

INTRODUCTION

The humanitarian response system in Somalia has mechanisms in place for rapid scale-up and sustained programming, including cash and voucher assistance (CVA). Despite the challenging context of COVID-19, 224.8 million USD was dispursed through CVA in Somalia by the end of November 2020. The use of CVA, through multi-purpose cash assistance and sectoral cash, is expected to rise throughout 2021, as it remains an effective means of delivering aid¹.

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 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. Atypical circumstances due to the ongoing COVID-19 pandemic, have increased both the demand for an updated monitoring of a broad range of NFIs, and the limitations faced when collecting primary data.

Twenty additional items were added to the JMMI in November 2020, in collaboration with the Somalia Education Cluster, to respond to persisting information gaps on education-related expenses. As of the most recent round in February 2021, the JMMI continues to grow and improve, with partners working together, learning from experience, while delivering the best possible data with transparency and accuracy.

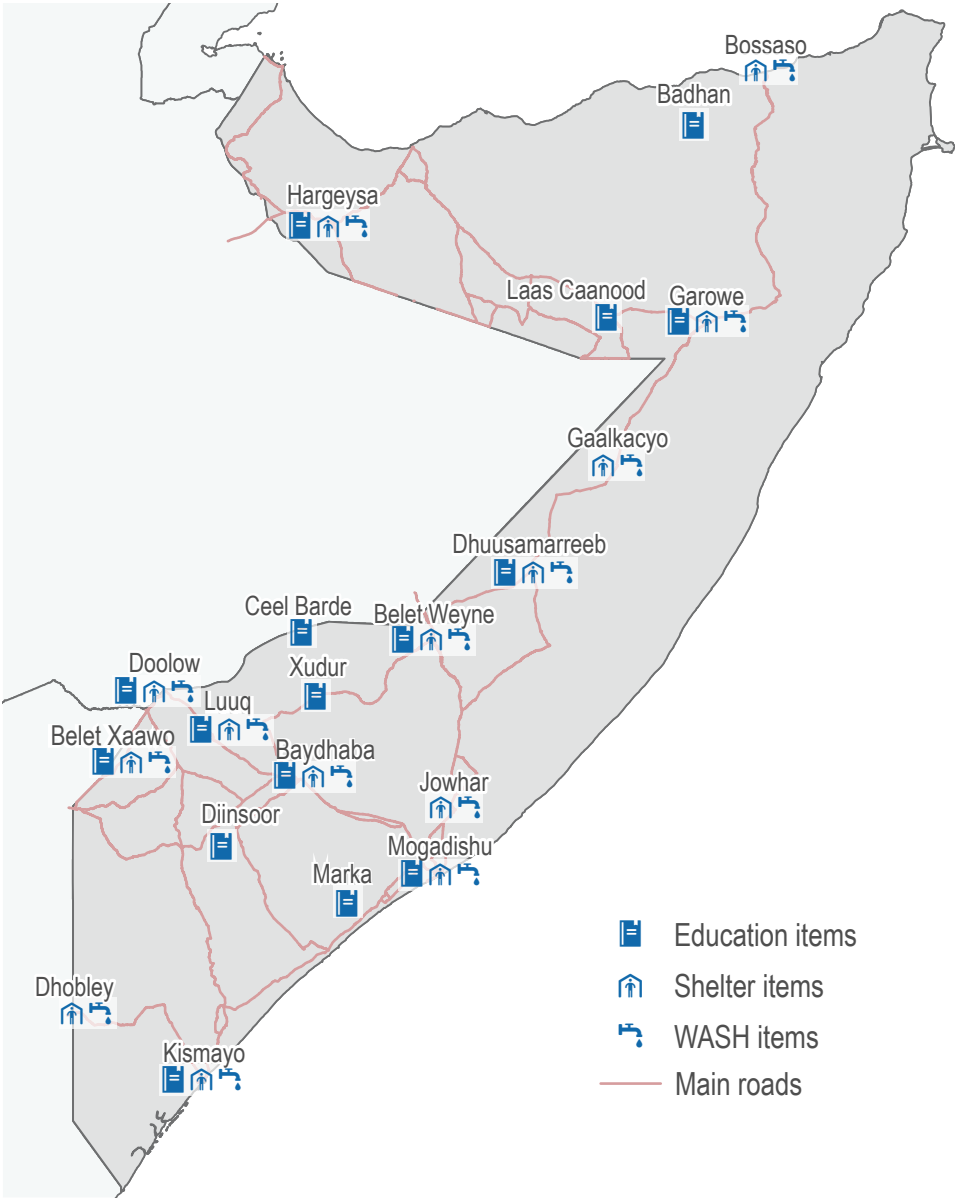
SUMMARY FROM THE CURRENT ROUND

24	participating agencies
20	assessed locations
73	assessed items
1230	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 February 2021, 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 (14 locations from a total of 20 assessed), followed by the SOSH (5 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: sand, white boards, and black boards. Another 7 items presented a standard deviation higher than 4 USD: trucked water, metal bars, face masks, wheelbarrows, gravel, timber, and vent pipes. 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 21% "don't know". In the previous round, these percentages were 10% and 34%, respectively. From those reporting "yes", 54% reported not accepting such offers. In the previous round, vendors slightly more commonly reported not accepting such offers (67%).

Currencies vendors reported primarily accepting in their shops, per location

Location	USD	SOSH	SLSH	ETB
All	97%	0%	0%	0%
Badhan	100%	0%	0%	0%
Baidoa	42%	58%	0%	0%
Beledweyne	99%	1%	0%	0%
Beletxawa	100%	0%	0%	0%
Bossaso	100%	0%	0%	0%
Ceelbarde	5%	0%	0%	95%
Dhobley	11%	89%	0%	0%
Dinsoor	6%	94%	0%	0%
Dolow	96%	0%	0%	4%
Dusamareb	100%	0%	0%	0%
Galkacyo	100%	0%	0%	0%
Garowe	100%	0%	0%	0%
Hargeisa	65%	0%	35%	0%
Hudur	38%	63%	0%	0%
Jowhar	0%	100%	0%	0%
Kismayo	74%	26%	0%	0%
Lascaanood	100%	0%	0%	0%
Luuq	100%	0%	0%	0%
Marka	100%	0%	0%	0%
Mogadishu	99%	1%	0%	0%
Mogadishu-Bondheere	100%	0%	0%	0%
Mogadishu - Hodan	81%	19%	0%	0%

Payment methods vendors reported accepting in their shops, per location

Location	Cash	Mobile	Voucher
All	97%	100%	3%
Badhan	33%	100%	0%
Baidoa	92%	72%	23%
Beledweyne	6%	100%	3%
Beletxawa	100%	96%	0%
Bossaso	75%	100%	12%
Ceelbarde	100%	100%	9%
Dhobley	97%	60%	0%
Dinsoor	100%	94%	0%
Dolow	99%	98%	1%
Dusamareb	100%	100%	69%
Galkacyo	30%	100%	4%
Garowe	100%	100%	29%
Hargeisa	100%	90%	20%
Hudur	100%	100%	0%
Jowhar	98%	100%	0%
Kismayo	100%	100%	2%
Lascaanood	45%	100%	0%
Luuq	62%	100%	1%
Marka	33%	100%	33%
Mogadishu	97%	99%	6%
Mogadishu-Bondheere	83%	94%	0%
Mogadishu - Hodan	78%	93%	4%

KEY

(both tables above)

0%  100%

Median prices of monitored items (USD)⁶ in February 2021 compared to previous round in November 2020 - General NFIs (part 1)

Item	Total Number of Vendors Assessed	Overall Median	1st Quartile*	3rd Quartile*	Baidoa	Beledweyne	Beletxawa	Bosaso	Dhobley	Dolow	Dusamareb	Galkayo	Garowe
Blanket 1.5m x 2.0m, polyester	79	5.50 ▲	4.62	6.00	5.25 ▲	4.50 ▼	5.50	7.00	4.00 ●	NA	6.00 ▼	6.00 ▲	15.50 x
Bowl 1 liter	89	1.87 ▼	1.64	2.00	1.75 ▲	2.00 ▼	1.75	2.00	1.60 ▼	1.82 x	2.60 ▲	2.00 ●	2.80 ▲
Bucket 10 liters	137	3.00 ▲	2.42	3.88	2.28 ▲	3.00 ▲	2.75	3.00	4.00 ▲	7.00 ▲	4.00 ▲	3.00 ▼	3.50 ●
Chlorine Tabs clear 10 L of water	26	2.02 ▼	2.00	2.70	3.00 ▼	2.00 ▲	2.00	NA	NA	NA	2.40 ●	NA	NA
Cooking Pot 5 liters	102	5.13 ●	5.00	6.43	5.25 ▼	6.20 ▲	7.00	5.00	4.80 ▼	7.25 ▲	5.50 ▲	5.00 x	6.50 ▲
Cooking Pot 7 liters	100	7.00 ▼	6.26	8.38	5.35 ▼	6.45 ▲	10.00	7.00	6.20 ▼	10.00 ▲	7.75 ▼	6.75 x	8.50 ▼
Cup 250ml	96	1.00 ●	1.00	1.00	1.00 ▲	1.00 ●	1.00	1.00	1.00 ●	1.00 ●	1.00 ▼	0.60 x	1.00 ▲
Jerry Can 20 liters, plastic	89	2.00 ●	1.85	2.00	1.85 ▼	2.00 ●	2.00	2.00	2.00 ▲	1.20 ▼	2.50 ▼	NA	3.00 ▼
Jerry Can 10 liters, collapsible	44	2.00 ●	1.58	2.03	1.20 ▼	2.00 x	NA	2.00	1.60 ▼	2.30 x	2.00 ●	NA	1.50 x
Jerry Can 10 liters, non-collapsible	54	2.00 ▲	1.55	2.00	1.80 ▼	2.00 x	NA	2.00	1.60 ▼	2.00 ▲	2.00 ▼	NA	1.50 x
Kettle 2 liters	115	4.50 ▲	3.81	4.95	4.50 ▲	3.75 ▲	5.00	5.00	4.80 ●	2.00 ▼	6.00 ▲	4.50 ▲	5.20 ▲
Knife medium	116	1.00 ●	1.00	1.00	1.00 ●	1.00 ●	1.00	1.00	1.00 ●	1.00 ●	1.00 ▼	1.00 ●	1.00 ▼
Lock unit	92	2.00 ▲	1.90	2.00	1.90 ▲	2.00 ▲	2.00	1.75	2.00 ●	1.91 ▲	2.00 ▲	1.50 ▼	4.75 ▲
MHM ⁵ disposable, pack 10-14 units	73	1.00 ▼	1.00	1.36	1.35 ▲	1.00 ●	NA	1.00	1.40 ▲	1.00 ▼	1.30 ●	1.50 x	1.50 ▲
MHM reusable, 5 units	26	1.50 ●	1.50	1.60	1.60 ▲	1.50 x	NA	1.50	1.60 x	0.80 x	1.60 ▼	NA	NA
Mosquito Net 1.8m x 1.6m x 1.5m	104	5.00 ▼	5.00	6.75	6.00 ▲	4.70 ▲	5.00	5.00	8.00 ●	4.95 ▼	7.00 ●	8.25 x	5.00 ▲
Mug unit	81	1.00 ●	0.79	1.00	1.00 ▲	0.75 x	1.00	1.00	1.00 ●	0.90 x	0.60 ▼	0.55 ▼	1.00 ▲
Face Mask box, 50 units	31	15.25 ▲	11.25	24.00	11.00 ▲	24.00 ●	25.00	NA	12.00 x	NA	25.00 ●	15.00 x	15.50 ●
Plastic Gloves box, 100 units	23	5.25 ▼	5.00	6.00	7.50 ▲	5.00 x	NA	5.00	6.00 x	NA	5.50 ▼	NA	6.00 x
Plastic Sheet 4m x 5m	47	9.50 ▲	8.67	10.00	9.00 ▲	21.00 x	8.00	10.00	10.00 ▼	8.50 ▼	7.00 ▼	NA	12.50 x
Plastic Sheet 6m x 7.5m	32	10.25 ●	10.00	11.40	11.00 ▲	NA	10.00	10.50	10.00 ▼	10.00 ●	10.00 ▼	NA	15.00 x
Plate 25cm diameter	108	1.58 ●	1.50	1.94	1.55 ▲	1.50 ●	1.50	2.00	1.60 ●	1.60 ▲	1.55 ▼	1.50 ▼	2.00 ▲
Rake unit	41	3.50 ▼	3.00	3.90	3.60 x	3.00 ▲	3.00	3.00	3.00 ▼	3.80 x	4.60 x	NA	NA
Serving Spoon 125ml	84	1.00 ●	1.00	1.24	1.25 ▲	1.00 x	1.00	1.00	1.40 ●	1.23 ▼	1.00 ▼	0.80 x	1.00 ▼
Sleeping Mat 1.8m x 0.9m	91	7.50 ▼	6.50	9.15	8.00 ▼	6.50 ▼	9.00	6.50	9.20 ●	4.50 ▼	8.00 ▼	10.00 x	5.50 x
Soap 3 small bars (150g)	119	1.50 ▼	1.15	2.00	2.00 ▼	1.50	1.00	2.00	1.20 ▼	0.75 ▼	1.70 ▼	2.00 x	1.00 ▼
Solar Lamp unit	20	3.75 ▲	3.00	4.00	4.00 ▲	3.00 x	NA	3.00	4.00 ▼	NA	4.00 ▲	NA	3.50 x
Spoon unit	72	1.00 ▲	0.51	1.00	0.50 ▲	1.00 x	1.00	1.00	1.00 ●	0.55 ▲	0.60 ●	0.45 x	0.20 ▼
Washing Powder 100 grams	96	0.20 ●	0.20	0.21	0.30 ▲	0.20 ●	0.20	0.20	0.20 ●	0.30 ▼	0.20 ●	0.20 x	0.20 ▲
Water 1 liter bottle	40	0.58 ▼	0.50	0.70	0.69 ▼	0.60 ▼	NA	0.70	0.80 ●	0.50 ▼	0.80 ▲	NA	0.35 ▼

PRICE CHANGE 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 change⁷
- x Inconclusive price, based on only one quote
- 1 Price outliers: prices with strong deviation (+2) to the overall median price

*1st Quartile and 3rd Quartile: the prices listed here represent the aggregated value for the the distribution of the 50% most common prices (25% of prices below and 25% of prices above the median, respectively)

Median prices of monitored items (USD) in February 2021 compared to previous round in November 2020 - General NFIs (part 2)

Item	Total Number of Vendors Assessed	Overall Median	1st Quartile*	3rd Quartile*	Hargeisa	Jowhar	Kismayo	Luuq	Mogadishu
Blanket 1.5m x 2.0m, polyester	79	5.50 ▲	4.62	6.00	43.00 ▼	4.62 ▲	5.50 x	5.00	3.00 ▲
Bowl 1 liter	89	1.87 ▼	1.64	2.00	1.00 ▼	1.92 ●	2.00 ▲	1.50	1.00 ●
Bucket 10 liters	137	3.00 ▲	2.42	3.88	4.00 ▲	2.31 ●	3.00 ▲	2.00	1.00 ▼
Chlorine Tabs clear 10 L of water	26	2.02 ▼	2.00	2.70	NA	2.02 x	2.00 x	NA	3.00 ▼
Cooking Pot 5 liters	102	5.13 ●	5.00	6.43	7.00 ▼	4.00 ▼	5.00 ▲	5.00	3.00 ▼
Cooking Pot 7 liters	100	7.00 ▼	6.26	8.38	10.00 ●	7.00 ●	5.00 ●	8.00	3.00 ▼
Cup 250ml	96	1.00 ●	1.00	1.00	1.00 ▲	0.96 ●	1.00 ●	1.00	0.80 ▲
Jerry Can 20 liters, plastic	89	2.00 ●	1.85	2.00	2.00 x	0.76 ▼	2.00 ●	2.00	0.76 ▼
Jerry Can 10 liters, collapsible	44	2.00 ●	1.58	2.03	2.00 x	2.12 x	2.00 ▲	2.40	1.00 x
Jerry Can 10 liters, non-collapsible	54	2.00 ▲	1.55	2.00	NA	0.38 ▼	2.00 ▲	2.00	1.00 x
Kettle 2 liters	115	4.50 ▲	3.81	4.95	3.00 ▼	4.00 ●	4.50 ▼	4.00	3.00 ▲
Knife medium	116	1.00 ●	1.00	1.00	1.00 ●	1.15 ●	1.00 ●	1.00	1.00 ▲
Lock unit	92	2.00 ▲	1.90	2.00	NA	1.92 ●	2.00 ▲	1.80	2.00 ●
MHM disposable, pack 10-14 units	73	1.00 ▼	1.00	1.36	NA	1.00 ▼	1.00 ▼	1.00	1.00 ●
MHM reusable, 5 units	26	1.50 ▼	1.50	1.60	NA	1.54 ▼	1.00 ▼	1.50	NA
Mosquito Net 1.8m x 1.6m x 1.5m	104	5.00 ▼	5.00	6.75	10.00 ▲	5.00 ▼	5.00 ▼	5.00	2.00 ▲
Mug unit	81	1.00 ●	0.79	1.00	1.00 ▲	1.15 ▼	1.00 ●	1.00	0.60 ▲
Face Mask box, 50 units	31	15.25 ▲	11.25	24.00	NA	24.00 x	NA	1.00	3.00 ▼
Plastic Gloves box, 100 units	23	5.25 ▼	5.00	6.00	NA	5.00 x	3.00 x	NA	NA
Plastic Sheet 4m x 5m	47	9.50 ▲	8.67	10.00	NA	8.85 x	10.00 x	9.50	NA
Plastic Sheet 6m x 7.5m	32	10.25 ●	10.00	11.40	NA	11.54 x	13.00 x	10.00	NA
Plate 25cm diameter	108	1.58 ●	1.50	1.94	1.00 ●	2.31 ▲	2.00 ▲	1.75	1.00 ▲
Rake unit	41	3.50 ▼	3.00	3.90	4.00 ▼	4.00 ●	NA	3.50	3.00 ▲
Serving Spoon 125ml	84	1.00 ●	1.00	1.24	2.00 ▲	1.00 ●	1.00 ●	2.00	1.00 ▲
Sleeping Mat 1.8m x 0.9m	91	7.50 ▼	6.50	9.15	9.90 ▲	7.00 ▼	7.00 ▲	10.00	5.00 x
Soap 3 small bars (150g)	119	1.50 ▼	1.15	2.00	NA	1.15 ▼	1.50 ▼	1.25	3.00 ▲
Solar Lamp unit	20	3.75 ▲	3.00	4.00	NA	NA	10.00 x	2.50	NA
Spoon unit	72	1.00 ▲	0.51	1.00	0.50 ▲	1.15 ●	1.00 ▲	1.00	1.00 ▲
Washing Powder 100 grams	96	0.20 ●	0.20	0.21	NA	0.23 ●	0.20 ●	NA	0.20 ●
Water 1 liter bottle	40	0.58 ▼	0.50	0.70	NA	0.58 x	0.50 ▼	0.50	0.50 x

PRICE CHANGEKEY

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

*1st Quartile and 3rd Quartile: the prices listed here represent the aggregated value for the the distribution of the 50% most common prices (25% of prices below and 25% of prices above the median, respectively)

Median prices of monitored items (USD) in February 2021 compared to previous round in November 2020 - Construction items and water suppliers (part 1)

Item	Total Number of Vendors Assessed	Overall Median	1st Quartile*	3rd Quartile*	Baidoa	Beledweyne	Beletxawa	Bossaso	Dhobley	Dolow	Dusamareb	Galkayo	Garowe
Brick 20cm x 20cm	19	0.65 ▲	0.50	0.76	0.50 x	0.50 x	NA	NA	0.65 x	0.78 ▲	0.70 ▲	0.55 ▼	1.00 x
Cement 50kg	118	8.25 ●	6.81	9.73	10.00 ▼	9.80 ●	9.50	7.00	8.00 ▼	10.50 ●	9.50 ●	8.50 ▲	6.30 ●
Gravel cubic meter	20	40.00 ▼	35.00	40.00	35.00 x	40.00 x	NA	NA	40.00 x	40.00 ▼	50.00 x	32.00 x	35.00 x
Gumboots one pair	32	10.00 ▲	9.50	10.00	10.00 ●	NA	9.50	NA	9.00 x	9.81 ▼	11.00 x	8.00 ▼	20.00 x
Hammer 0.5kg	109	3.04 ●	3.00	3.98	3.00 ●	3.00 ▼	3.50	3.00	4.00 ▼	3.92 ●	4.00 ▲	2.55 ▼	3.00 ●
Hinges 4 inches	70	7.50 ▼	6.00	8.75	8.00 ▼	8.00 x	4.00 x	9.00	9.00 x	6.00 ▼	10.00 ▼	8.00 ▼	7.00 ▲
Iron Sheet 0.9m x 1.5m	117	4.90 ▲	4.50	6.00	4.60 ▲	3.50 ●	6.00	4.50	6.00 ▼	6.47 ▲	4.00 ▼	5.20 ▼	6.75 ▲
Metal Bar 1 quintal, 6mm x 6m	42	6.75 ●	5.75	7.63	7.00 ▼	4.50 x	7.50 x	6.50 x	8.00 ▼	6.00 x	7.00 ▼	6.00 ▼	5.00 ▲
Metal Bar 1 quintal, 8mm x 6m	46	8.00 ▼	7.00	10.25	10.25 ▼	5.50 x	11.00 x	10.50 x	9.00 ▼	7.35 x	8.00 ▼	7.00 ▼	6.50 ▲
Nails 1 box, No.5 (1.5 inch)	117	2.00 ●	2.00	2.00	2.00 ▼	1.00 ▼	2.00	2.00	2.50 ▼	2.00 ▲	2.00 ▼	2.00 ●	1.50 ●
Nails 1 box, No.6 (2.5 inches)	115	2.13 ▼	2.00	2.50	3.00 ▼	1.00 ●	2.00	2.25	2.50 ▼	2.40 ▲	2.00 ▼	2.50 ▲	1.50 ●
Sand cubic meter	18	22.00 ▼	20.25	41.09	23.00 x	NA	NA	NA	NA	20.00 x	47.50 x	21.00 x	NA
Spade unit	103	3.00 ●	3.00	3.21	3.00 ▲	3.00 ●	3.00	3.00	3.00 ▼	3.10 ▼	6.00 ▲	2.70 ▲	3.25 ▲
Timber 5cm x 2.5cm, 4m long	62	5.00 ●	4.00	6.00	4.00 ▲	7.00 ▲	6.00 x	4.00	6.00 ▲	6.00 ●	5.00 ▲	3.70 ▲	5.00 ●
Timber 8cm x 4cm, 4m long	67	5.49 ▲	4.63	6.00	4.50 ●	6.50 ▲	5.00 x	4.10 x	6.00 ●	6.28 ●	6.00 ▲	5.60 ▲	4.00 ▼
Timber 10cm x 2.5cm, 4m long	59	5.75 ●	5.00	7.00	4.62 ▼	7.00 ▲	NA	5.50 x	5.00 x	6.57 ▲	7.00 ▲	7.00 ▲	4.75 ●
Vent Pipe 4m long	47	6.34 ●	6.00	9.00	5.50 ▲	5.00 ▼	8.00 x	6.60 x	8.00 ▲	6.88 x	18.00 ▲	6.00 ▼	13.00 ▲
Wheelbarrow unit	86	30.00 ▲	24.63	32.88	23.08 ▲	25.00 ▲	30.00	20.00	32.50 x	24.50 ▼	46.50 ▲	33.00 ▼	23.00 ▼
Wooden Pole 6m long	48	5.00 ●	4.50	5.63	4.50 ▲	NA	7.00 x	NA	4.00 ▼	5.00 x	6.00 ▲	4.50 ▼	5.00 ▲
Wood Saw 10 inches long	106	4.00 ●	3.00	4.00	3.00 ●	3.00 ▼	4.00	4.00	4.00 ▼	4.00 ●	4.00 ▼	3.00 ▲	5.50 ▲
Communal water 20 liters	68	0.10 ▲	0.08	0.10	0.09 ▲	0.10 x	0.07	NA	0.08 ●	0.20 ▲	0.10 x	0.10 ▲	0.10 ●
Piped water 1000 liters	230	1.52 ●	1.46	1.81	1.54 ●	1.75 ▼	2.00	2.00	1.60 ▼	2.00 ▲	1.00 ●	1.00 x	1.50 x
Trucked water 1000 liters	82	4.00 ▲	3.00	16.00	4.00 ▲	3.00 ●	20.00	3.00	2.50 x	18.00 ▼	3.00 ▲	3.00 ▼	10.00 ▲

PRICE CHANGE KEY

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- Minor change (-5% to 5%)
- ▼ Small decrease (-5% to -30%)
- ▼ Medium decrease (-31% to -100%)
- ▼ Large decrease (< -100%)
- x Inconclusive change
- x Inconclusive price, based on only one quote
- 1 Price outliers: prices with strong deviation (+2) to the overall median price

*1st Quartile and 3rd Quartile: the prices listed here represent the aggregated value for the the distribution of the 50% most common prices (25% of prices below and 25% of prices above the median, respectively)

Median prices of monitored items (USD) in February 2021 compared to previous round in November 2020 - Construction items and water suppliers (part 2)

Item	Total Number of Vendors Assessed	Overall Median	1st Quartile*	3rd Quartile*	Hargeisa	Jowhar	Kismayo	Luuq	Mogadishu
Brick 20cm x 20cm	19	0.65 ▲	0.50	0.76	0.50 x	0.77 ▼	NA	0.75 x	0.50 ▲
Cement 50kg	118	8.25 ●	6.81	9.73	6.50 ●	10.00 ▼	6.75 ▲	8.00	6.50 ▼
Gravel cubic meter	20	40.00 ▼	35.00	40.00	NA	NA	NA	NA	NA
Gumboots one pair	32	10.00 ▲	9.50	10.00	10.00 x	NA	10.00 x	9.50	10.00 ▼
Hammer 0.5kg	109	3.04 ●	3.00	3.98	4.00 ●	3.08 ●	3.00 ●	4.00	3.00 ▲
Hinges 4 inches	70	7.50 ▼	6.00	8.75	6.00 ▲	6.92 x	6.00 ▼	4.00	11.00 ▼
Iron Sheet 0.9m x 1.5m	117	4.90 ▲	4.50	6.00	6.00 ●	3.56 ●	4.50 ▼	4.50	6.00 ▲
Metal Bar 1 quintal, 6mm x 6m	42	6.75 ●	5.75	7.63	5.00 x	NA	8.00 x	9.00	NA
Metal Bar 1 quintal, 8mm x 6m	46	8.00 ▼	7.00	10.25	6.00 ▲	NA	8.00 x	8.00	70.00 x
Nails 1 box, No.5 (1.5 inch)	117	2.00 ●	2.00	2.00	2.00 ●	2.12 ●	2.00 ▼	1.50	2.00 ▼
Nails 1 box, No.6 (2.5 inches)	115	2.13 ▼	2.00	2.50	2.00 ●	2.69 ▼	2.00 ▼	1.30	3.00 ▼
Sand cubic meter	18	22.00 ▼	20.25	41.09	NA	47.12 x	NA	NA	NA
Spade unit	103	3.00 ●	3.00	3.21	5.00 ▲	3.08 ▼	3.00 ▲	4.00	●
Timber 5cm x 2.5cm, 4m long	62	5.00 ●	4.00	6.00	24.00 ▲	4.62 ▲	4.00 ▼	6.50	4.00 x
Timber 8cm x 4cm, 4m long	67	5.49 ▲	4.63	6.00	12.00 ●	5.38 ▲	5.00 ▼	6.00	3.50 x
Timber 10cm x 2.5cm, 4m long	59	5.75 ●	5.00	7.00	16.25 x	5.77 ▲	5.00 ▼	5.75	3.95 ●
Vent Pipe 4m long	47	6.34 ●	6.00	9.00	6.00 x	NA	NA	12.00	6.00 ▼
Wheelbarrow unit	86	30.00 ▲	24.63	32.88	25.00 ▼	30.00 ●	31.00 ●	35.00	35.00 ▲
Wooden Pole 6m long	48	5.00 ●	4.50	5.63	5.50 ●	5.00 ▲	4.00 ▼	6.00	5.00 ●
Wood Saw 10 inches long	106	4.00 ●	3.00	4.00	4.00 ▼	3.85 ●	3.00 ●	4.00	3.00 ▲
Communal water 20 liters	68	0.10 ▲	0.08	0.10	1.50 x	0.08 x	0.08 x	0.08	0.26 ▲
Piped water 1000 liters	230	1.52 ●	1.46	1.81	NA	1.35 x	NA	1.50	1.50 ●
Trucked water 1000 liters	82	4.00 ▲	3.00	16.00	7.00 ▼	76.00 x	16.00 x	NA	1.00 ●

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Median prices of monitored items (USD) in February 2021 compared to previous round in November 2020 - Education items (part 1)

Item	Total Number of Vendors Assessed	Overall Median	1st Quartile*	3rd Quartile*	Badhan	Baidoa	Beletweyne	Beletxawa	Bossaso	Ceelbarde	Dinsoor	Dolow	Dusamareb
Bag <i>unit, polyester</i>	183	6.00 ▲	5.00	6.20	6.00 x	4.50 ▲	5.75 x	6.00	5.00 ●	6.00 ●	6.40 ▼	6.00 ●	7.00
Blackboard Drawing <i>set</i>	82	5.00 ▲	4.50	6.00	5.00 x	2.00 ●	2.00 x	3.50	5.00 ▲	NA	NA	5.00 x	25.00 x
Blackboard <i>plywood</i>	63	30.00 ▲	24.00	35.00	NA	23.00 ●	35.00 x	25.00 x	30.00 ▼	NA	17.50 x	30.00 ▲	35.00
Calculator <i>unit</i>	206	12.00 ▲	10.50	12.84	12.00 ▼	11.00 ▼	10.50 x	20.00	12.00 ▲	12.37 x	NA	8.00 ▲	15.00
Chalk <i>box, 10 units</i>	189	4.00 ▲	2.56	4.38	4.00 ●	2.75 ▲	4.00 x	1.00	4.00 ●	NA	4.50 ●	3.00 ▲	4.00
Crayons <i>packet, 24 units</i>	122	1.00 ●	1.00	1.76	1.00 ▼	1.00 ●	1.00 x	1.00	1.00 ▼	NA	1.00 x	1.00 ▼	2.00
Duster <i>unit</i>	166	1.00 ●	1.00	1.00	1.00 ●	1.00 ▼	1.00 x	1.00	1.00 ▼	NA	1.00 ▲	1.00 ▼	1.00
Exercise Book <i>100 pages, A5 size</i>	404	1.00 ●	0.88	1.00	0.50 ▼	0.97 ▲	0.50 x	1.00	0.50 ▼	0.95 ▲	1.00 ▲	1.00 ▼	1.00
Maps <i>set</i>	48	4.75 ●	4.00	5.88	NA	NA	5.25 x	NA	4.00 ▼	NA	4.50 x	4.00 x	0.75 x
Marker <i>unit</i>	240	0.73 ●	0.50	0.80	1.00 ●	0.50 ●	0.70 x	0.75	0.40 ▼	NA	0.48 ●	0.50 ▼	0.80
Math Set <i>set</i>	168	2.00 ▲	1.50	2.00	2.00 ▲	1.50 ▼	1.75 x	1.00	1.05 ▼	NA	NA	2.00 ▲	2.00 x
Paper <i>pack, 500 sheets A4 size</i>	249	5.00 ●	4.44	5.00	5.00 ●	4.00 ▼	5.00 x	5.00	5.00 ●	NA	5.00 x	6.00 ▼	6.00
Pencil <i>pack, 24 units</i>	309	2.00 ●	2.00	2.20	2.00 ●	2.00 ●	1.90 x	2.30	2.00 ●	2.26 x	2.00 ▼	2.00 ▼	2.50
Pens <i>10 units</i>	246	1.50 ●	1.03	1.56	2.00 ●	1.50 ▲	1.00 x	1.00	2.00 ▼	1.50 ▲	1.20 ●	2.00 ●	1.50 x
Register <i>unit, large</i>	167	4.00 ▲	4.00	4.86	4.00 ▲	4.00 ▼	4.00 x	4.00	3.50 ▼	NA	4.90 ▲	5.00 ▼	4.00
Rubber <i>unit</i>	207	0.15 ●	0.11	0.20	0.25 x	0.10 x	0.15 x	0.20	0.10 ▼	0.09 ▼	1.00 ▲	0.20 ▼	0.20
Ruler <i>unit, 30 cm long</i>	211	0.35 ●	0.32	0.40	0.50 ●	0.32 ▲	0.30 x	0.40	0.30 ▼	0.33 x	0.40 x	0.40 ▼	0.30
Scissor <i>unit, medium</i>	199	1.00 ▲	0.50	1.00	0.50 x	1.00 ▼	0.50 x	1.00	0.50 ▼	1.00 x	0.56 ▼	0.50 ▼	0.50
Sharpener <i>unit</i>	221	0.13 ▲	0.11	0.17	0.07 x	0.13 ▲	0.10 x	0.20	0.10 ▼	0.10 x	0.12 ●	0.20 ▼	0.15
White Board <i>aluminum</i>	90	46.75 ▲	37.63	50.00	100.00 x	43.50 ▼	38.00 x	40.00 x	59.50 ▲	NA	NA	37.50 ▼	50.00

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Median prices of monitored items (USD) in February 2021 compared to previous round in November 2020 - Education items (part 2)

Item	Total Number of Vendors Assessed	Overall Median	1st Quartile*	3rd Quartile*	Garowe	Hargeisa	Hudur	Kismayo	Laascaanood	Luuq	Marka	Mogadishu Bondheere	Mogadishu Hodan
Bag <i>unit, polyester</i>	183	6.00 ▲	5.00	6.20	5.00 ●	10.00	6.00 ▼	8.00	7.00 ▲	4.00	4.00 x	5.50	5.25
Blackboard Drawing <i>set</i>	82	5.00 ▲	4.50	6.00	7.00 ▲	7.00	5.00 x	5.00	7.00 x	NA	NA	4.00	6.00
Blackboard <i>plywood</i>	63	30.00 ▲	24.00	35.00	32.00 ●	7.00	NA	26.00	7.00 x	25.00	NA	40.00	40.00
Calculator <i>unit</i>	206	12.00 ▲	10.50	12.84	10.00 ●	10.00	13.00 x	12.00	8.00 ●	11.00	14.00 x	10.50	12.00
Chalk <i>box, 10 units</i>	189	4.00 ▲	2.56	4.38	3.50 ▼	1.50	4.50 x	2.50	1.00 ▼	1.00	4.00 x	5.00	5.00
Crayons <i>packet, 24 units</i>	122	1.00 ●	1.00	1.76	1.00 ▼	1.76	1.00 x	1.00	1.80 ▲	NA	3.00 x	3.00	1.14
Duster <i>unit</i>	166	1.00 ●	1.00	1.00	1.00 ▼	0.59	1.00 x	1.00	1.00 ●	1.00 x	1.00 x	1.00	1.00
Exercise Book <i>100 pages, A5 size</i>	404	1.00 ●	0.88	1.00	1.00 ▲	0.59	1.00 ▲	1.00	2.00 ▲	0.80	1.00	2.00	2.00
Maps <i>set</i>	48	4.75 ●	4.00	5.88	7.00 ▲	7.00	NA	4.00	7.50 x	NA	NA	3.00	5.00
Marker <i>unit</i>	240	0.73 ●	0.50	0.80	0.45 ▼	3.00	1.00 ▲	0.80	0.80 ▲	0.50	0.75 x	1.00	0.50
Math Set <i>set</i>	168	2.00 ▲	1.50	2.00	1.15 ▼	1.53	3.00 x	1.50	1.50 ▲	2.00	3.00 x	4.00	2.00
Paper <i>pack, 500 sheets A4 size</i>	249	5.00 ●	4.44	5.00	4.25 ▲	5.00	6.75 x	5.00	5.00 ▲	5.50	5.00 x	3.00	4.00
Pencil <i>pack, 24 units</i>	309	2.00 ●	2.00	2.20	2.00 ▲	0.71	1.90 ▼	2.00	1.25 ▼	2.00	2.20 x	2.40	2.40
Pens <i>10 units</i>	246	1.50 ●	1.03	1.56	2.00 ▲	1.53	1.50 ▲	1.00	1.50 ●	1.25	1.60 x	1.05	1.00
Register <i>unit, large</i>	167	4.00 ▲	4.00	4.86	8.00 ▲	2.94	4.00 x	4.75	2.25 ▼	7.75	5.00 x	4.50	4.00
Rubber <i>unit</i>	207	0.15 ●	0.11	0.20	0.15 ▼	0.18	0.12 ▲	0.20	0.10 ●	0.20	0.11 x	0.11	0.12
Ruler <i>unit, 30 cm long</i>	211	0.35 ●	0.32	0.40	0.35 ▲	4.00	0.34 ▲	0.30	4.00 ▲	0.35	0.35 x	0.40	0.40
Scissor <i>unit, medium</i>	199	1.00 ▲	0.50	1.00	1.00 ▼	1.00	0.85 ▲	0.50	1.00 ▲	1.00	0.50 x	1.00	1.00
Sharpener <i>unit</i>	221	0.13 ▲	0.11	0.17	0.18 ▲	0.18	0.12 ●	0.20	0.10 ●	0.15	0.11 x	0.11	0.16
White Board <i>aluminum</i>	90	46.75 ▲	37.63	50.00	60.00 ▲	13.00	NA	36.00	23.00 ▼	NA	NA	50.00	50.00

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STOCK AND CREDIT

While the aggregate results presented on pages 10-15 seemingly 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 stationary items were more commonly reported to be difficult to restock in the three-month period prior to data collection than general NFIs or construction items. Indeed in Bossaso, all assessed stationary items faced risk of a shortage (restocking time is longer or equal to stock duration). Vendors also reported difficulties restocking most stationary items in Dinsoor, Hudur, and Mogadishu Hodan. In these districts, reports of vendors facing a transportation related supply barrier were high, with 88% of vendors in Dinsoor, 97% in Hudur, and 93% in Mogadishu Hodan reporting such barriers.⁸

Exercise books and scissors were found to be at risk of stock depletion in 4 of the 19 locations where stationary items were assessed. For general NFI items, vendors in 9 out of 14 locations where these items were assessed reported difficulty in restocking face masks and chlorine tabs. Chlorine tabs were found to be at risk of stock depletion in 3 locations. Key construction items found to be at risk of stock depletion were metal bars (4 locations) and gumboots (3 locations)

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 (28%), family living in the same district (21%), and banks (7%) to be their most likely sources of credit in such situations. Conversely, more than one quarter (28%) 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 slightly lower (24%). In Dinsoor, 94%

of vendors reported having no access to credit, an increase compared to the 75% of Dinsoor vendors who reported the same during the last round. In both Dolow and Dusamareb, 17% of vendors reported micro-finance as one of the sources of credit available to them.

Conversely, 68% 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 Beletxawa (86%), Garowe (86%), Badhan (83%), Dhobley (82%), and Dolow (77%).

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



53 USD is the median maximum amount that vendors reported allowing in credit for a single customer. 50% of values reported were between 34 - 82 USD.

90 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 50 - 100 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	28%	28%	7%	21%	4%	0%	0%	3%	0%	3%	0%	0%
Badhan	33%	33%	50%	33%	0%	0%	0%	0%	0%	0%	0%	0%
Baidoa	25%	36%	19%	28%	25%	1%	15%	6%	5%	10%	2%	5%
Beledweyne	24%	33%	20%	20%	14%	8%	0%	7%	13%	11%	3%	2%
Beletxawa	54%	5%	1%	39%	3%	0%	0%	3%	0%	0%	0%	0%
Bossaso	13%	33%	21%	2%	4%	2%	2%	0%	0%	2%	27%	0%
Ceelbarde	0%	27%	5%	50%	59%	0%	0%	5%	0%	0%	0%	0%
Dhobley	47%	33%	0%	15%	4%	0%	1%	1%	0%	3%	0%	0%
Dinsoor	94%	0%	0%	0%	0%	6%	0%	0%	0%	0%	0%	0%
Dolow	17%	20%	8%	45%	8%	4%	17%	0%	4%	4%	2%	4%
Dusamareb	20%	20%	3%	57%	14%	0%	17%	23%	11%	26%	0%	3%
Galkacyo	48%	26%	4%	22%	4%	0%	0%	4%	0%	4%	4%	0%
Garowe	14%	29%	43%	0%	0%	0%	10%	5%	0%	5%	5%	0%
Hargeisa	49%	16%	16%	18%	0%	12%	0%	2%	0%	0%	0%	0%
Hudur	44%	0%	0%	34%	9%	0%	6%	3%	0%	3%	0%	0%
Jowhar	2%	64%	26%	60%	53%	2%	11%	8%	19%	2%	0%	2%
Kismayo	32%	49%	2%	15%	9%	0%	2%	2%	0%	6%	0%	0%
Lascanood	18%	45%	55%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Luuq	23%	20%	0%	58%	47%	1%	0%	2%	1%	3%	0%	0%
Marka	67%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Mogadishu	54%	11%	8%	7%	1%	16%	1%	4%	0%	3%	1%	0%
Mogadishu-Bondheere	33%	33%	0%	11%	11%	11%	0%	0%	0%	0%	0%	0%
Mogadishu - Hodan	11%	33%	19%	7%	0%	11%	0%	7%	7%	11%	0%	0%

Stock conditions reported by vendors, per location (key below) - General NFIs (part 1)

Item	All			Baidoa			Beledweyne			Beletxawa			Bossaso			Dhobley			Dolow			Dusamareb			Galkacyo			Garowe			Hargeisa			Jowhar		
Blanket	25	4.5	0%	30	4.5	0%	20	6	11%	5	6	100%	60	7	0%	7	7	42%	55	45	100%	27.5	8	17%	30	4	29%	27.5	3.5	0%	10	1	0%	25	5	13%
Bowl	22	5	0%	21	4.5	0%	5	17	0%	13.5	2	0%	50	7	11%	10	7	38%	45	27.5	0%	27.5	8	0%	30	1	0%	30	3	0%	30	1	0%	22.5	5	10%
Bucket	25	5	7%	23	3.5	7%	10	6	0%	8.5	7	50%	30	10	0%	10	5	27%	52.5	30	25%	30	8	20%	30	1.5	13%	30	3	0%	30	1	0%	25	5	8%
Chlorine Tabs	22.5	8	33%	32.5	4	13%	25	30	67%	2	7	75%	NA			NA		NA	NA			20	9	17%	NA		30	3	0%	NA			32.5	6	25%	
Cooking Pot	20.5	5	0%	20.5	4.5	0%	17.5	7	0%	7	3	29%	35	7	0%	15	5	33%	37.5	30	0%	32.5	8	0%	20	1	0%	30	3	0%	30	1	0%	30	5	0%
Cup	20	5	0%	20	5	0%	4	6.5	0%	10	3	0%	42.5	5.5	0%	7	7	33%	52.5	28	0%	32.5	8	0%	30	2	20%	30	3	0%	30	1	0%	20	5	9%
Jerry Can	10	5	13%	10	5	50%	5	5.5	0%	3	5	60%	25	10	0%	7	5	46%	29	28	50%	30	7.5	17%	NA		30	3	0%	5	2	0%	31	5	9%	
Kettle	28	5	0%	30	5	0%	7.5	5	0%	10	2	43%	35	7	0%	15	5	31%	35	30	0%	30	8	0%	30	1	20%	30	3	0%	30	1	0%	26	6	14%
Knife	24	4.5	0%	21	5	0%	10	7	17%	10	3	0%	30	4	0%	11	5	29%	40	30	0%	32.5	8	0%	30	2	0%	30	3	0%	30	1	0%	26.5	5	10%
Lock	24	5	16%	30	4.5	13%	10	6	8%	30	2	0%	30	1	0%	10	5	22%	31.5	20	25%	30	7	20%	20	1	33%	27.5	3	0%	NA			40	5	20%
MHM	17.5	5	0%	15	3	82%	14	5	0%	NA			37.5	2	0%	7	5	20%	29	10	0%	20	9	57%	10	5	100%	30	3	0%	NA			30	5	20%
Mosquito Net	24	5	4%	30	5	0%	8	5.5	17%	2.5	7	75%	30	4.5	0%	15	5	26%	42.5	30	25%	25	8	14%	30	1	17%	27.5	3	0%	22.5	1	0%	25	5	8%
Mug	23	3.5	0%	21	4	11%	3	31.5	0%	10	3	0%	47.5	1.5	0%	9	5	36%	32.5	28	0%	25	8	0%	30	6	25%	30	3	0%	30	1	0%	31	5	0%
Face Mask	8	3	33%	42.5	3	33%	8	6	14%	2	6	75%	NA			7	7	100%	NA			20	8	33%	10	5	100%	30	3	0%	NA			3	2	50%
Plastic Gloves	20	7	17%	52.5	1.5	0%	2	4	0%	NA			40	15	0%	7	7	67%	55	30	50%	20	8.5	17%	NA		30	3	0%	NA			15	8	60%	
Plastic Sheet	23	6	27%	21	7	50%	2	5	50%	15	3	33%	45	7	0%	15	5	29%	45	35	50%	25	8.5	25%	NA		27.5	3	0%	NA			22.5	7.5	0%	
Plate	21.5	5	0%	18	4.5	0%	15	7	0%	9	3	14%	37.5	7	0%	12.5	5	36%	40	30	0%	33.5	8	0%	25	2	14%	30	3	0%	30	1	0%	30	5	9%
Rake	22	4	9%	26	4.5	0%	5	4	0%	9	1	0%	30	9	0%	7	7	100%	22	30	33%	37.5	6.5	17%	20	10	100%	30	3	0%	30	1	0%	30	5	9%
Serving Spoon	21	5	0%	21	4.5	0%	5	7	0%	5	5	33%	55	5	0%	10	5	46%	40	30	0%	32.5	8	0%	27.5	1	0%	30	3	0%	30	1	0%	30	5	0%
Sleeping Mat	25	5	0%	25.5	5	0%	8.5	5	13%	5	5.5	50%	55	1	0%	15	5	32%	46.5	30	0%	29	8	20%	45	1.5	0%	30	3	0%	25	1	0%	20	1.5	8%
Soap	19.5	4.5	3%	14	1	7%	6	4	9%	3	7	60%	30	1	0%	7	5	35%	25	27.5	0%	25	9	0%	10	1	100%	30	3	0%	NA			25	5	13%
Solar Lamp	31	6	23%	35	5	25%	22.5	4	0%	NA			28.5	5	0%	8	7	57%	55	30	0%	35	7	20%	NA		27.5	3.5	0%	NA			NA			
Spoon	24	4	0%	21	4	0%	32.5	34	0%	10	4	14%	50	3	0%	15	5	33%	40	30	0%	38.5	8	0%	27.5	3	0%	30	3	0%	30	1	0%	27	5	0%
Washing Powder	15	4.5	3%	10	1	7%	10	5	18%	10	2	0%	20	2	0%	7	4	22%	28	28	0%	20	8.5	0%	10	5.5	100%	30	3	0%	NA			25	5	5%
Water	10	4	6%	10	1	17%	2	4	0%	NA			30	1	0%	7	3	15%	13	8	0%	17.5	6.5	0%	NA		30	3	0%	15.5	1	0%	27.5	6	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 or equal to 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) - General NFIs (part 2)

Item	All			Kismayo			Luuq			Mogadishu		
Blanket	25	4.5	0%	12.5	7.5	0%	7.5	3	0%	10	2.5	0%
Bowl	22	5	0%	5	5	0%	14	3	0%	4.5	2	0%
Bucket	25	5	7%	5	5	0%	14	3	0%	5	2	9%
Chlorine Tabs	22.5	8	33%	12	5	100%	NA			7	14	40%
Cooking Pot	20.5	5	0%	10	5	0%	20	3	0%	4	2	17%
Cup	20	5	0%	6	5	0%	15.5	3	0%	5	2	0%
Jerry Can	10	5	13%	5.5	5	13%	10	3	0%	4	2	0%
Kettle	28	5	0%	5	8.5	0%	14	3	0%	4.5	2	10%
Knife	24	4.5	0%	5	5	8%	14.5	3	0%	4	2	9%
Lock	24	5	16%	7	6	0%	10	3	0%	6	2	33%
MHM	17.5	5	0%	10	10	0%	4.5	3.5	0%	5	2	0%
Mosquito Net	24	5	4%	10	5.5	0%	9	3	0%	3.5	2.5	0%
Mug	23	3.5	0%	5	5.5	0%	12	3	0%	4	2	17%
Face Mask	8	3	33%	NA			13.5	4	0%	3	2	0%
Plastic Gloves	20	7	17%	15	19	17%	NA			NA		
Plastic Sheet	23	6	27%	19	20	27%	8	3	0%	NA		
Plate	21.5	5	0%	5	5.5	0%	12	3	0%	5	2	10%
Rake	22	4	9%	NA			10	4	0%	5	2	25%
Serving Spoon	21	5	0%	5	8	0%	15	3	0%	5	2	0%
Sleeping Mat	25	5	0%	5	5	0%	9	3	0%	5	3	0%
Soap	19.5	4.5	3%	7	7	0%	25	3	0%	6	4	25%
Solar Lamp	31	6	23%	20	25	100%	8	4	0%	NA		
Spoon	24	4	0%	5	7.5	13%	14	3	0%	5	2	0%
Washing Powder	15	4.5	3%	5	5	0%	NA			5	2	18%
Water	10	4	6%	8.5	7	6%	17.5	3.5	0%	5	1.5	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

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- 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 (part 1)

Item	All			Baidoa			Beledweyne			Beletxawa			Bossaso			Dhobley			Dolow			Dusamareb			Galkacyo			Garowe			Hargeisa			Jowhar		
Brick	15	2	0%	6	2	0%	15	1.5	0%	NA	NA	NA	NA	NA	6	8.5	100%	6.5	5	0%	30	4	0%	45	2	0%	25	3	0%	5	2	0%	30	15	100%	
Cement	13.5	5.5	10%	10	7	0%	12	6	0%	15	5	60%	50	1	14%	11	8.5	25%	10	10	0%	30	7	0%	15	5	14%	27.5	3.5	0%	12	2.5	0%	30	15	60%
Gravel	11.5	4	0%	3	1	0%	25	1	0%	20	5	0%	NA	NA	NA	7	7	100%	8	10	0%	30	4.5	0%	15	4	0%	25	3	0%	1	3.5	0%	NA	NA	NA
Gumboots	25	6	0%	30	7	0%	NA	NA	NA	20	4	60%	NA	NA	NA	6.5	7	50%	7.5	7.5	0%	35	7	0%	75	7	0%	25	3	0%	30	5	0%	NA	NA	NA
Hammer	11.5	5	0%	22.5	7	0%	12	34.5	0%	10.5	4	0%	60	1	9%	11	8.5	25%	10	7.5	0%	30	7	0%	34	6	0%	30	3	0%	10	4	0%	30	5	20%
Hinges	27.5	5.5	0%	30	7	0%	12	6	0%	3	2	0%	60	1	0%	5.5	8.5	50%	10	9	0%	30	7	0%	30	7	0%	25	3	0%	30	1.5	25%	50	5	0%
Iron Sheet	14.5	6.5	7%	10	7	0%	10	6	0%	15	7	43%	25	60	0%	11	8.5	25%	10	9	0%	30	7	0%	35	5	67%	25	3.5	0%	14	2	7%	28	6	50%
Metal Bar	24	5	0%	25	7	0%	6	62.5	0%	10	5	0%	32.5	23	0%	11	9.5	50%	10	10	0%	30	7	0%	80	5	40%	27.5	3.5	0%	2	5	0%	NA	NA	NA
Nails	16.5	5.5	0%	20	7	0%	6	62.5	0%	12.5	3.5	0%	40	1	11%	8.5	8	25%	10	9	0%	30	7	0%	40	5	14%	27.5	3.5	0%	9.5	2	6%	30	6	17%
Sand	8	2	0%	3	1	0%	NA	NA	NA	30	30	0%	NA	NA	NA	NA	NA	NA	8	8	0%	30	3	0%	30	1	0%	25	3	0%	NA	NA	NA	6.5	21	100%
Spade	15	5	0%	15	7	0%	15	7	0%	10	5	14%	55	1	0%	11	7	25%	10	9	0%	40	7	0%	60	6	0%	27.5	3.5	0%	20	2	14%	30	5	17%
Timber	11	7	0%	10	7	0%	7	60	20%	5	1	0%	50	30	0%	11	7	25%	10	9	0%	35	7	0%	45	5	0%	27.5	3.5	0%	4	5	11%	30	5	20%
Vent Pipe	19.5	7	0%	20	7	0%	7	65	0%	12.5	3	0%	37.5	18	50%	11	8	25%	10	9	0%	30	7	0%	6	7	0%	30	3	0%	14	1	0%	NA	NA	NA
Wheelbarrow	25	6	0%	30	7	0%	17.5	16	0%	25	6	67%	60	1	0%	5	7.5	50%	10	9	0%	32.5	7	0%	80	7	0%	30	3	0%	25	3.5	13%	30	5	0%
Wooden Pole	15.5	7	7%	15	7	0%	2	2	0%	10	1	0%	NA	NA	NA	15	10	33%	10	8	0%	32	7	0%	30	2	20%	35	3	0%	4	2	0%	30	10	33%
Wood Saw	13	5	0%	17.5	7	0%	10	7	0%	15	5	33%	40	40	33%	11	9.5	50%	10	9	0%	32.5	7	0%	50	5	0%	25	3.5	0%	8	2	7%	40	5	20%
Communal water	5	2	25%	5	1	0%	15	6	0%	8.5	2	83%	NA	NA	NA	1	1	71%	4.5	4	68%	0	0	0%	0	0	0%	5	1.5	50%	1	1	0%	5	1	0%
Piped water	5	2	17%	7	1	0%	7	7.5	0%	10	2	100%	50	1	0%	3	3	50%	3	3	74%	0	0	0%	0	0	0%	85	1	0%	NA	NA	NA	60	3	0%
Trucked water	3	1	33%	3	2	0%	3	2	33%	15	1	100%	60	1	0%	2	1	33%	5	4	71%	0	0	0%	0	0	0%	60	1	0%	1	1	50%	1	2	100%

HOW TO READ THIS TABLE

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- Median reported estimated days of stock left

KEY

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Stock conditions reported by vendors, per location (key below) - Construction items and water suppliers (part 2)

Item	All			Kismayo		Luuq		Mogadishu				
Brick	15	2	0%	NA		25	4	0%	5	2	0%	
Cement	13.5	5.5	10%	8.5	10	17%	17.5	3	0%	5	2	6%
Gravel	11.5	4	0%	NA		NA				4	1.5	0%
Gumboots	25	6	0%	3	15	0%	13.5	3	0%	5	2	0%
Hammer	11.5	5	0%	5	5	0%	10	3	14%	3	2	0%
Hinges	27.5	5.5	0%	7	7	0%	17	3	9%	3	2	0%
Iron Sheet	14.5	6.5	7%	12.5	10	33%	21.5	3	14%	4	2	8%
Metal Bar	24	5	0%	17.5	22	100%	24	3	9%	5	2	0%
Nails	16.5	5.5	0%	6	6	0%	24.5	3.5	13%	3	2	0%
Sand	8	2	0%	NA		NA				4	2	0%
Spade	15	5	0%	8.5	5	0%	5	3	11%	3.5	2	0%
Timber	11	7	0%	10	15	60%	18	3	17%	3.5	1.5	0%
Vent Pipe	19.5	7	0%	NA		19.5		3.5	8%	3.5	2	0%
Wheelbarrow	25	6	0%	15	15	33%	10	3	17%	3	2	0%
Wooden Pole	15.5	7	7%	10	7.5	50%	16	3	14%	5	2	0%
Wood Saw	13	5	0%	6	5	0%	5.5	3	8%	4	2	0%
Communal water	5	2	25%	7	16	25%	2	2	41%	5	2	0%
Piped water	5	2	17%	NA		3.5		3	48%	7	2	33%
Trucked water	3	1	33%	4	4	0%	NA		3		1	33%

HOW TO READ THIS TABLE

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

Item	All			Badhan			Baidoa			Beledweyne			Beletxawa			Bossaso			Ceelbarde			Dinsoor			Dolow			Dusamereb			Garowe			Hargeisa		
Bag	25	6	17%	15	1	0%	21	9.5	0%	5	3	0%	30	3	67%	4.5	15	20%	45	10	20%	30	7	80%	25	4	0%	30	14	20%	25	3	0%	30	1	14%
Blackboard Drawing	15	6	14%	40	1	100%	15	9.5	0%	60	7	0%	8.5	3	50%	2	15	67%	NA	NA	NA	NA	NA	NA	25	6	0%	30	14	0%	30	3.5	0%	30	1	14%
Blackboard	22.5	8.5	0%	NA	NA	NA	17.5	10	0%	60	14	0%	22.5	5	100%	4	17.5	25%	NA	NA	NA	35	37.5	100%	30	7	0%	30	10.5	0%	30.5	3	0%	30	1	14%
Calculator	25	5	14%	20	1	0%	15	7	16%	10	3.5	50%	25	2	86%	4.5	8	10%	20	7	50%	35	60	100%	30	7	0%	30	7	33%	25	3	0%	30	1	14%
Chalk	20	5	8%	25	1	20%	18	10	0%	14	7	0%	7	1	11%	4	12	20%	NA	NA	NA	30	8	67%	30	5	0%	30	7	0%	30	3	0%	30	1	14%
Crayons	14.5	5	7%	40	1	0%	21	10	7%	4	4	0%	7	1	43%	4	14	29%	NA	NA	NA	50	15	100%	30	6	0%	30	7	0%	30	3	0%	30	1	14%
Duster	21	6	8%	25	1	17%	21	7	0%	10	7	0%	7	2	33%	4	10	22%	NA	NA	NA	30	11.5	50%	25	7	0%	25	6	0%	33	3.5	0%	30	1	14%
Exercise Book	25	5	10%	25	1	0%	15	8	10%	1	3	64%	5	2	27%	4	10	27%	30	10	7%	35	9	71%	25	5	0%	30	8	0%	32	3	0%	30	1	14%
Maps	20	5	25%	NA	NA	NA	NA	NA	NA	35	4.5	0%	NA	NA	NA	3	11.5	25%	NA	NA	NA	40	15	100%	30	7	0%	30	10.5	0%	35	5	0%	30	1	14%
Marker	20	5	9%	25	1	20%	20	10	9%	10	3	0%	7	2	11%	4	10	22%	20	7	0%	30	10	73%	25	5	0%	30	7	0%	40	3	0%	30	1	14%
Math Set	19	4	11%	60	1	0%	21	8	5%	37	7	0%	7	1	27%	4	12	25%	NA	NA	NA	30	15	100%	30	6	0%	30	10.5	0%	41	3	0%	30	1	14%
Paper	20	4	9%	17.5	1	17%	21	10	4%	5	4	0%	20	3	67%	7	15	21%	NA	NA	NA	45	15	100%	21	5	0%	30	7	0%	31.5	3	0%	30	1	14%
Pencil	20	5	10%	30	1	20%	20	8	0%	2	4	38%	3	1	5%	4	10	18%	30	12	0%	30	10	64%	21	5	0%	30	7	0%	42	3	0%	30	1	14%
Pens	18.5	6	11%	30	1	0%	16	10	10%	1	4	55%	7	2	12%	4	14	27%	30	10	0%	30	10	71%	25	5	2%	30	7	0%	45	3	0%	30	1	14%
Register	19	5	23%	15	1	33%	20	7	9%	10	3	33%	7	3	83%	4	15	29%	NA	NA	NA	45	9	25%	30	7	0%	30	5	20%	39	5	0%	30	1	14%
Rubber	19.5	6.5	6%	20	1	0%	21	8	0%	17.5	6	0%	3	1	7%	4	12	20%	45	10	0%	40	10	63%	23	5	1%	30	14	0%	58.5	3	0%	30	1	14%
Ruler	19.5	4.5	10%	40	1	0%	22	8	3%	2	4	44%	7	1	33%	4	9.5	17%	40	7	50%	45	15	100%	21	5	0%	30	5.5	0%	35.5	3	0%	30	1	14%
Scissor	20.5	5	20%	38.5	1	0%	21	8	0%	2	3.5	33%	7	2	27%	10	16	25%	15	7	0%	30	10	71%	27	6	0%	30	14	0%	40	3	0%	30	1	14%
Sharpener	20	4	18%	20	1	33%	20	7	8%	2	3	46%	3	1	28%	4	8	18%	30	15	100%	40	10	67%	20	5	2%	30	7	0%	45	3	0%	30	1	14%
White Board	20.5	8	13%	30	2	0%	17	9	13%	10	7	0%	15	1	0%	4	14.5	33%	NA	NA	NA	30	16	100%	21	6	0%	30	12	17%	30	3	0%	30	1	14%

HOW TO READ THIS TABLE

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→ Median reported estimated days of stock left

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- 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			Hudur			Kismayo			Laascaanood			Luuq			Marka			Mogadishu Bondheere			Mogadishu Hodan		
Bag	25	6	17%	30	10	100%	7	10		30	2	0%	30	5	0%	60	2	0%	6	1	0%	16	11	80%
Blackboard Drawing	15	6	14%	30	30	100%	17.5	12	38%	30	2	0%	NA			NA			11	1	11%	14	11.5	67%
Blackboard	22.5	8.5	0%	NA			15	15	0%	25	2	0%	30	5	0%	NA			3	1	8%	16.5	14	58%
Calculator	25	5	14%	60	30	100%	35	10	50%	30	2	0%	30	5	0%	45	2	50%	5	1	8%	15	12	70%
Chalk	20	5	8%	0	12	100%	20	8	0%	30	2	0%	30	5	0%	30	1.5	0%	4	1	8%	18	8	64%
Crayons	14.5	5	7%	0	14	100%	12	11.5	0%	14.5	2	0%	NA			30	2	0%	7.5	1	10%	17.5	7.5	64%
Duster	21	6	8%	45	30	100%	20	15	0%	30	2	0%	12	3	0%	30	1.5	0%	3.5	1	8%	18	10	65%
Exercise Book	25	5	10%	30	14	100%	11	11.5	25%	30	2	0%	20	5	0%	30	2	0%	5	1	6%	14	15	53%
Maps	20	5	25%	NA			20	12.5	50%	59.5	2.5	0%	NA			NA			3	1	9%	20	14	75%
Marker	20	5	9%	0	10	100%	15	12.5	0%	20	2	0%	30	5	0%	30	2.5	50%	3	1	7%	20	18	56%
Math Set	19	4	11%	0	14	100%	17	13	33%	30	2	0%	30	5	0%	18.5	3	50%	3	1	8%	16	11	69%
Paper	20	4	9%	42.5	22	100%	23	15	33%	10	2	0%	30	5	0%	19	3	0%	7	1	9%	14	18	52%
Pencil	20	5	10%	30	14	100%	19.5	10	38%	13.5	2	0%	14	5	0%	30	2	0%	5	1	6%	15	15	52%
Pens	18.5	6	11%	25	10	100%	20	12	29%	15	2	0%	14	5	0%	30	1.5	0%	5	1	6%	17	13.5	50%
Register	19	5	23%	0	22	100%	17.5	13	33%	30	2	0%	30	5	0%	30	2.5	50%	16	1.5	0%	18	13.5	60%
Rubber	19.5	6.5	6%	14	10	100%	22.5	14	17%	15	2	0%	18	4	0%	30	2	0%	3	1	6%	13	15	73%
Ruler	19.5	4.5	10%	3.5	14	100%	10	10	14%	30	2	0%	20	4	0%	30	1	0%	4	1	6%	19	15	55%
Scissor	20.5	5	20%	10	10	100%	20	11	29%	27.5	2	0%	30	4	0%	30	1	0%	1	1	14%	16	12	77%
Sharpener	20	4	18%	11	10	100%	29	12	29%	18	2	0%	28	4	0%	30	1	100%	2.5	1	6%	20	16	61%
White Board	20.5	8	13%	NA			29	14	60%	60	2	0%	NA			30	1	0%	4	1	10%	20	20	59%

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 or equal to 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 (reported by 67% of vendors), followed by financial barriers (63%). 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 40% of vendors interviewed, followed by low purchasing power (36%). These percentages suggest a general increase from the previous round, where 27% and 22% of vendors interviewed reported the same barriers. However, it is important to consider that new locations were included in this round, and some locations included in the November round were not included in this one, which may have skewed the aggregated results.⁹ Other commonly reported barriers were suppliers with limited supply (10% of vendors), particularly in Marka (66%) and Dhobley (43%), and banks having limited cash. Theft during transport was reported as a barrier by 7% of vendors, particularly in Luuq (58%) and Hudur (47%).

When asked about the possible effect of CVA on prices, the largest proportion of vendors interviewed reported expecting no change in prices (37%), while 19% of vendors reported expecting an increase in price and 17% reported expecting a decrease in price.

Seasonality was reported by 48% of vendors as affecting their supply. Supply issues due to seasonality were particularly reported by vendors in Dhobley (93% of vendors), Jowhar (79%) , and Beletxawa (77%).

KEY

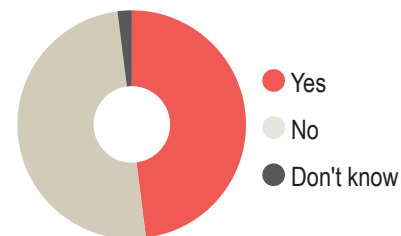
(table on the right)

0% 100%

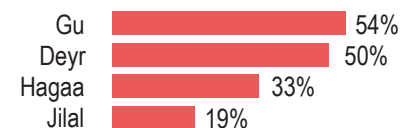
Percentage of vendors reporting different expected effects on prices, if CVA were to be distributed to the local population

Location	Price decrease	Price increase	No change to price	Don't know or
All	17%	19%	37%	0%
Badhan	50%	0%	0%	50%
Baidoa	9%	33%	58%	0%
Beledweyne	24%	10%	48%	17%
Beletxawa	100%	0%	0%	0%
Bossaso	28%	21%	38%	10%
Ceelbardle	0%	67%	33%	0%
Dhobley	0%	45%	55%	0%
Dinsoor	13%	75%	13%	0%
Dolow	2%	17%	79%	3%
Dusamareb	27%	45%	27%	0%
Galkacyo	36%	0%	9%	55%
Garowe	0%	25%	75%	0%
Hargeisa	0%	54%	35%	12%
Hudur	0%	0%	100%	0%
Jowhar	4%	31%	35%	31%
Kismayo	23%	14%	36%	27%
Lascaanood	25%	13%	63%	0%
Luuq	21%	3%	76%	0%
Marka	67%	0%	33%	0%
Mogadishu	7%	20%	57%	9%
Mogadishu Bondheere	8%	8%	75%	8%
Mogadishu Hodan	14%	43%	14%	29%

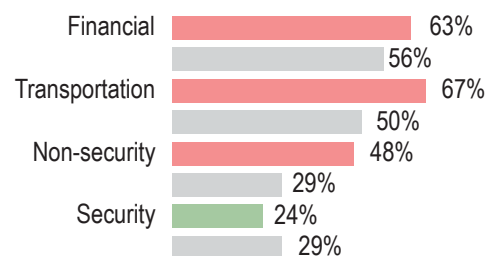
Percentage of vendors reporting facing greater supply issues in a particular season



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, in November 2020 (gray)



KEY

(graph above and table on the right)

● Increase from previous round

● Decrease from previous round

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

Location	Financial	Transportation	Non-security	Security
All	63%	67%	48%	24%
Badhan	17%	33%	50%	0%
Baidoa	44%	80%	26%	23%
Beledweyne	60%	75%	59%	39%
Beletxawa	56%	68%	38%	20%
Bossaso	58%	53%	38%	27%
Ceelbarde	82%	82%	64%	18%
Dhobley	68%	92%	57%	8%
Dinsoor	75%	88%	6%	6%
Dolow	80%	97%	49%	36%
Dusamareb	93%	88%	86%	27%
Galkacyo	78%	63%	65%	48%
Garowe	10%	0%	10%	5%
Hargeisa	20%	15%	12%	4%
Hudur	94%	97%	84%	91%
Jowhar	91%	86%	83%	68%
Kismayo	51%	55%	32%	26%
Lascaanood	73%	9%	18%	0%
Luuq	54%	97%	47%	62%
Marka	67%	33%	67%	33%
Mogadishu	36%	54%	37%	72%
Mogadishu Bondheere	61%	83%	61%	72%
Mogadishu Hodan	81%	93%	74%	81%

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%	3%	2%	0%	1%	0%	10%	36%	37%	0%	0%	1%	0%	33%	0%	5%	40%	6%	0%	6%
Badhan	0%	0%	0%	0%	0%	0%	0%	0%	17%	83%	0%	0%	0%	17%	67%	0%	0%	17%	0%	0%	17%
Baidoa	1%	6%	7%	2%	3%	7%	3%	3%	35%	56%	1%	24%	5%	1%	20%	1%	9%	71%	8%	1%	24%
Beledweyne	5%	5%	17%	11%	6%	6%	7%	16%	28%	40%	3%	6%	3%	13%	25%	4%	16%	49%	14%	5%	13%
Beletxawa	0%	0%	0%	0%	0%	0%	0%	34%	38%	44%	0%	0%	24%	0%	32%	0%	24%	62%	5%	0%	0%
Bossaso	0%	2%	12%	2%	2%	2%	0%	12%	38%	42%	2%	2%	0%	2%	47%	2%	2%	47%	0%	0%	0%
Ceelbarde	0%	0%	0%	5%	0%	0%	0%	5%	59%	18%	0%	0%	0%	5%	18%	0%	14%	68%	18%	0%	5%
Dhobley	0%	0%	3%	0%	0%	0%	3%	47%	51%	32%	1%	0%	0%	0%	8%	4%	0%	75%	54%	4%	8%
Dinsoor	0%	0%	0%	0%	0%	0%	0%	0%	75%	25%	0%	88%	6%	0%	13%	0%	13%	0%	6%	0%	6%
Dolow	11%	20%	20%	2%	2%	2%	1%	17%	34%	20%	1%	1%	2%	2%	3%	3%	49%	86%	42%	3%	3%
Dusamareb	0%	3%	11%	0%	3%	54%	6%	17%	74%	14%	0%	3%	3%	0%	53%	0%	31%	31%	9%	0%	25%
Galkacyo	0%	0%	0%	4%	0%	0%	0%	35%	52%	22%	4%	16%	32%	11%	37%	5%	47%	32%	0%	5%	21%
Garowe	0%	0%	0%	0%	0%	0%	0%	0%	10%	90%	0%	0%	0%	0%	100%	0%	0%	0%	0%	0%	0%
Hargeisa	0%	0%	6%	12%	0%	0%	0%	0%	0%	80%	2%	0%	0%	4%	85%	2%	2%	4%	0%	0%	0%
Hudur	0%	0%	0%	0%	0%	3%	0%	3%	94%	6%	0%	16%	0%	0%	3%	0%	88%	16%	0%	0%	6%
Jowhar	0%	0%	17%	4%	0%	9%	6%	32%	72%	9%	8%	10%	12%	0%	14%	2%	10%	78%	42%	0%	20%
Kismayo	2%	2%	15%	2%	0%	6%	0%	17%	30%	49%	0%	0%	5%	0%	45%	0%	7%	48%	26%	0%	5%
Lascanood	9%	0%	36%	0%	0%	0%	9%	0%	36%	27%	0%	0%	0%	0%	91%	0%	0%	9%	0%	0%	0%
Luuq	10%	2%	2%	0%	16%	8%	13%	10%	30%	46%	0%	15%	0%	0%	3%	0%	5%	81%	6%	1%	51%
Marka	0%	0%	0%	33%	33%	0%	0%	0%	33%	33%	0%	0%	0%	0%	67%	0%	0%	33%	33%	0%	0%
Mogadishu	0%	1%	2%	6%	1%	2%	1%	7%	14%	64%	6%	44%	39%	0%	17%	0%	39%	28%	11%	0%	11%
Mogadishu Bondheere	0%	0%	0%	11%	0%	6%	0%	22%	39%	39%	0%	30%	19%	15%	7%	0%	19%	30%	4%	0%	11%
Mogadishu Hodan	22%	7%	7%	11%	22%	7%	7%	11%	37%	19%	4%	2%	2%	0%	29%	0%	6%	32%	6%	0%	6%

KEY

0% 100%

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

		Non-security Barriers													Security Barriers									
Location		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%	2%	1%	2%	0%	52%	0%	0%	0%	10%	1%	9%	0%	0%	1%	1%	0%	76%	0%	1%	0%	7%	
	Badhan	0%	0%	0%	0%	0%	50%	0%	0%	0%	17%	0%	50%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	
	Baidoa	3%	5%	0%	1%	5%	74%	3%	0%	2%	8%	7%	3%	5%	10%	6%	1%	6%	77%	5%	1%	5%	10%	
	Beledweyne	10%	10%	15%	20%	3%	41%	6%	13%	1%	1%	1%	3%	2%	3%	8%	10%	10%	61%	2%	17%	11%	6%	
	Beletxawa	5%	0%	1%	2%	0%	62%	0%	0%	0%	32%	2%	3%	2%	0%	13%	0%	2%	80%	0%	1%	0%	6%	
	Bossaso	6%	0%	8%	2%	0%	62%	2%	2%	2%	6%	6%	8%	0%	0%	4%	12%	0%	73%	0%	2%	0%	10%	
	Ceelbarde	5%	0%	0%	0%	0%	36%	0%	0%	0%	14%	9%	41%	0%	0%	0%	5%	0%	82%	0%	0%	5%	9%	
	Dhobley	3%	0%	0%	1%	0%	43%	4%	3%	1%	43%	36%	31%	0%	0%	0%	0%	3%	92%	0%	3%	1%	1%	
	Dinsoor	0%	0%	6%	0%	0%	94%	0%	0%	0%	4%	63%	50%	0%	0%	0%	6%	0%	94%	0%	0%	0%	0%	
	Dolow	6%	12%	2%	12%	0%	51%	2%	6%	2%	24%	0%	8%	4%	0%	3%	5%	1%	64%	3%	1%	27%	0%	
	Dusamereb	26%	37%	0%	17%	0%	31%	0%	0%	0%	29%	0%	23%	0%	3%	3%	0%	0%	77%	0%	17%	0%	9%	
	Galkacyo	0%	13%	0%	0%	9%	35%	4%	0%	0%	13%	9%	30%	17%	9%	30%	0%	9%	52%	4%	26%	22%	9%	
	Garowe	0%	0%	10%	0%	0%	90%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	95%	0%	0%	0%	5%	
	Hargeisa	0%	0%	8%	0%	0%	88%	0%	0%	0%	0%	0%	2%	2%	0%	0%	4%	0%	96%	0%	0%	0%	0%	
	Hudur	3%	63%	6%	3%	0%	16%	0%	9%	0%	0%	3%	3%	0%	31%	0%	3%	19%	9%	0%	0%	0%	47%	
	Jowhar	58%	32%	0%	11%	0%	17%	8%	60%	0%	21%	2%	11%	0%	21%	15%	0%	4%	32%	26%	8%	0%	32%	
	Kismayo	4%	0%	2%	6%	0%	68%	0%	0%	0%	13%	9%	11%	4%	0%	0%	6%	0%	74%	4%	2%	2%	13%	
	Lascanood	0%	9%	0%	0%	0%	82%	0%	9%	0%	0%	0%	9%	0%	0%	0%	0%	0%	100%	0%	0%	0%	0%	
	Luuq	1%	26%	0%	38%	2%	53%	0%	27%	9%	5%	1%	9%	0%	6%	2%	0%	6%	38%	1%	4%	13%	58%	
	Marka	0%	0%	0%	33%	0%	33%	0%	0%	0%	67%	0%	33%	0%	0%	0%	33%	0%	67%	0%	0%	0%	0%	
	Mogadishu	17%	11%	22%	6%	0%	39%	6%	0%	0%	6%	0%	17%	6%	39%	50%	0%	0%	28%	0%	6%	6%	33%	
	Mogadishu Bondheere	4%	26%	4%	4%	11%	26%	0%	7%	11%	7%	0%	4%	4%	44%	19%	15%	4%	19%	0%	7%	7%	22%	
	Mogadishu Hodan	4%	6%	2%	2%	0%	51%	0%	0%	0%	8%	1%	9%	0%	0%	3%	1%	0%	74%	0%	2%	1%	9%	
		KEY <div><div></div>0%100%</div>																						



METHODOLOGY

The WASH, Shelter, and Education clusters are responsible for the identification of partners, among cluster members, willing to contribute to the JMML. 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 February 2021, the target locations were Badhan, Baidoa, Beledweyne, Beletxawa, Bossaso, Ceelbarde, Dhobley, Dinsoor, Dolow, Dusamareb, Galkayo, Garowe, Hargeisa, Hudur, Jowhar, Kismayo, Laascaanood, Luuq, Marka, and Mogadishu. 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 JMML, 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 numerous, 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. In locations with distinct markets (e.g. Mogadishu), the location

median is calculated before the overall median. 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 indicators 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 third round of the JMML, 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 JMML.

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 on humanitarian programming. Similarly, even though all enumerators received the same training, some might have more previous experience and might therefore be better able to produce higher quality data. As the JMML 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 JMML 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 JMML 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 JMML methodology aims to balance consistency and comparability considerations with geographical variations in availability.

The markets selected by the partners are mostly large urban 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 seasons. 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-jmml-tor

FEEDBACK

We are devoted to improving our outputs, so that we can continue supporting our partners and all actors within the humanitarian response. Please share your feedback related to this factsheet using [this link](#).

ENDNOTES

1. United Nations Office for the Coordination of Humanitarian Affairs (OCHA) [Somalia Humanitarian Response Plan 2021](#). February 2021.

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 #9

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. Supply chain issues due to blocked roads and other transportation barriers, particularly in Dinsoor and Hudur, have been documented throughout January and February of 2021 in the WFP weekly [Joint Market and Supply Chain update](#).

9. Locations included in the previous round and not included in this round were Berbera, Burao, Burtinle, Dhobley, Erigavo, and Qardo for stationary items. Newly added locations for this round of data collection included Beletxawa for all assessed items, Bossaso, Jowhar, and Luuq for general NFI and construction items, and Dusamareb, Luuq, Marka, Mogadishu Bondheere, and Mogadishu Hodan for stationary items.

10. 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.

11. Food Security and Nutrition Analysis Unit (FSNAU). Climate. Last access Mar 31, 2021

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 (February 2021):



Donor:

