>					
	<b>Donor:</b> OFDA					
	<b>Coordination Framework:</b> WASH Cluster Logo					
	<b>Partners:</b> all data collection partners logos					

## 2. Rationale

Although military operations against ISIL have been concluded and Iraq has entered a post-conflict recovery phase, in 2020 the country will continue facing challenges of addressing both the short and long-term consequences of mass population displacements, including restoring access to essential services and addressing basic needs in vast areas of territory. The HNO 2019 estimates that 2.3 million people across Iraq will remain in critical need of sustained, equitable access to safe and appropriate WASH services. As outlined in the HNO, around 500,000 people continue to require some level of specialized WASH support in camps, especially since sanitation coverage is still below minimum standards. For instance, in many camps more than 20 people share one latrine and about 230,000 IDPs are receiving less than 35 litres of water per day.

Especially within camps there is a critical need to identify WASH needs and gaps to allow the cluster to improve the quality of services and ensure compliance with Cluster standards. Currently, there is no alternate source of such data beyond the ongoing Camp Profiling exercise supporting the CCCM, which does not provide the Cluster with the depth of data required to understand the situation and build a camp-based response. By conducting a WASH-dedicated assessment, focused on camps and triangulated with out-of-camp findings, the WASH Cluster would be provided with a baseline to determine the precise status of WASH services, flag critical needs and gaps. In addition, this will provide the Cluster with an advocacy tool to discuss with partners and donors.

Beyond necessary interventions in camps, another challenge will be to improve nationwide coverage of WASH support for the remaining displaced and vulnerable individuals in out-of-camp locations across the country, including out-of-camp IDPs, returnees, and host communities. Precisely, in addition to addressing immediate gaps to ensure all those affected by displacement have access to WASH minimum standards, the challenge will be to ensure the rehabilitation of WASH infrastructure and to support the shift from emergency to recovery, while still taking into account possible major movements of populations due to camp closures and consolidations.

Meanwhile, longer term challenges such as water shortages and flooding have raised a new set of cross-sectoral issues with implications for WASH interventions. In particular, water scarcity and rising salinity are increasingly understood to pose threats to human security and state stability in Iraq moving into 2020. Water shortages have been tied to major public health risks (HRP 2019) and may have a negative impact on sustainable livelihoods, agricultural lands, social tensions, and future displacement patterns. However, little data is available regarding the scope and scale of related needs in areas most affected by the crisis, nor is there a sufficient evidence base to support interventions seeking to mitigate the impact of such challenges. Moreover, limited research has been conducted within the Iraqi context to understand the impact of the water crisis and the potential that these risk factors have to compound the existing situation of fragility, following years of conflict and protracted displacement.

In short, the current water crisis coupled with risk of further cholera epidemics is further exacerbating the situation for the population who remain in need of critical WASH services. To mitigate further outbreaks of waterborne diseases and facilitate related response actions in IDP camps, host communities and other out-of-camp areas, evidence-based information is crucial to strengthen internal coordination of the WASH cluster and between the WASH cluster and other humanitarian actors and coordination bodies, such as the Health and CCCM clusters, as well as local government directorates.

To support the Humanitarian Program Cycle (HPC), REACH in coordination with the Assessment Working Group (AWG), implements the Multi-Cluster Needs Assessment, with a planned seventh round to take place in 2019, to inform the Humanitarian Needs Overview (HNO) and Humanitarian Response Planning (HRP) for 2020. Whilst this will provide nationwide data on key multi- and cross-sectoral findings, including WASH related indicators, the WASH cluster has identified key information gaps requiring more in-depth, sector-specific research to inform the humanitarian response for the coming year. Regarding these information gaps, the WASH Cluster has been reliant upon last years' MCNA as its primary source of evidence to inform programming. The Cluster has noted that the depth and breadth of indicators included in this inter-sectoral assessment provide only the basis for overarching programming and thus do not provide operational data. Last years' MCNA data does not provide sufficient information to establish a strong WASH baseline and inform clusters decisions and guide cluster partners to the most severe WASH needs across Iraq. Subsequently, there is no existing mechanism to have updated information on key WASH needs and gaps in camps in Iraq. Furthermore, the Cluster has faced challenges in developing a conclusive outline of WASH infrastructure throughout the country, inclusive of water supply systems, water treatment plants and compact units. Even prior to the humanitarian crises of the past few years, the Government of Iraq (GoI) and humanitarian actors have had very little data on the WASH conditions throughout the country, thus hindering the accuracy of response.

In light of this, REACH proposes to address key information gaps identified by the WASH cluster for evidence-based coordination in the short and longer term: providing a clear picture of immediate gaps and needs to ensure all populations affected by displacement (in and out of camps) have access to minimum WASH standards, as well as identifying the mid to long term needs concerning vulnerability and risk of future water crises. By providing the cluster with an in-depth, granular analysis at camp level, as well as a deeper understanding of out-of-camp populations, REACH aims to support operational interventions and feed into strategic programming of the WASH Cluster in one of its objectives for 2019 - promote sustainable and cost-effective water and sanitation services including community focused hygiene promotion in camp locations. Data on this topic will be gathered at both the household and the key informant level, and will address how these programs affect different demographics both within the household and at a broader, community level. In tandem, this assessment will support the cluster in the fulfilment of its HRP 2019 strategic objective to implement strong evidence-based programming through coordinated and collaborative assessments.

### 3. Methodology

#### 2.1. Methodology overview

The following data collection methodologies will be applied:

1. Data relating to household needs, as well as knowledge, attitudes, and practices relating to WASH, will be collected through statistically representative household-level surveys, administered in fully accessible districts throughout the country. Sampling will be conducted to achieve findings to be statistically representative with a minimum of a 90% confidence level and 10% margin of error for each of the assessed population groups at the district level for out-of-camp settings and at camp-level within formal camps.
2. Data relating to services and infrastructure will be collected through key informant (KI) interviews across all formal camps and among WASH professionals at district-level to capture out-of-camp perspectives. KIs will be selected based on their knowledge of infrastructure and services availability and functionality, including community leaders, members of infrastructure management committees and actors implementing WASH activities.

3. Assess level of functionality of WASH infrastructures (WTPs, Compact Units, or Water Supply Systems) throughout the country, depending on information provided by the WASH Cluster and Directory of Water (DoW), and number of engineers provided by WASH Cluster partners. Engineers will be asked to determine why the infrastructures are not (properly) functioning.
4. In parallel, REACH will conduct comprehensive water surface mapping facilitated through remote sensing and longitudinal comparison of areal mapping, to identify areas affected by water scarcity,

In collaboration with the WASH cluster and implementing partners, a joint set of indicators and questionnaire will be agreed upon and administered by trained enumerators in the field. Partner organizations as well as REACH will be engaged in data collection, particularly in areas where REACH has no access, and joint analyses.

## **2.2. Population of interest**

### **2.2.1. Geographical area assessed**

The geographic scope of household needs assessment and service and infrastructure assessment through KIIs will be nation-wide, encompassing all relevant prioritized districts with out-of-camp IDPs and/or returnee populations, as well as IDP populations in formal camps. This entails 65 districts across 17 governorates, as well as an estimated 52 camp locations. The exact number of camps to be assessed will be determined as close as possible to the start of data collection, on the basis of CCCM Cluster information on active camps and foreseen camp closures and consolidations.

The geographic scope of the comprehensive water surface mapping will be nation-wide, with some location prioritisation throughout the analysis.

### **2.2.2. Population assessed**

The assessment aims to determine the severity of needs among all conflict-affected population groups within Iraq, in line with definitions and groups included in the planned MCNA VII, to ensure complementarity of data between the two household-level datasets. Specifically, this includes out-of-camp IDPs, returnees, and members of host communities. This stratification by population group in out-of-camp data collection is used in the assessment to ensure that needs of different vulnerable groups are captured, as average governorate-level population findings may misrepresent specific targeted needs. Inclusion of different population groups allows for the comparison of needs across districts and affected populations.

By providing key sectoral information related to the Humanitarian Needs Overview (HNO) and how it differs across prioritised districts and population groups, the assessment will allow for further evidence-based prioritization throughout the Humanitarian Program Cycle (HPC).

### **2.2.3. Unit of measurement**

- Household level surveys in-camp and out-of-camp, with household as unit of measurement
- Key informant interviews in-camp with camps as unit of measurement
- Key informant interviews out-of-camp with district as unit of measurement

## **2.3. Secondary data review**

Secondary data sources will include:

- Government and Departmental resources and public reports on WASH-related activities in- and out-of-camps.
- Population tracking information, such as IOM's DTM IDP Returnee Master Lists, and CCCM Cluster population figures.

- Nationwide assessments and response strategies, including the 2019 HNO/HRP, and recent REACH products such as Multi-Cluster Needs Assessment (MCNA) VI and Camp Profiles XI, as well as the planned MCNA VII.
- Sectoral assessments, WASH-specific assessments conducted by the Cluster or implementing partners in Iraq.

## 2.4. Primary Data Collection

### 2.4.1. Household needs assessment

REACH proposes a nationwide, household-level assessment to capture granular WASH indicators which could not be incorporated into the broader MCNA. Given the WASH Cluster's need for greater in-depth knowledge of key needs and perceptions of WASH services in-camp compared to out-of-camp settings, the proposed household-level assessment is two-fold.

1. **Household data collection in out-of-camp settings:** A questionnaire will be developed in close coordination with the WASH Cluster which will identify key needs, coping strategies and access constraints to WASH services and facilities. This tool will be asked to relevant IDPs, returnees and host households nationwide. This data collection includes the following groups:
  - **Internally Displaced Persons:** Out of camp: all relevant prioritized districts where more than 200 IDP households are present, including informal settlements (as per DTM data from June 2019).<sup>4</sup>
  - **Returnees:** all relevant prioritized districts where more than 200 returnee households are present (as per DTM data from June 2019).<sup>5</sup>
  - **Host communities:** in the three districts most populated by IDPs, the three districts least populated by IDPs, and three districts with medium-size IDP caseloads (based on DTM data from June 2019).<sup>6</sup>
2. **Household data collection among IDPs in-camp settings:** an independent questionnaire on camp-specific needs and the quality and provision of WASH services will be developed and collected in tandem with the out-of-camp assessment data collection. This data collection will cover:
  - **Internally Displaced Persons in formal camps:** covering all 52 camp locations, as agreed upon with the Camp Coordination and Camp Management (CCCM) Cluster.

### Sampling Strategy

Surveys will be conducted at the household level with the head of household or next available adult present in the household. Households will be randomly sampled for findings to be representative with a 90% level of confidence and 10% margin of error, at district level for out-of-camp settings, and at camp level in-camp. The following specifies the sampling methods intended for the two surveys:

**IDPs out-of-camp, returnees, and host communities:** 90/10 representativeness at the district level, based on household population figures provided by IOM DTM and OCHA. Due to the scale and geographic coverage of the target population, and in order to minimise cost, a multi-stage cluster sampling approach will be employed in all accessible prioritized districts where each of the population groups are present:

- Each population group will be stratified by district, within which population locations, or 'clusters', will be identified and randomly selected, with probability proportional to size (based on recorded number in the relevant sampling frames). Each cluster will have a minimum target sample size of 6 households.
- The GIS team will refine all three sampling frames in advance to ensure that locations fall within OCHA-defined geographic boundaries for districts and governorates, and to remove any points that clearly fall in uninhabited areas (military bases, airports, etc.).

<sup>4</sup> As per DTM data from 30 April 2019, a minimum of 200 IDP households are expected to be present in 59 districts in 17 governorates

<sup>5</sup> As per DTM data from 30 April 2019, returnees are expected to be present in 35 districts in 9 governorates

<sup>6</sup> The idea is to identify whether different IDP caseloads may have different effects on host community needs. For this, the three districts with the highest number of IDP households are compared to those with average numbers of IDP households, and those with lowest numbers of IDP households – the latter serving as a "control group".

- Within each cluster, households will be selected for interview through a simple random sampling method. A set of random geo-points will be generated and a map will be provided to enumerators through the maps.me app. The eligible household nearest to each point will be interviewed. A large buffer of geo-points will be drawn per location. In the event that the household does not have an adult willing to participate in the survey, the nearest household in the same target population group will be approached for the survey (if in the same city block or apartment building), within a radius of 500 meters. If no other eligible household is present at the same point, the enumerator will continue to the next randomly assigned geo-point.

**IDPs residing in-camps<sup>7</sup>:** 90/10 at sub-camp level (roughly 70 households per camp), based on household population figures provided by CCCM Cluster operational partners. Wherever possible, anonymized camp household rosters provided by camp managers will be used as the basis for a simple random sampling within the camp. Including sub-camps, REACH will collect representative data in an estimated 52 camp locations, with the exact number of locations to be determined with the latest CCCM information on active camps.

The following table outlines the estimated sample size for each population group, included in the two household-level data collection components of the assessment, following the sampling methodology outlined above.

**Table 1: Estimated sample size needed to achieve 90/10 representativeness of population or interest, stratified by population group and district**

Governorate	District	Out-of-Camp Target Sample (Households)			In-Camp	Total
		IDP	Returnees	Host		
Anbar	Al-Falluja	118	115		96	329
Anbar	Al-Kaim*		108			108
Anbar	Al-Ramadi	73	111		72	256
Anbar	Al-Rutba*		77			77
Anbar	Ana*		114			114
Anbar	Haditha*	104	129			233
Anbar	Heet*	127	110			237
Babylon	Al-Mussyab*	103	66			169
Babylon	Al-Hilla	92		68		160
Baghdad	Al-Adhamiya	107				107
Baghdad	Al-Kadhmiyah*	109	105	74		288
Baghdad	Al-Karkh	109		70		179
Baghdad	Al-Mada'in				40	40
Baghdad	Al-Risafa	97			50	147
Basrah	Al-Basrah*	89				89
Basrah	Al-Mahmoudiya*	123	115		33	271
Dahuk	Al-Amadiya*	95			72	167
Dahuk	Duhok	109			78	187
Dahuk	Sumail	130		118	79	327
Dahuk	Zakho*	113			79	192
Diyala	Al-Khalis	106	115			221

<sup>7</sup> A full methodology note for the camp portion of the assessment can be found at: [http://www.reachresourcecentre.info/system/files/resource-documents/REACH\\_IRQ\\_ToR\\_camp\\_profile\\_X\\_July2018.pdf](http://www.reachresourcecentre.info/system/files/resource-documents/REACH_IRQ_ToR_camp_profile_X_July2018.pdf)

Diyala	Al-Muqdadiya		110			110
Diyala	Baquba	118			53	171
Diyala	Khanaqin	136	105		73	314
Diyala	Kifri	109				109
Erbil	Erbil	110		63	75	248
Erbil	Koysinjaq	134				134
Erbil	Makhmour*		124		76	200
Erbil	Rawanduz*	129				129
Erbil	Shaqlawaw	122				122
Kerbala	Al-Hindiya	141			49	190
Kerbala	Kerbela	103		71		174
Kirkuk	Al-Hawiga		115			115
Kirkuk	Daquq	74	118		70	262
Kirkuk	Dibis	62	72			134
Kirkuk	Kirkuk	119	129		75	323
Missan	Al-Kahla	109		64	70	243
Najaf	Al-Kufa	213				213
Najaf	Al-Najaf*	112				112
Ninewa	Al-Baaj*	55	233			288
Ninewa	Al-Hamdaniya*	72	110		79	261
Ninewa	Al-Hatra		141			141
Ninewa	Al-Mosul	110	111	118	79	418
Ninewa	Al-Shikhan	148	63		78	289
Ninewa	Aqra	159				159
Ninewa	Sinjar*	114	114			228
Ninewa	Telafar	113	109			222
Ninewa	Tilkaef*	142	109			251
Qadissiya	Al-Diwaniya	107				107
Salah Al-Din	Al-Daur*		79			79
Salah Al-Din	Al-Shirqat	98	114	69	65	346
Salah Al-Din	Balad*	109	142			251
Salah Al-Din	Baiji	64	111			175
Salah Al-Din	Samarra*	113	141			254
Salah Al-Din	Tikrit	113	109		75	297
Salah Al-Din	Tuz*	140	124			264
Sulaymaniyah	Al-Sulaymaniyah	111			76	187
Sulaymaniyah	Chamchamal	107				107
Sulaymaniyah	Derbendikhan	102				102
Sulaymaniyah	Dokan	102			32	134
Sulaymaniyah	Halabcha	101				101
Sulaymaniyah	Kalar	104				104
Sulaymaniyah	Rania	105				105
Thi-Qar	Al-Nasiriya	88				88

Wassit	Al-Kut	97				97
Wassit	Al-Suwaira	94				94
	<b>Total</b>	<b>6263</b>	<b>3748</b>	<b>715</b>	<b>1624</b>	<b>12350</b>

\* REACH likely cannot cover this district due to security or operational constraints.

REACH commits to all in- and out-of-camp data collection, based on the generated sample, in areas in which REACH has a presence and experience in data collection. Given the nationwide coverage, the Cluster requests HH data to be collected in some districts in which REACH cannot enter. This is approximately 20 out of the 65 districts expected for inclusion, pending final security review. As agreed with the WASH Cluster, data can only be collected in these locations through WASH Cluster partners, and the Cluster will provide support to REACH in contacting these partners. In districts with no REACH presence and no Cluster partners, it will not be possible to collect this data.

In addition to the above-stated districts already planned for inclusion in the assessment, REACH will continue discussions with the WASH Cluster to include further locations considered a priority by the Cluster. For further inclusion, the WASH Cluster will need to provide REACH with a sampling frame, inclusive of out-of-camp IDPs, returnees and host household figures, from which REACH can build a sample. Furthermore, inclusion of these additional locations will be subject to security clearance and potential partner data collection support.

## Research Design

All data collection tools will be designed in close collaboration with the WASH Cluster to ensure they meet the information needs. Complementary to the MCNA, and the remaining core indicators required by the cluster to inform the HNO, the additional WASH assessment will capture an in-depth understanding of the operational needs of affected communities. This will help the Cluster guide partners during intervention planning.

### 2.4.2. Key Informant (KI) interviews at camp and district level

To complement household-level data, information relating to services and infrastructure will be collected through key informant (KI) interviews. Within camps, KIs will be sought that are knowledgeable about their camp specifically, while at district-level WASH professionals and government workers will be sought, to comment on out-of-camp needs throughout their relevant communities. The purpose of these KI interviews will be to capture overarching needs across camps and districts, from an operational and implementation perspective.

KIs will be purposively sampled based on their knowledge of infrastructure, service availability and functionality. REACH will work with the WASH Cluster and partners to identify KIs that are professionals with the Directorate of Water, members of local government and municipal services management, as well as actors implementing WASH activities, at the district level. Within camps, KIs will consist of Camp Managers, community elders and WASH professionals, as available. Where possible, KIs will be selected based on the breadth of their area of knowledge.

Throughout KI identification, substantial efforts will be made to include female voices through the inclusion of female KIs. Female enumerators will be hired with the express purpose of seeking female KIs and the difference between available services for males and females will be captured in the tools. Moreover, efforts will be made to capture the voices of different population groups and minorities as appropriate for the community, with training provided to enumerators to consider this topic.

In order to provide additional granularity of detail in relation to public WASH services and infrastructure, KI interviews will be conducted in each camp, with at least three KIs included in each camp to capture a range of perspectives. To capture out-of-camp needs inclusive of operational gaps in existing WASH schemes, at least one KI for all 282 subdistricts will be sought, to provide the overarching needs and gaps faced by affected communities, outside camp settings.

Given the proposed purposive sampling plan, the below table briefly summarises expected KI interviews to be completed, with this summary provided at the district level:

Governorate	Districts	Camp-Level KIIs <sup>8</sup>	District KIs	Total KIs
Anbar	Ana		2	2
Anbar	Falluja	31	3	34
Anbar	Haditha		2	2
Anbar	Heet		4	4
Anbar	Ka'im		3	3
Anbar	Ramadi	21	3	24
Anbar	Rutba		3	3
Babylon	Hashimiya		3	3
Babylon	Hilla		3	3
Babylon	Mahawil		3	3
Babil	Musayab		2	2
Baghdad	Abu Ghraib	3	4	7
Baghdad	Adhamiya		3	3
Baghdad	Kadhmiyah		5	5
Baghdad	Karkh		3	3
Baghdad	Mada'in	3	3	6
Baghdad	Resafa	3	2	5
Baghdad	Thawra		2	2
Basrah	Abu Al-Khaseeb		2	2
Basrah	Basrah		2	2
Basrah	Fao		2	2
Basrah	Midaina		3	3
Basrah	Qurna		3	3
Basrah	Shatt Al-Arab		3	3
Basrah	Mahmoudiya	6	5	11
Dahuk	Amedi	3	4	7
Dahuk	Dahuk	9	3	12
Dahuk	Sumel	12	4	16
Dahuk	Zakho	12	3	15
Diyala	Baladruz		3	3
Diyala	Ba'quba	3	3	6
Diyala	Khalis		5	5
Diyala	Khanaqin	6	5	11
Diyala	Kifri		3	3
Diyala	Muqdadiya		2	2
Erbil	Erbil	6	2	8
Erbil	Koysinjaq		3	3
Erbil	Makhmour	3	4	7
Erbil	Rawanduz/Soran		7	7
Erbil	Shaqlawa		3	3
Kerbala	Ain Al-Tamur		2	2
Kerbala	Hindiya	3	2	5
Kerbala	Kerbala		2	2

<sup>8</sup> In each camp at least three key informant interviews will be conducted. When a camp consists of multiple sub-camps at least one key informant interview per sub-camp will be conducted.

Kirkuk	Daquq	3	3	6
Kirkuk	Dibis		2	2
Kirkuk	Hawiga		4	4
Kirkuk	Kirkuk	6	7	13
Missan	Ali Al-Gharbi		2	2
Missan	Amara		2	2
Missan	Kahla		3	3
Missan	Maimouna		2	2
Muthanna	Khidhir		2	2
Muthanna	Rumaita		5	5
Muthanna	Samawa		2	2
Najaf	Kufa		2	2
Najaf	Manathera		2	2
Najaf	Najaf		3	3
Ninewa	Akre		5	5
Ninewa	Ba'aj		2	2
Ninewa	Hamdaniya	18	2	20
Ninewa	Hatra		3	3
Ninewa	Mosul	27	4	31
Ninewa	Sheikhan	12	3	15
Ninewa	Sinjar		3	3
Ninewa	TAfar		4	4
Ninewa	Tilkaef		3	3
Qadissiya	Afaq		4	4
Qadissiya	Diwaniya		4	4
Qadissiya	Hamza		3	3
Qadissiya	Shamiya		2	2
Salah Al-Din	Bajji		3	3
Salah Al-Din	Balad		4	4
Salah Al-Din	Daur		2	2
Salah Al-Din	Samarra		4	4
Salah Al-Din	Shirgat	3	2	5
Salah Al-Din	Tikrit	9	2	11
Salah Al-Din	Tuz		3	3
Sulaymaniyah	Chamchamal		4	4
Sulaymaniyah	Darbandihkan		2	2
Sulaymaniyah	Dokan	3	2	5
Sulaymaniyah	Halabja		4	4
Sulaymaniyah	Kalar	6	3	9
Sulaymaniyah	Rania		3	3
Sulaymaniyah	Sulaymaniya	6	3	9
Thi-Qar	Chibayish		3	3
Thi-Qar	Nassriya		4	4
Thi-Qar	Suq Al-Shoyokh		4	4
Wassit	Al Hai		2	2
Wassit	Kut		3	3
Wassit	Al Namaniya		2	2
Wassit	Suwaira		5	5
Wassit	Badra		2	2
	<b>Total</b>	<b>217</b>	<b>282</b>	<b>499</b>

### 2.4.3. Observation of WASH infrastructure at the camp and district level.

#### Camp level observation

REACH will conduct camp-level observation and assessment of the functionality of available WASH infrastructure and services, primarily latrines, showers, water tanks, and other relevant infrastructure. The exact components to be assessed will be determined in collaboration with the WASH Cluster. Data collection will be based on enumerator observations within the camp. The goal of this research component is to determine the availability and functionality of essential services and capacities within the camps.

#### Out-of-camp mapping

Separately, a mapping exercise of water systems (Water Supply Systems, Compact Units and Water Treatment Plants) in 95 districts identified by the WASH Cluster will be conducted, including identifying:

1. Functionality and locations of the water supply system
2. Specific needs to revive dysfunctional systems
3. Identification of organisations that are currently working on WASH infrastructure within the district
4. Timeframe of infrastructure rehabilitations within the district

There are certain districts that REACH cannot enter and conduct the mapping exercise because of security and capacity reasons. As agreed with the WASH Cluster, mapping can only be conducted in these locations through WASH Cluster partners. The WASH Cluster will provide support to REACH in contacting these partners, while in districts with no REACH presence and no Cluster partners, it will not be possible to conduct the mapping exercise.

REACH will need information on the specific GPS points of the WASH infrastructure to be mapped and assessed, which the WASH Cluster will provide. In addition, REACH will need lists that indicate the level of functionality of water systems, as REACH will only assess the reasons for lack of functionality of systems that are not (fully) functioning according to the DoW. Without information on the location and functionality of the WASH infrastructure it will not be possible for REACH to conduct the out-of-camp mapping exercise.

One mapping exercise will take place for each district comprising the area of assessment and will be conducted by at least one enumerator through direct observation. Moreover, REACH will work with the Cluster to identify WASH professionals and engineers who can support as enumerators to increase the technical reliability of this mapping exercise. However, in the event that no or insufficient technical experts can be provided, alternatives will need to be discussed with the WASH Cluster. For example, to use non-technical enumerators, who will collect general information on the location and functionality of WASH infrastructure throughout the districts.

### 2.4.4. Monitoring assessment of in-camp situation, six months after baseline data collection

In order to develop an in-depth, longitudinal understanding of the WASH situation faced by IDPs in-camps, and to inform the 2020 planning of the WASH Cluster, a follow up, monitoring round of data collection is proposed.<sup>9</sup> This will be conducted six months after the initial data collection, starting early 2020, and will include repetition of in-camp WASH-dedicated household survey, in-camp KI interviews and WASH infrastructure observations across camps.

By conducting this follow up round early in the year, the WASH Cluster will, for the first time, be able to consider the effectiveness of ongoing camp-based programming by comparing renewed findings with baseline data. This process will also strengthen relations with the key informants, improving the reliability of findings, and will be timely to inform Cluster program revisions and inform the 2020 HRP.

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<sup>9</sup> Monitoring round only focusses on in-camp IDPs as the needs in camps can change quickly and require more specialised programming.

For comparability, the same tools will be used for this data collection as was used in previous rounds. Lessons learnt from the first round of data collection will be included in the second round, with potential for some, limited, revision to the tools to be included. All adaptations will be conducted in close collaboration with the Cluster to ensure information needs are met. This monitoring component will include additional outputs; namely new datasets, findings presentation, factsheets and executive summary. These findings-based outputs will include a comparison between data collection rounds, outlining how the situation has changed across geographical areas within the six months.

#### **2.4.5. Comprehensive water surface mapping to inform the WASH Cluster on needs for sustainable and preparedness-focused interventions**

Information on water surface areas will be necessary for long-term coordination and strategic planning, with regards to emergency risk response and areas vulnerable to water shortages and flooding. REACH will conduct a comprehensive scoping assessment to identify areas affected by water scarcity and, where possible, those prone to flooding. This will provide a much-needed understanding of the context in which the WASH cluster will plan interventions in the mid to longer term, by flagging areas which may require different approaches to addressing WASH gaps and needs, and understanding if the existing water infrastructure has the capacity to handle increases or decreases in water volume. Water shortages in 2018 were directly linked to severe water scarcity, contamination of remaining water sources, health outbreaks including water borne diseases, and displacement. Timely analysis of the situation will assist the cluster strengthen preparedness and develop suitable response strategy.

Surface water distribution changes over time and through mapping these patterns, insight can be derived into ecological structure and function, patterns of flooding, flood risk and also potential droughts, and the impacts of infrastructure and climate change on landscapes and hydrological systems. The assessment will seek to answer the following questions:

1. Which areas of Iraq have declining water surface cover?
2. To what extent is declining water surface cover in Iraq related to the amount of precipitation?
3. To what extent is declining water surface cover in Iraq related to a reduction in inflow of water through the main waterways?
4. Are certain areas identifiable to be prone to flooding?
  - a. If yes, which ones?
5. What is the impact of declining water surface cover on farming activities in Iraq?
6. What is the relation between IDP movements and areas with declining surface water?

The assessment will be facilitated through remote sensing and longitudinal comparison of areal mapping, focusing on 'catchment areas' where severe reductions in surface water intersect with densely populated urban areas, and farming or agricultural lands. This will be complemented with some KI and SME interviews to contextualise the information. In turn, the intersect with the rising salinity of the waterways in the south, as well as the drying of agricultural irrigation waterways will be explored in the context of how these issues compound the existing water crisis.

## **2.5. Data Processing & Analysis**

### **2.5.1. Household needs assessment**

All quantitative data will be cleaned daily during and after the data collection process. The REACH Assessment Officer will share any errors or inconsistencies with the REACH Field Coordinators, who will verify and resolve the issues with enumerators or respondents. The REACH Assessment Officer will conduct statistical analysis on the cleaned dataset from the household survey using relevant software for quantitative analysis such as SPSS and R. The analysis will follow a data analysis framework produced during the research design, in collaboration with the WASH Cluster, which will outline relevant indicators and designated hypothesis linked to the core research questions outlined in this ToR. It will follow any stated aggregation or disaggregation of findings, and weight data where applicable. The statistical analysis will be reviewed by the REACH HQ Data Unit before the findings and outputs are shared with the WASH Cluster.

### 2.5.2. Key Informant (KI) interviews at camp and district level

KI interviews will be conducted by one trained enumerator using a close-ended questionnaire translated into Arabic and will be administered through a KOBO tool. The camp KI interviews will be conducted in person at the moment that the household survey and mapping of WASH infrastructure are being conducted in that camp. District-level KI interviews will be conducted over the phone by one-trained enumerator also using a close-ended questionnaire translated Arabic and will be administered through a KOBO tool.

Qualitative analysis will be conducted in accordance with the data analysis framework produced during the research design phase, developed in collaboration with the WASH cluster, which will outline relevant indicators and tool questions linked to the core research questions outlined in this ToR. All data gathered will be triangulated with quantitative data from the household-level survey.

### 2.5.3. Observing of WASH infrastructure at the camp and district level

At the camp level, enumerators will input the data collected through observation into the same household level KOBO tool developed to capture the general WASH needs of households. Information on the functionality of the infrastructure will be collected. If possible, enumerators will take photos of frequently occurring problems faced with WASH services.

At the out-of-camp level, enumerators will use a questionnaire developed to obtain information on the functionality of WASH infrastructure, given the needed information on location and functionality was provided. After collection, the data on the location and functionality of WASH services and infrastructure will be digitized by the GIS team and used to create the relevant maps and dashboards.

### 2.5.4 Comprehensive water surface mapping

Data for the comprehensive water surface mapping will primarily be collected through the analysis of satellite imagery obtained from UNOSAT, LANDSAT, and other relevant sources. The collected data will be analysed through Earth Engine or ArcGIS Pro and digitized in the form of maps and, where relevant, dashboards.

Data on changes in surface water levels and their consequences will be collected from KIs and SMEs through open-ended questionnaires. After collection the qualitative data will be analysed in accordance with the data analysis plan and used to triangulate and complement data collected through remote sensing.

## 4. Roles and responsibilities

Table 3: Description of roles and responsibilities

<b>Task Description</b>	<b>Responsible</b>	<b>Accountable</b>	<b>Consulted</b>	<b>Informed</b>
<i>Research design</i>	Assessment Officer	Assessment Manager	WASH Cluster; REACH HQ	REACH Country Coordinator
<i>Supervising data collection</i>	Field Manager	Field Coordinator	Assessment Officer	REACH Country Coordinator, Assessment Manager, WASH Cluster
<i>Data processing (checking, cleaning)</i>	Assessment officer	Assessment Officer	Assessment Manager	REACH Country

				Coordinator, WASH Cluster
<i>Data analysis</i>	Assessment Officer	Assessment Officer	Assessment Manager; REACH HQ	REACH Country Coordinator, WASH Cluster
<i>Output production</i>	Assessment Officer	Assessment Officer	Assessment Manager; REACH HQ	REACH Country Coordinator; WASH Cluster
<i>Dissemination</i>	Assessment officer	Assessment Officer	Assessment Manager	REACH Country Coordinator; WASH Cluster
<i>Monitoring &amp; Evaluation</i>	Assessment Officer	Assessment Officer	Assessment Manager; REACH HQ	REACH Country Coordinator; OFDA
<i>Lessons learned</i>	Assessment Officer	Assessment Officer	Assessment Manager	REACH Country Coordinator

**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.

## 5. Data Analysis Plan

Research question	Subresearch question	Question level	Indicator / Variable	Questionnaire Question	Questionnaire Responses	Type	Data collection level
<b>IN CAMP</b>							
To what extent are the WASH infrastructure and facilities in camps across Iraq adhering to the minimum WASH Cluster standards and meeting the needs of the population	water quality and quantity	KI	% of KIs reporting drinking water from improved sources being available	What is the main source of water used by people in the camp for drinking?	1.Piped water into compound 2.Piped water connected to public tap 3.Borehole 4.Protected well 5.Protected rainwater tank 6.Protected spring 7.Bottled water 8.Water Trucking 9.Illegal connection to piped network 10.Unprotected rainwater tank 11.Unprotected well 12.Unprotected spring 13. Surface water without pre-treatment (river, dam, lake, pond, stream, canal) 14. Other 15. Don't know	Select one	In-camp KI
	water quality and quantity	KI		Aside from this main source, do people in the camp use other sources of water for drinking? If yes, which ones?	Improved: 1.Piped water into compound 2.Piped water connected to public tap 3.Borehole 4.Protected well 5.Protected rainwater tank 6.Protected spring 7.Bottled water  Unimproved: 8.Water Trucking 9.Illegal connection to piped network 10.Unprotected rainwater tank 11.Unprotected well 12.Unprotected spring 13. Surface water without pre-treatment (river, dam, lake, pond, stream, canal) 14. Other 15. Don't know	Select multiple	In-camp KI

	water quality and quantity	KI	% of KIs reporting that camp residents have access to water of a sufficient quality	Is the water clean enough to drink without treatment? (per source, loop)	1. Yes 2. No 3. Don't know	select one	In-camp KI
	water quality and quantity	KI		Who is treating the water before it reaches the water distribution point?	1. No one 2. The water is treated at a public WTP 3. The water arrives in the camp untreated but camp uses its own materials to treat the water 4. The water is treated in a public WTP but the camp still uses its own facilities to treat the water as WTP does not treat the water properly 5. Other, please specify 6. Don't know	Select one	In-camp KI
	water quality and quantity	KI		Why is the water of insufficient quality?	1. The WTP is damaged due to the conflict and cannot operate (at full capacity) 2. The WTP is lacking consumables (chlorine, aluminium sulphate) to clean the water 3. The intake water to the WTP is too dirty/salinated 4. The pipe network from the WTP to the camp has been damaged 5. The WTP is too old/poorly maintained to function properly 6. Other, please specify 7. Don't know 8. Refuse to answer	Select multiple	In-camp KI
	water quality and quantity	KI		What proportion of people in the camp use treatment methods before drinking the water?	1. Nobody (around 0%); 2. A few (<25%); 3. About half (26 - 50%); 4. Most (51 - 75%); 5. Everyone (>76%); 6. Don't know	Select one	In-camp KI
	water quality and quantity	KI		If relevant, why do households treat the water?	1. It is turbid (unclear with suspended particles) 2. It tastes unpleasant 3. It smells unpleasant 4. Dangerous to health (causes diseases such as diarrhea, etc.) 5. Don't know 6. Other, please describe	Select multiple	In-camp KI

water quality and quantity	KI		What are the main treatment methods used? (if not answered 'nobody')	<ol style="list-style-type: none"> <li>1. Let it stand and settle</li> <li>2. Boil it</li> <li>3. Expose it to sunlight</li> <li>4. Use disinfection products: <ol style="list-style-type: none"> <li>4.1. Aquatabs/water purification tablets</li> <li>4.2. Liquid chlorine</li> <li>4.3 Powder or granular chlorine</li> <li>4.4 PuR or Watermaker sachets</li> <li>4.5 Other (specify)</li> </ol> </li> <li>Filter it: <ol style="list-style-type: none"> <li>5. Biosand Filter</li> <li>6. Ceramic Pot Filter</li> <li>7. Candle Filter/Bucket Filter</li> <li>8. Other (specify)</li> <li>9. Don't know</li> </ol> </li> </ol>	Select one	In-camp KI
water quality and quantity	KI		Why are households not treating the water? (If selected 'no, not clean to drink without treatment' and not selected 'everyone')	<ol style="list-style-type: none"> <li>1. Cannot afford the treatment methods</li> <li>2. Do not realize the water is not clean for drinking</li> <li>3. Don't know how to properly clean the water</li> <li>4. Other, please specify</li> <li>5. Don't know</li> </ol>	Select multiple	In-camp KI
water quality and quantity	KI	% of KIs reporting that residents of the camps have access to a sufficient quantity of water	Do people in the camp have enough water to drink?	<ol style="list-style-type: none"> <li>1. Nobody (around 0%);</li> <li>2. A few (&lt;25%);</li> <li>3. About half (26 - 50%);</li> <li>4. Most (51 - 75%);</li> <li>5. Everyone (&gt;76%);</li> <li>6. Don't know</li> </ol>	Select one	In-camp KI
water quality and quantity	KI		How many litres of water are provided to the camp per day?	# number	Integer	In-camp KI
water quality and quantity	KI		Does this amount differ per season, if yes how?	No Yes <ol style="list-style-type: none"> <li>1. More water provided in summer</li> <li>2. More water provided in winter</li> <li>3. More water provided in autumn</li> <li>4. More water provided in spring</li> </ol>	Select multiple	In-camp KI
water quality and quantity	KI		How come the amount of water differs per season	<ol style="list-style-type: none"> <li>1. More water needed in hot months</li> <li>2. More water available in wet months</li> <li>3. Depending on electricity availability/capacity in these months</li> <li>4. Other, please specify</li> </ol>	Select multiple	In-camp KI
water quality and quantity	KI					

