

Research Terms of Reference

Supply Chain Analysis

SYR2203

Northwest Syria

February 2022

Version 1

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	<input type="checkbox"/> Other (<i>specify</i>)
Type of Crisis	<input type="checkbox"/>	Sudden onset	<input type="checkbox"/>	Slow onset	<input checked="" type="checkbox"/> Protracted
Mandating Body/ Agency	PWG - HSC WG				
IMPACT Project Code	16ATA				
Overall Research Timeframe	February 2022 to July 2022				
Research Timeframe	1. Pilot/ training: 23/02/2022		6. Preliminary presentation: NA		
	2. Start collect data: 27/02/2022		7. Outputs sent for validation: 26/06/2022		
	3. Data collected: 03/03/2022		8. Outputs published: 05/07/2022		
	4. Data analysed: 18/04/2022		9. Final presentation: 10/07/2022		
	5. Data sent for validation: 19/04/2022				
Number of assessments	<input checked="" type="checkbox"/>	Single assessment (one cycle)			
	<input type="checkbox"/>	Multi assessment (more than one cycle)			
Humanitarian milestones	Milestone		Deadline		
	<input type="checkbox"/>	Donor plan/strategy	__/__/__		
	<input type="checkbox"/>	Inter-cluster plan/strategy	__/__/__		
	<input checked="" type="checkbox"/>	Cluster plan/strategy	31/08/2022		
	<input type="checkbox"/>	NGO platform plan/strategy	__/__/__		
	<input type="checkbox"/>	Other (Specify):	__/__/__		
Audience Type & Dissemination	Audience type		Dissemination		
	<input type="checkbox"/> Strategic		<input type="checkbox"/> General Product Mailing (e.g. mail to NGO consortium; HCT participants; Donors)		
	<input checked="" type="checkbox"/> Programmatic		<input checked="" type="checkbox"/> Cluster Mailing (Education, Shelter and WASH) and presentation of findings at next cluster meeting		
	<input checked="" type="checkbox"/> Operational		<input type="checkbox"/> Presentation of findings (e.g. at HCT meeting; Cluster meeting)		
	<input type="checkbox"/> [Other, Specify]		<input checked="" type="checkbox"/> Website Dissemination (Relief Web & REACH Resource Centre)		
			<input type="checkbox"/> [Other, Specify]		

Detailed dissemination plan required	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
General Objective	To inform humanitarian procurement approaches in Northwest Syria (NWS) through comprehensive mapping of non-food items supply chains, assess the functionality of the markets, and identify gaps in local production and supply.			
Specific Objective(s)	1. To map available retailers able to support medium to large-scale Shelter and Non-food Items (SNFI) Cash and Voucher Assistance (CVA) programs by humanitarian actors in NWS in central markets of Sarmada, and Dana. 2. To provide information on availability and consumer prices of key SNFI commodities ¹ in assessed markets in NWS and set relevant voucher values. 3. To provide information on the origin of key SNFI commodities and their high level supply chain (in terms of vendor's suppliers locations, stocking capacity, and whether the commodities are imported). 4. To provide information on supply chain conditions (i.e challenges with procuring key SNFI commodities, storage and transportation challenges, vendor financial ability to restock, and currency preference). 5. To provide information on whether items are being re-sold (bartered) in assessed markets by beneficiaries of SNFI in-kind assistance.			
Research Questions	1. Which retailers can be contracted by humanitarian actors to support CVA programs in NWS? 2. What are the retail prices of key SNFI commodities in assessed markets across Syria? 3. Of the SNFI items available, do these meet the specifications ² outlined in SNFI Cluster? 4. What is the origin of SNFI key commodities in assessed markets and where are the main suppliers located? 5. What challenges do vendors face in procuring key commodities, and in which currency do they prefer to receive their payments?			
Geographic Coverage	Coverage of 2 communities in NWS, namely; Sarmada (C4121), and Dana (C4126)			
Secondary data sources	1. Humanitarian Supply Chain Working Group (HSC-WG) Supply Chain Analysis 2. Northwest Syria Cash and Voucher Assistance Risk and Migration Matrix 3. Guidance Note on the Shelter and NFI Response in North-West Syria 4. Cash Feasibility Assessment 2020 North-west Syria 5. The Sphere Handbook			
Population(s)	<input type="checkbox"/>	IDPs in camp	<input type="checkbox"/>	IDPs in informal sites
	<input checked="" type="checkbox"/>	IDPs in host communities	<input type="checkbox"/>	IDPs [Other, Specify]
	<input type="checkbox"/>	Refugees in camp	<input type="checkbox"/>	Refugees in informal sites
	<input type="checkbox"/>	Refugees in host communities	<input type="checkbox"/>	Refugees [Other, Specify]
	<input checked="" type="checkbox"/>	Host communities	<input checked="" type="checkbox"/>	Retailers Selling SNFIs
Data collection tool(s)	<input checked="" type="checkbox"/>	Structured (Quantitative)	<input type="checkbox"/>	Semi-structured (Qualitative)
	Sampling method		Data collection method	
Structured data collection tool # 1	<input checked="" type="checkbox"/> Purposive <input type="checkbox"/> Probability / Simple random <input type="checkbox"/> Probability / Stratified simple random		<input type="checkbox"/> Key informant interview (Target #):_ _ _ _ _ <input type="checkbox"/> Group discussion (Target #):_ _ _ _ _ <input type="checkbox"/> Household interview (Target #):_ _ _ _ _	

¹ The items are listed in Annex 1² The specifications can be found in Annex 1

	<input type="checkbox"/> Probability / Cluster sampling <input type="checkbox"/> Probability / Stratified cluster sampling <input type="checkbox"/> [Other, Specify]	X Individual interview (Target #): 158 ³ <input type="checkbox"/> Direct observations (Target #): _____ <input type="checkbox"/> [Other, Specify] (Target #): _____	
Data management platform(s)	X IMPACT <input type="checkbox"/> [Other, Specify]	<input type="checkbox"/>	
Expected output type(s)	<input type="checkbox"/> Situation overview #: __ <input type="checkbox"/> Presentation (Preliminary findings) #: __ <input type="checkbox"/> Interactive dashboard #: __ <input type="checkbox"/> [Other, Specify] #: __	<input type="checkbox"/> Report #: __ X Presentation (Final) #: 1 <input type="checkbox"/> Webmap #: __	<input type="checkbox"/> Profile #: __ X Factsheet #: 1 <input type="checkbox"/> Map #: __
Access	X Public (available on REACH resource center and other humanitarian platforms) X Restricted (bilateral dissemination only upon agreed dissemination list, no publication on REACH or other platforms)		
Visibility	REACH, HSC WG, NGO Forum Donor: BHA Coordination Framework: Partners:		

2. Rationale

2.1 Background

The ongoing conflict, along with recurring drought conditions, has damaged pre-existing market structures in Syria. A decreased productive base, employment collapse (especially in the trade sector), a lack of income-generating opportunities, rising inflation, and the depreciation of the Syrian pound are all symptoms of the ongoing crisis. In this framework, some humanitarian actors have been transitioning away from emergency programming and towards recovery approaches that utilise market systems, including localization of activities (e.g procurement) to support local market functionality, and the use of CVA programming.

