

Sudan | Joint Market Monitoring Initiative (JMMI)

February 2024

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 cash-based interventions and gain a deeper understanding of market dynamics in the country. The JMMI aims to inform market-based 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)¹, (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 **February 10-20, 2024**.

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.

7	Participating partners
29	Assessed localities
630	Key informants
36	Commodities assessed

KEY INDICATORS

Cost of MEB
280,353 SDG
265 USD²

Monthly change since January 2024:
 ▲ 20,545 SDG
 ▲ + 7.91%

Cost of MEB with top-up items³
365,954 SDG
346 USD²

Monthly change since January 2024:
 ▲ 53,006 SDG
 ▲ + 16.95%

USD / SDG
1,057.68 SDG

Monthly change since January 2024
 ▲ +111.01 SDG
 ▲ + 12%

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). The **most expensive MEB was recorded in Sharg Aj Jabal locality** in South Darfur State (359,636 SDG) for the MEB without top-up items and **Beliel locality** in South Darfur State (537,098 SDG) for the MEB with top up items.
- The median cost of the food items in the MEB indicated a slight increase of 0.3% from January 2024 (128,894 SDG) to February 2024 (129,340 SDG) as compared to the notable **increase (61%) in the median cost of the food items in the MEB observed** from December 2023 (80,289 SDG) to January 2024 (128,894 SDG) across the assessed localities which can be attributed to some level of improved market functionality more so the availability dimension of goods in many of the assessed markets. The most expensive food components of the MEB were reported in Beliel, South Darfur (177,836 SDG) due to partial or complete unavailability of commodities while on the other hand, the lowest were reported in Wasat Jabal Marrah, Central Darfur (67,923 SDG).
- The **median cost of the non-food items (NFI) in the MEB increased by 33%** from January 2024 (60,152 SDG) to February 2024 (80,251 SDG) across the assessed localities. The increase can be attributed to the high prices and limited availability of household items such as water containers, water supply, gas refill and gas cylinders. The most expensive NFI component of the MEB (without top-up items) was reported in Sharg Aj Jabal, South Darfur (127,590 SDG) and the lowest in Al Kurmuk, Blue Nile (42,969 SDG).
- Overall, **markets tend to be least functional in the Greater Darfur region and in South Kordofan state**, where majority of the assessed markets scored less than 50 out of the maximum total score of 100. The findings from this assessment show that the high prices of items, low market access, low resilience and poor infrastructure negatively impacted the functionality of the markets.

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.

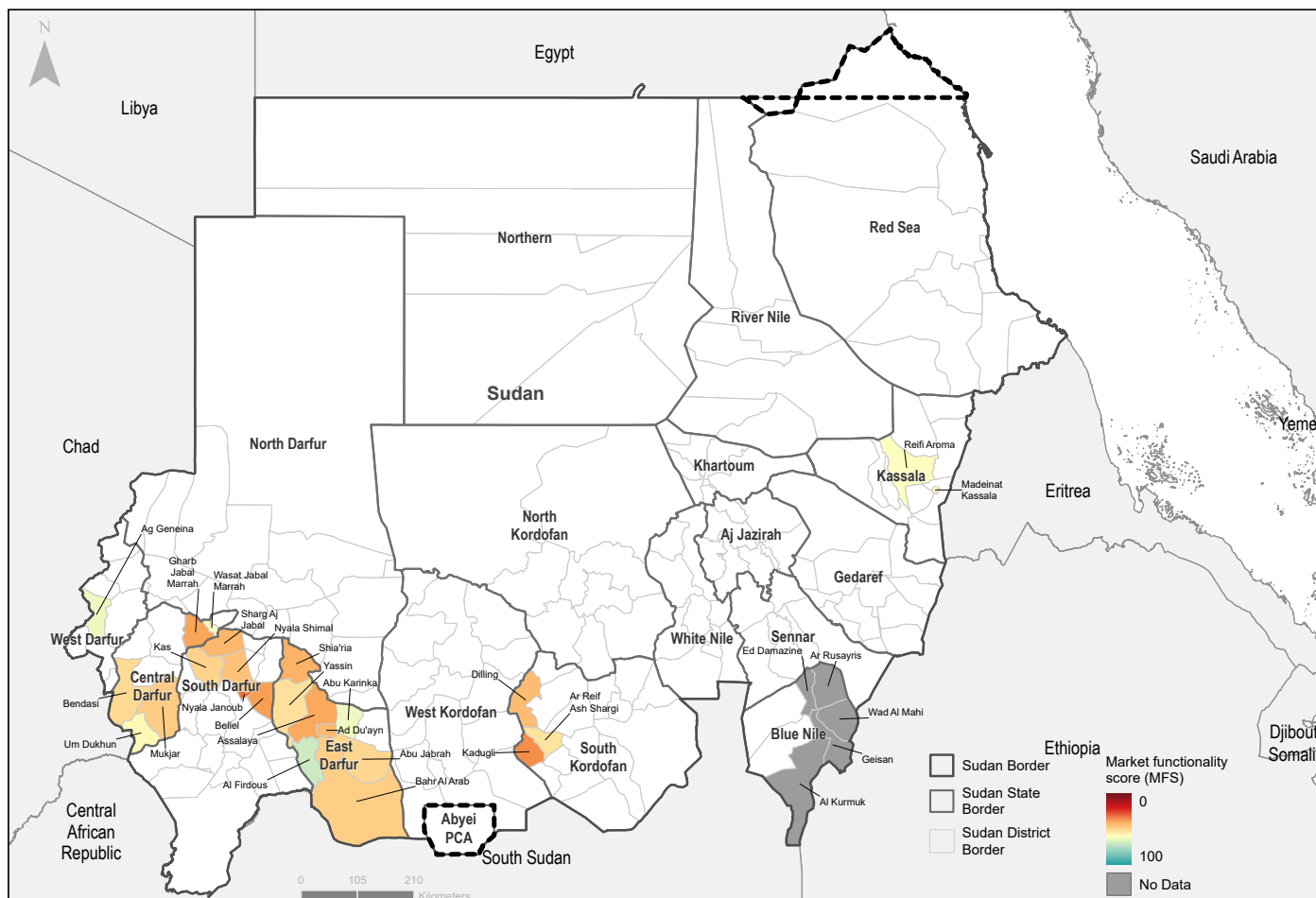
- **Accessibility (25%):** physical and social access to markets
- **Availability (30%):** ability of markets to consistently supply core commodities
- **Affordability (15%):** financial access to markets and price volatility
- **Resilience (20%):** vulnerability of supply chains and ease of restocking
- **Infrastructure (10%):** state of markets' physical and financial infrastructure

February 2024 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 36 - 49 (11 localities) to 50 - 64 (8 localities) out of the maximum total score of 100. Markets in the localities of Nyala Janoub and Beliel had a particularly low functionality score: 36 and 41, respectively. In the East of the country, results varied notably across states. Markets in the 2 assessed localities in Kassala (Medeinat Kassala and Reifi Aroma) scored 56 and 57 respectively. .

*Findings indicate that **markets in Greater Darfur region and in South Kordofan state may have lower functionality, which may impact on effective delivery of goods through cash-based interventions.** Low market functionality in the greater Darfur region and South Kordofan can be attributed to the escalating conflict hindering access to market.

MARKET FUNCTIONALITY SCORE PER LOCALITY



In the Greater Darfur region, the functionality of assessed markets is adversely affected by high prices of items, low market access, low market resilience and poor infrastructure. In terms of accessibility, the assessed markets in the Greater Darfur region scored between 3 and 18 out of a maximum score of 25. **Low functionality of markets in Kadugli locality, South Kordofan state, was also driven by very low market accessibility and resilience gaps.** Overall, **despite the relatively low MFS recorded across most of the markets assessed, findings also show that the items in the MEB generally remains available.** For a detailed overview of the MFS in Sudan, please refer to the Annex on the Market Functionality score on page 13.

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 Cash Working Group (CWG) in consultation with relevant sector leads.

Food items

Product	Unit ⁸	Quantity in MEB ⁹
Sorghum	1 kilogram (kg)	81 kg
Onions	1 kilogram (kg)	9 kg
Veg oil	1 liter (L)	4.5 L
Milk	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
Sugar	1 kilogram (kg)	7.2

Household & hygiene NFIs

Product	Unit ⁸	Quantity in MEB ⁹
LPG* refill	12.5 liters (L)	12.5 Kgs**
Water refill	20 liters (L)	20L
Body soap	125 grams (g)	12 bars
Tooth paste	100 milliliters (mL)	1 tube
Toothbrush	1 piece (pc)	1 piece
Laundry soap	200 grams (g)	6 bars
Liquid dish soap	600 milliliters (mL)	1 bottle
Sanitary pads	8 pieces/package	3 packages
Additional Items		
Charcoal	1 kilogram (kg)	60 kg
Firewood	1 kilogram (kg)	60 kg

* Liquefied petroleum gas

** LPG refill - 12.5 KG represents a quarterly expense which is equivalent to approx 4.2 KGs a month.

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	Unit ⁸	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.

