

# Research Terms of Reference

UNICEF Camps & Sites WASH Assessment for HNO 2019

SYR1907

Whole of Syria (IDP camps and sites)

August 2019  
V2

**REACH** Informing  
more effective  
humanitarian action

## 1. Executive Summary

<b>Country of intervention</b>	Syrian Arab Republic		
<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>	UNICEF		
<b>Project Code</b>	16iAJX 2F2		
<b>Overall Research Timeframe</b> (from research design to final outputs / M&E)	16/06/2019 to 15/01/2020		
<b>Research Timeframe</b> Add planned deadlines (for first cycle if more than 1)	1. Start collect data: 01/07/2019	4. Data sent for validation: 14/08/2019 <sup>1</sup>	
	2. Data collected: 31/07/2019	5. Outputs sent for validation: 30/09/2019 <sup>2</sup>	
	3. Data analysed: 11/08/2019	6. Outputs published: 15/10/2019	
<b>Number of assessments</b>	<input checked="" type="checkbox"/> Single assessment (one cycle) <input type="checkbox"/> Multi assessment (more than one cycle) <i>[Describe here the frequency of the cycle]</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 checked="" type="checkbox"/> Inter-cluster plan/strategy	20/08/2019	
	<input type="checkbox"/> Cluster plan/strategy	_ _ / _ _ / _ _ _ _	
	<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 type="checkbox"/> General Product Mailing (e.g. mail to NGO consortium; HCT participants; Donors)	
	<input type="checkbox"/> Programmatic	<input type="checkbox"/> Cluster Mailing (Education, Shelter and WASH) and presentation of findings at next cluster meeting <sup>3</sup>	
	<input type="checkbox"/> Operational	<input checked="" type="checkbox"/> Presentation of findings (e.g. at HCT meeting; Cluster meeting)	
	<input type="checkbox"/> [Other, Specify]	<input checked="" type="checkbox"/> Website Dissemination (Relief Web & REACH Resource Centre) <sup>4</sup>	

<sup>1</sup> Needs to be validated by 18/08/2019

<sup>2</sup> Factsheets do not need to be completed prior to HNO deadline

<sup>3</sup> Dissemination will not be done by REACH, but UNICEF may choose to make the data available to the cluster.

<sup>4</sup> Only the factsheet will be disseminated by REACH

		<input type="checkbox"/> [Other, Specify]
<b>Detailed dissemination plan required</b>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<b>General Objective</b>	Contributing to the 2020 Humanitarian Needs Overview (HNO) for Whole of Syria by gathering data on the WASH needs and conditions in IDP camps and collective centres <sup>5</sup> , as well as by assisting in compiling and analysing data gathered by other WASH cluster partners. <sup>6</sup>	
<b>Specific Objective(s)</b>	<ol style="list-style-type: none"> <li>1. Understand current WASH conditions in IDP camps and collective centres in areas of NW and NE Syria that are under opposition influence and accessible to enumerators;</li> <li>2. Identify priority WASH needs for IDPs in camps and sites in the aforementioned areas.</li> <li>3. Inform the 2020 HNO, through the preparation of key statistics.</li> </ol>	
<b>Research Questions</b>	<ol style="list-style-type: none"> <li>1. What are the WASH needs of IDPs living in camps and collective centres in the assessed sub-districts?</li> <li>2. What are the current conditions of WASH facilities, items, and services for populations living in assessed sub-districts?</li> <li>3. What is the current state of access to WASH facilities, items, and services for populations living in assessed sub-districts?</li> </ol>	
<b>Geographic Coverage</b>	<p>IDP camps and collective centres across areas of Syria that are not controlled by the Government of Syria or the group known as the Islamic State of Iraq and the Levant (ISIL), and that are accessible to REACH or partner organisations.</p> <p>Governorates to be covered: Aleppo, Al-Hasakeh, Ar-Raqqa, Deir-ez-Zor, and Idlib</p>	
<b>Secondary data sources</b>	<ol style="list-style-type: none"> <li>1. ISIMM list of IDP sites in Northwest Syria April 2019</li> <li>2. Assistance Coordination Unit IDP camps dashboard April 2019</li> <li>3. List of IDP sites in NWS (WASH Cluster NWS 2019)</li> <li>4. REACH ISMI IDP Camps &amp; Sites sweep (April 2019)</li> <li>5. REACH Northeast Syria assessments on IDP Camps &amp; Sites</li> <li>6. HNO 2019</li> <li>7. 2019 Whole of Syria WASH survey data collected by other WASH cluster partners (not specific to IDP contexts)</li> <li>8. Early Warning and Response Network (EWARN) data on waterborne disease</li> </ol>	
<b>Population(s)</b>	<input checked="" type="checkbox"/> IDPs in camp	<input checked="" type="checkbox"/> IDPs in informal sites
<i>Select all that apply</i>	<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 type="checkbox"/> Host communities	<input type="checkbox"/> [Other, Specify]

<sup>5</sup> The term 'IDP camps and sites' includes any collective living areas where multiple IDP households are gathered. A 'camp' is defined as a location where IDPs live in tents or makeshift structures. A 'collective centre' is a location where IDPs live in one or multiple pre-existing buildings.

<sup>6</sup> This will consist of data collected in the context of the HNO 2020 by other WASH partners across Syria (not targeting IDPs) as well as data on waterborne disease. These datasets will be used to calculate People in Need and Severity Scores for the HNO 2020. Additionally, REACH will format them to allow WASH cluster partners to generate a new version of the Syria WASH Atlas.

<b>Stratification</b> <i>Select type(s) and enter number of strata</i>	<input checked="" type="checkbox"/>	Geographical <sup>7</sup> #: 46 Population size per strata is known? X Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/>	Group <sup>8</sup> #: 2 Population size per strata is known? X 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 type="checkbox"/>	Semi-structured (Qualitative)		
		<b>Sampling method</b>		<b>Data collection method</b>		
<b>Structured data collection tool # 1</b> <i>Select sampling and data collection method and specify target # interviews</i>		<input type="checkbox"/> Purposive <input type="checkbox"/> Probability / Simple random <input checked="" type="checkbox"/> Probability / Stratified simple random <input checked="" type="checkbox"/> Probability / Cluster sampling <input type="checkbox"/> Probability / Stratified cluster sampling <input type="checkbox"/> [Other, Specify]		<input type="checkbox"/> Key informant interview (Target #): ____ <input type="checkbox"/> Group discussion (Target #): ____ <input checked="" type="checkbox"/> Household interview (Target #): 93018 <input type="checkbox"/> Individual interview (Target #): ____ <input type="checkbox"/> Direct observations (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 #: __
	<input type="checkbox"/>	Presentation (Preliminary findings) #: __	<input checked="" type="checkbox"/>	Presentation (Final) #: 1	<input checked="" type="checkbox"/>	Factsheet <sup>10</sup> #: 4
	<input type="checkbox"/>	Interactive dashboard #: __	<input type="checkbox"/>	Webmap #: __	<input type="checkbox"/>	Map #: __
	<input checked="" type="checkbox"/>	Datasets#: <sup>11</sup> 5				
<b>Access</b>	<input type="checkbox"/>	Public (available on REACH resource center and other humanitarian platforms)				
	<input checked="" 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: UNICEF</b>				
		<b>Coordination Framework: WASH Cluster</b>				
		<b>Partners: Possibly data collection partners</b>				

<sup>7</sup> Sub-districts – the exact number will depend on the level of humanitarian access.

<sup>8</sup> Separate samples will be generated for camps and collective centres within each sub-district.

<sup>9</sup> This figure may change depending on changes in partner coverage and in humanitarian access.

<sup>10</sup> 1 factsheet summarising wash data from HNAP, 1 factsheet containing findings on camps and collective centres across all assessed sub-districts, 1 factsheet containing disaggregated findings focusing on gender and protection issues, 1 factsheet focused on the WASH situation of returnees. The factsheets will one to two pages in length and accessible to a wide audience

<sup>11</sup> Five datasets:

1) Data collected for the HNO 2019 by other WASH cluster partners in non-IDP-specific contexts (i.e. sampling across all households in a sub-district, some of whom may be IDPs), formatted by REACH to allow a third partner to generate the Syria WASH Atlas.

2) People in Need and Severity Scores for the HNO 2019 for each sub-district, as well as the calculations used to generate these (by REACH in cooperation with UNICEF) using the above-mentioned data collected by partners in addition to Early Warning and Response Network (EWARN) data on waterborne diseases.

3) WASH data collected in IDP camps and collective centres, as coordinated by REACH.

4) The above-mentioned REACH dataset, formatted to allow other WASH cluster partners to generate an IDP-specific version of the Syria WASH Atlas.

5) Basic statistics resulting from the REACH data gathered in IDP camps and collective centres, such as the relative frequency of answers given across sub-districts and types of sites, as well as comparisons with data gathered by other partners (see point 1) and HNO data from previous years.

## 2. Rationale

### 2.1. Rationale

As the conflict in Syria enters its ninth year, the humanitarian situation across the country remains complex and unpredictable. Access to safe water in sufficient quantities and functional sanitation systems remains limited.

Water, sanitation and hygiene (WASH) assessments conducted in 2018, concluded that there are an estimated 15.5 million people across Syria in need of WASH assistance<sup>12</sup>. Of those 15.5 million people, 6.2 million are internally displaced persons (IDPs) in camps, informal settlements and host communities whose needs are considered acute. Within these locations, WASH facilities may be lacking or insufficient to serve the present volume of residents. Additionally, overpopulation, lack of access to livelihoods, and the remote locations of some sites may negatively affect access to hygiene items.<sup>13</sup>

As a result, it is important to specifically consider the needs of IDPs in humanitarian assessments and planning in the upcoming Humanitarian Needs Overview (HNO) for 2020. In 2018 REACH supported a comprehensive WASH assessment to inform the 2019 HNO (please see [Water, Sanitation and Hygiene \(WASH\) Situational Overview of Syria factsheet](#)), which included REACH-coordinated household level surveys focused on IDP camps and informal settlements in Northwest (NWS) and Northeast (NES) Syria. Approximately 1,950 households from 156 camps and 100 collective centres were assessed in this assessment, which also included water sampling and free residual chlorine (FRC) testing at the end-user side.

For 2019, REACH will, together with the WASH cluster, coordinate with WASH partners in NWS and NES to carry out an assessment of WASH facilities and access to WASH services in an estimated 5,679 households throughout 228 camps and informal settlements and 92 collective centres.<sup>14</sup> This will firstly include mapping partner coverage, conducting training of trainers for partner field staff, developing a data collection plan, and supporting with data cleaning. Partners will be responsible for data collection, data entry, and the first round of data cleaning and checking, and submission to REACH on its Kobo server. Additionally, REACH will compile one single dataset from the data collected and WASH data that other WASH cluster partners have collected in the context of the HNO. This is to ensure that the data that will inform the HNO is as complete as possible, and that it correctly reflects variations in WASH conditions. REACH will also provide cluster partners with support towards the HNO process through assistance with the calculation of People in Need (PiN) numbers and severity scores. PiN and severity score calculations are to be undertaken in accordance with an analysis methodology agreed upon by the cluster. Finally, the compiled and completed dataset will be utilised by REACH to produce information management products (likely factsheets) to be defined with the cluster.

Lastly, REACH will cooperate with partners within the WASH cluster to further analyse and interpret the compiled dataset by making an Assessment Officer available to attend workshops and discussions. This person will also have a level of custodianship over the dataset, and will be able to answer questions about the data, methodology, or analysis when asked.

## 3. Methodology

### 3.1. Methodology overview

Part one of the assessment will consist of household-level interviews with internally displaced persons (IDPs) living in areas of Syria that are under opposition influence, and in sites where IDPs congregate. For the purpose of this assessment, these sites have been divided into two categories: camps<sup>15</sup> and collective centres<sup>16</sup>.

REACH and partner enumerators will conduct these interviews with household representatives that have been randomly selected based on the number of sites and households in the geographic area of interest at the sub-district level. The data will then be checked and cleaned by the field teams of the actors who collected it as well as

<sup>12</sup> As reported in the Syrian Arab Republic 2019 Humanitarian Needs Overview

<sup>13</sup> Ibid

<sup>14</sup> Please note that the geographical coverage is subject to change based on the security and access situation at the time of data collection.

<sup>15</sup> IDPs live primarily in tents and makeshift structures

<sup>16</sup> IDPs primarily live in (a) building(s).

REACH Assessment Officers. Assuming that the required number of interviews can be completed, the collected data will contain statistically representative information at the sub-district level with a confidence interval of 90% and a margin of error of 10%<sup>17</sup>.

Finally, REACH will create four factsheets (not more than two A4 pages) with representations of WASH needs and conditions across Syria that are understandable and accessible to a wide audience. REACH will produce the following factsheets: One high-level factsheet drawing information from data collected by HNAP; One factsheet containing findings on camps and collective centres across all assessed sub-districts; One factsheet containing disaggregated findings focusing on WASH gender and protection issues; One factsheet focused on the WASH situation of returnees.

The second part of the project will consist of assisting the WASH cluster with additional information management tasks in the context of the HNO 2020. Cluster partners will collect data in non-IDP-specific contexts in Syria (i.e. with all households in accessible sub-districts as the population of interest). This data will be used by REACH and UNICEF to jointly calculate the People in Need (PiN) and Severity Score for each sub-district using Excel. Additionally, REACH staff will manipulate this data using R to generate a dataset that is compatible with pre-existing processes used by other WASH cluster partners to generate a new version of the Syria WASH Atlas.

### **3.2. Population of interest**

The population of interest for the data collection effort to be conducted by REACH consists of households living in IDP camps and collective centres in areas of Syria that are under opposition influence and accessible for data collection. This population was chosen to complement other assessments being run in non-IDP settings and in other geographic areas. The households surveyed will be sampled at the sub-district level, as this is the level of specificity required for the HNO 2020. Additionally, separate samples will be taken from households in camps and collective centres, in order to accurately reflect the differences in the WASH conditions between the two types of sites.

### **3.3. Secondary data review**

Secondary data will consist of lists of IDP camps and sites in Syria, compiled by REACH and other actors including CCCM. These lists, in combination with confirmation of coverage by partners, will be used to determine which sites will be accessible to REACH and partner enumerators, the results of which will form the population of interest used in sampling. Key data in those lists, such as population figures, will also be used to triangulate findings, prompting follow-up questions when the data does not line up. Additionally, the HNO 2019 will be used to triangulate findings and identify potentially relevant changes.

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<sup>17</sup> This scenario was adopted by the WASH cluster in 2018 and will be repeated for this year's assessment.

### 3.4. Primary Data Collection

Data will be collected by REACH and partner enumerators<sup>18</sup>, in order to ensure coverage in sites where REACH may not have access, and to ensure that data collection is finalised by the deadline. Enumerators will travel to the IDP camps and collective centres identified in the samples, and will complete interviews on site with randomly selected households<sup>19</sup>. Data collection will start in July 2019, and will run for approximately one month.

The sites to be assessed and the number of interviews to be conducted in each individual site will be selected using two-stage stratified sampling in the first instance. Prior to sampling, the sites will be divided into camps and collective centres, and then a sample will be drawn from each list based on the sub-district (data will be statistically significant at the sub-district level) and the number of households.

The sampling strategy will have two scenarios: 1) two-stage random sampling and 2) cluster sampling.

The primary method will be to conduct a two-stage random sampling. Prior to sampling, the sites will be divided into camps and collective centres, and then a sample will be drawn from each list based on the sub-district (data will be statistically significant at the sub-district level) and the number of households. Within each sub-district, two-stage random sampling stratified at the subdistrict level will be implemented to randomly generate sites to assess, and the number of households to survey within each site. This will be done by creating a list of all directly accessible sites with the number of households in each site. Using a sampling tool built in R, this list will be stratified by subdistricts and will produce a sampling frame comprised of the sites that will be assessed in each subdistrict.

If the two-stage random sampling generates a sampling frame where a sub-district has more than 20 sites to be assessed, those sub-districts will be resampled using cluster sampling, with a cluster size of 5. Using this strategy, the number of surveys conducted will be proportional to the number of households within the cluster. This strategy aims to reduce the logistics burden on data collection partners (assessing more than 20 sites in a sub-district may result in excessive travel times and other logistical constraints).

To account for the design effect of cluster sampling, a higher number of surveys will be collected in these sub-districts to meet the same confidence level and error margins as the sub-districts where two-stage sampling is used.

The result of the two-stage random sampling and the cluster sampling will be compared for each sub-district and the optimal sampling strategy is selected in each case, weighing the benefits of a reduced number of sites against the increased number of surveys required by the cluster sampling.

Those sub-districts in which cluster sampling is selected will also be adjusted for design effect in the analysis stage. Lastly, as the target precision of the household data collected using cluster and two-stage sampling will be the same, this data can be aggregated together at the governorate level and can be compared between sub-districts.

The following sampling framework is based on list of potentially accessible sites across Syria, and is subject to change based on confirmation on partner coverage.

<sup>18</sup> Data collection in Northeast Syria will be conducted by REACH enumerators and partners. In Northwest and South Syria (if accessible), partners will collect all data.

<sup>19</sup> For details on how random selection of households will take place, please see Annex 3

Sub-district	# camps/sites	# HH surveys
Abu Kamal	1	10
Al-Malikeyyeh	1	44
Al-Thawrah	19	174
Areesheh	1	72
Ar-Raqqa	15	105
Basira	30	154
Ein Issa	1	73
Hole	1	75
Khasham	4	32
Kisreh	4	72
Mansura	1	10
Menbij	11	71
Ras Al Ain	1	68
Sur	3	36
Tabni	1	60
Afrin	3	39
Al Bab	11	103
Ariha	2	44
Ar-Ra'ee	1	8
Atareb	24	178
A'zaz	7	75
Badama	14	74
Bulbul	1	7
Dana	22	157
Daret Azza	29	205
Ghandorah	14	132
Harim	18	141
Idleb	1	32
Jandairis	2	70
Jarablus	9	75
Jebel Saman	3	102
Kafr Nobol	12	128
Maaret Tamsrin	14	106
Ma'arrat An Nu'man	8	70
Ma'btali	2	21
Salqin	5	72
Tall Ed-daman	4	38
Zarbah	7	85

\* In sub-districts where the population of IDPs in accessible camps and collective centres is small, the number of surveys to be conducted will likewise be low. In some cases, this means that the sample consists of all households in a site.



The tool used for data collection was built from a previous assessment (the 2018 WASH assessment). It is comprised of a survey in KoBo format, which has been updated for the purposes of this year's round, as well as a set of paper forms in Arabic and English.

Prior to data collection, enumerators will be trained on the process by REACH field teams. During data collection, incoming data will be checked on a daily basis by a REACH AO, and follow-ups will be conducted to the respective field teams.

### 3.5. Data Processing & Analysis

Data cleaning will take place on a daily basis, and will include follow-up to address errors and outliers. Data cleaning logs and the raw data will be kept. A data deletion report will be maintained to track any information excluded from the raw data following data cleaning.

The collected data will be analysed using Excel to answer the research questions. Analysis will consist of comparing basic descriptive statistics such as the relative frequency of answers given and the means of numeric variables across sub-district and types of sites. This analysis will be presented in a dataset as well as a factsheet that may also contain geographic representations of the data made using ArcGIS. Lastly, the collected data will be manipulated in Excel to create a dataset that can be used by other partners to generate a version of the Syria WASH Atlas that is specific to IDP camps and collective centres.

In addition to the data collected in IDP camps and sites by REACH and partners, REACH will create supplementary datasets using partner data. This will include calculating the People in Need (PiN) and Severity Score for the HNO 2019 and presenting those calculations in an Excel document.

### 3.6. Roles and responsibilities

Table 2: 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>	UNICEF Information Management Officer, Assessment Officer	UNICEF WASH Coordinator	WASH Cluster, REACH hubs, REACH HQ	
<i>Supervising data collection</i>	Assessment Officer, REACH field teams, partner field teams	Assessment Officer	UNICEF REACH hubs	WASH Cluster
<i>Data processing (checking, cleaning)</i>	Assessment Officer, REACH field teams, Partner field teams	Assessment Officer	Data collection partners, REACH field teams, REACH HQ	UNICEF
<i>Data analysis</i>	Assessment Officer, GIS Officer	Assessment Officer	UNICEF, WASH cluster	REACH HQ
<i>Output production</i>	Assessment Officer, GIS Officer, UNICEF Information Officer,	Assessment Manager	UNICEF WASH Coordinator, WASH	



	WASH cluster partners		cluster partners, REACH HQ	
Dissemination	Assessment Officer	Assessment Manager	UNICEF, REACH HQ	WASH cluster other clusters
Monitoring & Evaluation	Assessment Officer	Assessment Manager	UNICEF, Assessment Manager	REACH HQ
Lessons learned	Assessment Officer, GIS Officer, Assessment Manager	Assessment Officer	UNICEF, WASH cluster (including data collection partners), Assessment Manager, REACH hubs	REACH HQ

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

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

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

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

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

## 4. Data Analysis Plan

### EXAMPLE 2: RESEARCH QUESTIONS ADDRESSED WITH STRUCTURED TOOL(S)

Research questions	IN #	Data collection method	Indicator group / sector	Indicator / Variable	Questionnaire Question	Instructions	Questionnaire Responses	Data collection level	Sampling
N/A	0.1	HH Int.	Key characteristics	Date of visit	Date of visit	Date	dd/mm/yyyy	Household	2 stage stratified random sampling / cluster sampling
	0.2	HH Int.	Key characteristics	Organization name:	Enumerator code	Text		Household	2 stage stratified random sampling / cluster sampling
	0.2.1	HH Int.	Key characteristics	Enter enumerator code:	Organization name:	Text		Household	2 stage stratified random sampling / cluster sampling
	0.3	HH Int.	Key characteristics	Gender of enumerator	Gender of enumerator	Select one	Male; Female	Household	2 stage stratified random sampling / cluster sampling

	0.4	HH Int.	Key characteristics	Governorate	Governorate	Select one	[List of governorates]	Household	2 stage stratified random sampling / cluster sampling
	0.5	HH Int.	Key characteristics	District	District	Select one	[List of districts]	Household	2 stage stratified random sampling / cluster sampling
	0.6	HH Int.	Key characteristics	Sub-District	Sub-District	Select one	[List of sub-districts]	Household	2 stage stratified random sampling / cluster sampling
	0.7	HH Int.	Key characteristics	Nearest community/neighborhood	Nearest community/neighborhood	Select one	[List of communities]	Household	2 stage stratified random sampling / cluster sampling
	0.8	HH Int.	Key characteristics	Camp/site name	Camp/site name	Select one	[List of camps and sites]	Household	2 stage stratified random sampling / cluster sampling
	0.9	HH Int.	Key characteristics	What type of site is this?	What type of site is this?	Select one	Camp (IDPs live in tents or makeshift structures); Collective centre (IDPs live in (a) building(s)); Other	Household	2 stage stratified random sampling / cluster sampling
	0.10	HH Int.	Key characteristics	Is it a formal or informal site?	Is it a formal or informal site?	Select one	Formal site; Informal site; Other; Don't know	Household	2 stage stratified random sampling / cluster sampling
N/A	1.1	HH Int.	Key characteristics	What is the age of the interviewee?		integer		Household	2 stage stratified random sampling / cluster sampling
	1.1.1	HH Int.	Key characteristics	There is a member of the household over the age of 17 that is available to participate in the assessment?		Select one	Yes; No	Household	2 stage stratified random sampling / cluster sampling
	1.1.1	HH Int.	Key characteristics	If you are continuing the interview with another HH member 18+, please go back to Q1.1 and enter the age of the new respondent.				Household	2 stage stratified random sampling / cluster sampling

	1.2	HH Int.	Key characteristics	Hello. My name is _____, and I am working with [NGO NAME]. We are conducting a survey about the quality and access to Water, Sanitation and Hygiene (WASH) in this area. I would like to talk to you about these subjects. This interview usually takes about 45 minutes. All the information we obtain will remain strictly confidential and anonymous. If you do not wish to answer a question or stop the interview, please let me know. The purpose of this project is so that aid and development agencies more accurately understand the WASH needs and barriers of people living in Syria, therefore it is important to give accurate answers. Please understand that these answers will not affect any help that you will receive. May I begin the survey?"	Hello. My name is _____, and I am working with [NGO NAME]. We are conducting a survey about the quality and access to Water, Sanitation and Hygiene (WASH) in this area. I would like to talk to you about these subjects. This interview usually takes about 45 minutes. All the information we obtain will remain strictly confidential and anonymous. If you do not wish to answer a question or stop the interview, please let me know. The purpose of this project is so that aid and development agencies more accurately understand the WASH needs and barriers of people living in Syria, therefore it is important to give accurate answers. Please understand that these answers will not affect any help that you will receive. May I begin the survey?"	Select one	Yes;No	Household	2 stage stratified random sampling / cluster sampling
	1.2.1	HH Int.	Key characteristics	Why are you not willing to respond to this household visit?	Why are you not willing to respond to this household visit?	Select one	Don't have time; Don't want to contribute to the purpose of the survey; Don't understand the purpose of the survey; Other	Household	2 stage stratified random sampling / cluster sampling
	1.2.1.1	HH Int.	Key characteristics	Would you like me to explain the purpose again?	Would you like me to explain the purpose again?	Select one	Yes;No	Household	2 stage stratified random sampling / cluster sampling
	1.2.1.2	HH Int.	Key characteristics	Now that I've explained the purpose of the survey, may I begin the survey?	Now that I've explained the purpose of the survey, may I begin the survey?	Select one	Yes;No	Household	2 stage stratified random sampling / cluster sampling
	1.3	HH Int.	Key characteristics	How many individuals live in this household (including yourself)?	How many individuals live in this household (including yourself)?	integer		Household	2 stage stratified random sampling / cluster sampling

1.4	HH Int.	Key characteristics	How many household members (including yourself) do you have in the following age groups?	How many household members (including yourself) do you have in the following age groups?	integer	Males 0-3: Females 0-3: Males 4-5: Females 4-5: Males 6-10: Females 6-10: Males 11-17: Females 11-17: Males 18-59: Females 18-59: Males 60+: Females 60+:	Household	2 stage stratified random sampling / cluster sampling
1.5	HH Int.	Key characteristics	Of the individuals living in the household, how many fit into the following categories?	Of the individuals living in the household, how many fit into the following categories?	integer	IDPs (relocated to the community/neighborhood from elsewhere in Syria due to the crisis e.g. due to conflict):  Pre-conflict / host-population (lived in the community/neighborhood since before the crisis):  Returnees (left the community due to crisis but have returned since January 2018):	Household	2 stage stratified random sampling / cluster sampling
1.5.3.1.0	HH Int.	Key characteristics	Of the IDPs living in your household, do you know where the majority of them are from in Syria?	Of the IDPs living in your household, do you know where the majority of them are from in Syria?	Select one	Yes/No	Household	2 stage stratified random sampling / cluster sampling
1.5.3.1.1	HH Int.	Key characteristics	Of the IDPs living in your household, where are the majority of them from in Syria? Select governorate:	Of the IDPs living in your household, where are the majority of them from in Syria? Select governorate:	Select one	[List of governorates]	Household	2 stage stratified random sampling / cluster sampling
1.5.3.1.2	HH Int.	Key characteristics	Of the IDPs living in your household, where are the majority of them from in Syria? Select district:	Of the IDPs living in your household, where are the majority of them from in Syria? Select district:	Select one	[List of districts]	Household	2 stage stratified random sampling / cluster sampling
1.5.3.1.3	HH Int.	Key characteristics	Of the IDPs living in your household, where are the majority of them from in Syria? Select sub-district:	Of the IDPs living in your household, where are the majority of them from in Syria? Select sub-district:	Select one	[List of sub-districts]	Household	2 stage stratified random sampling / cluster sampling
1.5.3.1.4	HH Int.	Key characteristics	Of the IDPs living in your household, where are the majority of them from in Syria? Select community/neighborhood:	Of the IDPs living in your household, where are the majority of them from in Syria? Select community/neighborhood:	Select one	[List of communities]	Household	2 stage stratified random sampling / cluster sampling

1.5.3.1.5	HH Int.	Key characteristics	How many IDPs living in your household are from this location?	How many IDPs living in your household are from this location?	integer		Household	2 stage stratified random sampling / cluster sampling
1.5.3.2.0	HH Int.	Key characteristics	Of the remaining IDPs, do you know where most of them are from in Syria?	Of the remaining IDPs, do you know where most of them are from in Syria?	Select one	Yes;No	Household	2 stage stratified random sampling / cluster sampling
1.5.3.2.1	HH Int.	Key characteristics	Of the remaining IDPs living in your household, where are the majority of them from in Syria? Select governorate:	Of the remaining IDPs living in your household, where are the majority of them from in Syria? Select governorate:	Select one	[List of governorates] of	Household	2 stage stratified random sampling / cluster sampling
1.5.3.2.2	HH Int.	Key characteristics	Of the remaining IDPs living in your household, where are the majority of them from in Syria? Select district:	Of the remaining IDPs living in your household, where are the majority of them from in Syria? Select district:	Select one	[List of districts]	Household	2 stage stratified random sampling / cluster sampling
1.5.3.2.3	HH Int.	Key characteristics	Of the remaining IDPs living in your household, where are the majority of them from in Syria? Select sub-district	Of the remaining IDPs living in your household, where are the majority of them from in Syria? Select sub-district	Select one	[List of sub-districts]	Household	2 stage stratified random sampling / cluster sampling
1.5.3.2.4	HH Int.	Key characteristics	Of the remaining IDPs living in your household, where are the majority of them from in Syria? Select community/neighborhood:	Of the remaining IDPs living in your household, where are the majority of them from in Syria? Select community/neighborhood:	Select one	[List of communities] of	Household	2 stage stratified random sampling / cluster sampling
1.5.3.2.5	HH Int.	Key characteristics	How many IDPs living in your household are from this location?	How many IDPs living in your household are from this location?	integer		Household	2 stage stratified random sampling / cluster sampling
1.5.3.3.0	HH Int.	Key characteristics	Of the remaining IDPs, do you know where most of them are from in Syria?	Of the remaining IDPs, do you know where most of them are from in Syria?	Select one	Yes; No	Household	2 stage stratified random sampling / cluster sampling
1.5.3.3.1	HH Int.	Key characteristics	Of the remaining IDPs living in your household, where are the majority of them from in Syria? Select governorate:	Of the remaining IDPs living in your household, where are the majority of them from in Syria? Select governorate:	Select one	[List of governorates] of	Household	2 stage stratified random sampling / cluster sampling
1.5.3.3.2	HH Int.	Key characteristics	Of the remaining IDPs living in your household, where are the majority of them from in Syria? Select district:	Of the remaining IDPs living in your household, where are the majority of them from in Syria? Select district:	Select one	[List of districts]	Household	2 stage stratified random sampling / cluster sampling
1.5.3.3.3	HH Int.	Key characteristics	Of the remaining IDPs living in your household, where are the majority of them from in Syria? Select sub-district	Of the remaining IDPs living in your household, where are the majority of them from in Syria? Select sub-district	Select one	[List of sub-districts]	Household	2 stage stratified random sampling / cluster sampling

	1.5.3.3.4	HH Int.	Key characteristics	Of the remaining IDPs living in your household, where are the majority of them from in Syria? Select community/neighborhood:	Of the remaining IDPs living in your household, where are the majority of them from in Syria? Select community/neighborhood:	Select one	[List communities] of	Household	2 stage stratified random sampling / cluster sampling
	1.5.3.3.5	HH Int.	Key characteristics	How many IDPs living in your household are from this location?	How many IDPs living in your household are from this location?	integer		Household	2 stage stratified random sampling / cluster sampling
	1.6	HH Int.	Key characteristics	In your household, are there any members that experience any of the following physical or cognitive difficulties?	In your household, are there any members that experience any of the following physical or cognitive difficulties?	select multiple	Difficulty seeing, even when wearing glasses; Difficulty hearing, even if using a hearing aid; Difficulty walking or climbing steps; Difficulty communicating, for example understanding or being understood (In your first language); Difficulty remembering or concentrating; Difficulty with self-care, such as washing all over or dressing; No HH members experienced difficulties	Household	2 stage stratified random sampling / cluster sampling
	1.6.1	HH Int.	Key characteristics	Of those household members who experience difficulties, how many fall into the following categories in terms of how much assistance they need?	Of those household members who experience difficulties, how many fall into the following categories in terms of how much assistance they need?	integer	Minor difficulties carrying out daily activities but mostly independent, requiring either no assistance or only some assistance (for example, between 0-2 hours per day):  A lot of difficulty carrying out daily activities and needs quite a bit of assistance and attention (for example, 3-6 hours per day):  Cannot carry out daily activities independently and needs permanent assistance and attention:	Household	2 stage stratified random sampling / cluster sampling

	1.6.2	HH Int.	Key characteristics	Of those household members who require between 3-6 hours of attention each day, how many fall into the following categories:	Of those household members who require between 3-6 hours of attention each day, how many fall into the following categories:	integer	Males 0-3: Females 0-3: Males 4-5: Females 4-5: Males 6-10: Females 6-10: Males 11-17: Females 11-17: Males 18-59: Females 18-59: Males 60+: Females 60+:	Household	2 stage stratified random sampling / cluster sampling
	1.6.3	HH Int.	Key characteristics	Of those household members who require permanent assistance, how many fall into the following categories:	Of those household members who require permanent assistance, how many fall into the following categories:	integer	Males 0-3: Females 0-3: Males 4-5: Females 4-5: Males 6-10: Females 6-10: Males 11-17: Females 11-17: Males 18-59: Females 18-59: Males 60+: Females 60+:	Household	2 stage stratified random sampling / cluster sampling
	1.7	HH Int.	Key characteristics	Is the interviewee the head of household?	Is the interviewee the head of household?	Select one	Yes; No	Household	2 stage stratified random sampling / cluster sampling
	1.8	HH Int.	Key characteristics	What is the relationship to the head of household?	What is the relationship to the head of household?	Select one	Wife/husband Daughter/son Mother/father Mother/father in law Other non-family Other family (nephew/niece, uncle/aunt, cousin, etc.)	Household	2 stage stratified random sampling / cluster sampling
	1.9	HH Int.	Key characteristics	What gender is the interviewee?	What gender is the interviewee?	Select one	Male; Female	Household	2 stage stratified random sampling / cluster sampling
	1.10	HH Int.	Key characteristics	What gender is the head of household?	What gender is the head of household?	Select one	Male; Female	Household	2 stage stratified random sampling / cluster sampling
	1.11	HH Int.	Key characteristics	What is the age of the head of household?	What is the age of the head of household?	integer		Household	2 stage stratified random sampling / cluster sampling



	1.11.1	HH Int.	Key characteristics	Head of household's age is younger than 18. Please provide additional information on why this is a child-headed household.	Head of household's age is younger than 18. Please provide additional information on why this is a child-headed household.	Text		Household	2 stage stratified random sampling / cluster sampling
	1.12	HH Int.	Key characteristics	What is the marital status of the head of household?	What is the marital status of the head of household?	Select one	Married Divorced Separated Single Widow/widower	Household	2 stage stratified random sampling / cluster sampling
1. What are the WASH needs of IDPs living in camps and collective centres in the assessed sub-districts?	2.1	HH Int.	Shelter and NFI	What type of shelter does your household live in?	What type of shelter does your household live in?	Select one	Non-damaged home (house, apartment); Damaged home (house, apartment); Collective centre (building not intended for housing: schools, mosques, etc.); Unfinished building (owned/rented/squatting); Tent; Makeshift shelter (made from found / bought materials); Open space (under trees, in fields/caves, etc.)	Household	2 stage stratified random sampling / cluster sampling
	2.2	HH Int.	Shelter and NFI	What are the most important shelter-related concerns you have faced in the last 30 days?	What are the most important shelter-related concerns you have faced in the last 30 days?	select multiple	Lack of heating; Lack of insulation from cold; Lack of lighting inside shelter ; Lack of lighting around shelter ; Lack of privacy inside shelter (no partitions or doors) ; Lack of space inside shelter (less than 21m <sup>2</sup> per household); Lack of ventilation (less than 0.5m <sup>2</sup> per room inc. kitchen); Overcrowding ; Lack of security (unable to lock shelter); Safety (fall hazards, structural damage; Presence of pests and rodents; No shelter concerns; Other	Household	2 stage stratified random sampling / cluster sampling

	2.3	HH Int.	Shelter and NFI	Were there any challenges for members of your household to accessing markets (to purchase NFIs and/or shelter materials) in the past 3 months?	Were there any challenges for members of your household to accessing markets (to purchase NFIs and/or shelter materials) in the past 3 months?	select multiple	No challenges (cannot select with any other option); No challenges but cannot afford any items (cannot select with any other option); Physical constraints preventing access to markets (e.g. roads damaged, blockages); Lack of transportation to markets (private or public); Markets do not function at times of conflict; Distance to markets too far; Safety or security constraints restricting movement to markets; Safety or security concerns at markets; Lack of access for persons with restricted mobility; Lack of access / unsuitability for women or adolescent girls; Fear of sexual harassment on the way to or at markets; Other (specify); Not sure/Don't Know	Household	2 stage stratified random sampling / cluster sampling
2. What are the current conditions of WASH facilities, items, and services for populations living in assessed sub-districts?	3.1	HH Int.	CCCM	Are the main roads in the site paved or gravelled?	Are the main roads in the site paved or gravelled?	Select one	Paved; Gravelled; Neither	Household	2 stage stratified random sampling / cluster sampling
	3.2	HH Int.	CCCM	Are the paths leading to your shelter paved or gravelled?	Are the paths leading to your shelter paved or gravelled?	Select one	Paved; Gravelled; Neither	Household	2 stage stratified random sampling / cluster sampling
	3.3	HH Int.	CCCM	Does your shelter have graveling underneath it?	Does your shelter have graveling underneath it?	Select one	Yes; No	Household	2 stage stratified random sampling / cluster sampling

	3.4	HH Int.	CCCM	Do you have a trench to drain water from your shelter?	Do you have a trench to drain water from your shelter?	Select one	Yes; No	Household	2 stage stratified random sampling / cluster sampling
	3.5	HH Int.	CCCM	Are there drainage channels between your shelter and other shelters?	Are there drainage channels between your shelter and other shelters?	Select one	Yes; No	Household	2 stage stratified random sampling / cluster sampling
	3.6	HH Int.	CCCM	Do you have access to a kitchen?	Do you have access to a kitchen?	Select one	Yes; No	Household	2 stage stratified random sampling / cluster sampling
1. What are the WASH needs of IDPs living in camps and collective centres in the assessed sub-districts?	4.1	HH Int.	Protection	Have any children in your household attended a child-friendly space (a space set up specifically for children that is not a school) in the site in the last 30 days?	Have any children in your household attended a child-friendly space (a space set up specifically for children that is not a school) in the site in the last 30 days?	Select one	Yes; No; There is no child-friendly space in the site	Household	2 stage stratified random sampling / cluster sampling
	4.1.1	HH Int.	Protection	Does the child-friendly space have functioning toilets for men/boys?	Does the child-friendly space have functioning toilets for men/boys?	Select one	Yes; No; Don't know	Household	2 stage stratified random sampling / cluster sampling
	4.1.2	HH Int.	Protection	Does the child-friendly space have functioning toilets for women/girls?	Does the child-friendly space have functioning toilets for women/girls?	Select one	Yes; No; Don't know	Household	2 stage stratified random sampling / cluster sampling
	4.1.3	HH Int.	Protection	Does the child-friendly space have functioning handwashing facilities?	Does the child-friendly space have functioning handwashing facilities?	Select one	Yes; No; Don't know	Household	2 stage stratified random sampling / cluster sampling
	4.2	HH Int.	Protection	Were any children in your household attending school before the holiday period?	Were any children in your household attending school in the site before the holiday period?	Select one	Yes; No; There is no school in the site; Don't Know	Household	2 stage stratified random sampling / cluster sampling
	4.2.1	HH Int.	Protection	Did the school have functioning toilets for men/boys?	Did the school have functioning toilets for men/boys?	Select one	Yes; No; Don't know	Household	2 stage stratified random sampling / cluster sampling
	4.2.2	HH Int.	Protection	Did the school have functioning toilets for women/girls?	Did the school have functioning toilets for women/girls?	(Select one)	Yes; No; Don't know	Household	2 stage stratified random sampling / cluster sampling
	4.2.3	HH Int.	Protection	Did the school have functioning handwashing facilities?	Did the school have functioning handwashing facilities?	Select one	Yes; No; Don't know	Household	2 stage stratified random sampling

									/ cluster sampling
	4.3	HH Int.	Protection	Have any women or girls in your household attended a designated space for women and girls in the site in the last 30 days?	Have any women or girls in your household attended a designated space for women and girls in the site in the last 30 days?	Select one	Yes; No; There is no women's space in the site	Household	2 stage stratified random sampling / cluster sampling
	4.3.1	HH Int.	Protection	Does the women's space have functioning toilets?	Does the women's space have functioning toilets?	Select one	Yes; No; Don't know	Household	2 stage stratified random sampling / cluster sampling
	4.3.2	HH Int.	Protection	Does the women's space have functioning handwashing facilities?	Does the women's space have functioning handwashing facilities?	Select one	Yes; No; Don't know	Household	2 stage stratified random sampling / cluster sampling
	4.4	HH Int.	Protection	Have any household members visited a health centre within the site in the last 30 days?	Have any household members visited a health centre within the site in the last 30 days?	Select one	Yes; No; There is no health centre in the site	Household	2 stage stratified random sampling / cluster sampling
	4.4.1	HH Int.	Protection	Does the health centre have functioning toilets for men/boys?	Does the health centre have functioning toilets for men/boys?	Select one	Yes; No; Don't know	Household	2 stage stratified random sampling / cluster sampling
	4.4.2	HH Int.	Protection	Does the health centre have functioning toilets for women/girls?	Does the health centre have functioning toilets for women/girls?	Select one	Yes; No; Don't know	Household	2 stage stratified random sampling / cluster sampling
	4.4.3	HH Int.	Protection	Does the health centre have functioning handwashing facilities?	Does the health centre have functioning handwashing facilities?	Select one	Yes; No; Don't know	Household	2 stage stratified random sampling / cluster sampling
2. What are the current conditions of WASH facilities, items, and services for populations living in assessed sub-districts?	5.1	HH Int.	WASH	What water source did your household use the most in the last 30 days?	What water source did your household use the most in the last 30 days?	Select one	Network inside the house or shelter unit (or neighbor's house); Water trucking; Closed well; Open well; Springs; Surface water (lake, pond, dam, river); Bottled water; Public tap/standpipe (outside); Handpumps/boreholes; Other (specify); Don't Know	Household	2 stage stratified random sampling / cluster sampling

	5.2	HH Int.	WASH	How far do household members need to travel to collect water?	How far do household members need to travel to collect water?	Select one	Less than 50m (average 30 seconds walk); 51m - 100m (average over 30 seconds – 1-minute walk); 101 - 200m (average over 1 minute – 2-minute walk); 201 - 500m (average over 2 minute – 5-minute walk); Over 500m (Over 5-minute walk); Don't Know	Household	2 stage stratified random sampling / cluster sampling
	5.3	HH Int.	WASH	How long did it take household members to go to your main water source, fetch water, and return (including queuing at the water source)?	How long did it take household members to go to your main water source, fetch water, and return (including queuing at the water source)?	Select one	Less than 1 minute; Between 1 – 5 minutes; Between 6 – 10 minutes; Between 11 – 30 minutes; Between 31 minutes – 1 hour; More than 1 hour; Don't Know	Household	2 stage stratified random sampling / cluster sampling
	5.4	HH Int.	WASH	Which household members are responsible for collecting water?	Which household members are responsible for collecting water?	select multiple	Males 0-3: Females 0-3: Males 4-5: Females 4-5: Males 6-10: Females 6-10: Males 11-17: Females 11-17: Males 18-59: Females 18-59: Males 60+: Females 60+:	Household	2 stage stratified random sampling / cluster sampling
	5.5	HH Int.	WASH	Did you have to use other sources of water in the last 30 days?	Did you have to use other sources of water in the last 30 days?	Select one	Yes; No	Household	2 stage stratified random sampling / cluster sampling
	5.5.1	HH Int.	WASH	What water sources did you use?	What water sources did you use?	select multiple	Network inside the house or shelter unit (or neighbour's house); Water trucking; Closed well; Open well; Springs; Surface water (lake, pond, dam, river); Bottled water; Public tap/standpipe (outside); Handpumps/boreholes; Other (specify); Don't Know	Household	2 stage stratified random sampling / cluster sampling

	5.6	HH Int.	WASH	Please estimate the % for each water source used in the last 30 days (including main water source):	Please estimate the % for each water source used in the last 30 days (including main water source):	integer	Network inside the house or shelter unit (or neighbour's house): Water trucking: Closed well: Open well: Springs: Surface water (lake, pond, dam, river): Bottled water: Public tap/standpipe (outside): Handpumps/boreholes: Other (specify):	Household	2 stage stratified random sampling / cluster sampling
	5.7	HH Int.	WASH	Do you use water from these sources for agricultural purposes (farming, animal watering)?	Do you use water from these sources for agricultural purposes (farming, animal watering)?	Select one	Yes; No	Household	2 stage stratified random sampling / cluster sampling
	5.7.1	HH Int.	WASH	What is the % used on agricultural purposes	What is the % used on agricultural purposes	integer		Household	2 stage stratified random sampling / cluster sampling
	5.8	HH Int.	WASH	Are you differentiating in any way between your drinking water and non-drinking water?	Are you differentiating in any way between your drinking water and non-drinking water?	Select one	Yes; No	Household	2 stage stratified random sampling / cluster sampling
	5.8.1	HH Int.	WASH	what are you doing to differentiate between drinking and non-drinking water?	what are you doing to differentiate between drinking and non-drinking water?	select multiple	Treating drinking water; Using different source for drinking than for other household needs; Storing drinking water differently; Other (specify)	Household	2 stage stratified random sampling / cluster sampling
	5.8.1.1	HH Int.	WASH	How did you treat drinking water?	How did you treat drinking water?	Select one	Boil the water; Use chlorine tablets powder or liquid; Use water filters; Other (specify); Don't Know	Household	2 stage stratified random sampling / cluster sampling
	5.8.1.2	HH Int.	WASH	Which source is your drinking water source?	Which source is your drinking water source?	Select one	Network inside the house or shelter unit (or neighbour's house): Water trucking: Closed well: Open well: Springs: Surface water (lake, pond, dam, river): Bottled water: Public tap/standpipe (outside): Handpumps/boreholes: Other (specify):	Household	2 stage stratified random sampling / cluster sampling

	5.9	HH Int.	WASH	Have you treated your drinking water in any way in the last week to make it safer to drink?	Have you treated your drinking water in any way in the last week to make it safer to drink?	Select one	Yes; No	Household	2 stage stratified random sampling / cluster sampling
	5.10	HH Int.	WASH	What do you usually do to the water to make it safer to drink?	What do you usually do to the water to make it safer to drink?	select multiple	Treating drinking water; Using different source for drinking than for other household needs; Storing drinking water differently; Other (specify)	Household	2 stage stratified random sampling / cluster sampling
	5.10.1	HH Int.	WASH	How did you treat drinking water?	How did you treat drinking water?	Select one	Boil the water; Use chlorine tablets powder or liquid; Use water filters; Other (specify); Don't Know	Household	2 stage stratified random sampling / cluster sampling
	5.11	HH Int.	WASH	Did your household spend 2 consecutive days or more without water in the last 30 days?	Did your household spend 2 consecutive days or more without water in the last 30 days?	Select one	Yes, once or twice; Yes, more than twice; No	Household	2 stage stratified random sampling / cluster sampling
	5.12	HH Int.	WASH	Overall, is your current access to water enough to meet or satisfy the basic needs of your household members?	Overall, is your current access to water enough to meet or satisfy the basic needs of your household members?	Select one	More than sufficient; Sufficient; Just enough/barely enough; Insufficient; Totally insufficient	Household	2 stage stratified random sampling / cluster sampling
	5.12.1	HH Int.	WASH	What are the main reasons you are not able to meet your water needs?	What are the main reasons you are not able to meet your water needs?	select multiple	Water points are too far; Fetching water is a dangerous activity; Some household members do not have access to the water points; Water is too expensive; Storage containers are too expensive; Insufficient number of water points / waiting time at water points; Water points are not functioning; Water is not available at the market; Storage containers are not available at the market; Don't like taste; Water is perceived to be unclear; Water is perceived to be making people sick; Other (specify); Don't Know	Household	2 stage stratified random sampling / cluster sampling



	5.12.1.1	HH Int.	WASH	For which household members is fetching water dangerous?	For which household members is fetching water dangerous?	select multiple	Males 0-3: Females 0-3: Males 4-5: Females 4-5: Males 6-10: Females 6-10: Males 11-17: Females 11-17: Males 18-59: Females 18-59: Males 60+: Females 60+:	Household	2 stage stratified random sampling / cluster sampling
	5.12.1.2	HH Int.	WASH	Which household members do not have access to the water points?	Which household members do not have access to the water points?	select multiple	Males 0-3: Females 0-3: Males 4-5: Females 4-5: Males 6-10: Females 6-10: Males 11-17: Females 11-17: Males 18-59: Females 18-59: Males 60+: Females 60+:	Household	2 stage stratified random sampling / cluster sampling
	5.12.1.3	HH Int.	WASH	Does the HH member(s) you identified with physical/cognitive difficulties have safe access to water points?	Does the HH member(s) you identified with physical/cognitive difficulties have safe access to water points?	Select one	Yes; No; Don't know	Household	2 stage stratified random sampling / cluster sampling
	5.12.2	HH Int.	WASH	Have members of your household used any of the following coping mechanisms for a lack of water in the last 30 days?	Have members of your household used any of the following coping mechanisms for a lack of water in the last 30 days?	select multiple	Reduce drinking water consumption; Spend money usually spent on other things to buy water; Modify hygiene practices (bathe less, etc.); Receive water on credit / borrow water or money for water; Drink water usually used for cleaning or purposes other than drinking; Collect water from a dangerous place; Other (specify); None	Household	2 stage stratified random sampling / cluster sampling
	5.13	HH Int.	WASH	What percentage of household income is used to buy water?	What percentage of household income is used to buy water?	integer		Household	2 stage stratified random sampling / cluster sampling

	5.14	HH Int.	WASH	How much has your HH spent in the past 30 days on purchasing water? (in SYP)	How much has your HH spent in the past 30 days on purchasing water? (in SYP)	integer		Household	2 stage stratified random sampling / cluster sampling
	5.15	HH Int.	WASH	Would you be willing to pay for regular safe water supply service at your household?	Would you be willing to pay for regular safe water supply service at your household?	Select one	Yes; No, I'm not willing to pay; I couldn't afford to pay	Household	2 stage stratified random sampling / cluster sampling
	5.15.1	HH Int.	WASH	What is the maximum amount (SYP) you would be willing to pay per month for regular safe water supply service at your household?	What is the maximum amount (SYP) you would be willing to pay per month for regular safe water supply service at your household?	integer		Household	2 stage stratified random sampling / cluster sampling
	5.16	HH Int.	WASH	Did you use a storage tank or other containers to collect and/or store water in the last week?	Did you use a storage tank or other containers to collect and/or store water in the last week?	Select one	Yes; No	Household	2 stage stratified random sampling / cluster sampling
	5.16.1	HH Int.	WASH	Which types of containers do you use?	Which types of containers do you use?	select multiple	Storage Tank; Barrel; Jerry Can; Water Bucket; Other household containers	Household	2 stage stratified random sampling / cluster sampling
	5.16.1.1	HH Int.	WASH	How many storage tanks does your household use?	How many storage tanks does your household use?	integer		Household	2 stage stratified random sampling / cluster sampling
	5.16.1.2	HH Int.	WASH	What is the total volume of all of your storage tanks?	What is the total volume of all of your storage tanks?	integer		Household	2 stage stratified random sampling / cluster sampling
	5.16.1.3	HH Int.	WASH	How many times did your household utilise the total volume of all your tanks last week?	How many times did your household utilise the total volume of all your tanks last week?	decimal		Household	2 stage stratified random sampling / cluster sampling
	5.16.2.1	HH Int.	WASH	How many barrels does your household use?	How many barrels does your household use?	integer		Household	2 stage stratified random sampling / cluster sampling
	5.16.2.2	HH Int.	WASH	What is the total volume of all of your barrels?	What is the total volume of all of your barrels?	integer		Household	2 stage stratified random sampling / cluster sampling
	5.16.2.3	HH Int.	WASH	How many times did you fill your barrel(s) last week?	How many times did you fill your barrel(s) last week?	integer		Household	2 stage stratified random sampling / cluster sampling

	<b>5.16.3.1</b>	HH Int.	WASH	How many jerry cans does your household use?	How many jerry cans does your household use?	integer		Household	2 stage stratified random sampling / cluster sampling
	<b>5.16.3.2</b>	HH Int.	WASH	What is the total volume of all of your jerry cans?	What is the total volume of all of your jerry cans?	integer		Household	2 stage stratified random sampling / cluster sampling
	<b>5.16.3.3</b>	HH Int.	WASH	How many times did you fill your jerry can(s) last week?	How many times did you fill your jerry can(s) last week?	integer		Household	2 stage stratified random sampling / cluster sampling
	<b>5.16.4.1</b>	HH Int.	WASH	How many water buckets does your household use?	How many water buckets does your household use?	integer		Household	2 stage stratified random sampling / cluster sampling
	<b>5.16.4.2</b>	HH Int.	WASH	What is the total volume of all of your water buckets?	What is the total volume of all of your water buckets?	integer		Household	2 stage stratified random sampling / cluster sampling
	<b>5.16.4.3</b>	HH Int.	WASH	How many times did you fill your water bucket(s) last week?	How many times did you fill your water bucket(s) last week?	integer		Household	2 stage stratified random sampling / cluster sampling
	<b>5.16.5.1</b>	HH Int.	WASH	How many other household containers does your household use?	How many other household containers does your household use?	integer		Household	2 stage stratified random sampling / cluster sampling
	<b>5.16.5.2</b>	HH Int.	WASH	What is the total volume of all of your other household containers?	What is the total volume of all of your other household containers?	integer		Household	2 stage stratified random sampling / cluster sampling
	<b>5.16.5.3</b>	HH Int.	WASH	How many times did you fill your other household container(s) last week?	How many times did you fill your other household container(s) last week?	integer		Household	2 stage stratified random sampling / cluster sampling

	5.17	HH Int.	WASH	Was there one / multiple hygiene item your HH needed to procure in the last 30 days but could not access?	Was there one / multiple hygiene item your HH needed to procure in the last 30 days but could not access?	select multiple	Could access all items; Sanitary pads; Soap bar; Jerry can bucket; Shampoo adults; Shampoo babies; Disposable diapers; Washing powder; Toothbrush adults; Toothpaste adults; Toothbrush child; Toothpaste child; Detergent for dishes; Cleaning liquid for house; Washing line; Nail clippers; Plastic Garbage Bags; Towel; Comb; Other (specify)	Household	2 stage stratified random sampling / cluster sampling
	5.17	HH Int.	WASH	Please specify why you couldn't access the following:  Sanitary pads: Soap bar: Jerry can bucket: Shampoo adults: Shampoo babies: Disposable diapers: Washing powder: Toothbrush adults: Toothpaste adults: Toothbrush child: Toothpaste child: Detergent for dishes: Cleaning liquid for house: Washing line: Nail clippers: Plastic Garbage Bags: Towel: Comb: Other :	Please specify why you couldn't access the following:  Sanitary pads: Soap bar: Jerry can bucket: Shampoo adults: Shampoo babies: Disposable diapers: Washing powder: Toothbrush adults: Toothpaste adults: Toothbrush child: Toothpaste child: Detergent for dishes: Cleaning liquid for house: Washing line: Nail clippers: Plastic Garbage Bags: Towel: Comb: Other :	Select one	Unavailable in market; Couldn't afford	Household	2 stage stratified random sampling / cluster sampling
	5.18	HH Int.	WASH	What % of your income is used to buy hygiene supplies?	What % of your income is used to buy hygiene supplies?	integer		Household	2 stage stratified random sampling / cluster sampling
	5.19	HH Int.	WASH	How much has your HH spent in the past 30 days on purchasing hygiene Item (in SYP)?	How much has your HH spent in the past 30 days on purchasing hygiene Item (in SYP)?	integer		Household	2 stage stratified random sampling

								/ cluster sampling
5.20	HH Int.	WASH	What is the most common way you disposed of garbage in the last 3 months?	What is the most common way you disposed of garbage in the last 3 months?	Select one	Public garbage collection free; Private garbage collection paid; Garbage left in public areas; Garbage buried or burned; Garbage disposed of by household to a dumping location; Other (specify)	Household	2 stage stratified random sampling / cluster sampling
5.20.1	HH Int.	WASH	Where is the garbage dumped?	Where is the garbage dumped?	Select one	Informal dumping location; Formal dumping location; Not sure	Household	2 stage stratified random sampling / cluster sampling
5.20.2	HH Int.	WASH	How frequently was garbage collected in the last 30 days?	How frequently was garbage collected in the last 30 days?	Select one	Once a month; Once every two weeks; Once a week; More than once a week; More than three times a week	Household	2 stage stratified random sampling / cluster sampling
5.20.3	HH Int.	WASH	What % of your income is used to buy garbage removal services?	What % of your income is used to buy garbage removal services?	integer		Household	2 stage stratified random sampling / cluster sampling
5.20.4	HH Int.	WASH	How much has your HH spent in the past 30 days to buy garbage removal services (in SYP)?	How much has your HH spent in the past 30 days to buy garbage removal services (in SYP)?	integer		Household	2 stage stratified random sampling / cluster sampling
5.20.5	HH Int.	WASH	Would you be willing to pay for garbage removal services at your household?	Would you be willing to pay for garbage removal services at your household?	Select one	Yes; No, I'm not willing to pay; I couldn't afford to pay	Household	2 stage stratified random sampling / cluster sampling
5.20.5.1	HH Int.	WASH	What is the maximum amount (SYP) you would be willing to pay per month for garbage removal services at your household?	What is the maximum amount (SYP) you would be willing to pay per month for garbage removal services at your household?	integer		Household	2 stage stratified random sampling / cluster sampling
5.21	HH Int.	WASH	Do your household members have access to a functioning toilet?	Do your household members have access to a functioning toilet?	Select one	Yes, all members; Yes, but only some members; No	Household	2 stage stratified random sampling / cluster sampling

	5.21.1	HH Int.	WASH	Which household members did not have access to toilets?	Which household members did not have access to toilets?	select multiple	Males 0-3: Females 0-3: Males 4-5: Females 4-5: Males 6-10: Females 6-10: Males 11-17: Females 11-17: Males 18-59: Females 18-59: Males 60+: Females 60+:	Household	2 stage stratified random sampling / cluster sampling
	5.21.1.1	HH Int.	WASH	Does the HH member(s) you identified with physical/cognitive difficulties have safe access to toilets?	Does the HH member(s) you identified with physical/cognitive difficulties have safe access to toilets?	Select one	Yes; No; Don't know	Household	2 stage stratified random sampling / cluster sampling
	5.21.2	HH Int.	WASH	How many households share this toilet (including the surveyed household)?	How many households share this toilet (including the surveyed household)?	Select one	Not shared (1 household); Shared family (2 - 3 households); Communal toilet (4 households or more); Public toilet (located in market, clinic, etc. – accessible to the public); Don't Know	Household	2 stage stratified random sampling / cluster sampling
	5.21.2.1	HH Int.	WASH	Are there separate toilets for men and women?	Are there separate toilets for men and women?	Select one	Yes; No	Household	2 stage stratified random sampling / cluster sampling
	5.21.3	HH Int.	WASH	How many people share this toilet (including the surveyed household)?	How many people share this toilet (including the surveyed household)?	integer		Household	2 stage stratified random sampling / cluster sampling
	5.23	HH Int.	WASH	How far is the nearest toilet from the household?	How far is the nearest toilet from the household?	Select one	Less than 50m (average 30 seconds walk); 51m - 100m (average over 30 seconds – 1 minute walk); 101 - 200m (average over 1 minute – 2 minute walk); 201 - 500m (average over 2 minute – 5 minute walk); Over 500m (Over 5 minute walk); Don't Know	Household	2 stage stratified random sampling / cluster sampling

	5.24.1	HH Int.	WASH	How far is the nearest toilet for women from the household?	How far is the nearest toilet for women from the household?	Select one	Less than 50m (average 30 seconds walk); 51m - 100m (average over 30 seconds – 1 minute walk); 101 - 200m (average over 1 minute – 2 minute walk); 201 - 500m (average over 2 minute – 5 minute walk); Over 500m (Over 5 minute walk); Don't Know	Household	2 stage stratified random sampling / cluster sampling
	5.24.2	HH Int.	WASH	How far is the nearest toilet for men from the household?	How far is the nearest toilet for men from the household?	Select one	Less than 50m (average 30 seconds walk); 51m - 100m (average over 30 seconds – 1 minute walk); 101 - 200m (average over 1 minute – 2 minute walk); 201 - 500m (average over 2 minute – 5 minute walk); Over 500m (Over 5 minute walk); Don't Know	Household	2 stage stratified random sampling / cluster sampling
	5.25	HH Int.	WASH	Where do children under 5 who are living in this household usually go to defecate?	Where do children under 5 who are living in this household usually go to defecate?	Select one	Household toilet (1 household); Shared family toilet (2 - 3 households); Communal toilet (4 households or more); Diapers; Plastic bag; Bucket toilet; Open defecation; Other (specify); Don't Know		
	5.25.1	HH Int.	WASH	If there are children under 5 that don't use sanitation facilities (latrines/toilets), what is usually done with their faeces?	If there are children under 5 that don't use sanitation facilities (latrines/toilets), what is usually done with their faeces?	Select one	Collected and disposed in a sanitation facility (latrines/toilets); Collected and disposed of elsewhere; Nothing is done with it (open defecation); Buried it; Other (specify); Don't Know		



	5.25.2	HH Int.	WASH	Did any of the following problems related to the toilet occur in the last 30 days?	Did any of the following problems related to the toilet occur in the last 30 days?	select multiple	Not enough facilities too crowded; Lack of privacy; Connection to sewage blocked; No water to flush; Septic tanks not emptied; Pipes blocked; Toilets unclean; Lack of ability to get there without assistance; It is not safe (No Lock bolt); It is not safe (No light); It is not safe (Bothered on the way); It is not safe (Bothered at facility); No problems; Other (specify)		
	5.26	HH Int.	WASH	What is the method of disposing wastewater from your HH toilet?	What is the method of disposing wastewater from your HH toilet?	Select one	Connection to sewer network; Connection to HH septic tank; Surface run-off (discharged to ground/open trench); Other (specify)		
	5.26.1	HH Int.	WASH	What percentage of income is used on desludging of septic tank?	What percentage of income is used on desludging of septic tank?	integer			
	5.26.2	HH Int.	WASH	How much your HH spent in the past 3 months on septic tank desludging? (in SYP)	How much your HH spent in the past 3 months on septic tank desludging? (in SYP)	integer			
	5.26.3	HH Int.	WASH	Would you would be willing to pay for desludging of the household septic tank?	Would you would be willing to pay for desludging of the household septic tank?	Select one	Yes; No, I'm not willing to pay; I couldn't afford to pay		
	5.26.3.1	HH Int.	WASH	What is the maximum amount (SYP) you would be willing to pay per month for desludging of the household septic tank?	What is the maximum amount (SYP) you would be willing to pay per month for desludging of the household septic tank?	integer			

	5.27	HH Int.	WASH	Did you face any challenges related to wastewater disposal or toilet functionality in the last 30 days?	Did you face any challenges related to wastewater disposal or toilet functionality in the last 30 days?	select multiple	Connection to sewage blocked; Sewage overflowing in the neighborhood; Septic tank not emptied due to unavailability of desludging service; Could not afford desludging of septic tank; Lack of ability to get to the toilet without assistance; Pipes blocked; No water to flush; Toilets unclean; No problem reported; Other (specify)		
	5.28	HH Int.	WASH	Do your household members have access to a functioning bathing facility?	Do your household members have access to a functioning bathing facility?	Select one	Yes, all members; Yes, but only some members; No		
	5.28.1	HH Int.	WASH	Which household members did not have access to a functioning bathing facility?	Which household members did not have access to a functioning bathing facility?	select multiple	Males 0-3: Females 0-3: Males 4-5: Females 4-5: Males 6-10: Females 6-10: Males 11-17: Females 11-17: Males 18-59: Females 18-59: Males 60+: Females 60+:		
	5.28.2	HH Int.	WASH	Does the HH member(s) you identified with physical/cognitive difficulties have safe access to a functioning bathing facility?	Does the HH member(s) you identified with physical/cognitive difficulties have safe access to a functioning bathing facility?	Select one	Yes; No; Don't know		
	5.29	HH Int.	WASH	Do you have access to a handwashing station in the camp/site?	Do you have access to a handwashing station in the camp/site?	Select one	Yes; No; Don't know		
	5.30	HH Int.	WASH	Is there water and soap available in the household for handwashing?	Is there water and soap available in the household for handwashing?	Select one	Yes, both water and soap available; Yes, water but no soap available; Yes, soap but no water for handwashing in the household; No, neither available; Not sure		
	5.31	HH Int.	WASH	Do you have access to a laundry station in the camp/site?	Do you have access to a laundry station in the camp/site?	Select one	Yes; No; Don't know		

1. What are the WASH needs of IDPs living in camps and collective centres in the assessed sub-districts?	6.1	HH Int.	Health	Have any individuals in the household had diarrhea in the past 30 days?	Have any individuals in the household had diarrhea in the past 30 days?	Select one	Yes; No; Don't know		
	6.1.1	HH Int.	Health	How many individuals in the following categories have had diarrhea in the past 30 days?	How many individuals in the following categories have had diarrhea in the past 30 days?	integer	Males 0-3: Females 0-3: Males 4-5: Females 4-5: Males 6-10: Females 6-10: Males 11-17: Females 11-17: Males 18-59: Females 18-59: Males 60+: Females 60+:		
	6.1.2	HH Int.	Health	How many of the HH members you identified with physical/cognitive difficulties have had diarrhea in the past 30 days?	How many of the HH members you identified with physical/cognitive difficulties have had diarrhea in the past 30 days?	integer			
	6.2	HH Int.	Health	Have any individuals in the household had Leishmaniasis (Aleppo Boil) in the past 30 days?	Have any individuals in the household had Leishmaniasis (Aleppo Boil) in the past 30 days?	Select one	Yes; No; Don't know		
	6.2.1	HH Int.	Health	How many individuals in the following categories had Leishmaniasis (Aleppo Boil) in the past 30 days?	How many individuals in the following categories had Leishmaniasis (Aleppo Boil) in the past 30 days?	integer	Males 0-3: Females 0-3: Males 4-5: Females 4-5: Males 6-10: Females 6-10: Males 11-17: Females 11-17: Males 18-59: Females 18-59: Males 60+: Females 60+:		
	6.2.2	HH Int.	Health	How many individuals in the following categories had Leishmaniasis (Aleppo Boil) in the past 30 days?	How many individuals in the following categories had Leishmaniasis (Aleppo Boil) in the past 30 days?	integer			
	6.3	HH Int.	Health	Have any individuals in the household had respiratory illness in the past 30 days?	Have any individuals in the household had respiratory illness in the past 30 days?	Select one	Yes; No; Don't know		

	6.3.1	HH Int.	Health	How many individuals in the following categories had respiratory illness in the past 30 days?	How many individuals in the following categories had respiratory illness in the past 30 days?	integer	Males 0-3: Females 0-3: Males 4-5: Females 4-5: Males 6-10: Females 6-10: Males 11-17: Females 11-17: Males 18-59: Females 18-59: Males 60+: Females 60+:		
	6.3.2	HH Int.	Health	How many of the HH members you identified with physical/cognitive difficulties had respiratory illness in the past 30 days?	How many of the HH members you identified with physical/cognitive difficulties had respiratory illness in the past 30 days?	integer			
2. What are the current conditions of WASH facilities, items, and services for populations living in assessed sub-districts?	7.1	HH Int.	Observation	Could you direct me to your toilet and handwashing facilities?	Could you direct me to your toilet and handwashing facilities?	Select one	Yes; No		
	7.1.1	HH Int.	Observation	Are soap and water available at the handwashing facility?	Are soap and water available at the handwashing facility?	Select one	Soap only; Water only; Soap and water; No water and no soap; No handwashing facilities		
	7.1.2	HH Int.	Observation	Toilet status	Toilet status	Select one	Clean and functional; Functional but dirty; Not functional and dirty		
	7.1.2.1	HH Int.	Observation	Note any problems observed with the toilet:	Note any problems observed with the toilet:	select multiple	Lack of water for flushing; Septic tank is full; Sewage is clogged/overflowing; Sewage system is broken or leaking; No lights or locks in toilets; No door; Makeshift toilet (no sewer or septic tank connection); No toilet paper or water for cleansing; No issues observed; Other (specify); Don't Know		

	7.2	HH Int.	Observation	Ask for a glass of water that household would typically use for drinking purposes. Test the water with a pool tester. What is the free chlorine residual (mg/L) in the sample?	Ask for a glass of water that household would typically use for drinking purposes. Test the water with a pool tester. What is the free chlorine residual (mg/L) in the sample?	Select one	0 0.1 0.2 0.3 0.4 0.5 1 2 3		
	7.3	HH Int.	Observation	Can you see visible traces of human faeces in the vicinity of the household (50 meters or less) :	Can you see visible traces of human faeces in the vicinity of the household (50 meters or less) :	Select one	Yes; No		
	7.4	HH Int.	Observation	Can you see accumulated solid waste in the vicinity of the household (50 meters or less):	Can you see accumulated solid waste in the vicinity of the household (50 meters or less):	Select one	Yes; No		
	7.5	HH Int.	Observation	Can you see visible stagnant water in the vicinity of the household (50 meters or less) :	Can you see visible stagnant water in the vicinity of the household (50 meters or less) :	Select one	Yes; No		
	7.6	HH Int.	Observation	Do you (enumerator) have any other comments on the WASH status of this household?	Do you (enumerator) have any other comments on the WASH status of this household?	Text			

## 5. Data Management Plan

Data Management Plan is available on request.

## 6. Monitoring & Evaluation Plan

- Please complete the M&E Plan column in the table and use the corresponding Tools in the Monitoring & Evaluation matrix to implement the plan during the research cycle.

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  Number of individuals accessing IMPACT services/products	# of downloads of x product from Resource Centre	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		X Yes
		# of page clicks on x product from REACH global newsletter	Country request to HQ		X Yes
		# of page clicks on x product from country newsletter, sendingBlue, bit.ly	Country team		X Yes
		# of visits to x webmap/x dashboard	Country request to HQ		X Yes
IMPACT activities contribute to better program implementation and coordination of the humanitarian response	Number of humanitarian organisations utilizing IMPACT services/products	# references in HPC documents (HNO, SRP, Flash appeals, Cluster/sector strategies)	Country team	Reference_log	HNO 2019
		# references in single agency documents			UNCEF WASH Strategy
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_Feed back and Usage_Survey template	Usage survey on all REACH Syria products likely to be conducted between November- December 2019 and will include

	Number of humanitarian documents (HNO, HRP, cluster/agency strategic plans, etc.) directly informed by IMPACT products	<div>Perceived usefulness and influence of IMPACT outputs</div> <div>Recommendations to strengthen IMPACT programs</div> <div>Perceived capacity of IMPACT staff</div> <div>Perceived quality of outputs/programs</div> <div>Recommendations to strengthen IMPACT programs</div>			questions on the WASH Assessment.
<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> )	<div># of organisations providing resources (i.e. Staff, vehicles, meeting space, budget, etc.) for activity implementation</div> <div># of organisations/clusters inputting in research design and joint analysis</div> <div># of organisations/clusters attending briefings on findings;</div>	Country team	Engagement_log	<div>X Yes</div> <div>X Yes</div> <div>X Yes</div>





## ANNEX 1: WORKPLAN

### WASH HNO 2020 Assessment - Project Schedule

		Project Start Date 6/10/2019 (Monday)		1		Week 1		Week 2		Week 3		Week 4		Week 5		Week 6		Week 7		Week 8		Week 9		Week 10		Week 11		Week 12		Week 13		Week 14									
		Project Lead Jordan				10 Jun 2019		17 Jun 2019		24 Jun 2019		1 Jul 2019		8 Jul 2019		15 Jul 2019		22 Jul 2019		29 Jul 2019		5 Aug 2019		12 Aug 2019		19 Aug 2019		26 Aug 2019		2 Sep 2019		9 Sep 2019									
						10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
WBS	TASK	START	END	% DONE	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S		
1	Planning Documents and Operations																																								
1.1	Confirmation of methodology with WASH cluster/UNICEF - Finalise Programme Document	09/06/2019	11/06/2019	100%																																					
1.2	Sampling, coordination with partners and partner data collection allocations	11/06/2019	18/06/2019	75%																																					
1.3	KoBo tool build	16/06/2019	20/06/2019	100%																																					
1.4	Tool testing and revision	20/06/2019	25/06/2019	80%																																					
1.5	Final tool version confirmed	26/06/2019	26/06/2019	0%																																					
1.6	Preparation and finalisation of training materials	24/06/2019	27/06/2019	50%																																					
2	Data collection and FLATs																																								
2.1	Training of Trainers	27/06/2019	01/07/2019	0%																																					
2.2	REACH Enumerator Training	01/07/2019	02/07/2019	0%																																					
2.3	Partner Enumerator Training	02/07/2019	03/07/2019	0%																																					
2.4	Data collection pilot (REACH NES)	03/07/2019	04/07/2019	0%																																					
2.5	Data collection (NES)	07/07/2019	30/07/2019	0%																																					
2.6	Data Collection (NWS)	07/07/2019	30/07/2019	0%																																					
2.7	Ongoing data checking and cleaning	08/07/2019	31/07/2019	0%																																					
3	Data Analysis - PiN & Severity Score Calculations																																								
3.1	Compile partner datasets	15/07/2019	06/08/2019	0%																																					
3.2	Finalising the dataset for IDP camps & sites	04/08/2019	06/08/2019	0%																																					
3.3	Data manipulation	04/08/2019	06/08/2019	0%																																					
3.4	Data Validation	07/08/2019	11/08/2019	0%																																					
3.5	Analysis meetings with UNICEF + partners	05/08/2019	10/08/2019	0%																																					
3.6	PiN and Severity Score calculations	08/08/2019	19/08/2019	0%																																					
3.7	Deliver final dataset to WASH Cluster	20/08/2019	20/08/2019	0%																																					
4	Output Creation																																								
4.1	Factsheets drafting	21/08/2019	05/09/2019	0%																																					

## ANNEX 2: RISKS/ASSUMPTIONS

Risk	Mitigation Measure
Potential inaccessibility of particular sites due to security constraints.	Security situation will be monitored at the start of data collection with a clear back-up plan allocating enumerator to collect data from other areas; if the security situation subsides, data can be collected at a later point in time from the location at a later point during the data collection period. If it is not possible to gather data from certain locations, analysis will make clear that these locations are excluded when generalising findings across the area. The cluster will be notified and consulted throughout.
Security situation results in travel time to certain areas being increased.	The security situation will be continually monitored, and alternative routes identified.
Partners are unwilling to cooperate	Clear communication and outreach to key stakeholders conducted during initial stages of the project; ensuring strong backing from WASH cluster coordinator and support in contacting partners.
Delays in data collection, jeopardising completion before the deadline	Partners and REACH field teams will be asked to identify supplementary enumerators that they may deploy if necessary.
Randomly selected sample of households generate non-responses.	Ensure overall sample contains a 10% buffer, with the aim to survey 10% more respondents than needed to reach the target sample size.

## ANNEX 3: WASH ASSESSMENT SAMPLING GUIDELINES FOR ENUMERATORS

### Scenario A: GIS sampling (camps)

#### Steps:

- GIS to be used to select locations in each site at random
  - If population density of areas within the site is known, GIS sampling will employ weighting by population numbers
- Extra points to be generated to create a buffer – these extra points are to be kept on a separate list
- Enumerators go to selected locations, interview nearest household
- If the nearest household does not want to cooperate, the situation in the point presents a security threat, or no person over the age of 18 is present, enumerators move on to the next point
- If the list of points has been exhausted, and the target number of interviews for the site has not been met, enumerators will use the extra points from the separate list

#### Assumptions:

- Site is a camp (method does not work inside buildings)
- Location, boundaries, and layout of the camp are known
- Enumerators have access to software or maps that will direct them to the generated GPS locations

### Scenario B: randomised sampling in camps with little prior knowledge

#### Steps:

- Data collection team meets at centre of the camp
- Each enumerator spins a pen and starts walking outwards (i.e. towards the outer boundaries of the camp) in the direction indicated by the pen
- While walking on that path, each enumerator counts the number of households it takes them to reach the end of the camp
- Once at the end, the enumerator determines which households to visit by dividing the # of households by the target # of surveys
- The enumerator walks back towards the centre, and interviews every nth household until their target is met
- If households are not present, the households living to the left (in the first instance) or the right (if the household to the left is not present) of the intended household may be interviewed

#### Assumptions:

- Site is a camp or otherwise has defined paths leading through it
- Site has relatively clear boundaries

### Scenario C: sampling inside a building

#### Steps:

- Upon arriving to the site, enumerator checks how many households are present (if asking residents is not an option, this number can be based on previous estimates)
- Enumerator checks how many floors there are in the building
- With a random number generator, enumerator selects 1) the floor and 2) the household number

- to interview – repeats this until the target number is reached
- Walking from the entrance to the building (or the stairwell if not on the ground floor), the enumerator counts the number of households they walk past, until they have reached the number they have generated
- If households are not present or refuse to be interviewed and the minimum target of interviews is not met, additional household numbers may be generated.

Assumptions:

- Enumerators have access to a random number generator, or are able to receive random numbers from somewhere else<sup>20</sup>
- Enumerators are able to count households as they walk inside the building, keeping in mind that households may at times share shelters.