# **Research Terms of Reference**

COVID-19 market monitoring initiative in Nairobi informal settlements KEN2002
KENYA

18/06/2020 Version 1



## 1. Executive Summary

Country of	Keny	a					
intervention				T			
Type of Emergency				Conflict	Х	Public health	
Type of Crisis		Sudden onset		Slow onset	Х	Protracted	
Mandating Body/	Gove	ernment of Kenya (GoK)					
Agency							
Project Code	24E/	NA .					
Overall Research							
Timeframe (from	01 / [	MAY/2020 to 31/OCT /2020					
research design to final							
outputs / M&E)				<b>.</b>			
Research Timeframe	· '	<ol> <li>Start data colllection:</li> </ol>			nary	presentation:	
		22.06.2020		n∣a			
		2. End data collection:		6. Output		sent for validation:	
		26.06.2020		10.07.2	-		
		3. Data analysed:		7. Output	•	olished:	
		03.07.2020		17.07.2020			
	4		lation:	'			
		03.07.2020		Next CWG meeting			
Number of		Single assessment (one cycl					
assessments	X	Multi assessment (more than	•	/cle)			
		Market monitoring – 5 cycles					
Humanitarian	Miles	stone		Deadline			
milestones	X	Donor plan/strategy		30/10/2020			
Specify what will the	Х	Inter-cluster plan/strategy					
assessment inform and	~	inter elaster plantatiogy		Collected data	will h	oe feed into Kenya	
when				HNO analyses		o rood into rtorrya	
e.g. The shelter cluster	X	Cluster plan/strategy		, , , , , , , , , , , , , , , , , , , ,			
will use this data to draft				Collected data	will f	eed into upcoming	
its Revised Flash Appeal;				programs by a	ctors	planning cash-	
				based interver			
	X	NGO platform plan/strategy				eed into upcoming	
						planning cash-	
		Other (Specify):		based interver	IUUIIS		
		Other (Opecity).					

Audience Type &	Audience type				Dissemination		
Dissemination Specify	X Stra	ategic		X	X General Product Mailing .		
who will the assessment	X Pro	grammatic		Χ	Cluster Mailing .		
inform and <b>how</b> you will	<b>Х</b> Оре	erational		X	X Presentation of findings.		
disseminate to inform the audience	□ [Ot	her, Specify]			Website Dissemination (Relief Web & REAC esource Centre)	CH	
					[Other, Specify]		
Detailed		Yes		Х	No		
dissemination plan		168		^	INO		
required							
General Objective	To in	form cash transfer program	mina in	Nai	l irobi by providing consumer prices of k	kov.	
General Objective		. •	•		is and capacity of vendors to respond	•	
		ging demand in assessed ma				ιο	
Specific Objective(s)	Chang				y commodities in the markets in informal		
Specific Objective(s)		settlements in light o					
					ey commodities in assessed markets in		
		light of COVID-19 re					
					pply for items and barriers faced by		
		vendors in their day	to day op	era	itions.		
Research Questions							
Nesearch Questions	1	. Which commodities are a	availahla	in th	ne market?		
					es that are available in these markets?		
	_				ce of commodities across different month	ıs?	
	3	<ol> <li>What barriers do vendors</li> </ol>	s face in t	heir	r day to day operations?		
	4	. Where do vendors source	e their su	ıppli	ies from?		
Goographic Coverage	Inform	nal settlements in Nairobi Co	vuntv				
Geographic Coverage Secondary data				tod	by REACH initiative, April 2019		
•		bly price monitoring from <u>FE</u> I			•		
sources		CT global guidelines on CO\					
Population(s)		IDPs in camp	ווו פו-טוע		IDPs in informal sites		
Select all that apply	Х	IDPs in host communities			IDPs [Other, Specify]		
, , , , , , , , , , , , , , , , , , , ,		Refugees in camp			Refugees in informal sites		
		Refugees in host communi	ties		Refugees [Other, Specify]		
	Х	Host communities		Х	3 1 1 1 1 1 1		
					Vendors in Nairobi informal settlements		
					markets.		
Stratification		Geographical #:		Gı	roup #:       [Other Specify] #: _	_	
Select type(s) and enter		Population size per strata		Po	opulation size Population size per		
number of strata		is known? □ Yes □ No		ре	er strata is strata is known?		
					nown? □ Yes □ No		
					Yes □ No		
Data collection tool(s)	X	Structured (Quantitative)			Total out distance ( Quantum 10)		
	Samp	oling method		Data collection method			
Structured data	X Pur	posive		Χ	Key informant interview (Target #): 5 per		
collection tool # 1		owballing			ommodity in each market		
		•			·		
	□ [Other, Specify]			□ Individual interview (Target #):			