Currently, the NWS humanitarian supply chain is heavily dependent on items imported from Turkey, particularly, supply chains related to in-kind assistance such as food baskets, non-food item (NFI) kits, emergency shelter repair kits (ESKs), hygiene kits, and other common in-kind assistance packages recommended by the UN Cluster system. This dependency on imported humanitarian assistance continues to present a significant risk to the overall response should transshipment be disrupted by the expiration of the UN Cross Border Resolution, and if the borders close, this will result in problems to the supply chains, increasing prices, and reduced products availability.⁴ In 2020, the NGO Forum established the Procurement Working Group (PWG) to plan for a more sustainable commercial supply chain and in their assessment in 2021, the PWG launched a baseline study for NGOs' procurement capacity. The study conclusion shows that after Food Security, SNFI and Wash sectors represented the largest volume of crossborder transshipped in-kind assistance in 2020⁵.

The NWS local markets are functional, yet the humanitarian actors started to shift from emergency to preparedness planning, and one of the suggested approaches is to increase the scale-up of CVA to reduce in-kind assistance given the uncertainty around the future cross border voting⁶. In the HSC WG strategic objectives, the working group highlights the need to identify solutions to increase local procurement in order to reduce the dependency on transshipment. The HSC WG also

³ Based on a rough count of the number of shops selling SNFI and Hygiene items in Sarmada and Dana communities (88, and 70, respectively)

⁴ [Northwest Syria Cash and Voucher Assistance Risk and Mitigation Matrix](#)

⁵ Humanitarian Supply Chain Working Group (HSC WG) Strategy 2022

⁶ [Cash Feasibility Assessment 2020, Northwest Syria](#)

recommended the adoption of CVA interventions, and the implementation of further assessments to explore supply chains in local markets in relation to in-kind commodities.

This assessment aims to inform humanitarian procurement approaches in Northwest Syria (NWS) through comprehensive mapping of SNFI and Hygiene items, and will be piloted in Sarmada and Dana communities to act as an initial step in understanding local markets functionality, and the feasibility of implementing such assessments on larger scales

2.2 Intended impact

[REACH's Joint Market Monitoring Initiative \(JMMI\) exercise](#) findings support the growing tendency towards local procurement of Food (often through CVA interventions) in this sector in 2021. However, some gaps remain in sectors other than the Food Security sector. The HSC WG analysis in 2021 identified the next largest volume of in-kind assistance as SNFI commodities, primarily provided by UN Agencies, and recommended this sector to explore opportunities to scale-up local procurement and/or explore the use of CVA modalities to reduce overall transshipment volumes. For local procurement, greater information about the availability of in-kind NFI assistance is needed to inform NGOs' procurement strategies and encourage greater local market engagement. For CVA targeting SNFI activities, greater information regarding the availability of items, vendors, and commodity prices is needed to properly inform the design of CVA activities.

This assessment, meant to address these information gaps, will be piloted in Sarmada, and Dana communities in NWS. And in the meantime, the results of the assessment would feed into the planning phases of CVA programming implemented by humanitarian actors, while also identify some of the challenges that vendors face in procuring key SNFI commodities, and highlight their capacity to store and re-stock items.

3. Methodology

3.1 Methodology overview

This supply chain analysis exercise is a quantitative assessment that targets retailers selling SNFI and hygiene items in a commodity mapping exercise in the markets in the pilot communities of interest (Sarmada C4121, and Dana C4126) in the NWS. Interviewing the retailers will help in identifying the availability of SNFI and hygiene items in the assessed markets, the feasibility to implement a CVA program, the origin of SNFI commodities in markets, and the challenges that retailers face in terms of financing, transportation, restocking and storage.

In these markets, before the assessment and to specify the target needed, a rough-count of retailers (1 day exercise) in the mentioned communities, was done by REACH enumerators. They identified 88 shops selling SNFI and hygiene items in Sarmada, and 70 shops in Dana. For data collection, the enumerators will walk through the identified markets and reach out to as many retail shopkeepers or managers from the target⁷ as possible. Enumerators will collect data on, inter alia, retailers willingness and ability to support CVA programs by humanitarian actors, and particularly vouchers (whether paper or electronic form). The enumerators will also collect information on the availability and prices of SNFI and hygiene items, along with shop detailed locations. Field data collection is going to take up to 5 days and will be conducted between February 27th and March 3rd, 2022. Enumerators will use KoboCollect during the surveys with retailers.

3.2 Population of interest

⁷ The target based on a rough count exercise is: 88 SNFI and Hygiene shops in Sarmada, and 70 SNFI and Hygiene shops in Dana.

This assessment will be conducted in Sarmada C4121 and Dana C4126 central markets at the individual level targetting retailers. The selection of these communities was done in coordination between the HSC WG and REACH. The 2 communities were identified as good functional markets to pilot the assessment in due to a good concentration of vendors selling SNFI and hygiene items, and also selected based on field data collection access. In these markets, the assessment targets all retailers that sell SNFI and hygiene items in the assessed locations (Sarmada C4121, and Dana C4126), and individual surveys will be conducted with the shopkeeper.

3.3 Secondary data review

The Procurement Working Group (PWG), established by the NGO Forum and tasked to develop action plans for establishing resilient cross border supply chain launched an assessment in 2021 to set up a baseline for the NGO procurement practice and capacity. The study findings are to support coordination and contingency planning by identifying strengths, weaknesses and needs per humanitarian sector. The study concluded that SNFI procurement of in-kind assistance composes the 2nd largest volume of transshipped assistance by the UN Agency in 2020, and a clear dependence on non-local markets is indicated by the fact that NGOs were accountable for 55% of all SNFI cargo transfers into Syria in 2020. The study recommends NGOs to start contingency planning, more specifically the feasibility of CVA interventions to decrease procurement needs and suggests that a gradual transition to large-scale CVA may have potential in central markets, as long as they are functional.

This conclusion is also supported by the [Cash Feasibility Assessment 2020](#) conducted by the International Organization for Migration (IOM) in NWS. In its main findings, the study reports that most of humanitarian assistance in NWS is still distributed as in-kind assistance. However, the study also notes that CVA in NWS needs to be scaled-up sooner than later, specifically given the status of increasing needs and the doubt concerning future cross-border humanitarian response. It also mentions that local markets in NWS are functional, accessible, and proven to be resilient throughout the crisis so far.

Additionally, in the IOM study on cash feasibility, one of the main recommendations to humanitarian aid agencies is to adopt electronic systems when doing CVA, such as e-vouchers which increase compliance with monitoring requirements through CVA programs. At the same time, the study reports that in 2020, half of NFI assistance volume was in cash and 25% was in vouchers reaching to 220 thousand beneficiaries in 17 sub-districts.

[The guidance note on Shelter and NFI response in NWS](#) clearly shows the specifications for items included in this assessment. More so, it shows the SNFI kits, the items per kits, and the quantity. Additionally, this assessment also builds on a list of consolidated in-kind kits, provided by the PWG and shared with REACH. Finally, to some extent, specifications for the materials were also extracted from the [Humanitarian Sphere](#), specifically in terms of commodity standard specifications. This assessment builds its objectives based on the aforementioned studies, findings, and material, along with the PWGs objective to identify alternative solutions to increase local procurement and advocate towards CVA interventions through local markets. Thus, the choice of prioritizing SNFI and hygiene items availability in the targeted markets, and the attempt to study the feasibility of specifying a voucher amount for SNFIs.

3.4 Primary Data Collection

Data collection will occur over the period of 5 days during February 27th and March 3rd, 2022. In the retailers mapping component, all shops selling SNFI items shown in Annex 1 below will be targeted for data collection. To avoid duplication, the assessed areas will be geographically divided into smaller zones in coordination with field coordinators, and REACH

enumerators will proceed to walk the full assigned coverage area collecting data from every NFI shop meeting the criteria⁸. In the end, enumerators should have walked the whole area of the assessed locations collecting data from the full (or as many as possible given the period of data collection limitations) population of shops that meet the criteria.

