

## INTRODUCTION

The aim of the Ethiopia JMMI is to provide regular, reliable information on prices and market functionality through the use of harmonised tools and validated analysis. The Ethiopia JMMI is a joint exercise led by REACH (ACTED's initiative) in close collaboration with Ethiopia Collaborative Cash Delivery (CCD) Network members. This initiative aims to collaboratively develop an evidence base for the wider use of cash and voucher assistance (CVA), as well as facilitate discussions of changes in critical market dynamics, which are an integral part of cash feasibility considerations.

With uniform methodology, CCD members collect data from their respective areas of operation on a voluntary basis. CCD members formed a JMMI taskforce which reviews and validates the collected data. The geographical coverage of the exercise depends on the access of CCD members to priority areas of the country and their ability to collect data from these areas consistently.

Information is collected via key informant interviews (KIIs) with retail vendors in markets frequented by average households. For commodity prices and stock levels, the median prices/stock levels are calculated for each item within each assessed woreda. National and regional medians are calculated by a second median across all of the woreda-level medians calculated across the country or region. Data for this JMMI round was collected between 7 and 16 March 2022 and is strictly indicative.

For more information on the methodology and the JMMI taskforce, please refer to the methodology section in Annex 1 on page 6.

1. Exchange rates are taken from the [United Nations \(UN\) Operational Rates of Exchange](#)

2. Some data collected prior to this period has been included in this analysis (February, 2022).