				□ Focus group dis	scus	sion (Target #):
				□ [Other, Specify] (Target #):		
Data management platform(s)	ent X IMPACT initiatives Kobo		□ UNHCR			
		[Other, Specify]				
Expected ouput type(s)		Situation overview #:		Report #:		Profile #:
		Presentation (Preliminary findings) #:		Presentation (Final) #:	Х	Factsheet #: 5
		Interactive dashboard #:_		Webmap #:		Map #:
	Х	5 datasets				
Access	Х	Public (available on REAC	H resourd	ce center and othe	r hui	manitarian platforms)
		Restricted (bilateral dissemination only upon agreed dissemination list, r publication on REACH or other platforms)				
Visibility Specify which logos should be on outputs	ECHC Kenya red cr	a cash consortium Partners: CR	EAW, Cor	ncern world wide, AC	CTEL	), Oxfam, IMPACT, Kenya

#### 2. Rationale

#### 2.1. Rationale

The COVID-19 pandemic has continued to spread from country to country, the total number of confirmed case rising day by day with the total number of cases in Kenya standing at 2,340 as of 4 May 2020. The government of Kenya has enforced strict social distancing measures, temporarily shut down venues for large public gatherings, and closure of borders to prevent the spread of the virus and movements within Nairobi metropolitan are limited only to frontline health workers, essential service providers and security personnel. These measures, while necessary from a public health perspective, are already having strong negative effects on some of the market systems on which vulnerable populations in Nairobi depend. Border closures, labor shortages, and restriction of cross-border cargo transport have disrupted supply chains in Nairobi. As a majority of the population in the Nairobi informal settlements depend on daily labour, and have been more vulnerable to the COVID prevention measures, these households are more likely to struggle to meet basic needs and are at a higher risk of losing income. The Kenya cash consortium partners in coordination with other sector specific focal points addressed the need to track prices of key commodities in Nairobi informal settlements in order to have a unified approach in responding to the impact on humanitarian needs as a result of COVID-19.

To inform humanitarian programing, IMPACT Initiatives in partnership with ACTED, concern worldwide, CREW, Red cross and OXFAM, will conduct five monthly market monitoring from June 2020 to October 2020 to assess the availability and prices of basic commodities that are typically sold in markets. This information will provide humanitarian organizations with price change information, which will inform their operations in order to respond accordingly.

### 3. Methodology

#### 3.1 Methodology overview

Market monitoring will use quantitative methods of data collection by conducting key informant interviews with vendors. In order to reduce contact time between enumerators and vendors, enumerators will visit the major markets in each of the eleven informal settlements to collect the phone numbers of vendors. Thereafter, surveys will be administered to vendors through phone calls. The tool for this assessment will be shared with Kenya cash consortium members for input. IMPACT Initiatives will collect at least three prices of each of the items in the eleven informal settlements.

#### 3.2 Population of interest

- Geographic area: Kibera, Korogocho, Mathare, Soweto, Majengo, Gitare-marigo, Gatina, Lunga lunga, Kayole and Mukuru informal settlements in Nairobi county, Kenya.
- Population to be assessed: Market vendors in informal settlements in Nairobi county.
- Unit of measurement: Vendors at settlement level.

#### **3.3 Secondary data review** (outline key bibliography/sources you will use and for what).

Existing market price monitoring tools and lessons learned will be used to develop the assessment tools and methodology, more specifically, the market price monitoring in Somalia conducted by REACH initiative, April 2019. In addition, the baseline data collected by IMPACT from the same informal settlements during post distribution monitoring of the consortium partners will be used to get an initial understanding of household needs and access to markets, and to triangulate with findings from the market monitoring. <a href="IMPACT global guidelines on COVID-19 market monitoring">IMPACT global guidelines on COVID-19 market monitoring</a> will be followed to ensure that the data collected will help national cash working groups and other partners to respond to the COVID-19 pandemic.

#### 3.4 Primary Data Collection

Data will be collected through phone-based key informant interviews with vendors selling items in the main markets of the ten informal settlements where cash intervention will be implemented by members of Kenya cash consortium. The tool will be coded using Open Data Kit (ODK) and all data will be collected using smart phones. Items included in the minimum expenditure basket (MEB) together with a few others that have been agreed upon with the Kenyan cash consortium members will be monitored. Data will be collected on a monthly basis from June to October 2020.

The vendor selection will be based on the below criteria:

- Traders must be retailers selling directly to consumers. Wholesalers should be avoided unless they commonly also sell directly to consumers.
- Traders must sell at least one item monitored as part of the market monitoring initiative survey; preferably, they
  will sell as many of these items as possible.
- Enumerators should aim to monitor the same traders or types of traders patronized by average consumers in the
  area. Traders selling upmarket goods and expensive brands that are not purchased by most households should
  be avoided.
- Traders with weight scales should be prioritized for food items. However, traders without weight scales may be
  interviewed as well if there are not enough traders with scales in the marketplace.
- To the extent possible, traders should be located in different parts of the market place. There are no restrictions on the size of the surveyed traders, as consumers typically buy from small as well as large traders.

However, if there are less than three vendors per item in an assessed market, enumerators are allowed to visit other vendors approved by field coordinators such as grocery stores and milk stores. At least three prices will be collected per item for the following items:

Food items		Non-food items	Non-food items			
White maize	Rice	Jerry can	Kerosene			
Maize flour	Sugar	Surgical mask				
Beans	Wheat flour	Bar soap	Bar soap			
Cowpeas	Vegetable oil	Clean water	Clean water			
Pigeon peas	Tea leaves	Bucket	Bucket			
Goat meat	Cattle meat	Sanitary pads				
Cattle milk	Tomatoes	Firewood	Firewood			
Onions	Kales	Charcoal	Charcoal			

IMPACT initiatives will follow the guidelines by the Kenyan government and WHO and adapt accordingly if these change throughout the process. Enumerators will wear protective equipment and visit the major markets in each of the ten settlements to collect the phone numbers of vendors selling different items that will be monitored as part of the market monitoring. In order to reduce the risk of *COVID-19* infection to the enumerators and IMPACT staff, data will be collected using phone interviews.

#### 3.5 Data Processing and Analysis

Collected data will be subjected to daily checks to identify any issues with data quality and divergence from the sample frame. In addition to the daily data checks, the final datasets will undergo a thorough cleaning, with any outstanding issues reported to the field staff for feedback. Following data cleaning, the median price of items will be calculated using MS-Excel.

## 3. Roles and responsibilities

Table 2: Description of roles and responsibilities

Task Description	Responsible	Accountable	Consulted	Informed
Research design	Assessment Officer	Assessment Officer	HQ Research Design Unit, Consortium members, Country Co-ordinator	HQ,Consortium Members, county coordinator
Supervising data collection	Field Team Lead	Database Officer	HQ Consortium members, Country Co-ordinator, Assessment Officer	HQ,Consortium Members, county coordinator
Data processing (checking, cleaning)	Field Team Lead	Database Officer	HQ Consortium members, Country Co-ordinator, Assessment Officer	HQ,Consortium Members, county coordinator

COVID-19 market monitoring initiative in Nairobi informal settlements, June 2020

Data analysis	Database Officer	Assessment officer	HQ Consortium members, Country Co-ordinator, Assessment Officer	HQ,Consortium Members, county coordinator
Output production	Assessment Officer, GIS officer	Assessment Officer	HQ Consortium members, Country Co-ordinator	HQ,Consortium Members, county coordinator
Dissemination	Assessment Officer	Assessment Officer	HQ Consortium members, Country Co-ordinator	HQ,Consortium Members, county coordinator
Monitoring & Evaluation	Assessment Officer	Assessment Officer	HQ Consortium members, Country Co-ordinator	HQ,Consortium Members, county coordinator
Lessons learned	Assessment Officer	Assessment Officer	HQ Consortium members, Country Co-ordinator	HQ,Consortium Members, county coordinator

# 4. Data Analysis Plan

IN#	Data collection method	Indicator/ Variable	Questionnaire Question	Questionnaire Responses
1.1	K	consent	Hallo, my name is (enumerator name), and I am working with IMPACT initiatives, a member of the Kenya Cash Consortium. We are conducting a market monitoring exercise to inform humanitarian responses in this region. Please note that this exercise is used for monitoring of needs and responses, and does not directly influence the delivery of assistance. This interview will take about 15 minutes and your responses will remain confidential. Your participation is voluntary and you can choose not to answer any of the questions. You are also welcome to withdraw from the interview at any point.	Yes

			30712 10 man	Do you agree to participate?	T Namobi imormai settiements, June 2020
	1.2	KII	The name of the settlement	Name of the settlement Please specify	Kibera Korogocho Mathare Soweto Majengo Gitare-marigo  Gatina Lunga lunga Kayole Mukuru Other
	1.3	KII	The name of the market	Market name:	text
	1.4	KII	Vendors, shop name	Shop name:	Text
	1.5	KII	The name of the vendor being interviewed	Vendor name:	Text
	1.6	KII	Phone number of the vendor	What is your phone number?	Integer
Which commod ities are available in the market and their prices?	2.1	KII	Items sold by vendors	What kind of items does this shop sell?	White maize Maize flour Beans Cowpeas Pigeon peas Rice Sugar Wheat flour Vegetable oil Tea leaves Salt Goat meat Cattle meat Cattle milk Tomatoes Onions

			<u> </u>	Valas
				Kales
				Jerry can
				Surgical mask
				Bar soap
				Clean water
				Bucket
				Sanitary pads
				Firewood
				Charcoal
				Kerosene
2.2	KII	Median price of		
		white maize per kilogram (kg)	How much is 1 kg of white maize in KES?	Integer
			For how many days do you expect your current stock of white maize to last?	
			If you placed an order for today, how many days would it take you to restock white maize?	
2.3	KII	Median price of white maize flour per kg	How much is 1 kg of maize flour in KES?  For how many days do you expect your current stock of maize	Integer
			flour to last?  If you placed an order for today, how many days would it take you to restock maize flour?	
2.4	KII	Median price of beans per kg	How much is 1 kg of beans in KES?  For how many days do you expect your current stock of beans to last?	Integer

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			If you placed an order for today, how many days would it take you to restock beans?	
2.5	KII	Median price of cowpeas per kg	How much is 1 kg of cowpeas in KES?	Integer
			For how many days do you expect your current stock of cowpeas to last?	
			If you placed an order for today, how many days would it take you to restock cowpeas?	
2.6	KII	Median price of pigeon peas per kg	How much is 1 kg of Pigeon peas in KES?  For how many days do you expect your current stock of Pigeon peas to last?	Integer
			If you placed an order for today, how many days would it take you to restock Pigeon peas?	
2.7	KII	Median price of rice per kg	How much is 1 kg of rice in KES?	Integer
			For how many days do you expect your current stock of rice to last?	
			If you placed an order for today, how many days would it take you to restock rice?	
2.8	KII	Median price of sugar per kg	How much is 1 kg of sugar in KES?	Integer
			For how many days do you expect your current stock of sugar to last?	Integer
			If you placed an order for today, how many	

T					i Nairobi illioittiai SelliettietilS, Julie 2020
				days would it take you to restock sugar?	
	2.9	KII	Median price of wheat flour per kg	How much is 1 kg of wheat flour in KES?  For how many days do you expect your current stock of wheat flour to last?	Integer
				If you placed an order for today, how many days would it take you to restock wheat flour?	
	2.10	KII	Median price of vegetable oil per litre	How much is 1 litre of vegetable oil in KES?	
				For how many days do you expect your current stock of vegetable oil to last?	Integer
				If you placed an order for today, how many days would it take you to restock vegetable oil?	
	2.11	KII	Median price of tea leaves per 50 g	How much is 50g of tea leaves in KES?	Integer
				For how many days do you expect your current stock of tea leaves to last?	
				If you placed an order for today, how many days would it take you to restock tea leaves?	
	2.12	KII	Median price of salt per 500 g	Does this shop sell salt?	Integer
				How much is 500 g of salt in KES?	
				For how many days do you expect your	

 	1	OOVID TO Mark		i Nairobi informai settiements, June 2020
			current stock of salt to last?	
			If you placed an order for today, how many days would it take you to restock salt?	
2.13	KII	Median price of goat meat per kg	How much is 1 kg of goat meat in KES?  For how many days do you expect your current stock of goat meat to last?  If you placed an order for today, how many days would it take your	Integer
			days would it take you to restock goat meat?	
2.14	KII	Median price of cattle meat per kg	How much is 1 kg of cattle meat in KES?	Integer
			For how many days do you expect your current stock of cattle meat to last?	
			If you placed an order for today, how many days would it take you to restock cattle meat?	
2.15	KII	Median price of cattle milk per litre	How much is 1 litre of cattle milk in KES?	Integer
			For how many days do you expect your current stock of cattle milk to last?	
			If you placed an order for today, how many days would it take you to restock cattle milk?	
2.16	KII	Median price of tomatoes per kg	How much is 1 kg of tomatoes in KES?	Integer
			For how many days do you expect your	

			COVID-13 Illaiki		i Nairobi informai settiements, June 2020
				current stock of tomatoes to last?	
				If you placed an	
				order for today, how	
				many days would it	
				take you to restock	
				tomatoes?	
	2.17	KII	Median price of onions per kg	How much is 1 kg of onions in KES?	Integer
				For how many days do you expect your current stock of onions to last?	
				If you placed an order for today, how many days would it take you to restock onions?	
	2.18	KII	Median price of kales per kg	How much is 1 kg of kales in KES?	
				For how many days do you expect your current stock of kales to last?	Integer
				If you placed an order today, how many days would it take you to restock kales?	
	2.19	KII	Median price of 20 litre jerrycan of water	How much does it cost to fill a 20 litre jerry can with clean water in	Integer
	2.20	KII	Median price of one	KES? How much is a piece of	Integer
	-		piece of surgical	surgical mask in KES?	
			mask	For how many days do	
				you expect your	
				current stock of surgical mask to last?	
				-	
				If you placed an order today, how many days	
				would it take you to	
				restock surgical mask ?	
<u> </u>			<u> </u>	•	

			J	i ivanobi imormai sotticinonts, vano 2020
2.21	KII	Median price of 200g bar soap	How much is a 200 g bar of soap in KES?	Integer
			For how many days do you expect your current stock of soap to last?	
			If you placed an order today, how many days would it take you to restock soap?	
2.22	KII	Median price of 20 litre jerrycan .	How much is a 20 litre jerry can in KES?  For how many days do you expect your current stock of	Integer
			jerry cans to last?  If you placed an order today, how many days would it take you to restock jerry cans?	
2.23	KII	Median price 20 litre bucket	How much is a 20 litre bucket in KES?	Integer
			For how many days do you expect your current stock of buckets to last?	
			If you placed an order today, how many days would it take you to restock buckets?	
2.24	KII	Median price of 8 pack sanitary pad	How much is a 8 pack sanitary pad?	Integer
			For how many days do you expect your current stock of sanitary pads to last?	
			If you placed an order today, how many days would it take you to restock sanitary pads?	
2.25	KII	Median price of firewood bundle.	How much is a bundle of firewood in KES?	Integer

		1	1	· · · · · · · · · · · · · · · · · · ·	Transpiringinal settlements, bane 2020
				For how many days do you expect your current stock of firewood to last?	
				If you placed an order today, how many days would it take you to restock firewood?	
	2.26	KII	Median price of 2 kg tin of charcoal.	How much is a 2kg tin of charcoal in KES?	Integer
				For how many days do you expect your current stock of firewood to last?	
				If you placed an order today, how many days would it take you to restock firewood?	
	2.27	KII	Median price of 1 litre of kerosene.	How much is 1 litre of kerosene in KES?	Integer
				For how many days do	
				you expect your current stock of	
				firewood to last?	
				If you placed an order today, how many days would it take you to restock firewood?	
Where do vendors	3.1	KII	Vendors source of supply	Which of the following sources of supply do you use for the majority of commodities that you sell?	Buy directly from local producers/ farmers in this settlements farmers not in this settlement Buy from a wholesaler in this market/ settlement
source their supplies from?				Please specify "Other"	Buy from a supplier in Nairobi CBD Buy from a supplier in another settlement Other Text
	3.2	KII			Kibera
					Korogocho Mathare
					Soweto
					Majengo
					Gitare
					Marigo
					Gatina
				What is the name of the other	Lunga lunga
				settlement/town where your supplier is located?	Kayole

		T	I TO THAIN	I	Malaga Malaga
					Mukuru
					Eastleagh
					Thika
					Nakuru
					Kiambu
					Other
What	4.1	experienced by demand or streamed challenge	-	, ,	Yes/No
barriers do vendors face in	4.2	KII		If yes, which of the following best describe these challenges?  Please specify "Other"	Unusable roads making transportation of stock a challenge My supplier does not have enough of the commodities
their day to day operatio ns?					I cannot afford to restock/scale up Theft or damage of commodities Sudden increase in demand for commodities
					Lack of vehicles to transport commodities Increase in price of commodities by supplier Sudden fall in demand for commodities Movement restrictions to prevent the spread of COVID-19 Other
	4.3	KII	Percentage of		Text Yes
			vendors reporting a reduction in the number of		No Increased
			customers they receive daily compared to three months ago	How has the number of customers purchasing from your shop changed in the last three months?	Not changed Decreased
	4.4	KII	Number of vendors in this marketplace that have closed their business compared to three months ago	How many vendors in this market do you know or have heard about, that closed down their businesses since March 2020 due to COVI-19 related challenges?	integer

5. Data Management Plan is available upon request

## 6. Monitoring & Evaluation Plan

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

IMPACT Objective	External M&E Indicator	Internal M&E Indicator	Focal point	Tool	Will indicator be tracked?
	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		x Yes
		# of downloads of x product from Relief Web	Country request to HQ		x Yes
Humanitarian stakeholders are		# of downloads of x product from Country level platforms	Country team	User_log	x Yes
accessing IMPACT products		# 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		□ Yes
IMPACT activities contribute to better		# references in HPC documents (HNO, SRP, Flash appeals, Cluster/sector strategies)			Kenya 2020 Humanitarian Needs Overview
program implementation and coordination of the humanitarian response	Number of humanitarian organisations utilizing IMPACT services/products	# references in single agency documents	Country team	Reference_I og	
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 documents (HNO, HRP,	Perceived relevance of IMPACT country-programs	Country team	Usage_Feed back <i>and</i> Usage_Surv ey template	Decisions made and implemented on the basis of the assessment – to be checked with operational and donor partners to ask what actions they took on the basis of the findings and recommendations. This assessment may also be included

	cluster/agency strategic plans, etc.) directly informed by IMPACT products	Perceived usefulness and influence of IMPACT outputs  Recommendations to strengthen IMPACT programs  Perceived capacity of IMPACT staff  Perceived quality of outputs/programs  Recommendations to strengthen IMPACT programs			in a usage survey of partners if one is conducted in the future.
Humanitarian stakeholders are	Number and/or percentage of humanitarian organizations directly contributing to IMPACT programs (providing resources, participating to presentations, etc.)	# of organisations providing resources (i.e.staff, vehicles, meeting space, budget, etc.) for activity implementation	Country team	Engagement _log	x Yes
engaged in IMPACT programs throughout the		# of organisations/clusters inputting in research design and joint analysis			x Yes
research cycle		# of organisations/clusters attending briefings on findings;			x Yes

ANNEX 1: METHODOLOGY NOTES (IF RELEVANT)

ANNEX 2: [OTHER SPECIFY]