The enumerators employed for this assessment are REACH/ACTED employees. The data collection tool will be developed by REACH. Communities targeted for this assessment were selected based on a recommendation from the PWG and based on REACH's coverage areas.

REACH is leading the development of indicators for this assessment and integrates PWG's inputs and reviews on indicators. The structured tool (individual survey with retailers) will be created as an ODK xls form that will be used on the KoBo Collect and KoBo Server platforms, where enumerators will access the tool and submit their survey forms directly. Follow-ups conducted between assessment staff and field teams will be performed to avoid outliers and data errors and ensure data quality. Findings will be corroborated through discussions with PWG and CWG.

3.5 Data Processing & Analysis

Data collection and entry will be accomplished using KoBo Collect. Forms will be updated by REACH and on a central KoBo server. Data processing and cleaning will be conducted by assessment and data officers using R scripts. Numerical variables will take the median in order to account for extreme outliers. Categorical variables will take the number and/or percentage of vendors that answered a given answer option.

Data cleaning will be conducted through a generation of R script by the senior data officer. The script will translate all other and text responses (except for the other specifications of items) from Arabic to English and the translation will be checked and validated by the assessment officer. The cleaning script will, among all audit checks, also check for soft duplicates, exclude any sensitive data columns from the cleaned data sets, and will deal with the outliers as NAs. The resultant of the cleaning will be 2 datasets, one with full information including sensitive data, and the other without it.

The following indicators, among others, will be analysed and included in the output (see data analysis plan for full list of indicators):

- Vendors that sell SNFI and hygiene items and can support CVA services provided by humanitarian actors to beneficiaries.
- Origin of key commodities and whether they are imported or not.
- Retailer's ability and capacity to store and re-stock SNFI and hygiene commodities.
- Challenges that retailers are having in procuring SNFI and hygiene commodities.
- Currency of payment preference.

Findings will be indicative to the community level in NWS and will be reported on as medians for numerical indicators and reported on as modes (most commonly reported answers) for categorical indicators.

4. Key ethical considerations and related risks

The proposed research design meets / does not meet the following criteria:

<i>The proposed research design...</i>	<i>Yes/ No</i>	<i>Details if no (including mitigation)</i>
... Has been coordinated with relevant stakeholders to avoid unnecessary duplication of data collection efforts?	Yes	

⁸ The criteria here means: whether a shop sells SNFI or hygiene items, and whether it sells the items targeted in this assessment. If the vendor does not sell any of the items listed in Annex 1 the survey will not continue.

... Respects respondents, their rights and dignity (<i>specifically by: seeking informed consent, designing length of survey/ discussion while being considerate of participants' time, ensuring accurate reporting of information provided</i>)?	Yes	
... Does not expose data collectors to any risks as a direct result of participation in data collection?	Yes	
... Does not expose respondents / their communities to any risks as a direct result of participation in data collection?	Yes	
... Does not involve collecting information on specific topics which may be stressful and/ or re-traumatising for research participants (both respondents and data collectors)?	Yes	
... Does not involve data collection with minors i.e. anyone less than 18 years old?	Yes	
... Does not involve data collection with other vulnerable groups e.g. persons with disabilities, victims/ survivors of protection incidents, etc.?	Yes	
... Follows IMPACT SOPs for management of personally identifiable information ?		

5. Roles and responsibilities

Table 3: Description of roles and responsibilities

Task Description	Responsible	Accountable	Consulted	Informed
Research design	Assessment Officer	Research Manager	PWG, Data Officer, Data Specialist	Country Coordinator
Supervising data collection	Assessment Officer, Field Manager	Research Manager	Field Manager	Country Coordinator, Data Specialist
Data processing (checking, cleaning)	Senior Data Officer	Assessment Officer	Research Manager, Data Specialist, IMPACT HQ RDDU	Country Coordinator
Data analysis	Data Officer, Assessment Officer	Research Manager	Data Specialist, IMPACT HQ RDDU	Country Coordinator, PWG
Output production	Assessment Officer, Data Officer	Research Manager	Data Specialist, IMPACT HQ RDDU	Country Coordinator, PWG
Dissemination	Assessment Officer	Research Manager	PWG, IMPACT HQ RDDU	Country Coordinator
Monitoring & Evaluation	Assessment Officer	PD Officer	PWG, IMPACT HQ RDDU	Research Manager, Country Coordinator
Lessons learned	Assessment Officer, Data Officer, Field Manager	Research Manager	PD Officer, PWG, Data Specialist, IMPACT HQ RDDU	Country Coordinator

Responsible: the person(s) who executes the task

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

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

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

5. Data Analysis Plan

The Data Analysis Plan is Annexed below in Annex 2.

7. Monitoring & Evaluation Plan

IMPACT Objective	External M&E Indicator	Internal M&E Indicator	Focal point	Tool	Will indicator be tracked?
Humanitarian stakeholders are accessing IMPACT products	Number of humanitarian organisations accessing IMPACT services/products Number of individuals accessing IMPACT services/products	# of downloads of x product from Resource Center	Country request to HQ	User_log	X Yes
		# of downloads of x product from Relief Web	Country request to HQ		X Yes
		# of downloads of x product from Country level platforms	Country team		X Yes
		# of page clicks on x product from REACH global newsletter	Country request to HQ		X Yes
		# of page clicks on x product from country newsletter, sendingBlue, bit.ly	Country team		X Yes
		# of visits to x webmap/x dashboard	Country request to HQ		<input type="checkbox"/> Yes
IMPACT activities contribute to better program implementation and coordination of the humanitarian response	Number of humanitarian organisations utilizing IMPACT services/products	# references in HPC documents (HNO, SRP, Flash appeals, Cluster/sector strategies)	Country team	Reference_log	NA
		# references in single agency documents			NA
Humanitarian stakeholders are using IMPACT products	Humanitarian actors use IMPACT evidence/products as a basis for decision making, aid planning and delivery Number of humanitarian	Perceived relevance of IMPACT country-programs	Country team	Usage_Feed back and Usage_Survey template	Regular REACH Syria research surveys
		Perceived usefulness and influence of IMPACT outputs			
		Recommendations to strengthen IMPACT programs			
		Perceived capacity of IMPACT staff			
		Perceived quality of outputs/programs			

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

ANNEX 1: LIST OF ITEMS ASSESSED AND THEIR SPECIFICATIONS

a. Comprehensive Shelter Kit

Item	Specifications
Plastic sheeting	4m wide and 6m long roll, white sun-reflective colored on both sides
Solar lamp	weather and shock proof, with rechargeable battery (4V/6V), LEDs, and Solar Panel (6V, 0.7W). Compatible with AC charge
Jerrycan (10L)	10 Litres, light color (White or Yellow), made of hard plastic non-compressible
Blankets(Single)	1.5 m wide and 2 m long, 60% acrylic and 40% cotton/ polyester mixture, not black/red/white, and fire resistant
Blankets(Double)	2x2 m, 60% acrylic and 40% cotton/ polyester mixture, not black/red/white, and fire resistant
Carpet	2m wide x 3 m long, polypropelene, assorted color with neutral design
Hasira	(4 m wide x 3 m long, polypropelene, assorted color with neutral design
Mattresses	0.9 m wide x 1.8 m long x 0.1 m high Polyurethane mattress, with removable cotton or cotton/polyester mixture cover with zipper
Rope	30 meters long, made of durable plastic/nylon, twisted, in blue or black colors
Duct Tape	50 m long, 4.8 cm wide, polyethylene over cloth
Roof Nails and Washer	1 box of 1 kg, 7 cm long, galvanized steel, spiral/twisted shank, umbrella-head
Large nails	1 box of 1 kg, 7.5 cm long, iron, rustproof (galvanised)
Small nails	1 box of 1 kg, 4 cm long, iron, rustproof (galvanised)
Pliers	26 cm long x 7 cm wide x 2 cm thick, heavy duty carbon steel, side cutters and grip jaws, insulated handle
Claw hammer	weighs 750 g, steel head and wooden handle, 1 flat head side and 1 claw to remove nails
Shovel	1 m long handle, 29.5cm wide x 22.5 cm long head dimensions, black painted head against corrosion
Handsaw	weighs 300 g, minimum 40 cm long blade, with wooden dismountable handle and blade protection
Woven sack	1 piece, 0.4 m wide x 1.3 m long, not used, woven polypropylene, and white coloured
Wood	1 piece, 2m long x 10 cm wide x 5 cm thick, solid softwood, treated against insects, smooth and paintable texture
Padlock	1 piece, 4 cm high, solid brass body and steel shackle, with 2 keys
Padlock hinges	1 piece, 3 cm wide x 15 cm long, stainless steel, compatible with doors and lockers, and comes with mounting screws
Screws	1 box of 1kg, 4 cm long, made of stainless steel
Tie wire (2 kg)	2 kg in weight, galvanised steel metal wire
Hessian sacks	1 piece, 50 cm wide x 75 cm long, made of durable hessia

b. Comprehensive Hygiene Kit + Baby kit

Item	Specifications
Bucket	20 litres, preferably with lid
Comb (hair)	maximum 22 cm long, high strength plastic, double sided (1 wide, 1 narrow tooth arrangement)
Dishwashing Sponge	1 piece, used for dishwashing
Nail clipper	stainless steel and metallic color
Rope/laundry line	10 m long, insulated (with nylon or plastic), used as a laundry line
Toothbrush (adult)	Suitable size for adults (16 to 18.5 cm long max), medium hardness bristles, and individually packed
Toothbrush (child)	Small size suitable for children (12 to 16 cm long max), soft hardness bristles, and individually packed
Towel - Kitchen	30 cm wide x 70 cm long, not white
Towel - large	80 cm wide x 150 cm long, not white
Metal Mug	250 ml Metal Mug
Jug	1.5 litres, plastic, typically used for ablution
Dishwashing liquid	750 ml, packed in plastic container
Razors	5 per one pack, twin stainless steel blade, 10 cm handle, and disposable
Sanitary pads	10 per pack, medium size
Shampoo	1 litre, for normal hair, in plastic bottle, ph 5 to 9
Shaving cream	60 ml
Soap	1 or 2 bars, adding up to 250 g
Toothpaste (adult)	75 ml tube
Toothpaste (child)	75 ml tube
Laundry Detergent/Washing Powder	2 kg, suitable for both hand and non automatic machine washers
Plastic Basin	15 litre basin - plastic
Jerry Can	20 liter, light coloured (yellow or white) non-collapsible plastic
Child Diaper - Small	for babies 3 to 5 kg in weight, disposable, anti-leak, 24 pieces pack
Child Diaper - Medium	for babies 4 to 9 kg in weight, disposable, anti-leak, 24 pieces pack
Child Diaper - Large	for babies 10 to 12 kg in weight, disposable, anti-leak, 24 pieces pack
Baby soap	100 g
Baby Wipes	100 wipes per pack
Petrolatum baby ointment	100 g jar

ANNEX 2: DATA ANALYSIS PLAN

a. Retailers Individual Survey

Research Question	Indicator Group	Questionnaire Question - EN	Instructions	Options	Data Level	Collection	Sampling	Randomization (Some questions only appear at certain instances based on a randomly generated number)
NA	Key Characteristics	1.2 Date of Survey	date		Individual Survey		Purposive	
	Key Characteristics	1.3 Enumerator ID	text		Individual Survey		Purposive	
	Key Characteristics	1.4 Select governorate	select one	external Admin list	Individual Survey		Purposive	
	Key Characteristics	1.5 Select district	select one	external Admin list	Individual Survey		Purposive	
	Key Characteristics	1.6 Select sub-district	select one	external Admin list	Individual Survey		Purposive	
	Key Characteristics	1.7 Select community	select one	external Admin list	Individual Survey		Purposive	
	Key Characteristics	1.7.1 Other (Please Specify)	text		Individual Survey		Purposive	

	Key Characteristics	1.9 Is this a camp market?	select one	Yes, this market is in a camp No, this market is not in a camp	Individual Survey	Purposive	
	Key Characteristics	1.10 Camp name:	text		Individual Survey	Purposive	
	Key Characteristics	1.11 Market name:	text		Individual Survey	Purposive	
	Key Characteristics	1.12 Type of area:	select one	Urban Rural	Individual Survey	Purposive	
	Key Characteristics	1.13 Shop name:	text		Individual Survey	Purposive	
	Key Characteristics	<p>Hello, my name is ___(name)___ and I work for an organization called REACH.</p> <p>At REACH, we specialize in providing information to humanitarian actors in northern Syria that allows them to make decisions and plans based on evidence and facts on the ground. Please note that REACH does not provide any humanitarian assistance or services and this assessment does not directly link to any assistance programme.</p>	select one	Yes No	Individual Survey	Purposive	

		<p>In order to provide information to humanitarian actors, we are currently working on a survey to have an understanding of the availability of non-food items in markets and their high level supply chain from the retailers point of view. This assessment will help to identify gaps in local production and supply as well as provide some insights on the local market functionality.</p> <p>As you may know, many humanitarian organisations have flexibility to deliver assistance in either in-kind aid, or cash/vouchers in the events of emergency, or continued assistance for people in need. The choice of assistance is dependent, inter-alia, on needs and preference of the beneficiaries, the assistance program designs, and the impact on the local markets.</p> <p>I will ask you a number of questions about some non food items, regarding their availability in your shop, touching up on some of their specifications, and some questions about the prices for these items, and their stocks. You will also notice that I will ask you additional questions on your ability to provide stocks to meet the local demand. Your participation in answering these questions is voluntary and we hope that</p>					
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		<p>you will agree to participate. However, your refusal to participate will not affect you in any way.</p> <p>If you agree to participate, the information that you provide will remain confidential, and will not be shared with anybody other than those involved in the study. Also note that it is your right to refrain from answering any question or to stop completing the questionnaire at any time if you wish.</p> <p>Is it okay for me to continue with the survey?</p>					
	Key Characteristics	What type of shop is this?	select_one shop_type	Retailer Wholesaler	Individual Survey	Purposive	
	Key Characteristics	Please make sure that the shop falls within the boundaries of scope of the assessment.	acknowledge		Individual Survey	Purposive	
(2) Which retailers can be contracted by humanitarian actors to support CVA Programs in NWS?	Vendor Information	2.1 Please enter the vendor first name?	text		Individual Survey	Purposive	
	Vendor Information	2.2 Please enter the vendor last name?	text		Individual Survey	Purposive	
	Vendor Information	2.3 Gender of the vendor?	select one	Male Female	Individual Survey	Purposive	

	Vendor Information	2.4 Is this person the shop owner?	select one	Yes No	Individual Survey	Purposive	
	Vendor Information	2.5 Please enter the contact number of the shop/owner?	text		Individual Survey	Purposive	
	Vendor Information	2.7 What time does the shop normally open?	select one	00:00 01:00 02:00 03:00 04:00 05:00 06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00	Individual Survey	Purposive	

	Vendor Information	2.8 What time does the shop normally close?	select one	00:00 01:00 02:00 03:00 04:00 05:00 06:00 07:00 08:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00	Individual Survey	Purposive	
	Vendor Information	2.9 Which of the following days is the shop open for customers?	select multiple	Monday Tuesday Wednesday Thursday Friday Saturday Sunday	Individual Survey	Purposive	

