

INTRODUCTION

The humanitarian response system in Somalia has mechanisms in place for rapid scale-up and sustained programming, including cash and voucher assistance (CVA). In 2020, 32% of the total requirement by clusters in Somalia is planned for CVA, totaling 332 million United States Dollars (USD). Multi-purpose cash, shelter, and food security represent 84% of the total amount, with a budget of 280 million USD dedicated to CVA¹.

The Joint Market Monitoring Initiative (JMMI) is a joint initiative from the Somalia Water, Sanitation and Hygiene (WASH), Shelter, and Education clusters and REACH. It aims to address an information gap in Somalia in terms of regular and updated monitoring of market functionality and a broad range of non-food items (NFIs), while contributing to existing² supply chain and price monitoring of the main minimum expenditure basket (MEB) items.

The aim of the JMMI is to harmonize market monitoring, avoid duplications and overlaps in data collection, maximize geographic coverage and ensure a regular and predictable output to inform cluster programming and cash responses. It is a model that REACH has supported to set up and coordinate in [several countries](#).

The assessed items are selected largely based on needs of the three clusters and their members, currently implementing or planning to implement Market-Based Programming (MBP) and CVA. On the supply side, MBP supports traders to expand their products, for example through providing non-refundable cash grants for business development. On the demand side, CVA is provided to increase access to WASH, shelter, and education commodities.

Data collection takes place on a quarterly basis. The pilot round of the JMMI in Somalia took place in June 2020, in 6 locations with a reduced list of assessed items. The August 2020 round was the first full round of the JMMI, which covered more than 50 items from the WASH and Shelter clusters, in 12 different locations. The onset coincided with atypical circumstances derived from the COVID-19 pandemic, which have increased both the demand for an updated monitoring of a broad range of NFIs, and the limitations faced when collecting primary data.

In November 2020, in collaboration with the Somalia Education Cluster, the JMMI included 20 additional items to respond to persisting information gaps on education-related expenses. The JMMI continues to grow and improve, with partners working together, learning from experience, while delivering the best possible data with transparency and accuracy.

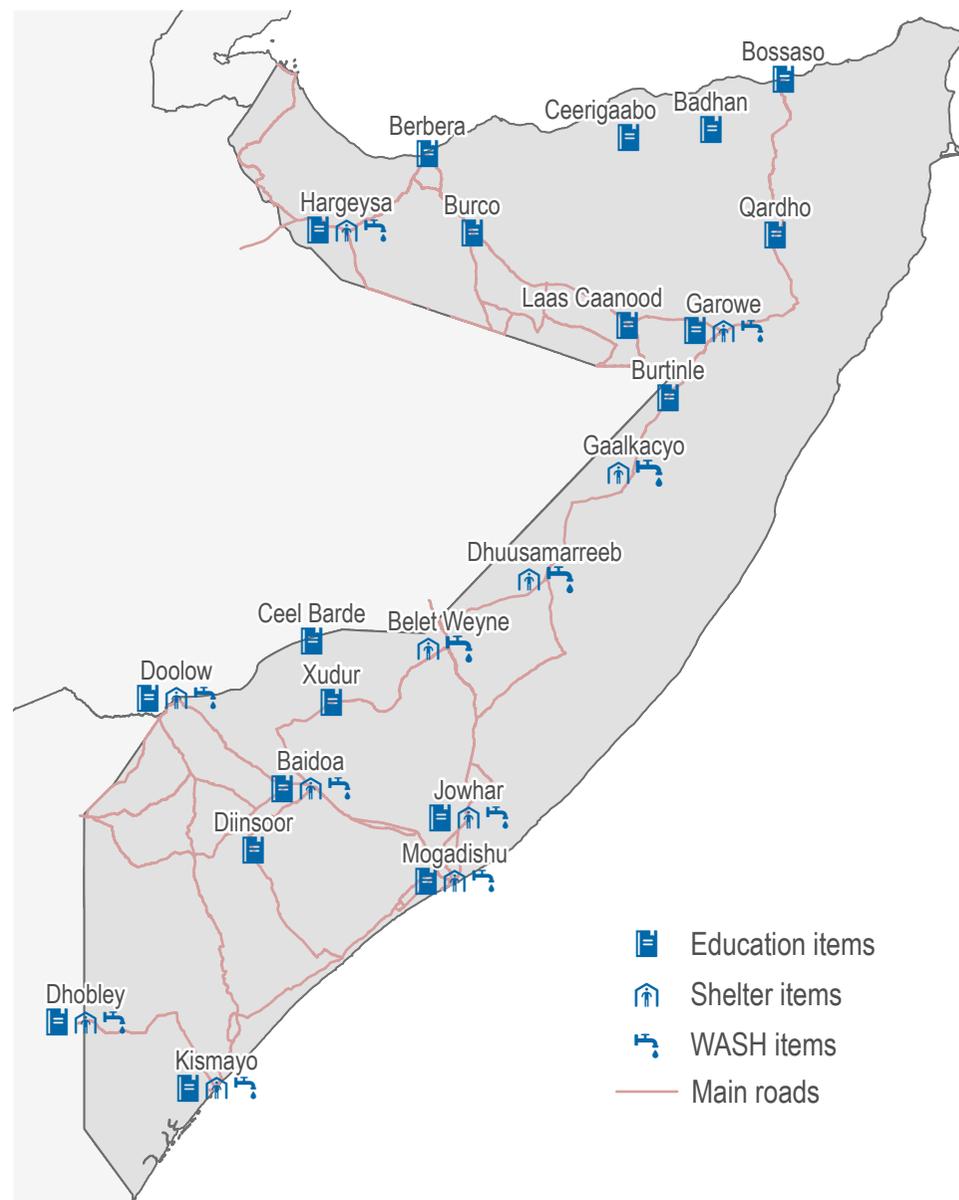
SUMMARY FROM THE CURRENT ROUND

18	participating agencies
22	assessed locations
73	assessed items
773	interviews conducted

ON-LINE DASHBOARD

To facilitate the interaction with the JMMI, an interactive dashboard is available on-line. The dashboard is designed to allow users to navigate more easily and draw geographical and temporal comparisons, and filter on particular items. The development of the interactive dashboard started in September 2020 and is expected to roll out during the following months. To use the on-line interactive dashboard, access bit.ly/som-jmmi

Locations assessed in November 2020, per cluster items, and main roads



OVERVIEW

This factsheet presents data collected by JMMI partners through key informant interviews with local vendors. Findings are presented at a district level and should be considered as indicative rather than representative. Hence, the narrative only summarizes general trends and particular outliers.

PAYMENT METHOD

Vendors reported the United States Dollar (USD), Somali Shilling (SOSH), Somaliland Shilling (SLSH), and the Ethiopian Birr (ETB) as the currencies primarily accepted in their shops. In most locations, and particularly in the largest cities, the USD was reportedly the main currency accepted by vendors interviewed (12 locations from a total of 22 assessed), followed by the SOSH (6 locations), the SLSH (3 locations), and the ETB (1 location).

The vast majority of vendors reported accepting primarily cash and mobile money.

PRICES

The tables on the following pages present the median reported prices in all assessed locations, converted to USD using the exchange rate reported by each vendor. For the aggregated prices, labelled as "All", the methodology used is "medians-of-medians," whereby the median prices for each of all assessed items are calculated first within each assessed location and then the median of all of those location medians is calculated to derive aggregated prices.

The tables also include the aggregated values for the first and third quartiles, which represent the distribution of the 50% most common prices (25% below and 25% above the median, respectively). These boundaries, combined with the particular distribution of prices (standard deviation³), are used to calculate outliers (crossed with a red line).

The items with reported prices presenting a higher

standard deviation (>10 USD) are, in order: metal bars, white boards, wheelbarrows, gravel, black boards, and sand. Another 6 items presented a standard deviation higher than 4 USD: trucked water, face masks, blanket, timber, nails, and plastic sheet. These differences could be a sign of large differences of prices across locations, quality, brands, or a misinterpretation of the targeted specifications. This is a strong indication that these items need clearer specifications and a closer follow up in future rounds.

Changes in prices are noted for all items with sufficient price quotations from both the current and previous rounds. The changes are categorized as: large increase (> 100%, or current price more than double as the previous round), medium increase (31% to 100%), small increase (5% to 30%), minor change (-5% to 5%), small decrease (-5% to -30%), medium decrease (-31% to -100%), and large decrease (< -100%, or current price less than half of the previous round).

BARTER

As an experimental question⁴, a random subset of vendors were asked about bartering. While these results will not be reported disaggregated by location, the aggregated data suggests that bartering seems to be uncommon. When asked about whether customers offered barter as payment, 10% of vendors interviewed reported "yes" and 34% "don't know". In the previous round, these percentages were 13% and 25%, respectively. From those reporting "yes", 67% reported not accepting such offers. In the previous round, slightly fewer vendors (58%) reported not accepting such offers.

