

INTRODUCTION

In an effort to inform cash-based interventions and better understand market dynamics in South Sudan, the Joint Market Monitoring Initiative (JMIMI) was created by the South Sudan Cash Working Group (CWG) in August 2019. The initiative is guided by the JMIMI Technical Working Group (JMIMI-TWG), led by REACH and supported by the CWG members. The initiative is funded by USAID.

Marketplaces across South Sudan are assessed on a monthly basis. In each location, field teams record prices and other market indicators through trader interviews.

This factsheet presents an overview of prices for key foods and non-food items (NFIs) in the assessed areas, as well as the costs associated with key elements of the [Multi-Sector Survival Minimum Expenditure Basket \(MSSMEB\)](#).

21 participating agencies[§]

56 assessed locations[†]

74 assessed marketplaces

1070 key informants

21 assessed commodities

Cost of MSSMEB¹

58,322 SSP
133.84 USD*
change since April 2022
8,048 SSP ▲+16%

Cost of food basket²

45,881 SSP
106.96 USD*
change since April 2022
9,076 SSP ▲+24%

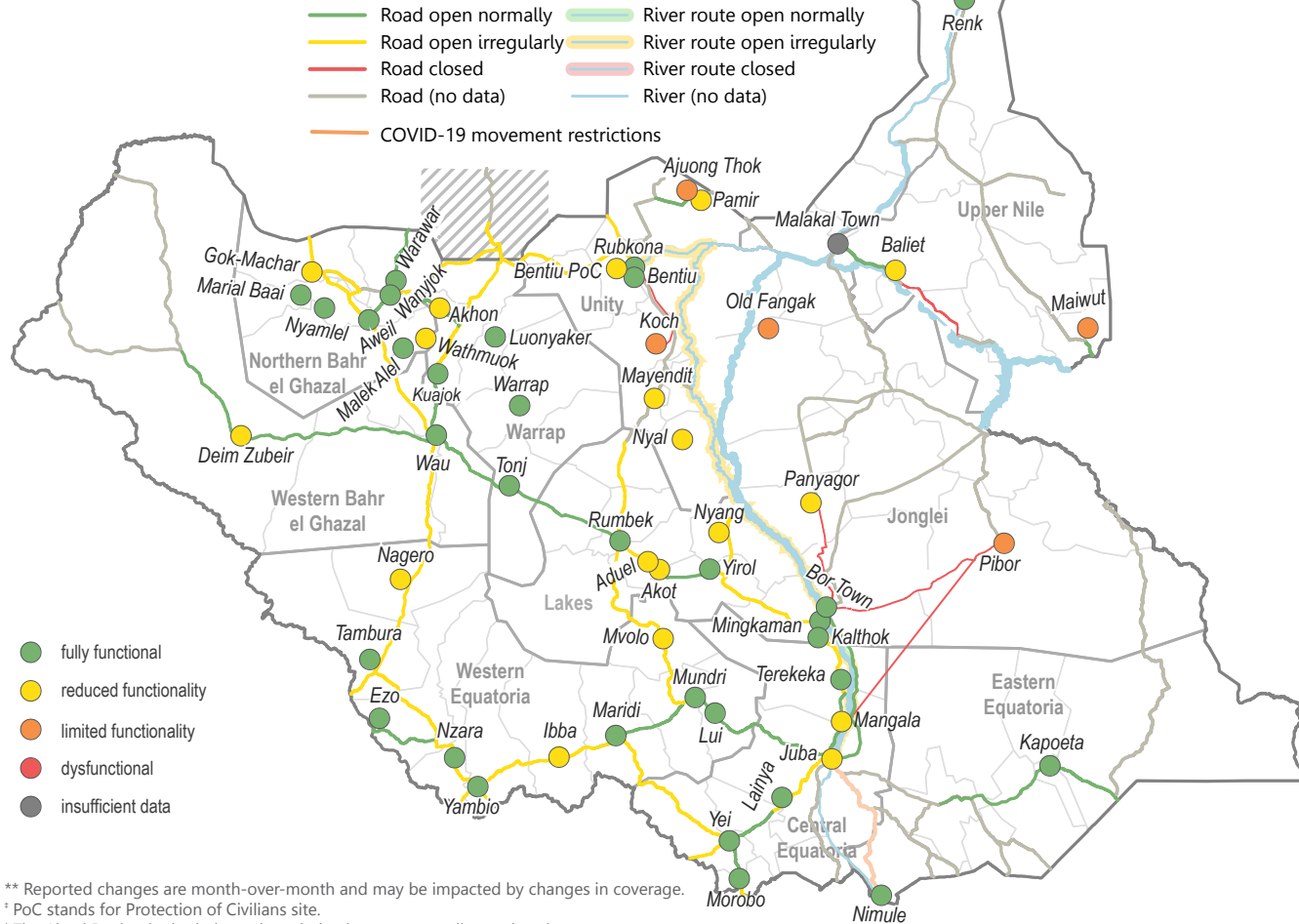
USD/SSP

(official)³
431
1.46 SSP ►0%

PARTICIPATING AGENCIES

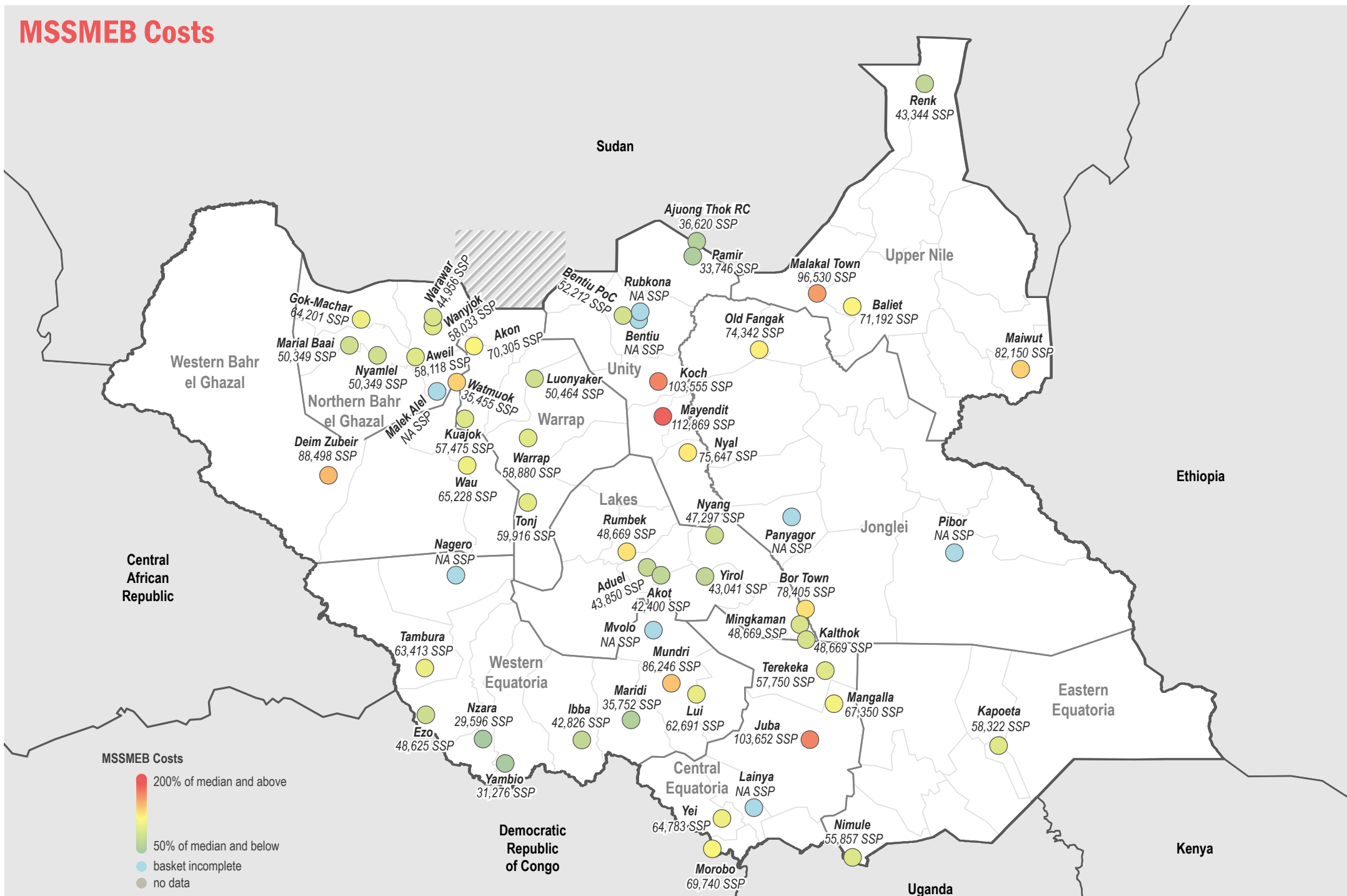
- Care
- Cina
- Concern
- Cordaid
- DCA
- DRC
- IOM
- IRC
- LDO
- Malter International
- Nile Hope
- NPA
- Oxfam
- REACH
- SSRC
- SPEDP
- SSGID
- STO
- Tearfund
- WADA
- Welthungerhilfe
- World Vision