Median cost of JMMI basket

**5938.01 ETB**

**116.83 USD<sup>1</sup>**

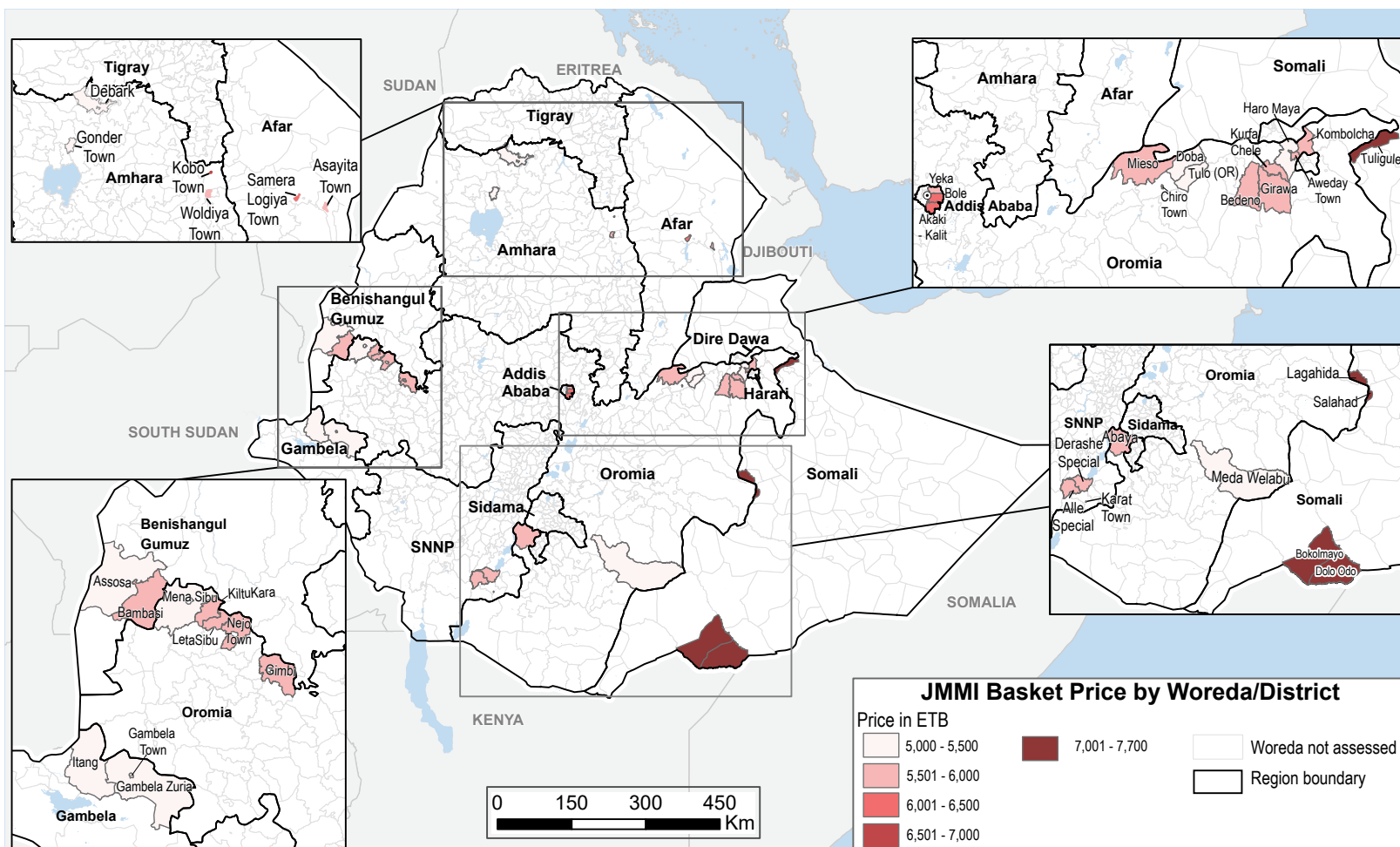
Median cost of Food JMMI basket

**5674.76 ETB**

**111.65 USD<sup>1</sup>**

**11** participating agencies  
**41** assessed woredas  
**113** assessed marketplaces  
**482** KIIs with vendors  
**18** commodities assessed

## ASSESSED WOREDAS, MARCH 2022



## ETHIOPIA JMMI BASKET CONTENTS

### JMMI Food Basket

Cereals and root crops	72 kg	Cooking oil	5.86 L
Meat	2.7 kg	Onions	5 kg
Eggs (local)	18	Tomatoes	5 kg
Green leafy vegetables	5 kg	Potatoes	3 kg

### Full JMMI Basket

Bath soap	3x 125 g bars
Laundry soap	6x 200 g bars

The JMMI basket is a selection of food and hygiene items that represents some of the core monthly expenditures incurred by an average Ethiopian household (6 persons) in an average month (30 days). It is designed to incorporate a different set of four staple crops in each region in order to reflect consumption patterns in that region. While the JMMI Basket is based in part on the Ethiopia Cash Working Group's Minimum Expenditure Basket (MEB) for the Somali region,<sup>4</sup> it is not itself a MEB and does not reflect the full spectrum of regular household expenditures in Ethiopia. It can, however, be tracked over time to understand how household financial burdens are evolving.

### Assumptions:

1. The meat component is equally distributed among beef, goat, and camel when calculating the national-level JMMI basket. At regional, zone and woreda levels, meat was assessed as follows:

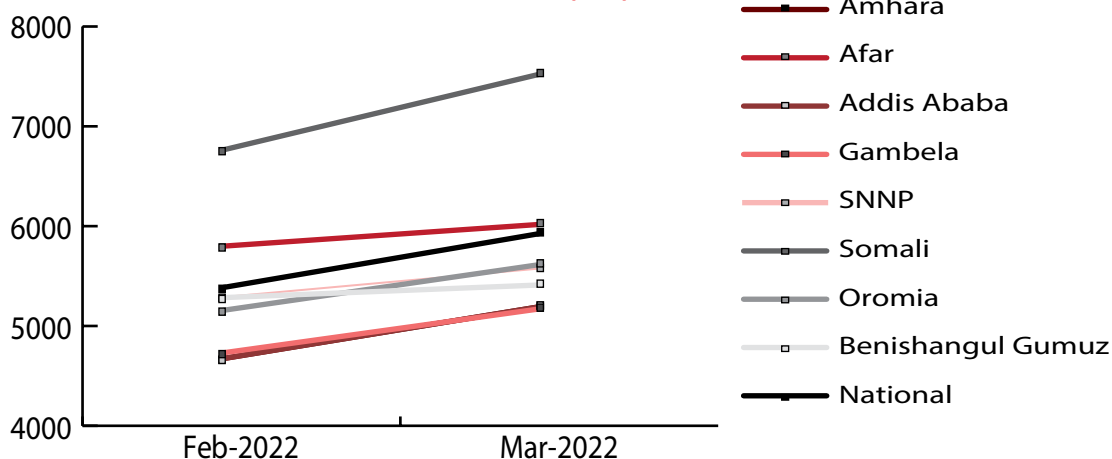
Beef	Addis Ababa, Amhara, Benishangul Gumuz, Gambela, Oromia, SNNP
Beef and goat meat	Afar
Camel and goat meat	Somali