Vendor Information	2.10 Have you worked with an NGO before?	select one	Yes, I did. Now I don't. Yes, and I still work with NGOs No	Individual Survey	Purposive	
Vendor Information	2.11 Do you want to work with an NGO?	select one	Yes No	Individual Survey	Purposive	
Vendor Information	2.12 if No, would you please explain why?	text		Individual Survey	Purposive	
Vendor Eligibility		begin_group		Individual Survey	Purposive	
Vendor Eligibility	Before I start with the next question, please allow me to explain what Cash and Voucher Programmes mean, as in the next questions you will find me asking you questions related to it.	note		Individual Survey	Purposive	
Vendor Eligibility	Cash and voucher programmes are in short humanitarian assistance programmes where humanitarian organizations distribute a certain amount of cash or vouchers that can be replaced with materials to beneficiaries. The beneficiary uses the cash or voucher to purchase his or her family's needs from the local market. The distribution can sometimes reach hundreds or thousands of beneficiaries.	note		Individual Survey	Purposive	

		<p>Mostly, this large number of beneficiaries may need to spend their cash assistance/vouchers within a specified duration (called redemption period). This period can be two weeks and can sometimes extend to 4 weeks. In special cases, this duration may be longer.</p> <p>In the case of vouchers, the NGO usually contracts a number of vendors that agree to participate in the CVA programme and have met specific criteria. The vouchers that are distributed to the beneficiaries will only be valid for use at these selected vendor shops. The beneficiaries will have to use their vouchers during the redemption period. After the redemption period ends, the NGO will pay the vendor (or as per contract).</p> <p>For markets, this could mean that the demand for items could increase sharply in a short and limited duration of time.</p>					
	Vendor Eligibility	3.1 Would you be willing to participate in CVA projects?	select one	Yes No	Individual Survey	Purposive	
	Vendor Eligibility	3.2 Are you willing to provide price quotations for the items?	select one	Yes No	Individual Survey	Purposive	

	Vendor Eligibility	3.3 Do you have the financial ability to wait approximately 1 month during the end of redemption period and payment?	select one	Yes No	Individual Survey	Purposive	
	Vendor Eligibility	3.4 If you experience supply shortages, do you commit to ensuring you have sufficient stock during the redemption period?	select one	Yes No	Individual Survey	Purposive	
	Vendor Eligibility	3.5 Do you accept to sell to both men and women?	select one	Yes No	Individual Survey	Purposive	
	Vendor Eligibility	3.6 Do you accept to sell to host community and IDPs?	select one	Yes No	Individual Survey	Purposive	
	Vendor Eligibility	3.7 Have you ever implemented voucher projects before?	select one	Yes No	Individual Survey	Purposive	
	Vendor Eligibility	3.8 Do you have enough experience to work on the hardware system used in the electronic voucher projects?	select one	Yes No, I only worked with paper voucher projects	Individual Survey	Purposive	
	Vendor Eligibility		end_group		Individual Survey	Purposive	
	Shop assessment		begin_group		Individual Survey	Purposive	
	Shop assessment	4.1 For how long has your shop been active in this marketplace?	select one	less than 6 months 6 to 12 months 1 to 2	Individual Survey	Purposive	

				years 3 to 4 years 4 to 5 years More than 5 years			
	Shop assessment	4.2 Who are the main customers of your shop?	select one	Mostly, IDPs Mostly, Host Community Both (same percentage)	Individual Survey	Purposive	(\${rand}>=30 and \${rand}<=60)
	Shop assessment	4.3 How many customers do you typically have at your shop on a normal day?	integer		Individual Survey	Purposive	(\${rand}>=30 and \${rand}<=60)
	Shop assessment	4.4 Do you have good mobile network coverage at your shop location?	select one	Yes No I don't have a phone	Individual Survey	Purposive	
	Shop assessment	4.5 Do you sell any of the following items at your shop (Hygiene)?	select multiple	Bucket, 20 liters Comb (hair) Sponge (Dishwashing)	Individual Survey	Purposive	

				Nail clipper Rope/laun dry line (10 m) Toothbrus h (adult) Toothbrus h (child) Towel -- Kitchen Towel -- large (80x150) Metal Mug Jug (plastic) for ablution, 1.5L Dishwashi ng liquid (750 ml) Razors Sanitary pads Shampoo Shaving cream Soap 250g Toothpast e (adult) Toothpast e (child) Laundry Detergent/ Washing			
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				Powder (2 kg.) Basin (15L) Jerry Can (20L) Child Diaper small (disposable) Child Diaper - Medium Child Diaper - Large Baby soap (100 grams) Baby Wipes (cleaning) Petrolatum baby ointment None			
	Shop assessment	4.6 Do you sell any of the following items at your shop (Shelter)?	select multiple	Plastic sheet Solar lamp Blankets(Single) Blankets(Double)	Individual Survey	Purposive	

				Carpet Hasira Mattresses Duct Tape Roof Nails and Washer Large nails Small nails Pliers Claw hammer Shovel Handsaw Woven sack Wood Padlock Padlock hinges Screws Tie wire (2 kg) Hessian sacks rope Jerrycan (10L) None			
	Shop assessme nt	4.7 Do you buy any of the selected items in bulk and store them?	select one	Yes No – No need to store	Individual Survey	Purposive	$\${\text{rand}} \leq 30$

				No – No capacity			
	Shop assessment	4.8 Please select the top 3 most sold Hygiene items at your shop?	select multiple	filtered list of items	Individual Survey	Purposive	(\${rand}>=25 and \${rand}<=40)
	Shop assessment	4.9 Please select the top 3 most sold Shelter items at your shop?	select multiple	filtered list of items	Individual Survey	Purposive	(\${rand}>=25 and \${rand}<=40)
	Shop assessment	4.10 What is the main currency used at your shop?	select one	SYP USD TRY	Individual Survey	Purposive	
	Shop assessment	4.11 What is the exchange rate from 1 USD to SYP today?	decimal		Individual Survey	Purposive	(\${rand}>=25 and \${rand}<=40)
	Shop assessment	4.12 What is the exchange rate from 1 TRY to SYP today?	decimal		Individual Survey	Purposive	(\${rand}>=25 and \${rand}<=40)
	Shop assessment	4.13 What is the exchange rate from 1 USD to TRY today?	decimal		Individual Survey	Purposive	(\${rand}>=25 and \${rand}<=40)
	Shop assessment	4.14 Do you have partners?	select one	Yes No Prefer not to answer	Individual Survey	Purposive	(\${rand}>=25 and \${rand}<=40)
	Shop assessment	4.15 If yes, how many partners do you have?	integer		Individual Survey	Purposive	(\${rand}>=25 and \${rand}<=40)

	Shop assessment	4.16 On average, how often do you change your prices?	select one	Daily More than once in a week Once per week Once every 2 weeks Once per month None Other	Individual Survey	Purposive	(\${rand}>=25 and \${rand}<=40)
	Shop assessment	4.16.1 Other (Please Specify)	text		Individual Survey	Purposive	(\${rand}>=25 and \${rand}<=40)
	Shop assessment	4.17 What type of payment do you accept at your shop?	select multiple	Cash Voucher Credit Barter Other	Individual Survey	Purposive	\${rand}<=30
	Shop assessment	4.17.1 Other (Please Specify)	text		Individual Survey	Purposive	\${rand}<=30
	Shop assessment	4.18 Do you have the capacity to support medium to large scale CVA?	select one	Yes No	Individual Survey	Purposive	
2. What are the retail prices of key SNFI commodities in assessed markets across Syria?							
		In the next section, I will be asking you questions regarding each of the items you have previously mentioned that you sell at your shop. I will be			Individual Survey	Purposive	

3. Of the SNFI items available, do these meet the minimum specifications outlined in SNFI Cluster? 5. What is the origin of key commodities in assessed markets and where are the main suppliers located		mainly asking you about the prices, origin, and the suppliers locations for each item. Additionally, I will be asking you some questions about the specifications of the items and the stocks.					
			begin_group		Individual Survey	Purposive	
	brands available	5.1 How many brands of "Bucket" are available at your shop?	integer		Individual Survey	Purposive	#{rand}<=30
	brands available	5.2 Would you please list the brands available at your shop?	text		Individual Survey	Purposive	#{rand}<=30
	Cost of Item	5.3 Is "Bucket" sold in the following specification (20 litres, preferably with lid)?	select one	Yes No	Individual Survey	Purposive	
	Cost of Item	5.4 If yes, how much does it cost in the main currency reported [Q4_10_What_is_the_main_currency_used_at_your_shop]?	integer		Individual Survey	Purposive	
	Cost of Item	5.5 if sold in different specification, in what specification do you sell "Bucket"?	text		Individual Survey	Purposive	
	Cost of Item	5.6 How much does "Bucket" of [Q5_5_if_sold_in_different_specification_in_what_specification_do_you_sell_bucket] cost in main currency reported [Q4_10_What_is_the_main_currency_used_at_your_shop]?	integer		Individual Survey	Purposive	
	Stocks	5.7 Assuming the demand remains constant, how many days do you estimate your current stock of "Bucket" to last?	integer		Individual Survey	Purposive	#{rand}<=30

	Stocks	5.8 If you order from your supplier today, how many days do you estimate it would take for you to restock "Bucket"?	integer		Individual Survey	Purposive	$\${rand}\leq 30$
	Stocks	5.9 On average, what is the volume of "Bucket" purchases from your shop in a month?	integer		Individual Survey	Purposive	$\${rand}\leq 30$
	Origin and Supplier location&Transport	5.10 What is the origin of "Bucket" available at your shop?	select one	Local International Both	Individual Survey	Purposive	
	Origin and Supplier location&Transport	5.11 If international, please specify which country?	select multiple	Turkey Egypt China (PRC) Russia Korea Hungary Germany Italy Japan USA Iraq Jordan Pakistan Ukraine Other	Individual Survey	Purposive	
	Origin and Supplier location&Transport	5.11.1 Other (Please Specify)	text		Individual Survey	Purposive	

	Origin and Supplier location&Transport	5.12 Where is your main supplier for "Bucket" located?	select one	Local Supplier Crossborder Supplier (Imported)	Individual Survey	Purposive	
	Origin and Supplier location&Transport	5.12.1 If local, where? Select governorate:	select one		Individual Survey	Purposive	\${rand}<=30
	Origin and Supplier location&Transport	5.12.2 Select district	select one		Individual Survey	Purposive	\${rand}<=30
	Origin and Supplier location&Transport	5.12.3 Select sub-district	select one		Individual Survey	Purposive	\${rand}<=30
	Origin and Supplier location&Transport	5.12.4 Select community	select one		Individual Survey	Purposive	\${rand}<=30
	Origin and Supplier location&Transport	5.12.5 Other (Please Specify)	text		Individual Survey	Purposive	\${rand}<=30
	Origin and Supplier location&Transport	5.13 if imported, please select the country from where the item is imported from?	select multiple	Turkey Egypt China (PRC) Russia	Individual Survey	Purposive	

				Korea Hungary Germany Italy Japan USA Iraq Jordan Pakistan Ukraine Other			
	Origin and Supplier location&Transport	5.13.1 Other (Please Specify)	text		Individual Survey	Purposive	
	Origin and Supplier location&Transport	5.14 What is the condition of the route from this supplier to your shop location?	select one	Route normally open Route irregularly open Route open but damaged Route closed Other Don't know Prefer not to answer	Individual Survey	Purposive	`\${rand}<=30`
	Origin and Supplier	5.14.1 Other (Please Specify)	text		Individual Survey	Purposive	`\${rand}<=30`

	location&T ransport						
	Origin and Supplier location&T ransport	5.15 How are "Bucket" normally transported to your shop from this supplier?	select one	Use my own vehicle Hire a vehicle myself Hire a vehicle with other traders Supplier delivers to me Using a transport service provider I buy from the same market so I carry the goods Other transport Don't know Prefer not to answer	Individual Survey	Purposive	
	Origin and Supplier location&T ransport	5.15.1 Other (Please Specify)	text		Individual Survey	Purposive	

	Item availability in marketplace	5.16 Are "Bucket" commonly available in this marketplace?	select one	Yes No Don't know	Individual Survey	Purposive	(\${rand}>=60 and \${rand}<=75)
	Item availability in marketplace	5.17 If yes, do you know approximately how many wholesalers sell "Bucket, 20 liters" in this marketplace?	select one	Yes No	Individual Survey	Purposive	(\${rand}>=60 and \${rand}<=75)
	Item availability in marketplace	5.18 if yes, how many?	integer		Individual Survey	Purposive	(\${rand}>=60 and \${rand}<=75)
	Item availability in marketplace	5.19 If yes, do you know approximately how many retailers sell "Bucket, 20 liters" in this marketplace?	select one	Yes No	Individual Survey	Purposive	(\${rand}>=60 and \${rand}<=75)
	Item availability in marketplace	5.20 if yes, how many?	integer		Individual Survey	Purposive	(\${rand}>=60 and \${rand}<=75)
			end_group			Purposive	
6. What challenges do vendors face in procuring key commodities, and in	This section will look in general into the shops' supply chain conditions and barriers.						

which currency do they prefer to receive their payments?						
	In the following section, I will be asking you some questions that generally touches on the supply chain conditions of your shop, the barriers faced in the supply chain, and some questions on currency of payment.			Individual Survey		
Stocking conditions and Challenges	6.1 How often do you generally restock NFI items? (Hygiene Items)	select one	Daily More than once in a week Once per week Once every 2 weeks Once per month Other	Individual Survey	Purposive	`\${rand}<=50`
Stocking conditions and Challenges	6.1.1 Other (Please Spceify)	text		Individual Survey	Purposive	`\${rand}<=50`
Stocking conditions and	6.1.2 How often do you generally restock NFI items? (Shelter Items)	select one	Daily More than once in a week	Individual Survey	Purposive	`\${rand}<=50`

	Challenge s			Once per week Once every 2 weeks Once per month Other			
	Stocking conditions and Challenge s	6.1.3 Other (Please Spceify)	text		Individual Survey	Purposive	$\${\text{rand}} \leq 50$
	Stocking conditions and Challenge s	6.2 How long, in days, does it generally take to restock NFI items?	integer			Purposive	
	Stocking conditions and Challenge s	6.4 If the demand for NFIs doubled, would you be able to respond to this extra demand?	select one	Yes No Don't know	Individual Survey	Purposive	
	Stocking conditions and Challenge s	6.5 If yes, how long, in days, do you estimate it will take to restock? [Double demand]	integer			Purposive	

	Stocking conditions and Challenges	6.6 If the demand for NFIs tripled, would you be able to respond to this extra demand?	select one	Yes No Don't know	Individual Survey	Purposive	$\${rand} \leq 50$
	Stocking conditions and Challenges	6.7 If yes, how long, in days, do you estimate it will take to restock? [Triple demand]	integer			Purposive	
	Stocking conditions and Challenges	6.8 If you cannot meet the extra demand, would you please tell us why?	select multiple	Lack of money to buy stocks Lack of credit Lack of storage capacity Insecurity on the road Insecurity in the market High transport costs Lack of means of transport Bad road conditions High taxes Supplier doesn't have enough stocks Other		Purposive	
	Stocking conditions and Challenges	6.8.1 Other (Please Spceify)	text		Individual Survey	Purposive	
	Stocking conditions and Challenges	6.9 Does it take longer to restock in Winter season?	select one	Yes No Don't know	Individual Survey	Purposive	$\${rand} \geq 25$ and $\${rand} \leq 40$

	Stocking conditions and Challenges	6.10 If yes, how long, in days, does it take to restock NFIs in winter?	integer		Individual Survey	Purposive	
	Stocking conditions and Challenges	6.11 Where do you usually stock from? (Hygiene items)	select one	Local Producer Wholesale r/Supplier from the same district Wholesale r/Supplier from another district in same governorate Wholesale r/Supplier from another governorate in the same region Wholesale r/Supplier in another region I mostly import my	Individual Survey	Purposive	

				stocks Other			
	Stocking conditions and Challenge s	6.11.1 Other (Please Specify)	text		Individual Survey	Purposive	
	Stocking conditions and Challenge s	6.12 Where do you usually stock from? (Shelter items)	select one	Local Producer Wholesale r/Supplier from the same district Wholesale r/Supplier from another district in same governorat e Wholesale r/Supplier from another governorat e in the same region Wholesale r/Supplier in another	Individual Survey	Purposive	

				region I mostly import my stocks OtherLocal Producer Wholesale r/Supplier from the same district Wholesale r/Supplier from another district in same governorat e Wholesale r/Supplier from another governorat e in the same region Wholesale r/Supplier in another region I mostly import my			
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				stocks Other			
	Stocking conditions and Challenges	6.12.1 Other (Please Specify)	text		Individual Survey	Purposive	
	Stocking conditions and Challenges	6.13 How many sources do you stock from? (Hygiene Items)	integer			Purposive	
	Stocking conditions and Challenges	6.13.1 How many sources do you stock from? (Shelter Items)	integer		Individual Survey	Purposive	
	Stocking conditions and Challenges	6.14 What restocking challenges did you face during the past 6 months?	select multiple	Supply cannot meet demand fast enough Price inflation (can't afford restocking, etc) Supplier/trader requesting currencies that I cannot/do not prefer to pay in Supplier/trader unwilling to sell Supplier/trader on curfew Supplier/trader out of stock Supplier/trader has limited supply No suppliers/traders (for any goods whatsoever) Road closures to/from community Border crossings closed Supplier does not have proper		Purposive	

				authorization/permission for movement Transport roads are insecure (for example risk of theft/fear of checkpoints/etc.) Government restrictions (for example, curfew and covid lockdowns) No issues Not sure Other			
	Stocking conditions and Challenges	6.14.1 Other (Please Specify)	text			Purposive	
	Stocking conditions and Challenges	6.15 If the supplier is unwilling to sell, would you please explain why?	text		Individual Survey	Purposive	\$(rand)<=50
	Stocking conditions and Challenges	6.16 Where do you keep most of your stocks?	select one	At my shop In a warehouse that I own In a warehouse that I rent In a shared warehouse with other traders At my	Individual Survey	Purposive	(\$ (rand)>50)

				home Other			
Stocking conditions and Challenge s	6.16.1 Other (Pleasy Specify)	text			Individual Survey	Purposive	(\${rand}>50)
Stocking conditions and Challenge s	6.17 For how long do you usually store the NFIs you buy?	select one	Less than 1 month 1 to 2 Months 3 to 4 Months 4 to 5 Months More than 5 Months		Individual Survey	Purposive	(\${rand}>50)
Stocking conditions and Challenge s	6.18.1 If more than 5 months for how long?	integer			Individual Survey	Purposive	(\${rand}>50)
Stocking conditions and Challenge s	6.19 How much do you pay for rent, per month? Using the main currency reported: [\${Q4_10_What_is_the_main_currency _used_at_your_shop}]	integer				Purposive	(\${rand}>50)
Stocking conditions and	6.20 Did you face any issues keeping stocks in the past 6 months?	select multiple	Theft Limited Flooding Increasing	storage space rent prices		Purposive	

	Challenge s			Contamination of products by rodents, pests, Other None		
	Stocking conditions and Challenge s	6.20.1 Other (Please Specify)	text		Purposive	
	Stocking conditions and Challenge s	6.21 Do you stock up before Winter season?	select one	Yes No Don't know	Purposive	\$(rand)>=25 and \$(rand)<=40
	Stocking conditions and Challenge s	6.22 If yes, how much do you stock up before Winter season?	select one	Enough for less than 1 month Enough for 1 to 2 months Enough for more than 2 months Enough for the entire season Other	Purposive	\$(rand)>=25 and \$(rand)<=40
	Stocking conditions and Challenge s	6.22.1 Other (Please Specify)	text		Purposive	\$(rand)>=25 and \$(rand)<=40
	Stocking conditions and Challenge s				Purposive	

	Stocking conditions and Challenges				Individual Survey	Purposive	
	Stocking conditions and Challenges	6.25 if No, would you please explain why?	select multiple	Not enough money Not enough credit available Not enough storage space Keeping high stocks is risky Suppliers do not have enough commodities Other	Individual Survey	Purposive	$\text{\$}\{\text{rand}\}\leq 50$
	Stocking conditions and Challenges	6.25.1 Other (Please Specify)	text		Individual Survey	Purposive	$\text{\$}\{\text{rand}\}\leq 50$

	Stocking conditions and Challenges	6.26 Have you, in the past 3 months, run out of NFIs?	select one	Yes No Don't know	Individual Survey	Purposive	(\${rand}>50)
	Stocking conditions and Challenges	6.27 If yes, why?	select multiple	Increased demand because of closure of other shops Increased demand because of IDP movements I wasn't able to restock in time Borders closed Other	Individual Survey	Purposive	(\${rand}>50)
	Stocking conditions and Challenges	6.27.1 Other (Please Specify)	text		Individual Survey	Purposive	(\${rand}>50)
	Transport conditions	7.1 Through what means do NFI supplies physically reach your shop?	select multiple	Truck Car I carry the goods as I	Individual Survey	Purposive	(\${rand}>50)

	and challenges			buy from a nearby wholesaler /supplier Other			
	Transport conditions and challenges	7.1.1 Other(Please Specify)	text		Individual Survey	Purposive	(\${rand}>50)
	Transport conditions and challenges	7.2 Do you help in transportation of goods to your shop?	select one	Yes No Prefer not to answer	Individual Survey	Purposive	
	Transport conditions and challenges	7.3 if yes, how do you help?	select one	Share part of transportation cost Do the transportation myself Cover the whole cost of transportation Other	Individual Survey	Purposive	
	Transport conditions and challenges	7.3.1 Other (Please Specify)	text		Individual Survey	Purposive	

	Transport conditions and challenges	7.4 Please name the main crossings through which NFIs pass through on their way to your shop?	text		Individual Survey	Purposive	(\$rand>50)
	Transport conditions and challenges	7.5 Do you or your supplier generally face any issues when transporting NFI commodities?	select multiple	Theft or robbery of goods Theft or robbery of cash Physical attacks on traders Verbal harassment of traders Arbitrary detention Government checkpoints Non-government checkpoints Poor quality of roads Supplier does not have proper	Individual Survey	Purposive	(\$rand>50)

				authoriza on for movement High transport costs None Other Don't know Prefer not to answer			
	Transport conditions and challenges	7.5.1 Other (Please Specify)	text		Individual Survey	Purposive	(\${rand}>50)
	Transport conditions and challenges	7.6 Does the supply of NFI commodities change in Winter season?	select one	Yes No I don't know	Individual Survey	Purposive	(\${rand}>50)
	Transport conditions and challenges	7.7 If yes, how does the change of seasons affect transportation of key commodities to your shop?	select multiple	Roads become impassabl e hinder ing trans portat ion of key commodi ties Alternative routes are used Transporta tion costs increase	Individual Survey	Purposive	(\${rand}>50)

				Mode of transportation changes Other Do not know Prefer not to answer			
	Transport conditions and challenges	7.7.1 Other (Please specify)	text		Individual Survey	Purposive	(\$rand>50)
	Transport conditions and challenges	7.8 If yes, what new modes of transportation need to be used?	text		Individual Survey	Purposive	\$(rand)>=25 and \$(rand)<=40
	Transport conditions and challenges	7.9 If yes, what new routes need to be used?	text		Individual Survey	Purposive	\$(rand)>=25 and \$(rand)<=40
	Transport conditions and challenges	7.9 What roads become impassable due to change of weather and where?	text		Individual Survey	Purposive	\$(rand)>=25 and \$(rand)<=40
	Transport conditions and challenges	7.10 By what percentage do transportation costs for supply of NFI commodities increase as a result of change in weather?	select one	1-10% 11-25% 26-50% 51-75% 76-100% More than	Individual Survey	Purposive	(\$rand>50)

				100% Don't know Prefer not to answer			
	Finance and Credit	8.1 Are you financially able to consistently restock/sell NFI commodities at your shop?	select one	Yes No Prefer not to answer	Individual Survey	Purposive	
	Finance and Credit	8.2 if not, what are the financial barriers you face?	select multiple	Items have become unaffordable for consumers to purchase There's not enough money to purchase these items in the amounts needed Transportation availability and cost is expensive Currency devaluation affecting prices to	Individual Survey	Purposive	

				purchase and sell commodities High taxation on imported NFI commodities Bank services are unavailable due to conflict Other Do not know Prefer not to answer			
	Finance and Credit	8.2.1 Other (Please specify)	text		Individual Survey	Purposive	
	Finance and Credit	8.3 Do you have access to credit from any of the following sources whenever you needed extra cash to conduct business?	select multiple	Credit from wholesalers Borrowing from friends and family in this town Borrowing from	Individual Survey	Purposive	(\${rand}>50)

				friends and family outside this town Loans from banks Loans from microfinance organisations Loans from local money lending agents (informal) Loans from Savings and Credit Cooperative Organisations Loans from informal savings groups e.g. vendors savings associations Loans from other members			
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				of the community e.g. doctors, other shopkeepers, etc None Other Don't know Prefer not to answer			
	Finance and Credit	8.3.1 Other(Please Specify)	text		Individual Survey	Purposive	(\${rand}>50)
	Finance and Credit	8.4 Did you face any financing challenges in the past 6 months?	select multiple	Vendor has limited cash Low purchasing power/inflation Banks are closed Banks have limited cash Banks limiting loans Hawalas are closed Hawalas	Individual Survey	Purposive	(\${rand}>50)

				have limited cash Restrictions on movement for hawalas None Other Don't know Prefer not to answer			
Finance and Credit	8.4.1 Other (Please Specify)	text			Individual Survey	Purposive	(\${rand}>50)
Finance and Credit	8.5 Have you provided any of your customers/other traders with credit in the last 30 days ?	select one	Yes No		Individual Survey	Purposive	\${rand}>=25 and \${rand}<=40
Finance and Credit	8.6 if yes, would you please share with us the maximum amount you gave as credit to a customer/trader in the past 30 days? [\${Q4_10_What is the main currency used at your shop}]	integer			Individual Survey	Purposive	\${rand}>=25 and \${rand}<=40
Finance and Credit	8.7 Are you able to estimate the total amount of credit you already offered and still waiting to be repaid?	select one	Yes No All credit has been repaid Prefer not to answer		Individual Survey	Purposive	\${rand}>=25 and \${rand}<=40

	Finance and Credit	8.8 if yes, how much in main currency used in shop [{\$Q4_10_What_is_the_main_currency_used_at_your_shop}]?	integer		Individual Survey	Purposive	\$(rand)>=25 and \$(rand)<=40
	Market Currency of payment	9.1 Do your suppliers have any preference for currency when you conduct business with them?	select one	Yes No	Individual Survey	Purposive	\$(rand)<=50
	Market Currency of payment	9.2 If yes, what currency does your local suppliers prefer?	select one	The majority prefer SYP The majority prefer TRY The majority prefer USD	Individual Survey	Purposive	\$(rand)<=50
	Market Currency of payment	9.3 Do you face other issues related to currency at your shop?	select multiple	Complications of what currency to sell items in Complications of how much to sell items for Customer confusion over TRY item prices Unfamiliarity of	Individual Survey	Purposive	\$(rand)>50)

				customers with TRY banknotes Customer confusion over USD item prices Unfamiliarity of customers with USD banknotes Reduced demand for items not sold in SYP No issues Not sure Other			
	Market Currency of payment	9.3.1 Other(Please Specify)	text		Individual Survey	Purposive	\$(rand)>50)
	Market Currency of payment	9.4 Do you have a preference for currency when conducting business/selling goods?	select one	Yes No	Individual Survey	Purposive	\$(rand)>=25 and \$(rand)<=40
	Market Currency of payment	9.5 In what currency do you prefer to conduct business?	select one	Yes No Prefer not to answer	Individual Survey	Purposive	\$(rand)>=25 and \$(rand)<=40

	Market Currency of payment	9.6 if the preference does not match the main currency used at shop, why does your preference of currency differ from that you reported as used mainly at your shop?	text		Individual Survey	Purposive	$\${rand} \geq 25$ and $\${rand} \leq 40$
To map the prevalence of commodities in assessed markets suspected to have been re-sold by beneficiaries of SNFI in-kind assistance	Barter	10.1 Do customers offer to sell the items they receive from humanitarian aid?	select one	Yes No	Individual Survey	Purposive	
	Barter	10.2 if yes, do you accept any of those items from customers?	select one	Yes No	Individual Survey	Purposive	$(\${rand} \geq 25 \text{ and } \${rand} \leq 40)$
	Barter	10.3 if yes, which items do you mostly accept as barter from your customers?	text		Individual Survey	Purposive	$(\${rand} \geq 25 \text{ and } \${rand} \leq 40)$
Impact of CVA on markets and currency preference	CVA	11.1 if cash and voucher assistance were to be distributed for NFI items to the local population, do you think this would impact the prices in the local market?	select one	Yes No	Individual Survey	Purposive	
	CVA	11.2 if yes, how would CVA impact the prices in the market?	select one	Prices will increase Prices will decrease Other	Individual Survey	Purposive	
	CVA	11.2.1 Other(Please Specify)	text		Individual Survey	Purposive	
	CVA	11.3 if you were to participate in a CVA program with a humanitarian organization, in which currency do you prefer they pay you?	select one	SYP USD TRY No preference	Individual Survey	Purposive	

Other	Other	Do you have anything else you would like to add?	text		Individual Survey	Purposive	
contact share consent	contact share consent	Do you mind if we shared your contact details with interested humanitarian organizations, who might be planning to implement CVA programs?	select one	Yes No	Individual Survey	Purposive	
shop location	shop location	Please give details on the location of the shop (street name, nearby landmark, building number if available, etc..)	text		Individual Survey	Purposive	