Currencies vendors reported primarily accepting in their shops, per location

Location	USD	SOSH	SLSH	ETB
All	61%	6%	0%	0%
Badhan	100%	0%	0%	0%
Baidoa	23%	77%	0%	0%
Beledweyne	100%	0%	0%	0%
Berbera	0%	0%	100%	0%
Bossaso	88%	12%	0%	0%
Burao	0%	0%	100%	0%
Burtinle	0%	100%	0%	0%
Ceelbarde	25%	0%	0%	75%
Dhobley	23%	77%	0%	0%
Dinsoor	4%	96%	0%	0%
Dolow	59%	0%	0%	41%
Dusamareb	100%	0%	0%	0%
Erigavo	14%	14%	71%	0%
Galkayo	82%	18%	0%	0%
Garowe	100%	0%	0%	0%
Hargeisa	63%	0%	37%	0%
Hudur	43%	57%	0%	0%
Jowhar	36%	64%	0%	0%
Kismayo	66%	34%	0%	0%
Laascaanood	100%	0%	0%	0%
Mogadishu	79%	21%	0%	0%
Qardho	100%	0%	0%	0%

Payment methods vendors reported accepting in their shops, per location

Location	Cash	Mobile	Voucher
All	97%	100%	0%
Badhan	60%	100%	0%
Baidoa	100%	57%	23%
Beledweyne	1%	100%	1%
Berbera	67%	100%	0%
Bossaso	81%	100%	0%
Burao	100%	100%	0%
Burtinle	100%	100%	0%
Ceelbarde	100%	100%	17%
Dhobley	100%	96%	0%
Dinsoor	100%	88%	0%
Dolow	89%	62%	11%
Dusamareb	70%	97%	0%
Erigavo	100%	100%	0%
Galkayo	96%	64%	31%
Garowe	100%	100%	22%
Hargeisa	98%	98%	59%
Hudur	100%	100%	0%
Jowhar	97%	90%	0%
Kismayo	97%	89%	16%
Laascaanood	91%	100%	27%
Mogadishu	90%	90%	0%
Qardho	80%	100%	0%

KEY

(both tables above)

0%  100%

Median prices of monitored items (USD)⁶ - General NFIs

Item	Total Number of Vendors Assessed	Overall Median	1st Quartile	3rd Quartile	Baidoa	Beledweyne	Dhobley	Dolow	Dusamareb	Galkayo	Garowe	Hargeisa	Jowhar	Kismayo	Mogadishu	
Blanket 1.5m x 2.0m, polyester	70	4.75 ▼	4.00	5.88	4.75 ▼	7.00 ●	4.00 ▼	5.00 ●	17.50 ▲	3.50	14.00 x	20.00 ▲	3.08 ▼	2.00 x	2.00 ▼	KEY ▲ Large increase (> 100%) ▲ Medium increase (31% to 100%) ▲ Small increase (5% to 30%) ● Minor change (-5% to 5%) ▼ Small decrease (-5% to -30%) ▼ Medium decrease (-31% to -100%) ▼ Large decrease (< -100%) x Inconclusive change ⁷ x Inconclusive price, based on only one quote † Price with a strong (+2) deviation to the overall distribution
Bowl 1 liter	72	2.00 ●	1.50	2.00	1.40 ▲	2.25 ▲	2.00 x	2.10 ●	2.00 ▼	2.00	1.50 x	1.50 ●	2.00 ●	1.38 ▼	1.00 ●	
Bucket 10 liters	148	2.50 ▼	2.08	3.75	2.00 ●	2.00 ▼	3.00 ▲	2.55 ▼	2.50 ▼	5.00 ▲	3.50 ▲	3.25 ▲	2.35 ▲	2.00 ▼	1.30 ▼	
Chlorine Tabs clear 10 L of water	21	2.90 ▲	2.23	4.23	3.50 ▲	1.00 ●	NA	3.00 x	2.30 x	NA	NA	NA	10.00 x	NA	8.00 x	
Cooking Pot 5 liters	98	5.00 ●	4.59	6.46	7.00 ▲	2.50 ▼	5.20 x	5.22 ▼	5.00 ▼	4.50	5.00 x	9.50 ●	5.00 ▼	4.00 ▼	4.00 ▲	
Cooking Pot 7 liters	96	8.00 ●	7.00	10.00	8.00 ●	4.00 ▼	8.00 x	6.40 ▼	9.00 x	7.00	10.00 x	9.50 ▼	7.00 ▼	5.00 ▼	8.00 ▲	
Cup 250ml	79	1.00 ●	0.75	1.00	0.50 ●	1.00 ●	1.00 x	1.00 ●	1.25 ▼	0.50	0.70 x	0.50 ▼	1.00 ▲	1.00 ▲	0.50 ▼	
Jerry Can 20 liters, plastic	67	2.00 ●	1.95	2.25	2.00 ▲	2.00 ●	1.74 x	2.50 ▼	3.85 x	2.38	5.00 ▲	2.82 x	2.11 ▼	2.00 ▲	1.00 ●	
Jerry Can 10 liters, collapsible	56	1.85 ▼	1.46	2.37	3.00 x	2.00 x	1.80 x	2.06 ●	2.00 x	2.00	5.00 x	1.38 x	1.85 x	1.00 ▼	0.70 x	
Jerry Can 10 liters, non-collapsible	42	1.80 ●	1.46	2.25	2.69 ▲	2.25 x	1.80 x	1.75 ●	2.30 x	1.40	3.00 x	1.41 x	1.85 ●	1.00 ●	0.60 x	
Kettle 2 liters	105	4.00 ▼	3.38	5.00	3.50 ▼	3.50 ▼	4.80 ▼	4.00 ▼	4.00 ▼	3.50 ▲	4.50 x	4.00 ▼	4.00 ●	5.00 ●	2.00 ▼	
Knife medium	116	1.00 ●	1.00	1.00	1.00 ●	1.00 ●	1.48 x	1.00 ●	1.55 ▲	1.00	1.50 x	1.00 ●	1.15 ●	1.00 ●	0.45 ▼	
Lock unit	140	1.84 ▲	1.63	2.00	1.72 ▲	1.50 ▲	2.00 ▲	1.28 ▼	1.50 ▼	2.00 ▲	3.00 ▲	1.00 x	1.96 ●	1.00 ●	2.00 ●	
MHM ⁸ disposable, pack 10-14 units	70	1.24 ●	1.00	1.38	1.23 ▲	1.00 x	1.20 x	1.44 ●	1.25 ▼	1.00	1.30 x	1.65 x	1.92 ▲	2.00 x	1.00 x	
MHM reusable, 5 units	36	1.50 ▼	1.48	1.50	1.00 ▼	1.00 x	4.50 x	1.81 x	2.80 x	1.50	1.50 x	1.76 x	2.12 x	3.00 x	1.00 x	
Mosquito Net 1.8m x 1.6m x 1.5m	112	7.17 ▲	4.88	8.48	4.31 ▼	2.00 ▼	7.60 x	9.00 ▲	7.00 ▲	3.00	4.50 x	8.35 x	7.35 ●	9.00 x	1.75 ▼	
Mug unit	73	1.00 ●	0.90	1.00	0.50 ▼	0.50 ▼	1.00 ▲	1.25 ▲	1.00 x	1.00	0.70	0.75 ▼	1.73 ▲	1.00 ▲	0.35 ▼	
Face Mask box, 50 units	40	12.24 ▼	10.84	17.50	8.00 ▼	25.00 ●	NA	13.50 x	25.00 x	21.50	15.00 ▼	9.47 ▼	NA	NA	4.50 x	
Plastic Gloves box, 100 units	22	6.50 ▼	5.75	6.75	6.50 ▲	5.00 ●	NA	2.08 x	6.60 x	5.00	5.50 x	8.00 x	NA	NA	6.50 x	
Plastic Sheet 4m x 5m	53	9.00 ▼	7.86	10.00	4.50 x	10.00 x	11.00 x	9.00 ▼	12.00 ●	6.00	15.00 x	9.41 x	5.38 x	8.00 x	4.50 x	
Plastic Sheet 6m x 7.5m	44	10.50 ▼	7.10	12.88	6.46 x	10.00 x	11.68 x	10.50 ▼	15.00 ●	7.20	15.00 x	12.00 x	6.92 x	10.00 x	7.00 x	
Plate 25cm diameter	102	1.50 ▼	1.30	2.00	1.00 ▼	2.00 ▲	1.60 x	1.50 ▼	2.50 x	2.00	1.50 ▲	1.00 ▼	2.00 ●	1.00 x	0.40 ▼	
Rake unit	52	4.08 ●	3.10	4.08	6.00 x	2.50 ●	4.35 x	4.17 ●	NA	2.10	2.00 x	6.00 x	4.00 ▼	NA	2.70 ▼	
Serving Spoon 125ml	73	1.00 ●	1.00	1.42	1.00 ▼	0.50 x	1.40 x	1.50 ▲	1.60 x	1.00	1.50 x	1.00 ▼	0.96 ▲	1.00 ●	0.50 ▼	
Sleeping Mat 1.8m x 0.9m	114	9.00 ▲	6.28	9.40	9.00 ▲	7.00 ▼	9.20 ●	9.00 ▲	12.00 ▲	5.50	11.00 x	7.55 ▼	12.00 ●	5.00 ▼	2.85 ▼	
Soap 3 small bars (150g)	160	2.00 ▲	1.38	2.68	2.50 ▲	1.00 ▲	2.00 ▲	1.67 ▲	3.00 ▲	2.00 ▲	3.00 ▲	1.65 x	1.92 ▲	2.00 ▲	0.90 ▼	
Solar Lamp unit	46	2.79 ▲	2.08	3.81	3.08 ▼	2.50 ▲	4.90 x	2.08 x	3.50 x	NA	3.65 x	NA	1.60 ▲	NA	1.60 x	
Spoon unit	85	0.50 ●	0.50	0.97	0.33 ▼	0.50 ▼	1.00 x	0.50 ●	0.60 ▲	1.00 x	0.75 x	0.40 ▼	1.15 x	0.50 ●	0.10 ▼	
Washing Powder 100 grams	149	0.20 ●	0.19	0.20	0.20 ▲	0.20 ●	0.20 ●	0.78 ▲	0.20 ▼	0.40 ▲	0.12 ▼	NA	0.23 ●	0.20 ▲	0.20 ▲	
Water 1 liter bottle	91	0.70 ▲	0.62	0.80	0.77 ▲	0.70 ●	0.80 ●	0.56 ▲	0.60 ▲	NA	0.40 ▼	0.71 ▼	0.65 ▼	1.00 ▲	1.00 ▲	

Median prices of monitored items (USD) - Construction items and water suppliers

Item	Total Number of Vendors Assessed	Overall Median	1st Quartile	3rd Quartile	Baidoa	Beledweyne	Dhobley	Dolow	Dusamareb	Galkayo	Garowe	Hargeisa	Jowhar	Kismayo	Mogadishu	
Brick 20cm x 20cm	47	0.60 ▲	0.58	0.75	0.30 x	0.50 x	1.00 ▲	0.70 x	0.40 ▼	0.60 x	0.80 ▲	0.50 ●	3.00 x	0.20 x	0.40 ▼	
Cement 50kg	106	8.00 ●	8.00	9.60	13.46 ▲	10.00 ●	8.00 ▼	10.00 ●	9.50 ●	7.00 x	6.30 ●	6.20 ●	11.00 x	5.00 ▼	7.00 ▲	▲ Large increase (> 100%)
Gravel cubic meter	25	35.00 ▼	35.00	36.25	NA	35.00 x	31.00 x	51.00 x	60.00 x	24.00 x	15.00 x	NA	51.50 x	NA	50.00 x	▲ Medium increase (31% to 100%)
Gumboots one pair	50	9.50 ▼	9.45	10.63	10.00 ▲	4.00 x	15.00 x	13.00 x	4.35 x	12.00 x	4.00 ▼	8.50 ▼	9.00 x	7.50 x	12.00 x	▲ Small increase (5% to 30%)
Hammer 0.5kg	87	3.05 ▼	3.00	3.88	3.00 ●	3.50 ●	4.80 ▲	4.00 ●	3.05 ▼	5.00 ●	3.00 ●	4.00 ●	3.00 x	3.00 ●	2.50 ▼	● Minor change (-5% to 5%)
Hinges 4 inches	57	7.00 ▼	7.00	9.00	10.10 ▼	13.00 x	7.00 ▼	7.00 x	12.00 ▼	9.00 x	6.00 x	1.00 ▼	10.00 x	7.00 ▼	12.00 x	▼ Small decrease (-5% to -30%)
Iron Sheet 0.9m x 1.5m	90	4.50 ▼	3.88	6.00	3.00 ▲	3.50 ▼	8.00 ●	4.00 ▼	4.50 ▲	6.00 ▲	5.88 ▼	6.00 ●	3.50 x	8.00 ▲	3.00 ▼	▼ Medium decrease (-31% to -100%)
Metal Bar 1 quintal, 6mm x 6m	59	7.00 ▼	7.00	7.50	70.00 ▲	3.50 ▼	40.00 ▲	6.00 x	72.50 ▲	7.00 x	2.00 ▼	3.00 ▼	5.00 x	NA	67.55 ▼	▼ Large decrease (< -100%)
Metal Bar 1 quintal, 8mm x 6m	54	10.00 ▲	10.00	11.00	68.31 ▲	6.25 x	40.00 ▲	6.00 x	94.50 ▲	10.00 x	4.00 ▼	4.50 ▼	9.00 x	NA	52.50 ●	x Inconclusive change ⁸
Nails 1 box, No.5 (1.5 inch)	99	2.04 ●	2.00	2.25	12.00 ▲	1.20 ▼	7.60 ▲	1.00 ▼	8.15 ▲	2.00 ●	1.50 ●	2.00 ●	2.04 x	8.00 ▲	3.25 ▲	x Inconclusive price, based on only one quote
Nails 1 box, No.6 (2.5 inches)	98	3.00 ▲	2.13	3.00	12.00 ▲	1.50 ▼	5.50 ▲	1.00 ▼	12.00 ▲	2.30 x	1.50 ●	2.00 ●	3.00 x	8.00 ▲	4.00 ▲	▲ Price with a strong (+2) deviation to the overall distribution
Sand cubic meter	19	22.00 ▼	20.00	25.50	NA	42.50 x	22.00 x	50.00 x	55.00 x	24.50 x	15.00 x	NA	21.25 x	25.00 x	NA	▲ Price with a strong (+2) deviation to the overall distribution
Spade unit	83	3.00 ▼	3.00	3.00	2.50 ▼	3.00 ▼	8.00 ▲	4.00 ▼	4.75 ▲	2.00 x	3.00 ▼	3.00 x	5.00 x	2.00 ▼	2.95 x	
Timber 5cm x 2.5cm, 4m long	75	5.00 ▲	3.85	6.50	2.00 ▼	6.00 ▼	5.00 ▲	6.00 x	4.00 ▲	2.00 ▼	5.00 ▲	14.00 ▲	4.00 x	6.00 ▲	3.25 ▼	
Timber 8cm x 4cm, 4m long	75	5.00 ▲	4.00	6.35	4.42 ●	6.00 x	6.00 ▲	6.00 x	3.00 ▼	2.30 x	5.00 x	12.00 ▼	4.00 x	6.50 ▲	1.60 x	
Timber 10cm x 2.5cm, 4m long	71	6.00 ●	5.00	7.13	7.50 ●	6.00 x	7.00 ▲	6.00 x	6.00 ●	2.50 x	5.00 x	17.50 ▼	5.00 x	7.00 ▲	3.80 x	
Vent Pipe 4m long	57	6.20 ▼	5.00	7.25	3.00 ▼	13.00 x	6.00 ▼	10.00 x	3.25 ▼	10.00 x	8.00 ▲	10.06 ▼	4.00 x	4.00 x	6.40 x	
Wheelbarrow unit	76	27.50 ▼	25.00	29.75	15.00 ▼	20.00 x	25.00 ▼	40.00 ●	27.50 ▼	118.00 x	25.00 ▼	31.00 ▼	28.50 x	31.00 ▲	20.00 x	
Wooden Pole 6m long	56	4.88 ▲	4.13	5.75	2.00 ▼	6.00 x	8.00 ▲	5.00 x	5.00 ▲	6.00 x	4.50 x	3.50 ▼	4.00 x	7.00 x	4.75 x	
Wood Saw 10 inches long	89	4.00 ●	3.00	4.00	3.00 ●	3.50 x	7.00 ▼	4.00 x	7.00 ▲	2.00 x	4.00 ▲	5.00 ●	4.00 x	3.00 ▲	2.80 x	
Communal water 20 liters	20	0.08 ▲	0.08	0.08	0.08 ▲	0.30 x	0.08 x	0.04 ▼	0.10 x	0.07 ▼	0.10 x	NA	0.08 x	NA	0.04 ●	
Piped water 1000 liters	40	1.50 ▼	1.50	2.19	1.50 ●	4.00 ▲	3.00 ▲	1.04 ▼	1.00 x	NA	1.50 x	NA	4.81 x	NA	1.50 ▲	
Trucked water 1000 liters	24	3.00 ▼	2.83	3.22	1.42 x	NA	8.00 x	25.00 ▼	0.50 x	5.65 x	3.50 x	14.12 x	NA	2.50 x	1.00 x	

KEY

- ▲ Large increase (> 100%)
- ▲ Medium increase (31% to 100%)
- ▲ Small increase (5% to 30%)
- Minor change (-5% to 5%)
- ▼ Small decrease (-5% to -30%)
- ▼ Medium decrease (-31% to -100%)
- ▼ Large decrease (< -100%)
- x Inconclusive change⁸
- x Inconclusive price, based on only one quote
- ▲ Price with a strong (+2) deviation to the overall distribution

Median prices of monitored items (USD) - Education items

Item	Total Number of Vendors Assessed	Overall Median	1st Quartile	3rd Quartile	Badhan	Baidoa	Berbera	Bossaso	Burao	Burtinle	Ceelbarde	Dhobley	Dinsoor	Dolow	Erigavo	Garowe	Hudur	Jowhar	Laascaanood	Mogadishu	Qardho
Bag <i>unit, polyester</i>	87	5.63	5.00	7.58	7.00	4.00	12.50	5.00	5.12	5.00	7.78	5.00	8.00	6.15	6.35	5.25	8.00	4.13	5.00	8.25	6.00
Blackboard Drawing <i>set</i>	49	4.00	2.50	5.75	4.75	2.00	7.47	2.20	10.00	10.00	NA	4.00	1.96	2.50	4.00	2.50	5.00	NA	3.50	NA	6.00
Blackboard <i>plywood</i>	41	16.00	12.00	25.00	NA	8.00	NA	40.00	9.71	22.00	NA	16.00	NA	25.00	12.47	31.00	NA	NA	12.00	NA	NA
Calculator <i>unit</i>	90	9.25	5.92	11.75	14.00	12.00	5.47	11.00	3.88	5.00	NA	8.50	NA	5.50	7.18	10.50	NA	NA	8.00	17.00	12.00
Chalk <i>box, 10 units</i>	80	3.75	2.00	4.44	4.00	2.00	NA	4.00	1.76	5.00	NA	2.00	4.42	2.50	2.94	4.50	4.00	1.92	4.50	3.50	6.00
Crayons <i>packet, 24 units</i>	77	1.05	1.00	1.18	1.50	1.00	1.18	1.10	1.18	0.25	NA	1.00	NA	2.25	1.18	1.28	0.60	NA	1.00	0.50	1.00
Duster <i>unit</i>	75	1.00	0.67	1.43	1.00	1.41	0.59	1.50	0.47	0.70	NA	1.00	0.48	2.00	0.75	1.15	2.00	0.38	1.00	2.50	1.00
Exercise Book <i>100 pages, A5 size</i>	188	1.00	0.67	1.27	1.50	0.50	NA	1.50	1.00	1.00	0.67	1.00	0.54	1.27	1.76	0.80	0.72	1.00	0.70	0.50	3.00
Maps <i>set</i>	45	5.00	3.20	5.25	3.00	5.00	2.94	5.00	4.94	0.50	NA	3.20	NA	5.00	3.53	5.25	NA	NA	8.00	15.00	5.50
Marker <i>unit</i>	101	0.73	0.55	1.00	1.00	0.50	0.71	0.73	0.71	0.25	1.00	0.80	0.49	1.00	0.80	0.55	0.40	NA	0.60	1.00	1.00
Math Set <i>set</i>	88	1.50	1.41	2.00	1.60	2.00	2.94	1.50	4.94	1.00	2.00	5.00	1.01	1.50	1.41	1.50	3.25	NA	1.00	2.00	1.00
Paper <i>pack, 500 sheets A4 size</i>	107	4.94	4.40	5.00	5.00	4.40	4.94	5.00	4.00	5.00	NA	2.75	12.12	7.00	5.06	4.00	9.00	4.62	4.50	4.50	5.00
Pencil <i>pack, 24 units</i>	159	2.00	1.50	2.50	2.00	2.00	1.32	2.00	1.00	1.00	2.50	2.45	2.88	4.00	2.00	1.50	2.88	1.27	2.00	3.00	1.50
Pens <i>10 units</i>	145	1.50	1.20	2.00	2.00	1.00	1.41	2.40	1.41	2.50	1.11	1.00	1.25	2.00	1.60	1.50	1.20	1.92	1.50	3.00	1.00
Register <i>unit, large</i>	74	3.09	2.61	4.12	3.00	5.00	2.94	4.25	3.18	1.00	NA	2.50	3.71	5.83	2.00	5.00	2.40	NA	3.00	NA	3.50
Rubber <i>unit</i>	89	0.14	0.10	0.24	0.10	0.13	NA	0.20	NA	0.16	0.11	0.12	0.08	0.30	0.24	0.25	0.08	0.50	0.10	0.40	0.10
Ruler <i>unit, 30 cm long</i>	101	0.35	0.29	0.50	0.50	0.26	0.35	0.50	0.24	0.40	NA	0.59	0.20	0.56	0.35	0.32	0.23	NA	0.30	0.77	0.30
Scissor <i>unit, medium</i>	87	0.89	0.61	1.23	0.50	1.50	0.59	1.25	1.00	NA	NA	1.00	0.61	1.50	0.65	1.55	0.60	0.77	0.89	1.20	0.50
Sharpener <i>unit</i>	120	0.13	0.12	0.20	0.20	0.13	0.24	0.20	0.18	0.05	NA	0.13	0.12	0.30	0.12	0.13	0.12	0.38	0.10	0.12	0.10
White Board <i>aluminum</i>	68	32.22	25.00	49.00	46.00	110.00	19.00	31.50	32.94	25.00	NA	NA	NA	50.00	25.00	23.50	NA	23.08	30.00	120.00	80.00

KEY

- x Inconclusive price, based on only one quote
- 4 Price with a strong (+2) deviation to the overall distribution

STOCK AND CREDIT

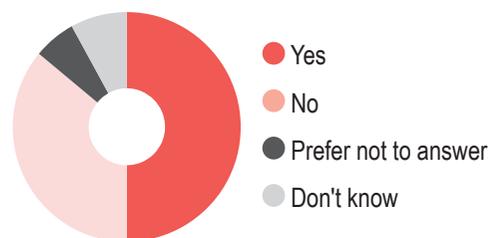
While these aggregate results indicate low risk of shortages, with stock durations generally above restocking time, results disaggregated by location indicate that some markets and items are more at risk of shortages. Comparing the stock conditions from all locations assessed, findings indicate that 7 of the 12 assessed locations where bricks had been assessed faced risk of a shortage thereof (restocking time is longer or equal to stock duration). Other key items found to be at risk of stock depletion were spades (5 locations), iron sheets (5 locations), gumboots (5 locations), wood saws (4 locations), wooden poles (4 locations), nails (4 locations), metal bars (4 locations), and timber (4 locations). Indeed, construction items were more commonly reported to be difficult to restock in the three-month period prior to data collection, than general NFIs or stationary items.

Vendors were asked which sources of credit (if any) would be available to them if they were to need extra capital to conduct their business; they most commonly reported suppliers (17%), banks (16%), and family living in the same district (9%) to be their most likely sources of credit in such situations. Conversely, nearly one third (29%) of the vendors interviewed reported not having access to any source of credit. In the previous round, the percentage of vendors reporting having no access to credit was (24%). In two locations, Erigavo and Kismayo, a relatively high percentage of vendors reported micro-finance as one of their sources of credit.

Conversely, 50% of vendors at the aggregate level reported offering credit to at least one of their customers in the 30 days prior to data collection, which indicates a financial risk for vendors in cases of non-payment. Locations with a higher percentage of vendors reporting having offered credit to customers were Badhan (100%), Burtinle (100%), Erigavo (100%), Laascanood (100%),

Dhobley (93%), Dinsoor (88%), Bossaso (79%), Beletweyne (77%), and Kismayo (76%).

Percentage of vendors reporting having provided credit to any of their customers, in the 30 days prior to data collection (aggregate level)



50 USD is the median maximum amount that vendors reported allowing in credit for a single customer. 50% of values reported were between 10-120 USD.

210 USD is the median reported estimated value of credit that vendors had offered to customers and were still expecting to be paid back. 50% of values reported were between 100-710 USD.



Percentage of vendors reporting being able to access the following sources of credit when in need of extra capital for their business

Location	None	Supplier	Bank	Family (same district)	Family (different district)	Don't know	Micro-finance	Community	Association	Hawala	Prefer not to answer	SACCO
All	29%	17%	16%	9%	3%	3%	0%	0%	0%	0%	0%	0%
Badhan	60%	30%	30%	20%	0%	0%	0%	0%	0%	0%	0%	0%
Baidoa	23%	32%	21%	25%	15%	13%	2%	6%	6%	9%	2%	0%
Beledweyne	23%	19%	44%	5%	5%	4%	0%	3%	3%	0%	0%	0%
Berbera	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Bossaso	19%	7%	44%	28%	16%	5%	0%	0%	5%	2%	2%	0%
Burao	80%	0%	0%	0%	0%	20%	0%	0%	0%	0%	0%	0%
Burtinle	33%	0%	67%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Ceelbarde	8%	29%	0%	63%	13%	4%	0%	0%	0%	0%	4%	0%
Dhobley	7%	59%	0%	33%	4%	0%	0%	0%	0%	0%	0%	0%
Dinsoor	75%	0%	0%	17%	8%	0%	0%	0%	0%	0%	0%	4%
Dolow	30%	19%	8%	27%	3%	8%	8%	5%	8%	0%	5%	8%
Dusamareb	45%	15%	21%	9%	3%	3%	15%	12%	3%	0%	9%	0%
Erigavo	43%	14%	29%	0%	0%	0%	29%	0%	0%	14%	0%	14%
Galkayo	91%	2%	2%	0%	0%	2%	0%	0%	0%	0%	2%	0%
Garowe	26%	39%	9%	22%	11%	2%	0%	7%	0%	2%	0%	2%
Hargeisa	20%	8%	24%	2%	0%	37%	0%	2%	0%	0%	10%	2%
Hudur	26%	2%	2%	64%	40%	0%	0%	9%	0%	4%	0%	0%
Jowhar	17%	67%	21%	24%	13%	6%	0%	3%	3%	0%	1%	1%
Kismayo	29%	24%	24%	8%	5%	5%	24%	0%	3%	11%	0%	0%
Laascanood	27%	27%	45%	9%	0%	0%	0%	0%	0%	0%	9%	0%
Mogadishu	75%	3%	10%	4%	0%	9%	0%	0%	0%	0%	0%	0%
Qardho	70%	20%	10%	0%	0%	0%	0%	0%	10%	0%	0%	0%

Stock conditions reported by vendors, per location (key below) - General NFIs

Item	All	Baidoa	Beledweyne	Dhobley	Dolow	Dusamareb	Galkayo	Garowe	Hargeisa	Jowhar	Kismayo	Mogadishu
Blanket	10 = 7 40%	6 ● 12 39%	15 = 7 40%	7 = 7 77%	10 = 5 40%	80 = 9 22%	1 = 1 0%	20 = 1 0%	18.5 = 1 0%	10 = 10 60%	31 = 22.5 50%	10 = 1 0%
Bowl	15 = 7 36%	6 ● 14 47%	15 = 8.5 0%	15 = 7 46%	19 = 5.5 25%	82.5 = 12 13%	5 = 1 0%	30 = 3 0%	30 = 2 0%	17.5 = 8.5 100%	8 = 5 25%	14 ● 15 0%
Bucket	14.5 = 7 21%	6 ● 10 41%	12.5 = 7 8%	7 = 7 77%	18 = 11 21%	85 = 10 27%	4 = 1 11%	30 = 3 0%	25 = 2 10%	20 = 10 70%	6 = 6 18%	14.5 = 2 0%
Chlorine Tabs	20 = 8.5 100%	3 ● 8 0%	20 = 15 0%	NA	23 = 14 0%	60 = 8.5 0%	NA	30 = 1 0%	NA	0 = 40 100%	NA	10 = 1.5 0%
Cooking Pot	20 = 7 35%	6 ● 10.5 45%	20 = 10 0%	15 = 7 35%	20 = 7 22%	82.5 = 12 30%	4.5 = 1 0%	30 = 3 0%	30 = 2 0%	22.5 = 10 80%	5 ● 6 0%	14 ● 20 0%
Cup	14.5 = 7.5 50%	5 ● 14 53%	15 = 10 20%	11 = 7 50%	14.5 = 7.5 13%	75 = 12.5 0%	2 = 1 0%	30 = 3 0%	30 = 1 0%	25 = 10 67%	5 ● 6 0%	14 ● 25 0%
Jerry Can	10 = 5 29%	5 ● 8 38%	12.5 = 8.5 17%	7 = 7 50%	15 = 10 27%	37.5 = 5 25%	1 = 1 0%	30 = 3 0%	5 = 2 0%	16 = 21 50%	6 = 5 29%	10 = 1 0%
Kettle	15 = 7 28%	5 ● 12 40%	20 = 8 0%	15 = 7 36%	15 = 8 11%	85 = 9.5 20%	4.5 = 1 0%	30 = 3 0%	30 = 2 9%	22.5 = 10 71%	4 ● 6 0%	14 = 3.5 0%
Knife	15 = 7 20%	5 ● 7.5 40%	15 = 10.5 0%	15 = 7 35%	14 = 7 14%	82.5 = 12.5 20%	3 = 1 0%	30 = 3 0%	15 = 2 8%	15 = 10 73%	5 = 5 14%	12 = 3.5 0%
Lock	15 = 6 22%	6 ● 7.5 32%	15 = 7 8%	10 = 7 22%	23 = 8 20%	85 = 5 0%	6 = 1 33%	30 = 3 0%	30 = 2 0%	30 = 10 68%	6 = 6 0%	9 = 1.5 8%
MHM	10 = 7 40%	6 ● 9 44%	10 = 7 20%	7 = 7 23%	24 = 7 40%	75 = 8 0%	7 = 1 0%	45 = 3 0%	0 = 0 100%	25 = 19 60%	8 = 6 40%	10 = 1 0%
Mosquito Net	14 = 7 32%	5 ● 9 52%	15 = 7 14%	10 = 7 30%	14 = 7 33%	75 = 7 0%	2 = 1 0%	20 = 3 0%	7 = 1 0%	17.5 = 14.5 67%	21 = 7 14%	10 = 1.5 0%
Mug	16.5 = 7 25%	6 ● 9 57%	16.5 = 8.5 17%	7 = 7 75%	18.5 = 7 25%	55 = 17.5 25%	4.5 = 3.5 25%	30 = 2 0%	30 = 2 0%	20 = 10 57%	5 = 5 0%	12 = 8.5 0%
Face Mask	17 = 4 29%	4 ● 5 29%	14 = 7 8%	NA	32 = 14 0%	80 = 10 40%	5 = 2 0%	25 = 3 0%	0 = 0 0%	NA	NA	20 = 1 0%
Plastic Gloves	16 = 6 37%	5.5 = 8 17%	15 = 10 0%	NA	24 = 10 33%	75 = 10 40%	4 = 1 0%	30 = 2 0%	17.5 = 3.5 50%	NA	NA	10 = 1 0%
Plastic Sheet	15 = 7 43%	11 ● 12 60%	10 ● 12.5 0%	15 = 7 39%	21 = 10 11%	45 = 8 43%	1 = 1 0%	60 = 1 0%	15 = 15 0%	15 = 5 100%	5 ● 7 0%	25 = 2 0%
Plate	10 = 7 34%	6 ● 12 53%	15 = 10 20%	10 = 7 47%	15 = 7 11%	82.5 = 9.5 20%	5 = 1 0%	30 = 3 0%	30 = 2 0%	10 = 10 78%	5 ● 6 0%	10 = 5 0%
Rake	19 = 6.5 54%	6 ● 8 54%	18 = 14 20%	7 = 7 83%	19 = 6.5 33%	NA	1 = 1 0%	20 = 3 0%	30 = 2 0%	27.5 = 10 79%	NA	20 = 2 0%
Serving Spoon	15 = 7 38%	7 ● 9 42%	60 = 7 0%	15 = 7 38%	29 = 7 14%	85 = 15 29%	2 = 1 0%	60 = 1 0%	30 = 2 0%	12 = 8.5 75%	5 = 5 0%	14 = 5 0%
Sleeping Mat	20 = 7 21%	6 ● 8 43%	20 = 9 8%	15 = 7 26%	15 = 7 11%	45 = 7 0%	3 = 1 0%	60 = 1 0%	22.5 = 16 0%	20 = 10 85%	7.5 = 5 17%	20 = 1.5 0%
Soap	7 = 6 19%	4 ● 7 35%	6 = 6 4%	7 = 7 19%	21 = 7 15%	45 = 7 22%	1 = 1 0%	30 = 3 0%	0 = 3.5 0%	15 = 10 71%	2.5 = 2.5 0%	8.5 = 1 7%
Solar Lamp	19 = 8 50%	7 ● 8.5 28%	20 = 8.5 25%	15 = 7 0%	46 = 10.5 0%	65 = 7 57%	NA	27.5 = 1.5 50%	NA	17.5 = 11 50%	NA	10 = 1 0%
Spoon	15 = 8 25%	7 ● 9 50%	19 = 11 25%	15 = 7 36%	14 = 8 14%	85 = 9 22%	6 = 1 0%	33 = 1.5 0%	30 = 20 13%	23 = 10 67%	4 = 5 0%	14.5 = 3.5 0%
Washing Powder	7 = 4.5 14%	4 = 8.5 44%	7 = 6 3%	7 = 7 19%	14 = 1 14%	47.5 = 7 13%	1 = 1 0%	25 = 3 0%	NA	15 = 10 69%	2 = 1 0%	6 = 1.5 8%
Water	6 = 4 33%	1 ● 3 14%	5 = 7 0%	7 = 7 23%	5 = 2 50%	30 = 1 0%	NA	25 = 3 0%	0 = 0 33%	14 = 12.5 63%	3 = 5 0%	14 = 20 0%

HOW TO READ THIS TABLE

- 10 = 7 40% → Proportion of vendors reporting difficulty to restock item
 → Median reported estimated days to restock
 → Median reported estimated days of stock left

KEY

- Risk of shortage: the reported current stock length (days) is smaller than the reported time to restock (in days)
- Between 33% and 66% of vendors reporting having difficulty to stock this item in the three months prior to data collection
- Between 67% and 100% of vendors reporting having difficulty to stock this item in the three months prior to data collection

Stock conditions reported by vendors, per location (key below) - Construction items and water suppliers

Item	All	Baidoa	Beledweyne	Dhobley	Dolow	Dusamareb	Galkayo	Garowe	Hargeisa	Jowhar	Kismayo	Mogadishu
Brick	7=7 100%	15=22.5 100%	6=8.5 0%	15=20 33%	7=8 0%	52.5=5 0%	3=1 0%	15=7 0%	0=50 0%	3=5 100%	1=2 0%	10=2 0%
Cement	15=7 27%	8=21 91%	15=14.5 0%	15=7 27%	10=15 0%	35=12.5 17%	5=1 0%	30=3 0%	22.5=40 0%	4=5 100%	10=6 27%	20=2 0%
Gravel	20=2 83%	0=30 100%	20=10.5 0%	20=7 67%	51=1 0%	45=1 0%	5=1 0%	20=1 0%	NA	5=6 100%	NA	20=2 17%
Gumboots	13=7 53%	10=21 67%	30=14.5 0%	7=7 40%	13=15 0%	70=15 0%	4=1 0%	20=3 0%	25=45 0%	3=6 100%	2=4 33%	17.5=2 0%
Hammer	15=8 100%	30=30 100%	13.5=20 0%	15=7 25%	4=15 0%	60=10 0%	5=1 0%	30=3 0%	25=42.5 0%	12.5=8 100%	5=3 0%	25=2 0%
Hinges	11=7 50%	9.5=15 50%	6=27.5 0%	11=7 67%	1=1 0%	65=15 0%	5.5=1 0%	30=3 14%	17.5=60 0%	12=7 100%	10=4 29%	20=2 0%
Iron Sheet	12.5=7 39%	10=20.5 60%	12.5=15 0%	15=7 30%	4=15 0%	60=10 33%	6=1 0%	25=3 13%	14.5=47.5 0%	5=6 100%	8=5 44%	15=7 0%
Metal Bar	15=11 42%	13=27.5 75%	30=14.5 0%	15=7 33%	6=15 0%	60=37.5 50%	5=1 0%	20=3 29%	22=50 0%	2=6 100%	NA	15=2 10%
Nails	15=7 13%	15=27.5 88%	15=15 0%	15=7 9%	1=15 0%	62.5=8 0%	5=1 0%	30=3 11%	30=60 0%	4=6 100%	6=5.5 13%	20=2 0%
Sand	15=4 100%	NA	5=10.5 0%	7=7 60%	25.5=8 0%	45=1 0%	8=1 0%	15=1 0%	NA	3=4 100%	15=28 100%	17.5=2 0%
Spade	12.5=7 38%	20=21 78%	5=25 0%	15=7 33%	4=15 0%	60=7.5 0%	5.5=1 0%	27.5=3 13%	25=55 0%	3=5 100%	7.5=4 38%	12.5=2 0%
Timber	16.5=7 40%	25=30 100%	20=20 0%	16.5=7 40%	8=15 0%	60=12.5 33%	5.5=1 0%	25=3 20%	20=60 9%	5=6 100%	15=4.5 40%	15=2 0%
Vent Pipe	15=7 27%	25=23 100%	30=14.5 0%	15=7 33%	10=10 0%	60=10 17%	7.5=1 0%	30=3 20%	30=52.5 17%	3.5=5 100%	3=2.5 0%	15=2 0%
Wheelbarrow	15=7 40%	15=21 73%	NA	7=7 40%	40=15 0%	62.5=12.5 0%	6=1 0%	25=3 11%	30=50 0%	2=5.5 100%	5=2 29%	10=2 0%
Wooden Pole	10=5 46%	12.5=25.5 75%	15=17.5 0%	7=7 40%	5=5 0%	47.5=3 50%	6=1 0%	30=3 20%	15=60 0%	4=5 100%	5=5 43%	10=2 0%
Wood Saw	10=5.5 22%	10=21 82%	8.5=20 0%	20=7 22%	4=4 0%	65=10 0%	6=1 0%	25=3 11%	20=60 0%	3=5.5 100%	3=3 0%	17.5=2 20%
Communal water	10=2 67%	10=1 0%	12.5=11 0%	6.5=1.5 100%	10=15 0%	1=14 0%	5=1 0%	2=15.5 50%	NA	60=2 67%	NA	45=1 0%
Piped water	8.5=4 50%	7=2 40%	15=17 0%	15=7 59%	10=5 33%	1=10.5 50%	7=1 0%	30=1 0%	NA	50=1.5 100%	NA	5=7 0%
Trucked water	4=1.5 42%	6=9.5 50%	18.5=17.5 0%	3=1 100%	2=2 33%	1=1 33%	6=1 0%	30=1 0%	0=0 0%	0=2 33%	5=2 80%	5=2 0%

HOW TO READ THIS TABLE

- 10=7 40% → Proportion of vendors reporting difficulty to restock item
- Median reported estimated days to restock
- Median reported estimated days of stock left

KEY

- Risk of shortage: the reported current stock length (days) is smaller than the reported time to restock (in days)
- Between 33% and 66% of vendors reporting having difficulty to stock this item in the three months prior to data collection
- Between 67% and 100% of vendors reporting having difficulty to stock this item in the three months prior to data collection

Stock conditions reported by vendors, per location (key below) - Education items (part 1)