	water quality and quantity	KI		<p>Do people in the camp have problems related to access to water? If yes, which ones?</p>	<p>If yes, select multiple</p> <ol style="list-style-type: none"> <li>1. The main water source is only available a part of the day</li> <li>2. Waterpoints are too far</li> <li>3. Waterpoints are difficult to reach (especially for people with disabilities)</li> <li>4. Fetching water is a dangerous activity</li> <li>5. Some groups (children, women, elderly, ethnic minorities, etc.) do not have access to the waterpoints</li> <li>6. Insufficient number of water points / waiting time at water points</li> <li>7. Water points are not functioning or close</li> <li>8. Water is not available at the market</li> <li>9. Water is too expensive</li> <li>10. Not enough container to store the water</li> <li>11. Don't like taste / quality of water</li> <li>12. There are tribal/communal issues over access to certain water points</li> <li>13. Other (please list)</li> <li>14. Don't know</li> </ol>	Select multiple	In-camp KI
	water quality and quantity	KI		<p>(If applicable) what is the cause of the insufficient quantity of water?</p>	<ol style="list-style-type: none"> <li>1. Water availability depends on public grid electricity being available because there are not enough generators</li> <li>2. Drought during summer months causes water sources to reduce</li> <li>3. There are not enough water points near the camp</li> <li>4. Lack of water infrastructure, such as tanks, boreholes, and pipes</li> <li>5. The pipe network is old or damage causing leakages</li> <li>6. There is insufficient pressure to reach all households</li> <li>7. Certain groups do not have access to water</li> <li>8. Households face financial issues in accessing (clean) water</li> <li>9. The WTP is not working at full capacity (damage, lack of maintenance)</li> <li>10. Capacity of WTP is not sufficient to serve the whole camp (when working at intended capacity)</li> <li>9. Other, please specify</li> <li>10. Don't know</li> </ol>	Select multiple	In-camp KI

	water quality and quantity	KI	% of KIs reporting that women face additional barriers to accessing drinking water	Do women face any additional barriers in accessing clean drinking water?	<ol style="list-style-type: none"> <li>1. Women do not feel safe to fetch water by themselves at any time during the day or night</li> <li>2. Women do not feel safe to fetch water by themselves after dark</li> <li>3. It is not culturally appropriate for women to fetch water</li> <li>4. Women have less financial means to access clean water (including treatment methods)</li> <li>5. The distance to the water points is too far for women to carry the water</li> <li>6. Other, please specify</li> <li>7. Don't know</li> </ol>	Select multiple	In-camp KI
	water quality and quantity	HH	% HH whose main source of drinking water is an improved water source	What has been your household's primary source of drinking water over the past 30 days?	<p><b>Improved:</b></p> <ol style="list-style-type: none"> <li>1.Piped water into compound</li> <li>2.Piped water connected to public tap</li> <li>3.Borehole</li> <li>4.Protected well</li> <li>5.Protected rainwater tank</li> <li>6.Protected spring</li> <li>7.Bottled water</li> </ol> <p><b>Unimproved:</b></p> <ol style="list-style-type: none"> <li>8.Water Trucking</li> <li>9.Illegal connection to piped network</li> <li>10.Unprotected rainwater tank</li> <li>11.Unprotected well</li> <li>12.Unprotected spring</li> <li>13. Surface water without pre-treatment (river, dam, lake, pond, stream, canal)</li> <li>14. Other</li> </ol>	Select one	In-camp HH
	water quality and quantity	HH	% of HH reporting using a secondary improved water source	Aside from this main source, does your household use other sources of water for drinking? If yes, which ones?	<p><b>Improved:</b></p> <ol style="list-style-type: none"> <li>1.Piped water into compound</li> <li>2.Piped water connected to public tap</li> <li>3.Borehole</li> <li>4.Protected well</li> <li>5.Protected rainwater tank</li> <li>6.Protected spring</li> <li>7.Bottled water</li> </ol> <p><b>Unimproved:</b></p> <ol style="list-style-type: none"> <li>8.Water Trucking</li> <li>9.Illegal connection to piped network</li> <li>10.Unprotected rainwater tank</li> <li>11.Unprotected well</li> <li>12.Unprotected spring</li> <li>13. Surface water without pre-treatment (river, dam, lake, pond, stream, canal)</li> <li>14. Other</li> </ol>	Select one	In-camp HH

	water quality and quantity	HH	% of HH per type of water source used for non-drinking purposes	What has been your household's sources of water for cooking, washing and cleaning in the last 30 days?	<b>Improved:</b> 1.Piped water into compound 2.Piped water connected to public tap 3.Borehole 4.Protected well 5.Protected rainwater tank 6.Protected spring 7.Bottled water <b>Unimproved:</b> 8.Water Trucking 9.Illegal connection to piped network 10.Unprotected rainwater tank 11.Unprotected well 12.Unprotected spring 13. Surface water without pre-treatment (river, dam, lake, pond, stream, canal) 14. Other	Select multiple	In-camp HH
	water quality and quantity	HH	% HH with access to sufficient quantity of water for drinking and domestic purposes (% HH with less than 50 liters of water per person)	Does your household own either a private or shared water tank?	1. Yes. 2. No 3. Don't know	Select one	In-camp HH
	water quality and quantity	HH		Please can you show me where you store water? Evaluate the capacity of the containers.	Integer Don't know	Integer	In-camp HH
	water quality and quantity	HH		How many times do you re-fill your tanks each week?	Integer Don't know	Integer	In-camp HH
	water quality and quantity	HH		How many people share this water tank?	Integer Don't know	Integer	In-camp HH
	water quality and quantity	HH		Overall, has your households access to water been enough to meet or satisfy the basic needs of your household members in the last 30 days?	1. More than sufficient 2. Sufficient 3. Just enough/barely enough 4. Insufficient 5. Totally insufficient	Select one	In-camp HH

	water quality and quantity	HH		<p>Did your household have problems related to access to water in the last 30 days? If yes, which ones? (Ask only if the respondent answered "just enough/barely enough", "insufficient" or "totally insufficient" to the previous question)</p>	<input type="checkbox"/> Waterpoints are too far <input type="checkbox"/> Waterpoints are difficult to reach (especially for people with disabilities) <input type="checkbox"/> Fetching water is a dangerous activity <input type="checkbox"/> Some groups (children, women, elderly, ethnic minorities, etc.) do not have access to the waterpoints <input type="checkbox"/> Insufficient number of water points / waiting time at water points <input type="checkbox"/> Water points are not functioning or close <input type="checkbox"/> Water is not available at the market <input type="checkbox"/> Water is too expensive <input type="checkbox"/> Not enough container to store the water <input type="checkbox"/> Don't like taste / quality of water <input type="checkbox"/> Other (please list) <input type="checkbox"/> Don't know	Select multiple	In-camp HH
	water quality and quantity	HH	% of HHs having enough water for drinking, cooking, bathing, washing and other domestic purposes	In the last 30 days, did you and your household members have enough water to meet the following needs? (select all that apply)	1. Drinking 2. Cooking 3. Personal hygiene (washing or bathing) 4. Other domestic purposes (cleaning house, floor, etc.) 5. None of the previous 6. Don't know	Select multiple	In-camp HH
	Coping Mechanism/water quality and quantity	HH	% of HHs engaging in coping mechanisms for lack of access to water - by types of coping mechanism	In the last 7 days, have you or any of your family members had to use any of the following coping strategies to cope with a lack of water?	<input type="checkbox"/> Rely on less preferred (unimproved/untreated) water sources for drinking water; <input type="checkbox"/> Rely on surface water for drinking water; <input type="checkbox"/> Rely on less preferred (unimproved/untreated) water sources for other purposes such as cooking and washing; <input type="checkbox"/> Rely on surface water for other purposes such as cooking and washing; <input type="checkbox"/> Fetch water at a source further than the usual one; <input type="checkbox"/> Send children to fetch water; <input type="checkbox"/> Fetch water at a source that could be dangerous; <input type="checkbox"/> Spend money (or credit) on water that should otherwise be used for other purposes; <input type="checkbox"/> Reduce drinking water consumption (drink less); <input type="checkbox"/> Reduce water consumption for other purposes (bathe less, etc.); <input type="checkbox"/> Other (please list); <input type="checkbox"/> Don't know	Select multiple	In-camp HH

	water quality and quantity	HH		How long does it take to go to your main water point, fetch water, and return (at peak time)?	<ol style="list-style-type: none"> <li>1. Water on premises/ Not applicable</li> <li>2. Less than 5 min to fetch and return</li> <li>3. Between 5 and 15 min to fetch and return</li> <li>4. Between 16 and 30 min to fetch and return</li> <li>5. More than 30 min, up to 1 hour</li> <li>6. More than 1 hour, up to 2 hours</li> <li>7. More than 2 hours</li> <li>8. Do not know</li> </ol>	Select one	In-camp HH
	water quality and quantity	HH	% HH with access to water collection point ≤ 500m from the furthest household	If no water on premises, do you feel the activity of fetching water (distance and/or queuing time) constitutes a problem for your household?	<ol style="list-style-type: none"> <li>1. Distance is a problem</li> <li>2. Queuing time is a problem</li> <li>3. Both distance and queuing time are a problem</li> <li>4. Do not feel safe (mainly women and girls)</li> <li>5. No problem</li> </ol>	Select multiple	In-camp HH
	water quality and quantity	HH		If relevant, what are the problems associated with fetching water? (Select all that apply but do not read choices)	<ol style="list-style-type: none"> <li>1.Reduces time usually spent on other tasks</li> <li>2.Prevents children from attending classes</li> <li>3.Reduces amount of water accessible to household</li> <li>4.Forces household to complement with closer, less desirable water sources</li> <li>5.Other (please specify):</li> </ol>	Select multiple	In-camp HH
	water quality and quantity	HH		% HH with access to safe water of good quality	Does your household treat the water in any way to make it safer to drink?	<input type="checkbox"/> Yes, always treat it before drinking <input type="checkbox"/> Yes, sometimes treat it before drinking <input type="checkbox"/> No, never treat it before drinking because it is not necessary <input type="checkbox"/> Don't know	Select one
	water quality and quantity	HH	What does your household usually do to make water safer to drink?		<input type="checkbox"/> Let it stand and settle <input type="checkbox"/> Boil it <input type="checkbox"/> Expose it to sunlight <input type="checkbox"/> Use disinfection products: <input type="checkbox"/> Aquatabs/water purification tablets <input type="checkbox"/> Liquid chlorine <input type="checkbox"/> Powder or granular chlorine <input type="checkbox"/> PuR or Watermaker sachets <input type="checkbox"/> Other: _____ <input type="checkbox"/> Filter it: <input type="checkbox"/> Biosand Filter <input type="checkbox"/> Ceramic Pot Filter <input type="checkbox"/> Candle Filter/ Bucket Filter <input type="checkbox"/> Other: _____ <input type="checkbox"/> Don't know	Select multiple	In-camp HH

water quality and quantity	HH		If using free methods (stand and settle, boil, expose to sunlight), why do you use this method?	<ol style="list-style-type: none"> <li>1. Because it sufficiently cleans the water</li> <li>2. Because we cannot afford any other treatment method</li> <li>3. Because there are no treatment products/filters available in the markets</li> <li>4. Other, please specify</li> <li>5. Don't know</li> </ol>	Select one	In-camp HH
water quality and quantity	HH		Why do you feel the need to treat it?	<ol style="list-style-type: none"> <li>1. It is turbid (unclear with suspended particles)</li> <li>2. It tastes unpleasant</li> <li>3. It smells unpleasant</li> <li>4. Other: _____</li> <li>5. Don't know</li> </ol>	Select one	In-camp HH
water quality and quantity	HH	% of HH (mainly women) consulted prior to design and siting of WASH facilities	Was anyone from your household consulted at the time of design and siting of water facilities?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> <li>3. Don't know</li> </ol>	select one	In-camp HH
water quality and quantity	HH		If yes, were any female members of your household consulted?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> <li>3. Don't know</li> </ol>	select one	In-camp HH
water quality and quantity	HH	% HH that experienced water shortage	Has your HH experienced water shortages from water points?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> </ol>	Select one	In-camp HH
water quality and quantity	HH		How many times did your household experience water shortages in the last 7 days?	<ol style="list-style-type: none"> <li>1. More than once a day</li> <li>2. Every day</li> <li>3. Twice a week</li> <li>4. Once a week</li> <li>5. Don't know</li> </ol>	Select one	In-camp HH
Observation/water quality and quantity	HH	% of HH with access to functioning water point closest to HH	If applicable, is the waterpoint closest to the household functional? (direct observation, photo of issues, gps location)	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> <li>3. Don't know</li> </ol>	Select one	In-camp HH
Observation/water quality and quantity	HH		Does the waterpipe network in the vicinity of this water point show any leakage? (direct observation)	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> <li>3. Don't know</li> </ol>	Select one	In-camp HH
water quality and quantity	HH	% HH that are satisfied about access to water	How satisfied is your household with regards to access to water?	<ol style="list-style-type: none"> <li>1. Very satisfied</li> <li>2. Satisfied</li> <li>3. Unsatisfied</li> <li>4. Very unsatisfied</li> <li>5. Don't know</li> </ol>	Select one	In-camp HH

To what extent are the WASH infrastructure and facilities in camps across Iraq adhering to the minimum WASH Cluster standards and meeting the needs of the population	Coping Mechanism/Sanitation	KI		How do people in the camp adapt to issues related to sanitation facilities (latrines/toilets)?	<ol style="list-style-type: none"> <li>1. Rely on less preferred (unhygienic/unimproved) sanitation facilities (latrines/toilets);</li> <li>2. Rely on communal sanitation facilities (latrines/toilets);</li> <li>3. Makeshift space in shelter.</li> <li>4. Defecate in the open;</li> <li>5. Going to sanitation facilities (latrines/toilets) further than the usual one;</li> <li>6. Going to sanitation facilities (latrines/toilets) in a dangerous place;</li> <li>7. Going to sanitation facilities (latrines/toilets) at night;</li> <li>8. Other (specify);</li> <li>9. Don't know</li> <li>10. No issues</li> </ol>	Select multiple	In-camp KI
	Sanitation	KI	% of KIs reporting that camp residents have access to adequate bathing facilities	Where do people in the camp normally go to bathe?	Communal bathing facility/chamber (WASH room) Tubewell platform Makeshift space in the shelter Surface water (river, dam, lake, pond, stream canal, irrigation canals) No designated bathing facility Other, please specify Don't know Refuse to answer	Select multiple	In-camp KI
	Sanitation	KI		If makeshift space in shelter, surface water, no designated bathing facility - why?	No other bathing facilities Not enough other bathing facilities Other bathing facilities non-functional Other bathing facilities not hygienic Other bathing facilities not gender segregated Other bathing facilities not safe Other bathing facilities not private enough Not culturally appropriate Other, please specify Dont know	Select multiple	In-camp KI

	Sanitation	KI		Do people in the camp have problems related to bathing facilities (showers)? If yes, which ones?	<ol style="list-style-type: none"> <li>1. Yes;</li> <li>2. No;</li> <li>3. Don't know</li> </ol> If yes, select multiple: <ol style="list-style-type: none"> <li>1. Lack of bathing facilities (showers) / facilities too crowded</li> <li>2. bathing facilities (showers) are not functioning or full</li> <li>3. bathing facilities (showers) are unclean/unhygienic</li> <li>4. bathing facilities (showers) are not private (no locks/door/walls/lighting etc.)</li> <li>5. bathing facilities (showers) are not segregated between men and women</li> <li>6. bathing facilities (showers) are too far</li> <li>7. bathing facilities (showers) are difficult to reach (especially for people with disabilities)</li> <li>8. Going to the bathing facilities (showers) is dangerous</li> <li>9. Some groups (children, women, elderly, ethnic minorities, etc.) do not have access to bathing facilities (showers)</li> <li>10. Other (specify)</li> <li>11. Don't know</li> </ol>	Select multiple	In-camp KI
	Sanitation	KI		How frequently is garbage collected in the camp from communal pits, bins in the streets or designated dumping areas?	<ol style="list-style-type: none"> <li>1. Everyday</li> <li>2. Once a week</li> <li>3. Once a month</li> <li>4. Less than once a month</li> <li>5. Never collected</li> <li>6. Other (specify)</li> <li>7. Don't know</li> </ol>	Select one	In-camp KI
	Sanitation	KI		If relevant, who is providing waste collection services in the camp?	<ol style="list-style-type: none"> <li>1. The government</li> <li>2. The UN</li> <li>3. An NGO</li> <li>4. A private company</li> <li>5. Other, please specify</li> <li>6. No one</li> <li>7. Don't know</li> </ol>	Select multiple	In-camp KI
	Sanitation	KI		Is the frequency and coverage of solid waste collection sufficient to meet the needs of the population?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> <li>3. Don't know</li> </ol>	Select one	In-camp KI

	Sanitation	KI		If no, why not?	<ol style="list-style-type: none"> <li>1. There are not enough workers to cover the camp</li> <li>2. There is not enough equipment and supplies to collect solid waste</li> <li>3. There are not enough communal containers where people can dispose of their solid waste</li> <li>4. Camp residents are not sufficiently aware of solid waste management practices</li> <li>5. Certain areas of the camp cannot be reached due to the poor condition of the roads</li> <li>6. Other, please specify</li> <li>7. Don't know</li> </ol>	select multiple	In-camp KI
	Sanitation	KI		What is done with the solid waste collected in the camp?	<ol style="list-style-type: none"> <li>1. To a landfill where it is burned</li> <li>2. To a landfill where it piles up</li> <li>3. To a solid waste processing plant</li> <li>4. To a landfill where it is buried</li> <li>5. Other, please specify</li> <li>6. Don't know</li> </ol>	select one	In-camp KI
	Sanitation	KI	% of KIs reporting that waste water collection systems are working adequately	How is gray water and blackwater disposed of in the camps?	<ol style="list-style-type: none"> <li>1. Covered and lined septic tanks</li> <li>2. Handdug holes in the ground</li> <li>3. A communal lined drainage leading to the sewerage</li> <li>4. It drains into the field at the back of tents and remains stagnant</li> <li>5. There is no mechanism available</li> <li>6. Other, please specify</li> <li>7. Don't know</li> </ol>	select multiple	In-camp KI
	Sanitation	KI		If relevant, who is providing services to empty septic tanks?	<ol style="list-style-type: none"> <li>1. The government</li> <li>2. The UN</li> <li>3. An NGO</li> <li>4. A private company</li> <li>5. Other, please specify</li> <li>6. No one</li> <li>7. Don't know</li> </ol>	Select multiple	In-camp KI
	Sanitation	KI		Are there any issues in the camp with the disposal of gray water and blackwater?	<p>If yes, select multiple</p> <ol style="list-style-type: none"> <li>1. The septic tanks are not emptied often enough</li> <li>2. The septic tanks are leaking</li> <li>3. Not all latrines are properly connected to the septic tanks</li> <li>4. Many latrines do not have any drainage system, causing drainage to remain stagnant</li> <li>5. Certain latrines regularly overflow, causing drainage to remain stagnant</li> <li>6. Other, please specify</li> <li>7. Don't know</li> </ol>	Select multiple	In-camp KI

	Sanitation	KI	% of KIs reporting functional gray water and blackwater treatment infrastructure	Where is gray water and blackwater collected from the camp taken to?	<ol style="list-style-type: none"> <li>1. To a government gray water and blackwater treatment plant where it is processed</li> <li>2. To a private gray water and blackwater treatment plant where it is processed</li> <li>3. It is dumped</li> <li>4. Other, please specify</li> <li>5. Don't know</li> <li>6. Not applicable, there is no waste water collection</li> </ol>	Select one	In-camp KI
	Sanitation	KI		(if WTP) is it fully functional?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> <li>3. Don't know</li> </ol>	Select one	In-camp KI
	Sanitation	KI		If no, why not?	<ol style="list-style-type: none"> <li>1. The plant is damaged due to the conflict and does not function at all or not at full capacity</li> <li>2. The plant is lacking the supplies to adequately process the gray water and blackwater</li> <li>3. The electricity/fuel supply to the plant is insufficient to operate at full capacity</li> <li>4. The plant is lacking staff to operate (at full capacity)</li> <li>5. The WTP is too old/poorly maintained to function properly</li> <li>6. The capacity of the WTP is not sufficient to serve the whole area</li> <li>7. Other, please specify</li> <li>8. Don't know</li> </ol>	Select multiple	In-camp KI
	Sanitation	KI		Has stagnant water been visible in the camp in the last 30 days? (not caused by climate conditions)	<ol style="list-style-type: none"> <li>1. Never visible</li> <li>2. Sometimes visible</li> <li>3. Frequently visible</li> </ol>	Select one	In-camp KI
	Sanitation	KI		If yes, what causes this water stagnation?	<ol style="list-style-type: none"> <li>1. Poorly maintained drainage systems</li> <li>2. Leaking water infrastructure</li> <li>3. Overflowing sanitation facilities</li> <li>4. Overflowing washing facilities</li> <li>5. Drainage systems frequently getting clogged by waste</li> <li>6. Certain areas are geographically too low to adequately drain</li> <li>7. Other, please specify</li> <li>8. Don't know</li> </ol>	Select multiple	In-camp KI

	Observation/Sanitation	HH		What kind of sanitation facility (latrine/toilet) does your household usually use? (also direct observation)	<input type="checkbox"/> Flush or pour/flush toilet <input type="checkbox"/> Pit latrine without a slab or platform <input type="checkbox"/> Pit latrine with a slab and platform <input type="checkbox"/> Open hole <input type="checkbox"/> Pit VIP toilet <input type="checkbox"/> Bucket toilet <input type="checkbox"/> Plastic bag <input type="checkbox"/> Hanging toilet/latrine <input type="checkbox"/> None of the above, open defecation <input type="checkbox"/> Other (specify) <input type="checkbox"/> Don't know	Select one	In-camp HH
	Sanitation	HH	% HH with access to adequate latrines	(If applicable) Do you share this sanitation facility with other households? If yes, how many households use this sanitation facility (latrine/toilet)?	1) <input type="checkbox"/> Yes, with the whole block; <input type="checkbox"/> Yes, with a few households <input type="checkbox"/> No; <input type="checkbox"/> Don't know 2) If yes, <input type="checkbox"/> # of HH; <input type="checkbox"/> Other (specify); <input type="checkbox"/> Don't know	Select one	In-camp HH
	Sanitation	HH		If no, who is responsible for maintaining it in your household?	1. Women 2. Men 3. Whoever uses it, cleans it 4. No one 5. Camp management maintains it Other, specify Don't know Refuse to answer	Select one	In-camp HH
	Sanitation	HH		If yes, who is responsible for maintaining the toilets?	1. Whoever uses it, cleans it 2. Households take turns in who must clean it 3. Money collected to hire camp residents to clean it 4. Money collected to hire someone external to clean it 5. Camp management maintains it 6. No one cleans it 7. Don't know 8. Refuse to answer	Select one	In-camp HH
	Sanitation	HH		In your opinion, is the toilet sufficiently maintained	1. Yes 2. No 3. Don't know 4. Refuse to answer	Select one	In-camp HH
	Sanitation	HH		Are the toilets accessible for people with limited mobility?	1. Yes 2. No 3. Don't know	select one	In-camp HH

	Sanitation	HH		<p>What are the main reasons your household members are not able to access sanitation facilities? (Ask only if the respondent answered "just enough/barely enough", "insufficient" or "totally insufficient" to the previous question)</p>	<ol style="list-style-type: none"> <li>1. Lack of sanitation facilities (latrines/toilets)/facilities too crowded</li> <li>2. Sanitation facilities (latrines/toilets) are not functioning or full</li> <li>3. Sanitation facilities are unclean/unhygienic</li> <li>4. Sanitation facilities are not private (no locks/door/walls/lighting/etc)</li> <li>5. Sanitation facilities (latrines/toilets) are not segregated between men and women</li> <li>6. Sanitation facilities (latrines/toilets) are too far</li> <li>7. Sanitation facilities (latrines/toilets) are difficult to reach (especially for people with disabilities)</li> <li>8. Going to sanitation facilities (latrines/toilets) is dangerous</li> <li>9. Some groups (children, women, elderly, ethnic minorities, etc) do not have access to sanitation facilities (latrines/toilets)</li> <li>10. None</li> <li>11. Other, please specify</li> </ol>	Select multiple	In-camp HH
	Observation/Sanitation	HH		<p>Does the households' most commonly used latrine have the following? (direct observation, photo of issues, and gps point of latrine taken)</p>	<p>Yes/No/Don't know for each</p> <ol style="list-style-type: none"> <li>1. A functioning flushing system (water to flush with, if applicable)</li> <li>2. A proper drainage (e.g. no standing/stagnant water in the latrine)</li> <li>3. A sufficient segregation between men and women</li> <li>4. Sufficient privacy partitions</li> <li>5. Proper walls/doors/windows (e.g. no broken doors/walls/windows)</li> <li>6. An adequate lock</li> <li>7. Sufficient lighting</li> <li>8. It is clean enough</li> <li>9. It is located in a convenient area of the camp (the HH has no privacy or dignity concerns)</li> <li>10. The latrine is accessible for persons with disabilities</li> <li>11. Other, please specify</li> <li>12. Don't know</li> </ol>	Direct observation	In-camp HH
	Sanitation	HH		<p>Overall, has your household's access to sanitation facilities been enough to meet or satisfy the basic needs of your household members in the last 30 days?</p>	<ol style="list-style-type: none"> <li>1. More than sufficient</li> <li>2. Sufficient</li> <li>3. Just enough/barely enough</li> <li>4. Insufficient</li> <li>5. Totally insufficient</li> </ol>	Select one	In-camp HH
	Sanitation	HH	% of HHs engaging in coping mechanisms for lack of access to sanitation - by types of coping mechanism	<p>In the last 7 days, have you or any of your family members:</p>	<input type="checkbox"/> Relied on a less preferred sanitation facilities (latrines/toilets) <input type="checkbox"/> Gone to a sanitation facility (latrine/toilet) in a dangerous place <input type="checkbox"/> Defecated in the open	select multiple	In-camp HH

					<input type="checkbox"/> Other (please list); <input type="checkbox"/> Don't know		
Sanitation	HH	% HH who confine their waste	What is the main method of waste disposal for your household?	1. Communal garbage bin emptied by camp management 2. Rubbish pit 3. Burning 4. Throw in street / open space inside residential area 5. Throw in street/open space outside residential area 6. Burying 7. Other 8. Don't know	select one	In-camp HH	
Sanitation	HH		If collection is available, how frequently is solid waste collected?	1. Every day 2. Twice a week 3. Every week 4. Every two weeks 5. Every month 6. Less than once a month 7. Don't know	Select one	In-camp HH	
Sanitation	HH		Are there sufficient waste receptacles/containers in the camp?	1. Yes 2. No 3. Don't know 4. Decline to answer	Select one	In-camp HH	
Sanitation	HH		How frequently are waste receptacles too full/overflowing?	1. Every day 2. Twice a week 3. Every week 4. Every two weeks 5. Every month 6. Less than once a month 7. Don't know	Select one	In-camp HH	
Sanitation	HH		Is the household's most frequently used waste receptacle currently too full? (direct observation)	1. Yes 2. No	Select one	In-camp HH	
Sanitation	HH		Is there a strong odor emanating from the household's most frequently used waste receptacle? (direct observation)	1. Yes 2. No	Select one	In-camp HH	

Sanitation	HH	% HH who confine their waste	Where does waste water from the toilet/latrine that you use drain into?	<ol style="list-style-type: none"> <li>1. Covered and lined septic tank/cesspool</li> <li>2. A handdug hole in the ground</li> <li>3. It is connected to a communal lined drainage and to the sewerage</li> <li>4. It drains into the field at the back of the shelter and remains stagnant</li> <li>5. There is no mechanism available</li> <li>6. Other, please specify</li> <li>7. Don't know</li> </ol>	select one	In-camp HH
Sanitation	HH		How often was there visible sewerage in the public areas of the camp in the last 30 days?	<ol style="list-style-type: none"> <li>1. Never visible</li> <li>2. Sometimes visible</li> <li>3. Always visible</li> </ol>	select one	In-camp HH
Sanitation/observation	HH		Is there currently visible sewerage in the nearest public area of the camp? (direct observation)	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> </ol>	Direct observation	In-camp HH
Sanitation/observation	HH		Is there currently a smell of sewerage in the nearest public area of the camp? (direct observation)	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> </ol>	Direct observation	In-camp HH
Sanitation	HH		How often was there visible sewerage in the vicinity (30 meters or less) of your accommodation in the last 30 days?	<ol style="list-style-type: none"> <li>1. Never visible</li> <li>2. Sometimes visible</li> <li>3. Always visible</li> </ol>	Select one	In-camp HH
Sanitation	HH		Is there currently visible sewerage in the vicinity (30 meters or less) of the household's accommodation?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> </ol>	Direct observation	In-camp HH
Sanitation	HH		% of HH facing environmental sanitation problems	In the last 30 days, was the following visible in the vicinity of your accommodation (30 meters or less) - <b>Solid waste or trash</b>	<ol style="list-style-type: none"> <li>1. Never visible</li> <li>2. Sometimes visible</li> <li>3. Always visible</li> </ol>	Select one
Sanitation	HH	In the last 30 days, was the following visible in the vicinity of your accommodation (30 meters or less) - <b>Human excreta/feaces</b>		<ol style="list-style-type: none"> <li>1. Never visible</li> <li>2. Sometimes visible</li> <li>3. Always visible</li> </ol>	Select one	In-camp HH
Sanitation	HH	In the last 30 days, was the following visible in the vicinity of your accommodation (30 meters or less) - <b>Dead animals</b>		<ol style="list-style-type: none"> <li>1. Never visible</li> <li>2. Sometimes visible</li> <li>3. Always visible</li> </ol>	Select one	In-camp HH

Sanitation	HH		In the last 30 days, was the following visible in the vicinity of your accommodation (30 meters or less) - <b>Rodents</b>	1. Never visible 2. Sometimes visible 3. Always visible	Select one	In-camp HH	
Sanitation	HH		In the last 30 days, was the following visible in the vicinity of your accommodation (30 meters or less) - <b>Stagnant water</b>	1. Never visible 2. Sometimes visible 3. Always visible	Select one	In-camp HH	
Sanitation	HH	% of the HH members who were reported to have suffered from diarrhoea, cholera and/or skin/eye infection in the past two weeks	Has any of your household members suffered from diarrhoea, cholera, skin/eye infections in the last two weeks?	1. Yes 2. No 3. Don't know	Select one	In-camp HH	
Sanitation	HH		If yes, how many of your household members (including you) suffered from diarrhoea in the last 2 weeks.	Integer	Integer	In-camp HH	
Sanitation	HH		If yes, how many of these HH members were under the age of 16?	Integer	Integer	In-camp HH	
Sanitation	HH		If yes, how many of your household members (including you) suffered from acute watery diarrhoea/cholera in the last 2 weeks.	Integer	Integer	In-camp HH	
Sanitation	HH		If yes, how many of these HH members were under the age of 16?	Integer	Integer	In-camp HH	
Sanitation	HH		If yes, how many of your household members (including you) suffered from skin/eye infection in the last 2 weeks.	Integer	Integer	In-camp HH	
Hygiene	KI		% of KIs reporting that residents of the camps have access to adequate handwashing facilities	Do people in the camp have access to functioning hand-washing facilities?	1. Nobody (around 0%); 2. A few (<25%); 3. About half (26 - 50%); 4. Most (51 - 75%); 5. Everyone (>76%); 6. Don't know	Select one	In-camp KI

	Hygiene	KI		If not everyone, why do some people lack access?	<ol style="list-style-type: none"> <li>1. Lack of hand washing facilities due to funding</li> <li>2. Lack of hand washing facilities due to non-functionality</li> <li>3. Certain groups of people do not feel safe at handwashing areas</li> <li>4. Lack of water at handwashing facilities</li> <li>5. Water at handwashing facilities is not clean</li> <li>6. Other, please specify</li> <li>7. Don't know</li> </ol>	Select multiple	In-camp KI
	Hygiene	KI		Do people in the camp have problems related to access to soap? If yes, which ones?	<ol style="list-style-type: none"> <li>1. Yes; 2. No; 3. Don't know</li> <li>2) If yes, which ones? <ol style="list-style-type: none"> <li>1. Soap and other hygiene items are too expensive for some people;</li> <li>2. Soap and other hygiene items are not available at the market;</li> <li>3. The market is too far away;</li> <li>4. The market is difficult to reach (especially for people with disabilities);</li> <li>5. Going to the market is dangerous ;</li> <li>6. Some groups do not have access to the market;</li> <li>7. Some people do not like quality of soap and other hygiene items;</li> <li>8. Other (specify) ;</li> <li>9. Don't know</li> </ol> </li> </ol>	Select multiple	In-camp KI
	Hygiene	KI	% of KIs reporting that women/girls of menstruating age living in the camps have access to menstrual materials	**Only applicable to female-to-female KI** Do women in the camp have access to enough menstrual materials?	<ol style="list-style-type: none"> <li>1. Nobody (around 0%);</li> <li>2. A few (&lt;25%);</li> <li>3. About half (26 - 50%);</li> <li>4. Most (51 - 75%);</li> <li>5. Everyone (&gt;76%);</li> <li>6. Don't know</li> </ol>	Select one	In-camp KI
	Hygiene	KI		**Only applicable to female-to-female KI** What type of menstrual materials do women in the camp use the most?	<ol style="list-style-type: none"> <li>1. Disposable pad</li> <li>2. Reusable pad</li> <li>3. Reusable cloth</li> <li>4. Tampon</li> <li>5. Cotton</li> <li>6. Menstrual cup</li> <li>7. Layers of underwear</li> <li>8. Nothing/bleed into clothes</li> <li>9. Other, please specify</li> <li>10. Don't know</li> </ol>	Select multiple	In-camp KI
	Hygiene	KI	% of KIs reporting that women/girls of menstruating age living in the camps have access to menstrual materials	**Only applicable to female-to-female KI** Are women facing any problems with regards to menstrual materials?	<ol style="list-style-type: none"> <li>1. None</li> <li>2. Cost of menstrual materials too high</li> <li>3. Lack of menstrual materials in shops</li> <li>4. Menstrual materials are of bad quality</li> <li>4. Other, please specify</li> <li>5. Prefer not to say</li> <li>6. Don't know</li> </ol>	Select multiple	In-camp KI

			<p>**Only applicable to female-to-female KI** Are women facing any problems with regards to privacy and dignity during menstruation?</p>	<ol style="list-style-type: none"> <li>1. None</li> <li>2. No proper place to throw material away</li> <li>3. Lack of proper facilities in the camp leading to situations of embarrassment and distress</li> <li>4. Lack of proper facilities in schools leading to girls not attending school in menstrual period</li> <li>5. Women not participating in social activities in menstrual period</li> <li>6. Other, please specify</li> <li>7. Prefer not to say</li> <li>8. Don't know</li> </ol>	Select multiple	In-camp KI
	Hygiene	KI	<p>**Only applicable to female-to-female KI** What is the preferred type of menstrual materials used by women</p>	<ol style="list-style-type: none"> <li>1. Disposable pad</li> <li>2. Reusable pad</li> <li>3. Reusable cloth</li> <li>4. Tampon</li> <li>5. Cotton</li> <li>6. Menstrual cup</li> <li>7. Layers of underwear</li> <li>8. Nothing/bleed into clothes</li> <li>9. Other, please specify</li> <li>10. Don't know</li> </ol>	Select multiple	In-camp KI
	Hygiene	HH	Does the household have access to handwashing facilities?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> </ol>	Select one	In-camp HH
	Hygiene	HH	How long does it take to go to your handwashing facility, wash hands, and return (at peak time)?	<ol style="list-style-type: none"> <li>1. Handwashing device on premises</li> <li>2. Less than 5 minutes</li> <li>3. Between 5 and 15 minutes</li> <li>4. Between 16 and 30 minutes</li> <li>5. More than 31 minutes</li> <li>6. No handwashing facilities available</li> <li>7. Don't know</li> </ol>		In-camp HH
			Is soap available at the place for handwashing? (Ask to observe)	<ol style="list-style-type: none"> <li>1. Yes (saw soap)</li> <li>2. Yes (but did not see soap)</li> <li>3. No</li> </ol>		
	Observation/Hygiene	HH	(If soap is not available at the place for handwashing) Do you have any soap in your household? If yes, could you show it?	<input type="checkbox"/> Yes (soap is shown); <input type="checkbox"/> Yes (soap is not shown); <input type="checkbox"/> No; <input type="checkbox"/> Don't know <input type="checkbox"/> Refuse to answer	Select one	In-camp HH

Hygiene	HH		(If applicable) Please tell me the main reason why your household does not have soap?	<input type="checkbox"/> Soap is unnecessary; <input type="checkbox"/> We run out of soap; <input type="checkbox"/> Soap is too expensive; <input type="checkbox"/> Soap is not available at the market; <input type="checkbox"/> The market is too far away; <input type="checkbox"/> Going to the market is dangerous; <input type="checkbox"/> The market is difficult to reach (especially for people with disabilities); <input type="checkbox"/> Don't like quality of soap available; <input type="checkbox"/> Other (specify) ; <input type="checkbox"/> Don't know	Select multiple	In-camp HH
Hygiene	HH	% of HH with access to menstrual hygiene material (only for women and girls)	Do the women in your HH have access to menstrual hygiene material?	1. Yes 2. No 3. Don't know	Select one	In-camp HH
Hygiene	HH		If yes, where do you get it from?	1. Distribution from NGO/camp management 2. Distribution from Government 3. Buy it from the market 4. Other	Select one	In-camp HH
Hygiene	HH	% of women who receive menstrual hygiene material monthly	If distributed, do women in your household receiving menstrual hygiene material monthly?	1. Yes 2. No 3. Don't know 4. Decline to answer	Select one	In-camp HH
Hygiene	HH	% HH with access to hygiene items	Do you have access to sufficient hygiene items (soap, toothbrush/paste)?	1. Yes 2. No 3. Don't know	Select one	In-camp HH
Hygiene	HH		If yes, where do you get it from?	1. Distribution from NGO/camp management 2. Distribution from Government 3. Buy it from the market 4. Other	Select one	In-camp HH
Hygiene	HH	% HH with access to hygiene items	Does your household have problems related to hygiene items (feminine hygiene products, baby diapers, toothpaste/brush)? If yes, which ones?	1. No 2) If yes, which ones? 3. Soap and other hygiene items are too expensive 4. Soap and other hygiene items are not available at the market 5. The market is too far away 6. The market is difficult to reach (especially for people with disabilities) 7. Going to the market is dangerous 8. Some groups do not have access to the market 9. Don't like quality of soap and other hygiene items 10. Other (specify) 11. Don't know	Select multiple	In-camp HH

	Coping Mechanism/Hygiene	HH	% HH with access to hygiene items	(If applicable) How does your household adapt to issues related to hygiene items?	<ol style="list-style-type: none"> <li>1. Rely on less preferred types of NFI</li> <li>2. Rely on soap substitutes (sand or other rubbing agents for soap, clothing for diapers, etc.)</li> <li>3. Buying NFI at a market place further than the usual one</li> <li>4. Buying NFI at a market place in a dangerous place</li> <li>5. Borrow NFI from a friend or relative</li> <li>6. Spend money (or credit) on NFI that should otherwise be used for other purposes</li> <li>7. Reduce NFI consumption for personal hygiene</li> <li>8. Reduce NFI consumption for other purposes (cleaning dishes, laundry, etc.)</li> <li>9. Other (specify)</li> <li>10. Don't know</li> </ol>	Select multiple	In-camp HH
	Hygiene	HH	% HH aware of appropriate hygiene promotion messages	Are you aware of key hygiene practices? When (or at what times) do you usually wash your hands?	<p>Yes/No (if yes)</p> <ol style="list-style-type: none"> <li>1. Critical times to wash hands</li> <li>2. Water handling and storage</li> <li>3. Household Water treatment</li> <li>4. Waste disposal</li> <li>5. Personal and domestic hygiene</li> </ol>	Select multiple	In-camp HH
	Hygiene	HH	% of HH by preferred type of interventions	If your household were to receive support to address your concerns, what would you prefer?	<ul style="list-style-type: none"> <li><input type="checkbox"/> Cash for buying water items (containers, water treatment, etc.) or buying water</li> <li><input type="checkbox"/> Direct provision/distribution of water items (containers, water treatment, etc.)</li> <li><input type="checkbox"/> Direct provision of water (water trucking)</li> <li><input type="checkbox"/> Construction/rehabilitation of water points</li> <li><input type="checkbox"/> Advice on construction/rehabilitation of water points</li> <li><input type="checkbox"/> Advise on water treatment</li> <li><input type="checkbox"/> Cash to build or improve sanitation facilities (toilets/latrines)</li> <li><input type="checkbox"/> Direct construction or rehabilitation of sanitation facilities toilets/latrines)</li> <li><input type="checkbox"/> Advice on construction/rehabilitation of sanitation facilities (toilets/latrines)</li> <li><input type="checkbox"/> Cash for buying hygiene items (soap, diapers, pad, toothbrush, toothpaste, etc.)</li> <li><input type="checkbox"/> Direct provision of hygiene items (soap, diapers, pad, toothbrush, toothpaste, etc.)</li> <li><input type="checkbox"/> Advice on personal hygiene</li> <li><input type="checkbox"/> Other (specify);</li> <li><input type="checkbox"/> Don't know;</li> </ul>	Select multiple	In-camp HH

	Coping Mechanism/Hygiene	HH	% of HHs engaging in coping mechanisms for lack of access to hygiene - by types of coping mechanism	In the last 7 days, have you or any of your family members had to do any of the following to cope with a lack of hygiene:	<input type="checkbox"/> Rely on less preferred types of NFI (jerrycans, soap, etc.) <input type="checkbox"/> Buying NFI (jerrycans, soap, etc.) at a marketplace in a dangerous place <input type="checkbox"/> Spend money (or credit) on NFI (jerrycans, soap, etc.) that should otherwise be used for other purposes <input type="checkbox"/> Reduce NFI (jerrycans, soap, etc.) consumption for personal hygiene <input type="checkbox"/> Other (please list); <input type="checkbox"/> Don't know	select multiple	In-camp HH
	Hygiene	HH		What type of showers does your household most commonly use?	1. Communal showers built by camp management 2. Private showers built by camp management 3. Private showers built by the household 4. Other, please specify	select one	In-camp HH
	Observation/Hygiene	HH	% of HH having access to adequate showering facilities	If present, does the communal shower closest to the household have the following? (direct observation, photos of issues, and gps point of shower)	Yes/No/Don't know for each 1. Running water 2. Running hot water 2. A proper drainage (e.g. no standing/stagnant water in the shower) 3. A sufficient segregation between men and women 4. Sufficient privacy partitions 5. Proper walls/doors/windows (e.g. no broken doors/walls/windows) 6. An adequate lock 7. Sufficient lighting 8. It is clean enough 9. It is located in a convenient area of the camp (the HH has no privacy or dignity concerns) 10. The shower is accessible for persons with disabilities 11. Other, please specify 12. Don't know	Direct observation	In-camp HH

	All	HH	% of HH by preferred type of interventions	If your household were to receive support to address your concerns, what would you prefer?	<input type="checkbox"/> Cash for buying water items (containers, water treatment, etc.) or buying water <input type="checkbox"/> Direct provision/distribution of water items (containers, water treatment, etc.) <input type="checkbox"/> Direct provision of water (water trucking) <input type="checkbox"/> Construction/rehabilitation of water points <input type="checkbox"/> Advice on construction/rehabilitation of water points <input type="checkbox"/> Advise on water treatment <input type="checkbox"/> Cash to build or improve sanitation facilities (toilets/latrines) <input type="checkbox"/> Direct construction or rehabilitation of sanitation facilities toilets/latrines) <input type="checkbox"/> Advice on construction/rehabilitation of sanitation facilities (toilets/latrines) <input type="checkbox"/> Cash for buying hygiene items (soap, diapers, pad, toothbrush, toothpaste, etc.) <input type="checkbox"/> Direct provision of hygiene items (soap, diapers, pad, toothbrush, toothpaste, etc.) <input type="checkbox"/> Advice on personal hygiene <input type="checkbox"/> Other (specify); <input type="checkbox"/> Don't know;	Select multiple	In-camp HH
<b>OUT OF CAMP</b>							
To what extent are the WASH infrastructure and facilities in out-of-camp locations across Iraq adhering to minimum WASH Cluster standards and meeting the needs of the population	water quality and quantity	KI	% of KIs reporting drinking water from improved sources being available	What is the main source of water used by people in your area of knowledge for drinking?	1.Piped water into compound 2.Piped water connected to public tap 3.Borehole 4.Protected well 5.Protected rainwater tank 6.Protected spring 7.Bottled water 8.Water Trucking 9.Illegal connection to piped network 10.Unprotected rainwater tank 11.Unprotected well 12.Unprotected spring 13. Surface water without pre-treatment (river, dam, lake, pond, stream, canal) 14. Other 15. Don't know	select one	Out-of-camp KI

	water quality and quantity	KI		<p>Aside from this main source, do people in your area of knowledge use other sources of water for drinking? If yes, which ones?</p>	<p>Yes/No/Don't know If yes, select multiple</p> <ol style="list-style-type: none"> <li>1.Piped water into compound</li> <li>2.Piped water connected to public tap</li> <li>3.Borehole</li> <li>4.Protected well</li> <li>5.Protected rainwater tank</li> <li>6.Protected spring</li> <li>7.Bottled water</li> <li>8.Water Trucking</li> <li>9.Illegal connection to piped network</li> <li>10.Unprotected rainwater tank</li> <li>11.Unprotected well</li> <li>12.Unprotected spring</li> <li>13. Surface water without pre-treatment (river, dam, lake, pond, stream, canal)</li> <li>14. Other</li> </ol>	select multiple	Out-of-camp KI
	water quality and quantity	KI	% of KIs reporting low quality of drinking water	<p>Is the water clean enough to drink without treatment throughout the whole subdistrict? (per source, loop)</p>	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> <li>3. Don't know</li> </ol>	select one	Out-of-camp KI
	water quality and quantity	KI		<p>If not, why? (only if piped water, so source 1, 2, 8, 9, )</p>	<ol style="list-style-type: none"> <li>1. WTP is not functioning</li> <li>2. WTP is not fully functioning</li> <li>3. The pipe network from the WTP to the houses has been damaged</li> <li>4. Lack of consumables (chlorine, aluminium sulphate) dirty/salinated</li> <li>5. Don't know</li> <li>6. Other, please specify</li> </ol>	select multiple	Out-of-camp KI
	water quality and quantity	KI		<p>What proportion of people in your area of knowledge use treatment methods before drinking the water?</p>	<ol style="list-style-type: none"> <li>1. Nobody (around 0%);</li> <li>2. A few (&lt;25%);</li> <li>3. About half (26 - 50%);</li> <li>4. Most (51 - 75%);</li> <li>5. Everyone (&gt;76%);</li> <li>6. Don't know</li> </ol>	select one	Out-of-camp KI
	water quality and quantity	KI		<p>If relevant, why do households treat the water?</p>	<ol style="list-style-type: none"> <li>1. It is turbid (unclear with suspended particles)</li> <li>2. It tastes unpleasant</li> <li>3. It smells unpleasant</li> <li>4. Dangerous to health (causes diseases such as diarrhea, etc.)</li> <li>5. Don't know</li> <li>6. Other, please describe</li> </ol>	select multiple	Out-of-camp KI

	water quality and quantity	KI		What are the main treatment methods used? (if not answered 'nobody')	<ol style="list-style-type: none"> <li>1. Let it stand and settle</li> <li>2. Boil it</li> <li>3. Expose it to sunlight</li> <li>4. Use disinfection products: <ol style="list-style-type: none"> <li>4.1. Aquatabs/water purification tablets</li> <li>4.2. Liquid chlorine</li> <li>4.3 Powder or granular chlorine</li> <li>4.4 PuR or Watermaker sachets</li> <li>4.5 Other (specify)</li> </ol> </li> <li>Filter it: <ol style="list-style-type: none"> <li>5. Biosand Filter</li> <li>6. Ceramic Pot Filter</li> <li>7. Candle Filter/Bucket Filter</li> <li>8. Other (specify)</li> <li>9. Don't know</li> </ol> </li> </ol>	Select one	Out-of-camp KI
	water quality and quantity	KI		Why are households not treating the water? (If selected 'no, not clean to drink without treatment' and not selected 'everyone')	<ol style="list-style-type: none"> <li>1. Cannot afford the treatment methods</li> <li>2. Do not realize the water is not clean for drinking</li> <li>3. Don't know how to properly clean the water</li> <li>4. Other, please specify</li> <li>5. Don't know</li> </ol>		Out-of-camp KI
	water quality and quantity	KI	% of KIs reporting a sufficient quantity of drinking water	What proportion of people in your area of knowledge have enough water to drink?	<ol style="list-style-type: none"> <li>1. Nobody (around 0%);</li> <li>2. A few (&lt;25%);</li> <li>3. About half (26 - 50%);</li> <li>4. Most (51 - 75%);</li> <li>5. Everyone (&gt;76%);</li> <li>6. Don't know</li> </ol>	select one	Out-of-camp KI
	water quality and quantity	KI		Do people in your area of knowledge have problems related to access to water? If yes, which ones?	<ol style="list-style-type: none"> <li>1) <input type="checkbox"/> Yes; <input type="checkbox"/> No; <input type="checkbox"/> Don't know</li> <li>2) If yes, select multiple <ul style="list-style-type: none"> <li><input type="checkbox"/> Waterpoints are too far</li> <li><input type="checkbox"/> Waterpoints are difficult to reach (especially for people with disabilities)</li> <li><input type="checkbox"/> Fetching water is a dangerous activity</li> <li><input type="checkbox"/> Some groups (children, women, elderly, ethnic minorities, etc.) do not have access to the waterpoints</li> <li><input type="checkbox"/> Insufficient number of water points / waiting time at water points</li> <li><input type="checkbox"/> Water points are not functioning or close</li> <li><input type="checkbox"/> Water is not available at the market</li> <li><input type="checkbox"/> Water is too expensive</li> <li><input type="checkbox"/> Treatment methods are too expensive</li> <li><input type="checkbox"/> Not enough container to store the water</li> <li><input type="checkbox"/> Don't like taste / quality of water</li> <li><input type="checkbox"/> Other (please list)</li> <li><input type="checkbox"/> Don't know</li> </ul> </li> </ol>	select multiple	Out-of-camp KI

	water quality and quantity	KI	% of KIs reporting non-functional water treatment infrastructure in their area of knowledge	How many Water Treatment Plants (WTPs) are there in your area of knowledge?	Integer Don't know	Integer	Out-of-camp KI
	water quality and quantity	KI		How many of these WTPs are not (fully) functional?	Integer Don't know	Integer	Out-of-camp KI
	water quality and quantity	KI		If yes, which ones? (name)	Text Don't know	Text	Out-of-camp KI
	water quality and quantity	KI		Why is the WTP not fully functional? (per WTP, loop)	<ol style="list-style-type: none"> <li>1. The WTP is damaged due to the conflict and does not function at all or not at full capacity</li> <li>2. The WTP is lacking consumables (chlorine, aluminium sulphate.) to clean the water</li> <li>3. The electricity supply to the WTP is insufficient to operate at full capacity</li> <li>4. The WTP is lacking staff to operate (at full capacity)</li> <li>5. The intake water to the WTP is too dirty/salinated</li> <li>6. The pipe network from the WTP to the houses has been damaged</li> <li>7. The WTP is too old/poorly maintained to function properly</li> <li>8. Don't know</li> <li>9. Other, please specify</li> <li>10. Refuse to answer</li> </ol>	select multiple	Out-of-camp KI
	water quality and quantity	KI		If yes, what are the consequences? (per WTP, loop)	<ol style="list-style-type: none"> <li>1. Piped water is available less hours per day</li> <li>2. Piped water is less clean but still safe enough to drink without treatment</li> <li>3. Piped water is no longer safe enough to drink without treatment</li> <li>4. The pressure of piped water distribution is lower</li> <li>5. Don't know</li> <li>6. Other, please specify</li> </ol>	select multiple	Out-of-camp KI
	water quality and quantity	KI		How many pumping stations are there in your area of knowledge?	Integer Don't know	Integer	Out-of-camp KI
	water quality and quantity	KI		How many of these pumping stations are not (fully) functional?	Integer Don't know	Integer	Out-of-camp KI
	water quality and quantity	KI		If any, which ones? (name)	Text Don't know	Text	Out-of-camp KI

	water quality and quantity	KI		If yes, why not? (per pumping station, loop)	<ol style="list-style-type: none"> <li>1. The pumping station is damaged due to the conflict and does not function at all or not at full capacity</li> <li>2. The electricity/fuel supply to the pumping station is insufficient to operate at full capacity</li> <li>3. The pumping station is lacking staff to operate (at full capacity)</li> <li>4. The pipe network from the pumping station to the houses has been damaged</li> <li>5. The pumping station is too old/poorly maintained to function properly</li> <li>6. Don't know</li> <li>7. Other, please specify</li> </ol>	select multiple	Out-of-camp KI
	water quality and quantity	KI		If yes, what are the consequences? (per pumping station, loop)	<ol style="list-style-type: none"> <li>1. Piped water is available less hours per day</li> <li>2. Piped water is less clean but still safe enough to drink without treatment</li> <li>3. Piped water is no longer safe enough to drink without treatment</li> <li>4. The pressure of piped water distribution is lower</li> <li>5. Don't know</li> <li>6. Other, please specify</li> </ol>	select multiple	Out-of-camp KI
	water quality and quantity	HH	% HH whose main source of drinking water is an improved water source	What has been your household's primary source of drinking water over the past 30 days?	<p><b>Improved:</b></p> <ol style="list-style-type: none"> <li>1.Piped water into compound</li> <li>2.Piped water connected to public tap</li> <li>3.Borehole</li> <li>4.Protected well</li> <li>5.Protected rainwater tank</li> <li>6.Protected spring</li> <li>7.Bottled water</li> </ol> <p><b>Unimproved:</b></p> <ol style="list-style-type: none"> <li>8.Water Trucking</li> <li>9.Illegal connection to piped network</li> <li>10.Unprotected rainwater tank</li> <li>11.Unprotected well</li> <li>12.Unprotected spring</li> <li>13. Surface water without pre-treatment (river, dam, lake, pond, stream, canal)</li> <li>14. Other</li> </ol>	Select one	Out-of-camp HH

water quality and quantity	HH	% of HH reporting using a secondary improved water source	Aside from this main source, did your household use other sources of water for drinking in the past 30 days? If yes, which ones?	<b>Improved:</b> 1.Piped water into compound 2.Piped water connected to public tap 3.Borehole 4.Protected well 5.Protected rainwater tank 6.Protected spring 7.Bottled water <b>Unimproved:</b> 8.Water Trucking 9.Illegal connection to piped network 10.Unprotected rainwater tank 11.Unprotected well 12.Unprotected spring 13. Surface water without pre-treatment (river, dam, lake, pond, stream, canal) 14. Other	select one	Out-of-camp HH
water quality and quantity	HH	% of HH per type of water source used for non-drinking purposes	What has been your household's sources of water for cooking, washing and cleaning in the last 30 days?	<b>Improved:</b> 1.Piped water into compound 2.Piped water connected to public tap 3.Borehole 4.Protected well 5.Protected rainwater tank 6.Protected spring 7.Bottled water <b>Unimproved:</b> 8.Water Trucking 9.Illegal connection to piped network 10.Unprotected rainwater tank 11.Unprotected well 12.Unprotected spring 13. Surface water without pre-treatment (river, dam, lake, pond, stream, canal) 14. Other	Select multiple	Out-of-camp HH
water quality and quantity	HH	% HH with access to sufficient quantity of water for drinking and domestic purposes (% HH with less than 50 liters of water per person)	Does your household own either a private or shared water tank?	1. Yes. 2. No 3. Don't know	Select one	Out-of-camp HH
water quality and quantity	HH		Please can you show me where you store water? Evaluate the capacity of the containers.	Integer Don't know	Integer	Out-of-camp HH
water quality and quantity	HH		How many times do you re-fill your tanks each week?	Integer Don't know	Integer	Out-of-camp HH
water quality and quantity	HH		How many people share this water tank?	Integer Don't know	Integer	Out-of-camp HH

	water quality and quantity	HH		Overall, has your households access to water been enough to meet or satisfy the basic needs of your household members in the last 30 days?	<ol style="list-style-type: none"> <li>1. More than sufficient</li> <li>2. Sufficient</li> <li>3. Just enough/barely enough</li> <li>4. Insufficient</li> <li>5. Totally insufficient</li> </ol>	Select one	Out-of-camp HH
	water quality and quantity	HH		Did your household have problems related to access to water in the last 30 days? If yes, which ones? (Ask only if the respondent answered "just enough/barely enough", "insufficient" or "totally insufficient" to the previous question)	<input type="checkbox"/> Waterpoints are too far <input type="checkbox"/> Waterpoints are difficult to reach (especially for people with disabilities) <input type="checkbox"/> Fetching water is a dangerous activity <input type="checkbox"/> Some groups (children, women, elderly, ethnic minorities, etc.) do not have access to the waterpoints <input type="checkbox"/> Insufficient number of water points / waiting time at water points <input type="checkbox"/> Water points are not functioning or close <input type="checkbox"/> Water is not available at the market <input type="checkbox"/> Water is too expensive <input type="checkbox"/> Not enough container to store the water <input type="checkbox"/> Don't like taste / quality of water <input type="checkbox"/> Other (please list) <input type="checkbox"/> Don't know	Select multiple	Out-of-camp HH
	Coping Mechanism/water quality and quantity	HH	% of HHs engaging in coping mechanisms for lack of access to water - by types of coping mechanism	In the last 7 days, have you or any of your family members had to use one of the following coping strategies to cope with a lack of access to water:	<input type="checkbox"/> Rely on less preferred (unimproved/untreated) water sources for drinking water; <input type="checkbox"/> Rely on surface water for drinking water; <input type="checkbox"/> Rely on less preferred (unimproved/untreated) water sources for other purposes such as cooking and washing; <input type="checkbox"/> Rely on surface water for other purposes such as cooking and washing; <input type="checkbox"/> Fetch water at a source further than the usual one; <input type="checkbox"/> Send children to fetch water; <input type="checkbox"/> Fetch water at a source that could be dangerous; <input type="checkbox"/> Spend money (or credit) on water that should otherwise be used for other purposes; <input type="checkbox"/> Reduce drinking water consumption (drink less); <input type="checkbox"/> Reduce water consumption for other purposes (bathe less, etc.); <input type="checkbox"/> Other (please list); <input type="checkbox"/> Don't know	select multiple	Out-of-camp HH
	water quality and quantity	HH	% of HHs by time (minutes) taken to fetch water (round trip by walking, queuing and time needed to fetch water)	How long does it take to go to your main water point, fetch water, and return (at peak time)?	<ol style="list-style-type: none"> <li>1. Water on premises/ Not applicable</li> <li>2. Less than 5 min to fetch and return</li> <li>3. Between 5 and 15 min to fetch and return</li> <li>4. Between 16 and 30 min to fetch and return</li> <li>5. More than 30 min, up to 1 hour</li> <li>6. More than 1 hour, up to 2 hours</li> <li>7. More than 2 hours</li> <li>8. Do not know</li> </ol>	select one	Out-of-camp HH

	water quality and quantity	HH	% HH with access to water collection point ≤ 500m from the furthest household	If no water on premises, do you feel the activity of fetching water (distance and/or queuing time) constitutes a problem for your household?	<ol style="list-style-type: none"> <li>1. Distance is a problem</li> <li>2. Queuing time is a problem</li> <li>3. Both distance and queuing time are a problem</li> <li>4. Do not feel safe (mainly women and girls)</li> <li>4. No problem</li> </ol>	select multiple	Out-of-camp HH
	water quality and quantity	HH		If relevant, what are the problems associated with fetching water? (Select all that apply but do not read choices)	<ol style="list-style-type: none"> <li>1.Reduces time usually spent on other tasks</li> <li>2.Prevents children from attending classes</li> <li>3.Reduces amount of water accessible to household</li> <li>4.Forces household to complement with closer, less desirable water sources</li> <li>5.Other (please specify): _____</li> </ol>	select multiple	Out-of-camp HH
	water quality and quantity	HH	% HH with access to safe water of good quality	Does your household treat the water in any way to make it safer to drink?	<input type="checkbox"/> Yes, always treat it before drinking <input type="checkbox"/> Yes, sometimes treat it before drinking <input type="checkbox"/> No, never treat it before drinking because it is not necessary <input type="checkbox"/> Don't know	select one	Out-of-camp HH
	water quality and quantity	HH		What does your household usually do to make water safer to drink?	<input type="checkbox"/> Let it stand and settle <input type="checkbox"/> Boil it <input type="checkbox"/> Expose it to sunlight <input type="checkbox"/> Use disinfection products: <input type="checkbox"/> Aquatabs/water purification tablets <input type="checkbox"/> Liquid chlorine <input type="checkbox"/> Powder or granular chlorine <input type="checkbox"/> PuR or Watermaker sachets <input type="checkbox"/> Other: _____ <input type="checkbox"/> Filter it: <input type="checkbox"/> Biosand Filter <input type="checkbox"/> Ceramic Pot Filter <input type="checkbox"/> Candle Filter/ Bucket Filter <input type="checkbox"/> Other: _____ <input type="checkbox"/> Don't know	select multiple	Out-of-camp HH
	water quality and quantity	HH		If using free methods, why do you use this method?	<ol style="list-style-type: none"> <li>1. Because it sufficiently cleans the water</li> <li>2. Because we cannot afford any other treatment method</li> <li>3. Because there are no treatment products/filters available in the markets</li> <li>4. Other, please specify</li> <li>5. Don't know</li> </ol>	select one	Out-of-camp HH
	water quality and quantity	HH		Why do you feel the need to treat it?	<ol style="list-style-type: none"> <li>1. It is turbid (unclear with suspended particles)</li> <li>2. It tastes unpleasant</li> <li>3. It smells unpleasant</li> <li>4. Other: _____</li> <li>5. Don't know</li> </ol>	select one	Out-of-camp HH

	water quality and quantity	HH	% of HHs having enough water for drinking, cooking, bathing, washing and other domestic purposes	In the last 30 days, did you and your household members have enough water to meet the following needs? (select all that apply)	<ol style="list-style-type: none"> <li>1. Drinking</li> <li>2. Cooking</li> <li>3. Personal hygiene (washing or bathing)</li> <li>4. Other domestic purposes (cleaning house, floor, etc.)</li> <li>5. None of the previous</li> <li>6. Don't know</li> </ol>	Select multiple	Out-of-camp HH
	water quality and quantity	HH	% of HH (mainly women) consulted prior to design and siting of WASH facilities	Was anyone from your household consulted at the time of design and siting of water facilities?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> <li>3. Don't know</li> </ol>	select one	Out-of-camp HH
	water quality and quantity	HH		If yes, were any female members of your household consulted?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> <li>3. Don't know</li> </ol>	select one	Out-of-camp HH
	water quality and quantity	HH	% HH with access to safe water of good quality	How satisfied is your household with regards to access to water?	<ol style="list-style-type: none"> <li>1. Very satisfied</li> <li>2. Satisfied</li> <li>3. Unsatisfied</li> <li>4. Very unsatisfied</li> <li>5. Don't know</li> </ol>	Select one	Out-of-camp HH
To what extent are the WASH infrastructure and facilities in out-of-camp locations across Iraq adhering to minimum WASH Cluster standards and meeting the needs of the population	Sanitation	KI	% of KI reporting sufficient waste removal services being available	What is the main method of waste disposal in your area of knowledge?	<ol style="list-style-type: none"> <li>1. Collected by municipality</li> <li>2. Collected by NGO</li> <li>3. Collected by private company</li> <li>4. Collected by community initiative</li> <li>5. Communal garbage bin</li> <li>6. Rubbish pit</li> <li>7. Burning</li> <li>8. Throw in street / open space inside residential area</li> <li>9. Throw in street/open space outside residential area</li> <li>10. Burying</li> <li>11. Other</li> <li>12. Don't know</li> </ol>	select one/multiple?	Out-of-camp KI
	Sanitation	KI		If there is municipal waste collection, is this available in your entire area of knowledge?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> <li>3. Don't know</li> </ol>	select one	Out-of-camp KI
	Sanitation	KI		If no, which areas are generally not covered by municipal waste collection?	<ol style="list-style-type: none"> <li>1. Rural areas only</li> <li>2. Rural areas and some neighbourhoods of urban areas</li> <li>3. Rural areas and all urban areas</li> <li>4. Urban areas only</li> <li>5. Other</li> <li>6. Don't know</li> </ol>	select one	Out-of-camp KI

	Sanitation	KI		If no, why not?	<ol style="list-style-type: none"> <li>1. The municipality does not have sufficient workers</li> <li>2. The municipality does not have enough trucks</li> <li>3. There are certain areas that the municipality cannot reach due to the state of the roads</li> <li>4. There are certain areas that the municipality cannot reach due to security concerns</li> <li>5. There are not enough communal containers where people can dispose of their solid waste</li> <li>6. Certain areas are out of the municipality's mandate</li> <li>7. Other, please specify</li> <li>8. Don't know</li> </ol>	Select one	Out-of-camp KI
	Sanitation	KI		Where is waste collected by the municipality brought to?	<ol style="list-style-type: none"> <li>1. To a landfill where it is burned</li> <li>2. To a landfill where it piles up</li> <li>3. To a solid waste processing plant</li> <li>4. To a landfill where it is buried</li> <li>5. Other, please specify</li> <li>6. Don't know</li> </ol>	Select one	Out-of-camp KI
	Sanitation	KI		Do people in your area of knowledge live in areas where stagnant water is frequently visible?	<ol style="list-style-type: none"> <li>1. Nobody (around 0%);</li> <li>2. A few (&lt;25%);</li> <li>3. About half (26 - 50%);</li> <li>4. Most (51 - 75%);</li> <li>5. Everyone (&gt;76%);</li> <li>6. Don't know</li> </ol>	Select one	Out-of-camp KI
	Sanitation	KI	% of KIs reporting HH in their area of knowledge having sufficient gray water and blackwater storage facilities	How do households in your area of knowledge dispose of gray water and blackwater (from toilets)?	<ol style="list-style-type: none"> <li>1. Covered and lined septic tank</li> <li>2. A handdug hole in the ground</li> <li>3. It is connected to a communal lined drainage and to the sewerage</li> <li>4. It drains into the field at the back of their house</li> <li>5. There is no mechanism available</li> <li>6. Other, please specify</li> <li>7. Don't know</li> </ol>	select multiple	Out-of-camp KI
	Sanitation	KI		If relevant, who is providing services to empty septic tanks?	<ol style="list-style-type: none"> <li>1. The government</li> <li>2. The UN</li> <li>3. An NGO</li> <li>4. A private company</li> <li>5. Other, please specify</li> <li>6. No one</li> <li>7. Don't know</li> </ol>	Select multiple	Out-of-camp KI
	Sanitation	KI		If relevant, do households face any barriers in having their septic tanks emptied?	<p>Yes/No/Don't know.</p> <p>If yes:</p> <ol style="list-style-type: none"> <li>1. It is too expensive to have them emptied in time</li> <li>2. There are not enough trucks operating to meet the needs</li> <li>3. The trucks cannot reach certain areas due to bad roads</li> <li>4. Other, please specify</li> </ol>	Select multiple	Out-of-camp KI
	Sanitation	KI					

	Sanitation	KI	% of KIs reporting functional gray water and blackwater treatment infrastructure	Where is gray water and blackwater collected from your area of knowledge taken to?	<ol style="list-style-type: none"> <li>To a government gray water and blackwater treatment plant where it is processed</li> <li>To a private gray water and blackwater treatment plant where it is processed</li> <li>It is dumped</li> <li>Other, please specify</li> <li>Don't know</li> <li>Not applicable, there is no waste water collection</li> </ol>	Select one	Out-of-camp KI
	Sanitation	KI		How many waste water treatment plants are there in your area?	Integer Don't know	Integer	Out-of-camp KI
	Sanitation	KI		If >0, is it fully functional? (per plant, loop)	<ol style="list-style-type: none"> <li>Yes</li> <li>No</li> <li>Don't know</li> </ol>	Select one	Out-of-camp KI
	Sanitation	KI		If no, why not? (per plant, loop)	<ol style="list-style-type: none"> <li>The plant is damaged due to the conflict and does not function at all or not at full capacity</li> <li>The plant is lacking the supplies to adequately process the gray water and blackwater</li> <li>The electricity/fuel supply to the plant is insufficient to operate at full capacity</li> <li>The plant is lacking staff to operate (at full capacity)</li> <li>The WTP is too old/poorly maintained to function properly</li> <li>The capacity of the WTP is not sufficient to serve the whole area</li> <li>Other, please specify</li> <li>Don't know</li> </ol>	Select multiple	Out-of-camp KI
	Sanitation	HH	% HH with access to adequate latrines	What kind of sanitation facility (latrine/toilet) does your household usually use?	<input type="checkbox"/> Flush or pour/flush toilet <input type="checkbox"/> Pit latrine without a slab or platform <input type="checkbox"/> Pit latrine with a slab and platform <input type="checkbox"/> Open hole <input type="checkbox"/> Pit VIP toilet <input type="checkbox"/> Bucket toilet <input type="checkbox"/> Plastic bag <input type="checkbox"/> Hanging toilet/latrine <input type="checkbox"/> None of the above, open defecation <input type="checkbox"/> Other (specify) <input type="checkbox"/> Don't know	Select one	Out-of-camp HH
	Sanitation	HH		(If applicable) Do you share this sanitation facility with other households? If yes, how many households use this sanitation facility (latrine/toilet)?	<ol style="list-style-type: none"> <li><input type="checkbox"/> Yes <input type="checkbox"/> No; <input type="checkbox"/> Don't know</li> <li>If yes, <input type="checkbox"/> # of HH; <input type="checkbox"/> Other (specify); <input type="checkbox"/> Don't know</li> </ol>	Select one	Out-of-camp HH

	Sanitation	HH		If no, who is responsible for maintaining it in your household?	<ol style="list-style-type: none"> <li>1. Women</li> <li>2. Men</li> <li>3. Whoever uses it, cleans it</li> <li>4. No one</li> <li>5. Camp management maintains it</li> <li>Other, specify</li> <li>Don't know</li> <li>Refuse to answer</li> </ol>	select one	Out-of-camp HH
	Sanitation	HH		Are the toilets accessible for people with limited mobility?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> <li>3. Don't know</li> </ol>	select one	Out-of-camp HH
	Sanitation	HH		If yes, who is responsible for maintaining the toilets?	<ol style="list-style-type: none"> <li>1. Whoever uses it, cleans it</li> <li>2. Households take turns in who must clean it</li> <li>3. Money collected to hire community member to clean it</li> <li>4. Money collected to hire someone external to clean it</li> <li>5. No one cleans it</li> <li>6. Don't know</li> <li>7. Refuse to answer</li> </ol>	select one	Out-of-camp HH
	Sanitation	HH		In your opinion, is the toilet sufficiently maintained	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> <li>3. Don't know</li> <li>4. Refuse to answer</li> </ol>		
	Sanitation	HH		Are the toilets accessible for people with limited mobility?	<ol style="list-style-type: none"> <li>1. Yes</li> <li>2. No</li> <li>3. Don't know</li> </ol>	select one	Out-of-camp HH
	Sanitation	HH		Do you have problems related to sanitation facilities (latrines/toilets)? If yes, which ones?	<ol style="list-style-type: none"> <li>1. Lack of sanitation facilities (latrines/toilets)/facilities too crowded</li> <li>2. Sanitation facilities (latrines/toilets) are not functioning or full</li> <li>3. Sanitation facilities are unclean/unhygienic</li> <li>4. Sanitation facilities are not private (no locks/door/walls/lighting/etc)</li> <li>5. Sanitation facilities (latrines/toilets) are not segregated between men and women</li> <li>6. Sanitation facilities (latrines/toilets) are too far</li> <li>7. Sanitation facilities (latrines/toilets) are difficult to reach (especially for people with disabilities)</li> <li>8. Going to sanitation facilities (latrines/toilets) is dangerous</li> <li>9. Some groups (children, women, elderly, ethnic minorities, etc) do not have access to sanitation facilities (latrines/toilets)</li> <li>10. None</li> <li>11. Other, please specify</li> </ol>	select multiple	Out-of-camp HH

	Coping Mechanism/Sanitation	HH	% of HHs engaging in coping mechanisms for lack of access to sanitation - by types of coping mechanism	In the last 7 days, have you or any of your family members had to use one of the following coping strategies to cope with lack of access to sanitation:	<input type="checkbox"/> Rely on less preferred sanitation facilities (latrines/toilets) <input type="checkbox"/> Going to a sanitation facility (latrine/toilet) in a dangerous place <input type="checkbox"/> Defecate in the open <input type="checkbox"/> Other (please list); <input type="checkbox"/> Don't know	Select multiple	Out-of-camp HH	
	Hygiene	HH		Do you have functional handwashing facilities?	1. Yes 2. No	Select one	Out-of-camp HH	
	Hygiene	HH		How long does it take to go to your main handwashing facility, wash hands and return (including queuing)?	1. Handwashing device on premises 2. Less than 5 minutes 3. Between 5 and 15 minutes 4. Between 16 and 30 minutes 5. More than 31 minutes 6. No handwashing facilities available 7. Don't know	Select one	Out-of-camp HH	
	Hygiene	HH		If not on premises, is there soap available at the handwashing facility? (Ask to observe)	1. Yes (saw soap) 2. Yes (but did not see soap) 3. No			
	Observation/Hygiene	HH		If no or answered handwashing on premises: Do you have soap in your household? (Ask to see soap)	1. Yes (saw soap) 2. Yes (but did not see soap) 3. No	Select one	Out-of-camp HH	
	Hygiene	HH		(If applicable) Please tell me the main reason why your household does not have soap?	1. It is unavailable at the local market 2. We prefer a substitute (ex: ash) 3. We are waiting for the next distribution 4. We ran out of soap, but intend to buy it again soon 5. The market is too far 6. We cannot afford it 7. Soap is not necessary 8. I don't like the quality of soap available 9. Other:	Select multiple	Out-of-camp HH	
	Hygiene	HH		% of HH with access to menstrual hygiene material (only for women and girls)	Do the women in you HH have access to menstrual hygiene material?	1. Yes 2. No 3. Don't know	Select one	Out-of-camp HH
	Hygiene	HH			If yes, where do you get it from?	1. Distribution from NGO 2. Distribution from Government 3. Buy it from the market 4. Other	Select one	Out-of-camp HH
	Hygiene	HH		% HH with access to hygiene items	Do you have access to sufficient hygiene items (soap, toothpaste, etc)?	1. Yes 2. No 3. Don't know	Select one	Out-of-camp HH

Hygiene	HH		If yes, where do you get it from?	<ol style="list-style-type: none"> <li>1. Distribution from NGO</li> <li>2. Distribution from Government</li> <li>3. Buy it from the market</li> <li>4. Other</li> </ol>	Select one	Out-of-camp HH
Hygiene	HH	% HH with access to hygiene items	Does your household have problems related to hygiene items (feminine hygiene products, baby diapers, toothpaste/brush)? If yes, which ones?	<ol style="list-style-type: none"> <li>1. No</li> <li>2) If yes, which ones?</li> <li>3. Soap and other hygiene items are too expensive</li> <li>4. Soap and other hygiene items are not available at the market</li> <li>5. The market is too far away</li> <li>6. The market is difficult to reach (especially for people with disabilities)</li> <li>7. Going to the market is dangerous</li> <li>8. Some groups do not have access to the market</li> <li>9. Don't like quality of soap and other hygiene items</li> <li>10. Other (specify)</li> <li>11. Don't know</li> </ol>	Select multiple	Out-of-camp HH
Coping Mechanism/Hygiene	HH	% HH with access to hygiene items	(If applicable) How does your household adapt to issues related to hygiene items?	<ol style="list-style-type: none"> <li>1. Rely on less preferred types of NFI</li> <li>2. Rely on soap substitutes (sand or other rubbing agents for soap, clothing for diapers, etc.)</li> <li>3. Buying NFI at a market place further than the usual one</li> <li>4. Buying NFI at a market place in a dangerous place</li> <li>5. Borrow NFI from a friend or relative</li> <li>6. Spend money (or credit) on NFI that should otherwise be used for other purposes</li> <li>7. Reduce NFI consumption for personal hygiene</li> <li>8. Reduce NFI consumption for other purposes (cleaning dishes, laundry, etc.)</li> <li>9. Other (specify)</li> <li>10. Don't know</li> </ol>	Select multiple	Out-of-camp HH
Hygiene	HH	% HH aware of appropriate hygiene promotion messages	Are you aware of key hygiene practices? When (or at what times) do you usually wash your hands?	<p>Yes/No (if yes)</p> <ol style="list-style-type: none"> <li>1. Critical times to wash hands</li> <li>2. Water handling and storage</li> <li>3. Household Water treatment</li> <li>4. Waste disposal</li> <li>5. Personal and domestic hygiene</li> </ol>	Select multiple	Out-of-camp HH
Coping Mechanism/Hygiene	HH	% of HHs engaging in coping mechanisms for lack of access to hygiene - by types of coping mechanism	In the last 7 days, have you or any of your family members had to use any of the following coping strategies to cope with a lack of access to hygiene?	<ul style="list-style-type: none"> <li><input type="checkbox"/> Rely on less preferred types of NFI (jerrycans, soap, etc.)</li> <li><input type="checkbox"/> Buying NFI (jerrycans, soap, etc.) at a marketplace in a dangerous place</li> <li><input type="checkbox"/> Spend money (or credit) on NFI (jerrycans, soap, etc.) that should otherwise be used for other purposes</li> <li><input type="checkbox"/> Reduce NFI (jerrycans, soap, etc.) consumption for personal hygiene</li> <li><input type="checkbox"/> Other (please list);</li> <li><input type="checkbox"/> Don't know</li> </ul>	select multiple	Out-of-camp HH

	Sanitation	HH	% HH who confine their waste	What is the main method of waste disposal for your household?	<ol style="list-style-type: none"> <li>1. Collected by municipality</li> <li>2. Collected by NGO</li> <li>3. Collected by private company</li> <li>4. Collected by community initiative</li> <li>5. Communal garbage bin</li> <li>6. Rubbish pit</li> <li>7. Burning</li> <li>8. Throw in street / open space inside residential area</li> <li>9. Throw in street/open space outside residential area</li> <li>10. Burying</li> <li>11. Other</li> <li>12. Don't know</li> </ol>	select one	Out-of-camp HH
	Sanitation	HH		If collection is available, how frequently is solid waste collected from your residence?	<ol style="list-style-type: none"> <li>1. Every day</li> <li>2. Twice a week</li> <li>3. Every week</li> <li>4. Every two weeks</li> <li>5. Every month</li> <li>6. Less than once a month</li> <li>7. Don't know</li> </ol>	select one	Out-of-camp HH
	Sanitation	HH	% HH with adequate arrangements for drainage of waste water (grey and black)	Where does waste water from your HH drain into?	<ol style="list-style-type: none"> <li>1. Covered and lined septic tank</li> <li>2. A handdug hole in the ground</li> <li>3. It is connected to a communal lined drainage and to the sewerage</li> <li>4. It drains into the field at the back of their house and remains stagnant</li> <li>5. There is no mechanism available</li> <li>6. Other, please specify</li> <li>7. Don't know</li> </ol>	select one	Out-of-camp HH
	Sanitation	HH		If relevant, does your HH face any barriers in having your septic tank emptied?	<p>Yes/No/Don't know.</p> <p>If yes:</p> <ol style="list-style-type: none"> <li>1. It is too expensive to have them emptied in time</li> <li>2. There are not enough trucks operating to meet the needs</li> <li>3. The trucks cannot reach certain areas due to bad roads</li> <li>4. Other, please specify</li> </ol>	Select multiple	Out-of-camp HH
	Sanitation	HH		If yes, what are the consequences?	<ol style="list-style-type: none"> <li>1. The tank sometimes overflows</li> <li>2. The tank often overflows</li> <li>3. We have to use different sanitation facilities until we can empty the tank</li> <li>4. Other, please specify</li> <li>5. Don't know</li> </ol>	Select multiple	Out-of-camp HH

Sanitation	HH		How often was there visible wastewater in the vicinity (30 meters or less) of your accommodation in the last 30 days?	1. Never visible 2. Sometimes visible 3. Frequently visible 4. Always visible 5. Don't know	Select one	Out-of-camp HH
Sanitation	HH	% of HH facing environmental sanitation problems	In the last 30 days, was the following visible in the vicinity of your accommodation (30 meters or less) - <b>Solid waste or trash</b>	1. Never visible 2. Sometimes visible 3. Always visible	Select one	Out-of-camp HH
Sanitation	HH		In the last 30 days, was the following visible in the vicinity of your accommodation (30 meters or less) - <b>Human excreta/feaces</b>	1. Never visible 2. Sometimes visible 3. Always visible	Select one	Out-of-camp HH
Sanitation	HH		In the last 30 days, was the following visible in the vicinity of your accommodation (30 meters or less) - <b>Dead animals</b>	1. Never visible 2. Sometimes visible 3. Always visible	Select one	Out-of-camp HH
Sanitation	HH		In the last 30 days, was the following visible in the vicinity of your accommodation (30 meters or less) - <b>Rodents</b>	1. Never visible 2. Sometimes visible 3. Always visible	Select one	Out-of-camp HH
Sanitation	HH		In the last 30 days, was the following visible in the vicinity of your accommodation (30 meters or less) - <b>Stagnant water</b>	1. Never visible 2. Sometimes visible 3. Always visible	Select one	Out-of-camp HH
Sanitation	HH		Has any of your household members suffered from diarrhoea, cholera, skin/eye infections in the last two weeks?	1. Yes 2. No 3. Don't know	Select one	Out-of-camp HH
Sanitation	HH	% of the HH members who were reported to have suffered from diarrhoea, cholera and/or skin/eye infection in the past two weeks	If yes, how many of your household members (including you) suffered from diarrhoea in the last 2 weeks.	Integer	Integer	Out-of-camp HH
Sanitation	HH		If yes, how many of these HH members were under the age of 16?	Integer	Integer	Out-of-camp HH

	Sanitation	HH		If yes, how many of your household members (including you) suffered from acute watery diarrhoea/cholera in the last 2 weeks.	Integer	Integer	Out-of-camp HH
	Sanitation	HH		If yes, how many of these HH members were under the age of 16?	Integer	Integer	Out-of-camp HH
	Sanitation	HH		If yes, how many of your household members (including you) suffered from skin/eye infection in the last 2 weeks.	Integer	Integer	Out-of-camp HH
	All	HH	% of HH by preferred type of interventions	If your household were to receive support to address your concerns, what would you prefer?	<input type="checkbox"/> Cash for buying water items (containers, water treatment, etc.) or buying water <input type="checkbox"/> Direct provision/distribution of water items (containers, water treatment, etc.) <input type="checkbox"/> Direct provision of water (water trucking) <input type="checkbox"/> Construction/rehabilitation of water points <input type="checkbox"/> Advice on construction/rehabilitation of water points <input type="checkbox"/> Advise on water treatment <input type="checkbox"/> Cash to build or improve sanitation facilities (toilets/latrines) <input type="checkbox"/> Direct construction or rehabilitation of sanitation facilities toilets/latrines <input type="checkbox"/> Advice on construction/rehabilitation of sanitation facilities (toilets/latrines) <input type="checkbox"/> Cash for buying hygiene items (soap, diapers, pad, toothbrush, toothpaste, etc.) <input type="checkbox"/> Direct provision of hygiene items (soap, diapers, pad, toothbrush, toothpaste, etc.) <input type="checkbox"/> Advice on personal hygiene <input type="checkbox"/> Other (specify); <input type="checkbox"/> Don't know;	Select multiple	Out-of-camp HH
<b>BOTH IN AND OUT-OF-CAMP</b>							
To what extent are the WASH infrastructure and facilities in camps across Iraq adhering to the minimum WASH Cluster standards and meeting the needs of the population  AND To what extent are the WASH	Schools (location)	KI	Enumerator Info	What is the date?	Date	Select date	KI in-camp and out-of-camp
	Schools (location)	KI		Which governorate are you in?	All governorates	Select one	KI in-camp and out-of-camp
	Schools (location)	KI		Which district are you in?	All districts	Select one	KI in-camp and out-of-camp

infrastructure and facilities in out-of-camp locations across Iraq adhering to minimum WASH Cluster standards and meeting the needs of the population	Schools (location)	KI		Which sub-district are you in?	All sub-districts	Select one	KI in-camp and out-of-camp
	Schools (KI details)/ Observation, not asked	KI	Personal information	What is your gender?	1. Male 2. Female	Select one	KI in-camp and out-of-camp
	Schools (KI details)	KI		What is your role at the school?	1. School manager/director 2. Teacher 3. Maintenance worker/concierge 4. Other, please specify 5. Prefer not to say	Select one	KI in-camp and out-of-camp
	Schools (type)	KI	Basic information on type of school	What is the name of this school	integer	integer	KI in-camp and out-of-camp
	Schools (type)	KI		What type of education levels are taught at this school? (select all levels that apply)	1. Primary school 2. Middle school 3. High school 4. College (post-high school education) 5. Other, please specify	Select multiple	KI in-camp and out-of-camp
	Schools (type)	KI		What type of students come to this school (boys/girls)?	1. Boys only 2. Girls only 3. Boys and girls mixed 4. Both boys and girls, but in separate shifts 5. Other, please specify	Select one	KI in-camp and out-of-camp
	Schools (type)	KI		What type of school is this (public/private)	1. Public school 2. Private school	Select one	KI in-camp and out-of-camp
	Schools (type)	KI		How many students go to this school per shift (so will have to possibly use the toilet at the same time)?	#	Number	KI in-camp and out-of-camp

	Schools/Drinking water	KI	Proportion of schools (including pre-primary, primary and secondary) with drinking water from an improved water source available at the school.	What is the main source of drinking water provided by the school? (check one - most frequently used)	No water source <b>Improved:</b> Piped water into compound Piped water connected to public tap Borehole Protected well Protected rainwater tank Protected spring Bottled water <b>Unimproved:</b> Water Trucking Illegal connection to piped network Unprotected rainwater tank Unprotected well Unprotected spring Surface water without pre-treatment (river, dam, lake, pond, stream, canal) Other	Select one	KI in-camp and out-of-camp
	Schools/Drinking water	KI		Is drinking water from the main source currently available at the school?	Yes No	Select one	KI in-camp and out-of-camp
	Schools/Drinking water	KI		In the previous two weeks, was drinking water from the main source available at the school throughout each school day?	Yes No	Select one	KI in-camp and out-of-camp
	Schools/Drinking water	KI		Is drinking water from the main source typically available throughout the school year?	Yes (always) Mostly (unavailable < 30 days total) No (unavailable > 30 days total)	Select one	KI in-camp and out-of-camp
	Schools/Drinking water	KI		Is the quality of the water acceptable to its users?	Yes No	Select one	KI in-camp and out-of-camp
	Schools/Drinking water	KI		If not, why?	Water is turbid (unclear with suspended particles) Water smells unpleasant Water tastes unpleasant	Select multiple	KI in-camp and out-of-camp
	Schools/Drinking water	KI		Does the school do anything to the water from the main source to make it safe to drink?	Yes No	Select one	KI in-camp and out-of-camp
	Schools/Drinking water	KI		If yes, what treatment method is used?	Filtration Boiling Chlorination Other, please specify	Select multiple	KI in-camp and out-of-camp

Schools/Sanitation	KI	Proportion of schools (including pre-primary, primary and secondary) with improved sanitation facilities at the school, which are single-sex and usable	What type of student toilets/latrines are at the school? (check one - most common)	Flush/Pour-flush toilets Pit latrines with slab Composting toilets Pit latrines without slab Hanging latrines Bucket latrines No toilets or latrines Other, please specify	Select one	KI in-camp and out-of-camp
Schools/Sanitation	KI		How many student toilets / latrines are currently usable (available, functional, private)? (insert number of holes / seats / stances)	#	number	KI in-camp and out-of-camp
Schools/Sanitation	KI		Are the toilets/latrines separate for girls and boys?	Yes No No, but boys and girls have shifts at different times.	Select one	KI in-camp and out-of-camp
Schools/Sanitation	KI		Are water and soap available in a private space for girls to manage menstrual hygiene?	Yes, water and soap Water, but no soap No water	Select one	KI in-camp and out-of-camp
Schools/Sanitation	KI		Are there covered bins for disposal of menstrual hygiene materials in girls' toilets?	Yes No	Select one	KI in-camp and out-of-camp
Schools/Sanitation	KI		How many times per week are the student toilets cleaned?	At least once per day 2 - 4 days/week Once per week Less than once per week	Select one	KI in-camp and out-of-camp
Schools/Sanitation	KI		In general, how clean are the student toilets?	Clean Somewhat clean Not clean	Select one	KI in-camp and out-of-camp
Schools/Sanitation	KI		Is there at least one usable toilet/latrine that is accessible to the smallest children at the school? (Only if primary school)	Yes No	Select one	KI in-camp and out-of-camp
Schools/Sanitation	KI		Is there at least one usable toilet/latrine that is accessible to those with limited mobility or vision?	Yes No	Select one	KI in-camp and out-of-camp
Schools/Sanitation	KI		Where are the student toilets located?	Within school building Outside building, but on-premises Off-premises	Select one	KI in-camp and out-of-camp
Schools/Sanitation	KI		Is there currently functional lighting in the student toilets?	All toilets Some toilets None	Select one	KI in-camp and out-of-camp

	Schools/Sanitation	KI		Are latrines or septic tanks emptied (or latrines safely covered) when they fill up?	Yes No	Select one	KI in-camp and out-of-camp
	Schools/Hygiene	KI	Proportion of schools (including pre-primary, primary and secondary) with handwashing facilities, which have soap and water available	Are there handwashing facilities at the school?	Yes No	Select one	KI in-camp and out-of-camp
	Schools/Hygiene	KI		Are both soap and water currently available at the handwashing facilities?	Yes, water and soap Water only Soap only Neither water or soap	Select one	KI in-camp and out-of-camp
	Schools/Hygiene	KI		Are there handwashing facilities accessible to those with limited mobility or vision?	Yes No	Select one	KI in-camp and out-of-camp
	Schools/Hygiene	KI		Are there handwashing facilities accessible to the smallest children at the school?	Yes No	Select one	KI in-camp and out-of-camp
	Schools/Hygiene	KI		Where are handwashing facilities with water and soap located at the school? (mark all that apply)	Toilets Food preparation area Food consumption area Classroom School yard Other, please specify	Select multiple	KI in-camp and out-of-camp
	Schools/Hygiene	KI		How many handwashing facilities with water and soap are located at the school? (insert number of taps)	#taps	integer/number	KI in-camp and out-of-camp
	Schools/Hygiene	KI		Which of the following provisions for menstrual hygiene management (MHM) are available at the school?	Bathing areas MHM materials (e.g. pads) MHM education	Select multiple	KI in-camp and out-of-camp
	Schools/Hygiene	KI		How is solid waste (garbage) from the school disposed of?	Collected by municipality waste system Burned on premises Buried and covered on premises Openly dumped on premises	Select multiple	KI in-camp and out-of-camp
To what extent are the WASH infrastructure and facilities in camps across Iraq adhering to the minimum WASH Cluster standards and meeting the needs of the population	Healthcare facilities (location)	KI		Enumerator Info	What is the date?	Date	Select date
AND	Healthcare facilities (location)	KI	Which governorate are you in?		All governorates	Select one	KI in-camp and out-of-camp
To what extent are the WASH	Healthcare facilities (location)	KI	Which district are you in?		All districts	Select one	KI in-camp and out-of-camp

infrastructure and facilities in out-of-camp locations across Iraq adhering to minimum WASH Cluster standards and meeting the needs of the population	Healthcare facilities (location)	KI		Which sub-district are you in?	All sub-districts	Select one	KI in-camp and out-of-camp
	Healthcare facilities (KI details)	KI	Personal information	What is your gender?	1. Male 2. Female	Select one	KI in-camp and out-of-camp
	Healthcare facilities (KI details)	KI		What is your role at this health care facility?	1. Doctor 2. Nurse 3. Engineer/Maintenance general 4. Engineer/Maintenance for WASH specifically 5. Manager of health facility 6. Other, please specify 7. Prefer not to say	Select one	KI in-camp and out-of-camp
	Healthcare facilities (type)	KI	Basic information on type of school	What is the name of this health facility?	integer	integer	KI in-camp and out-of-camp
	Healthcare facilities (type)	KI		What type of education levels are treatment is available in the facility? (select all levels that apply)	1. Basic first aid 2. Treatment of chronic diseases 3. Surgery 4. Maternity care 5. Other, please specify	Select multiple	KI in-camp and out-of-camp
	Healthcare facilities (type)	KI		What is the condition of the facility?	1. Building without damage. 2. Building with some damage. 3. Caravans or comparable that stay in one place. 4. Mobile facility (truck, caravan) 5. Other, please specify	Select one	KI in-camp and out-of-camp
	Healthcare facilities (type)	KI		How many patients can this facility host at the same time?	#	Number	KI in-camp and out-of-camp
	Healthcare facilities/Drinking water	KI	Proportion of health care facilities where the main source of water is an improved source, located on premises, from which water is available.	What is the main water supply for the facility?	Piped supply inside the building (if yes, skip to Q X) Piped supply outside the building Tube well/borehole Protected dug well Unprotected dug well Protected spring unprotected spring Rain water Tanker truck Surface water (river/dam/pond) Don't know No water source	Select one	KI in-camp and out-of-camp
	Healthcare facilities/Drinking water	KI		Where is the main water supply for the facility located?	On premises Up to 500 m 500m or further	Select one	KI in-camp and out-of-camp

Healthcare facilities/Drinking water	KI		Is water available from the main water supply at the time of the survey?	Yes No	Select one	KI in-camp and out-of-camp
Healthcare facilities/Sanitation	KI	Proportion of health care facilities with improved and usable sanitation facilities, with at least one toilet dedicated for staff, at least one sex-separated toilet with menstrual hygiene facilities, and at least one toilet accessible for users with limited mobility.	What type of toilets/latrines are at the facility for patients?	Flush/Pour-flush toilet to sewer connection Flush/Pour-flush toilet to tank or pit Pit latrines with slab Composting toilets Flush/Pour-flush toilet to open drain Pit latrines without slab Hanging latrines Bucket latrines No toilets or latrines Other, please specify	Select one	KI in-camp and out-of-camp
Healthcare facilities/Sanitation	KI		Is at least one toilet usable (available, functional, private)?	Yes No	Select one	KI in-camp and out-of-camp
Healthcare facilities/Sanitation	KI		Are there toilets that are dedicated for staff?	Yes No	Select one	KI in-camp and out-of-camp
Healthcare facilities/Sanitation	KI		Are there toilets that are in sex-segregated or gender-neutral rooms?	Yes No	Select one	KI in-camp and out-of-camp
Healthcare facilities/Sanitation	KI		Are there toilets that have menstrual hygiene facilities?	Yes No	Select one	KI in-camp and out-of-camp
Healthcare facilities/Sanitation	KI		Are there toilets that are accessible for people with limited mobility?	Yes No	Select one	KI in-camp and out-of-camp
Healthcare facilities/Hygiene	KI		Proportion of health care facilities with functional hand hygiene facilities available at one or more points of care and within 5 metres of toilets	Is there a functional hand hygiene facility at points of care on the day of the survey?	1. Yes 2. No, there are hand hygiene facilities at points of care but not functional, or lacking soap and water or alcohol-based hand rub. 3. No, no hand hygiene facilities at point 4. No, no hand hygiene facilities at the health care facility	Select one
Healthcare facilities/Hygiene	KI	Is there a functional handwashing facility at one or more toilets on the day of the survey?		1. Yes 2. No, there are handwashing facilities near the toilets but lacking soap 3. No, no handwashing facilities near toilets (within 5 meter)	Select one	KI in-camp and out-of-camp
Healthcare facilities/Waste Management	KI	Proportion of health care facilities where waste is safely segregated in consultation areas and sharps and infectious	Is waste correctly segregated into at least three labelled bins in the consultation area?	Yes, waste is segregated into at least three labelled bins. No, bins are present but do not meet all requirements or waste is not correctly segregated No, bins are not present	Select one	KI in-camp and out-of-camp

	Healthcare facilities/Waste Management	KI	wastes are treated and disposed of safely	How does this facility usually treat/ dispose of infectious waste?	Autoclaved Incinerated (two chamber, 850-1000 °C incinerator) Incinerated (other) Burning in a protected pit Not treated, but buried in lined, protected pit Not treated, but collected for medical waste disposal off-site Open dumping without treatment Open burning Not treated and added to general waste Other (specify)	Select one	KI in-camp and out-of-camp
	Healthcare facilities/Waste Management	KI		How does this facility usually treat/ dispose of sharps waste?	Autoclaved Incinerated (two chamber, 850-1000 °C incinerator) Incinerated (other) Burning in a protected pit Not treated, but buried in lined, protected pit Not treated, but collected for medical waste disposal off-site Open dumping without treatment Open burning Not treated and added to general waste Other (specify)	Select one	KI in-camp and out-of-camp
	Healthcare facilities/Environmental cleaning practices	KI	Proportion of health care facilities which have protocols for cleaning, and staff with cleaning responsibilities have all received training on cleaning procedures.	Are cleaning protocols available?	Yes No	Select one	KI in-camp and out-of-camp
	Healthcare facilities/Environmental cleaning practices	KI		Have all staff responsible for cleaning received training?	Yes, all have been trained No, some but not all have been trained No, none have been trained No, there are no staff responsible for cleaning	Select one	KI in-camp and out-of-camp
<b>FLOODS AND DROUGHTS</b>							
Which areas of Iraq have seen a decrease in surface water and/or an increase in frequency or intensity of droughts and floods, and what are their causes and consequences?	Floods/where	KI	% of KIs reporting that their camp has been affected by flooding	Have areas of the camp been flooded in the last 12 months?	1. Yes 2. No 3. Don't know	Select one	In-camp KI
	Floods/where	KI		If yes, on average how long does it take for the flooding water to disappear after the rain stops?	A few hours 1 day 2-3 days 4-7 days > 7 days Other	Select one	In-camp KI

	Floods/Consequences	KI		If yes, what have been the consequences of flooding?	Shelter damaged Shelter completely destroyed Children could not get to school Mobility of adults affected Electricity services negatively affected Water services negatively affected Affected livelihoods due to damage to agricultural land People getting sick (water borne diseases) Loss/damage to households' items Prefer not to say Other, please specify	Select multiple	In-camp KI
	Floods/Causes	KI		If yes, what do you think is the reason for these floodings?	Poor drainage systems in camp Water sewage system overflows Water not being able to flow away due to lack of waterway capacity (rivers) Dams or dikes breaking Water not being able to flow away due to dry soil Water not being able to flow away due to increased building of shelters Water not being able to flow away due to deforestation Severe precipitation Other, please specify Don't know	Select multiple	In-camp KI
	Floods/Consequences	KI		Since your arrival, has the camp been flooded more than once? If yes, has contingency planning improved in your opinion?	Yes No Don't know If yes: No improvement Some improvement A lot of improvement Don't know Decline to answer	Select one	In-camp KI
				(if some or a lot of improvement) what has improved?	Stronger shelters build Better drainage system build Waterways for rainwater widened Improved winterization packages Other, please specify Don't know	Select multiple	In-camp KI
	Droughts/Where	KI	% of KIs reporting that their camp has been affected by drought	In the last 12 months, has your camp experienced an extreme period of drought (longer or hotter than usual)	Yes No Don't know	Select one	In-camp KI

	Droughts/Causes	KI		What do you think is the reason for these droughts?	<ul style="list-style-type: none"> <li>Longer periods of time without rain</li> <li>River dries up quicker</li> <li>Less groundwater available</li> <li>Population growth increased the demand of water</li> <li>Poor irrigation systems</li> <li>Poor water management</li> <li>Other, please specify</li> <li>Don't know</li> </ul>	Select multiple	In-camp KI
	Droughts/Consequences	KI		What have been the consequences of drought for camp residents?	<ul style="list-style-type: none"> <li>Lack of drinking water available</li> <li>Lack of water for other purposes than drinking</li> <li>Salinization of water</li> <li>Not enough water to meet the water needs of crops</li> <li>Negative effect on livelihood opportunities for camp residents</li> <li>Prices of food and water increase</li> <li>Not enough food available</li> <li>Electricity services negatively affected</li> <li>Cause of diseases (i.e. cholera)</li> <li>Wildfire in camp surroundings</li> <li>Displacement of camp residents</li> <li>Nothing</li> <li>Other, please specify</li> <li>Don't know</li> </ul>	Select multiple	In-camp KI
	Droughts/Consequences	KI		In your opinion, has contingency planning for droughts improved since this camp was build?	<ul style="list-style-type: none"> <li>Yes</li> <li>No</li> <li>Don't know</li> <li>If yes:                             <ul style="list-style-type: none"> <li>No improvement</li> <li>Some improvement</li> <li>A lot of improvement</li> </ul> </li> <li>Don't know</li> <li>Decline to answer</li> </ul>	Select one	In-camp KI
	Floods/Where	HH	%HH reporting their daily activities were affected by floods in the past 12 months	In the last 12 months, has your camp seen floods?	<ul style="list-style-type: none"> <li>Yes</li> <li>No</li> <li>Don't know</li> </ul>	Select one	In-Camp HH
	Floods/Consequences	HH		Has your shelter been affected by these floods?	<ul style="list-style-type: none"> <li>Yes</li> <li>No</li> </ul>	Select one	In-Camp HH
	Floods/Consequences	HH		If yes, how has your shelter been affected	<ul style="list-style-type: none"> <li>Damage to shelter</li> <li>Shelter completely destroyed</li> <li>Shelter leaking</li> <li>Shelter flooded</li> <li>Prefer not to say</li> <li>Other, please specify</li> </ul>	Select multiple	In-Camp HH
	Floods/Consequences	HH		Have your daily activities been affected by these floods?	<ul style="list-style-type: none"> <li>Yes</li> <li>No</li> <li>Prefer not to say</li> </ul>	Select one	In-Camp HH

	Floods/Consequences	HH		If yes, how were your daily activities affected?	Children could not get to school Mobility of adults affected Electricity services negatively affected Water services negatively affected Affected livelihoods due to damage to agricultural land People getting sick Loss/damage to households' items Prefer not to say Other, please specify	Select multiple	In-Camp HH
	Floods/Consequences	HH		On average how long does it take for the flooding water to disappear after the rain stops?	A few hours 1 day 2-3 days 4-7 days > 7 days Other	Select one	In-Camp HH
	Floods/Causes	HH		What do you think is the reason for these floodings?	Poor drainage systems Water sewage system overflows Water not being able to flow away due to lack of waterway capacity (rivers) Dams or dikes breaking Water not being able to flow away due to dry soil Water not being able to flow away due to increased building of shelters Water not being able to flow away due to deforestation Severe precipitation Other, please specify Don't know	Select multiple	In-Camp HH
	Floods/where	HH		In the last 12 months, has the camp seen floods more than once?	Yes No Don't know	Select one	In-Camp HH
	Floods/Consequences	HH		If yes, how have you made sure your household was better prepared in case flooding would again take place.	Nothing Strengthened my shelter Moved to a different location Better drainage systems in place in the camp Better drainage system build ourselves around the tent Other, please specify	Select multiple	In-Camp HH
	Droughts/Where	HH	% HH reporting droughts affecting their camp	In the last 12 months, has your camp experienced an extreme period of drought (longer or hotter than usual)	Yes No Don't know	Select one	In-Camp HH
	Droughts/Consequences	HH		If yes, have your daily activities been affected by these droughts?	Yes No Prefer not to say	Select one	In-Camp HH

	Droughts/Consequences	HH		What have been the consequences of drought for camp residents?	Lack of drinking water available Lack of water for other purposes than drinking Salinization of water Not enough water to meet the water needs of crops Negative effect on livelihood opportunities for camp residents Prices of food and water increase Not enough food available Electricity services negatively affected Cause of diseases (i.e. cholera) Wildfire in camp surroundings Displacement of camp residents Nothing Other, please specify Don't know	Select multiple	In-Camp HH
	Droughts/Causes	HH		What do you think is the reason for these droughts?	Longer periods of time without rain River dries up quicker Less groundwater available Population growth increased the demand of water Poor irrigation systems Poor water management Other, please specify Don't know	Select multiple	In-Camp HH
	Droughts/Consequences	HH		In your opinion, has contingency planning for droughts improved since this camp was build?	Yes No Don't know If yes: No improvement Some improvement A lot of improvement Don't know Decline to answer	Select one	In-Camp HH
	Droughts/Consequences	HH		If yes, how has planning improved?	Nothing Better water storage system in place Better irrigation systems Generators Better water purification systems Other, please specify	Select multiple	In-Camp HH
	Droughts/Where	KI	% of KIs reporting droughts affecting their area of knowledge	Over the last 12 months, has this subdistrict experiences a extreme droughts (hotter or longer than usual)	Yes No Don't know	select one	Out-of-camp KI

	Droughts/Consequences	KI		If yes, what are the consequences of droughts on livelihoods?	<ol style="list-style-type: none"> <li>1. Income from farming goes down a little</li> <li>2. Income from farming goes down a lot</li> <li>3. The price of basic goods goes up, but all items remain available</li> <li>4. The price of basic goods goes up, and some items become unavailable</li> <li>5. The price of basic goods goes up, and many items, including essential ones, become unavailable</li> <li>6. All sectors of employment are negatively affected, not only agriculture</li> <li>7. People displace from the area due to a lack of livelihoods</li> <li>8. Lack of drinking water available</li> <li>9. Price of drinking water goes up</li> <li>10. Salinization of water</li> <li>11. Causes diseases</li> <li>12. Wildfires become more frequent</li> <li>13. Nothing</li> <li>14. Other, please specify</li> <li>15. Don't know</li> </ol>	select multiple	Out-of-camp KI
	Droughts/Causes	KI		What do you think is causing these droughts?	<ol style="list-style-type: none"> <li>1. Lack of precipitation</li> <li>2. Lack of water inflow from main waterways</li> <li>3. Poor water management</li> <li>4. Poor irrigation</li> <li>5. Deforestation</li> <li>6. Increase in temperature</li> <li>7. Other, please specify</li> <li>8. Don't know</li> </ol>	select multiple	Out-of-camp KI
	Floods/Where	KI	% of KIs reporting floods affecting their area of knowledge	In the last 12 months, have farmland or inhabited areas in your area of knowledge been flooded?	<ol style="list-style-type: none"> <li>Yes</li> <li>No</li> <li>Don't know</li> </ol>	select one	Out-of-camp KI

	Floods/Consequences	KI		What are the consequences of floods on livelihoods?	<ol style="list-style-type: none"> <li>1. Income from farming goes down a little</li> <li>2. Income from farming goes down a lot</li> <li>3. Residents struggle to cover their cost of living</li> <li>4. The price of basic goods goes up, but all items remain available</li> <li>5. The price of basic goods goes up, and some items become unavailable</li> <li>6. The price of basic goods goes up, and many items, including essential ones, become unavailable</li> <li>7. All sectors of employment are negatively affected, not only agriculture</li> <li>8. People displaced from the area due to a lack of livelihoods</li> <li>9. Housing and infrastructure gets damaged and people do not have sufficient funds to repair it</li> <li>10. Waterborne diseases become common</li> <li>10. Nothing</li> <li>11. Other, please specify</li> <li>10. Don't know</li> </ol>	select multiple	Out-of-camp KI
	Floods/Causes	KI		What do you think is causing these floods?	<ol style="list-style-type: none"> <li>1. Poor drainage systems</li> <li>2. Water sewage system overflows</li> <li>3. Water not being able to flow away due to lack of waterway capacity (rivers)</li> <li>4. Dams or dikes breaking</li> <li>5. Water not being able to flow away due to dry soil</li> <li>6. Water not being able to flow away due to increased building of shelters</li> <li>7. Water not being able to flow away due to deforestation</li> <li>8. Overflowing waterways</li> <li>9. Urbanisation made it harder for water to flow away</li> <li>10. Severe precipitation</li> <li>11. Other, please specify</li> <li>12. Don't know</li> </ol>	select multiple	Out-of-camp KI
	Floods/where	HH	%HH reporting they were affected by floods in the past 12 months	In the last 12 months, have you seen floods in your community area?	Yes No Don't know	Select one	Out-of-camp HH
	Floods/Consequences	HH		Have your daily activities been affected by these floods?	Yes No Prefer not to say	Select one	Out-of-camp HH

	Floods/Consequences	HH		If yes, what have been the consequences of flooding?	Shelter damaged Shelter completely destroyed Children could not get to school Mobility of adults affected Electricity services negatively affected Water services negatively affected Affected livelihoods due to damage to agricultural land People getting sick Loss/damage to households' items Prefer not to say Other, please specify	Select multiple	Out-of-camp HH
	Floods/Consequences	HH		On average how long does it take for the flooding water to disappear after the rain stops?	A few hours 1 day 2-3 days 4-7 days > 7 days Other	Select one	Out-of-camp HH
	Floods/Causes	HH		What do you think is the reason for these floodings?	Poor drainage systems Water sewage system overflows Water not being able to flow away due to lack of waterway capacity (rivers) Dams or dikes breaking Water not being able to flow away due to dry soil Water not being able to flow away due to increased building of shelters Water not being able to flow away due to deforestation Severe precipitation Other, please specify Don't know	Select multiple	Out-of-camp HH
	Floods/Consequences	HH		In the last 12 months, has your living area seen floods more than once?	Yes No Don't know	Select one	Out-of-camp HH
	Floods/Consequences	HH		If yes, how have you made sure your household was better prepared in case flooding would again take place.	Nothing Strengthened my shelter Moved to a different location Better drainage systems in place Other, please specify	Select multiple	Out-of-camp HH
	Droughts/Where	HH	%HH reporting they were affected by droughts in the past 12 months	In the last 12 months, has your community area experienced an extreme period of drought (longer or hotter than usual)	Yes No Don't know	Select one	Out-of-camp HH

	Droughts/Consequences	HH		Have your daily activities been affected by these droughts?	Yes No Prefer not to say	Select one	Out-of-camp HH
	Droughts/Consequences	HH		What have been the consequences of the drought?	Lack of drinking water available Lack of water for other purposes than drinking Salinization of water Not enough water to meet the water needs of crops Electricity services negatively affected Negative effect on livelihood opportunities for camp residents Prices of food and water increase Not enough food available Mobility of elderly negatively affected due to heat Cause of diseases (i.e. cholera) Wildfire in camp surroundings Displacement of camp residents Nothing Other, please specify Don't know	Select multiple	Out-of-camp HH
	Droughts/Causes	HH		What do you think is the reason for these droughts?	Longer periods of time without rain River dries up quicker Population growth increased the demand of water Poor irrigation systems Other, please specify Don't know	Select multiple	Out-of-camp HH
	Droughts/Consequences	HH		Has your households contingency planning for droughts improved in the last 5 years?	Yes No Don't know	Select one	Out-of-camp HH
	Droughts/Consequences	HH		If yes, how have you made sure your household is better prepared in case droughts would again take place.	Nothing Better water storage system in place Better irrigation systems Generators Other, please specify	Select multiple	Out-of-camp HH

## 6. Data Management Plan

Detailed Data Management Plan in available upon request

## 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
		# 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
	Number of individuals accessing IMPACT services/products	# of page clicks on x product from REACH global newsletter	Country request to HQ		<input type="checkbox"/> 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	# of references in HPC documents (HNO, SRP, Flash appeals, Cluster/sector strategies)	Country team	Reference_log	Iraq HNO 2020
		# references in single agency documents			WASH Cluster Strategy 2020
Humanitarian stakeholders are using IMPACT products	Humanitarian actors use IMPACT evidence/products as a basis for decision making, aid planning and delivery	Perceived relevance of IMPACT country-programs	Country team	Usage_Feedback and Usage_Survey template	N/A
		Perceived usefulness and influence of IMPACT outputs			N/A
		Recommendations to strengthen IMPACT programs			
		Perceived capacity of IMPACT staff			
		Perceived quality of outputs/programs			
	Number of humanitarian documents (HNO, HRP, cluster/agency strategic plans, etc.) directly informed by IMPACT products	Recommendations to strengthen IMPACT programs			

<b>Humanitarian stakeholders are engaged in IMPACT programs throughout the research cycle</b>	Number and/or percentage of humanitarian organizations directly contributing to IMPACT programs ( <i>providing resources, participating to presentations, etc.</i> )	# of organisations providing resources (i.e. staff, vehicles, meeting space, budget, etc.) for activity implementation	Country team	Engagement_log	X Yes
		# of organisations/clusters inputting in research design and joint analysis			X Yes
		# of organisations/clusters attending briefings on findings;			X Yes