Medical expenses	16,489 SDG
Education	15,503 SDG
Clothes	6,620 SDG
Transportation	9,547 SDG
Communication	3,603 SDG
Energy for lighting	19,000 SDG

February 2024 MEB key findings

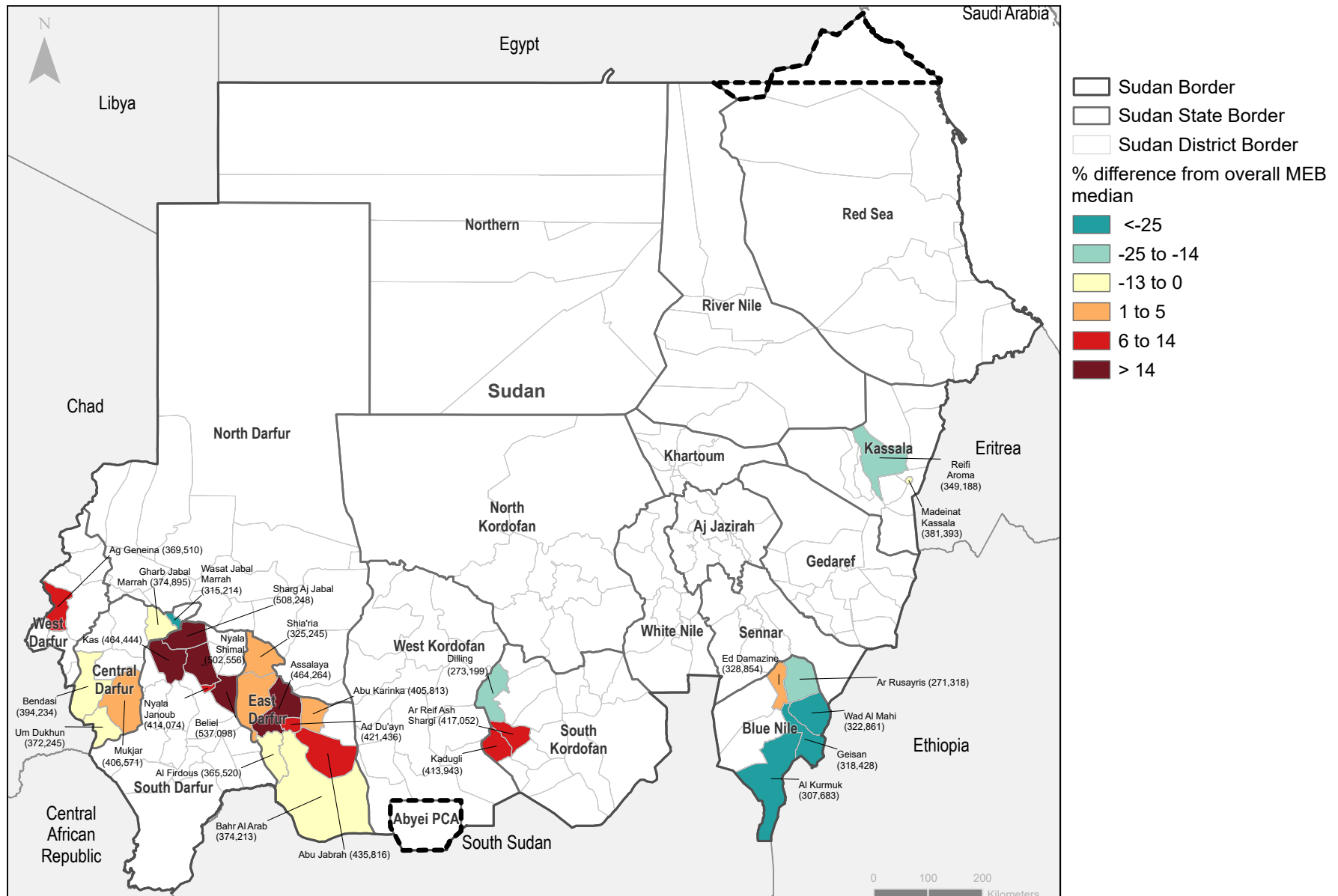
The cost of the median MEB without top-up items across the assessed localities revealed an **8% increase compared to January 2024**, reaching a total cost of **280,353 SDG (265 USD)**.

The increased cost of the MEB can be mainly attributed to a rise in prices for food and household items items composing the MEB. The **highest median cost of the MEBs were recorded in South Darfur, East Darfur, Central Darfur, West Darfur and Kassala**.

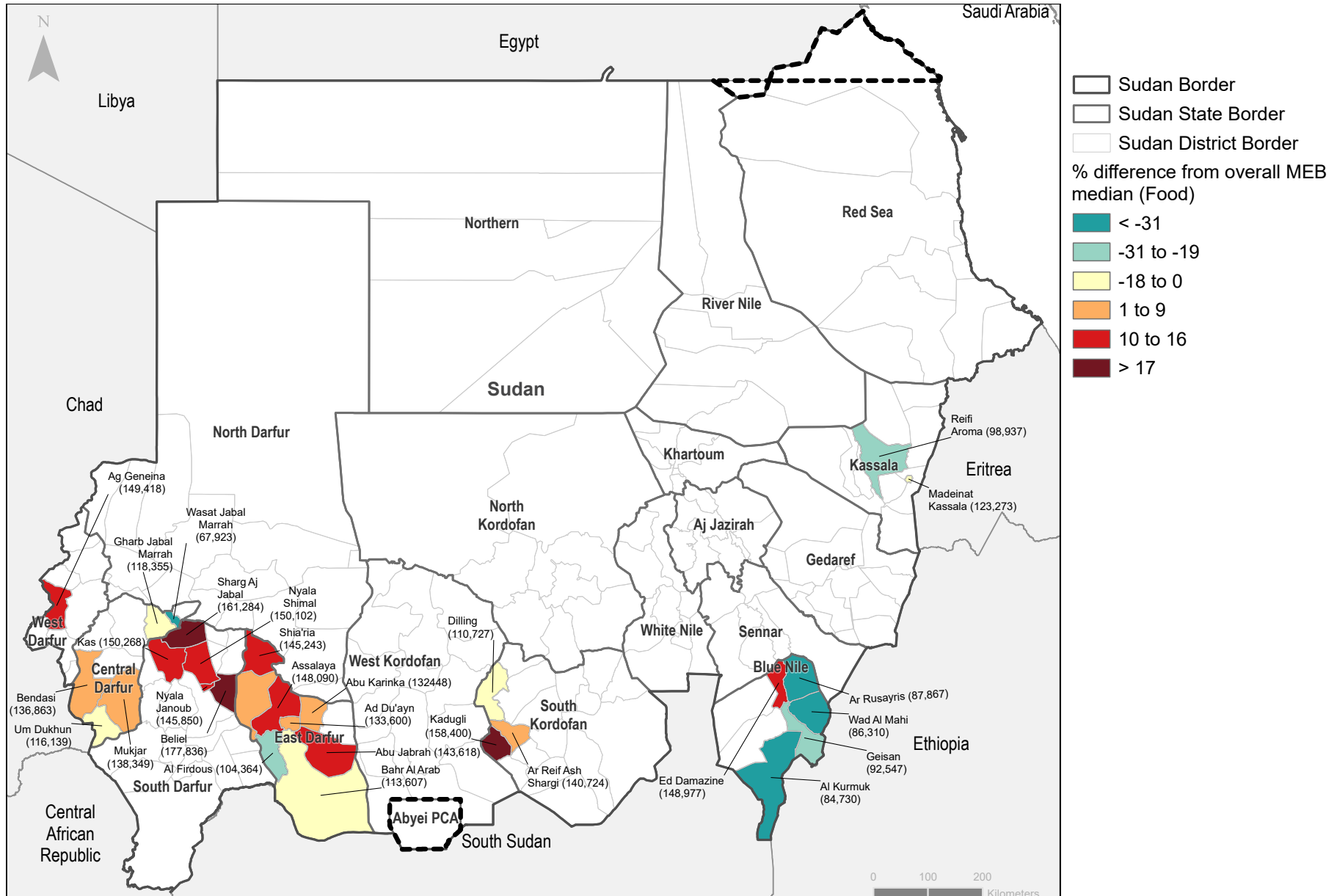
The **high cost of MEB in the greater Darfur region can be attributed to escalation of hostilities**.

Location	Median MEB cost (SDG)	Change since January 2024	Median MEB with top-up (SDG)	Median MEB with top-up (USD)
Blue Nile				
Al Kurmuk	198'461	▼ - 17%	307'683	291
Ar Rusayris	229'651	▲ + 24%	271'318	257
Ed Damazine	290'521	▼ - 10%	328'854	311
Geisan	209'206	▲ + 0.5%	318'428	301
Wad Al Mahi	214'305	▼ - 2%	322'861	305
East Darfur				
Abu Jabrah	320'260	▲ + 5%	435'816	412
Ad Du'ayn	309'826	▲ + 7%	421'436	398
Shia'ria	291'912	n.a	325'245	308
Al Firdous	256'909	n.a	365'520	346
Abu Karinka	293'924	n.a	405'813	384
Bahr Al Arab	263'602	n.a	374'213	353
Assalaya	338'486	▲ + 4%	464'264	439
Yassin	288'136	n.a	323'796	306
Kassala				
Madeinat Kassala	263'643	n.a	381'393	361
Reifi Aroma	239'410	n.a	349'188	330
South Darfur				
Kas	331'444	▲ + 5%	464'444	439
Sharg Aj Jabal	359'636	▼ - 6%	508'248	481
Beliel	355'320	▼ - 5%	537'098	508
Nyala Shimal	342'445	▲ + 19%	502'556	475
Nyala Janoub	302'185	▲ + 14%	414'074	391
South Kordofan				
Ar Reif Ash Shargi	306'719	▲ + 16%	417'052	394
Kadugli*	304,165	▼ - 6%	413,943	391
Dilling	241,150	n.a	273'199	258
West Darfur				
Ag Geneina	308,954	▼ - 23%	369,510	349
Central Darfur				
Bendasi	276,678	n.a	394,234	373
Mukjar	287,904	n.a	406,571	384
Gharb Jabal Marah	260,256	n.a	374,895	354
Um Dukhum	254,134	n.a	372,245	352
Wasat Jabal Marah	202'658	na	315'214	298
Overall	280,353	▲ +7.91%	365,964	346

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



AVAILABILITY OF FOOD ITEMS

At the time of data collection, most vendors reported **widespread availability of all monitored food items** in their market, with the exception of milk, which 29% of vendors reported being limited or unavailable.

Partial and complete unavailability of food items were more frequently reported in the states of the Greater Darfur region, South Kordofan and Kassala.

On average, 42% of the vendors in South Darfur, West Darfur, East Darfur and South Kordofan In Aj Jazirah, South Darfur, South Kordofan reported sorghum as widely available in their markets as compared to over 70% in Blue Nile, Central Darfur and Kassala.

EVOLUTION OF FOOD PRICES

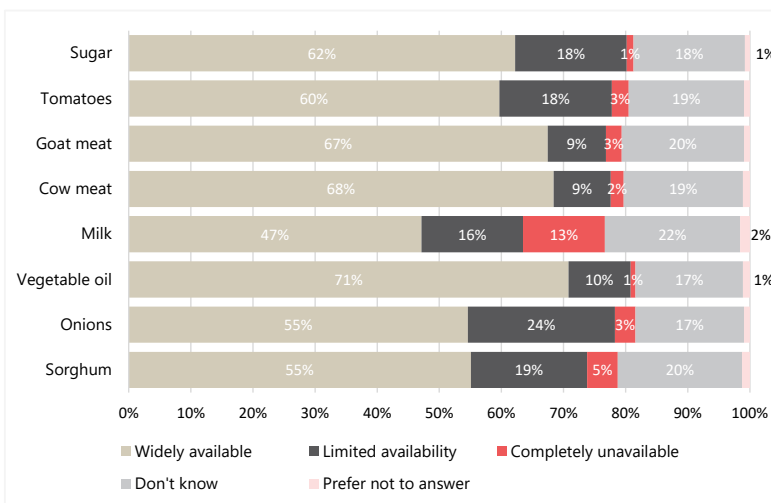
At the national level, **the cost of the food component of the MEB increased slightly by 0.3% between January 2024 and February 2024.**

Food price evolution varied across states and localities, with the highest increases being observed in Beliel and Sharg Aj Jabal locality, South Darfur and Kadugli locality, South Kordofan.

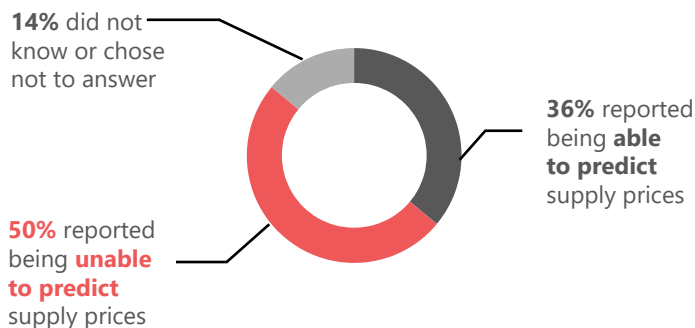
The increase in prices since January can be attributed to higher incidence of armed clashes that hindered flow of goods to markets.

The most significant decreases in food prices were recorded in Wasat Jabal Marrah locality, Central Darfur and Al Kurmuk in Blue Nile.

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

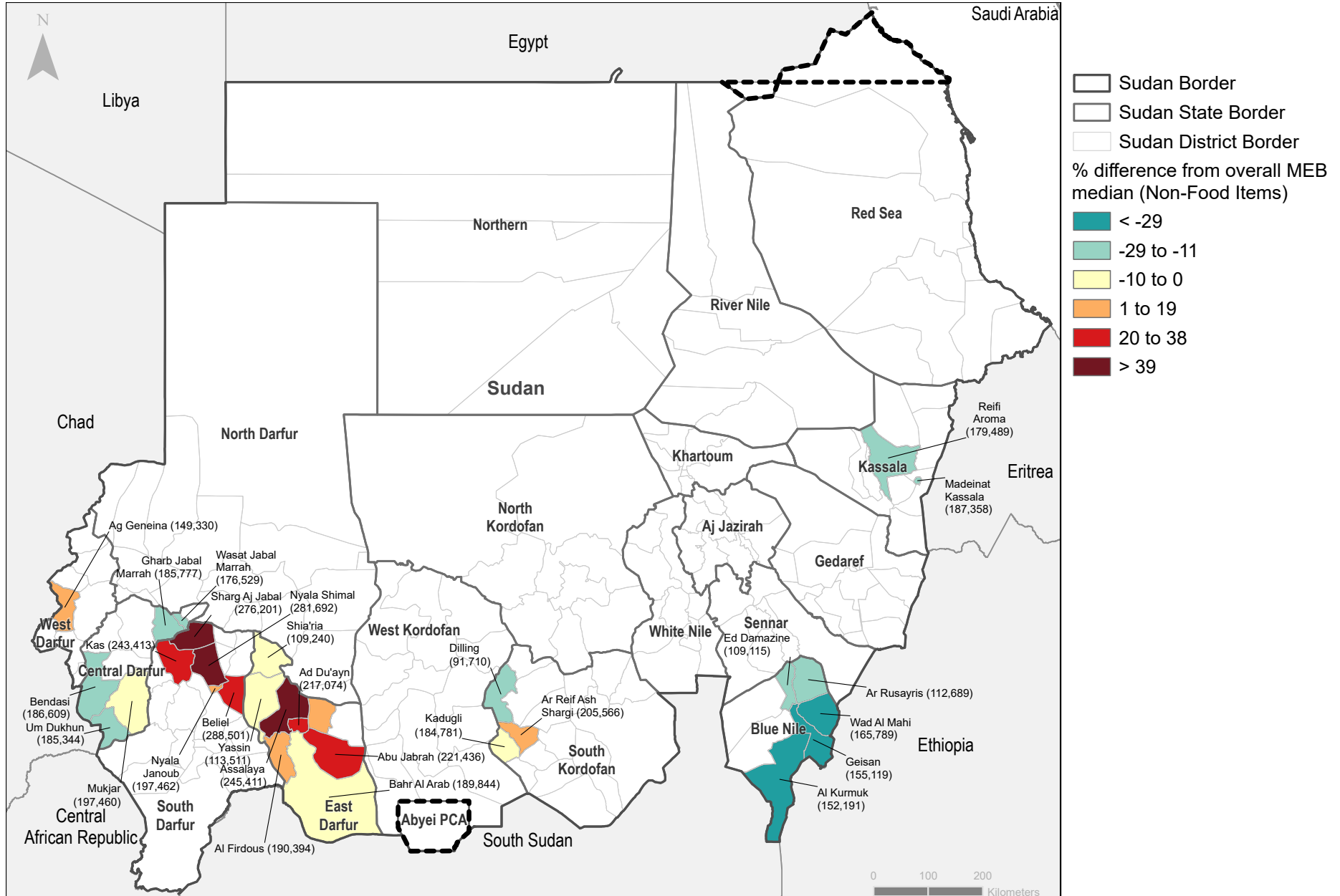


Reported ability of food vendors to predict supply prices one month from data collection