2. When calculating the national-level JMMI basket, the cereal and root crop component is equally distributed among all six staple cereals and root crops monitored (12 kg each). At regional, zone, and woreda levels, this component is equally distributed among the four specific staple cereals and/or root crops included in the basket for each region (18 kg each). KIs were queried about the cereal prices relative to their region as follows:

Maize, sorghum, teff, wheat	Addis Ababa, Gambella, Oromia, Amhara
Maize, sorghum, wheat, rice	Somali
Maize, teff, barley	SNNP <sup>5</sup>
Maize, sorghum, teff, barley	Afar

USD/ETB buy rate<sup>1</sup>  
**50.828 ETB**

## NATIONAL AND REGIONAL JMMI BASKET PRICE (ETB)



## TABLE 1: MEDIAN JMMI BASKET PRICE AT TIME OF INTERVIEW AT REGIONAL LEVEL

Region	JMMI basket in ETB	JMMI basket in USD	Change since Feb. round <sup>5</sup>	JMMI basket (Feb.) in ETB	JMMI basket (Feb.) in USD
Addis Ababa	6089.67	119.81	▲ 7%	5670.29	112.81
Afar	6030.46	118.64	▲ 4%	5786.97	115.14
Amhara	5207.39	102.45	▲ 12%	4664.92	92.81
Benishangul Gumuz	5425.89	106.75	▲ 3%	5272.98	104.91
Gambela	5186.53	102.04	▲ 10%	4722.41	93.96
Oromia	5628.44	110.74	▲ 9%	5146.64	102.40
SNNP	5582.57	109.83	▲ 6%	5285.75	105.16
Somali	7528.81	148.12	▲ 12%	6748.47	134.27

JMMI full basket	<b>5938.01 ETB</b>	<b>116.83 USD<sup>1</sup></b>	<b>▲ 563 ETB 10%</b>
JMMI food basket	<b>5674.76 ETB</b>	<b>111.65 USD<sup>1</sup></b>	<b>▲ 530 ETB 10%</b>

## TABLE 2: NATIONWIDE MEDIAN ITEM PRICES AT TIME OF INTERVIEW

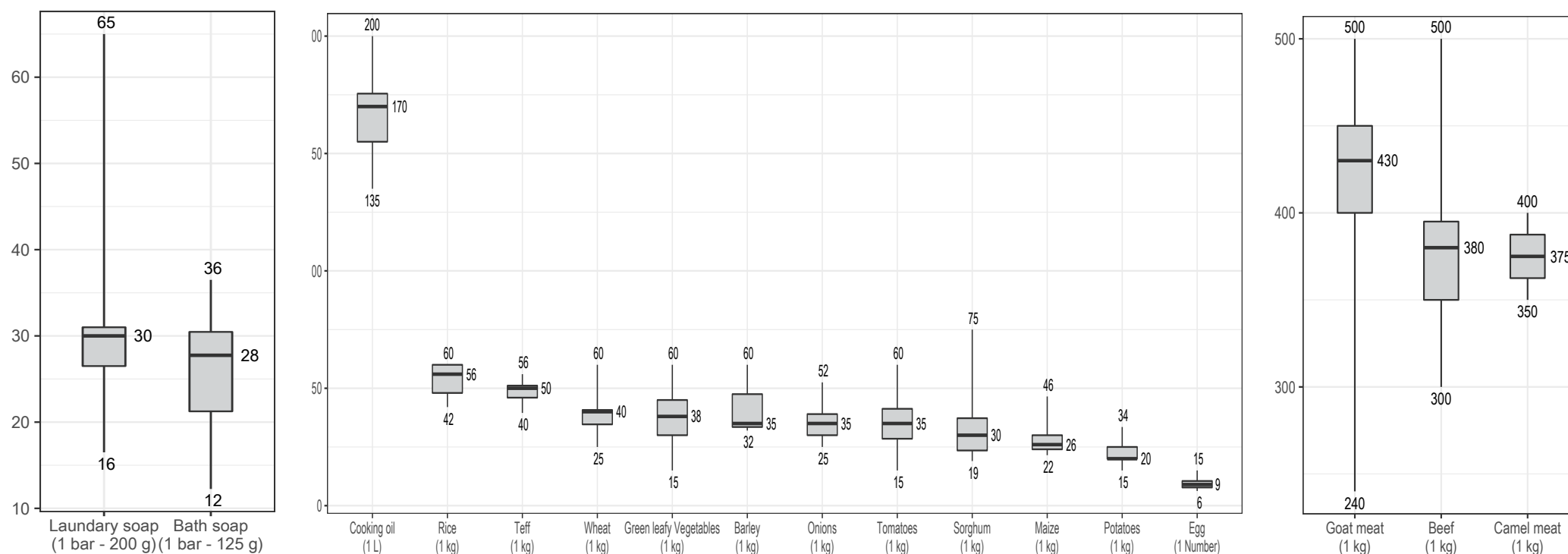
Item	Unit	Price in ETB	Price in USD	Change since Feb. round	Price (Feb.) in ETB	Price (Feb.) in USD
<b>Food Items</b>						
Maize	1 kg	26	0.51	▲ 4%	25	0.50
Sorghum	1 kg	30	0.59	▲ 11%	27	0.54
Teff	1 kg	50	0.98	▲ 4%	48	0.95
Wheat	1 kg	40	0.79	▲ 3%	39	0.77
Barley	1 kg	35	0.69	▲ 40%	25	0.50
Rice	1 kg	56	1.1	▲ 12%	50	0.99
Beef	1 kg	380	7.48	▲ 9%	350	6.96
Goat meat	1 kg	430	8.46	▲ 13%	380	7.56
Camel meat	1 kg	375	7.38	0%	375	7.46
Leafy vegetables	1 kg	38	0.75	▲ 8%	35	0.70
Tomatoes	1 kg	35	0.69	▼ 8%	38	0.75
Onions	1 kg	35	0.69	0%	35	0.70
Potatoes	1 kg	20	0.39	0%	20	0.40
Eggs (local)	1 egg	9	0.18	▼ 10%	10	0.20
Cooking oil	1 L	170	3.34	▲ 25%	136	2.71
<b>Hygiene Items</b>						
Bath soap	125 grams	28	0.55	▲ 4%	27	0.53
Laundry soap	200 grams	30	0.59	▲ 20%	25	0.50

3. We considered three crops specifically to SNNP as we were not able to collect onset prices for March 2022.

4. Minimum Expenditure Basket for Somali Region Guidance Note, June 2020. Additional sources consulted to assemble the JMMI Basket include the Ethiopia Food Security and water, sanitation and hygiene (WASH) sectors, World Food Programme (WFP) vulnerability analysis and mapping (VAM), and publications by the Global WASH Cluster, Famine Early Warning System Network (FEWS NET), and the Food and Agriculture Organization of the United Nations (FAO).

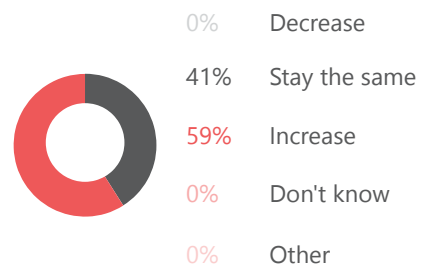
5. Southern Nations, Nationalities and Peoples' Region

## PRICE VARIATIONS FOR JMMI BASKET ITEMS (ETB)



## REPORTED PREDICTED CHANGE IN PRICE OF FOOD ITEMS

% of vendors reporting predicted price changes for food items in the 30 days after data collection:

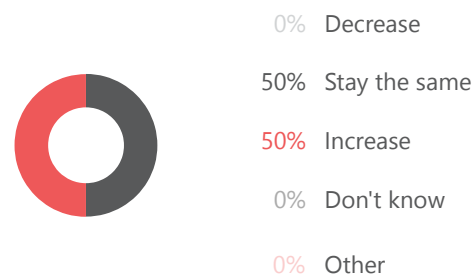


Out of those vendors predicting an increase in food prices, the most frequently cited reasons were:<sup>6</sup>

- 1 35% Rising exchange rate
- 2 30% Customers will run out of items
- 3 26% Increased demand

## REPORTED PREDICTED CHANGE IN PRICE OF HYGIENE ITEMS\*

% of vendors reporting predicted price changes for hygiene items in the 30 days after data collection:



Out of those vendors predicting an increase in hygiene item prices, the most frequently cited reasons were:<sup>6</sup>

- 1 37% Rising exchange rate
- 2 34% Customers will run out of items
- 3 23% Increased demand

<sup>6</sup> Percentages may not add up to 100% as vendors were allowed to give multiple answers.

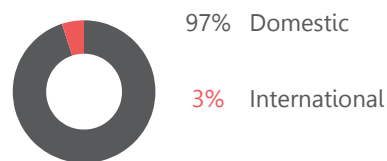
\* Reported predicted change in price of hygiene items take February findings as a reference, due to a lack of data collected in March.



## LOCATION OF MAIN SUPPLIERS FOR FOOD AND HYGIENE ITEMS

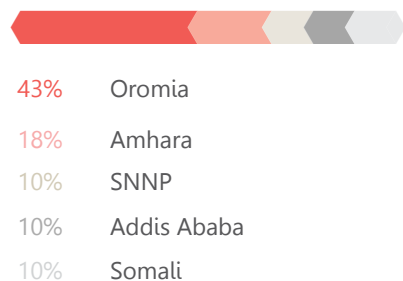
**63%** of vendors reported that their main supplier of food items is located in the same woreda as them.

Proportion of vendors whose main supplier is located in the same woreda by reported origin of their suppliers' food items:



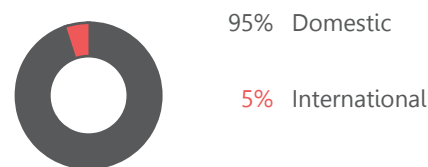
**37%** of vendors reported that their main supplier of food items is not located in the same woreda as them.

For vendors whose main supplier is not located in the same woreda, most commonly reported regions where their suppliers' food items are sourced:



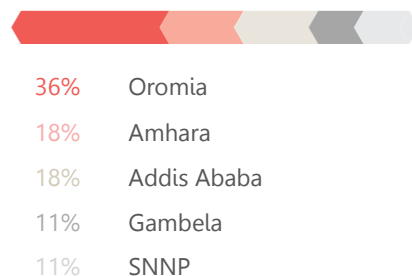
**70%** of vendors reported that their main supplier of hygiene items is located in the same woreda as them.

Proportion of vendors whose main supplier is located in the same woreda by reported origin of their suppliers' food hygiene items:



**30%** of vendors reported that their main supplier of hygiene items is not located in the same woreda as them.

For vendors whose main supplier is not located in the same woreda, most commonly reported regions where their suppliers' hygiene items are sourced:



## DIFFICULTIES TO MEET DEMAND AND TO TRANSPORT OR PROCURE SUPPLIES

**15%** of vendors reported having faced difficulties obtaining enough food items to meet demand in the 30 days prior to data collection.

The three most frequently cited reasons were:<sup>6</sup>

- 1 32% Producers producing less
- 2 25% Not enough credit
- 3 23% Increased demand

**13%** of vendors reported having faced difficulties obtaining enough hygiene items to meet demand in the 30 days prior to data collection.

The three most frequently cited reasons were:<sup>6</sup>

- 1 29% Suppliers cannot meet demand
- 2 21% Increased demand
- 3 14% Border closure

The following food items were the most frequently reported as difficult to restock and obtain in the 30 days prior to data collection:

- 1 2% Rice
- 1 2% Cooking oil

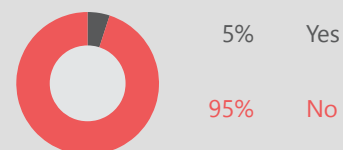


## BARRIERS TO MARKET ACCESS FOR CONSUMERS

Consumer groups reported to have faced the most difficulty accessing marketplaces in the 30 days prior to data collection, either due to movement restrictions or due to fear of catching COVID-19:<sup>7</sup>

- 1 30% Older people
- 2 20% Chronically ill
- 3 18% Disabled
- 4 13% Children<sup>7</sup>

Proportion of the interviewed vendors reporting having observed or heard of any safety and security incidents in their marketplace in the 30 days prior to data collection.



Among those vendors who had observed incidents, most commonly reported types of incidents:

- 1 34% Theft of cash
- 2 12% Traders physical attacks
- 3 9% Armed group activity

**TABLE 3: CURRENT AVAILABILITY OF ITEMS FROM SUPPLIERS, AVAILABLE STOCK AND TIME NEEDED TO RESTOCK**

Item	Available (% KIs)	Limited (% KIs)	None (% KIs)	Item <sup>9</sup>	Stock available for (days)	Restock in (days)
<b>Food items<sup>8</sup></b>				<b>Food items</b>		
Maize	88%	5%	7%	Maize	18	5
Sorghum	80%	5%	10%	Sorghum	15	5
Teff	73%	017%	7%	Teff	15	5
Wheat	54%	27%	12%	Wheat	20	6
Barley	41%	27%	22%	Barley	5	3
Rice	73%	12%	5%	Rice	8	20
Beef	85%	4%	7%	Beef	2	4
Goat meat	100%	0%	0%	Goat meat	1	3
Camel meat	100%	0%	0%	Camel meat	1	1
Eggs (local)	78%	16%	6%	Eggs (local)	7	7
Leafy vegetables	0%	0%	0%	Leafy vegetables	4	2
Onions	100%	0%	0%	Onions	5	2
Tomatoes	100%	0%	0%	Tomatoes	5	2
Potatoes	100%	0%	0%	Potatoes	5	2
Cooking oil	59%	41%	0%	Cooking oil	8	5
<b>Hygiene items</b>				<b>Hygiene items</b>		
Laundry soap	87%	0%	0%	Laundry soap	15	2
Bath soap	100%	0%	0%	Bath soap	20	3

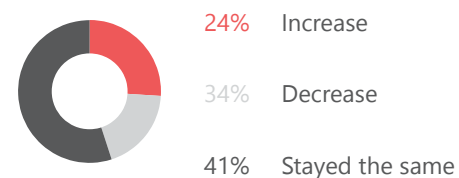
7. In addition, 58% of the vendors answered "don't know" about consumer groups reported to have faced the most difficulty accessing marketplaces.

8. Some of the percentages in this list may not add up to 100% either due to rounding or because there is no data for some locations.

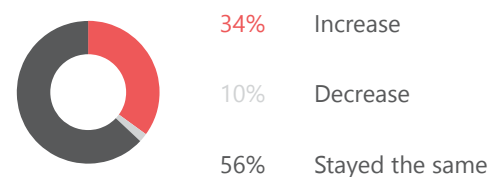
9. Red numbers in this table flag restocking times that exceed the time that current stocks will last, thus indicating likely shortages.

## CHANGE IN NUMBER OF CUSTOMERS AND VENDORS

Proportion of vendors reporting on changes in the number of customers coming to their shop as compared to 30 days prior to data collection:



Proportion of vendors reporting changes in the number of active traders in their marketplace as compared to 30 days prior to data collection.



## TYPES OF PAYMENT MODALITIES AVAILABLE TO CONSUMERS

Proportion of vendors reporting accepting different types of payment in the 30 days prior to data collection:<sup>6</sup>

- 1 98% Cash (ETB)
- 2 18% Mobile money
- 3 17% Money transfer
- 4 11% Cheque

## About the Ethiopia JMMI and Ethiopia CCD

The Ethiopia JMMI is a joint initiative led by REACH on behalf of the Ethiopia CCD and in close collaboration with its 14 member organisations, which include REACH in its capacity as an ACTED's initiative hosted by ACTED in country.

The Ethiopia CCD was mandated in 2018 with funding from the European Commission's Humanitarian Aid Office (ECHO) to form a consortium testing an operational model to improve the efficiency and quality of CVA in Ethiopia through close, ongoing collaboration and harmonisation among cash actors.

In 2021, with funding from the European Union, the Ethiopia JMMI has been relaunched and consolidated in order to improve access to timely and accurate regional and nationwide data to inform the Ethiopia Cash response, through providing evolutions in prices, market functionality and supply chains.

Data collection for the Ethiopia JMMI is a joint exercise led by REACH on behalf of Ethiopia CCD and in close collaboration with its members, who collect data from their respective areas of operation on a voluntary basis. To ensure activities are implemented with full consultation and buy-in and are to the benefit of CCD members, a JMMI Taskforce was formed in May 2020 to serve as the decision-making body guiding the initiative. The taskforce counts all partner organisations contributing to the initiative as members.

The JMMI Taskforce has agreed to adopt a common approach toward the key pillars of the initiative, such as methodology, data collection tools, item list, coverage, visibility, and ownership of data. The objectives of the Taskforce are to support the design and successful implementation of the JMMI and any further JMMI projects launched in Ethiopia, to develop an evidence base for the wider use of CVA, and to facilitate discussions of changes in critical market dynamics, which are an integral part of cash feasibility considerations.

## Challenges & Limitations

- Partners were unable to collect data from the following regions of Ethiopia in this data collection round: Dire Dawa, Sidama, Harari, Tigray and South West Ethiopia .
- The JMMI methodology specifies that three prices are collected per commodity, per woreda. For this round of data collection, there were less than three prices collected per commodity, per woreda for some commodities.\*
- All findings are indicative and not statistically representative at any level.

\*For this reason, at regional level, there were less than 3 prices collected for specific items as the following: Afar- barley; SNNP- enset, eggs, Benishangul Gumuz-tomatoes, onions, potatoes, vegetable leafy darkgreen, cooking oil, laundry soap

## JMMI Partners

- ACF - Action contre le Faim<sup>10</sup>
- ACTED-Agency for Technical Cooperation and Development
- CARE<sup>10</sup>
- Concern Worldwide<sup>10</sup>
- CRS - Catholic Relief Services
- DCA - DanChurchAid<sup>10</sup>
- DRC - Danish Refugee Council<sup>10</sup>
- GOAL<sup>10</sup>
- IRC - International Rescue Committee<sup>10</sup>
- Mercy Corps
- NRC -Norwegian Refugee Council <sup>10</sup>
- Oxfam<sup>10</sup>
- SCI - Save the Children<sup>10</sup>
- WVI - World Vision International<sup>10</sup>

10. These JMMI partners participated in the March 2022 round of data collection.

## METHODOLOGY

JMMI data is collected in the form of key informant interviews (KIIs), with retailers in target markets serving as the key informants (KIs). KIs were asked for information encompassing the 30 days prior to data collection. Findings represent KIs' understanding of the situation in their markets and therefore are indicative only.

A woreda's largest urban marketplace(s) devoted to retail are prioritised for data collection, with expansion to rural areas dependent on the availability of contributing partners with capacity in such locations. For the purposes of the Ethiopia JMMI, a marketplace is defined as an area with a relatively sizable concentration of traders in close proximity to each other. This definition is designed to encompass a wide variety of marketplaces and to enable each organisation to make judgments about the most valuable ones to monitor based on local realities.

Within each target marketplace, field teams are responsible for identifying a sufficient number of traders to interview who sell directly to consumers, who sell at least one item of that region's JMMI Basket (preferably, they will sell as many of these items as possible) and who are patronised by average consumers in the area. Field teams aim to collect a minimum of three prices per assessed item per assessed woreda.

Once data has been collected, it is uploaded to a secure KoBo server for cleaning and analysis. As the data is collected at the KI level, the following steps are undertaken to aggregate the trader level data to the location level:

- Availability is defined categorically (available, limited, unavailable) for each item;
- For commodity prices and stock levels, prices/stock levels are collected from individual traders and median prices/stock levels are calculated for each item within each assessed woreda.
- National and regional medians are then calculated using a "median of medians" approach, i.e. by calculating a new median from all woreda-level medians calculated across the country or region.
- All vendors are asked about their ability to restock and whether a trader has restocked in the last month. If any given trader states they are able to restock an item or, if at least one trader restocked in the last month, respectively, then those abilities are assumed for that woreda.

Data collection for this round took place between 7 and 16 March 2022. In March, 11 out of 14 of the JMMI partners conducted a total of 482 KIIs. This round covered 113 marketplaces, which were sampled by partners nationwide based on their access and existing areas of intervention. This includes markets in 41 out of 1040 woredas in Ethiopia.



Funded by the  
European Union