Item	All	Badhan	Baidoa	Berbera	Bossaso	Burao	Burtinle	Ceelbarde	Dhobley	Dinsoor	Dolow	Erigavo
Bag	22.5 = 7 25%	3.5 = 1 25%	28 = 4 0%	12.5 = 30 50%	1.5 = 11.5 22%	20 = 1 40%	30 = 14 0%	45 = 7 0%	25 = 7.5 25%	60 = 7.5 0%	35 = 7 29%	10 = 2 14%
Blackboard Drawing	30 = 8 38%	60 = 1 0%	20 = 4 0%	5.5 = 22.5 50%	2 = 30 36%	20 = 20 40%	30 = 14 0%	NA	40 = 20 100%	80 = 8 0%	30 = 7 29%	7 = 2 0%
Blackboard	13.5 = 5.25 25%	NA	15 = 4 0%	10 = 30 33%	2.5 = 8.5 25%	20 = 6 0%	30 = 14 0%	NA	30 = 12 0%	NA	30 = 7 29%	5.5 = 2.5 25%
Calculator	27.25 = 4 23%	26.5 = 1 17%	28 = 4 0%	12.5 = 30 50%	12 = 22.5 15%	30 = 12 40%	7 = 3 0%	NA	33.5 = 8 50%	NA	30 = 7 29%	15 = 2 0%
Chalk	25 = 5 33%	16.5 = 1 0%	28 = 4 0%	5.5 = 30 50%	0.5 = 12 22%	30 = 6 33%	7 = 3 0%	NA	25 = 13.5 0%	30 = 8 63%	60 = 7 29%	11 = 2 0%
Crayons	12 = 4.25 25%	3 = 1 0%	28 = 4 0%	10 = 30 33%	0.5 = 11 25%	30 = 11 40%	7 = 3 0%	NA	7 = 7 100%	NA	30 = 7 25%	10 = 2 0%
Duster	18.75 = 7 32%	17.5 = 1 0%	28 = 4 0%	10 = 10 33%	3 = 25 31%	15 = 10 0%	16.5 = 7.5 0%	NA	20 = 7 33%	30 = 11.5 75%	30 = 7 25%	9 = 2 0%
Exercise Book	18.25 = 7 32%	7 = 1 0%	10 = 4 33%	10 = 30 33%	5 = 10 14%	30 = 10 40%	18.5 = 8.5 0%	35 = 30 30%	15 = 7 25%	30 = 8 53%	60 = 7 38%	15 = 2 0%
Maps	30 = 7 43%	7 = 1 33%	28 = 4 0%	5.5 = 30 50%	3.5 = 19.5 43%	30 = 10 40%	30 = 14 0%	NA	50 = 20 100%	NA	30 = 7 75%	15 = 3 20%
Marker	20 = 7 33%	7 = 1 14%	20 = 4 33%	10 = 30 33%	12 = 20 38%	30 = 15 60%	16.5 = 7.5 0%	52.5 = 7 0%	20 = 7 0%	25 = 8 50%	32.5 = 7 50%	7 = 2 0%
Math Set	30 = 7 33%	55 = 1 0%	30 = 4 0%	10 = 30 33%	8 = 12 14%	30 = 15 40%	16.5 = 7.5 0%	60 = 7 0%	10 = 7 0%	22.5 = 11.5 50%	30 = 7 25%	12 = 2.5 0%
Paper	10 = 7 39%	4 = 1 0%	5 = 4 0%	10 = 10 33%	10 = 14 12%	30 = 10 40%	7 = 3 0%	NA	26 = 7 50%	55 = 8 50%	30 = 7 38%	5 = 2 0%
Pencil	15 = 7 33%	7 = 1 0%	10 = 4 33%	15 = 30 33%	3 = 14 20%	30 = 12 40%	7 = 3 0%	35 = 30 0%	13.5 = 7 25%	30 = 8 56%	37.5 = 7 38%	13 = 2 0%
Pens	17 = 7 33%	17 = 1 0%	15 = 4 33%	10 = 30 33%	4.5 = 8 11%	30 = 15 40%	7 = 3 0%	35 = 7 0%	26 = 7 50%	30 = 8 45%	30 = 7 29%	11 = 2 0%
Register	30 = 7 33%	4 = 1 29%	15 = 4 33%	10 = 30 33%	1.5 = 15 33%	30 = 15 40%	30 = 14 0%	NA	35 = 11 50%	40 = 8 33%	30 = 7 50%	7 = 2 0%
Rubber	22.5 = 6.5 23%	40 = 1 0%	19 = 3.5 0%	NA	6.5 = 17 25%	NA	18.5 = 8.5 0%	60 = 30 0%	20 = 7 0%	30 = 8 60%	30 = 7 20%	7 = 3 0%
Ruler	23 = 7 23%	4 = 1 0%	15 = 4 0%	15 = 30 33%	7.5 = 12 23%	30 = 11 40%	18.5 = 8.5 0%	NA	26 = 7 0%	30 = 8 40%	55 = 7 25%	18 = 2 14%
Scissor	30 = 7 33%	40 = 1 0%	20 = 4 0%	15 = 30 33%	12.5 = 19.5 0%	30 = 15 40%	30 = 14 0%	NA	30 = 7 0%	30 = 8 50%	42 = 7 25%	11.5 = 2.5 0%
Sharpener	21.5 = 4 35%	7 = 1 0%	25 = 4 33%	10 = 30 33%	2 = 14 26%	30 = 2 40%	7 = 3 0%	NA	13.5 = 7 50%	30 = 8 54%	30 = 7 38%	7 = 2 14%
White Board	22.5 = 7 33%	36.5 = 1 50%	28 = 4 33%	15 = 30 33%	1.5 = 27.5 29%	15 = 10 40%	30 = 14 0%	NA	60 = 20 100%	NA	30 = 7 13%	14 = 2 0%

HOW TO READ THIS TABLE

- 10 = 7 40% → Proportion of vendors reporting difficulty to restock item
- Median reported estimated days to restock
- Median reported estimated days of stock left

KEY

- Risk of shortage: the reported current stock length (days) is smaller than the reported time to restock (in days)
- Between 33% and 66% of vendors reporting having difficulty to stock this item in the three months prior to data collection
- Between 67% and 100% of vendors reporting having difficulty to stock this item in the three months prior to data collection

Stock conditions reported by vendors, per location (key below) - Education items (part 2)

Item	All	Garowe	Hudur	Jowhar	Laascaanood	Mogadishu	Qardho
Bag	22.5 = 7 25%	37.5 = 3.5 17%	30 = 7 20%	10 = 10 50%	14.5 = 1.5 0%	5.5 = 4 0%	55 = 16 0%
Blackboard Drawing	30 = 8 38%	37.5 = 3 17%	60 = 10 0%	NA	45 = 2 50%	5 = 3 0%	60 = 60 33%
Blackboard	13.5 = 5.25 25%	37.5 = 3 17%	NA	NA	12 = 2 0%	6.5 = 4.5 0%	4 = 1 0%
Calculator	27.25 = 4 23%	30 = 3.5 17%	NA	NA	30 = 1 0%	5.5 = 4 0%	12 = 2 11%
Chalk	25 = 5 33%	52.5 = 3 17%	60 = 10 0%	20 = 10 0%	18.5 = 1.5 0%	5.5 = 4 0%	30 = 2 0%
Crayons	12 = 4.25 25%	37.5 = 3 17%	60 = 10 0%	NA	14 = 1 10%	6 = 4.5 0%	30 = 2 11%
Duster	18.75 = 7 32%	45 = 3.5 17%	60 = 10 0%	10 = 10 100%	23.5 = 1.5 13%	5 = 4 0%	20 = 2 0%
Exercise Book	18.25 = 7 32%	52.5 = 3.5 17%	30 = 10 30%	13.5 = 13.5 50%	18 = 1 9%	5.5 = 4 0%	30 = 2 0%
Maps	30 = 7 43%	52.5 = 3.5 17%	NA	NA	45 = 1.5 0%	6 = 6 0%	40 = 43.5 50%
Marker	20 = 7 33%	52.5 = 3.5 17%	32.5 = 12 25%	NA	10 = 1 9%	4.5 = 4 0%	30 = 2 0%
Math Set	30 = 7 33%	52.5 = 3.5 17%	45 = 8 0%	NA	30 = 1.5 0%	4.5 = 4 0%	25 = 2 0%
Paper	10 = 7 39%	37.5 = 3.5 17%	52.5 = 15 0%	20 = 15 0%	7 = 1 0%	5 = 4 0%	20 = 2 0%
Pencil	15 = 7 33%	37.5 = 3.5 17%	30 = 11 29%	17 = 11.5 50%	15 = 1 0%	4.5 = 4 0%	20 = 2 0%
Pens	17 = 7 33%	42.5 = 3 17%	45 = 10 0%	14 = 10 100%	10 = 1 0%	5.5 = 4 0%	20 = 2 0%
Register	30 = 7 33%	40 = 3 17%	60 = 10 0%	NA	30 = 1 11%	5.5 = 4 0%	30 = 2 0%
Rubber	22.5 = 6.5 23%	45 = 3.5 17%	30 = 12 22%	10 = 15 100%	3 = 1 0%	4.5 = 4 0%	30 = 6 0%
Ruler	23 = 7 23%	45 = 3.5 17%	37.5 = 9 13%	NA	20 = 1 9%	5.5 = 4 0%	30 = 2 0%
Scissor	30 = 7 33%	30 = 3 17%	42.5 = 10 15%	21 = 13 50%	29.5 = 1 0%	5 = 4 0%	30 = 2 0%
Sharpener	21.5 = 4 35%	45 = 4 17%	30 = 12 10%	21.5 = 13 50%	15 = 1 0%	4.5 = 4 0%	30 = 2 0%
White Board	22.5 = 7 33%	30 = 3 17%	NA	12 = 15 100%	15 = 1 0%	4.5 = 4 0%	22.5 = 16 13%

HOW TO READ THIS TABLE

- 10 = 7 40% → Proportion of vendors reporting difficulty to restock item
 → Median reported estimated days to restock
 → Median reported estimated days of stock left

KEY

- Risk of shortage: the reported current stock length (days) is smaller than the reported time to restock (in days)
- Between 33% and 66% of vendors reporting having difficulty to stock this item in the three months prior to data collection
- Between 67% and 100% of vendors reporting having difficulty to stock this item in the three months prior to data collection

MARKET ENVIRONMENT

The aggregate results indicated a relatively high prevalence of transportation barriers, followed by financial barriers. It is important to note how these barriers reportedly affected vendors from different locations.

Some locations appear high on the list of a particular barrier and not in others, suggesting location-specific concerns from vendors. Poor quality of roads is the most commonly reported barrier, reported by 33% of vendors interviewed, followed by low purchasing power (29%), and flooding affecting roads (7%). These three percentages suggest a general decrease from the previous round. However, it is important to consider that more locations were included in this round, which may have skewed the aggregated results. Other commonly reported barriers were road closure, particularly in Diinsoor (54% of vendors), and theft during transportation, particularly in Hudur (34%).

When asked about the possible effect of CVA on prices, the largest portion of vendors interviewed reported expecting no change in prices (40%), followed closely by an expectation of price increase (11%).

Seasonality was reported by more than half of the vendors (58%) as affecting their supply. The previously observed negative correlation between immediate access to major sea ports and seasonality⁹ was not observed in this round. Rather, findings for this round suggested that locations with immediate or relatively easy access to sea ports were also affected by seasonality.

KEY

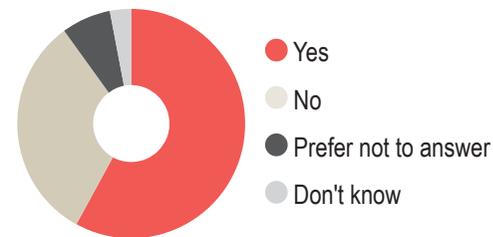
(table on the right)



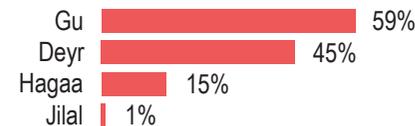
Percentage of vendors reporting different expected effects on prices, if CVA were to be distributed to the local population

Location	Price decrease	Price increase	No change to price	Don't know or
All	7%	11%	40%	11%
Badhan	20%	20%	40%	20%
Baidoa	8%	8%	50%	35%
Beledweyne	6%	46%	37%	11%
Berbera	0%	0%	100%	0%
Bossaso	23%	41%	36%	0%
Burao	0%	25%	75%	0%
Burtinle	0%	0%	0%	0%
Ceelbarde	46%	8%	46%	0%
Dhobley	0%	35%	65%	0%
Dinsoor	20%	80%	0%	0%
Dolow	9%	35%	39%	17%
Dusamareb	20%	0%	60%	20%
Erigavo	100%	0%	0%	0%
Galkayo	6%	0%	89%	6%
Garowe	11%	39%	33%	17%
Hargeisa	0%	0%	41%	59%
Hudur	0%	0%	100%	0%
Jowhar	14%	48%	28%	10%
Kismayo	0%	58%	8%	33%
Laascaanood	0%	0%	60%	40%
Mogadishu	7%	15%	22%	56%
Qardho	0%	0%	50%	50%

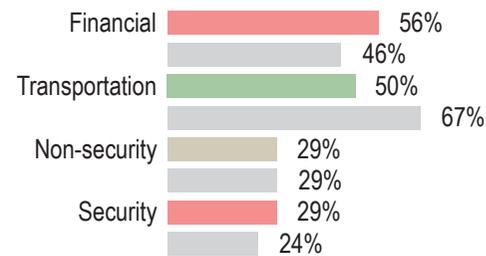
Percentage of vendors reporting facing greater supply issues in a particular season



Of those, particular seasons¹⁰ in which they reported facing greater supply issues



Percentage of vendors reportedly affected by each barrier type (colored), compared with the previous round (gray)



KEY

(graph above and table on the right)

- Increase from previous round
- No change from previous round
- Decrease from previous round

Percentage of vendors reportedly affected by each barrier type, compared with the previous round, in August 2020

Location	Financial	Transportation	Non-security	Security
All	56%	50%	29%	29%
Badhan	40%	40%	30%	30%
Baidoa	57%	88%	55%	55%
Beledweyne	49%	57%	27%	21%
Berbera	0%	33%	0%	33%
Bossaso	67%	28%	19%	19%
Burao	20%	40%	0%	20%
Burtinle	100%	33%	0%	0%
Ceelbarde	83%	100%	96%	54%
Dhobley	93%	88%	86%	27%
Dinsoor	50%	75%	25%	21%
Dolow	43%	76%	41%	35%
Dusamareb	33%	48%	39%	48%
Erigavo	86%	43%	43%	43%
Galkayo	4%	18%	9%	7%
Garowe	63%	73%	13%	15%
Hargeisa	61%	52%	43%	31%
Hudur	81%	96%	57%	60%
Jowhar	85%	95%	78%	81%
Kismayo	58%	61%	37%	32%
Laascaanood	55%	0%	18%	0%
Mogadishu	29%	38%	18%	13%
Qardho	30%	11%	10%	0%

Percentage of vendors reportedly affected by each barrier, per location (part 1)

Location	Financial Barriers											Transportation Barriers									
	Banks closed	Banks limited cash	Banks limited loan	Don't know	Hawala closed	Hawala limited cash	Hawala limited movement	Limited cash	Low purchase power	None	Prefer not to answer	Bombing	Detention	Don't know	None	Prefer not to answer	Road closures	Road poor quality	Roads flood	Supplier no auth movement	Theft
All	0%	0%	2%	0%	0%	0%	0%	6%	29%	44%	0%	0%	0%	4%	50%	0%	6%	33%	7%	0%	0%
Badhan	0%	0%	0%	10%	0%	0%	0%	0%	30%	60%	0%	0%	0%	0%	60%	0%	0%	10%	30%	0%	0%
Baidoa	0%	4%	11%	9%	0%	6%	2%	11%	23%	43%	9%	4%	6%	4%	13%	0%	4%	58%	40%	6%	17%
Beledweyne	8%	3%	7%	4%	15%	11%	4%	5%	12%	51%	3%	0%	1%	4%	43%	3%	0%	34%	30%	0%	1%
Berbera	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	67%	0%	0%	33%	0%	0%	0%
Bossaso	0%	9%	16%	5%	12%	9%	5%	12%	35%	33%	2%	2%	0%	7%	72%	2%	9%	14%	7%	0%	5%
Burao	0%	0%	0%	0%	0%	0%	0%	0%	20%	80%	0%	0%	0%	20%	60%	0%	0%	20%	0%	0%	0%
Burtinle	0%	0%	67%	0%	0%	0%	0%	0%	33%	0%	0%	0%	0%	0%	67%	0%	33%	33%	33%	33%	0%
Ceelbarde	0%	0%	0%	8%	0%	0%	0%	0%	71%	17%	0%	13%	0%	4%	0%	0%	25%	88%	42%	0%	17%
Dhobley	0%	0%	0%	0%	3%	1%	3%	63%	81%	7%	0%	2%	2%	0%	12%	0%	8%	67%	67%	0%	2%
Dinsoor	0%	0%	0%	0%	0%	0%	0%	4%	50%	50%	0%	50%	8%	4%	25%	0%	54%	46%	0%	33%	25%
Dolow	3%	5%	3%	0%	3%	8%	8%	11%	24%	57%	5%	3%	3%	0%	24%	3%	35%	62%	32%	3%	0%
Dusamareb	6%	0%	0%	3%	3%	0%	0%	6%	12%	67%	9%	0%	17%	3%	52%	7%	21%	21%	7%	0%	14%
Erigavo	14%	14%	14%	0%	29%	0%	0%	43%	57%	14%	0%	0%	14%	0%	57%	0%	43%	14%	0%	0%	0%
Galkayo	0%	0%	0%	2%	0%	0%	0%	0%	2%	96%	0%	0%	0%	0%	83%	10%	3%	5%	0%	0%	0%
Garowe	0%	0%	2%	0%	0%	0%	0%	2%	61%	37%	0%	0%	0%	0%	28%	0%	3%	70%	0%	0%	0%
Hargeisa	0%	2%	10%	35%	0%	0%	0%	2%	6%	39%	8%	0%	0%	33%	48%	2%	4%	13%	2%	0%	0%
Hudur	0%	2%	2%	0%	0%	2%	0%	21%	70%	19%	0%	49%	0%	4%	4%	2%	11%	38%	11%	2%	34%
Jowhar	8%	1%	0%	7%	0%	0%	0%	18%	49%	15%	13%	3%	2%	5%	5%	0%	8%	64%	66%	0%	14%
Kismayo	0%	3%	11%	0%	8%	8%	8%	13%	29%	42%	3%	0%	0%	3%	39%	3%	24%	36%	21%	3%	6%
Laascaanood	0%	0%	18%	0%	18%	0%	9%	0%	36%	45%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%
Mogadishu	1%	1%	9%	3%	0%	0%	0%	12%	3%	71%	3%	7%	7%	9%	62%	7%	5%	19%	7%	0%	0%
Qardho	0%	0%	10%	0%	0%	0%	0%	10%	20%	70%	0%	0%	0%	11%	89%	0%	0%	0%	0%	0%	0%



Percentage of vendors reportedly affected by each barrier, per location (part 2)

Location	Non-security Barriers													Security Barriers									
	Carry from storage	Contamination	Don't know	Expiry	Govt restrictions	None	Prefer not to answer	Rotting	Supplier curfew	Supplier limited supply	Supplier none	Supplier out stock	Supplier unwilling	Bombing	Detention	Don't know	Gun	None	Prefer not to answer	Popular tension	Shop market closure govt	Theft	
All	3%	0%	1%	0%	0%	70%	0%	1%	0%	0%	0%	4%	0%	0%	0%	5%	0%	71%	0%	0%	0%	0%	
Badhan	10%	0%	0%	0%	0%	70%	0%	0%	0%	0%	0%	20%	0%	0%	0%	0%	0%	70%	0%	0%	0%	30%	
Baidoa	9%	6%	13%	8%	0%	45%	17%	4%	0%	13%	4%	2%	4%	0%	2%	21%	0%	45%	4%	0%	4%	28%	
Beledweyne	0%	4%	4%	3%	0%	73%	4%	1%	0%	3%	0%	5%	3%	0%	0%	10%	1%	79%	3%	1%	0%	5%	
Berbera	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	67%	0%	0%	0%	0%	
Bossaso	2%	0%	5%	0%	2%	81%	2%	0%	0%	2%	2%	5%	0%	0%	0%	19%	0%	81%	0%	0%	0%	0%	
Burao	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	20%	0%	80%	0%	0%	0%	0%	
Burtinle	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	
Ceelbarde	0%	21%	0%	13%	4%	4%	0%	0%	0%	4%	63%	50%	0%	4%	0%	17%	0%	46%	8%	0%	4%	21%	
Dhobley	4%	4%	1%	0%	4%	14%	0%	1%	3%	60%	57%	59%	9%	0%	3%	0%	0%	73%	1%	0%	21%	3%	
Dinsoor	8%	17%	0%	8%	0%	75%	0%	13%	0%	0%	0%	0%	4%	8%	0%	8%	4%	79%	0%	8%	0%	0%	
Dolow	3%	3%	3%	3%	0%	59%	14%	3%	0%	11%	3%	14%	5%	0%	0%	5%	8%	65%	5%	3%	14%	0%	
Dusamareb	6%	0%	6%	9%	12%	61%	6%	9%	0%	3%	0%	3%	0%	6%	18%	3%	9%	52%	6%	21%	12%	9%	
Erigavo	14%	0%	0%	0%	14%	57%	0%	29%	0%	43%	14%	43%	0%	0%	14%	0%	14%	57%	0%	14%	0%	43%	
Galkayo	0%	0%	4%	0%	0%	91%	2%	0%	0%	0%	0%	0%	2%	2%	0%	2%	0%	93%	2%	0%	0%	0%	
Garowe	7%	0%	7%	0%	0%	87%	0%	0%	0%	0%	0%	0%	0%	0%	2%	9%	0%	85%	0%	0%	2%	0%	
Hargeisa	0%	0%	33%	2%	0%	57%	8%	0%	0%	0%	0%	0%	0%	0%	0%	31%	0%	69%	0%	0%	0%	0%	
Hudur	38%	38%	0%	9%	0%	43%	0%	23%	0%	0%	0%	0%	0%	19%	0%	0%	38%	40%	2%	0%	0%	34%	
Jowhar	17%	13%	19%	1%	1%	22%	4%	35%	0%	14%	4%	10%	14%	1%	1%	15%	4%	19%	15%	1%	1%	42%	
Kismayo	5%	3%	0%	3%	0%	63%	0%	0%	8%	16%	0%	11%	3%	3%	0%	8%	0%	68%	3%	11%	8%	5%	
Laascaanood	0%	0%	0%	0%	0%	82%	0%	9%	0%	0%	0%	9%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	
Mogadishu	0%	1%	7%	0%	0%	82%	4%	3%	0%	0%	1%	1%	0%	1%	7%	4%	0%	87%	0%	0%	0%	0%	
Qardho	0%	0%	0%	0%	0%	90%	0%	0%	0%	0%	0%	10%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	



METHODOLOGY

The WASH, Shelter, and Education clusters are responsible for the identification of partners, among cluster members, willing to contribute to the JMMI. The clusters also lead external coordination with the Humanitarian Country Team (HCT) stakeholders and government actors.

Cluster members identified as partners provide data collection capacity according to their access and availability, and support the study with sector-specific expertise.

REACH is responsible for leading the tools and analysis framework design, training of partners and technical support for data collection, supporting focal points in managing the field data collection, leads on technical data management and data cleaning, data analysis, and output production.

The geographic coverage area is determined by the access and capacity of partners. In order to maximize efficacy, certain markets are prioritized to reflect the areas in which cash transfer programs, particularly focused on NFIs, are planned or ongoing, as well as key supply chains for the main NFIs assessed. As of November 2020, the target locations were Badhan, Baidoa, Beledweyne, Berbera, Bossaso, Burao, Burtinle, Ceelbarde, Dhobley, Dinsoor, Dolow, Dusamareb, Erigavo, Galkayo, Garowe, Hargeisa, Hudur, Jowhar, Kismayo, Laascaanood, Mogadishu, and Qardho, although not all items are monitored in all locations listed above (see map on page 1).

A market mapping is conducted yearly in each of the selected locations, aiming to identify markets that are key to the clusters' programming. A market is defined in this case either as a single permanent market or as multiple shops located in close proximity to one another. Markets are selected in each location by partners, based on their size, location, and accessibility. While large, easily accessible, and centrally located markets are

preferred in general, partners are free to select other markets to best inform their cash programming.

Primary data is collected through key informant interviews (KIIs) with market vendors. In line with the purpose of the JMMI, only the prices of the cheapest available types are recorded for each item. In each assessed location, at least three prices per item need to be collected from different vendors to ensure the quality and consistency of the collected data. Considering water suppliers are less numbered, at least two prices need to be collected for communal, piped, and trucked water. Vendors should be retailers selling directly to consumers and are purposively selected based on the items sold, until the minimum number of prices is collected, or up to a maximum of 20-25 vendors per shop type (general NFIs, construction items, stationary items), and 5 water suppliers per location.

The data is collected by field staff from the cluster partners, trained on the methodology and tools by REACH. Data collection is conducted through the ODK Collect mobile application. Market data is published quarterly, stratified by location. During emergencies, rapid assessments are carried and published based on agreed necessity.

DATA PROCESSING

REACH performs data checks with the partners during and after the main data collection. These checks include duplicate interviews (same vendor interviewed more than once), unusually short interviews (according to the agreed minimal duration), various numerical outliers (particularly item prices), and translating and standardizing text fields.

The methodology used for price analysis and other numeric indicators is "location medians" or "medians-of-medians," whereby the median prices for each of all assessed items are calculated as medians within each assessed location and then the median of all of those locations is calculated to derive aggregated prices. This methodology

is designed to minimize the effects of outliers and differing amounts of data among assessed locations. Quartiles and outliers are reported only where relevant.

Non-numeric indicators of categorical values are calculated as proportions (percentages). Indicators based on yes or no questions are reported for all options. For questions that allow respondents to select more than one option, the sum of the percentages may exceed 100%.

Some indicators¹¹ are currently at an early experimentation phase, and were randomly included in a subset of interviews. They are based on a lower number of interviews, and should be considered only as indications for future rounds.

As vendors are selected purposively, findings are not statistically representative. All findings are **indicative only** for the time frame within which data was collected, and specifications may vary slightly between locations according to different brands available.

LIMITATIONS

In this second round of the JMMI, data was collected partially remotely to prevent the spread of COVID-19, using contact information from market vendors gathered in early June by the partners. This condition emphasized limitations that are expected when launching a coordinated initiative such as the JMMI.

Market monitoring can be challenging, especially through remote interviews. While questions are standardized across all locations, different variables might interfere with the quality of the data collected. It is important to keep in mind that some vendors might feel more or less inclined to share their actual experiences (fearing that the information shared might be used by competitors or otherwise against their business), while others might adjust their answers based on the expected effect that they will

have in humanitarian programming. Similarly, even though all enumerators received the same training, some might have more previous experience and be therefore more able to produce higher quality data. As the JMMI gradually manages to establish a stronger internal coordination and external relation with vendors, and longitudinal data becomes available, the accuracy of findings is expected to increase.

The interaction with market vendors is a key element affecting the quality of the data. Starting with remote interviews limited the capacity of partners to establish a relationship and explain to these vendors the goals of the JMMI in more detail. This could have also limited the enumerators' capacity to ensure that vendors felt that their concerns were observed and addressed.

Conducting remote interviews with preselected vendors also limited the capacity of enumerators to target specific vendors, according to the specific items sold. In that regard, item availability could have been reported with a degree of false negatives. In other words, items may wrongfully appear to be unavailable because enumerators had a limited pool of vendors to interview. On top of that, vendors were often not available for clarifications after the initial data collection period, which might have resulted in slightly skewed results.

As the subsequent rounds continue to shift back to face-to-face interviews, these limitations are expected to be minimized. Concurrently, as the JMMI evolves, a longitudinal perspective can offer steadier trends, which may help targeting specific points of contention.

NFIs are particularly challenging to standardize as they vary significantly in terms of types, brands, and specifications. The JMMI methodology aims to balance consistency and comparability considerations (precise definition needed) with geographical variations in availability (loose definition needed).

The markets selected by the partners are mostly large main markets, which may not be representative of rural areas. The names of the markets assessed in this round are next to each locations' introduction page.

NOTES

In all multiple choice questions, respondents could choose not to answer (Prefer not to answer) or report as not knowing the answer (Don't know). These responses were recorded and are reported separately, unless specified otherwise.

Some words, particularly "items" and "commodities" are used interchangeably.

Seasons are referred to using their names in Somali, as they are normally referred to in other publications. This is because the seasons are observed in accordance to meteorological events and might not coincide with the Western seasons¹². A rough equivalence with the seasons in the northern hemisphere would be Hagaa (summer), Deyr (autumn), Jilal (winter), and Gu' (spring). The two rainy seasons are Deyr and Gu'.

To access the complete terms of reference, access bit.ly/som-jmmi-tor

ENDNOTES

1. United Nations Office for the Coordination of Humanitarian Affairs (OCHA). [Somalia Humanitarian Response Plan 2020](#). January 2020.
2. World Food Programme (WFP). [Joint Market and Supply Chain Update](#) (weekly); Food Security and Nutrition Analysis Unit (FSNAU). [Market Update](#) (monthly); Cash Working Group (CWG). [Quarterly Dashboard](#) (quarterly).
3. Considering a normal distribution of prices, the standard deviation can be understood as the range within which 68% of prices are located. For example, if prices of one item present a standard deviation of 10 USD, then 68% of prices collected were within a 20 USD range. This could be 100-120 USD or 10-30 USD, so it's understandable that more expensive items are more prone to a higher standard deviation.
4. Experimental questions are asked randomly to a subset of the sample, in order to avoid long interviews with vendors. See #11
5. Menstrual hygiene management (MHM)
6. Prices are calculated from the median of at least 3 reported prices, for "general", "construction", and "stationary" items, or at least 2 reported items from water suppliers.
7. Inconclusive due to limited data available. In most cases, less than three prices are available from the current and/or previous round of data collection.
8. See #7.
9. REACH. Joint Market Monitoring Initiative - Factsheet Booklet August 2020
10. Seasons are referred to using their names in Somali, as they are normally referred to in other publications. A rough equivalence with the seasons in the northern hemisphere would be Hagaa (summer), Deyr (autumn), Jilal (winter), and Gu' (spring). The two rainy seasons are Deyr and Gu'. [More info here](#).
11. The only experimental questions reported in this report are the practice of barter and vendors' perception of the impact of CVA to prices (asked to 50% of the sample). Other questions not included here, due to the limited amount of data, are: items sold more frequently, currencies used by vendors with suppliers, condition of the route from their suppliers, and vendors' perception of gender-based consumer patterns.
12. Food Security and Nutrition Analysis Unit (FSNAU). [Climate](#). Last access Sep 17, 2020

Acronyms and Abbreviations:

CVA	Cash and Voucher Assistance
CWG	Cash Working Group
DK	Don't know
ETB	Ethiopian Birr
FSNAU	Food Security and Nutrition Analysis Unit
HCT	Humanitarian Country Team
JMMI	Joint Market Monitoring Initiative
KII	Key Informant Interviews
MBP	Market-Based Programming
MHM	Menstrual Hygiene Management
MEB	Minimum Expenditure Basket
NA	Not available
NFI	Non-Food Item
PNTA	Prefer not to answer
SACCO	Savings and Credit Cooperative Organization
SOSH	Somali Shilling
SLSH	Somaliland Shilling
OCHA	United Nations Office for the Coordination of Humanitarian Affairs
USD	United States Dollar
WASH	Water, Sanitation and Hygiene
WFP	World Food Programme

Co-leads:



Participating agencies (November 2020):



Donor:

