

Research Methodology Note

NES Area-Based Assessments, Raqqa City ABA: Round II

RC SYR1707a

Syria

May 2018

v1

REACH Informing
more effective
humanitarian action

1. Executive Summary

Country of intervention	Syria		
Type of Emergency	<input type="checkbox"/> Natural disaster	<input checked="" type="checkbox"/> Conflict	
Type of Crisis	<input type="checkbox"/> Sudden onset	<input type="checkbox"/> Slow onset	<input checked="" type="checkbox"/> Protracted
Mandating Body/ Agency	REACH		
Project Code	16 CZH		
Research Timeframe	1. Start collect data: 17/05/2018		4. Data sent for validation: 03/06/2018
	2. Data collected: 29/05/2018		5. Outputs sent for validation: 04/06/2018
	3. Data analysed: 31/05/2018		6. Outputs published: 07/06/2018
Humanitarian milestones <i>Specify what will the assessment inform and when e.g. The shelter cluster will use this data to draft its Revised Flash Appeal:</i>	Milestone		Deadline
	<input type="checkbox"/>	Donor plan/strategy	
	<input checked="" type="checkbox"/>	Inter-cluster plan/strategy	01/08/2018
	<input checked="" type="checkbox"/>	Cluster plan/strategy	01/08/2018
	<input type="checkbox"/>	NGO platform plan/strategy	
<input type="checkbox"/>	Other (Specify):		
Audience Type & Dissemination <i>Specify who will the assessment inform and how you will disseminate to inform the audience</i>	Audience type		Dissemination
	<input checked="" type="checkbox"/> Strategic <input checked="" type="checkbox"/> Programmatic <input checked="" type="checkbox"/> Operational <input type="checkbox"/> [Other, Specify]		<input checked="" type="checkbox"/> General Product Mailing (e.g. mail to NGO consortium; HCT participants; Donors) <input type="checkbox"/> Cluster Mailing (Education, Shelter and WASH) and presentation of findings at next cluster meeting <input type="checkbox"/> Presentation of findings (e.g. at HCT meeting; Cluster meeting) <input checked="" type="checkbox"/> Website Dissemination (Relief Web & REACH Resource Centre) <input type="checkbox"/> [Other, Specify]
Detailed dissemination plan required	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
General Objective	Inform evidence-based programming by humanitarian and stabilization actors and service delivery providers at the neighbourhood level in Ar-Raqqa city.		
Specific Objective(s)	<ul style="list-style-type: none"> Identify primary needs of civilians living in and recently returning to Ar-Raqqa city and triangulate with service delivery capacity/catchment areas to identify current/potential unmet needs Identify primary barriers faced by civilians in accessing services 		

	<ul style="list-style-type: none"> • Identify prices of core food items, non-food items and water trucking services in Ar-Raqqa city • Identify how frequently vendors restock and the differences in availability of items by neighbourhood • Identify supply networks for food, non-food and trucked water (from wholesaler to end consumer) • Identify extent with which vendors allow customers to purchase goods and services on credit • Identify main barriers to vendors opening shops in Ar-Raqqa city • Assess extent with which vendors in Ar-Raqqa city are able to increase their supplies in response to increased customer demand
Research Questions	<p>Needs assessment</p> <ul style="list-style-type: none"> • What are the primary needs of the population living in or returning to the city? • What are the primary barriers faced by civilians in accessing services? <p>Markets assessment</p> <ul style="list-style-type: none"> • What are the prices of core food items, non-food items and water trucking services for consumers and retail vendors in Ar-Raqqa city, and how have these prices changed since residents began voluntarily returning to the city following the cessation of conflict in October 2017? Do these prices differ by neighbourhood?¹ • How often do wholesale and retail vendors in Ar-Raqqa city refresh their stocks and face shortages? Does availability of these items differ by neighbourhood? • What are the sources of food and non-food products for vendors in Ar-Raqqa city? Do these sources differ by neighbourhood?² • Where do the households who purchase goods from retail vendors in Ar-Raqqa city live? • To what extent do vendors in Ar-Raqqa city allow customers to purchase goods and services on credit? Does the prevalence of this practice differ by neighbourhood? • What are the main barriers to vendors opening or operating shops in Ar-Raqqa city? Do these barriers differ by neighbourhood? • To what extent are vendors in Ar-Raqqa city able to increase their supplies of core food items, non-food items, and trucked water in response to increases in demand from consumers? Does this capability differ by neighbourhood? • What are the sources of water delivered by water trucking providers in Ar-Raqqa city? Is the water treated?

¹ The market assessment component will focus on those Ar-Raqqa city neighbourhoods previously identified as primary nodes of service delivery in the March 2018 ABA and for which access is more feasible. These neighbourhoods are Meshlab (Ammar Ibn Yasser/Ma'amoun), Rmelah (Tishrine/Baath), Old Raqqa (Rafqa/Mahdi), Hisham Ibn Abd Malek, Bain al-Jisreen (Furat), Dariyeh (Qadessiyeh), Tay'yar (Yarmuk), and Benurama (Tas-heeh). As a result, findings from the market assessment regarding differences between neighbourhoods will only be applicable to these eight neighbourhoods.

² The food and non-food items to be included in the market assessment are as follows: rice; flour; red lentils; cooking oil; sugar; meat; chicken; tomatoes; cucumbers; yellow onions; canned hummus; canned fava beans; canned tuna; bread; sanitary pads; bath soap; laundry powder; cooking fuel; and water containers.

Geographic Coverage	Needs assessment: All neighbourhoods/data collection units (DCUs) of Ar-Raqqa city ³ Market assessment: Eight specified DCUs ¹					
Secondary data sources	REACH, Situation Overview: Area-based Assessment of Ar-Raqqa City, March 2018 REACH, Situation Overview: Ar-Raqqa City Infrastructure and Basic Needs Assessment, February 2018					
Population(s) <i>Select all that apply</i>	<input type="checkbox"/>	IDPs in camp	<input type="checkbox"/>	IDPs in informal sites		
	<input 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"/>	Non-displaced (hosting)	<input type="checkbox"/>	Non-displaced (not hosting)		
	<input checked="" type="checkbox"/>	Returnees	<input type="checkbox"/>	[Other, Specify]		
Stratification <i>Select type(s) and enter number of strata</i>	<input checked="" type="checkbox"/>	Geographical #: 22 Population size per strata is known? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/>	Group #: ___ Population size per strata is known? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/>	[Other Specify] #: __ Population size per strata is known? <input type="checkbox"/> Yes <input type="checkbox"/> No
Data collection tool(s)	<input checked="" type="checkbox"/>	Structured (Quantitative)- Market assessment	<input checked="" type="checkbox"/>	Semi-structured (Qualitative)- Needs assessment		
		Sampling method		Data collection method		
Semi-structured data collection tool (s) # 1 <i>Select sampling and data collection method and specify target # interviews</i>	<input checked="" type="checkbox"/>	Purposeful		<input checked="" type="checkbox"/>	Key informant interview (Target #):66	
	<input type="checkbox"/>	Snowballing		<input type="checkbox"/>	Individual interview (Target #):_____	
	<input type="checkbox"/>	[Other, Specify]		<input type="checkbox"/>	Focus group discussion (Target #):_____	
				<input type="checkbox"/>	[Other, Specify] (Target #):_____	
Structured data collection tool # 1 <i>Select sampling and data collection method and specify target # interviews</i>	<input checked="" type="checkbox"/>	Purposeful		<input checked="" type="checkbox"/>	Key informant interview (Target #): 60 - 80	
	<input type="checkbox"/>	Probability / Simple random		<input type="checkbox"/>	Group discussion (Target #):_____	
	<input type="checkbox"/>	Probability / Stratified simple random		<input type="checkbox"/>	Household interview (Target #):_____	
	<input type="checkbox"/>	Probability / Cluster sampling		<input type="checkbox"/>	Individual interview (Target #):_____	
	<input type="checkbox"/>	Probability / Stratified cluster sampling		<input type="checkbox"/>	Direct observations (Target #):_____	
	<input type="checkbox"/>	[Other, Specify]		<input type="checkbox"/>	[Other, Specify] (Target #):_____	
Target level of precision if probability sampling	__% level of confidence			__+/- % margin of error		
Data management platform(s)	<input checked="" type="checkbox"/>	IMPACT		<input type="checkbox"/>	UNHCR	
	<input type="checkbox"/>	[Other, Specify]				
Expected output type(s)	<input checked="" type="checkbox"/>	Situation overview #: 1	<input type="checkbox"/>	Report #: __	<input type="checkbox"/>	Profile #: __
	<input type="checkbox"/>	Presentation (Preliminary findings) #: __	<input type="checkbox"/>	Presentation (Final) #: __	<input type="checkbox"/>	Factsheet #: __
	<input type="checkbox"/>	Interactive dashboard #: _	<input type="checkbox"/>	Webmap #: __	<input type="checkbox"/>	Map #: __

³ REACH has identified 22 distinct Data Collection Units (DCUs) that were delineated through participatory mapping with key informants in previous iterations of REACH assessments in Raqqa city. These DCUs were defined based on the areas within which key informants could most easily report population information, and encompass official administrative boundaries of the neighbourhoods. The DCUs (and corresponding neighbourhood names) are as follows: Meshlab (Ammar ibn Yaser/Ma'amoun), Sinaa (Batani), Rmelah (Tishrine/Baath), Magaf (Tishrine), Muthana (Baath), Qaraba (Al-Thawrah), Keytar (Al-Thawrah), Hettin (Salhiyah/Batani), Old Raqqa (Mahdi/Rafqa), Hisham ibn abd al-Malek, Rasheed (Amin, Mansour, Rashidiyeh), Fardous (Amin), Ethezana (Amin), Bain al-Jisreen (Furat), Al Baasil (Tas-heeh), Benurama (Tas-heeh), Tawoosuiyeh (Nahda/Wihdeh), Harrit al-Beydo (Hurriyeh), Andalus, Rumaniyeh (Hettin/Ad Dari'yeh), Dari'yeh (Qadessiyeh), and Tay'yar (Yarmuk).

	X	Dataset #: 2
Access	X	Public (available on REACH resource center and other humanitarian platforms)
	<input type="checkbox"/>	Restricted (bilateral dissemination only upon agreed dissemination list, no publication on REACH or other platforms)
Visibility <i>Specify which logos should be on outputs</i>		REACH

2. Rationale

2.1. Rationale

Ar-Raqqa city was completely evacuated of civilians by October 2017, following months of intense conflict. Despite widespread damage, high levels of unexploded ordnance contamination and a lack of basic services, residents began returning to their homes in large numbers immediately after the cessation of conflict during that month. REACH has conducted a series of assessments to monitor the humanitarian situation as voluntary returns occur and services begin to resume, most recently an area-based assessment (ABA) in Ar-Raqqa city in March 2018.⁴ The assessment examined the multi-sectoral needs of civilians living in the city and their access to relevant services and infrastructure, and followed a February 2018 services and infrastructure assessment⁵ as well as two returns assessments in December 2017⁶ and January 2018⁷.

The March 2018 assessment found that although services have resumed in the city and returns have somewhat stabilised, ongoing access issues, infrastructure damage and protection concerns continue to pose significant challenges both for those seeking to access services and those seeking to provide them. As a result, the situation in the city remains fluid, particularly with regard to priority needs and vulnerabilities. Accordingly, REACH plans to conduct a second needs assessment in the city, to monitor how the neighbourhood-level and city-wide situation has changed since March, inform the humanitarian response in the short/medium term, and feed into the information management mechanisms (currently under development) for identifying response gaps.

In addition, the March area-based assessment found that markets selling food and non-food items have opened and most core items are available to residents of the city. An information gap remains concerning retailers' and wholesalers' capacity to meet increased demand – which would likely occur in the event of wide-scale cash programming in the city. To this end, REACH plans to conduct a market assessment in parallel to the needs assessment, to assess markets' capacity to respond to increases in consumer demand that might follow the initiation of cash programming, and to understand how the current market situation corresponds with needs and vulnerabilities. This component of the assessment will also assess water trucking vendors in the city, which the March 2018 assessment identified to be a primary source of water given the extent of the main water network damage.

3. Methodology

2.1. Methodology overview

The assessment will consist of two data collection components:

- 1) **A neighbourhood-level multisector needs assessment** component to understand priority needs and vulnerabilities at the neighbourhood-level
- 2) **A market assessment component** with food, non-food item and water trucking vendors to assess markets' ability to respond to increased consumer demand in the city.

⁴ REACH, [Area-Based Assessment of Ar-Raqqa City](#), March 2018

⁵ REACH, [Ar-Raqqa City Infrastructure and Basic Services](#), February 2018

⁶ REACH, [Ar-Raqqa City Returns](#), December 2017

⁷ REACH, [Ar-Raqqa City Returns](#), January 2018

Both data collection exercises will consist of multiple key informant (KI) interviews. The findings of both data collection exercises will be analysed in tandem, with the purpose of understanding how multisector needs have developed since the previous assessment in March 2018 and how these relate to the current food and NFI market situation. Further, the findings of the assessment will also be analysed in comparison with previous data collection rounds, namely the March 2018 area-based needs assessment and the February 2018 services and infrastructure assessment.

Key definitions

Data collection unit (DCU): As a city that has witnessed multiple changes in its governance structure over the past decade, and continues to feature a diverse ethnic makeup, there are numerous names and boundaries used to identify communities and delineate the borders between different areas. Following a participatory mapping exercise at the start of 2018, REACH teams identified areas commonly identified as “neighbourhoods” by Ar-Raqqa city residents – as these areas differ slightly from the official neighbourhood areas, they are referred to as “data collection units” (DCUs). The primary reason for using these DCUs is to ensure accuracy of reported data when “neighbourhood-level” findings are reported (i.e. to ensure KIs are reporting according to their area of knowledge from a geographic standpoint).

2.2. Population of interest

- 1) **Needs assessment component:** Previous REACH assessments found that spontaneous returns have now occurred (to varying levels) across the city. Accordingly, the needs assessment will be conducted in all 22 DCUs to capture city-wide needs and any differences between areas. The assessment will focus on all population groups, with KIs answering DCU-level questions.
- 2) **Market assessment component:** The March 2018 REACH area-based assessment found that there are key areas of the city that residents travel to in order to access goods and services. As such, while the market assessment seeks to provide a city-level analysis of market capacity, those key areas identified through the previous assessment will be the main areas of focus for this data collection exercise. The eight primary assessed DCUs (neighbourhoods) will be:
 - Meshlab (Ammar Ibn Yasser/Ma’amoun)
 - Rmelah (Tishrine/Baath)
 - Old Raqqa (Rafqa/Mahdi)
 - Hisham Ibn Abd Malek (Hisham Ibn Abd Malek)
 - Key’tar (Al-Thawrah/Hurriyeh)
 - Dariyeh (Qadessiyeh)
 - Tay’yar (Yarmuk)
 - Benurama (Tas-heeh)

Nodal maps from the April 2018 Raqqa area-based assessment displaying prominent destinations for markets in the city will be attached to the output as an annex, in order to clarify how these eight neighbourhoods were selected.⁸ Additional DCUs will also be considered for data collection depending on the findings of the needs assessment.

2.3. Secondary data review

The design of this assessment, particularly the market assessment component, is driven by the findings of previous REACH assessments. The neighbourhoods where data collection with retailers/wholesalers will be conducted have been selected according to areas identified by respondents in the March 2018 assessment as key market areas in the city.

While no indicators will be directly addressed through secondary data, a number of information sources will be used for the triangulation of the findings collected through primary data collection. These include previous REACH assessments, such

⁸ These nodal maps are attached to this methodology note as an annex.

as the [March 2018 Area-based Assessment](#) and the [February 2018 Infrastructure and Basic Services Assessment](#). Data from the market assessment component will be triangulated with findings of the REACH monthly Market Monitoring exercise, which has several months of data for Ar-Raqqa governorate. Situation reports from other organisations and agencies will also be used for triangulation, particularly to understand access to humanitarian assistance and primary needs.

Primary Data Collection

REACH will conduct data collection for this assessment in May 2018. The two data collection exercises will be structured as follows:

- 1) **Needs assessment component:** REACH will conduct data collection through remote and in-person (where possible) key informant (KI) interviews. A minimum of three KIs will be interviewed for each DCU in order to account for any outliers, anomalous findings, or topics where KIs are unable to provide accurate information (this will result in a minimum of 66 KIs across the city). Findings will then be aggregated to the DCU and city levels.
 - **Sampling:** KIs will be identified through the REACH KI network and will be selected according to their knowledge of the needs of the neighbourhood population. Examples of KI profiles include community leaders and community members.
 - **Tools:** Semi-structured KI tool, featuring primarily closed questions with a small number of open questions to capture additional qualitative details. Questions will be numeric (KIs asked to provide integers), categorical (KIs asked to select single/multiple options out of a defined list of answers), and ordinal (KIs asked to rank answers). The survey will be deployed to the REACH Kobo server. Indicators and corresponding questions will be designed in partnership with humanitarian partners.
 - **Triangulation:** Data will be checked daily and triangulated with previous REACH data collection exercises in Ar-Raqqa city and also ad-hoc assessments conducted by humanitarian partners in the city. Discrepancies will be flagged for follow ups and additional KIs will be conducted when necessary.
- 2) **Market assessment component:** REACH will conduct data collection through remote and in-person (where possible) KI interviews. Three categories of vendors will be targeted for the market assessment:
 - i. **Retail vendors:** At least 3 KI interviews with retail vendors will be conducted for each DCU of interest, as a minimum of three sets of price and stock data will be collected for each of the 19 assessed food and non-food items in each assessed DCU - therefore the number of KIs will depend on the number of assessed items that each vendor has in stock. Typically, between 8 and 12 vendors are interviewed per community for the monthly Syria Market Monitoring Exercise⁹, which uses a similar approach.
 - ii. **Wholesale suppliers:** Suppliers from across the city will be interviewed in order to attain a minimum of three sets of price and stock data for 18 of the 19 food and non-food items to be assessed for retail vendors (bread will be excluded, as it is rarely sold in mass quantities to other vendors).
 - iii. **Water truckers:** At least 30 water truckers will be interviewed, and they will be selected in a way that ensures the widest geographical coverage of the city possible.
- **Sampling:** For retail vendors to be included in the exercise, they must be permanent in nature, large enough to support at least two wholesalers (when possible), and diverse enough to provide a variety of goods and commodities; shops selling only one type of item will be excluded). While vendors' locations were identified in most of the neighbourhoods of interest through the neighbourhood profiles included the previous round of ABA, in other neighbourhoods a vendor identification exercise will be conducted by REACH assessment staff prior to data collection, with additional vendors identified to account for any non-responses. Additionally, in the case that interviewed retail vendor KIs indicate there are a substantial number of wholesale suppliers in the city, the target number of wholesale supplier KIs will be adjusted accordingly.

⁹ REACH, [March 2018 Syria Market Monitoring Exercise](#), March 2018

- **Tools:** A structured survey form will be deployed to Kobo and will include questions to capture price and stock information from different types of vendors. Questions will be numeric (KIs asked to provide integers), categorical (KIs asked to select single/multiple options out of a defined list of answers), and ordinal (KIs asked to rank answers). Indicators and corresponding questions will be designed in partnership with humanitarian partners.
- **Triangulation:** Data will be checked daily and data will be triangulated with previous REACH data collection exercises that captured price data (March 2018) and also with REACH Market Monitoring data (collected monthly in Ar-Raqqa sub-district and other areas of Northeast Syria).

2.5. Data Processing & Analysis

For both data collection exercises, data will be collected through a Kobo form developed by the REACH assessment team in collaboration with key partners either implementing or planning to implement in Ar-Raqqa city. REACH field teams will complete and submit the forms to the REACH Kobo server on a daily basis. The assessment team will then review daily submissions and flag any issues for follow ups the following day. All follow ups and changes made to the raw datasets in the data cleaning process will be logged in the data cleaning log.

For data processing and analysis specific to each data collection component:

- 1) **Needs assessment component:** Findings from the 3 KIs in each DCU will be aggregated to the DCU level and also the city level (sum or average for continuous variables, most commonly selected for categorical variables). In the event of conflicting findings from KIs in a single DCU, follow ups will be conducted by field staff and additional KIs will be contacted if necessary. Findings concerning access, particularly the areas travelled to for accessing goods and services, will potentially be analysed at the area level (East, West, Centre) depending on the applicability of the results.
- 2) **Market assessment component:** Once three prices have been collected for each assessed item in each DCU, outliers will be removed and the median prices will be calculated. Information on stock levels, barriers to markets opening and capacity to increase supply will be aggregated to the neighbourhood and city levels.

3. Roles and responsibilities

Table 2: Description of roles and responsibilities

<i>Task Description</i>	<i>Responsible</i>	<i>Accountable</i>	<i>Consulted</i>	<i>Informed</i>
<i>Research design</i>	Assessment Officer	Assessment Manager	Research Design Unit	Sector coordinators, REACH Global Coordinator
<i>Supervising data collection</i>	Data Collection Officer	Assessment Officer	Assessment Manager	Research Design Unit, Data Unit, Reporting Unit
<i>Data processing (checking, cleaning)</i>	Assessment Officer	Assessment Manager	Data Unit	Reporting Unit
<i>Data analysis</i>	Assessment Officer, GIS Officer	Assessment Manager	Data Unit	Reporting Unit
<i>Output production</i>	Assessment Officer, GIS Officer	Assessment Manager	Reporting Unit, Data Unit, GIS Unit	REACH Global Coordinator

<i>Dissemination</i>	Assessment Officer	Assessment Manager	Syria Coordinator	Sector coordinators, REACH Global Coordinator
<i>Monitoring & Evaluation</i>	Assessment Officer, GIS Officer, Data Collection Officer	Assessment Manager	Syria Coordinator	REACH Global Coordinator
<i>Lessons learned</i>	Assessment Officer	Assessment Manager	Syria Coordinator	REACH Global Coordinator, Sector coordinators

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.

Data Analysis Plan

Needs assessment KI question route							
Group	Q #	Indicator	Question	Type	Options	Data collection level	Aggregation/ Disaggregation
Basic information	1.1	Enumerator code	Enter enumerator code	Integer		N/A	N/A
	1.2	KI profession	Enter KI profession	Text		N/A	N/A
	1.3	KI gender	Enter KI gender	Select one	Female; Male	N/A	N/A
	1.4	KI age	Select KI age range	Select one	18-26; 27-45; 46-64; 65+	N/A	N/A
	1.5	KI phone number	Enter KI phone number	Text		N/A	N/A
	1.6	Neighbourhood of knowledge	Please enter the name of the neighbourhood for which you have knowledge.	Select one	Neighbourhood list	Neighbourhood	Neighbourhood level
	1.7	Neighbourhood access in the past month	Which of the following best describes your overall access level to the neighbourhood in the past month?	Select one	Visited neighbourhood once Visited neighbourhood multiple times Permanently live in the neighbourhood Have not visited the neighbourhood	Neighbourhood	Neighbourhood level
Demographics and movement	2.1	Neighbourhood population estimate unit	Are you more able to provide an accurate estimate for the number of households living in the neighbourhood, the number of individuals living in the neighbourhood, or both?	Select one	Households (families); Individuals; Both households and individuals	Neighbourhood	Neighbourhood level
	2.2	# of households residing in the neighbourhood	How many households are currently living in this neighbourhood?	Integer	Minimum; Maximum; Best guess;	Neighbourhood	Neighbourhood level

2.3	# of individuals residing in the neighbourhood	How many individuals are currently living in this neighbourhood?	Integer	Minimum; Maximum; Best guess;	Neighbourhood	Neighbourhood level
2.4	Most common profiles of households currently living in the neighbourhood	What are the three most common profiles of households who are living in the neighbourhood?	Rank up to three	Single males; Single females; Married males staying in the city without their family; Married females staying in the city without their family; Couples staying in the city without their children; Entire households staying in the city together; Other (specify); Not sure	Neighbourhood	Neighbourhood level
2.5	% of population by age group	What percentage of the current neighbourhood population falls into the following categories:	Integer	5 and under: ___% 6 to 17: ___% 18 to 59: ___% 60 and older: ___% Not sure	Neighbourhood	Neighbourhood level
2.6	Neighbourhoods within the city that are accessible by foot	Are civilians able to move on foot within the neighbourhood?	Select one	Yes with ease and few obstacles; Yes but with some difficulty and some obstacles; Yes but with major difficulty and many obstacles; No; Not sure	Neighbourhood	Neighbourhood level
2.6.1	Obstacles to movement by foot	What obstacles prevent civilians from moving by foot within the neighbourhood?	Text		Neighbourhood	Neighbourhood level
2.7.1	Locations within neighbourhoods that are accessible by foot	Please identify the areas of the neighbourhood that civilians are not able to access by foot	Read only - participatory mapping		Neighbourhood	Neighbourhood level

2.7	Neighbourhoods within the city that are accessible by small vehicles	Are civilians able to access areas of the neighbourhood with small vehicles (cars, vans, motorcycles)?	Select one	Yes with ease and few obstacles; Yes but with some difficulty and some obstacles; Yes but with major difficulty and many obstacles; No; Not sure	Neighbourhood	Neighbourhood level
2.7.1	Obstacles to movement in the neighbourhood with small vehicles	What obstacles prevent civilians from accessing areas of the neighbourhood with small vehicles (cars, vans)?	Text		Neighbourhood	Neighbourhood level
2.8.1	Locations within neighbourhoods that are accessible by small vehicles	Please identify the areas of the neighbourhood that are not accessible to small vehicles (cars, vans)	Read only - participatory mapping		Neighbourhood	Neighbourhood level
2.8	Neighbourhoods within the city that are accessible by large vehicles	Are civilians able to access areas of the neighbourhood with large vehicles (trucks, buses)?	Select one	Yes with ease and few obstacles; Yes but with some difficulty and some obstacles; Yes but with major difficulty and many obstacles; No; Not sure	Neighbourhood	Neighbourhood level
2.8.1	Obstacles to movement in the neighbourhood with large vehicles	What obstacles prevent civilians from accessing areas of the neighbourhood with large vehicles (trucks, buses)?	Text		Neighbourhood	Neighbourhood level
2.9.1	Locations within neighbourhoods that are accessible by large vehicles	Please identify the areas of the neighbourhood that are not accessible to large vehicles (trucks, buses)	Read only - participatory mapping		Neighbourhood	Neighbourhood level

