## Sudan | Joint Market Monitoring Initiative (JMMI)

#### December 2023

#### INTRODUCTION

Given the rapidly changing humanitarian context in Sudan, the Joint Market Monitoring Initiative (JMMI) was established under the guidance of the Sudan Cash Working Group (CWG) to inform cashbased interventions and gain a deeper understanding of market dynamics in the country. The JMMI aims to inform marketbased programming in Sudan through monthly monitoring of prices of selected food and non-food items (NFI) as well as other critical market indicators.

Marketplaces across Sudan are assessed through two different channels: (i) in some state capitals, prices of food items are monitored by the World Food Programme (WFP)<sup>1</sup>, (ii) in other locations, prices and other critical market indicators are recorded every month by JMMI partners through interviews with purposively sampled retailers.

Data for the second round of the JMMI was collected from **December 3-13, 2023**.

The factsheet presents an overview of median prices for food and non-food items (NFIs) in the main markets of the localities assessed, a comprehensive breakdown of the cost of the interim Minimum Expenditure Basket (MEB), and the Market Functionality Score (MFS) for the markets assessed at locality level.

8Participating partners35Assessed localities623Key informants20Commodities assessed

#### **KEY INDICATORS**

Cost of MEB 219,566 SDG 368.21 USD <sup>2</sup> Monthly change since October 2023: V- 11,474 SDG V-5.23%	Cost of MEB with top-up items <sup>3</sup> 251,529 SDG 421.81 USD <sup>2</sup>	USD / SDG 601 SDG Monthly change since October 2023
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#### **Key Findings**

- Overall, the highest median cost of the Minimum Expenditure Baskets (MEB) were observed across assessed localities in the Greater Darfur region (South, West, East, and Central Darfur), with the highest median cost of the MEB recorded in Sharg Aj Jabal locality in South Darfur State (349,573 SDG) for the MEB with top-up items and in Kas in South Darfur without top-up items (410,618 SDG)
- The high median cost of the MEB observed in the Greater Darfur region may be attributed to the escalation of hostilities in Darfur following the outbreak of conflict in April 2023.<sup>4</sup> Additionally, in December 2023, the Darfur states hosted the highest proportion of Internally Displaced Persons (IDPs)<sup>4</sup>, underscoring the intersection of elevated prices and vulnerable populations, amplifying humanitarian needs. Conversely, in Gedaref, Al Jazirah, Sennar, and Blue Nile states fewer clashes were recorded in early December 2023, which potentially could explain the lower median MEBs recorded there compared to states in the Darfur region and South Kordofan.<sup>4</sup>
- The median cost of the **food items** in the MEB decreased by 8.83% from October 2023 (87,381 SDG) to December 2023 (80,289 SDG) across the assessed localities. This increase may be attributed to the notable reported price hikes of essential items such as sorghum. The most expensive food component of the MEB was reported in Kadugli in South Kordofan (167,576 SDG) and the lowest in Basundah in Gedaref (64,926 SDG).
- The median cost of the **non-food items** (NFI) in the MEB increased by 8.05% from October 2023 (62,994 SDG) to December 2023 (68,515 SDG) across the assessed localities. This surge may be attributed to the reported price hikes of essential household items such as gas refill, water supply, and hygiene items such as body and laundry soaps, which was also reported as the least available commodities. The most expensive NFI component of the MEB (without top-up items) was reported in Rabak (208,587 SDG) and the lowest in Aj Jabalain (23,413 SDG), both in White Nile.
- Overall, the markets tend to be of lowest functionality in the assessed markets in the Greater Darfur region, where almost all of the assessed markets scored less than 50 out of the maximum total score of 100. The findings from this assessment show that the resilience of the markets and the affordability of items negatively impacted the functionality of the markets. In contrast, for the markets assessed in the Eastern part of the country, almost all of the markets scored 70 or above.

<sup>3</sup> Top-up items in December included water container and gas cylinder.



<sup>&</sup>lt;sup>1</sup> In December these locations included Kadugli, Ed Damazine and Rabak. The mean prices of food items monitored by WFP has been used to calculate the median cost of the MEB at state and national level.

The figures used can be found in WFP Market Monitor for December 2023.

<sup>&</sup>lt;sup>2</sup> Exchange rate used is the average exchange rate of December 2023.

<sup>1 &</sup>lt;sup>4</sup> OCHA | Sudan Humanitarian Update (21 December 2023).

## **Market Functionality Score (MFS)**

The Market Functionality Score (MFS) is a method used to classify markets based on their level of functionality. The MFS can be used to supporting humanitarian actors to design market based interventions and programming based on the functionality of the markets. The MFS is calculated based on selected indicators across the five dimensions listed below. Each of the dimensions has been assigned different weights in the combined MFS.

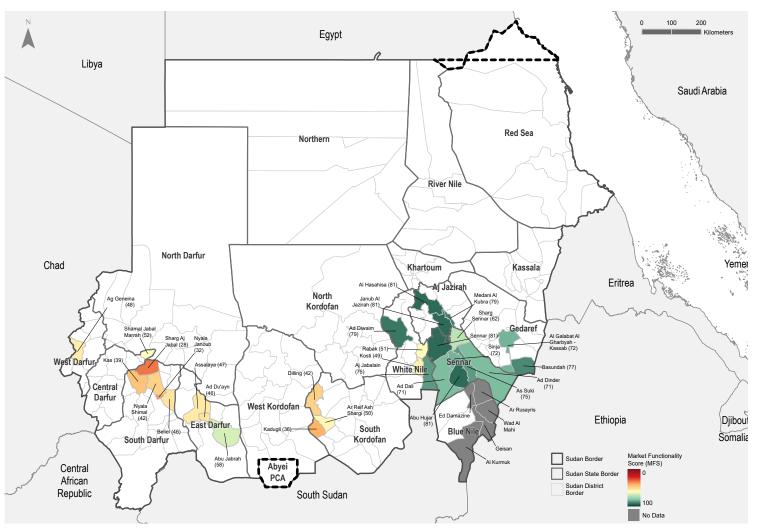
- Accessibility (25%): physical and social access to markets
- Availability (30%): ability of markets to consistently supply core commodities
- Affordability (15%): financial access to markets and price volatility
- Resilience (20%): vulnerability of supply chains and ease of restocking

#### **December 2023 MFS key findings**

Across all markets assessed, the functionality of the markets varied greatly. In assessed markets in the Greater Darfur region, the estimated market functionality score ranged from 25 - 49 (8 localities) to 50 - 58 (3 localities) out of the maximum total score of 100. Conversely, markets in the Eastern part of the country (Gedaref, Sennar, and White Nile) showed relatively better results, scoring from 51 to 81 (16 localities) of the maximum total score. In the two localities in White Nile (Rabak and Kosti) that have a MFS score of respectively 51 and 49, low market infrastructure seemed to have impacted the scores negatively.

These findings indicate that **markets in Darfur states may have lower functionality, which may impact on effective delivery of goods through cash-based interventions.** Conducting thorough market assessments before implementing cash interventions may be useful for these areas. However, it should be noted that the findings from this assessment should be seen in triangulation with other sources to assess whether cash-based interventions are recommended in any given market.

## MARKET FUNCTIONALITY SCORE PER LOCALITY



In the Greater Darfur region, the functionality of assessed markets is adversely affected by high prices of items and low market resilience. Finding from this assessment indicated that low accessibility (physical and safe access to market places) impacted the functionality of the markets assessed in the Greater Darfur region negatively. On the 'accessibility dimension' the assessed markets in the Greater Darfur region scored between 3 and 12 out of a maximum score of 25. In contrast, the assessed markets in Eastern Sudan scored between 19 an 25 on the accessibility, with an exception of the markets assessed in Rabak and Kosti, where a score of 6 was recorded for both. **Despite the relatively low MSF recorded across most of the markets assessed, findings also show that the items in the MEB generally remain available.** 

For a detailed overview of the MFS in Sudan, please refer to the Annex on the Market Functionality score on page 14.



Median

MFR with

Median

MFR with

Change

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Median

## Minimum Expenditure Basket (MEB)

The MEB represents the minimum culturally adjusted set of items required to support a six-person Sudanese household for one month. The cost of the MEB can be used as a proxy for the financial burdens facing households in different locations. The MEB's contents were defined by the CWG in consultation with relevant sector leads.

#### **Food items**

Product	Unit⁵	Quantity in MEB <sup>6</sup>
Sorghum	1 kilogram (kg)	81 kg
Onions	1 kilogram (kg)	9 kg
<ul> <li>Veg oil</li> </ul>	1 liter (L)	4.5 L
<ul> <li>Milk</li> </ul>	1 liter (L)	4.5 L
Cow meat	1 kilogram (kg)	0.9 kg
Goat meat	1 kilogram (kg)	0.9 kg
📥 Tomato paste	1 kilogram (kg)	4.5 kg

## Household & hygiene NFIs

	Product	Unit⁵	Quantity in MEB <sup>6</sup>
	LPG* refill	12.5 liters (L)	12.5 L
	Water refill	20 liters (L)	20L
ê	Body soap	125 grams (g)	12 bars
ô	Tooth paste	100 mililiters (mL)	1 tube
ê	Toothbrush	1 piece (pc)	1 piece
ê	Laundry soap	200 grams (g)	6 bars
ê	Liquid dish soap	600 mililiters (mL)	1 bottle
ô	Sanitary pads	8 pieces/package	3 packages
Ado	ditional Items	·	
	Charcoal	1 kilogram (kg)	60 kg <sup>3</sup>
	Firewood	1 kilogram (kg)	60 kg

\* Liquefied petroleum gas

3

## **Top-up items**

Although not considered components of the MEB, as they constitute one-time purchases for households, prices of water containers and gas cylinders are being monitored monthly, with the aim of assessing costs associated with a displacement or a loss of household assets.

Product	Unit⁴	Quantity in top-up
LPG* cylinder	12.5 liters (L)	1
Water container	20 liters (L)	1

\* Liquefied petroleum gas

#### **Fixed costs**

While not monitored monthly, the calculation of the MEB also encompasses fixed costs, accounting for essential household expenditures. The determination of the fixed costs relied on findings from the Food Security Assessment conducted by WFP.

ŝ	Medical expenses	16,489 SDG
E	Education	15,503 SDG
Ť	Clothes	66,620 SDG
_ ⇔	Transportation	9,547 SDG
(( <u>1</u> ))	Communication	3,603 SDG
Ψ.	Energy for lighting	19,000 SDG

## **December 2023 MEB key findings**

The cost of the median MEB without top-up items across the assessed localities revealed an **5.23% decreased compared to October 2023**, reaching a total cost of **219,566 SDG (368 USD)**. The decreased cost of the MEB can attributed to a decreased of the costs of food items composing the MEB (-9%). The **highest median cost of the MEBs were recorded in East and South Darfur and South Kordofan**.

It is important to highlight that the JMMI data collection for December 2023 occurred before the escalation of conflicts in Wad Madani, which may have implications for the evolution of prices and availability of monitored items in surrounding states<sup>8</sup>.

Location	MEB cost (SDG)	since Oct. 2023	MEB with top-up (SDG)	MEB with top-up (USD <sup>7</sup> )
Aj Jazirah				
Al Hasahisa	205,112	▼ - 31%	226,662	380
Janub Al Jazirah	233,224	▼ - 4%	285,974	480
Blue Nile				
Al Kurmuk	232,170	▼ - 30%	283,670	476
Ar Rusayris	251,720	▼ - 55%	294,470	494
Ed Damazine*	312,155	▲+ 24%	357,355	599
Geisan	236,755	▼ - 21%	288,255	483
Wad Al Mahi	189,877	▼ - 63%	241,127	404
Central Darfur				
Shamal Jabal	247,285	n.a	300,535	504
East Darfur				
Abu Jabrah	358,651	▲+ 44%	452,451	759
Ad Du'ayn	325,703	▼ - 95%	429,253	720
Assalaya	328,853	<b>▲</b> + 7%	431,853	724
Gedaref				
Al Galabat Al	193,802	▼- 17%	246,802	414
Gharbyah -				
Basundah	218,671	▼ - 4%	271,421	455
Sennar	210.220	A + 00/	226 100	270
Abu Hujar	218,238	<b>▲</b> + 8%	226,188	379
Ad Dali	215,499	▼ - 3%	227,249	381
Ad Dinder	240,718	<b>▲</b> + 51%	276,968	464
As Suki	233,713	▼- 53%	243,963	409
Sennar	239,875	<b>▼</b> - 92%	255,375	428
Sharg Sennar	253,791	▼- 48%	290,591	487
Sinja	237,339	▼ - 4%	266,589	447
South Darfur				
Beliel	309,348	▼- 94%	495,098	830
Kas	410,618	▲+ 33%	487,118	817
Nyala Janoub	294,938	▼- 92%	347,688	583
Nyala Shimal	317,088	▲+ 56%	399,838	671
Sharg Aj Jabal	400,347	▼- 92%	585,347	982
South Kordofan				
Ar Reif Ash Shargi	267,870	<b>▲</b> + 10%	320,620	538
Dilling	215,161	▲+ 29%	237,761	399
Kadugli <sup>*</sup>	298,482	<b>▲</b> + 10%	340,732	571
White Nile				
Ad Diwaim	228,434	<b>▲</b> + 6%	263,584	442
Aj Jabalain	164,276	▼ - 98%	184,376	309
Kosti	266,258	▼ - 82%	299,008	501
Rabak*	402,370	▲+ 73%	436,870	723
Overall	219,566	▼- 5.23%	251,529	422

\* Food items monitored by WFP.

- <sup>5</sup> Measurements taken using local units, then converted into kilograms/liters for each product considered.
- <sup>6</sup> Quantity designed to reflect the minimum needs of a six-person household in Sudan for one month.

Regional Sudan Response Situation Update | IOM | 12 December 2023



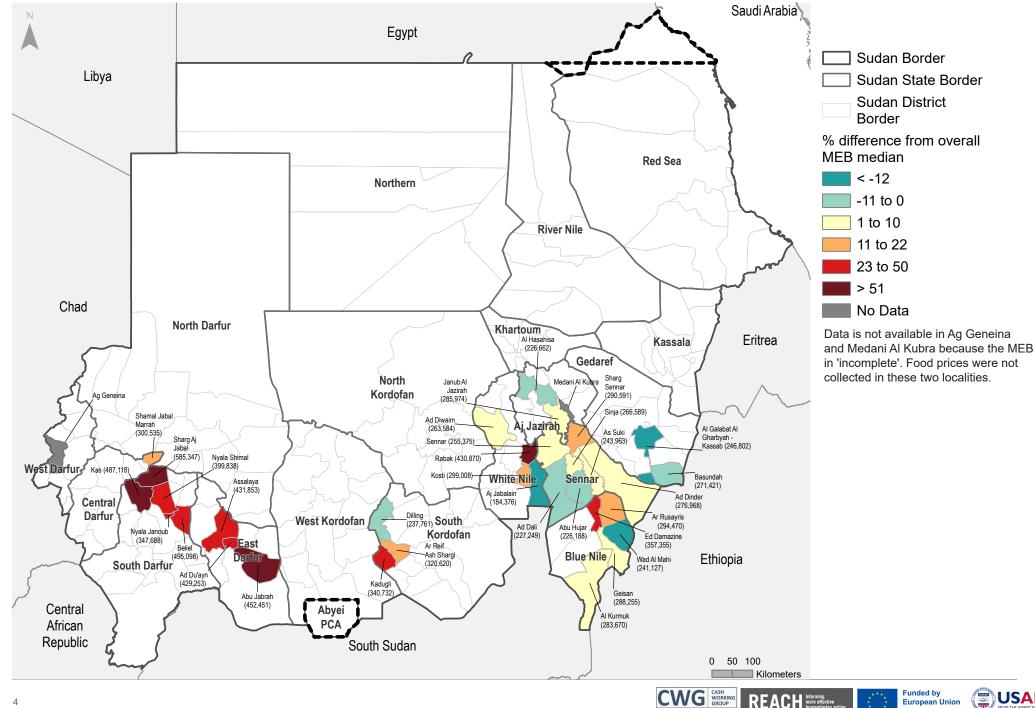
<sup>&</sup>lt;sup>7</sup> Exchange rate used is the average exchange rate of <u>December 2023</u>.

<sup>&</sup>lt;sup>8</sup> Sudan: Unraveling the Conflict Dynamic in Darfur | ACLED | December 2023;

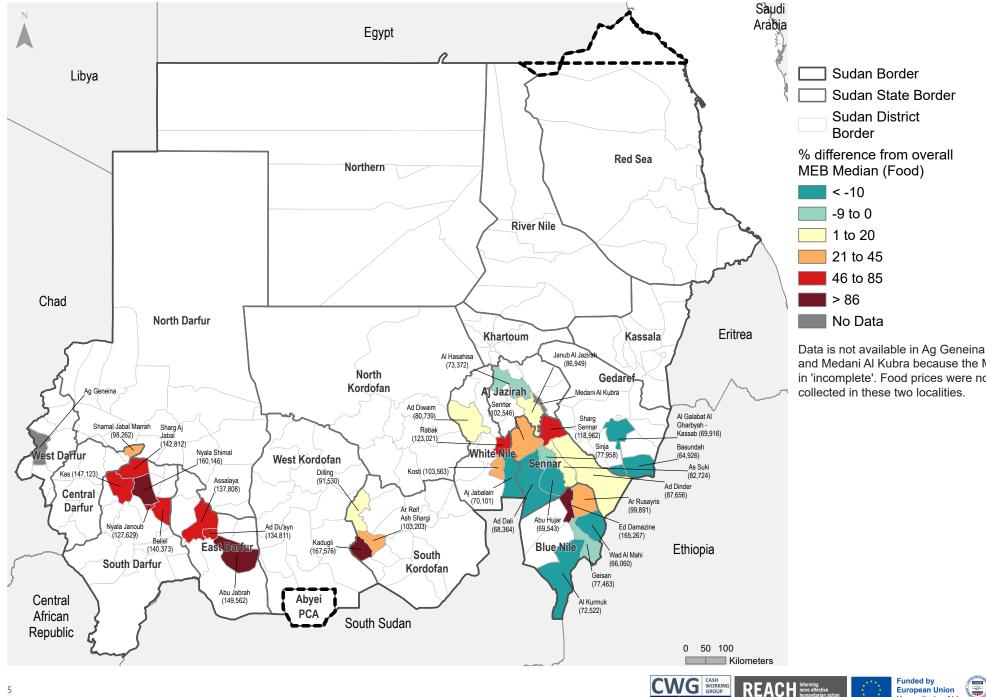
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## MEDIAN MEB (WITH TOP UP) COSTS PER LOCALITY AND % DIFFERENCE FROM NATIONAL MEDIAN MEB



## **MEDIAN FOOD BASKET COSTS PER LOCALITY AND % DIFFERENCE FROM NATIONAL MEDIAN MEB**



and Medani Al Kubra because the MEB in 'incomplete'. Food prices were not collected in these two localities.

European Union Humanitarian Aid USAID

## **AVAILABILITY OF FOOD ITEMS**

At the time of data collection, more than 55% of vendors reported **widespread availability of all monitored food items** in their market, with the exception of onions, which more vendors reported being limited or unavailable.

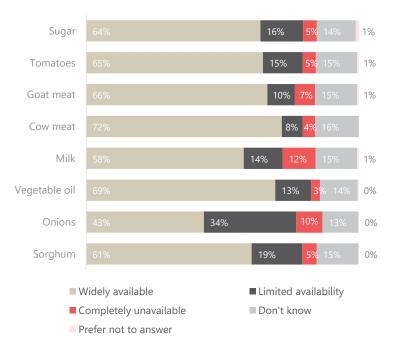
However, results varied depending on the state: **partial and complete unavailability of food items were more frequently reported in the states of the Greater Darfur region and South Kordofan**, areas with a comparatively higher incidence of armed clashes between April and December 2023<sup>10</sup>. For instance, in states like South Darfur, West Darfur, and South Kordofan, only approximately one-third of vendors reported sorghum as widely available in their markets, compared to over 90% in Blue Nile and Gedaref.

### **EVOLUTION OF FOOD PRICES**

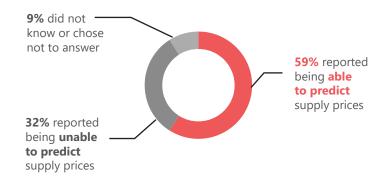
At the national level, a **decrease of 9% of the cost of the food component of the MEB was recorded between October and December 2023**. The decrease in food prices was primarily driven by a decrease in sorghum prices since October 2023. However, notable variations were observed across states and among different markets of the same states: an increase in the cost of the food component was observed in the majority of markets assessed in South Kordofan and East Darfur, whereas the opposite trend was observed in other states.

The most expensive food components of the MEB were reported in East Darfur, South Darfur and South Kordofan, despite decreases recorded in some assessed market since October. The high costs of food items in these states could be a consequence of several factors, including the sustained clashes occurring in these states since April 2023 and arrival of goods being limited by the presence of roadblocks along key routes, notably in North Kordofan<sup>11</sup>.

## Reported availability of food items in assessed markets at time of data collection



### **Reported ability of food vendors to predict supply prices one month from data collection**<sup>13</sup>



Location	Median food basket cost (SDG)	Median food basket cost (USD <sup>9</sup> )	Change since Oct. 2023
Aj Jazirah			
Al Hasahisa	73,372	122	▼ - 49%
Janub Al Jazirah	86,949	145	▼ - 6%
Blue Nile			
Al Kurmuk	72,522	121	▼ - 59%
Ar Rusayris	99,891	166	<b>V</b> - 76%
Ed Damazine*	165,267	275	<b>▲</b> + 53%
Geisan	77,463	129	▼ - 46%
Wad Al Mahi	66,060	110	▼ - 82%
Central Darfur			
Shamal Jabal	98,262	164	NA <sup>12</sup>
East Darfur			
Abu Jabrah	149,562	249	<b>▲</b> + 6%
Ad Du'ayn	134,811	224	<b>▲</b> + 25%
Assalaya	137,808	229	▼ - 8%
Gedaref			
Al Galabat Al Gharbyah - Kassab	69,916	116	▼ - 16%
Basundah	64,926	108	▼ - 15%
Sennar			
Abu Hujar	69,543	116	▼ - 13%
Ad Dali	68,364	114	<b>▲</b> + 1%
Ad Dinder	87,656	146	<b>▲</b> + 35%
As Suki	82,724	138	▼ - 76%
Sennar	102,546	171	▼ - 82%
Sharg Sennar	118,962	198	▼ - 69%
Sinja	77,958	130	▼ - 20%
South Darfur			
Beliel	140,373	234	▼ - 7%
Kas	147,123	245	▼ - 21%
Nyala Janoub	127,629	212	<b>▲</b> +18%
Nyala Shimal	160,146	266	<b>▲</b> + 48%
Sharg Aj Jabal	142,812	238	▼ - 24%
South Kordofan			
Ar Reif Ash Shargi	103,203	172	<b>▲</b> + 16%
Dilling	91,530	152	<b>▲</b> + 34%
Kadugli*	167,576	279	<b>▲</b> + 55%
White Nile			
Ad Diwaim	80,739	134	<b>▲</b> + 10%
Aj Jabalain	70,101	117	<b>▲</b> + 14%
Kosti	103,563	172	▼ - 30%
Rabak*	123,021	205	<b>▲</b> + 14%
Overall	80,289	180	▼ - 9%

\* Food items monitored by WFP. Food items monitored included dry milk instead of fresh milk, and are presented as the mean of monitored prices instead of the median.

- <sup>9</sup> Exchange rate used is the average exchange rate of <u>December 2023</u>.
- <sup>10</sup> Displacement tracking matrix, 2023 estimates | DTM Sudan | January 2024
- <sup>11</sup> North Kordofan: pre-crisis and current situation | ACAPS | October 2023

<sup>12</sup> This district was not covered in October 2023, therefore no comparison can be made for December 2023.

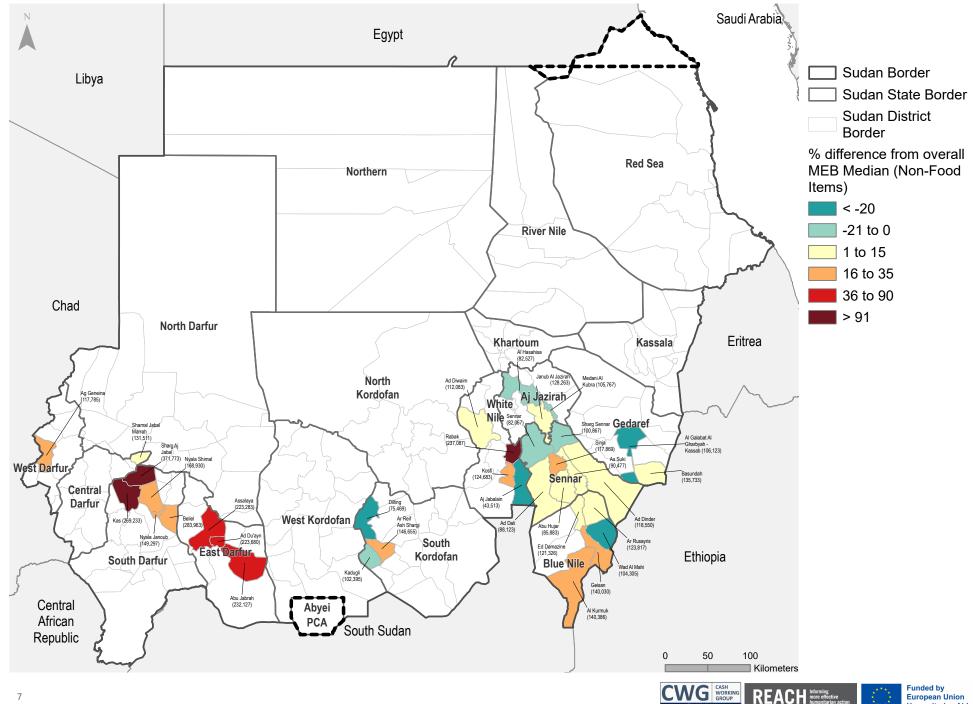
<sup>13</sup> Vendors were asked whether they were able to predict the price of their best selling items.



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## MEDIAN NFI BASKET (WITH TOP UP) COSTS PER LOCALITY AND % DIFFERENCE FROM NATIONAL MEDIAN MEB

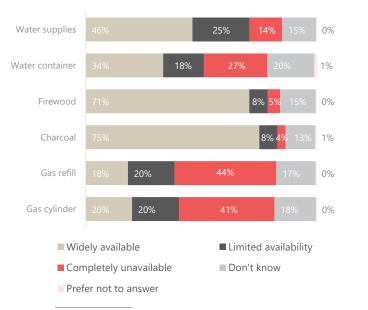


#### **PRICES & AVAILABILITY OF NFIs**

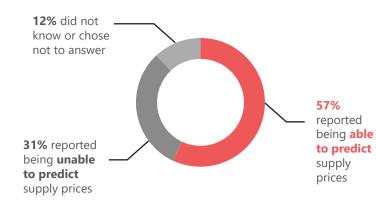
At the time of data collection, more than 50% of the vendors reported **widespread availability of all monitored hygiene items, except for sanitary pads**, which were reported as limited or completely unavailable by 42% of vendors. According to over 70% of the vendors, firewood and charcoal were widely available while water containers and supplies presented more challenges to acquire. Liquified petroleum gas (LPG) containers and refills were reportedly even more scarce, with 62% of the vendors reporting these items as limited or completely unavailable.

An **increase of 30% of the cost of the NFI component of the MEB was recorded between October and December 2023.** Similar to the food component, the most expensive NFI components were reported in East and South Darfur, as well as South Kordofan.

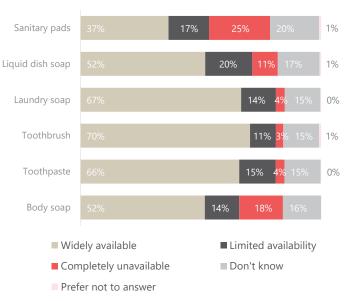
## Reported availability of household items in assessed markets at time of data collection



#### Reported ability of NFI vendors to predict supply prices one month from data collection<sup>14</sup>



## Reported availability of hygiene items in assessed markets at time of data collection



Location	Median NFI basket cost (SDG)	Change since Oct. 2023	Median NFI basket with top- up (SDG)	Median NFI basket with top-up (USD <sup>15</sup> )
Aj Jazirah				1
Al Hasahisa	60,977	▼ - 25%	82,527	138
Janub Al Jazirah	75,513	▼ - 7%	128,263	215
Medani Al Kubra	70,517	▼ - 10%	105,767	177
Blue Nile				
Al Kurmuk	88,886	<b>▲</b> + 7%	140,386	235
Ar Rusayris	81,067	<b>▲</b> + 8%	123,817	208
Ed Damazine	76,126	<b>▲</b> + 4%	121,326	203
Geisan	88,530	<b>▲</b> + 5%	140,030	235
Wad Al Mahi	53,055	▼ - 34%	104,305	175
Central Darfur	55,655		10 1,000	110
Shamal Jabal	78,261	n.a <sup>16</sup>	131,511	221
East Darfur	,			
Abu Jabrah	138,327	<b>▲</b> + 265%	232,127	389
Ad Du'ayn	120,130	▼ - 98%	223,680	375
Assalaya	120,283	<b>▲</b> + 36%	223,283	374
Gedaref	120,205	<b>A</b> + 50%	223,203	574
Al Galabat Al Gharbyah - Kassab	53,123	▼ - 32%	106,123	178
Basundah	82,983	<b>▲</b> + 4%	135,733	228
Sennar				
Abu Hujar	77,933	<b>▲</b> + 54%	85,883	144
Ad Dali	76,373	▼ - 8%	88,123	148
Ad Dinder	82,300	<b>▲</b> + 247%	118,550	199
As Suki	80,227	<b>▲</b> + 6%	94,077	152
Sennar	66,567	▼ - 97%	82,067	138
Sharg Sennar	64,067	<b>▲</b> + 82%	100,867	169
Sinja	88,619	<b>▲</b> + 12%	117,869	198
South Darfur				
Beliel	98,213	▼ - 98%	283,963	476
Kas	192,733	<b>▲</b> + 269%	269,233	452
Nyala Janoub	96,547	▼ - 97%	149,297	250
Nyala Shimal	86,180	<b>▲</b> + 263%	168,930	283
Sharg Aj Jabal	186,773	▼ - 96%	371,773	623
South Kordofan				
Ar Reif Ash				
Shargi	93,905	<b>▲</b> + 12%	146,655	246
Dilling	52,869	<b>▲</b> + 90%	75,469	127
Kadugli	60,145	<b>▲</b> + 71%	102,395	172
West Darfur				
Ag Geneina	87,785	n.a <sup>14</sup>	117,785	198
White Nile				
Ad Diwaim	76,933	<b>▲</b> + 9%	112,083	188
Aj Jabalain	23,413	▼ - 100%	43,513	78
Kosti	91,933	▼ - 93%	124,683	209
Rabak	208,587	<b>▲</b> + 289%	237,087	398
Overall	68,515	<b>▲</b> + 8%	100,478	167

<sup>14</sup> Vendors were asked whether they were able to predict the price of their best selling items.

<sup>15</sup> Exchange rate used is the average exchange rate of <u>December 2023</u>.

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<sup>16</sup> This district was not covered in October 2023, therefore no comparison can be made for December 2023.

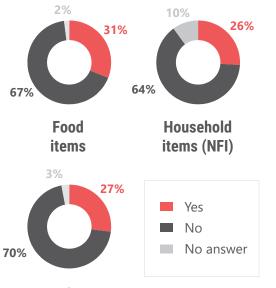




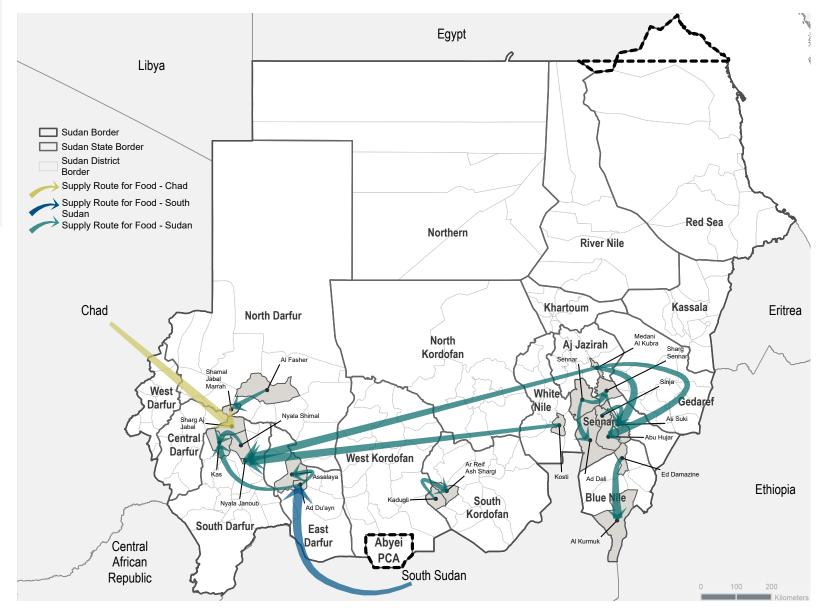
### **ORIGIN OF SUPPLIERS**

Overall, 33% of interviewed vendors indicated reliance on a single supplier to restock their shops. Among assessed food vendors, the majority reported sourcing their goods primarily from Ad Du'ayn and Medani Al Kubra within Sudan, with additional supplies coming from South Sudan. Similarly, NFI vendors predominantly sourced their goods from Ad Du'ayn and South Sudan. However, a notable difference was observed in the sourcing of NFI goods, with a higher proportion of vendors reporting their supplies originating from outside Sudan, particularly from Chad or Eqypt, compared to food items.

#### % of vendors reporting relying mostly on a single supplier at time of data collection



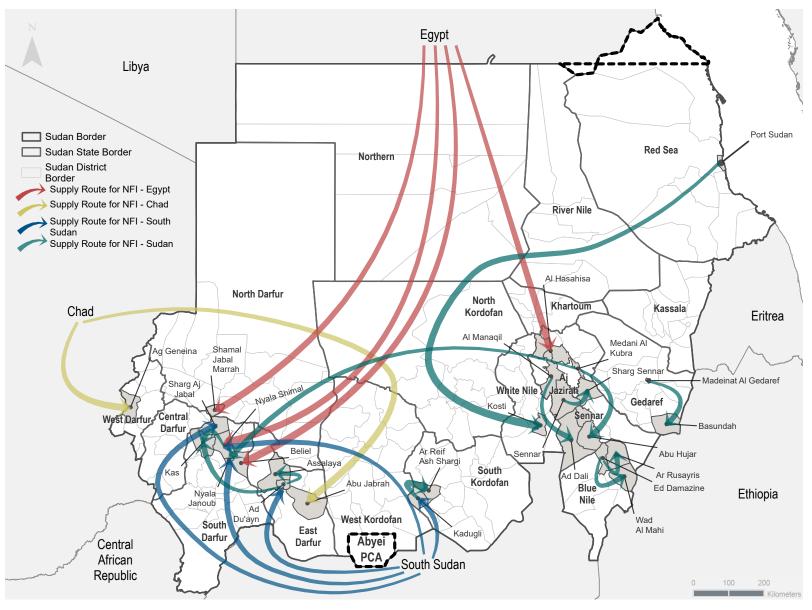




Hygiene items (NFI)



## MAIN SUPPLY ROUTES FOR NON-FOOD ITEMS (NFIS) (FROM SUPPLIER TO VENDOR)



<sup>17</sup> This difference can potentially be attributed to the difference in coverage between October and December 2023.

<sup>18</sup> Mercy Corps | Piloting Mobile Money Cash Assistance in Sudan | November 2023

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## **PAYMENT MODALITIES**

In December, **cash** (SDG) **remained the predominant payment modality** in assessed markets. A total of 55% of interviewed vendors reported only accepting cash from their customers over the month preceeding data collection. These results align with findings from October, although there appears to have been a slight decrease in the proportion of interviewed vendors accepting payments through informal credits or mobile money<sup>17</sup>.

Due to the damage of banking infrastructures and limited functionality of digital financial services, mobile money is frequently viewed as an alternative payment method. However, **only 22% of the interviewed vendors accepted mobile money services**. Several factors contribute to this low adoption rate, including limited self-service functionality, unfamiliarity with mobile money, and challenges related to phone ownership<sup>18</sup>.

### Reported accepted payment modalities during the month prior to data collection, by % of interviewed vendor<sup>19</sup>

Cash (SDG)	<b>99</b> %	
Informal credit	26%	
Mobile money	22%	
Money or bank transfers	<b>6%</b>	
Hawala	5%	
Barter (exchange of goods)	4%	
Cash (foreign currency)	3%	<b>(</b>
Cheque	3%	<b>(</b>
Credit/Debit card	1%	
Vouchers	0%	



<sup>&</sup>lt;sup>19</sup> Values do not add up to 100% as vendors were allowed to select multiple options.

## **STOCKS AND SUPPLIES**

Similar to findings from October, over a third of vendors reported facing **difficulties in acquiring enough items to meet customers' demands.** The items reported as most difficult to obtain were liquid dish soap, sanitary pads, body soap, onions, sugar, tomato paste and gas; each cited by over half of the vendors. Two-third of vendors also reported **difficulties in keeping their business operational and well-stocked**; reportedly due to high prices charged by suppliers or a lack of availability of core goods.

Challenges regarding supplies and maintaining business operations were notably more frequently reported in areas that are proportionatly more affected by conflicts, including the states of the **Greater Darfur region**, **South Kordofan**, and **White Nile** states<sup>20</sup>.

## Median duration until exhaustion and time needed for restock monitored items reported by interviewed vendors



secure and locked storage on the marketplace.

# 39%

of interviewed vendors reported having faced **difficulties obtaining enough items to meet their customers' demand** during the month prior to data collection.

## Top 4 items reported as most difficult to obtain, by % of interviewed vendor reporting difficulties obtaining items<sup>22</sup>







Hygiene items (N=131)



## 67%

of interviewed vendors reported difficulties keeping business operational and well-stocked during the month prior to data collection.

## % of interviewed vendors reporting difficulties keeping their business operational and well-stocked, by state

South Darfur	95%	Blue Nile	49%
East Darfur	93%	White Nile	67%
Central Darfur		Gedaref	28%
West Darfur	93%	Sennar	44%
South Kordofan	97%	Aj Jazirah	50%

### Main issues cited by vendors reporting difficulties keeping business operational and well-stocked (N=416)<sup>22</sup>

Prices charged by suppliers		65%
Availability of core goods		65%
Lack of money to pay suppliers		45%
Movement restrictions	_	31%
	_	13%
Staffing the store	-	
Danger in the area		4%

<sup>20</sup> OCHA | Sudan humanitarian update, December 2023

<sup>21</sup> The median reported expected number of days for items to last in vendors' stock under the same conditions as data collection, as well as the duration necessary to fully restock items if an order was placed on the day of data collection, were collected for each item and then aggregated.

<sup>22</sup> Values do not add up to 100% as vendors were allowed to select multiple options.



## **MARKET ACCESS**

The vast majority of interviewed vendors reported financial barriers to market access for customers, while a third of them reported a **negative impact of** security factors on their business and 36% reported problems preventing physical and social market access. These difficulties were reported by a higher proportion of interviewed vendors in the states of the Greater Darfur region and South Kordofan.

## % of interviewed vendors reporting problems preventing physical travel, work or shopping in the markeplace, by state

South Darfur	98%	Blue Nile	n.a
East Darfur	96%	White Nile	35%
Central Darfur	44%	Gedaref	0%
West Darfur	39%	Sennar	3%
South Kordofan	71%	Aj Jazirah	0%

## Main issues cited by vendors reporting on market problems to access their marketplace (N=195)<sup>23</sup>

Active fighting	52%
Curfew or movement restrictions	45%
Market opened at limited times	33%
Damaged roads	24%
Lack of transportation	22%

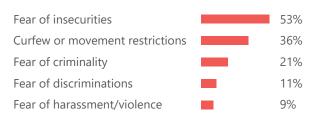
# 38%

of interviewed vendors reported security factors having a negative impact on their business, customers or work during the month prior to data collection.

## % of interviewed vendors reporting negative impact of security context on their business/customers/work, by state

South Darfur	95%	Blue Nile	n.a
East Darfur	93%	White Nile	33%
Central Darfur	28%	Gedaref	0%
West Darfur	46%	Sennar	0%
South Kordofan	70%	Aj Jazirah	3%

## Main issues cited by vendors reporting negative impact of security context on their business (N=266)<sup>23</sup>



## 80%

of interviewed vendors reported that many of their customers faced **financial challenges travelling to shops or paying for basic goods**.

## % of interviewed vendors reporting customers facing financial challenges accessing goods, by state

South Darfur	98%	Blue Nile	74%
East Darfur		White Nile	
Central Darfur	94%	Gedaref	94%
West Darfur	96%	Sennar	69%
South Kordofan	98%	Aj Jazirah	28%

## Main issues cited by vendors regarding customers facing financial challenges accessing goods (N=478)<sup>23</sup>

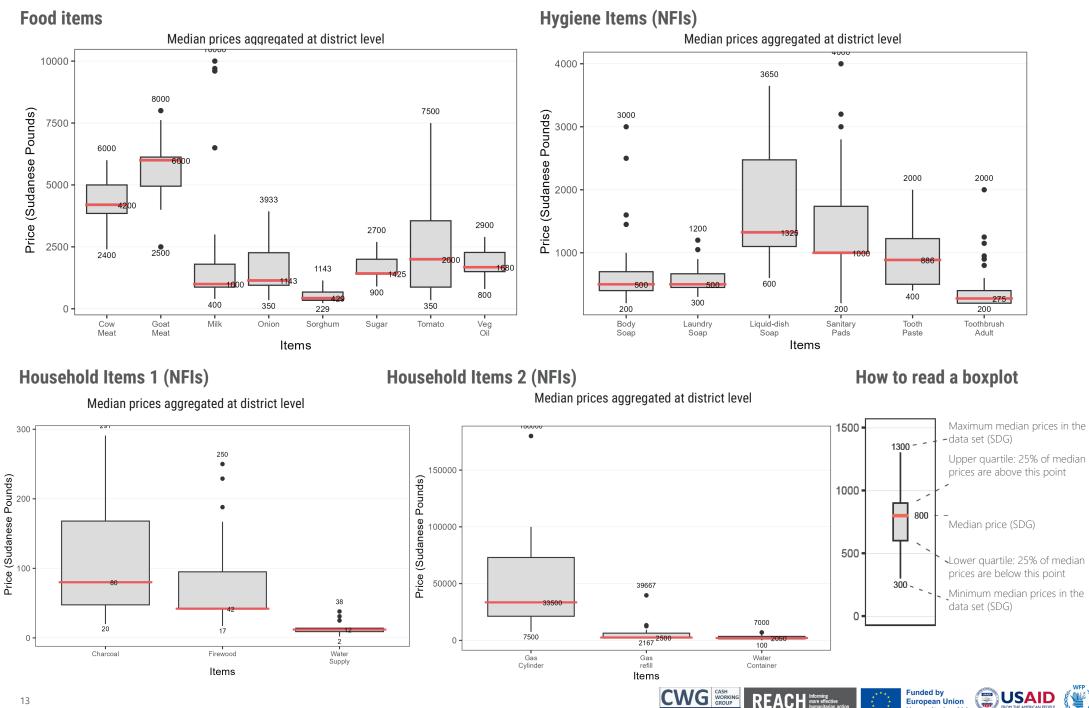
Cannot afford items		74%
Payment method not accepted		58%
Unpaid credit	-	14%
Cannot afford transport		13%
Cannot afford fuel	-	11%

<sup>23</sup> Values do not add up to 100% as vendors were allowed to select multiple options.



European Union Humanitarian Aid

## **DISTRIBUTION OF PRICES**



#### **MARKET FUNCTIONALITY SCORE PER LOCALITY**

LocalitiesMain dimensionMaximum score25South Darfur7Kas3Sharg Aj Jabal4Beliel9Nyala Shimal9Nyala Janoub4West Darfur7Ag Geneina7Abu Jabrah12Ad Du'ayn6Assalaya9South Kordofan9Dilling6Ar Reif Ash Shargi6Kadugli3Blue Nile*1Ed Damazinen.aAl Kurmukn.aAr Rusayrisn.aGeisann.aWad Al Mahi22Rabak6Kosti6Aj Jabalain25Gedaref25Al Galabat Al Gharbyah25		8 0 0 0 0 0 0 0 2 2 2 0 0 0	4 0 1 4 1 4 1 3 3 4 2 4 4 2 4	Social access 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Safety and security 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Main dimension 30 20 7 19 20 17 20 17 26	Availability 60 39 14 38 40 34 34 53	Main dimension 15 3 2 4 6 2 2	Affordability 12 3 3 4 4 4 4 4	Finance 9 0 0 0 0 0 0	Price volatility 6 2 0 4	Main dimension 20 9 9 9 7	Supply diversity 12 9 9 9 7	resilience supply 9 0 0 0 0	Main dimension 10 5 6 7	Facilities 4 1 0 2	Storage 3 1 3 3	Payment 3 3 3 2	Total MF 100 39 28
South DarfurKas3Kas3Sharg Aj Jabal4Beliel9Nyala Shimal9Nyala Shimal9Nyala Janoub4West Darfur7Ag Geneina7East Darfur12Abu Jabrah12Ad Du'ayn6Assalaya9Central Darfur9South Kordofan10Dilling6Ar Reif Ash Shargi6Kadugli3Blue Nile*1Ed Damazinen.aAl Kurmukn.aAr Rusayrisn.aGeisann.aWhite Nile22Rabak6Kosti6Aj Jabalain25Gedaref1Basundah25Al Jazirah1	0 0 0 0 2 2 0 0 0	0 0 0 0 0 2 2 0 0 0	0 1 4 4 1 3 3 4 2	2 2 2 2 2 2 0 2 2 2 2 2 2 2 2 2 2	0 0 0 0 0	20 7 19 20 17	39 14 38 40 34	3 2 4 6 2	3 3 4 4	0 0 0 0	2 0 4	9	9	0 0	5 6	1 0	1 3	3 3	39
Kas3Kas3Sharg Aj Jabal4Beliel9Nyala Shimal9Nyala Shimal9Nyala Shimal9Nyala Janoub4Mest Darfur7Cast Darfur7Ad Du'ayn6Assalaya9Central Darfur9Shamal Jabal Marrah9South Kordofan0Dilling6Ar Reif Ash Shargi6Kadugli3Blue Nile*0Ed Damazinen.aAl Kurmukn.aAr Rusayrisn.aGeisann.aWhite Nile22Rabak6Kosti6Aj Jabalain25Gedaref3Basundah25Al Jazirah25	0 0 0 2 2 0 0 0	0 0 0 2 2 0 0	1 4 1 3 4 2	2 2 2 0 2 2	000000000000000000000000000000000000000	7 19 20 17	14 38 40 34	2 4 6 2	3 4 4	0 0 0	0 4			0	6	0	3	3	
harg Aj Jabal4eliel9lyala Shimal9lyala Shimal9lyala Shimal9lyala Shimal9lyala Janoub4Vest Darfur7ast Darfur12bu Jabrah12d Du'ayn6ssalaya9central Darfur9hamal Jabal Marrah9outh Kordofan0billing6adugli3churmukn.akurmukn.akurmukn.avad Al Mahin.aVhite Nile22abak6osti6j Jabalain25i Galabat Al Gharbyah25J Jazirah0	0 0 0 2 2 0 0 0	0 0 0 2 2 0 0	1 4 1 3 4 2	2 2 2 0 2 2	000000000000000000000000000000000000000	7 19 20 17	14 38 40 34	2 4 6 2	3 4 4	0 0 0	0 4			0	6	0	3	3	
Addie9Ayala Shimal9Ayala Shimal9Ayala Shimal9Ayala Shimal9Ayala Shimal4Vest Darfur1Ag Geneina7Sast Darfur1Subu Jabrah12Subu Jabrah6Sasalaya9Sentral Darfur1Schamal Jabal Marrah9South Kordofan1Dilling6South Kordofan1South Kordofan1Silue Nile*1Silue Nile*1Sid Damazinen.aAl Kurmukn.aAr Rusayrisn.aSeisann.aVad Al Mahin.aVad Al Mahi22Sabak6Sotti6Sotti25Sedaref1Saundah25Al Galabat Al Gharbyah25Al Jazirah1	0 0 2 2 0 0 0	0 0 2 2 0 0	4 1 3 4 2	2 2 0 2 2 2 2	0 0 0 0 0 0 0 0	19 20 17	38 40 34	4 6 2	4	0 0	4	9 7	9		-				28
Ayala Shimal9Ayala Janoub4Vest Darfur-Ag Geneina7Ag Geneina7Sast Darfur-Nou Jabrah12Ad Du'ayn6Sastaya9Central Darfur-Shamal Jabal Marrah9South Kordofan-Dilling6Ar Reif Ash Shargi6Saturnukn.aAr Rusayrisn.aSeisann.aVat Al Mahin.aVhite Nile-Vad Al Mahi22Sabak6Costi6Jabalain25Gelaref-Saundah25Al Jazirah-	0 0 2 2 0 0 0	0 0 2 2 0 0	4 1 3 4 2	2 2 0 2 2 2	0 0 0 0 0 0 0	20 17	40 34	6 2	4	0		7	7	0	7	2	2	2	1
Ayala JanoubAAyala Janoub4Vest Darfur7kg Geneina7gast Darfur12kbu Jabrah12kbu Jabrah12kbu Jabrah9central Darfur9central Darfur9couth Kordofan0Dilling6cadugli3Blue Nile*1cid Damazinen.aN Kurmukn.aAr Rusayrisn.aGeisann.aVhite Nile1Costi6Gosti6Gosti25Galabat Al Gharbyah25N Jazirah1	0 2 2 0 0 0 2 2 0	0 2 2 0 0	1 3 4 2	2 0 2 2	0 0 0 0	17	34	2					'		-	2			46
Vest Darfur	2 2 0 0 2 2 2 2	2 2 0 0	3 4 2	0 2 2	0			_	4		6	6	6	0	2	1	1	0	42
g Geneina7ast Darfur12Jabu Jabrah12Jabu Jabrah6sssalaya9ientral Darfur9hamal Jabal Marrah9outh Kordofan0jilling6adugli3idu Nile*0d Damazinen.aJ Kurmukn.aar Rusayrisn.aGeisann.aVad Al Mahi1babak6osti6j Jabalain25idalabat Al Gharbyah25J Jazirah12	2 0 0 2 2	2 0 0	4 2	2 2	0	26	53			0	0	9	9	0	0	0	0	0	32
ast Darfur       ast Darfur       ast Darfur       abu Jabrah     12       ad Du'ayn     6       sssalaya     9       central Darfur     9       hamal Jabal Marrah     9       jouth Kordofan     9       jouth Kordofan     9       jouth Kordofan     6       jouth Kordofan     7       Gabarine     n.a       kurmuk     n.a       var Rusayris     n.a       Kurmuk     n.a       var Al Mahi     n.a       Vad Al Mahi     n.a       vad Al Mahi     1.a       vad Al Mahi     6       jabalain     25       jabalain     25       jabalain     25       jabalain     25       jabalah Al Gharbyah     25       N Jazirah     1	2 0 0 2 2	2 0 0	4 2	2 2	0	26	53												
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bu Jabrah12d Du'ayn6ssalaya9central Darfur9bamal Jabal Marrah9outh Kordofan9outh Kordofan6adugli6ar Reif Ash Shargi6adugli3blue Nile*1d Damazinen.aJ Kurmukn.aar Rusayrisn.aseisann.aVad Al Mahin.aVhite Nile22abak6osti6j Jabalain25iedaref25al Galabat Al Gharbyah25J Jazirah1	0 0 2 0	0	2	2															
d Du'ayn6ssalaya9entral Darfur9hamal Jabal Marrah9outh Kordofan6r Reif Ash Shargi6adugli3lue Nile*7d Damazinen.aJ Kurmukn.ar Rusayrisn.aieisann.aVhite Nile22abak6osti6j Jabalain25iedaref25J Galabat Al Gharbyah25	0 0 2 0	0	2	2		26	52	5	2	0	6	8	8	3	5	4	1	0	58
ssalaya9sentral Darfur1hamal Jabal Marrah9outh Kordofan1billing6adugli3idue Nile*1d Damazinen.aJ Kurmukn.aar Rusayrisn.aseisann.aVad Al Mahin.aVhite Nile22abak6osti6j Jabalain25iedaref25J Galabat Al Gharbyah25J Jazirah1	0 2 0	0			11	24	48	4	2	0	4	9	9	0	4	2	1	1	46
Central DarfurGhamal Jabal Marrah9Gouth Kordofan9Gouth Kordofan9Dilling6Ar Reif Ash Shargi6Gadugli3Blue Nile*1Ed Damazinen.aAl Kurmukn.aAr Rusayrisn.aGeisann.aWad Al Mahin.aWhite Nile22Rabak6Kosti6Aj Jabalain25Gedaref25Al Galabat Al Gharbyah25Al Jazirah1	2			2	0	20	40	5	3	0	6	8	8	0	6	4	1	1	47
hamal Jabal Marrah 9 outh Kordofan 6 illing 6 a r Reif Ash Shargi 6 adugli 3 ilue Nile* 7 d Damazine n.a I Kurmuk n.a vr Rusayris n.a eisan n.a Vad Al Mahi n.a Vhite Nile 22 abak 6 osti 6 j Jabalain 25 iedaref 25 i Galabat Al Gharbyah 25 J Jazirah 7	0	2		-					5		Ŭ		<u> </u>	Ŭ					
South KordofanDilling6Valle6Cadugli3Blue Nile*1Cid Damazinen.aAl Kurmukn.aAr Rusayrisn.aSeisann.aVad Al Mahin.aVhite Nile22Cabak6Costi6Seisan25Gedaref25Galabat Al Gharbyah25N Jazirah1	0	/	3	0	1	24	48	6	6	0	4	8	8	0	6	4	0	2	52
Dilling6Ar Reif Ash Shargi6Ar Reif Ash Shargi3Blue Nile*		-	<u> </u>	<u> </u>			10		<u> </u>				~	~			<u> </u>	-	52
Ar Reif Ash Shargi6Kadugli3Blue Nile*		0	4	0	0	20	40	4	7	0	0	7	7	0	6	4	1	1	42
Xidugli3Kidugli3Kilue Nile*n.aKurmukn.aAl Kurmukn.aAr Rusayrisn.aGeisann.aWad Al Mahin.aWhite Nile22Kabak6Kosti6Kosti6Sedaref25Kalabat Al Gharbyah25Al Jazirah1			2	2	0	20	41	7	6	0	6	9	9	0	8	4	1	3	50
Iue Nile*Ide Nile*d Damazinen.aI Kurmukn.aI Kurmukn.aar Rusayrisn.aieisann.aVad Al Mahin.aVad Al Mahin.aVhite Nile22abak6osti6j Jabalain25iedaref25J Galabat Al Gharbyah25J Jazirah1	0		2	0	0	20	40	3	6	0	0	5	5	0	5	4	1	0	36
d Damazine n.a I Kurmuk n.a r Rusayris n.a ieisan n.a Vad Al Mahi n.a Vhite Nile 22 d Diwaim 22 abak 6 osti 6 j Jabalain 25 iedaref asundah 25 J Galabat Al Gharbyah 25 J Jazirah	0	Ū	2	0	0	20	40	5	0	0	0	5	J	0	3	-	I	0	30
I Kurmukn.ar Rusayrisn.areisann.aVad Al Mahin.aVhite Nile22d Diwaim22abak6osti6j Jabalain25iedaref25J Galabat Al Gharbyah25J Jazirah1		2.2	2.2		<b>n</b> 2	30	60	8	7	6	2	5	5	0			2	3	
r Rusayris n.a ieisan n.a Vad Al Mahi n.a Vhite Nile 22 abak 6 osti 6 j Jabalain 25 iedaref asundah 25 l Galabat Al Gharbyah 25 l Jazirah	n.a		n.a	n.a	n.a	26	51	9	8	9	0	8	8	6	n.a	n.a	2	2	n.a
seisan n.a Vad Al Mahi n.a Vhite Nile 22 abak 6 osti 6 j Jabalain 25 iedaref 25 al Galabat Al Gharbyah 25 Al Jazirah 25	n.a		n.a	n.a	n.a				8			9			n.a	n.a		2	n.a
Vad Al Mahin.aVhite Nile22Ad Diwaim22abak6iosti6ij Jabalain25iedaref25asundah25Al Galabat Al Gharbyah25N Jazirah1	n.a		n.a	n.a	n.a	30	60	7		3	2	-	9	0	n.a	n.a	3		n.a
Vhite NileId Diwaim22abak6osti6j Jabalain25iedaref25al Galabat Al Gharbyah25J Jazirah25	n.a		n.a	n.a	n.a	26	51	9	8	6	2	9	9	0	n.a	n.a	3	1	n.a
d Diwaim 22 abak 6 osti 6 ij Jabalain 25 iedaref 25 I Galabat Al Gharbyah 25 I Jazirah 25	n.a	n.a r	n.a	n.a	n.a	26	51	10	8	9	0	1	7	0	n.a	n.a	3	1	n.a
abak 6 osti 6 i Jabalain 25 iedaref 25 asundah 25 a Galabat Al Gharbyah 25 N Jazirah 4																			
osti 6 j Jabalain 25 iedaref asundah 25 I Galabat Al Gharbyah 25 I Jazirah	6		4	2	3	29	58	10	9	3	6	9	9	3	6	4	2	0	79
y Jabalain 25 Gedaref 25 Nasundah 25 N Galabat Al Gharbyah 25 N Jazirah 25	0		2	2	0	30	59	6	6	3	2	6	6	0	4	4	0	0	51
eedaref Basundah 25 N Galabat Al Gharbyah 25 N Jazirah	0		2	2	0	24	47	8	7	6	2	8	8	0	4	4	0	0	49
asundah 25 I Galabat Al Gharbyah 25 I Jazirah	8	8	4	2	3	30	60	7	9	0	4	6	6	0	7	4	2	1	75
I Galabat Al Gharbyah 25 I Jazirah	_																		4
l Jazirah	8		4	2	3	22	45	8	9	0	6	6	6	6	10	4	3	3	77
	8	8	4	2	3	26	53	7	8	0	4	4	4	0	10	4	3	3	72
1edani Al Kubra 25	8	8	4	2	3	30	59	12	7	9	6	5	5	0	8	4	3	1	79
anub Al Jazira 25	8	8	4	2	3	26	51	12	8	9	4	9	9	6	5	4	1	0	81
l Hasahisa 25	8	8	4	2	3	29	58	13	8	9	6	6	6	0	8	4	3	1	81
ennar																			
bu Hujar 25	8	8	4	2	3	30	60	9	9	3	4	4	4	6	8	4	3	1	81
ennar 25	8		4	2	3	30	60	12	7	9	6	8	8	0	6	4	1	1	81
d Dali 25	8		4	2	3	27	54	5	9	0	0	5	5	3	7	4	1	2	71
d Dinder 25	8		4	2	3	28	57	4	6	0	0	5	5	0	9	4	3	2	71
s Suki 25	8		4	2	3	28	56	5	8	0	2	9	9	0	8	4	2	2	75
harg Sennar 19		4	4	2	3	28	57	7	7	6	0	0	0	0	7	4	2	1	62
	1		4	0	3	20	54	8	9	6	0	8	8	3	7	4	2	1	72
inja 19		0	+	U	J	21	J <del>4</del>	0	9	0		NG CASH WORKI GROUF	-	3	1	4	-		



## **MEDIAN ITEM PRICES PER LOCALITY (in SDG)**

Localities	Sorghum grain	Onions	Vegetable Oil	Milk (fresh)	Cow Meat (fresh)	Goat Meat (fresh)	Tomato Paste	Sugar	Gas Container	Gas Refill	Charcoal	Firewood	Water Container	Water supply	Body Soap	Tooth paste	Tooth brush	Laundry Soap	Liquid Dish Soap	Sanitar Pads
	1kg	1kg	1L	1L	1kg	1kg	1kg	1kg	12.5L	12.L	1kg	1kg	20L	20L	125g	100ml	1piece	200g	600ml	8piece:
South Darfur																				
Kas	1143	2360	1500	1250	3500	4250	1500	1000	73000	9333	107	167	3500	25	3000	2000	2000	800	3000	3200
iharg Aj Jabal	643	2286	n.a	n.a	3000	n.a	7500	2000	180000	n.a	291	83	5000	31	700	900	900	n.a	3000	2000
Beliel	714	2571	1500	400	4250	5000	6250	2000	180000	3333	200	42	5750	12	1600	1000	800	775	3650	1700
Nyala Shimal	1043	2357	1500	3000	4000	6000	2000	2250	80000	3000	160	83	n.a	12	n.a	1350	300	1050	3500	1750
Iyala Janoub	571	2257	2000	n.a	4100	5000	4500	2500	n.a	2417	255	92	n.a	12	1450	1650	1150	1200	2650	n.a
Vest Darfur																				
lg Geneina	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	25000	8333	218	229	5000	12	306	1000	300	500	2000	3000
ast Darfur	700	2022	1450	2000	2000	4000	2200	2100	00000	20667	2.47	447	2000	4.4	000	1500	050	050	2.400	2450
bu Jabrah	700	3933	1450	3000	3900	4900	3200	2100	90000	39667	247	117	3800	14	900	1500	950	850	2400	2450
d Du'ayn	743	2697	1400	1600	3700	5000	3250	2000	100000	12500	80	133	3550	12	2500	1150	900	750	2500	2700
ssalaya Central Darfur	743	3000	1500	2400	3500	4550	1500	2650	100000	13333	164	83	3000	15	1000	1500	1250	900	2800	2800
Vasat Jabal Marrah	536	350	1200	6500	2500	2500	1348	900	n.a	n.a	83	250	3250	9	500	1000	600	578	1500	4000
South Kordofan	550	550	1200	0000	2000	2300	10 10	500	110	1110	00	250	5250	5	500	1000	000	5.0	1500	1000
Dilling	400	2000	2400	1600	2400	4800	500	2000	21250	7667	50	33	1350	5	700	700	300	667	1800	1600
Ar Reif Ash Sharqi	514	2286	2900	900	2800	4400	350	2200	n.a	n.a	33	42	n.a	n.a	1000	1270	300	667	2000	1000
adugli*	733	1600	2557	10000	2800	5200	3200	2180	40000	2500	60	42	2250	8	417	1100	400	700	2571	1350
lue Nile																				
d Damazine*	667	1600	1680	9700	5080	7620	3280	2700	45000	2400	n.a	n.a	200	12	511	754	250	435	1100	800
l Kurmuk	350	1143	1600	n.a	4250	4250	500	1550	n.a	n.a	40	42	1500	n.a	615	873	300	500	2400	n.a
Ar Rusayris	429	1143	2250	600	4000	6500	5000	1400	40000	2500	60	42	n.a	n.a	685	647	200	500	1100	800
Geisan	357	1429	1600	n.a	5000	6000	400	1550	n.a	n.a	40	42	1500	n.a	667	873	250	500	1470	n.a
Vad Al Mahi	343	1143	800	600	4000	6000	500	1450	n.a	n.a	20	17	1250	5	774	794	200	500	2640	n.a
Vhite Nile																				
Ad Diwaim	448	929	1550	1000	4150	7000	1000	1400	35000	2333	27	28	150	62	400	500	200	325	1150	1000
Rabak*	333	1500	2400	9600	6000	7000	1600	1340	26500	2167	180	50	2000	38	500	1000	400	500	1200	1100
Kosti	714	571	1800	1200	4000	4000	2500	1200	30000	2333	260	n.a	n.a	15	500	1000	400	500	1200	800
Aj Jabalain	343	857	1150	1200	4500	6000	1000	1400	20000	2333	73	25	100	2	300	400	200	450	1100	1000
Gedaref																				
Basundah	343	857	1200	800	4000	5000	500	1400	n.a	n.a	40	54	n.a	n.a	400	500	200	400	750	1000
Al Galabat Al	286	857	1200	700	4800	6000	2375	1400	n.a	n.a	40	104	3000	6	450	500	200	500	950	1500
Al Jazirah	2.42	057	1200	000	4000	5000	500	1400			40	E 4			400	500	200	400	750	1000
/ledani Al Kubra	343	857	1200	800	4000	5000	500	1400	n.a	n.a	40	54	n.a	n.a	400	500	200	400	750	1000
anub Al Jazira I Hasahisa	286	857	1200 2500	700	4800	6000	2375	1400	n.a 3000	n.a	40 3000	104	3000	6	450	500	200	500	950 1500	1500
Sennar	257	175	2500	2700	4000	5000	3000	1200	3000	NA	3000	288	3000	12	2000	1400	500	450	1500	1050
bu Hujar	300	857	2400	1000	5000	6000	500	1400	7500	2333	40	42	450	n 2	400	500	200	500	1100	1000
bu Hujar ennar	429	1143	2400	900	5200	8000	5000	1400	8500	2333	100	42 21	7000	n.a 10	400	1500	200	500	1000	1000
d Dali	286	857	2400	1000	4750	5000	5000	1550	9000	n.a	60	42	n.a	10	400	500	200	400	1100	1000
d Dinder	229	1071	1900	1000	6000	7500	5375	1400	33500	2500	100	n.a	n.a	n.a	700	1250	250	400	1200	1000
la Suki	229	1143	2400	800	4800	6000	4375	1400	7500	2300 n.a	n.a	n.a	n.a	n.a	300	500	200	500	994	200
harg Sennar	571	1429	2250	900	5500	6000	6250	1000	35000	2667	100	42	1800	10	200	1500	200	300	600	1500
and y Serinal		1429	1750	1000	5000	5750	2750	1400	28750	2417	60	42	500	15	300	500	200	367	1100	1000
inja	286																			

\*Food items monitored by WFP. Food items monitored included dry milk instead of fresh milk, presented as the mean of prices monitored.



#### December 2023

## **MEDIAN stock level (days)**

Localities	Sorghum grain	Onions	Vegetable Oil	Milk (fresh)	Cow Meat (fresh)	Goat Meat (fresh)	Tomato Paste	Sugar	Gas Container	Gas Refill	Charcoal	Firewood	Water Container	Water supply	Body Soap	Tooth paste	Tooth brush	Laundry Soap	Liquid Dish Soap	Sanitary Pads
	1kg	1kg	1L	1L	1kg	1kg	1kg	1kg	12.5L	12.L	1kg	1kg	20L	20L	125g	100ml	1piece	200g	600ml	8pieces
South Darfur																				
Kas	3.5	1	4	1	1	1	2	1	10	20	15.5	10	1	1	10	10	10	14	7	4
Sharg Aj Jabal	4.5	4.5	n.a	n.a	1		4.5	7	13	n.a	7	3	6.5	6.5	4	5.5	14	n.a	6	7
Beliel	6.5	7	8	7	2	1	5	7.5	20	5	6	6	6.5	5	5.5	6	6.5	6	6	6
Nyala Shimal	13	6.5	10	3	3	2	3	5	20	4	5	6	n.a	2.5	n.a	15	12	5	10	5.5
Nyala Janoub	3	4	4.5	n.a	3	2	3	4	n.a	7.5	5	4.5	n.a	2	5.5	4	4.5	5	6	n.a
West Darfur									2.0	2.0	45	10	2	2		45	2.0	_	2.4	
Ag Geneina	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	30	30	15	10	3	3	11	15	30	7	24	7
East Darfur																			_	
Abu Jabrah	4	3	4.5	1	1	1	3	7.5	6.5	10.5	6	5.5	3.5	2	6.5	8	7.5	4.5	5	5.5
Ad Du'ayn	8	7	12	1	1	1	7	12	30	30	15	3	16	1	10	14	10	7	7	8
Assalaya	5	7	5	1	1	1	7	8.5	30	30	15	2	14	1.5	1	15	30	4.5	8.5	7
Central Darfur	- C	-	_	-	_		-					_			_	45	2.2	_		
Wasat Jabal Marrah	6	7	7	7	7	1	7	4	n.a	n.a	5	7	2	1	7	15	20	7	14	14
South Kordofan	20	1		0.5	2	2	7	2.5	0	0	0.5	6	1	1	r	15	15	10	4.5	2.5
Dilling	20	1	5	0.5	3	2	7	3.5	0	0	9.5	6	1	1	5	15	15	10	4.5	2.5
Ar Reif Ash Shargi	4	2	7	0	0	0.5	14.5	7	n.a 1	n.a	15	8.5	n.a	n.a 1	30	15	15	6.5	7	15
Kadugli*	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a		1	3	2	7	I	22.5	30	30	30	30	30
Blue Nile									7	7			1	1	30	22.5	30	20	20	30
Ed Damazine* Al Kurmuk	n.a 7	n.a 0.5	n.a 8.5	n.a n.a	n.a 7	n.a 7	n.a 7	n.a 10			n.a 9	n.a 0	0	n.a	15	22.5 15	15	30 15	30 15	
	7	4	4	1.d	2	2	5	4.5	n.a 3.5	n.a 7	5	7				17.5	17.5	17.5	17.5	n.a 15
Ar Rusayris	7	3	6.5	I	2	2	8.5	4.5 2.5			5	15	n.a 7	n.a	17.5 18	17.5	17.5	17.5	17.5	
Geisan Wad Al Mahi	7	3	0.5	1	3	3	0.5 15	2.5 8.5	n.a	n.a	6	3.5	0	n.a 0	16	14	16	16	16	n.a
White Nile	/	7	1	1	3	3	15	0.5	n.a	n.a	0	3.3	0	0	14	14	14	14	14	n.a
Ad Diwaim	60	2.5	22.5	1	0.5	0.5	22.5	25	60	30	6	10	1	12.5	30	30	30	30	30	30
Rabak*	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	1	1	1	1	1	1	1	1	1	1	1	1
Kosti	2	3	11.a	1.5	2	1	2	3	7	7	2	n.a	n.a	2	2	2	2	2	2	2
Aj Jabalain	20	5.5	25	1.5	1	1.5	25	30	60	20	10.5	6	9	9	12.5	25	30	15	30	25
Gedaref	20	5.5	LJ			1.5	25	50	00	20	10.5	Ū		5	12.5	LJ	50	15	30	LJ
Basundah	20	10	20	1	1	2	20	20	n.a	n.a	17.5	12.5	n.a	n.a	27.5	20	20	22.5	15	21.5
Al Galabat Al	7.5	6	10	1	1	1	15	10	n.a	n.a	6.5	6	2	1	25.5	20.5	25.5	15	4.5	16.5
Al Jazirah		-		-								-	_							
Medani Al Kubra	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	8	4.5	4.5	8.5	n.a	6	10	15	30	10	20	20
Janub Al Jazira	9.5	3.5	14.5	1	2	1.5	12	10	n.a	1	5	n.a	n.a	17.5	12	12.5	17.5	8.5	12	17.5
Al Hasahisa	10	2.5	30	1	1.5	1.5	30	14.5	6.5	6	7	n.a	12	8.5	25	30	40	22	30	50
Sennar	-									-					-		-			-
Abu Hujar	11	3	6	1	1	1	7	3	0	1.5	3	2	6	22.5	15	10	7	7	8.5	10
Sennar	1.5	2	7	0	0	0	10	5	0	2	15	7	15	50	7	15	20	15	10	32.5
Ad Dali	2	3	4	1	2.5	2	4	2.5	0	n.a	2.5	1	n.a	1	12.5	15	25	15	10	12.5
Ad Dinder	5	22.5	22.5	1	7	14	60	10	6.5	3	30	n.a	n.a	22.5	22	75	75	12	30	90
As Suki	90	20	14.5	2	1	1	30	6	22.5	n.a	n.a	n.a	n.a	n.a	5	20	15	17	13.5	20
Sharg Sennar	5	7	15	1	1.5	1.5	7	10	0	0	10	6	3	1	15	7	7	7	7	7
	45	4	11	1		1	25	7	25	18.5	10	90	20	7	17	27.5	30	15	15	30

\*Food items monitored by WFP does not include the days of stock for each items.



#### Methodology

The JMMI aims to inform market-based programming in Sudan through monthly monitoring of prices of selected food and NFI items as well as other critical market indicators.

The coverage of the JMMI may vary between months as it depends on the interest of the partner organisations and their field teams' capacities to regularly collect market data. Locations are added once partners willing to cover them are identified, and their field teams are trained. As the initiative is currently being built up, coverage will likely be expanded in future data collection rounds.

This findings presented in this factsheet are based on the JMMI conducted from 3-13 December 2023. The factsheet presents an overview of median prices for food and nonfood items (NFIs) in the main markets of the localities assessed, a comprehensive breakdown of the cost of the interim Minimum Expenditure Basket (MEB), and the Market Functionality Score (MFS) for the markets assessed at locality level.

In each assessed location, the aim is to collect at minimum four prices per item from different retailers to ensure quality and consistency of the collected data. In line with the purpose of the JMMI, only the prices of the cheapest available types are recorded for each item.

With the exception of some state capitals, where prices of food items is monitored by the World Food Programme (WFP)<sup>24</sup>, JMMI partners record prices and other critical market indicators through interviews with retailers.

Retailers are selected to interview based on the following criteria:

- Vendors are retailers selling directly to consumers.
- Vendors with weight scales are prioritised when recording prices of dry food items.
- Vendors are representative of the local price level (no wholesaler, vendors or upmarket or

luxury goods).

• To the extent possible, the same vendors are revisited in every data collection round.

The data is collected by enumerators familiar with the local market conditions, and have all received comprehensive training prior to the data collection.

The median item prices reported in this factsheet are 'locality medians', designed to minimise the effects of outliers and differing amounts of data among assessed locations. The median prices of all assessed items are calculated within each assessed locality. Because items monitored by WFP was only available as means, these figures have been used to calculated the overall medians at state and national level.

All MEB and price index calculations are created using this method.

- The cost of the Interim MEB is calculated by multiplying the median price of each item in the respective locality by the quantity listed in the table on page 3 adding to it the lump sums listed in the same page.
- In 4 localities (Ed Damazin, Rabak and Kadugli) the prices of the food items were collected by World Food Programme (WFP). Because the prices monitored by WFP were only available as means, these figures were used to calculate the overall median costs of the MEB at state and national level.
- Food prices were not recorded in two localities in December 2023: in Ag Geneina (West Darfur) and Medani Al Kubra (Al Jazirah). The food MEB is noted as not available and the interim MEB as incomplete for those two localities.
- In localities where items are not available, the national median is used to calculate the MEB per district, state and at national level. This allows to compare the interim MEB from locality to locality.
- Data collection on the accessibility and infrastructure dimensions of the Market

Functionality Score (MFS) was not possible in Blue Nile. Those dimensions for all localities in Blue Nile are noted as not available, and the MFS score as unavailable.

• Under the MFS, RE.1 and RE.2 have been removed to calculate the resilience dimension. It is calculated solely based on RE.3 and RE.4.

#### **Challenges and Limitations**

- Price data is only indicative for the time frame within which it was collected. Prices may vary between data collection rounds.
- The JMMI data collection tool requests the cheapest available type of each item to be recorded, as availability varies across regions. Therefore, price comparisons across regions may be based on slightly varying products.
- Standardising local unit sizes of dry food and household items is inherently difficult in Sudan, as many traders sell commodities by volume rather than weight, additionally the same units of measurements varies slightly from one locality to another. Due to the challenges of converting some of the unit of measurements the prices based on volume should if possible be triangulated with other data sources.
- As the JMMI continues to expand and is extended to additional locations, the reported changes in the overall median prices may be driven in part by shifts in coverage rather than actual price changes.

## About the CWG

Created in 2015, the national Sudan Cash Working Group (CWG) serves as the principal coordination forum for all humanitarian cash and voucher assistance (CVA) in Sudan. Composed of over 50 member organizations (UN agencies, local and international NGOs, the Sudanese Red Crescent Society, donors, and financial service providers), the CWG provides technical support to and across sectors, advises on issues related to CVA, and provides evidence and knowledge in response option analysis processes.

## **Participating agencies**

- NRC Norwegian Refugee Council
- ACTED Agency for Technical Cooperation and Development
- ADRA Adventist Development Council Agency
- CRS Catholic Relief Services
- AFRCO African Relief Committee Organisation
- SI Solidarité International
- Save the Children
- MC Mercy Corps

## **About REACH**

REACH Initiative facilitates the development of information tools and products that enhance the capacity of aid actors to make evidence-based decisions in emergency, recovery and development contexts. The methodologies used by REACH include primary data collection and in-depth analysis, and all activities are conducted through inter-agency aid coordination mechanisms. REACH is a joint initiative of IMPACT Initiatives, ACTED and the United Nations Institute for Training and Research - Operational Satellite Applications Programme (UNITAR-UNOSAT).