Location	Median food basket cost(SDG)	Median food basket cost(USD)	Change since January 2024
Blue Nile			
Al Kurmuk	90'452	86	▲ + 7%
Ar Rusayris	86'562	82	▲ + 24%
Ed Damazine	148'977	141	▼ - 18%
Geisan	92'300	87	▼ - 0.7%
Wad Al Mahi	87'450	83	▲ + 3%
East Darfur			
Abu Jabrah	153'407	145	▲ + 25%
Ad Du'ayn	136'040	129	▲ + 31%
Shiaria	161'480	153	n.a
Al Firdous	99'059	94	n.a
Abu Karinka	131'193	124	n.a
Bahr Al Arab	120'849	114	n.a
Assalaya	157'616	149	▲ + 27%
Yassin	147'154	139	n.a
Kassala			
Madeinat Kassala	123'273	117	n.a
Reifi Aroma	98'937	94	n.a
South Darfur			
Kas	150'268	142	▲ + 8%
Sharg Aj Jabal	161'284	152	▼ - 15%
Beliel	177'836	168	▼ - 0.7%
Nyala Shimal	150'102	142	▲ + 3%
Nyala Janoub	145'850	138	▲ + 14%
South Kordofan			
Ar Reif Ash Shargi	140'724	133	▲ + 29%
Kadugli*	158'400	150	▼ - 17%
Dilling	110'727	105	n.a
Wset Darfur			
Ag Geneina	149,418	141	▼ - 38%
Central Darfur			
Bendasi	136'863	129	n.a
Mukjar	138'349	131	n.a
Gharb Jabal Marah	118'355	112	n.a
Um Dukhum	116'139	110	n.a
Wasat Jabal Marah	67'923	64	n.a
Overall	129,340	122	▲ + 0.3%

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

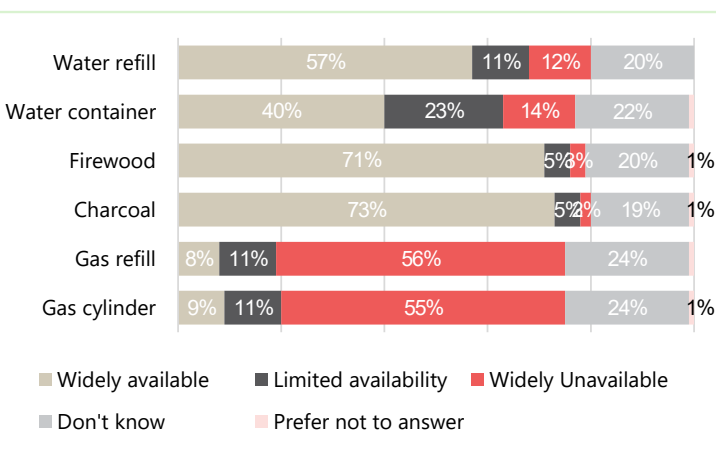


PRICES & AVAILABILITY OF NFIs

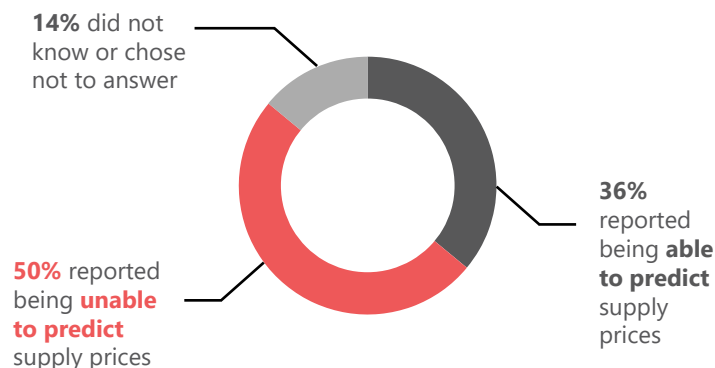
At the time of data collection, more than 50% of the vendors reported **widespread availability of all monitored hygiene items, except for sanitary pads**, which were reported as limited or completely unavailable by 54% of vendors. According to over 70% of the vendors, firewood and charcoal were widely available while water containers (37%) and supplies (23%) presented more challenges to acquire. **Liquified petroleum gas (LPG) containers and refills were reportedly even more scarce**, with over 65% of the vendors reporting these items as limited or completely unavailable.

An increase of 33% of the cost of the NFI component of the MEB was recorded between January 2024 and February 2024, high prices and limited availability of household items such as water containers, water supply, gas refill and gas cylinders.

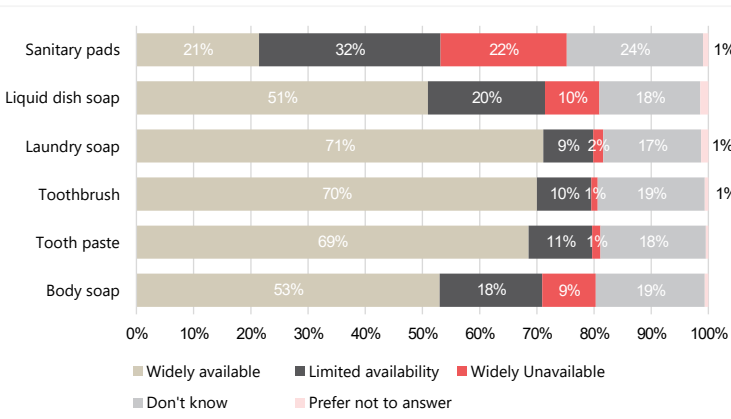
Reported availability of household items in assessed markets at time of data collection



Reported ability of NFI vendors to predict supply prices one month from data collection



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



Location	Median NFI basket cost(SDG)	Change since January 2024	Median NFI with top-up (SDG)	Median NFI with top-up (USD ¹⁰)
Blue Nile				
Al Kurmuk	42'969	▼ - 50%	152'191	144
Ar Rusayris	71'022	▲ + 60%	112'689	107
Ed Damazine	70'782	▲ + 3%	109'115	103
Geisan	45'897	▲ + 3%	155'119	147
Wad Al Mahi	57'233	▼ - 9%	165'789	157
East Darfur				
Abu Jabrah	105'880	▼ - 4%	221'436	209
Ad Du'ayn	105'463	▼ - 9%	217'074	205
Shia'ria	75'907	n.a	109'240	103
Al Firdous	81'783	n.a	190'394	180
Abu Karinka	90'713	n.a	202'602	192
Bahr Al Arab	79'233	n.a	189'844	179
Assalaya	119'633	▼ - 9%	245'411	232
Yassin	77'851	n.a	113'511	107
Kassala				
Madeinat Kassala	69'608	n.a	187'358	177
Reifi Aroma	69'711	n.a	179'489	170
South Darfur				
Kas	110'413	▲ + 5%	243'413	230
Sharg Aj Jabal	127'590	▲ + 4%	276'201	261
Beliel	106'723	▼ - 13%	288'501	273
Nyala Shimal	121'581	▲ + 72%	281'692	266
Nyala Janoub	85'573	▲ + 28%	197'462	187
South Kordofan				
Ar Reif Ash Shargi	95'233	▲ + 12%	205'566	194
Kadugli*	75'003	▲ + 23%	184'781	175
Dilling	59'661	n.a	91'710	87
Wset Darfur				
Ag Geneina	88,774	▲ + 0.2%	149,330	141
Central Darfur				
Bendasi	69'053	n.a	186'609	176
Mukjar	78'793	n.a	197'460	187
Gharb Jabal Marah	71'138	n.a	185'777	176
Um Dukhum	67'233	n.a	185'344	175
Wasat Jabal Marah	63'973	n.a	176'529	167
Overall	80,251	▲ + 33%	165,862	157

PAYMENT MODALITIES

In February 2024, **cash (SDG) remained the predominant payment modality accepted by 98% of the vendors followed by informal credit and mobile money.** Similar to the findings in January 2024, 49% of interviewed vendors reported only accepting cash from their customers over the month preceding data collection. The most common alternative payment methods to cash were informal forms of credit accepted by 21% of the vendors.

STOCKS AND SUPPLIES

46% of the interviewed vendors reported facing **difficulties in acquiring enough items to meet customers' demands.** 73% of vendors reported **difficulties in keeping their business operational and well-stocked;** reportedly due to a lack of availability of core goods, high prices charged by suppliers, or difficulties accessing money to pay suppliers.

Challenges regarding supplies and maintaining business operations were notably more frequently reported in areas that are affected by conflict.

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

	Food	Hygiene/ Household
Stock	7.5 days	18 days
Restock	3.5 days	4 days

89%

of the interviewed vendors reported having **access to a secure and locked storage** on the marketplace.

46%

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 (select multiple choice)

Food items (N=179)



Household items (N=139)



Hygiene items (N=148)



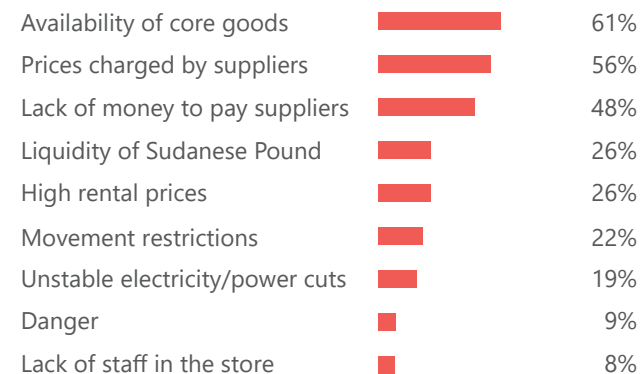
73%

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

East Darfur	24%	Kassala	7%
South Kordofan	24%	West Darfur	5%
Central Darfur	23%	South Darfur	3%
Blue Nile	14%		

Main issues cited by vendors reporting difficulties keeping business operational and well-stocked (N=452) (select multiple choice)



MARKET ACCESS

82% of interviewed vendors reported **financial barriers to market access** for customers, 53% reported **problems preventing physical and social market access** while 56% reported a **negative impact of security factors on their business**. These difficulties were reported by a higher proportion of interviewed vendors in the states of South Darfur, East Darfur, Central Darfur and South Kordofan mainly triggered by conflict.

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

South Darfur	86%	Kassala	33%
East Darfur	49%	Central Darfur	42%
West Darfur	27%	Blue Nile	0%
South Kordofan	79%		

Main issues cited by vendors reporting on market problems to access their marketplace (N=286) (select multiple choice)

Active fighting in the area	51%
Curfew or movement restrictions	44%
Damaged roads	37%
Lack of transportation	27%
Feeling unsafe	23%
Facilities issue	10%
Market opened at limited times	9%

56%

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	86%	Kassala	24%
East Darfur	40%	Central Darfur	47%
West Darfur	23%	Blue Nile	0%
South Kordofan	85%		

Main issues cited by vendors reporting negative impact of security context on their business (N=289) (select multiple choice)

Fear of insecurities	67%
Curfew or movement restrictions	51%
Fear of criminality	36%
Fear of discriminations	21%
Fear of hazard	19%
Fear of detention	13%
Fear of physical harrassment	12%
Fear of sexual abuse	7%

82%

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	95%	Kassala	71%
East Darfur	69%	Central Darfur	73%
West Darfur	60%	Blue Nile	0%
South Kordofan	90%		

Main issues cited by vendors regarding customers facing financial challenges accessing goods (N=499) (select multiple choice)

Cannot afford items	72%
Low liquidity of Sudanese pound	51%
Payment modality not accepted	39%
Cannot afford fuel	19%
Cannot afford transport	18%
Debt	12%

KITCHEN SET

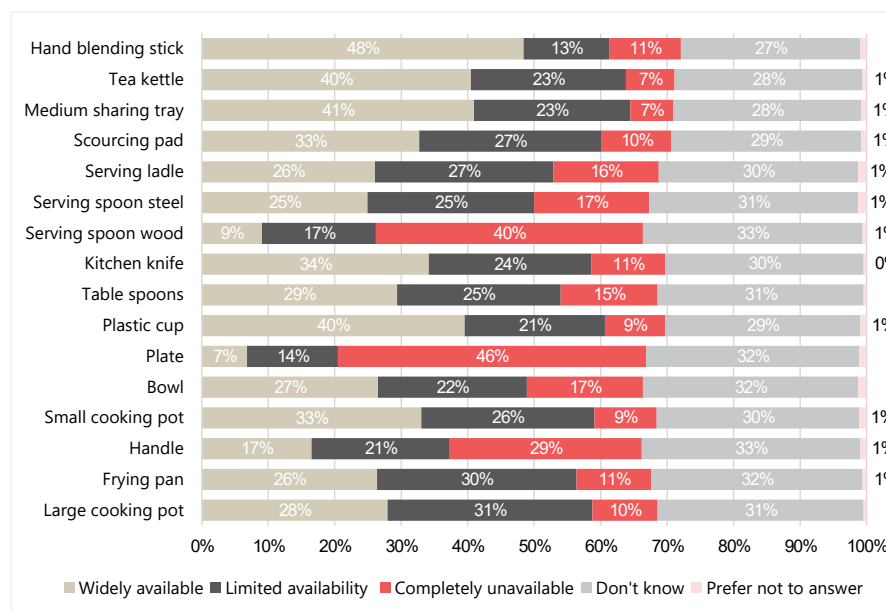
The content of the kitchen set was agreed upon in collaboration with the MEB TWG and Shelter/NFI Cluster, and was added to the items monitored in the JMMI in January 2024.

Product	Unit ⁴
Large aluminum cooking pot	7 liters
Large aluminum frying pan	2.5 liters
Detachable handle for frying pan	for 2.5 liters
Small aluminum cooking pot with lid	5 liters
Stainless steel bowl	1 liter
Ceramic plate	1 kilogram (kg)
Stainless steel table-spoon	1 piece
Kitchen knife with stainless steel blade	1 piece
Wooden serving spoon	1 piece
Stainless steel serving spoon	1 piece
Stainless steel serving ladle	1 piece
Stainless steel scouring pad	1 piece
Medium circular tray for sharing	1 piece
Tea kettle	1 piece
Hand blending stick in one	1 piece

PRICE AND AVAILABILITY

In the assessed markets, the highest price for the kitchen set was recorded in Beliel (South Darfur) and the lowest in Shia'ria (East Darfur). The highest prices for the kitchen set were recorded in West Darfur, South Darfur and South Kordofan. The least available items were plate, serving spoon in wood and handles. Findings indicate limited availability and/or completely unavailable, underscoring the limited availability of the kitchen set in the assessed localities.

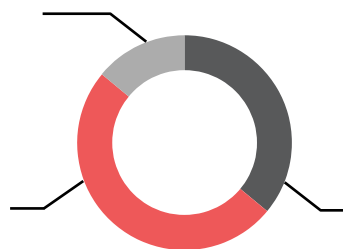
Reported availability of kitchen set items in assessed markets at time of data collection



Reported ability of kitchen items vendors to predict supply prices one month from data collection

14% did not know or chose not to answer

50% reported being **unable to predict**

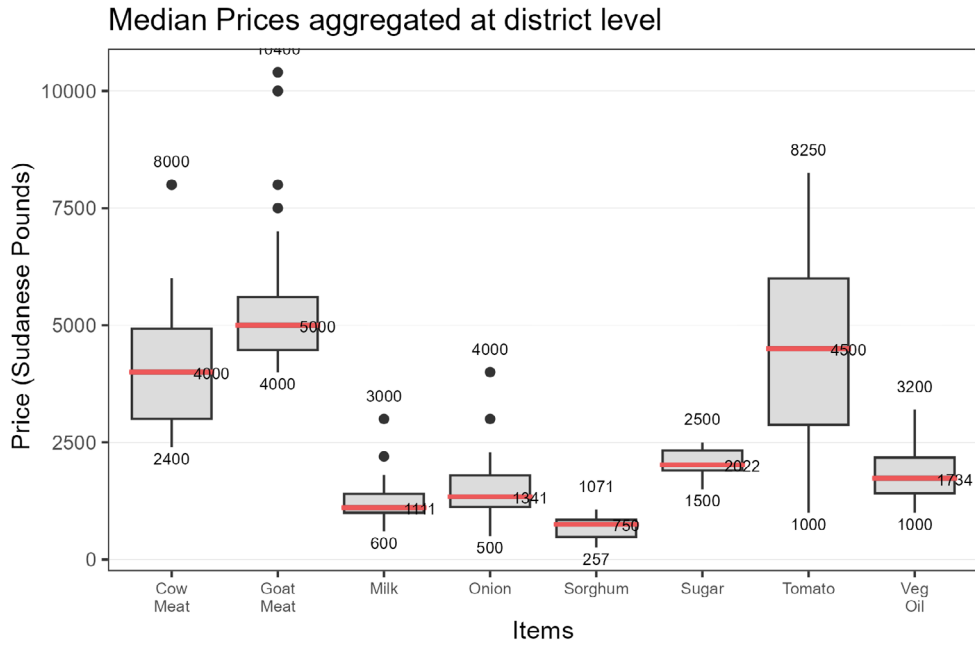


36% reported being **able to predict supply**

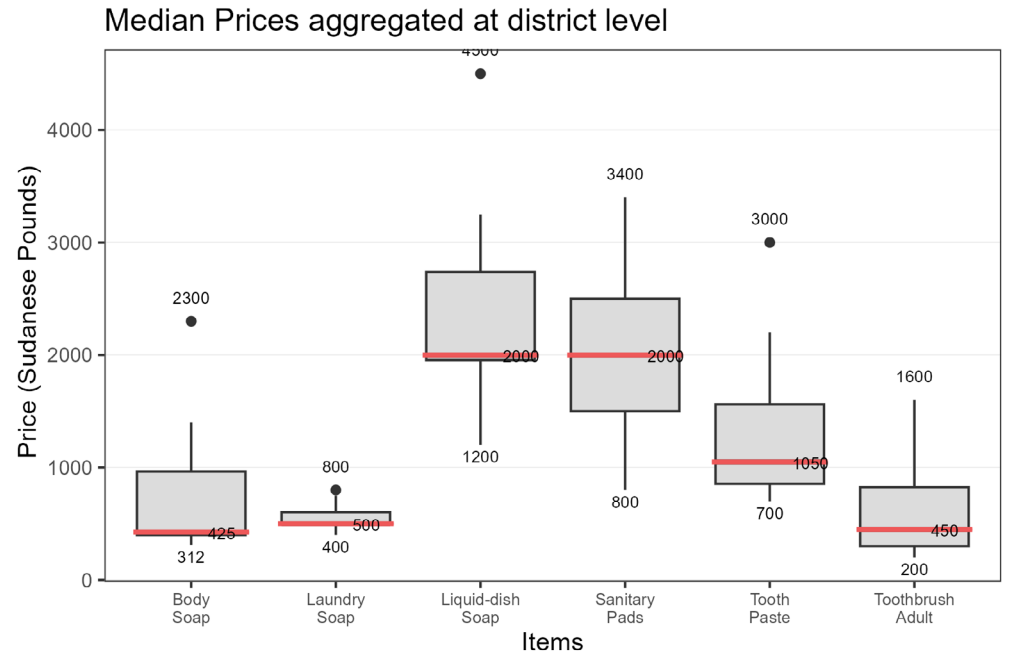
Location	Kitchen set (SDG)	Kitchen set (USD)
Blue Nile		
Al Kurmuk	47'500	45
Ar Rusayris	39'950	38
Ed Damazine	45'350	43
Geisan	61'000	58
East Darfur		
Abu Jabrah	70'225	66
Ad Du'ayn	62'075	59
Shiaria	36'900	35
Al Firdous	56'150	53
Abu Karinka	41'900	40
Bahr Al Arab	39'000	37
Assalaya	53'400	50
Yassin	51'125	48
Kassala		
Madinat Kassala	60,600	57
South Darfur		
Kas	79'400	75
Sharg Aj Jabal	78'800	75
Beliel	112'550	106
Nyala Shimal	52'225	49
Nyala Janoub	72'175	68
South Kordofan		
Ar Reif Ash Shargi	97'500	92
Kadugli*	83'600	79
Dilling	52'765	50
West Darfur		
Ag Geneina	102,300	97
Central Darfur		
Bendasi	68'625	65
Mukjar	83'325	79
Gharb Jabal Marrah	55'250	52
Um Dukhum	107'225	101
Wasat Jabal Marrah	67'100	63
Overall	66,225	63

DISTRIBUTION OF PRICES

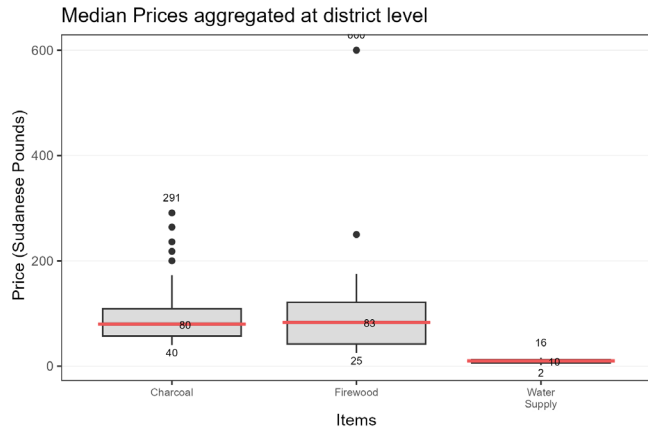
Food items



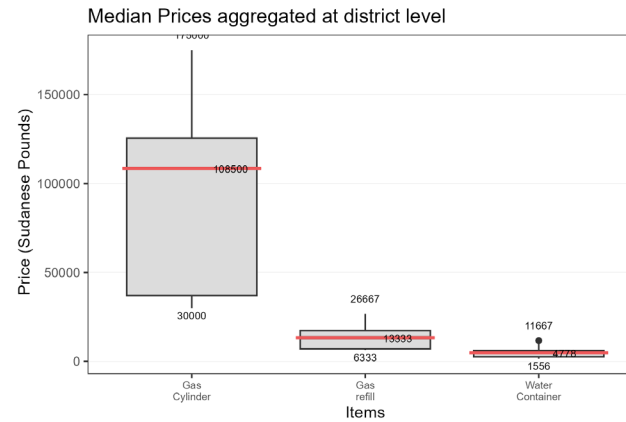
Hygiene Items (NFIs)



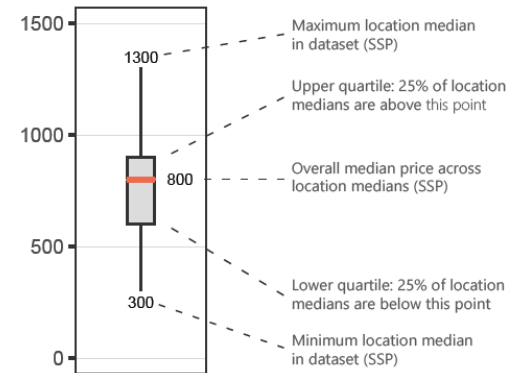
Household Items 1 (NFIs)



Household Items 2 (NFIs)



How to read a boxplot



MARKET FUNCTIONALITY SCORE PER LOCALITY

Localities	Accessibility					Availability		Affordability				Resilience			Infrastructure				Total MFS	
	Main dimension	Physical access	Physical road Access	Social access	Safety and security	Main dimension	Availability	Main dimension	Affordability	Finance	Price volatility	Main dimension	Supply diversity	resilience supply	Main dimension	Facilities	Storage	Payment		
Maximum score	25	8	4	2	3	30	60	15	12	9	6	20	12	9	10	4	3	3	100	
South Darfur																				
Kas	3	0	0	2	0	29	58	2	3	0	0	9	9	0	7	2	2	3	49	
Sharg Aj Jabal	3	0	0	2	0	29	58	1	2	0	0	9	9	0	3	0	1	2	45	
Beliel	12	2	4	2	0	5	10	9	1	9	6	9	9	0	7	4	3	0	41	
Nyala Shimal	9	0	4	2	0	20	40	5	3	0	6	9	9	0	4	4	0	0	47	
Nyala Janoub	6	0	2	2	0	17	34	3	5	0	0	9	9	0	2	2	0	0	36	
West Darfur																				
Ag Geneina	15	4	4	2	0	26	51	5	5	3	2	9	9	0	5	4	1	0	59	
East Darfur																				
Abu Jabrah	4	0	1	2	0	26	52	6	5	0	6	9	9	0	5	1	3	1	50	
Ad Du'ayn	4	0	1	2	0	24	48	5	5	0	4	9	9	0	3	1	1	1	45	
Shiaria	3	0	2	0	0	25	49	7	7	3	2	4	4	0	6	3	2	1	44	
Al Firdous	18	4	4	2	2	22	44	11	7	6	6	8	5	3	6	4	2	0	64	
Abu Karinka	13	4	4	0	1	25	49	11	8	6	6	6	6	0	5	4	1	0	59	
Bahr Al Arab	9	2	2	2	0	23	45	6	8	0	2	7	7	0	5	3	1	1	49	
Assalaya	4	0	1	2	0	26	52	5	3	0	6	4	4	0	3	1	1	1	42	
Yassin	9	2	4	0	0	25	49	7	7	3	2	7	7	0	5	4	1	0	52	
South Kordofan																				
Ar Reif Ash Shargi	9	0	4	2	0	20	40	5	6	3	0	9	9	0	10	4	3	3	52	
Kadugli	1	0	1	0	0	26	51	3	6	0	0	1	1	0	8	4	1	3	39	
Dilling	4	0	3	0	0	23	46	4	8	0	0	8	8	0	6	4	0	2	45	
Blue Nile*																				
Ed Damazine	n.a	n.a	n.a	n.a	n.a	30	60	5	8	0	2	6	6	0	n.a	n.a	3	3	n.a	
Al Kurmuk	n.a	n.a	n.a	n.a	n.a	27	53	4	8	0	0	9	9	0	n.a	n.a	2	2	n.a	
Ar Rusayris	n.a	n.a	n.a	n.a	n.a	30	60	5	9	0	0	9	9	0	n.a	n.a	2	3	n.a	
Geisan	n.a	n.a	n.a	n.a	n.a	26	51	4	7	0	0	11	9	3	n.a	n.a	2	2	n.a	
Wad Al Mahi	n.a	n.a	n.a	n.a	n.a	27	53	6	8	0	2	6	6	0	n.a	n.a	3	2	n.a	
Central Darfur																				
Bendasi	3	0	2	0	0	26	52	4	7	0	0	9	9	0	9	4	3	2	51	
Mukjar	1	0	1	0	0	26	52	4	6	0	2	9	9	0	8	4	3	1	48	
Gharb Jabal Marrah	1	0	1	0	0	24	48	4	7	0	0	8	8	0	5	4	0	1	42	
Um Dukhun	9	2	4	0	0	25	50	6	5	3	2	9	9	0	8	4	2	2	56	
Wasat Jabal Marrah	16	4	4	2	1	25	49	5	7	0	2	7	7	0	6	4	1	1	58	
Kassala																				
Madeinat Kassala	9	2	4	0	0	30	60	7	7	3	2	5	5	0	6	4	0	2	56	
Reifi Aroma	6	2	2	0	0	29	58	6	7	3	0	9	6	3	8	4	3	1	57	

MEDIAN ITEM PRICES PER LOCALITY (in SDG)

Localities	Sorghum grain 1kg	Onions 1kg	Vegetable Oil 1L	Milk (fresh) 1L	Cow Meat (fresh) 1kg	Goat Meat (fresh) 1kg	Tomato Paste 1kg	Sugar 1kg	Gas Container 12.5L	Gas Refill 4L	Charcoal 1kg	Firewood 1kg	Water Container 20L	Water supply 20L	Body Soap 125g	Tooth paste 100ml	Tooth brush 1piece	Laundry Soap 200g	Liquid Dish Soap 600ml	Sanitary Pads 8pieces
South Darfur																				
Kas	771	1314	1667	1800	4300	5300	7500	2500	127000	25333	80	150	6000	12	400	2000	1600	600	2400	3400
Sharg Aj Jabal	814	1343	2083	2200	4300	5550	8250	2500	142500	23000	173	125	6111	16	400	1900	1400	600	2650	3200
Beliel	971	1929	2833	1400	5250	5750	7750	2500	175000	15833	291	175	6778	11	1400	2200	1200	700	3250	2600
Nyala Shimal	1071	1586	2208	1250	4200	5350	1938	2250	154000	18833	264	104	6111	15	954	1325	600	750	2000	2425
Nyala Janoub	914	1286	2167	1000	4000	5300	5000	2100	n.a	n.a	236	n.a	n.a	6	2300	1100	1000	500	2400	2300
West Darfur																				
Ag Geneina	778	2000	2400	3000	3000	5000	5000	2000	55000	10000	100	250	5556	12	312	1500	300	500	3000	2250
East Darfur																				
Abu Jabrah	843	1798	2167	1778	3750	4300	3750	2400	110000	14500	87	75	5556	12	1350	1000	900	750	2300	2000
Ad Du'ayn	743	1124	1667	1400	4000	5000	6000	2000	107000	15333	80	83	4611	12	1300	950	600	500	2000	2500
Shiaria	857	1685	1667	778	4000	5000	6000	2022	30000	10000	127	100	3333	10	400	800	400	500	1590	1639
Al Firdous	500	1124	1333	1111	4000	5000	4500	2000	n.a	n.a	67	58	1611	10	400	800	400	500	2000	2350
Abu Karinka	1000	1124	1000	1111	3000	4500	2054	2200	n.a	n.a	67	83	n.a	12	450	800	300	500	2000	1800
Bahr Al Arab	771	1348	1500	1222	4000	4750	1000	2000	n.a	n.a	67	29	3611	10	500	800	300	450	1500	1400
Assalaya	971	1798	1667	1778	4000	5000	2750	2400	121000	13333	200	83	4778	15	1000	1400	800	700	3000	3100
Yassin	900	1124	1417	1211	3750	5000	4944	2022	30000	6667	91	83	5660	11	400	794	350	500	2000	1600
South Kordofan																				
Ar Reif Ash Shargi	757	2143	1000	1000	2800	4800	6000	2400	n.a	n.a	73	50	3333	n.a	1000	2000	400	500	4500	3200
Kadugli*	1000	2400	2320	1160	2800	5200	3800	2200	n.a	26667	40	42	2778	6	333	1300	500	800	3000	1500
Dilling	643	2286	1100	n.a	2400	4400	1000	2400	30000	n.a	100	25	2049	5	869	700	500	500	2000	1500
Blue Nile																				
Al Kurmuk	286	1000	2800	1000	5000	5004	3000	1800	n.a	n.a	40	42	2222	2	828	952	250	600	1818	1000
Ar Rusayris	357	1000	1800	1000	4900	8000	3000	1700	40000	7000	60	42	1667	n.a	400	873	200	600	1749	800
Ed Damazine	667	3000	3200	1000	6000	10000	4500	2000	36000	7000	40	42	2333	n.a	357	776	250	612	1400	1000
Geisan	350	1143	2900	600	6000	7000	3000	1800	n.a	n.a	40	25	2222	2	822	952	300	528	2200	n.a
Wad Al Mahi	421	571	1400	800	6000	7500	3000	1600	n.a	n.a	40	25	1556	5	n.a	n.a	n.a	n.a	n.a	n.a
Central Darfur																				
Bendasi	743	1143	1667	667	3000	4000	7500	2200	n.a	n.a	109	60	10556	8	400	900	500	450	2000	1500
Mukjar	714	1143	2000	1111	3000	4000	7500	2247	n.a	n.a	91	120	11667	9	350	1000	500	650	3000	2500
Garb Jabal	375	4000	1800	n.a	3000	4000	3596	2247	n.a	n.a	40	83	7639	8	400	1385	300	500	2000	n.a
Um Dukhun	829	1339	1825	1111	3000	4000	1375	1561	n.a	n.a	109	167	11111	5	1000	1750	1000	450	3000	2750
Wasat Jabal	257	1429	1400	n.a	3000	4000	1250	1500	n.a	n.a	57	125	5556	6	500	3000	1000	400	2000	2000
Kassala																				
Madeinat Kassala	607	500	3200	900	8000	10400	5000	1680	112750	6333	40	600	5000	n.a	350	1150	325	500	1200	1000
Reifi Aroma	286	1429	1200	n.a	8000	10000	n.a	n.a	n.a	6667	218	25	2778	n.a	312	1850	300	400	1350	1000
Overall median	757	1339	2167	1111	4000	5000	4125	2022	81000	11666	91	120	4611	10	475	1385	400	500	2000	1900

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

MEDIAN KITCHEN SET ITEM PRICES PER LOCALITY (in SDG)

Localities	Large cooking pot 1 piece	Frying pan 1 piece	Handle 1 piece	Small cooking pot 1 piece	Bowl 1 piece	Plate 1 piece	Plastic cup 1 piece	Table spoon 1 piece	Kitchen knife 1 piece	Serving spoon wood 1 piece	Serving spoon steel 1 piece	Serving ladle 1 piece	Scouring pad 1 piece	Medium tray 1 piece	Tea kettle 1 piece	Hand blending 1 piece
South Darfur																
Kas	22500	3500	4200	17000	2100	1700	900	2100	3100	2000	2200	2400	1000	9800	4100	800
Sharg Aj Jabal	21700	3450	4000	16900	1750	1350	1200	1750	3250	1850	2400	2250	950	11000	4150	850
Beliel	25000	14000	11000	15500	7250	3500	2050	800	4150	3700	3400	2750	800	10000	6250	2400
Nyala Shimal	4900	3750	3375	7000	2850	3350	700	5000	1350	700	750	1000	400	11500	4800	800
Nyala Janoub	n.a	6500	n.a	7500	n.a	3000	1900	n.a	2200	n.a	600	1900	500	8500	6800	250
West Darfur																
Ag Geneina	26000	10000	10000	20000	2500	2500	1000	3000	2500	800	2000	2000	500	10000	9000	500
East Darfur																
Abu Jabrah	25000	2600	2050	9000	1425	1650	1300	2650	2500	2150	2300	2000	500	10000	4500	600
Ad Du'ayn	17000	3000	2800	10000	1500	1400	625	2700	2700	2000	2450	2050	600	8500	4200	550
Shiaria	8000	3500	4250	4000	3000	n.a	650	400	1000	1300	1000	1250	400	3000	3000	500
Al Firdous	6500	5000	5000	10000	n.a	n.a	500	1500	2000	n.a	2000	2000	500	8000	6500	500
Abu Karinka	5000	n.a	n.a	2000	2500	10000	500	300	2000	2000	3000	2000	300	1500	4000	500
Bahr Al Arab	9500	2500	1500	5000	3000	n.a	550	2000	1000	2000	n.a	1000	300	1500	5000	n.a
Assalaya	11000	3800	2800	9500	2900	1200	800	1050	2650	950	1650	1950	400	8000	4000	750
Yassin	11500	6000	5500	6500	2500	2000	300	500	1250	600	375	1500	300	7000	5000	300
South Kordofan																
Ar Reif Ash Shargi	25000	5500	n.a	14500	n.a	n.a	800	2500	2000	n.a	2000	1350	300	10000	8000	300
Kadugli	15000	5000	25000	7500	2000	n.a	1000	2500	2500	n.a	1500	200	700	10000	5000	200
Dilling	15	3250	2500	9000	10000	n.a	400	250	2000	3000	2750	2000	500	8250	5250	1100
Blue Nile																
Al Kurmuk	10000	n.a	n.a	4000	2000	n.a	n.a	500	n.a	n.a	1000	1000	500	8000	5000	200
Ar Rusayris	5000	4000	n.a	4000	2000	n.a	400	200	500	n.a	1000	1000	300	8000	4000	500
Ed Damazine	8500	5500	n.a	2500	2000	n.a	500	100	1000	500	1000	1000	200	7000	6500	500
Geisan	20000	n.a	n.a	4000	2000	n.a	500	100	1500	n.a	200	1500	200	12000	5000	200
Wad Al Mahi	5750	n.a	n.a	4000	3000	n.a	n.a	300	n.a	n.a	n.a	n.a	200	9000	3000	100
Central Darfur																
Bendasi	17000	5000	2500	7250	3000	n.a	1800	3000	2950	n.a	1500	1500	500	9000	7500	500
Mukjar	17000	12000	n.a	12000	3400	n.a	2000	3500	3000	3000	700	1500	350	10000	8000	500
Garb Jabal	11000	5000	3000	10000	2500	4500	1000	500	2250	1500	500	1500	500	6000	5000	500
Um Dukhun	60000	4750	7400	5000	2000	n.a	n.a	5000	2500	n.a	600	2250	n.a	3200	5000	2000
Wasat Jabal	34000	5500	3000	5000	2000	2250	800	800	3000	n.a	2000	2000	500	1500	2000	500
Kassala																
Madeinat Kassala	15000	6000	8000	6000	4000	500	875	200	1000	2000	1000	1125	400	8000	6000	500
Reifi Aroma	30000	4000	n.a	n.a	n.a	125	500	n.a	n.a	n.a	n.a	n.a	n.a	7000	n.a	n.a
Overall median	17000	5000	6050	7750	2500	2500	800	1925	2000	2000	2000	1500	500	8000	5000	500

MEDIAN stock level (days)

Localities	Sorghum grain 1kg	Onions 1kg	Vegetable Oil 1L	Milk (fresh) 1L	Cow Meat (fresh) 1kg	Goat Meat (fresh) 1kg	Tomato Paste 1kg	Sugar 1kg	Gas Container 12.5L	Gas Refill 12.L	Charcoal 1kg	Firewood 1kg	Water Container 20L	Water supply 20L	Body Soap 125g	Tooth paste 100ml	Tooth brush 1piece	Laundry Soap 200g	Liquid Dish Soap 600ml	Sanitary Pads 8pieces
South Darfur																				
Kas	22	16	21	1	1	1	14	18	14	11	14	10	16	2	16	21	20	16	14	16
Sharg Aj Jabal	24	16	19	1	1	1	12	24	20	10	16	10	16	2	18	21	18	19	22	24
Beliel	3	6	4	1	1	1	3	6	20	20	6	2	6	1	4	6	6	6	6	5
Nyala Shimal	7	7	7	2	3	2	7	13	20	14	8	6	7	4	10	7	14	12	10	14
Nyala Janoub	7	8	5	2	4	6	8	7	n.a	n.a	5	n.a	n.a	2	9	6	7	6	10	9
West Darfur																				
Ag Geneina	30	10	10	n.a	2	2	14	14	n.a	10	10	7	60	2	25	20	30	18	30	60
East Darfur																				
Abu Jabrah	20	25	27	1	1	1	23	24	20	12	25	8	10	1	24	19	20	20	27	25
Ad Du'ayn	10	12	14	1	1	1	14	15	20	14	10	7	10	1	12	14	10	10	12	10
Shiaria	2	4	5	1	1	1	5	6	5	2	5	6	2	1	3	7	12	3	7	6
Al Firdous	17	7	7	1	1	1	7	7	n.a	n.a	30	60	1	1	7	15	20	8	8	8
Abu Karinka	5	4	4	n.a	1	n.a	5	2	n.a	n.a	4	10	n.a	n.a	6	7	7	6	7	10
Bahr Al Arab	9	7	7	1	1	1	14	7	n.a	n.a	7	2	8	1	15	4	14	14	10	2
Assalaya	5	7	7	1	1	1	2	7	30	30	15	7	15	1	1	15	25	1	30	7
Yassin	1	5	3	1	1	1	4	3	10	30	15	8	2	2	1	10	18	3	10	1
South Kordofan																				
Ar Reif Ash Shargi	45	10	30	1	1	1	20	30	n.a	n.a	60	60	20	n.a	25	25	20	28	20	20
Kadugli*	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	60	7	10	30	1	30	30	30	30	30	30
Dilling	6	5	7	n.a	1	1	7	5	n.a	n.a	11	8	8	1	30	30	30	14	7	10
Blue Nile																				
Al Kurmuk	1	21	21	1	1	1	21	21	n.a	n.a	20	15	n.a	1	21	21	21	21	21	21
Ar Rusayris	1	18	18	1	1	1	18	18	15	12	7	11	n.a	n.a	18	18	30	18	18	30
Ed Damazine*	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	28	10	15	15	26	n.a	14	14	14	10	14	22
Geisan	1	30	45	1	1	4	20	20	n.a	n.a	12	14	4	1	45	45	45	45	45	n.a
Wad Al Mahi	4	8	14	1	4	7	15	14	n.a	n.a	5	3	1	1	n.a	n.a	n.a	n.a	n.a	n.a
Central Darfur																				
Bendasi	20	7	20	1	1	1	14	20	n.a	n.a	7	7	9	1	7	20	10	20	18	7
Mukjar	3	7	8	1	1	1	7	13	n.a	n.a	6	3	n.a	1	3	3	1	6	7	7
Garb Jabal	7	7	7	n.a	1	1	15	7	n.a	n.a	7	7	6	1	7	15	15	11	10	n.a
Um Dukhun	20	18	22	n.a	2	2	18	45	n.a	n.a	32	26	10	5	90	75	90	60	75	48
Wasat Jabal	4	7	30	n.a	2	3	21	20	n.a	n.a	30	30	30	1	28	30	30	30	30	30
Kassala																				
Madeinat Kassala	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a	15	n.a	n.a	n.a	n.a	60	60	60	30	15	n.a
Reifi Aroma	5	30	12	n.a	1	1	n.a	n.a	n.a	60	15	20	1	n.a	1	1	1	1	1	6
Overall median	7	8	12	1	1	1	14	16	20	13	11	8	10	1	20	20	26	18	18	18

*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 10 to 20 February 2024. 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.

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), 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 calculate 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 3 localities (Ed Damazin, Madeinat Kassala 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.

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

- IRC - International Rescue Committee
- ADRA - Adventist Development Council Agency
- AFRCO - African Relief Committee Organisation
- SI - Solidarité International
- MC - Mercy Corps
- DRC - Danish Refugee Council
- CARE

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).