	2.9	Main barriers to movement within the city	Which of the following are barriers to movement present within the neighbourhood?	Select multiple	Roadblocks; damaged roads; Mines or UXOs; Presence of armed actors; Curfews / official movement restrictions; Other (specify); None	Neighbourhood	Neighbourhood level
	2.9.1.	Other barrier to movement	Other (please specify):	Text		Neighbourhood	Neighbourhood level
	2.11.1	Barriers to movement within the city	For each of the barriers to movement identified, mark where the location on the map	Read only - participatory mapping	Roadblocks, damaged roads, presence of mines, presence of armed actors; Other (specify)	Neighbourhood	Neighbourhood level
Food	3.1	Most common sources of food accessed by residents of the neighbourhood in the past two weeks	What were the three most common sources of food accessed by people living in this neighbourhood in the past two weeks?	Select up to three	Purchasing from stores/markets in this neighbourhood; Purchasing from stores/markets in other neighbourhoods; Own production/farming; Relying entirely on food stored from previous weeks/months for emergencies; Assistance from local councils / NGOs / other groups; Gifts from family/friends; Begging/bartering; Borrowing; Hunting/gathering/catching; Other (specify); Not sure	Neighbourhood	Neighbourhood level

3.2	Availability of core food items in the neighbourhood in the past two weeks	In the past two weeks, what was the availability of the following food items in markets in the neighbourhood? Bread Rice Flour Lentils Cooking oil Sugar Meat Chicken Tomatoes Cucumbers Onions	Select one	Always/almost always available; Sometimes available; Not available; Not sure	Neighbourhood	Neighbourhood level
3.3	Affordability of core food items in the neighbourhood in the past two weeks	For each item that was available, please indicate if it was affordable	Select one	Affordable for the majority of people; Not affordable for the majority of people	Neighbourhood	Neighbourhood level
3.4	Functionality of food markets in the neighbourhood in the past two weeks	Were there any problems with the functionality of food markets in the neighbourhood in the past two weeks?	Select multiple	Markets were functioning with no problems; Markets were not functioning in the community; Markets were functioning but only at certain / unpredictable times; Markets were functioning but with insufficient quantities of food; Markets were functioning but quality of food was poor; Markets were functioning and food was available, but food prices were too high; Other (specify); Not sure	Neighbourhood	Neighbourhood level

3.5	Barriers to accessing food markets in the neighbourhood in the past two weeks	What challenges, if any, have there been in accessing food markets in the neighbourhood in the past two weeks?	Select multiple	<p>No challenges;</p> <p>Physical constraints preventing access to markets (e.g. roads damaged, blockages);</p> <p>Lack of transportation to markets (private or public);</p> <p>Certain population groups unable to access markets;</p> <p>Distance to functioning markets too far;</p> <p>Safety or security constraints restricting movement to markets;</p> <p>Safety or security concerns at markets;</p> <p>Lack of access for persons with restricted mobility;</p> <p>Lack of access / unsuitable for women;</p> <p>No functioning markets in the neighbourhood;</p> <p>Lack of cash to buy food;</p> <p>Other (specify);</p> <p>Not sure</p>	Neighbourhood	Neighbourhood level
3.6	Barriers to markets opening in the neighbourhood in the past two weeks	What have been the main barriers to markets opening in this neighbourhood in the past two weeks?	Select one	<p>Markets are too damaged to reopen;</p> <p>Not enough customers/residents for markets to reopen; Markets unable to restock due to lack of supply routes; Lack of places to store food; lack of sufficient electricity; Other (please specify); None; Not sure</p>	Neighbourhood	Neighbourhood level

3.7	Food groups accessed in other neighbourhoods	Have households from this neighbourhood visited other neighbourhood(s) or left the city as a primary means to access the following food groups in the past two weeks? Meat and fish Fruits and vegetables Milk and dairy Bread Staples (rice, bulghur wheat etc.)	Select multiple	List of neighbourhoods & outside the city and none	Neighbourhood	Neighbourhood level
INSERT LOOP for each food group noted in 3.7 for which "outside the city" was selected						
3.7.1	Location of food source outside the city	Where outside of Ar-Raqqa city were residents from this neighbourhood going to access [food group specified in 3.7] in the past two weeks?	Text		Neighbourhood	Neighbourhood level
END LOOP						
Food assistance note		Food assistance note	Read only	The following questions about food assistance include all types of food except for bread.	Neighbourhood	Neighbourhood level
3.8	# of neighbourhoods receiving food assistance in the past two weeks	Did people living in this neighbourhood receive food assistance of any kind from any sources over the past two weeks?	Select one	Yes; No; Not sure	Neighbourhood	Neighbourhood level
3.9	Types of food assistance received by households of the neighbourhood in the past two weeks	What type of food assistance was received?	Select multiple	Pre-prepared meals (RTER - ready to eat rations); Standard WFP food baskets; Dry food rations; Hot meals (freshly cooked on-site); Voucher; Cash; Other (specify)	Neighbourhood	Neighbourhood level
INSERT LOOP for each option selected for 3.9						

3.9.1	Location of food assistance received by households in the neighbourhood in the past two weeks	Was the food assistance that residents of this neighbourhood received in the past two weeks distributed in this neighbourhood?	Select one	Yes; No; Not sure	Neighbourhood	Neighbourhood level
3.9.2	Other neighbourhoods where food assistance was received by households in the neighbourhood in the past two weeks	In which neighbourhood was the assistance provided?	Select multiple	Neighbourhood list and outside city	Neighbourhood	Neighbourhood level
3.9.2.1	Location of food assistance outside the city	Where outside of Ar-Raqqa city were residents from this neighbourhood going to access this type of food assistance in the past two weeks?	Text		Neighbourhood	Neighbourhood level
3.9.3	Type of organisations to deliver food assistance to households of the neighbourhood in the past two weeks	Which type of organisation provided the assistance?	Select multiple	Organised neighbourhood group; Local council; Local NGO; International NGO; International agency; Other (specify); Not sure	Neighbourhood	Neighbourhood level
3.9.4	Frequency of food assistance received by households of the neighbourhood in past two weeks	On how many days was this assistance provided over the past two weeks?	Select one	1 - 3; 4 - 6; 7 - 9; 10 - 12; 13 - 14; Not sure	Neighbourhood	Neighbourhood level
3.9.5		Are households in this neighbourhood informed about the criteria for receiving this food assistance (including households that receive the assistance and households that do not)?	Select one	Yes; no; not sure	Neighbourhood	Neighbourhood level
3.9.6		Are households that receive this assistance aware of the amount they are entitled to and how frequently they will receive the assistance?	Select one	Yes; no; not sure	Neighbourhood	Neighbourhood level
END LOOP						

3.10	Preferred modality of food assistance for households in the neighbourhood	What modality of food assistance, if any, is generally preferred by people in this neighbourhood?	Select one	No preference; In-kind food distributions; Pre-prepared meal distributions; Voucher; Cash; Other (specify)	Neighbourhood	Neighbourhood level
3.11	Main food coping strategies by households in the neighbourhood in the past two weeks	What proportion of households in the neighbourhood used the following coping strategies to deal with a lack of food over the last two weeks?	Select one	<p>For each coping strategy below, select one of: Almost all households (76-100%), majority of households (51-75%), half of all households (50%), less than half of households (26-49%), none or very few households (0-25%); Not sure</p> <p>No coping strategies used; Reducing meal size; Skipping meals; buying food with money usually used for other things; Purchasing food on credit/borrowing money to buy food; Selling non-productive assets; Selling productive assets; Spending days without eating; Consuming non-food plants; Consuming food from garbage; Not sure; Other (specify)</p>	Neighbourhood	Neighbourhood level

3.12	Most common sources of bread for households in the neighbourhood over the past two weeks	What were the most common sources of bread accessed by households in the neighbourhood in the past two weeks?	Select up to three	No source of bread; Public bakeries in the neighbourhood; Private bakeries in the neighbourhood; Shops in the neighbourhood; Homemade; Distribution inside the neighbourhood; Distribution outside the neighbourhood; Bakeries/shops outside of the neighbourhood; Other (specify); Not sure	Neighbourhood	Neighbourhood level
3.12.1	Other source of bread for households in the past two weeks	Other (please specify):	Text		Neighbourhood	Neighbourhood level
3.13	Sufficiency of bread supply from bakeries/shops selling bread in the neighbourhood in the past two weeks	Were the bakeries or shops in the neighbourhood producing sufficient and affordable quantities of bread to meet the needs of the neighbourhood in the past two weeks?	Select one	Yes, they were producing sufficient amounts of bread at an affordable price; No, they were producing sufficient quantities of bread but it was too expensive for households in the neighbourhood; No, they were producing some bread but not enough to provide for the needs of the neighbourhood; Not sure	Neighbourhood	Neighbourhood level
3.14	Other neighbourhoods where bread was accessed in the past two weeks	Which other neighbourhood(s) have households from this neighbourhood visited as a primary means to access bread in the past two weeks?	Select multiple	Neighbourhood list and outside of city and none	Neighbourhood	Neighbourhood level

Nutrition	3.14.1	Location of food bread access outside the city	Where outside of Ar-Raqqa city were residents from this neighbourhood going to access bread in the past two weeks?	Text		Neighbourhood	Neighbourhood level
	3.15	Receipt of bread assistance by households in the neighbourhood in the past two weeks	Did households from this neighbourhood receive any bread distributions in the past two weeks?	Select one	Yes; No; Not sure	Neighbourhood	Neighbourhood level
	3.15.1	Location of bread distribution received by households in the neighbourhood in the past two weeks	Did the bread distribution take place in this neighbourhood?	Select one	Yes; No; Not sure	Neighbourhood	Neighbourhood level
	3.15.2	Other neighbourhoods where bread assistance was received by households in the neighbourhood in the past two weeks	In which other neighbourhood was the assistance provided?	Select multiple	Neighbourhood list, outside of city, and none/NA	Neighbourhood	Neighbourhood level
	3.15.3	Sources of bread distribution	Which type of organisation provided the assistance?	Select multiple	Organised neighbourhood group; Local council; Local NGO; International NGO; International agency; Other (specify); Not sure	Neighbourhood	Neighbourhood level
	3.15.4	Frequency of bread distributions received by households of the neighbourhood in past two weeks	On how many days was this assistance provided over the past two weeks?	Select one	1 - 3; 4 - 6; 7 - 9; 10 - 12; 13 - 14; Not sure	Neighbourhood	Neighbourhood level
	3.16	# of neighbourhoods receiving infant formula distributions in the past two weeks	Have households in this neighbourhood received any infant formula distributions in the past two weeks (infant milk products, powder milk not specific for babies, baby bottles, teats etc.)?	Select one	Yes, No, Not sure	Neighbourhood	Neighbourhood level

3.16.1	Infant formula distribution types in the past two weeks	Which of the following infant formula items were distributed?	Select multiple	Infant milk products; Baby bottles; Teats; Powder milk not specific for babies; Other (specify)	Neighbourhood	Neighbourhood level
3.16.2	Location of infant formula distributions received by households in the neighbourhood in the past two weeks	Were the infant formula distributions in this neighbourhood?	Select one	Yes; No; Not sure	Neighbourhood	Neighbourhood level
3.16.3	Other neighbourhoods where infant formula distributions was received by households in the neighbourhood in the past two weeks	In which other neighbourhood was the infant formula distribution provided?	Select multiple	Neighbourhood list, outside of city, and none/NA	Neighbourhood	Neighbourhood level
3.16.3.1	Location of infant formula distribution outside the city	Where outside of Ar-Raqqa city were residents from this neighbourhood going to access infant formula distributions in the past two weeks?	Text		Neighbourhood	Neighbourhood level
3.16.4	Organisations delivering infant formula assistance in the past two weeks	Who provided this infant formula support?	Select multiple	Organised neighbourhood group; Local council; Local NGO; International NGO; International agency; Other (specify); Not sure	Neighbourhood	Neighbourhood level
3.16.5	Frequency of infant formula distribution in the past two weeks	On how many days was the distribution provided over the past two weeks?	Select one	1 - 3; 4 - 6; 7 - 9; 10 - 12; 13 - 14; Not sure	Neighbourhood	Neighbourhood level
3.17	Sources of support for feeding infants	Where do most mothers in the neighbourhood seek advice on feeding infant children (under 2 years old)?	Select multiple	Family and relatives; Physician, nurse, or pharmacist; Other (specify); Not sure	Neighbourhood	Neighbourhood level

	3.18	# of neighbourhoods with children showing signs of malnutritions in the past two weeks	In the past two weeks, what proportion of children living in the neighbourhood (under the age of 5 years old) have shown signs of malnutrition?	Select one	All or almost all children; More than half of children; Around half of children; Less than half of children; A few or no children; Not sure	Neighbourhood	Neighbourhood level
	3.19	# of neighbourhoods with adults showing signs of malnutrition in the past two weeks	In the past two weeks, what proportion of adults living in the neighbourhood have shown signs of malnutrition?	Select one	All or almost all adults; More than half of adults; Around half of adults; Less than half of adults; A few or no adults; Not sure	Neighbourhood	Neighbourhood level
Cash	4.1	# of neighbourhoods with functioning hawala systems in the past two weeks	Were hawala systems functioning in the neighbourhood over the past two weeks?	Select one	Yes; No; Not sure	Neighbourhood	Neighbourhood level
	4.2	Functional status of hawala systems in the neighbourhood in the past two weeks	Were there any problems with the functionality of the hawala systems in the neighbourhood in the past two weeks?	Select multiple	Hawala systems were functioning with no problems; Hawala systems were functioning but only at certain / unpredictable times; Hawala systems were functioning but only certain population groups could access them; Hawala systems were functioning but with insufficient quantities of cash; Hawala systems were functioning and cash was available, but costs of services were too high; Other (specify); Not sure	Neighbourhood	Neighbourhood level

	4.3	# of neighbourhoods with households travelling elsewhere to access hawala services in the past two weeks	Did households in this neighbourhood travel to other areas of the city to access hawala services in the past two weeks?	Select one	Yes; No; Not sure	Neighbourhood	Neighbourhood level
	4.4	Other neighbourhoods accessed for hawala services in the past two weeks	Which other neighbourhoods in the city did households from this neighbourhood travel to in order to access hawala services?	Select multiple	Neighbourhood list, outside of city, and none/NA	Neighbourhood	Neighbourhood level
	4.4.1.	Location of hawala services accessed outside the city in past two weeks	Where outside of Ar-Raqqa city were residents from this neighbourhood going to access hawala services in the past two weeks?	Text		Neighbourhood	Neighbourhood level
Shelter	5.1	Most common shelter types used by households in the neighbourhood in the past two weeks	What are the most common shelter types used by households in the neighbourhood in the past two weeks?	Rank up to three	None, the neighbourhood is entirely abandoned; Owned homes / apartments; Rented homes / apartments; Collective centres (schools, mosques, private housing, other); Shared accommodation with host population; Unfinished buildings; Tents or informal settlements; Other (Specify); Not sure	Neighbourhood	Neighbourhood level
	5.2	% of households living in shared or overcrowded housing	What proportion of households in the neighbourhood are living in shared or overcrowded housing? (e.g. multiple families sharing a house, families living in a house built for a smaller family)	Select one	Almost all households (76-100%), majority of households (51-75%), half of all households (50%), less than half of households (26-49%), none or very few households (0-25%); Not sure	Neighbourhood	Neighbourhood level

5.3	% of households living in damaged shelters	What proportion of households in the neighbourhood do you estimate are living in significantly damaged housing (30+% of building destroyed or rendered unusable)?	Select one	Almost all households (76-100%), majority of households (51-75%), half of all households (50%), less than half of households (26-49%), none or very few households (0-25%); Not sure	Neighbourhood	Neighbourhood level
5.4	Extent of shelter damage in neighbourhood	Of the following options, which is the most accurate description of the extent of shelter damage in this neighbourhood?	Select one	Not sure	Neighbourhood	Neighbourhood level
5.5	# of neighbourhoods with shelter reconstruction in the past two weeks	Were any of the destroyed shelters in the neighbourhood being reconstructed in the past two weeks?	Select one	Yes; No; Not sure	Neighbourhood	Neighbourhood level
5.6	# of neighbourhoods with shelter repairs in the past two weeks	Were any of the damaged shelters in the neighbourhood being repaired in the past two weeks?	Select one	Yes; No; Not sure	Neighbourhood	Neighbourhood level
5.6.1	# of neighbourhoods with external shelter repair suppliers	Were any of these reconstruction/repairs being enabled by assistance from or conducted by an organisation or administrative authority?	Select one	Yes; No; Not sure	Neighbourhood	Neighbourhood level
5.6.2	Providers of shelter repairs / assistance in the past two weeks	What types of organisation provided the assistance?	Select multiple	Organised neighbourhood group; Local council; Local NGO; International NGO; International agency; Other (specify); Not sure	Neighbourhood	Neighbourhood level
5.6.2.1	Other provider of shelter repairs	Other (please specify):	Text		Neighbourhood	Neighbourhood level

5.6.3	Modalities of shelter repairs in the past two weeks	What types of shelter assistance were being provided?	Select multiple	Shelter/repair materials; Unconditional cash support; External actor directly assisted with repairs; External actor provided technical guidance with repairs; Other (specify); Not sure	Neighbourhood	Neighbourhood level
5.6.3.1	Other modalities of shelter assistance	Other (please specify):	Text		Neighbourhood	Neighbourhood level
5.7	Proportion of shelters in the neighbourhood in need of reconstruction	What proportion of shelters are in need of reconstruction (destroyed shelters in need of building work)?	Select one	Almost all shelters (76-100%), majority of shelters (51-75%), half of all shelters (50%), less than half of shelters (26-49%), none or very few shelters (0-25%); Not sure	Neighbourhood	Neighbourhood level
5.8	Proportion of shelters in neighbourhood in need of repairs	What proportion of shelters in the neighbourhood are in need of repairs (damaged shelters in need of building work)?	Select one	Almost all shelters (76-100%), majority of shelters (51-75%), half of all shelters (50%), less than half of shelters (26-49%), none or very few shelters (0-25%); Not sure	Neighbourhood	Neighbourhood level

	5.9	Main reasons for not repairing shelters in the neighbourhood in the past two weeks	Why have damaged shelters in the neighbourhood not been repaired or reconstructed in the past two weeks?	Select one or multiple	Repairs require professional but no professionals available; Repairs require professionals and professionals are available but people cannot afford to pay professionals; Repairs require professionals and professionals are available but repair materials are too expensive; Able to make repairs themselves but shelter and repair materials too expensive; Lack of authorization to make repairs; Lack of availability of shelter and repair materials in markets; Other (specify); Not sure	Neighbourhood	Neighbourhood level
	5.9.1	Other reasons for not repairing shelters in the neighbourhood	Other (please specify):	Text		Neighbourhood	Neighbourhood level
NFI	6.1	Main sources of electricity in the neighbourhood in the past two weeks	What were the most common sources of electricity used by households in the neighbourhood over the past two weeks?	Select up to three	Main network (grid); Generator (communal/neighbourhood); Generator (private/household); Solar power; Car batteries; Other batteries; No source of electricity; Other (specify); Not sure	Neighbourhood	Neighbourhood level
	6.2	Average # of hours of electricity per day in the neighbourhood in the past two weeks from all sources	On average, how many hours of electricity per day have households in this neighbourhood had in the past two weeks (from all sources)?	Select one	None; Less than 2 hours; 2 < 4 hours; 4 < 6 hours; 6 < 8 hours; > than 8 hours; Not sure	Neighbourhood	Neighbourhood level

6.2.1	Average # of hours of electricity per day in the neighbourhood in the past two weeks from the main network	On average, how many hours of electricity per day have households in this neighbourhood had in the past two weeks from the main network?	Select one	None; Less than 2 hours; 2 < 4 hours; 4 < 6 hours; 6 < 8 hours; than 8 hours; Not sure	Neighbourhood	Neighbourhood level
6.3	# of neighbourhoods receiving support to improve electricity access in past two weeks	What type of support has been provided to improve access to electricity in the neighbourhood in the past two weeks?	Select multiple	No support provided; New generators; Generator repairs; Fuel for generators; Car batteries distribution; Repairs to electrical infrastructure (power lines, transformers etc.); Other (Specify); Not sure	Neighbourhood	Neighbourhood level
6.4	Providers of electricity support in the past two weeks	Who provided this support to improve electricity access in the past two weeks?	Select multiple	Organised neighbourhood group; Local council; Local NGO; International NGO; International agency; Other (specify); Not sure	Neighbourhood	Neighbourhood level
6.5	Main sources of cooking fuel used by households in the neighbourhood in the past two weeks	What was the main cooking fuel used by households in the neighbourhood in the past two weeks?	Select one	None; Electricity; Gas; Kerosene /kaz; Diesel; Wood / charcoal; Other (specify); Not sure	Neighbourhood	Neighbourhood level

6.6	Household ownership of NFIs	Which of the following NFI items do the majority of households in the neighbourhood have in sufficient quantities to meet their needs?	Select multiple	None; Bedding items; Mattresses/Sleeping mats; Cooking utensils; Cooking fuel; Water containers; Torches; Solar lamps; Solar panels; Clothing; Shoes; Batteries; Winter heaters; Heating fuel; Winter clothes; Winter shoes; Winter blankets; Disposable diapers; Sanitary pads; Soap; Washing powder; Cleaning liquid (for house); Detergent (for dishes); Baby diapers; Adult diapers; Other (specify); Not sure	Neighbourhood	Neighbourhood level
6.6	Three main NFI needs	Which of the following items are priority NFI needs for households in the neighbourhood?	Select up to three	None; Bedding items; Mattresses/Sleeping mats; Cooking utensils; Cooking fuel; Water containers; Torches; Solar lamps; Solar panels; Clothing; Shoes; Batteries; Winter heaters; Heating fuel; Winter clothes; Winter shoes; Winter blankets; Disposable diapers; Sanitary pads; Soap; Washing powder; Cleaning liquid (for house); Detergent (for dishes); Baby diapers; Adult diapers; Other (specify); Not sure	Neighbourhood	Neighbourhood level

6.7	Main sources of NFIs in past two weeks	What were the three most common sources of NFI items accessed by households living in this neighbourhood over the past two weeks?	Select up to three	Purchasing from stores/markets in this neighbourhood; Purchasing from stores/markets in other neighbourhoods; Assistance from local councils / NGOs / other groups; Gifts from family/friends; Begging/bartering; Borrowing; Brought from elsewhere (including outside of the city); Other (specify); Not sure	Neighbourhood	Neighbourhood level
6.8	Availability of NFIs in the neighbourhood in the past two weeks	In the past two weeks, what was the availability of each NFI item in markets in the neighbourhood? [For each NFI item]	Select one	Almost always available; Sometimes available; Not available; Not sure	Neighbourhood	Neighbourhood level
6.9	Affordability of core NFIs in the neighbourhood in the past two weeks	For each item that was available, please indicate if it was affordable [For each NFI item]	Select one	Affordable for the majority of people; Not affordable for the majority of people	Neighbourhood	Neighbourhood level
6.10	Other neighbourhoods accessed for NFI items in the past two weeks	Over the past two weeks, which neighbourhoods did households from this neighbourhood travel to in order to access the follow types of NFI items? Personal hygiene items Household cleaning products Cooking and heating fuel Clothing and bedding items	Select multiple	Neighbourhood list and outside of city Did not travel to other neighbourhoods Not sure	Neighbourhood	Neighbourhood level

6.1	# of neighbourhoods receiving NFI distribution in past two weeks	Did households living in this neighbourhood receive NFIs of any kind from any sources over the past two weeks?	Select one	Yes; No; Not sure	Neighbourhood	Neighbourhood level
6.11.1	NFI assistance received in past two weeks	Which items were received?	Select multiple	Bedding items; Mattresses/Sleeping mats; Cooking utensils; Cooking fuel; Water containers; Torches; Solar lamps; Solar panels; Clothing; Shoes; Batteries; Winter heaters; Heating fuel; Winter clothes; Winter shoes; Winter blankets; Disposable diapers; Sanitary pads; Soap; Washing powder; Cleaning liquid (for house); Detergent (for dishes); Baby diapers; Adult diapers; Other (specify); Not sure	Neighbourhood	Neighbourhood level
6.11.2	Location of NFI distribution in the past two weeks	Was the assistance distributed in this neighbourhood in the past two weeks?	Select one	Yes; No; Not sure	Neighbourhood	Neighbourhood level
6.11.3	Other neighbourhoods where NFIs were received in the past two weeks	Did households in this neighbourhood receive the assistance in any other neighbourhood?	Select multiple	Neighbourhood list, outside of city, and none/NA	Neighbourhood	Neighbourhood level
6.11.4	Organisation delivering NFIs in the past two weeks	Which type of organisation provided the assistance?	Select multiple	Organised neighbourhood group; Local council; Local NGO; International NGO; International agency; Other (specify); Not sure	Neighbourhood	Neighbourhood level
6.12	Preferred modality of NFI assistance for households in the neighbourhood	How would households in this neighbourhood generally prefer to receive NFI assistance?	Select one	No preference; In-kind NFI distributions; Vouchers; Cash; Other (specify)	Neighbourhood	Neighbourhood level

WASH	7.1	Three most common sources of water used by households in the neighbourhood in the past two weeks	What were the most common sources of water used for all purposes (including cooking, drinking, household use etc) in the neighbourhood over the last two weeks?	Select up to three	General use water was not available; Main network; Surface water (untreated water from the river surface that is distributed via the water network); Water trucking; Neighbourhood borehole for free; Neighbourhood borehole paid; Springs, river or natural source; Bottled water; Not sure; Other (specify)	Neighbourhood	Neighbourhood level	
	INSERT LOOP for each choice in 7.1							
				Is the water obtained through (choice from 7.1) treated with chlorine?	Select one	Yes, No, Not sure	Neighbourhood	Neighbourhood level
				What is the price of water from this source? Price (SYP): Quantity (litres):	Integer		Neighbourhood	Neighbourhood level
				Who is providing the water from this source?	Select multiple	NGO; local authorities; civilians / private businesses other (specify)	Neighbourhood	Neighbourhood level
				Other (please specify):	Text		Neighbourhood	Neighbourhood level
	END LOOP							
		7.1.4		What is the source of the water that is trucked?	Text		Neighbourhood	Neighbourhood level
	7.2	Access to water outside of the neighbourhood	Over the past two weeks, did residents of this neighbourhood directly access water from sources outside of this neighbourhood?	Select one	Yes; No; Not sure	Neighbourhood	Neighbourhood level	

7.2.1	Location of water sources for residents of the neighbourhood in the past two weeks	Over the past two weeks, which neighbourhoods did households access water from?	Select multiple	Neighbourhood list, outside of city	Neighbourhood	Neighbourhood level
7.2.2	Location of water accessed outside of the city	Where outside of Ar-Raqqa city were residents from this neighbourhood going to access water in the past two weeks?	Text		Neighbourhood	Neighbourhood level
INSERT LOOP for each choice in 7.2						
7.2.2	Source of water in other neighbourhoods	What are the sources of water in [neighbourhood or location outside the city selected in 7.2] that residents of this neighbourhood are accessing?	Select multiple	Main network; formal water trucking conducted by local authorities or an NGO; informal water trucking conducted by private citizens; bottled water in shops / markets; neighbourhood boreholes; springs / river / natural source; water feeding point ; not sure; other	Neighbourhood	Neighbourhood level
7.2.2.1	Other source of water in other neighbourhoods	Other (please specify):	Text		Neighbourhood	Neighbourhood level
END LOOP						
7.3	% of households in the neighbourhood that have sufficient water to meet their daily needs in the past two weeks	What proportion of households in the neighbourhood have had sufficient water to meet their daily needs over the past two weeks?	Select one	Almost all households (76-100%), majority of households (51-75%), half of households (50%), less than half of households (26-49%), none or very few households (0-25%); Not sure	Neighbourhood	Neighbourhood level
7.4	Average # of days per week water has been available from main network in the past two weeks	Over the past two weeks, what is the average number of days per week that water has been available from the main network in the neighbourhood?	Select one	No water available from the main network; 1-2; 3-4; 5-6; Water was available from the main network every day; Not sure	Neighbourhood	Neighbourhood level

	7.5	Average # of hours per day water has been available from main network in the past two weeks	Over the past two weeks, what is the average number of hours per day that water has been available from the main network?	Select one	None; Less than 2 hours; 2 < 4 hours; 4 < 6 hours; 6 < 8 hours; More than 8 hours; Not sure	Neighbourhood	Neighbourhood level
	7.6	Change in availability of water in the past two weeks	How has the availability of water from all sources changed in the neighbourhood over the past two weeks?	Select one	Increased significantly; Increased slightly; Stayed the same; Decreased slightly; Decreased significantly; Not sure	Neighbourhood	Neighbourhood level
	7.7	Most common water coping strategies used by households in the neighbourhood in the past two weeks	What is the most common way people in the neighbourhood have coped with lack of water over the last two weeks, if any?	Rank up to three	No coping strategy used; 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; Drink water usually used for cleaning or other purposes than drinking; Rely on drinking water stored previously; Other(specify); Not sure	Neighbourhood	Neighbourhood level

7.8	Three most common drinking water sources	What were the most common sources of drinking water in the neighbourhood over the last two weeks?	Select up to three	No drinking water was available; Main network; Surface water (i.e.: untreated water from the river surface that is distributed via the water network); Formal water trucking conducted by authorities or an NGO; Informal water trucking conducted by private citizens; Neighbourhood borehole for free; Neighbourhood borehole paid; Springs, river or natural source; Bottle; Not sure; Other (specify)	Neighbourhood	Neighbourhood level
7.9	Prevalence of water quality issues in the neighbourhood in the past two weeks	Were there any problems with drinking water in the neighbourhood over the past two weeks?	Select multiple	No problems / water was safe to drink; Water tastes bad; Water smells bad; Water is a bad colour; People got sick after drinking the water; Other (specify) Not sure	Neighbourhood	Neighbourhood level
7.10	Options for household water storage	How are households in this neighbourhood storing water accessed from water trucking?	Rank up to three	Communal water tank shared with other households; private water tank in the home; Jerrycans; plastic bottles; pots; other (please specify); none; not sure;	Neighbourhood	Neighbourhood level
7.10.1	Other option for household water storage	Please specify other means of storing water in this neighbourhood	Text		Neighbourhood	Neighbourhood level

	7.1	Prevalence of sanitation issues in the neighbourhood in the past two weeks	Did the neighbourhood have any of the following sanitation issues over the last two weeks?	Select multiple	Garbage in the streets; Rats and pests contaminating food and people; Sewage flowing onto the streets; Flooding in the streets; Open defecation; Other (specify); No; Not sure	Neighbourhood	Neighbourhood level
	7.1	Three main garbage disposal modalities in neighbourhood	What was the main method of garbage disposal in the neighbourhood in the the past two weeks?	Select one	Garbage is not collected / disposed of; Garbage collection (Local authorities); Garbage collection (private company); Garbage collection (NGO); Burning garbage; Disposing at a specific location (please specify); Other (please specify); Not sure	Neighbourhood	Neighbourhood level

Health	8.1	Main health needs of households in the neighbourhood in the past two weeks	What were the main health service needs of households in the neighbourhood in the past two weeks?	Select up to three	No health services needed; Emergency care (accident and injuries); Antibiotics; Surgery; Psychiatric care; Skilled care during childbirth; Treatment for chronic disease (diabetes, blood pressure, heart problems, kidney problems); Rehabilitation (i.e.: recovery programmes for those who have recently experienced injuries, especially to muscles or limbs); Assistive devices (e.g. wheelchairs, prosthetics); Nutrition assistance; Other (specify); Not sure	Neighbourhood	Neighbourhood level
	8.2	% of households requiring treatment who have been able to receive it in the past two weeks	What proportion of households requiring medical attention have been able to receive treatment in the past two weeks?	Select one	Almost all households (76-100%), majority of households (51-75%), half of households (50%), less than half of households (26-49%), none or very few households (0-25%); Not sure	Neighbourhood	Neighbourhood level
	8.3	Medical services accessed in the neighbourhood in the past two weeks	Which of the following medical facilities were accessed by neighbourhood households inside this neighbourhood over the past two weeks?	Select multiple	No health facilities; Mobile clinics / field hospitals; Informal emergency care points; Private clinics; Primary care facilities; Hospitals; Pharmacies; Not sure; Other (specify)	Neighbourhood	Neighbourhood level

	8.4	Other neighbourhoods accessed for medical treatment in the past two weeks	Over the past two weeks, which other neighbourhoods have households from this neighbourhood travelled to in order to receive medical services?	Select multiple	Neighbourhood list, outside of city, and none/NA	Neighbourhood	Neighbourhood level
	8.4.1	Location of health services accessed outside of the city	Where outside of Ar-Raqqa city were residents from this neighbourhood going to access health services in the past two weeks?	Text		Neighbourhood	Neighbourhood level
	8.5	Three main barriers in accessing healthcare over the past two weeks	What were the main barriers to accessing health services over the past two weeks?	Select up to three	No challenges, lack of facilities, distance to facilities, lack of medicine/medical items, lack of medical equipment / machinery, lack of medical personnel, healthcare is being provided by unqualified members of the community, unsafe to travel to medical facilities, lack of female doctors, women physically unable to access medical facilities, healthcare is available but of low quality, healthcare is available but unaffordable, healthcare only available to certain groups (e.g. people with certain political affiliations), health care available in certain areas not easily accessible to all members of the community, other (specify), not sure.	Neighbourhood	Neighbourhood level
Education	9.1	% of children aged 5 - 12 in the neighbourhood accessing education services	What proportion of children aged between 6 and 12 in the neighbourhood have been accessing education services in the past two weeks?	Select one	Almost all children (76-100%), majority of children (51-75%), half of all children (50%), less than half of children (26-49%), none or very few children (0-25%); Not sure	Neighbourhood	Neighbourhood level

9.2	% of children aged 13 - 15 in the neighbourhood accessing education services	What porportion of children aged between 13 and 15 in the neighbourhood have been accessing education services in the past two weeks?	Select one	Almost all children (76-100%), majority of children (51-75%), half of all children (50%), less than half of children (26-49%), none or very few children (0-25%); Not sure	Neighbourhood	Neighbourhood level
9.3	Education facilities accessed in the neighbourhood	Which of the following education facilities were accessed by neighbourhood households inside this neighbourhood over the past two weeks?	Select multiple	None; Kindergarten (5 and under); Primary school (6-12); Secondary school (13-15); High school / Institutes (16-18); University; Informal education centre; Other (specify); Not sure	Neighbourhood	Neighbourhood level
9.4	Education facilities accessed in other neighbourhoods	Over the past two weeks, did households from the neighbourhood send their children to any other areas in order to access education facilities? Kindergarten (5 and under); Primary school (6-12); Secondary school (13-15); High school / Institutes (16-18); University; Informal education centre	Select multiple	Neighbourhood list, outside of city, and none/NA	Neighbourhood	Neighbourhood level

	9.4.1	Location of education services accessed outside of the city	Where outside of Ar-Raqqa city were residents from this neighbourhood going to access education in the past two weeks?	Text		Neighbourhood	Neighbourhood level
	9.5	Three main barriers to accessing education services	What have been the main barriers to households in the neighbourhood accessing education services in the past two weeks?	Select up to three	None; No education facilities available; Safety/security concerns; Schools are too far away / no transport available; No spaces in schools / unable to register; Schools are not in good condition (problems with latrines, electricity, furniture); Schools lack trained teachers; No education for children of a certain age; Children have to work; Customs/tradition (early marriage, gender etc); Education is not considered important; Curriculum is not suitable (e.g. different to area of origin); Not enough information is available about how to enrol children; Classes are overcrowded; Difficult for children to return to education after absence; Other (specify)	Neighbourhood	Neighbourhood level
Protection	10	Prevalence of protection issues to occur in the past two weeks	Are you aware of any of the following safety/security issues taking place in the neighbourhood over the past two weeks?	Select multiple	None; Serious threat from scorpions, snakes, or similar; Confiscation of documents; Disputes between residents; Threat from armed groups; Exploitation of residents (e.g. forced or underpaid labour); Domestic violence; Sexual violence; Movement restrictions; Threat from mines / unexploded ordnance; Threat from snipers/gunfire; Threat from airstrikes; Threat from	Neighbourhood	Neighbourhood level

				IEDs/SVBIEDs/BBIEDs; Theft; not sure; other (specify)		
10.1.1.	Other protection issue to occur in the past two weeks	Other (please specify):	Text		Neighbourhood	Neighbourhood level
10	Prevalence of women's protection issues to occur in the past two weeks	Are you aware of any of the following safety/security issues taking place in the neighbourhood over the past two weeks that have put women at risk?	Select multiple	None; Violence against women; Sexual violence against women; Harrassment; Restrictions preventing women and girls from accessing services (e.g.: health, education); Movement restrictions specifically targeting women; Early marriage (women below 16 years old); Other (specify), Not sure	Neighbourhood	Neighbourhood level
10.2.1	Other women's protection issue to occur in the past two weeks	Other (please specify):	Text		Neighbourhood	Neighbourhood level
10	Prevalence of child protection issues to occur in the past two weeks	Are you aware of any of the following safety/security issues taking place in the neighbourhood over the past two weeks that have put children at risk?	Select multiple	None; Child labour; Early marriage (below 16 years old); Child headed households; Military recruitment of children; Other (specify); Not sure	Neighbourhood	Neighbourhood level
10.3.1.	Other child protection issue to occur in the past two weeks	Other (please specify):	Text		Neighbourhood	Neighbourhood level

Market assessment KI question route

Research questions	Q #	Indicator / Variable	Question	Type	Options	Data collection level	Aggregation / Disaggregation
Basic information	1.1	Enumerator code	Enter enumerator code	Integer		Neighbourhood (retail vendor) city (wholesale supplier, water trucker)	N/A
	1.2	Neighbourhood of interest	In which neighbourhood of Ar-Raqqa city is the vendor located / water trucking company serving?	Select multiple	[Neighbourhood list]	Neighbourhood (retail vendor) city (wholesale supplier, water trucker)	city level; neighbourhood level
	1.3	KI gender	Enter KI gender	Select one	Female; Male	Neighbourhood (retail vendor) city (wholesale supplier, water trucker)	N/A
	1.4	KI age	Select KI age range	Select one	18-26; 27-45; 46-64; 65+	Neighbourhood (retail vendor) city (wholesale supplier, water trucker)	N/A
	1.5	KI phone number	Enter KI phone number	Text		Neighbourhood (retail vendor) city (wholesale supplier, water trucker)	N/A
	1.6	Shop type	Enter shop type	Select one	General store for food and NFIs; Bakery; Butcher/meat shop; Vegetable seller; Hygiene items shop; Water trucking service;	Neighbourhood (retail vendor) city (wholesale supplier, water trucker)	N/A

Food and NFI retailers								
Prices: What are the prices of core food and non-food items for consumers and retail vendors in Ar-Raqqa city, and how have these prices changed as residents voluntarily return to the city? Do these prices differ by neighbourhood?	2.0	Type of vendor	Please identify the type of vendor for which you are conducting this interview.	Select one	Retail vendor; Wholesale supplier	Neighbourhood (Retail vendor); city (wholesale supplier)	N/A	
	2.1	Assessed items sold	Which of the following items do you sell?	Select multiple	Rice; Flour; Red lentils; Cooking oil; Sugar; Meat; Chicken; Tomatoes; Cucumbers; Yellow onions; Canned vegetables; Canned hummus; Canned fava beans; Canned tuna; Bread; Sanitary pads; Bath soap; Laundry powder; Cooking fuel; Water containers; Not sure; None	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level	
	INSERT LOOP for each assessed item selected in 2.1							
	2.1_item	quantity of item sold	Is [assessed item sold] sold by [item quantity]?	Select one	Yes; no;	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level	
	2.1_item	quantity of item sold	If they are sold by a quantity different than [item quantity], write the quantity (in [appropriate quantity])	Decimal		Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level	
	2.1_item	item price	Item price (in SYP):	Integer		Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level	

	2.1.1	Cheapest price for each assessed item sold	What is the cheapest price you currently charge for [assessed item sold] (in SYP)?	Integer		Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.1.2	Recent adjustment to assessed item price	Have you adjusted the price for [assessed item sold] within the last six months?	Select one	Yes; no; not sure	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.1.2.1	Date of most vendor's recent adjustment to assessed item price	When did you most recently adjust the price for [assessed item sold]?	Date (Week; Month)		Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.1.3	Change in price after adjustment	Previous price for [assessed item sold] in your shop before the most recent adjustment: Current price for [assessed item sold] in your shop, after the most recent adjustment:	Integer		Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.1.4	Lowest prior price for assessed item	What has been the cheapest price for [assessed item sold] in the past six months (in SYP)?	Text		Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
Availability: How often do wholesale and retail vendors in Ar-Raqqa city refresh their stocks and face shortages? Does availability of these items	2.1.5	Frequency of restocking of assessed items	Did you restock this [assessed item sold] in the past 30 days?	Select one	Yes; no; not sure	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.1.6	Frequency of restocking of assessed items	If you restocked [assessed item sold] in the past 30 days, how many days ago was it?	Integer		Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level

differ by neighbourhood?	2.1.7	Frequency of restocking of assessed items	How many days of current stock of [assessed item sold] do you estimate you have left before it would run out?	Integer		Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level	
	2.1.8	Frequency of restocking of assessed items	How many days does it take to restock [assessed item sold] when you request it?	Integer		Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level	
	END LOOP							
	2.2	Assessed items that were in short supply in the past month	Which of the following items has there been a shortage of in the past 30 days?	Select multiple	Rice; Flour; Red lentils; Cooking oil; Sugar; Meat; Chicken; Tomatoes; Cucumbers; Yellow onions; Canned vegetables; Canned hummus; Canned fava beans; Canned tuna; Bread; Sanitary pads; Bath soap; Laundry powder; Cooking fuel; Water containers; Not sure; None	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level	
	2.3	Reasons for shortages of assessed items in the past month	Why did your business experience a shortage of these items in the past 30 days?	Select multiple	Supplier lacked sufficient stocks; price of stocks were too expensive; roads closed or unusable; sudden increase in demand; other; none	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level	
2.3	Reasons for shortages of assessed items in the past month	Other (specify):	Text		Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level		

Supply chains: What are the sources of products for vendors in Ar-Raqqa city? Do these sources differ by neighbourhood?	2.4	Number of wholesale suppliers (for retail vendors)	In the past 30 days, from how many wholesale suppliers did you purchase your stock?	Integer		Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.5	Location of wholesale suppliers (for retail vendors)	Where are the wholesale suppliers from whom you purchased your stock in the past 30 days located?	Select multiple	[neighbourhood list], outside the city, not sure	Neighbourhood (Retail vendor)	city level; neighbourhood level
	2.5.1	Location outside the city of wholesale suppliers (for retail vendors)	Where outside the city are these wholesale suppliers located?	Text		Neighbourhood (Retail vendor)	neighbourhood-level
	2.6	Location of source of supplies (for wholesale suppliers)	From where did you purchase your stock in the past 30 days?	Select multiple	[governorate list], [sub-district list]	city (wholesale supplier)	city level; neighbourhood level
	2.7	Location of retail vendors customers in Ar-Raqqa city (for wholesale suppliers)	Where are the retail vendors located (in Ar-Raqqa city) that you have sold your stock to in the past 30 days?	Select multiple	[neighbourhood list]	city (wholesale supplier)	city level; neighbourhood level
	2.7	Location of retail vendors customers in Ar-Raqqa city (for wholesale suppliers)	Other (specify):			Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.8	Means of transporting supplies from source	In the past 30 days, how did you transport your supplies or stock to your business?	Select multiple	hired vehicles; own vehicles; suppliers deliver; none; other	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.9	Challenges in transporting supplies from suppliers	In the past 30 days, which challenges did you face in transporting your supplies or stock to your business?	Select multiple	robbery; extortion or bribery; closed or damaged roads; distance from supplier; armed conflict; none; other	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level

Location of Customer Base: Where do the households who purchase goods from retail vendors in Ar-Raqqa city live?	2.9	Challenges in transporting supplies from suppliers	Other (specify):	Text		Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.10	Daily average number of customers purchasing goods from vendors in past 2 weeks	Over the past two weeks, how many customers have purchased items from your shop per day (on average)?	Integer		Neighbourhood (Retail vendor)	city level; neighbourhood level
	2.11	Neighbourhoods of residence of customers purchasing goods from vendors in past 2 weeks	From which neighbourhoods in Ar-Raqqa city did customers come to your shop over the past two weeks?	Select up to three	[Neighbourhood list]	Neighbourhood (Retail vendor)	city level; neighbourhood level
Purchasing on Credit: To what extent do vendors in Ar-Raqqa city allow customers to purchase goods on credit? Does the prevalence of this practice differ by neighbourhood?	2.12	Prevalence of vendors offering credit purchases (for retail vendors) in the past 2 weeks	Over the past two weeks, did you offer your customers the opportunity to purchase on credit?	Select one	Yes; no; not sure	Neighbourhood (Retail vendor)	city level; neighbourhood level
	2.12.1	Percentage of customers purchasing goods on credit from vendors (for retail vendors) in the past 2 weeks	Over the past two weeks, what percentage of your customers purchased items on credit?	Select one	Almost all customers (76-100%), majority of customers (51-75%), half of customers (50%), less than half of customers (26-49%), none or very few customers (0-25%); Not sure	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.12.2	Outstanding debt to the vendor	What is the total amount of debt you estimate your customers currently owe you? (in SYP)	Integer		Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.12.3	Ability to purchase stock from suppliers on credit	Do your suppliers usually allow you to purchase stock from them with credit?	Select one	Yes; no; not sure	Neighbourhood (Retail vendor)	city level; neighbourhood level

	2.12.4	Time permitted before repayment of debt required	On average, how many days do the suppliers who sell you stock on credit allow to pass before you must pay off the debt? (in SYP)	Integer		Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.12.5	Total debt vendors owe to suppliers	What is the total amount of money you estimate you currently owe your suppliers for stock purchased with credit? (in SYP)	Integer		Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
Operational barriers: What are the main barriers to vendors opening or operating shops in Ar-Raqqa city? Do these barriers differ by neighbourhood?	2.13	Reported barriers to vendors re-opening shops in the past two weeks	What have been the main barriers to shops opening in this neighbourhood in the past two weeks?	Select multiple	Markets are too damaged to reopen; Not enough customers/residents for markets to reopen; lack of sufficient electricity; Markets unable to restock due to lack of supply routes; Lack of places to store food; Other (please specify); None; Not sure	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.13	Reported barriers to vendors re-opening shops in the past two weeks	Other barrier:	Text		Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.14	Level of impact of facility damage on businesses' operations	What level of impact does physical damage to the building your business is located in have on your business?	Select one	severe; moderate; slight; no impact	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.15	Level of impact of infrastructure damage on businesses' operations	What level of impact does damage to road infrastructure have on your business?	Select one	severe; moderate; slight; no impact	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level

	2.16	Level of impact of infrastructure damage on businesses' operations	What level of impact does damage to the electricity infrastructure have on your business?	Select one	severe; moderate; slight; no impact	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.17	Level of impact of infrastructure damage on businesses' operations	What level of impact does damage to the water infrastructure have on your business?	Select one	severe; moderate; slight; no impact	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.18	Level of impact of infrastructure damage on businesses' operations	What level of impact does damage to the communications network infrastructure have on your business?	Select one	severe; moderate; slight; no impact	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
Response capacity: To what extent are vendors in Ar-Raqqa city able to increase their supplies of core food and non-food items in response to increases in demand from consumers? Does this capability differ by neighbourhood?	2.19	Ability to respond to 50% increase in demand for assessed items in next 30 days	If demand for [assessed item sold] increased by 50% in the next 30 days, would you be able to increase your stock to respond to this new demand?	Select one	yes; no; not sure	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.20	Ability to respond to 100% increase in demand for assessed items in next 30 days	If demand for [assessed item sold] increased by 100% in the next 30 days, would you be able to increase your stock within a month to respond to this new demand?	Select one	yes; no; not sure	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
	2.21	Barriers to increasing supply in response to increased demand in next 30 days	What are the barriers that would prevent you from increasing your stock to respond to increased demand in the next 30 days?	Select up to three	suppliers' shortage of stocks; lack of resources to purchase additional stock; difficulty of transporting supplies; lack of storage capacity; poor security conditions; other; none; not sure	Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level

	2.21	Other barrier	Please specify other barrier:	Text		Neighbourhood (Retail vendor); city (wholesale supplier)	city level; neighbourhood level
Water trucking service providers							
Sources: What are the sources of water delivered by water trucking providers in Ar-Raqqa city? Is the water treated?	3.1	Capacity of water trucks	What is the capacity (in litres) of the water truck(s) you operate? (note: 1 barrel of water = 220 L, 1 cubic metre of water = 1000 L)	Integer		city (water truckers)	city level
	3.2	Type of water sources in past 30 days	What are the main sources of water that you have used to access water for trucking in the past 30 days?	Select one	Water trucking filling point; directly from a natural source (river, canal, pond); other (please specify)	city (water truckers)	city level
	3.2.1	Other type of water source in past 30 days	Other water source used to access water for trucking in the past 30 days (please specify):	Text		city (water truckers)	city level
	3.3	Location of water sources in past 30 days	Where were the main water sources that you have used to access water for trucking in the past 30 days located?	Select multiple	[neighbourhood list], outside the city, not sure	city (water truckers)	city level
	3.3.1	Location of water sources outside the city in past 30 days	Where outside of the city were the main water sources that you have used to access water for trucking in the past 30 days located?	Text		city (water truckers)	city level
	3.4	Water source details	Please enter any other details on the sources of water that you use.	Text		city (water truckers)	city level
	3.5	Water quality (chlorination) levels in the past 30 days	Was the water that you distributed in the past 30 days chlorinated?	Select one	Yes, all; Yes, some; No, none; Not sure	city (water truckers)	city level

	3.5.1	Source of chlorination	Who most frequently chlorinated the water that you distributed in the past 30 days?	Select one	Local authorities; NGOs; another private water truck owner; yourself or other partners; other (please specify); not sure	city (water truckers)	city level
	3.5.1.1	Source of chlorination (other)	Please specify the other party who chlorinated the water.	Text		city (water truckers)	city level
	3.5.2	Means of chlorination	How was the water that you distributed in the past 30 days chlorinated?	Select multiple	Liquid; tablets; powder; other (please specify); not sure	city (water truckers)	city level
	3.5.2.1	Means of chlorination (other)	Please specify the other means of chlorinating the water you distributed in the past 30 days.	Text		city (water truckers)	city level
Prices: What is the price of trucking water in Ar-Raqqa city? Does this vary depending on the location of the water trucking provider, and the distance that the water must be trucked?	3.6	Price of water delivered within neighbourhood	What is the minimum price (in Syrian pounds) that you charge to deliver one truck of water to a destination within the neighbourhood of interest?	Integer		city (water truckers)	city level
	3.6.1	Quantity of water delivered for minimum price	What is the quantity of water (in litres) that you provide when you charge this minimum price?	Integer		city (water truckers)	city level
	3.7	Price of delivering water to other neighbourhoods	Do you charge different prices depending on the neighbourhoods of the city that you deliver water to?	Select one	Yes; No; Not sure	city (water truckers)	city level
	3.7.1	Most common price charged to deliver one truck of water	What is the most common price that you charge to deliver one truck of water (in Syrian Pounds)?	Integer		city (water truckers)	city level
	3.7.2	Destination of water delivered for most common price	Which neighbourhoods do you deliver water to for this price?	Select multiple	[neighbourhood list]	city (water truckers)	city level
	3.7.3	Second most common price charged to deliver one truck of water	What is the second most common price that you charge to deliver one truck of water (in Syrian Pounds)?	Integer		city (water truckers)	city level

	3.7.4	Destination of water delivered for second most common price	Which neighbourhoods do you deliver water to for this price?	Select multiple	[neighbourhood list]	city (water truckers)	city level	
	3.7.5	Third most common price charged to deliver one truck of water	What is the third most common price that you charge to deliver one truck of water (in Syrian Pounds)?	Integer		city (water truckers)	city level	
	3.7.6	Destination of water delivered for third most common price	Which neighbourhoods do you deliver water to for this price?	Select multiple	[neighbourhood list]	city (water truckers)	city level	
Purchasing on Credit: To what extent do water trucking providers in Ar-Raqqa city allow customers to purchase water on credit? Does the prevalence of this practice differ by neighbourhood?	BEGIN LOOP for each neighbourhood identified in 1.2							
	3.8	Prevalence of truckers offering credit purchases in the past 2 weeks	Over the past two weeks, did you offer households in the neighbourhood of interest the opportunity to purchase on credit?	Select one	Yes; no; not sure	city (water truckers)	city level	
	3.9	Percentage of households purchasing trucked water on credit in the past 2 weeks	Over the past two weeks, what percentage of households in the neighbourhood of interest who purchased water from you did so on credit?	Select one	Almost all customers (76-100%), majority of customers (51-75%), half of customers (50%), less than half of customers (26-49%), none or very few customers (0-25%); Not sure	city (water truckers)	city level	
	3.9.1	Debt owed to water truckers	What is the total amount of debt you estimate your customers currently owe you? (in SYP)	Integer		city (water truckers)	city level	
	3.10.1	Daily average amount of water trucked to neighbourhood in past 2 weeks	Over the past two weeks, how much water did you deliver each day in the neighbourhood of interest? (on average, measured in the number of truckloads delivered)?	Decimal		city (water truckers)	city level	
	3.10.2	Daily average number of customers water trucked to in past 2 weeks	Number of purchasing households in neighbourhood of interest:	Integer		city (water truckers)	city level	
	END LOOP							
BEGIN LOOP for each food item identified in 2.1								

Response capacity: To what extent are vendors in Ar-Raqqa city able to respond to increased demand by customers? How does this differ by neighbourhood?	3.11	Ability to respond to 50% increase in demand for trucked water in next 30 days	If demand for trucked water increased by 50% in the next 30 days, would you be able to increase the amount of water you truck to meet this new demand within two weeks?	Select one	yes; no; not sure	city (water truckers)	city level	
	3.12	Ability to respond to 100% increase in demand for trucked water in next 30 days	If demand for trucked water increased by 100% in the next 30 days, would you be able to increase the amount of water you truck to meet this new demand within two weeks?	Select one	yes; no; not sure	city (water truckers)	city level	
	END LOOP							
	3.13	Barriers to responding to increased demand in the next 30 days	What are the barriers that would prevent you from responding to increased demand in the next 30 days?	Select up to three	queues at the filling point; limited working hours of filling point; lack of fuel; lack of spare parts or equipment; lack of chlorine; lack of storage capacity; poor security conditions; poor roads or roadblocks; other (please specify); none; not sure	city (water truckers)	city level	

5. Data Management Plan

- Please complete the Data Management Plan below

Administrative Data			
Research Cycle name	Area-based Assessments		
Project Code	16 CZH		
Donor	OFDA		
Project partners			
Research Contacts	Mark Stevens, mark.stevens@reach-initiative.org Will Woodward, will.woodward@reach-initiative.org		
Data Management Plan Version	Date: 13/05/2018	Version: 1	
Related Policies			
Documentation and Metadata			
What documentation and metadata will accompany the data? <i>Select all that apply</i>	<input type="checkbox"/>	Data analysis plan	<input checked="" type="checkbox"/> Data Cleaning Log, including: <input type="checkbox"/> Deletion Log <input type="checkbox"/> Value Change Log
	<input type="checkbox"/>	Code book	<input type="checkbox"/> Data Dictionary
	<input type="checkbox"/>	Metadata based on HDX Standards	<input type="checkbox"/> [Other, Specify]
Ethics and Legal Compliance			
Which ethical and legal measures will be taken?	<input checked="" type="checkbox"/>	Consent of participants to participate	<input type="checkbox"/> Consent of participants to share personal information with other agencies
	<input checked="" type="checkbox"/>	No collection of personally identifiable data will take place	<input checked="" type="checkbox"/> Gender, child protection and other protection issues are taken into account
	<input checked="" type="checkbox"/>	All participants reached age of maturity	[Other, Specify]
Who will own the copyright and Intellectual Property Rights for the data that is collected?	IMPACT/REACH will own the data and it will be made public.		
Storage and Backup			
Where will data be stored and backed up during the research?	<input checked="" type="checkbox"/>	IMPACT/REACH Kobo Server	<input type="checkbox"/> Other Kobo Server: <i>[specify]</i>
	<input checked="" type="checkbox"/>	IMPACT Global Physical / Cloud Server	<input type="checkbox"/> Country/Internal Server
	<input type="checkbox"/>	On devices held by REACH staff	<input type="checkbox"/> Physical location <i>[specify]</i>
	<input type="checkbox"/>	[Other, Specify]	
Which data access and security measures have been taken?	<input checked="" type="checkbox"/>	Password protection on devices/servers	<input checked="" type="checkbox"/> Data access is limited to REACH staff
	<input type="checkbox"/>	Form and data encryption on data collection server	
	<input type="checkbox"/>	[Other, Specify]	
Preservation			
Where will data be stored for long-term preservation?	<input checked="" type="checkbox"/>	IMPACT / REACH Global Cloud / Physical Server	<input type="checkbox"/> OCHA HDX
	<input type="checkbox"/>	REACH Country Server	<input type="checkbox"/> [Other, Specify]
Data Sharing			

Will the data be shared publically?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No, only with mandating agency / body
Will all data be shared?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No, only anonymized/ cleaned/ consolidated data will be shared
	<input type="checkbox"/> No, [Other, Specify]	
Where will you share the data?	<input checked="" type="checkbox"/> REACH Resource Centre	<input type="checkbox"/> OCHA HDX
	<input type="checkbox"/> HumanitarianResponse	<input type="checkbox"/> [Other, Specify]
Responsibilities		
Data collection	<i>Bilind Fatime, Operations Coordinator, bilind.fatime@reach-initiative.org</i>	
Data cleaning	<i>Mark Stevens, Assessment Officer, mark.stevens@reach-initiative.org</i>	
Data analysis	<i>Mark Stevens, Assessment Officer, mark.stevens@reach-initiative.org</i>	
Data sharing/uploading	<i>Mark Stevens, Assessment Officer, mark.stevens@reach-initiative.org</i>	

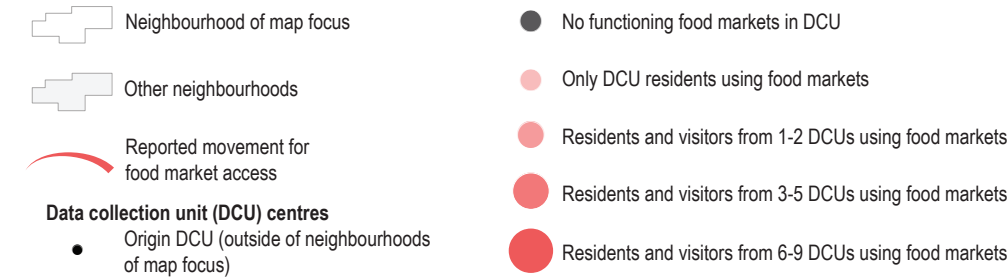
Annex: Reported movements to access core food and non-food items in Ar-Raqqa city (March 2018)

Food and Markets

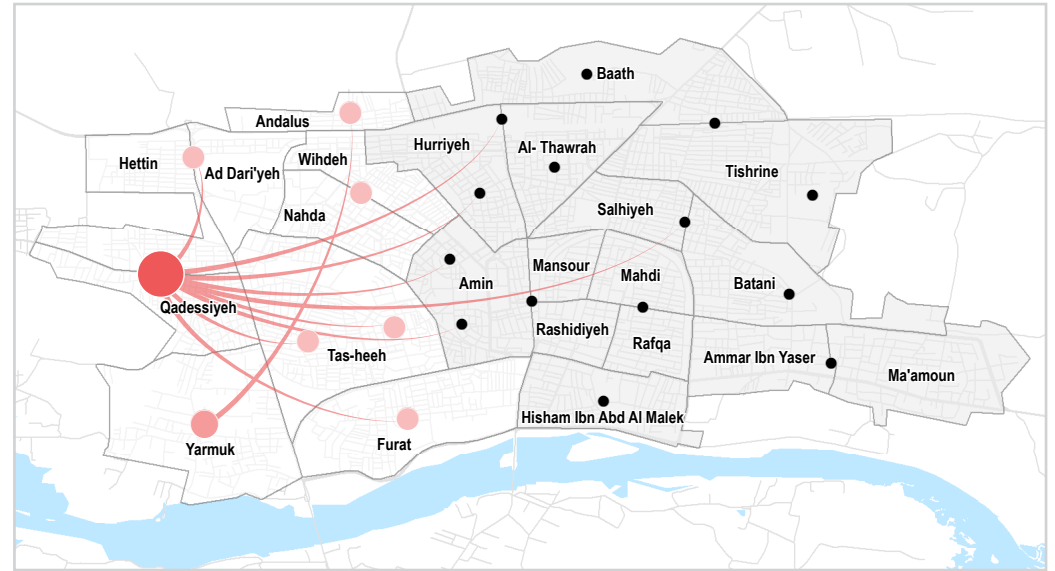
Reported movements to central neighbourhoods: Households from numerous locations travel to Mahdi and Rafqa (Old Raqqa) neighbourhoods to access food, where most core food items are available and prices are reportedly affordable for most households. Further north, households from areas with non-functional markets seek food in the northern segment of Al-Thawrah and Hurriyeh neighbourhoods (Key'tar).

Reported movements to western neighbourhoods: Qadessiyeh (Dari'yeh) is a critical hub for food in this area of the city, including for households in areas with extensive damage and without functioning markets.

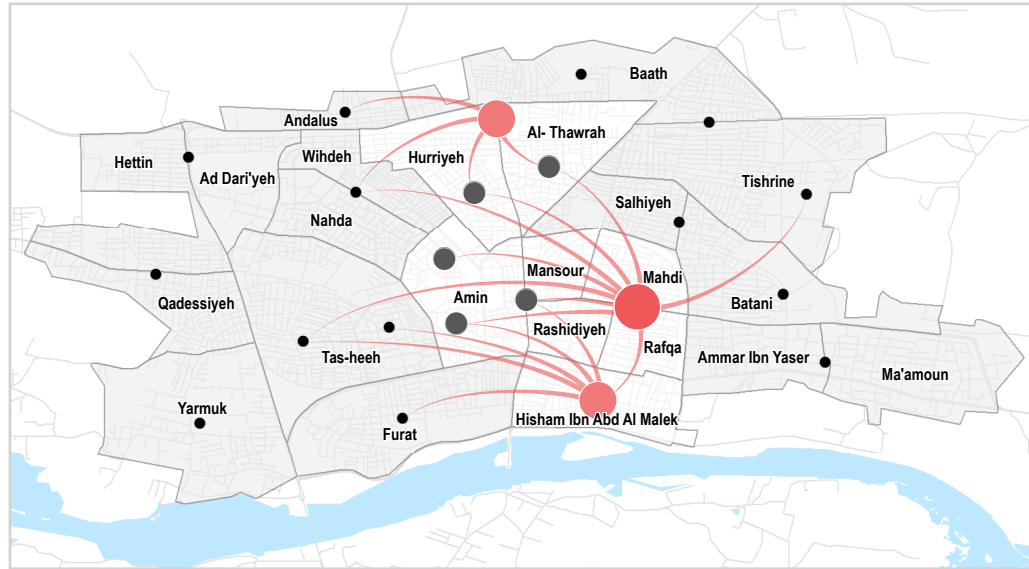
Reported movements to eastern neighbourhoods: Tishrine (Rmelah) and Amman Ibn Yaser / Ma'amoun (Meshlab) are key destinations for food.



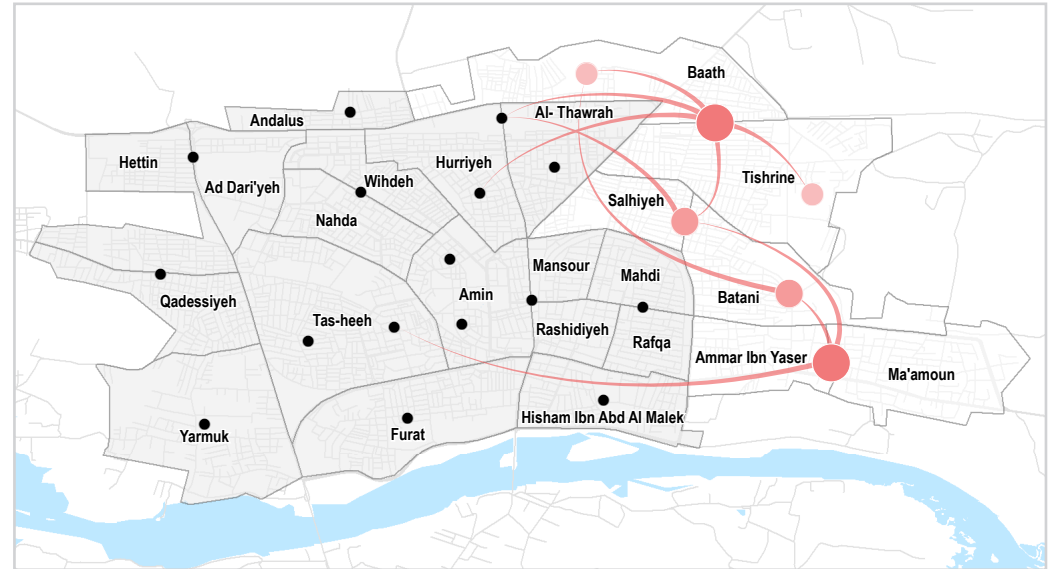
Map 13: Reported movements to western neighbourhoods for core food items



Map 14: Reported movements to central neighbourhoods for core food items



Map 15: Reported movements to eastern neighbourhoods for core food items

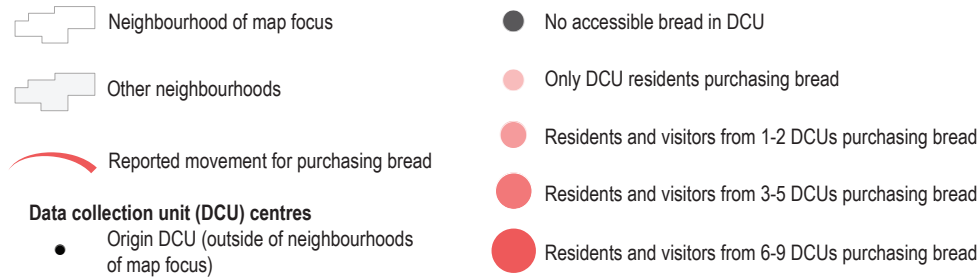


Bakeries

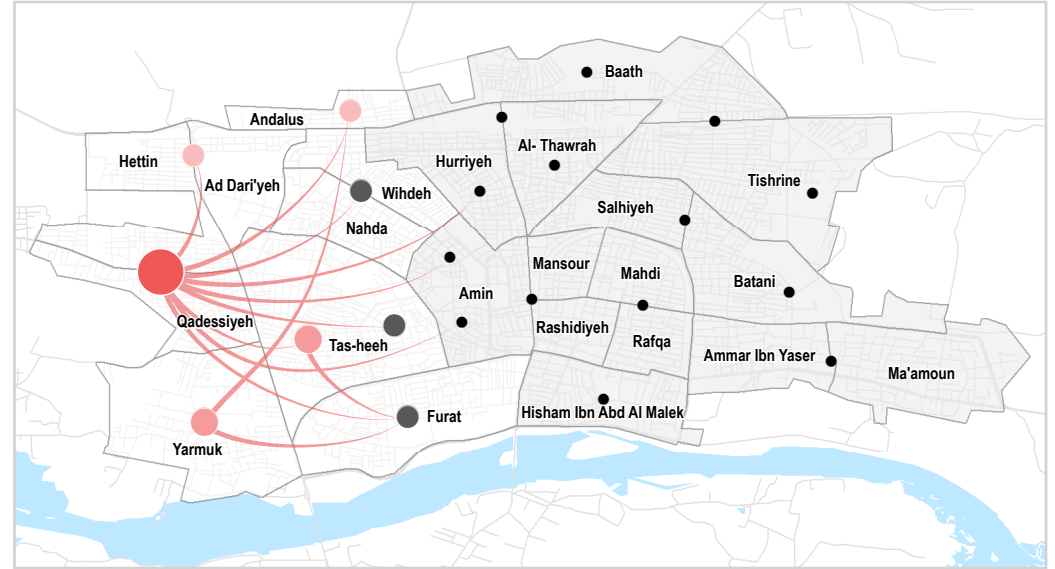
Reported movements to western neighbourhoods: Households from all neighbourhoods that lack bread are reportedly traveling to Qadessiyeh (Dari'yeh) it. KIs indicated bread is also accessed in Yarmuk (Tayyar) and Tas-heeh (Benurama).

Reported movements to central neighbourhoods: In Hisham Ibn Abd al Malek and Mahdi / Rafqa (Old Raqqa), local authorities are providing some bakeries with flour. Bread is reportedly affordable in the northern segment of Hurriyeh and Al-Thawrah neighbourhoods (Key'tar).

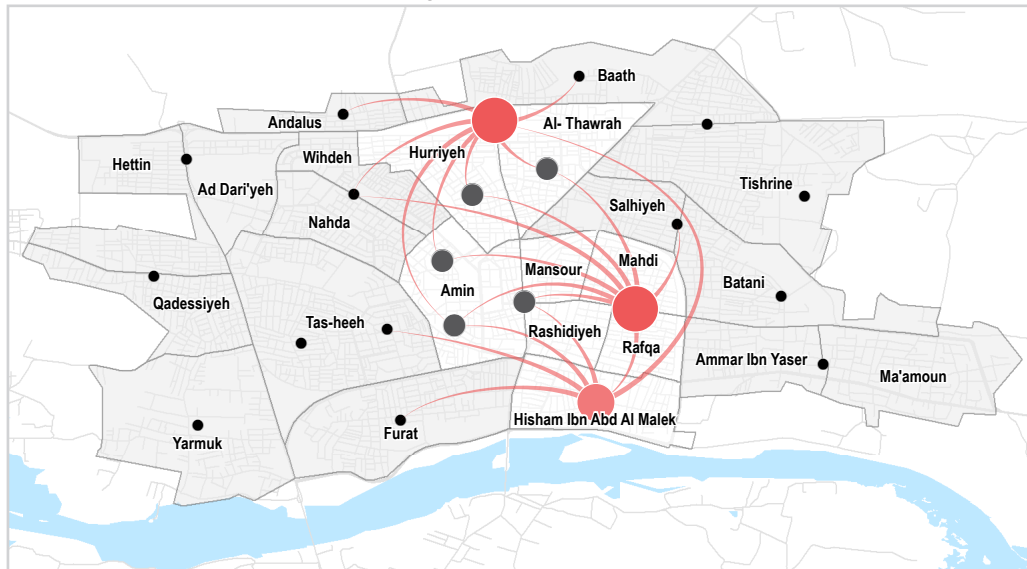
Reported movements to eastern neighbourhoods: Tishrine (Rmelah) is a destination for households in nearby neighbourhoods, including from those that have functional bakeries.



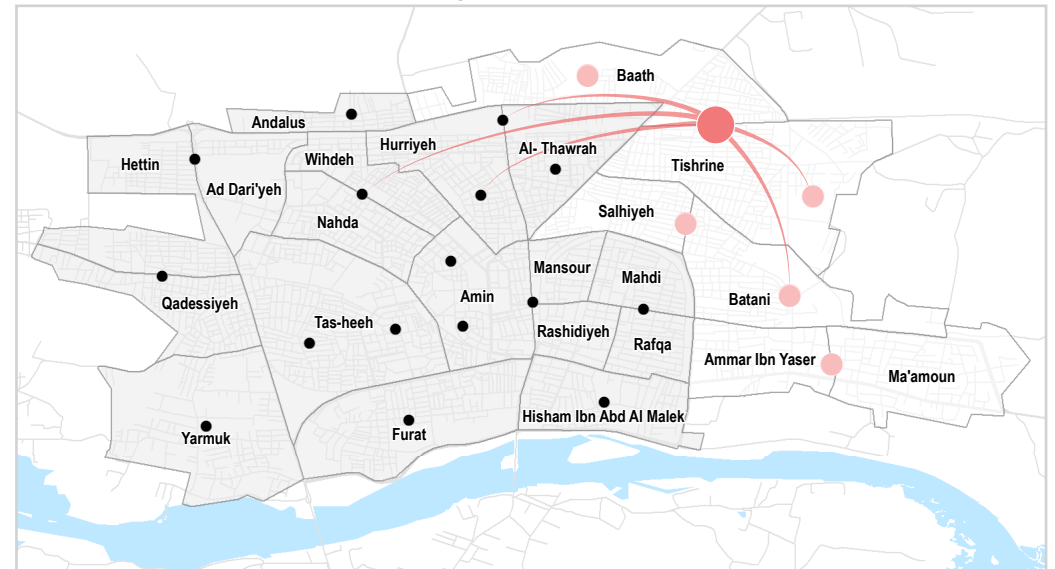
Map 20: Reported movements to western neighbourhoods for bread



Map 21: Reported movements to central neighbourhoods for bread



Map 22: Reported movements to eastern neighbourhoods for bread

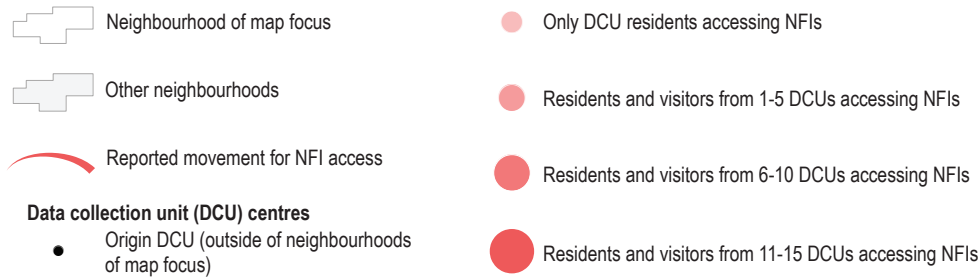


Non-food Items (NFIs)

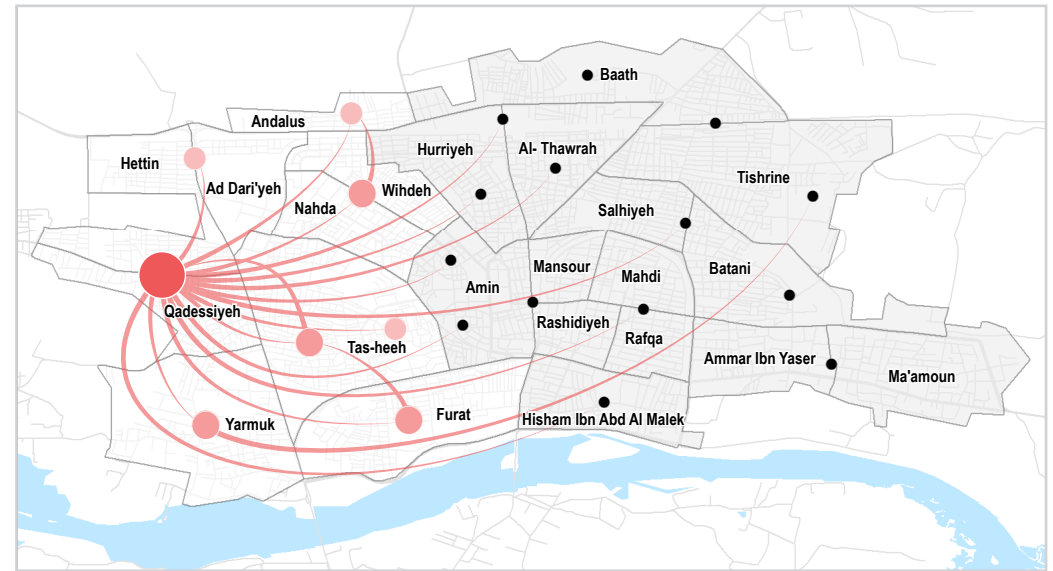
Reported movements to western neighbourhoods: Residents from nearly all neighbourhoods access NFIs in Qadessiyeh (Dari'yeh), where wholesale and retail vendors are reportedly operating.

Reported movements to central neighbourhoods: Although some NFIs are available in all neighbourhoods in this part of the city, residents still travel to the northern segment of Al-Thawrah and Hurriyeh neighbourhoods (Key'tar), Mahdi / Rafqa (Old Raqqa), and Hisham Ibn Abd al Malek to access these items.

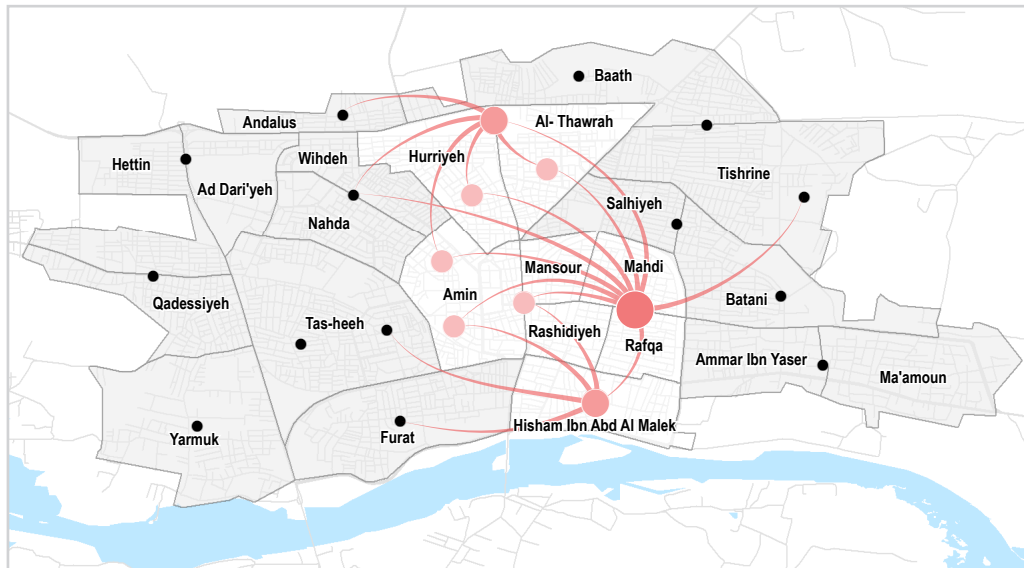
Reported movements to eastern neighbourhoods: While Ammar Ibn Yaser/Ma'amoun (Meshlab) and Tishrine (Rmelah) are key locations for NFI access, Salhiyeh (Hettin) and the Magaf area are also destinations for other neighbourhoods.



Map 25: Reported movements to western neighbourhoods for NFIs



Map 26: Reported movements to central neighbourhoods for NFIs



Map 27: Reported movements to eastern neighbourhoods for NFIs