MARKET FUNCTIONALITY



^{**} Reported changes are month-over-month and may be impacted by changes in coverage.
¹ PoC stands for Protection of Civilians site.
[†] The Abyei Region is shaded to acknowledge its status as a disputed territory.
[§] The number of participating agencies indicates the total number of partner organisations that collected data in September

MSSMEB Costs



MSSMEB CONTENTS

Food Items

Cereals	90 kg	Vegetable oil	6 L
Pulses	9 kg	Salt	1 kg

NFIs (monthly)

Charcoal	50 kg	School fee	3 USD
Milling cost	30 kg	Exercise book	12 pcs
Bar soap	6 pcs	Pencil	6 pcs
Bleach*	1.5 L	Pen	6 pcs
Human drugs*	10 USD	Rubber	3 pcs
Airtime*	30 min	Sharpener	3 pcs
Transport*	3 USD	Solar lamp	1 Pcs
		Aqua Tab	1Pcs

NFIs (one-off)*

Blanket	2 pcs	Sanitary pad	4 pcs
Mosquito net	2 pcs	Underwear	4 pcs
Kitchen set	1 pc	Kanga	2 pcs
Jerrycan	2 pcs	Plastic Bucket	1 Pcs

The Multi-Sectoral Survival Minimum Expenditure Basket (MSSMEB) represents the minimum culturally adjusted group of items required to support a six-person South Sudanese household for one month. The cost of the MSSMEB can be used as a proxy for the financial burdens facing households in different locations. The MSSMEB's contents were defined by the CWG in consultation with relevant sector leads.

The following items; pencil, Pen, Rubber, Sharpener, Sanitary pad, Kanga, Solar lamp, Aqua Tab & Plastic bucket were included into the MSSMEB in May 2022. *Only the MSSMEB's key elements (food and monthly non-food items, excluding bleach, Human drugs, Airtime & transport) were incorporated into the calculations in this factsheet. See appendix for more details on the calculation of the MSSMEB.

** Traditional piece of garment

Cost of median MSSMEB (key items)

58,322 SSP

Change since April 2022

8,048 SSP ▲ 16%

Change since May 2021

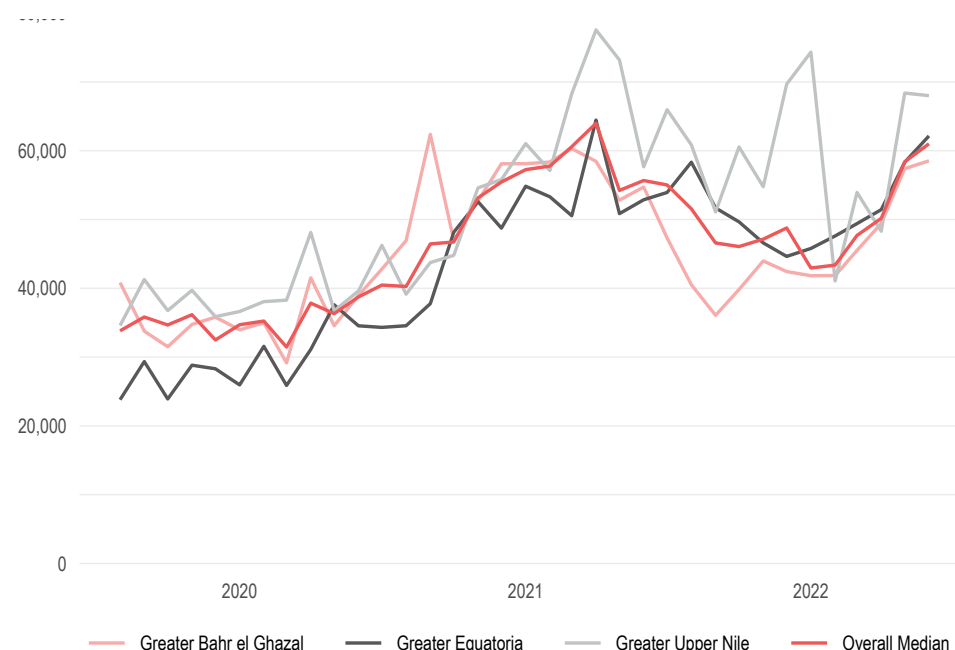
3,986.05 SSP ▲ 7%

MSSMEB PER LOCATION

County	Location	MSSMEB key items in SSP	Change since April 2022	Change since May 2021	MSSMEB key items in USD [†]
Central Equatoria					
Juba	Juba Town	103,652	▲ 5%	▲ 83%	238.28
	Mangala	67,350	▼ 19%	na	154.83
Lainya	Lainya Town	na	na	na	na
Morobo	Morobo Town	69,740	na	na	164.09
Terekeka	Terekeka	57,750	▲ 54%	na	132.76
Yei	Yei Town	64,783	na	na	148.93
Eastern Equatoria					
Kapoeta South	Kapoeta Town	58,322	▲ 15%	▲ 32%	131.80
Magwi	Nimule	55,857	▲ 2%	▼ 16%	128.41
Jonglei					
Bor South	Bor Town	78,405	na	na	177.69
Fangak	Old Fangak	74,342	na	na	170.90
Pibor	Pibor Town	na	na	na	na
Twic East	Panyagor	na	na	na	na
Lakes					
Awerial	Kalthok	48,669	▲ 2%	na	126.96
	Mingkaman	48,669	► 0%	▼ 33%	128.70
Rumbek Centr	Rumbek Town	48,669	▲ 20%	na	163.87
Rumbek East	Aduel	43,850	▲ 50%	na	100.80
	Akot	42,400	▲ 17%	na	97.47
Yirol East	Nyang	47,297	▼ 18%	na	108.73
Yirol West	Yirol Town	43,041	▼ 33%	na	98.94
Northern Bahr el Ghazal					
Aweil Centre	Aweil Town	58,118	▲ 23%	▲ 12%	131.71
Aweil East	Wanyjok	58,033	na	9%	129.68
	Warawar	44,956	▲ 17%	▼ 1%	124.35
Aweil North	Gok Machar	64,201	▲ 59%	▲ 22%	147.59
Aweil South	Malek Alel	na	na	na	na
	Watmuok	35,455	▲ 63%	na	184.54
Aweil West	Marial Baai	50,349	▲ 22%	na	116.75
	Nyamlel Town	50,349	▲ 18%	▼ 5%	114.43
Unity					
Koch	Koch Town	103,555	na	na	238.06
Mayendit	Mayendit	112,869	na	na	259.47
Panyijjar	Nyal	75,647	▲ 11%	▲ 12%	84.18
Pariang	Ajuong Thok	36,620	▼ 11%	► 0%	180.11
	Pamir RC	33,746	▲ 20%	▼ 11%	77.58
Rubkona	Bentiu Town	na	na	na	na
	Bentiu PoC [‡]	52,212	▲ 20%	na	120.03
	Rubkona	na	na	na	na
Upper Nile					
Baliet	Baliet Town	71,192	na	na	171.55
Maiwut	Maiwut Town	82,150	na	na	127.36
Malakal	Malakal Town	96,530	na	na	232.60
Renk	Renk Town	43,344	▲ 34%	na	99.64
Warrap					
Gogrial East	Luonyaker	50,464	▲ 15%	na	116.01
Gogrial west	Akon	70,305	na	na	161.62
	Kuajok	57,475	▲ 24%	na	132.13
Tonj North	Warrap Town	58,880	▲ 20%	na	135.36
Tonj South	Tonj Town	59,916	▲ 32%	na	137.74
Western Bahr el Ghazal					
Raja	Deim Zubeir	88,498	▲ 66%	▲ 52%	203.44
Wau	Wau	65,228	▲ 36%	▲ 46%	149.95
Western Equatoria					
Ezo	Ezo Town	48,625	▼ 36%	na	117.88
Ibba	Ibba Town	42,826	na	na	100.18
Maridi	Maridi Town	35,752	▼ 36%	▼ 27%	82.19
Mundri East	Lui	62,691	▼ 3%	na	144.12
Mundri West	Mundri Town	86,246	▲ 114%	na	198.27
Mvolo	Mvolo Town	na	na	na	na
Nagero	Nagero Town	na	na	na	na
Nazara	Nzara Twn	29,596	▼ 23%	na	68.04
Tambura	Tambur Town	63,413	▲ 23%	na	145.78
Yambio	Yambio Town	31,276	▼ 1%	▼ 38%	71.90
Overall		58,322	▲ 16%	▲ 7%	134.07

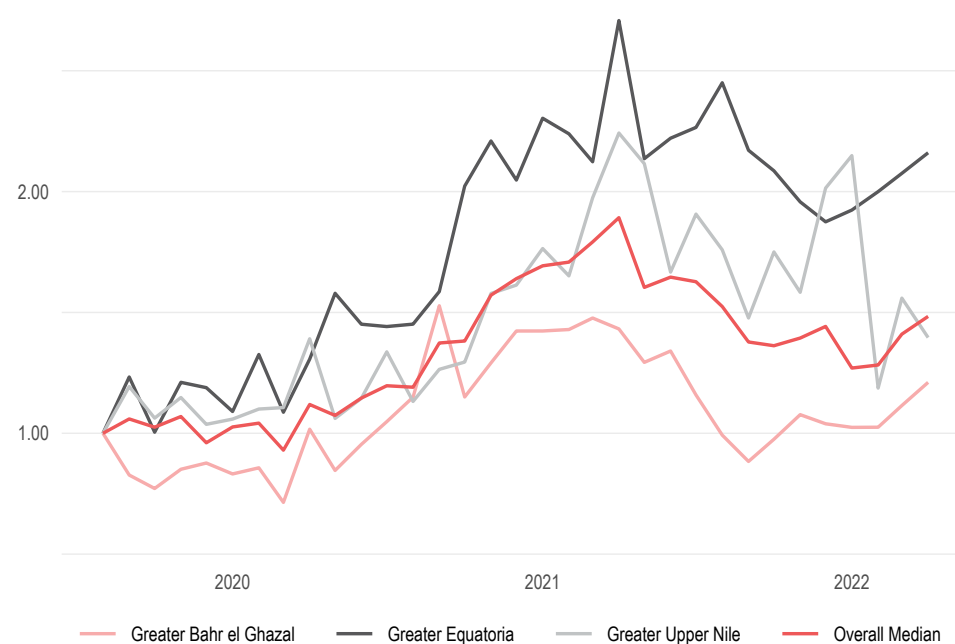
MSSMEB OVER TIME[‡]

Aug 2019 - May 2022 in SSP



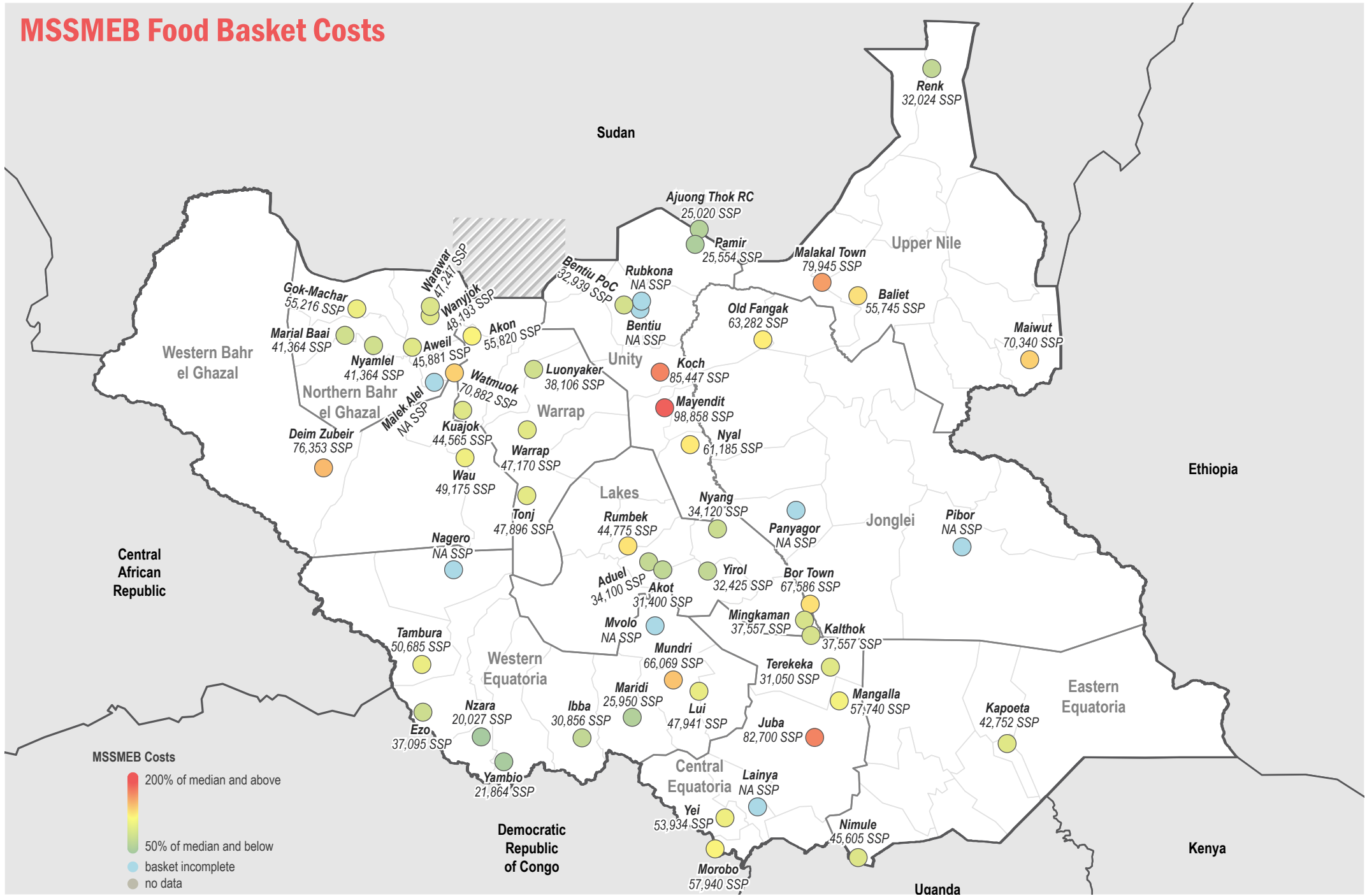
MSSMEB OVER TIME[‡]

Indexed to August 2019 = 1.00[‡]



[‡] No sorghum nor maize prices were available. No alternate cereal prices were available for Lainya, Pibor, Panyagor, Malak Alel, Bentiu, Rubkona, Mvolo & Nagero, therefore the MSSMEB has been left blank.

MSSMEB Food Basket Costs



INDICES PER LOCATION

County	Location	MSSMEB food basket in SSP	Change since April 2022	Change since May 2021	Food price index* in SSP	Change since April 2022	Change since May 2021
Central Equatoria							
Juba	Juba Town	82,700	▲ 18%	▲ 133%	6,718	na	▲ 23%
	Mangala	57,740	na	na	5,118	na	na
Lainya	Lainya Town	na	na	na	5,142	na	na
Morobo	Morobo Town	57,940	▲ 26%	na	5,311	na	na
Terekeka	Terekeka Town	31,050	▲ 60%	na	3,775	na	na
Yei	Yei Town	53,934	na	na	4,751	na	na
Eastern Equatoria							
Kapoeta South	Kapoeta Town	42,752	▲ 6%	▲ 50%	5,096	na	▲ 8%
Magwi	Nimule	45,605	▲ 31%	▼ 13%	6,503	na	▲ 31%
Jonglei							
Bor	Bor Town	67,586	na	na	5,104	na	na
Fangak	Old Fangak	63,282	na	na	6,243	na	na
Pibor	Pibor Town	na	na	na	6,988	na	▲ 31%
TwicEast	Panyagor	na	na	na	6,274	na	▲ 31%
Lakes							
Awerial	Kalthok	37,557	▲ 16%	na	4,977	na	na
	Mingkaman	37,557	na	na	4,977	na	na
Rumbek Centre	Rumbek Town	44,775	▲ 7%	na	5,031	na	na
Rumbek East	Aduel	34,100	▲ 32%	na	5,268	na	na
	Akot	31,400	na	na	5,127	na	na
Yirol East	Nyang	34,120	▲ 7%	na	3,350	na	na
Yirol West	Yirol Town	32,425	▼ 21%	na	3,247	na	na
Northern Bahr el Ghazal							
Aweil Centre	Aweil Town	45,881	▲ 5%	▲ 18%	4,645	na	▼ 14%
Aweil East	Wanyjok	48,193	▲ 24%	▲ 35%	5,763	na	▲ 5%
	Warawar	47,247	na	na	6,296	na	na
Aweil North	Gok-Machar	55,216	▲ 12%	▲ 39%	5,426	na	▼ 20%
Aweil South	MalekAleil	na	na	na	5,517	na	na
	Watmuok	70,882	na	na	6,720	na	na
Aweil West	Marial Baai	41,364	▲ 5%	na	5,088	na	na
Aweil West	Nyamlel Town	41,364	na	na	5,088	na	na
Unity							
Koch	Koch Town	85,447	na	na	13,257	na	na
Mayendit	Mayendit Town	98,858	na	na	7,231	na	na
Panyijiar	Nyal	61,185	▲ 12%	▲ 18%	6,802	na	▲ 23%
Pariang	AjuongThok RC	25,020	▼ 20%	▲ 12%	4,547	na	▼ 19%
Pariang	Pamir RC	25,554	na	na	5,153	na	na
Rubkona	Bentiu	na	na	na	4,201	na	▼ 42%
	Bentiu PoC	32,939	na	na	3,479	na	na
	Rubkona Town	na	na	na	4,441	na	na
Upper Nile							
Baliet	Baliet Town	55,745	na	na	7,005	na	na
Maiwut	Maiwut Town	70,340	na	na	8,099	na	na
Malakal	Malakal Town	79,945	na	na	8,441	na	na
Renk	Renk Town	32,024	▲ 58%	na	5,396	na	na
Warrap							
Gogrial East	Luonyaker	38,106	▲ 3%	na	4,294	na	na
Gogrial West	Akon	55,820	na	na	7,824	na	na
	Kuajok	44,565	na	na	4,709	na	na
Tonj North	Warrap Twon	47,170	▼ 9%	na	4,206	na	na
Tonj East	Tonj Town	47,896	▲ 11%	na	5,360	na	na
Western Bahr el Ghazal							
Raja	Deim Zubeir	76,353	▲ 10%	▲ 75%	5,634	na	▼ 1%
Wau	Wau	49,175	▲ 18%	▲ 76%	5,375	na	▲ 60%
Western Equatoria							
Ezo	Ezo Town	37,095	▲ 33%	na	5,760	na	na
Ibba	Ibba	30,856	na	na	4,148	na	na
Maridi	Maridi Town	25,950	▲ 24%	▼ 32%	5,221	na	▼ 25%
Mundri East	Lui	47,941	▲ 2%	na	4,848	na	na
Mundri West	Mundri Town	66,069	▲ 15%	na	4,944	na	na
Mvolo	Mvolo Town	na	na	na	4,551	na	na
Nagero	Nagero Town	na	na	na	7,586	na	na
Nzara	Nzara Town	20,027	► 0%	na	4,207	na	na
Tambura	Tambura Town	50,685	▲ 32%	na	5,631	na	na
Yambio	Yambio Town	21,864	▼ 2%	▼ 40%	3,599	na	▼ 26%
Overall		45,881	▲ 24%	▲ 20%	5,221	▲ 11%	▼ 9%

*The food price index was calculated by adding up the median prices of one unit of each assessed food item. Where the median value is not available, the median price across all locations was used for the calculation of the index.

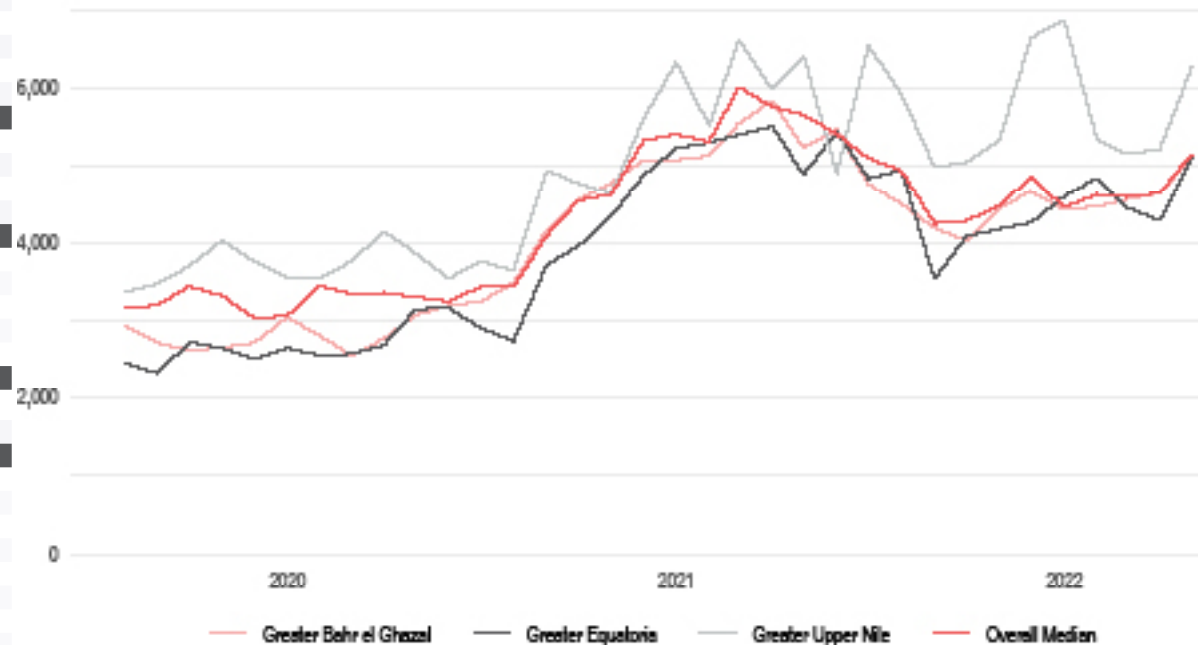
MSSMEB FOOD BASKET OVER TIME⁵

Aug 2019 - May 2022 in SSP



FOOD PRICE INDEX OVER TIME⁵

Aug 2019 - May 2022 in SSP



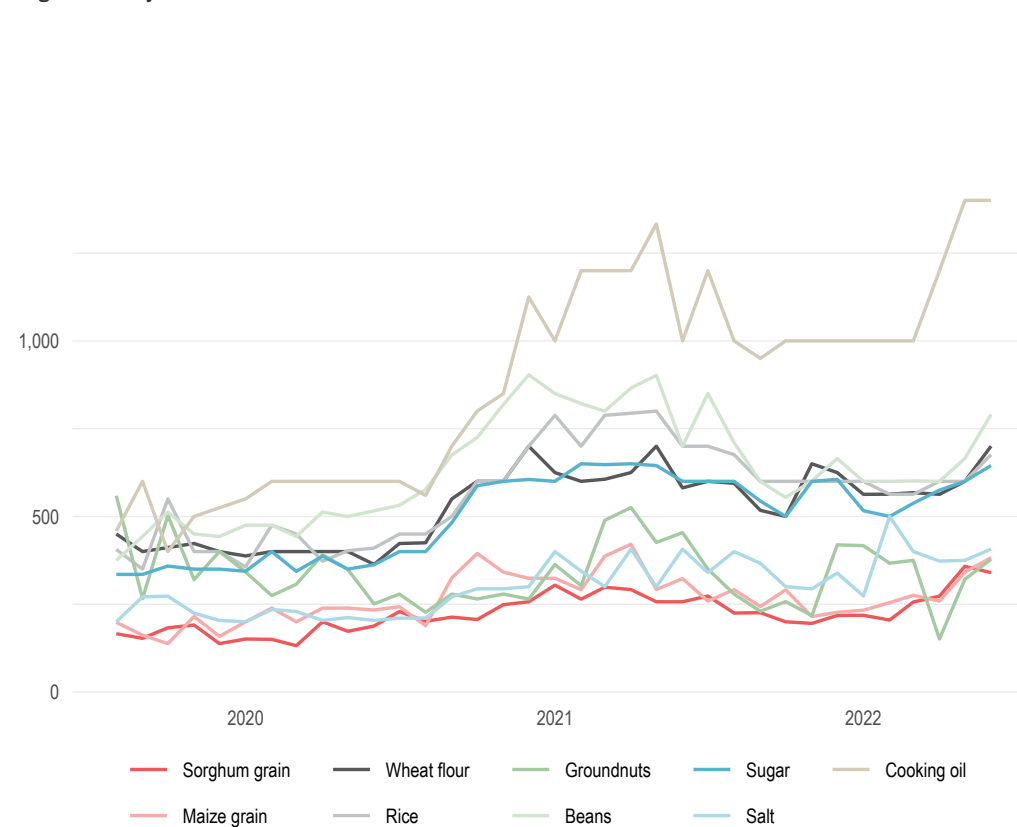
PRICES OF MONITORED ITEMS

Item	Unit	Median price in SSP	Change since April 2022	Change since May 2021	Median price in USD
Food Items					
Sorghum grain	1 kg	361	▲ 31%	▲ 39%	0.83
Maize grain	1 kg	359	▲ 32%	▲ 17%	0.83
Wheat flour	1 kg	600	▲ 7%	▼ 14%	1.38
Rice	1 kg	600	► 0%	▼ 25%	1.38
Groundnuts (shelled)	1 kg	268	▲ 113%	▼ 25%	0.62
Beans	1 kg	665	▲ 11%	▼ 26%	1.53
Sugar	1 kg	600	▲ 2%	▼ 9%	1.38
Salt	1 kg	400	▲ 1%	▲ 25%	0.92
Cooking oil	1 L	1,400	▲ 17%	▲ 5%	3.22
Water*	1 L	30	▲ 11%	▼ 9%	na
Non-Food Items					
Soap	200 g	200	► 0%	▲ 50%	0.46
Jerrycan	1 pc	1,500	▲ 33%	▲ 50%	3.45
Mosquito net	1 pc	1,850	▲ 12%	▲ 2%	4.25
Exercise book	1 pc	250	▲ 5%	▼ 13%	0.57
Blanket	1 pc	3,250	▼ 28%	▼ 35%	7.47
Cooking pot	1 pc	4,500	► 0%	▼ 16%	10.34
Plastic sheet	1 pc	7,250	▲ 4%	▼ 6%	16.67
Pole	1 pc	1,000	▼ 8%	▼ 20%	2.30
Firewood	1 bundle	550	▲ 15%	▲ 15%	1.26
Charcoal	1 kg	116	► 0%	▲ 34%	0.27
Rubber rope	1 roll	500	na	na	1.15
Kanga	1 roll	5,250	na	na	12.07
Solar lamp	1 pc	3,000	na	na	6.90
Aqua tab	1 strip	500	na	na	1.15
Plastic bucket	1 pc	2,250	na	na	5.17
Sanitary pads	1 pc	500	na	na	1.15
Pen	1 pc	125	na	na	0.29
Pencil	1 pc	73	na	na	0.17
Rubber	1 pc	100	na	na	0.23
Sharpener	1 pc	100	na	na	0.23
Livestock Items					
Goat	1 goat	17,500	▲ 27%	► 0%	40.23
Chicken	1 chicken	2,300	► 0%	▲ 25%	5.29
Services					
Milling costs	1 kg	57	▲ 33%	► 0%	0.13
Currencies					
US dollar	1 USD	435	► 0%	▼ 7%	
Sudanese pound	1 SDG	na	na	na	
Ethiopian birr	1 ETB	na	na	na	
Ugandan shilling	1 UGX	na	na	na	
Kenyan shilling	1 KES	na	na	na	

* Prices only collected for Juba Town

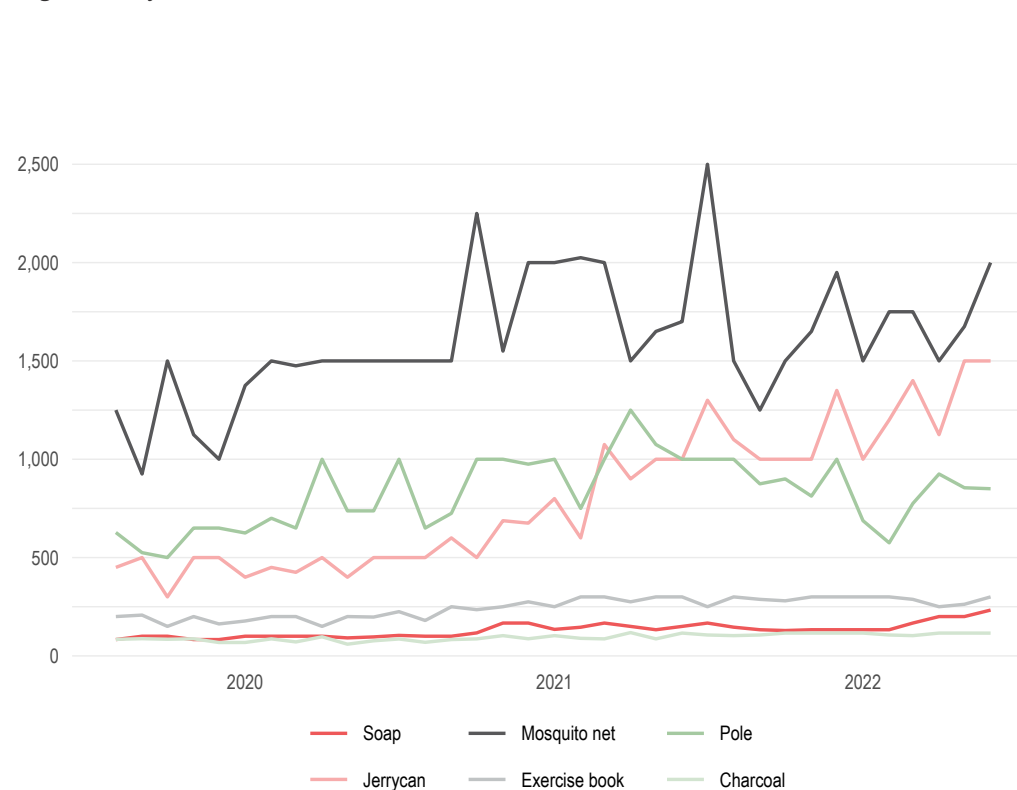
FOOD PRICES OVER TIME

Aug 2019 - May 2022 in SSP



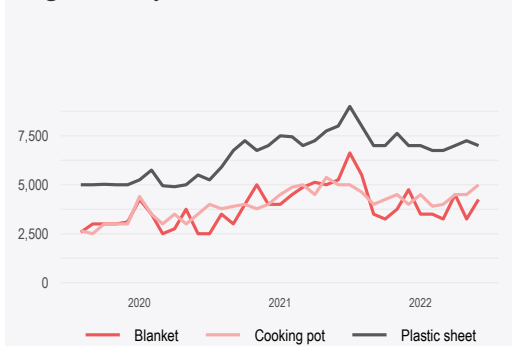
NFI PRICES OVER TIME

Aug 2019 - May 2022 in SSP



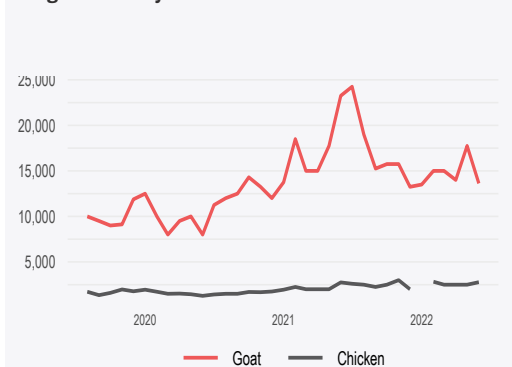
NFI PRICES OVER TIME CONT.

Aug 2019 - May 2022 in SSP

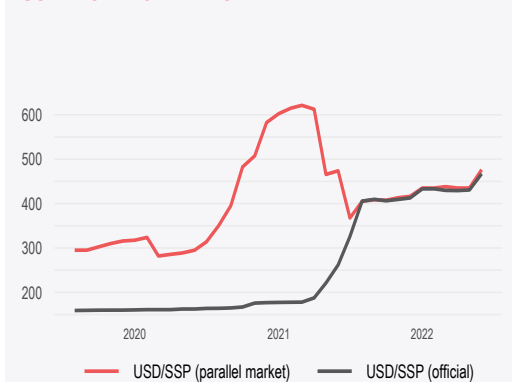


LIVESTOCK PRICES OVER TIME

Aug 2019 - May 2022 in SSP



USD EXCHANGE RATE OVER TIME

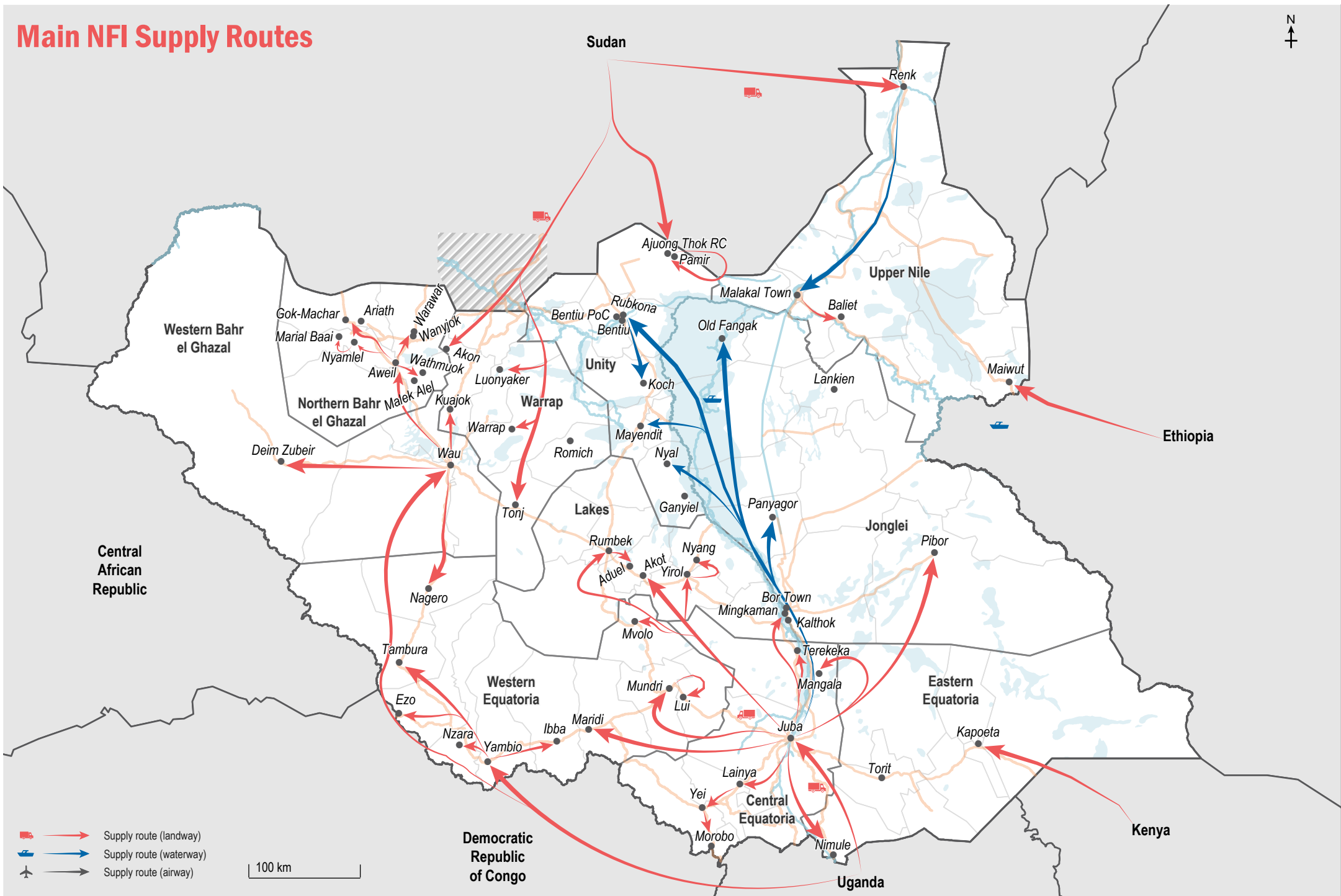


OTHER EXCHANGE RATES OVER TIME

(Parallel market rates)

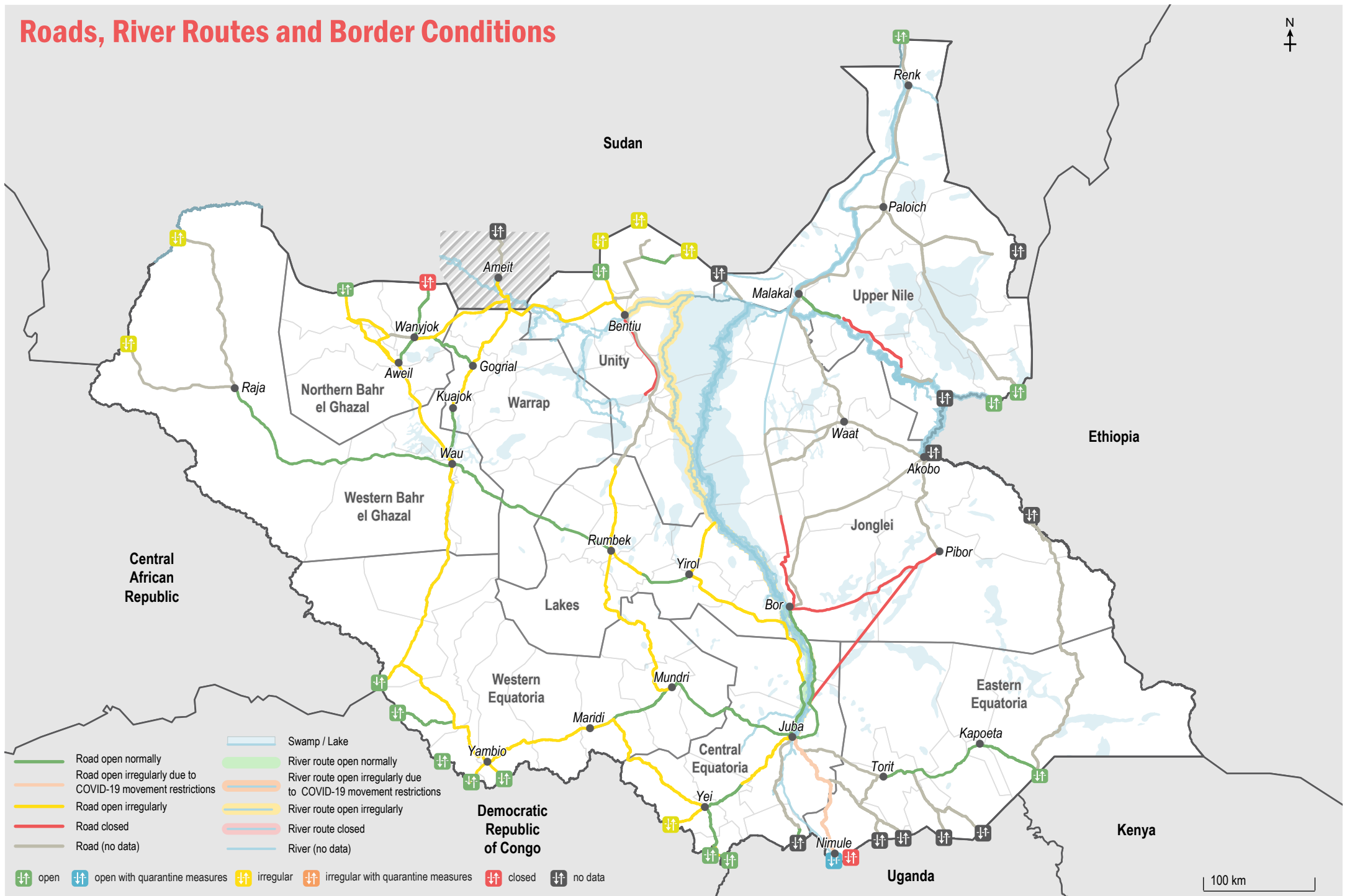


Main NFI Supply Routes



This map illustrates where vendors reported their market location to be supplied from with NFIs. Only the most frequently reported non-food supply market connection is shown for each location. Additional linkages and supply routes may exist.

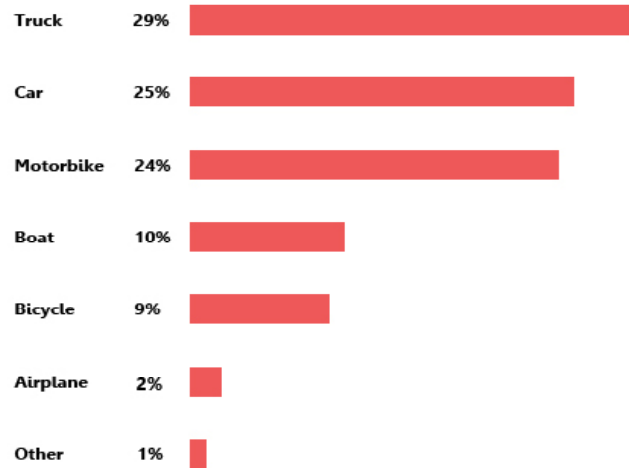
Roads, River Routes and Border Conditions



The map illustrates the reported road, river route and border crossing conditions at the time of data collection. The results are indicative of trade activity only.

Additional Indicators

Primary modes of transport for restocking local cereals reported by traders

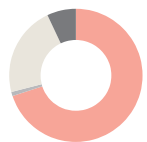


3 days

median time to restock locally produced cereals from out of town



69% of staple cereal traders reported restocking from a local producer



70% of food traders expect price increases
 1% of food traders do not expect price changes
 22% of food traders expect price decreases
 7% of food traders do not have any price expectations

5 days

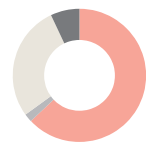
median reported additional time needed to restock for traders that reported undergoing quarantine measures at border crossings.

5 days

median reported number of days needed to restock NFIs from out of town

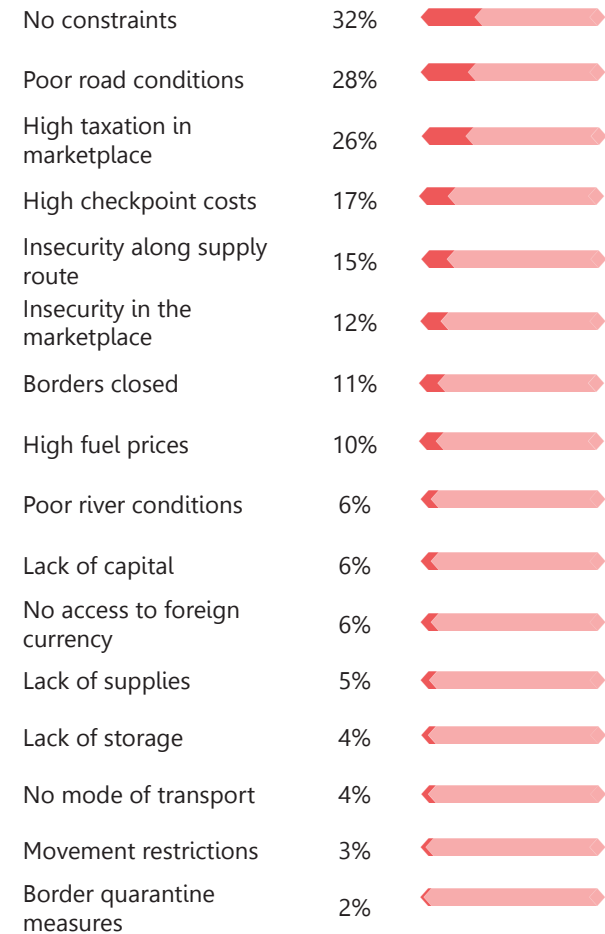


32% of traders reported restocking NFIs from a wholesaler in town

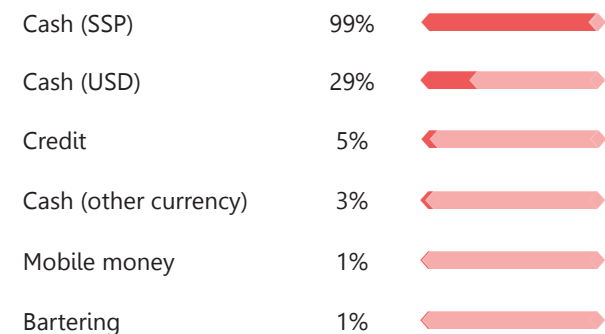


63% of non-food traders expect price increases
 2% of non-food traders do not expect price changes
 28% of non-food traders expect price decreases
 7% of non-food traders do not have any price expectations

Reported restocking constraints*



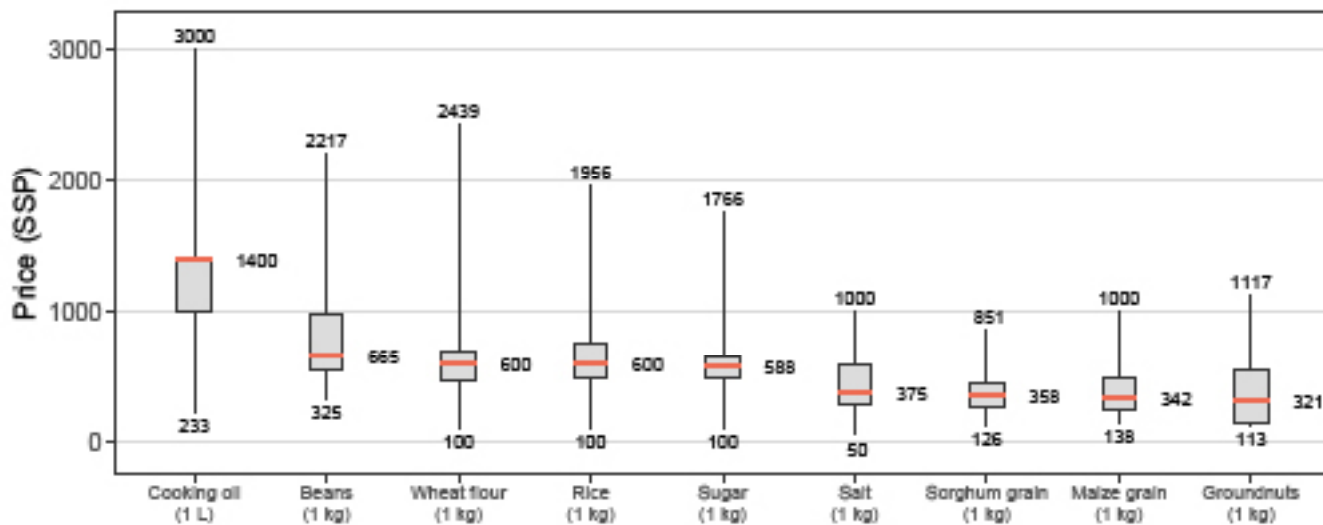
Accepted payment modalities*



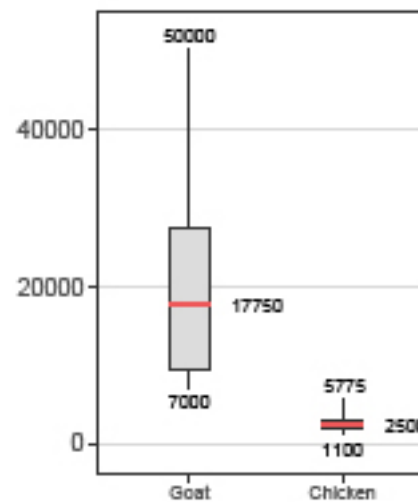
* Values do not add up to 100% as traders were allowed to select multiple options.

Distribution of Prices

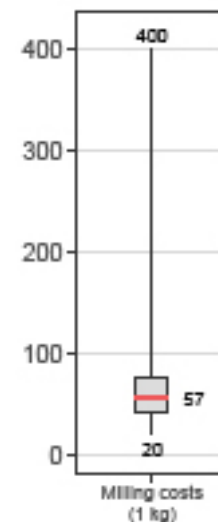
Food Items



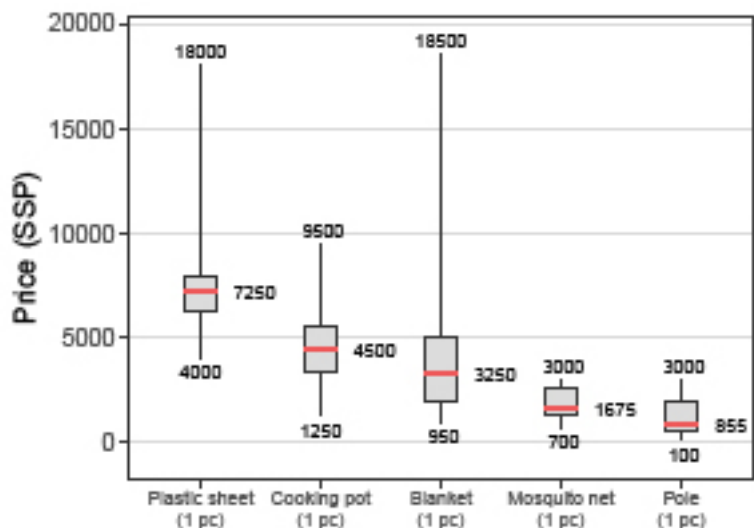
Livestock



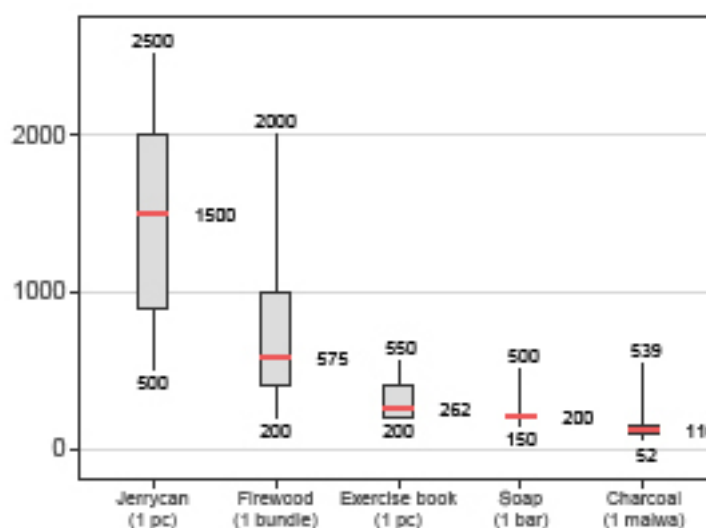
Services



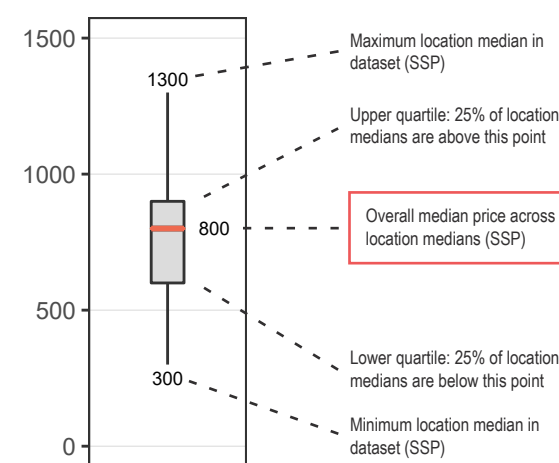
NFIs



NFIs cont.



How to read a boxplot



* The 'location median' is calculated by first finding the median price of a given item in each assessed location, then taking the median of the resulting set of median prices.

APPENDIX

MEDIAN ITEM PRICES PER LOCATION (in SSP) (CONTINUED)

County	Location	Rubber Rope (1 roll)	Kanga (1 roll)	Solar Lamp (1 pc)	Aqua Tab (1 strip)	Plastic Bucket (1 pc)	Sanitary Pads (1 pc)	Pen (1 pc)	Pencil (1 pc)	Rubber (1 pc)	Sharpen (1 pc)
Central Equatoria											
Juba	Juba Town	na	4000	2500	1000	1500	na	100	100	50	50
	Mangala	500	na	na	na	1500	300	na	na	na	na
Lainya	Lainya	500	na	2500	na	na	na	200	50	50	na
Morobo	Morobo Town	na	na	na	na	na	na	100	50	50	50
Terekeka	Terekeka Town	na	na	na	na	na	na	200	150	100	150
Yei	Yei Town	na	na	na	na	na	na	150	100	100	100
Eastern Equatoria											
Kapoeta South	Kapoeta Town	na	na	na	na	1500	500	na	na	na	na
Magwi	Nimule	na	na	na	na	na	na	100	50	100	150
Jonglei											
Bor South	Bor Town	na	5500	na	na	1500	na	na	na	na	na
Fangak	Old Fangak	na	na	na	na	na	na	150	na	na	na
Pibor	Pibor Town	na	na	na	na	na	na	200	100	100	100
Twic East	Panyagor	na	na	na	na	na	na	na	na	na	na
Lakes											
Awerial	Kalthok	500	5500	3500	500	4500	1250	100	50	100	100
	Mingkaman	500	5250	3750	500	2000	1500	100	50	100	150
Rumbek Centre	Rumbek Town	na	na	na	na	na	na	100	50	50	50
Rumbek East	Aduel	na	na	na	na	na	na	na	na	na	na
	Akot	na	na	na	na	na	na	na	na	na	na
Yirol East	Nyang	na	na	na	na	na	na	na	50	na	na
Yirol West	Yirol Town	na	na	5000	na	2500	na	150	50	na	150
Northern Bahr el Ghazal											
Aweil Centre	Aweil Town	na	na	na	na	3250	1000	na	na	na	na
Aweil East	Wanyjok	na	na	na	na	na	500	150	100	na	na
	Warawar	na	na	na	na	na	500	150	50	50	100
Aweil North	Gok-Machar	na	na	na	na	na	na	na	na	na	na
Aweil South	MalekAlel	na	na	na	na	na	500	na	50	na	na
	Watmuok	na	na	na	na	na	na	na	na	na	na
Aweil West	Marial Baai	na	na	na	na	5000	na	na	na	na	na
	Nyamlel Town	na	na	na	na	4750	na	na	na	na	na
Unity											
Koch	Koch Town	na	na	na	na	na	na	na	na	na	na
Mayendit	Mayendit Town	na	na	na	na	na	na	200	na	na	na
Panyijiar	Nyal	na	na	na	na	na	na	na	na	na	na
Pariang	Ajuong Thok RC	na	na	na	na	2500	na	na	na	na	na
	Pamir RC	na	na	na	na	na	na	na	na	na	na
Rubkona	Bentiu	na	na	na	na	na	na	na	na	100	150
	Bentiu PoC	na	na	2750	na	1700	na	na	50	na	na
	Rubkona Town	na	na	na	na	na	na	150	100	100	125
Upper Nile											
Baliet	Baliet Town	na	na	na	na	na	na	150	100	50	100
Maiwut	Maiwut Town	na	na	na	na	na	na	100	75	75	75
Malakal	Malakal Town	na	na	na	na	na	na	100	na	125	100
Renk	Renk Town	na	na	na	na	1000	na	150	100	50	100
Warrap											
Gogrial East	Luonyaker	na	na	na	na	na	na	100	na	100	100
Gogrial West	Akon	na	na	na	na	na	na	50	85	50	60
	Kuajok	na	na	na	na	na	na	75	70	72	63
Tonj North	Warrap Town	na	na	na	na	na	na	50	98	68	98
Tonj South	Tonj Town	na	na	na	na	na	na	50	na	na	na
Western Bahr el Ghazal											
Raja	Deim Zubeir	na	na	na	na	na	na	150	100	na	na
Wau	Wau	na	na	na	na	na	na	100	50	150	150
Western Equatoria											
Ezo	Ezo Town	na	na	na	na	na	na	na	na	na	na
Ibba	Ibba	na	na	na	na	na	na	na	na	na	na
Maridi	Maridi Town	na	4000	3000	na	2750	500	150	100	100	100
Mundri East	Lui	na	na	na	na	na	na	150	100	100	100
Mundri west	Mundri Town	na	na	2500	na	1500	500	na	na	na	na
Mvolo	Mvolo Town	na	na	na	na	na	na	100	na	na	na
Nagero	Nagero Town	na	na	na	na	na	na	125	100	50	na
Nzara	Nzara Town	na	na	na	na	na	na	100	50	na	na
Tambura	Tambura Town	na	na	na	na	na	na	na	na	na	na
Yambio	Yambio	500	na	7000	na	3250	500	100	50	150	150
Overall median		500	5,250	3,000	500	2,250	500	125	73	100	100

na: no price data available, *ETB price reported as no SSP trading rate available

APPENDIX

MEDIAN STOCK LEVELS PER LOCATION (in days)

County	Location	Sorghum grain	Maize grain	Wheat flour	Rice	Groundnuts (shelled)	Beans	Sugar	Salt	Cooking oil	Soap	Jerrycan	Mosquito net	Exercise book	Blanket	Cooking pot	Plastic sheet	Plastic bucket	Sanitary pads	
Central Equatoria																				
Juba	Juba Town	6	5	19	7	na	18	19	19	6	9	30	26	7	30	30	22	21	na	
	Mangala	na	14	11	34	60	60	14	14	14	18	na	na	4	na	na	60	na	na	
Lainya	Lainya Town	na	na	na	14	7	41	11	14	7	14	14	37	30	na	na	na	na	na	
	Morobo Town	na	na	21	30	21	60	30	60	30	21	19	60	14	na	90	na	na	na	
Terekeka	Terekeka	21	21	13	18	10	17	10	13	23	15	60	21	26	22	35	28	na	na	
Yei	Yei Town	30	60	41	30	45	30	28	60	30	30	30	60	30	60	60	60	na	na	
Eastern Equatoria																				
Kapoeta South	Kapoeta Town	11	7	7	11	na	7	7	14	na	11	na	na	41	na	na	na	18	18	
Magwi	Nimule	18	21	14	14	14	21	14	60	18	21	60	60	na	na	60	21	na	na	
Jonglei																				
Bor South	Bor Town	21	30	30	30	60	21	21	21	21	21	28	30	21	30	21	60	21	na	
Fangak	Old Fangak	60	na	22	7	na	na	14	60	10	na	na	na	na	na	na	3	na	na	
Pibor	Pibor Town	na	na	na	na	60	na	60	na	60	na	na	na	na	na	na	na	na	na	
Twic East	Panyagor	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
Lakes																				
Awerial	Kalthok	45	45	30	30	30	30	30	30	30	45	60	60	60	60	60	60	60	26	
	Mingkaman	45	45	30	30	60	30	30	60	30	45	60	60	60	45	60	60	30	26	
Rumbek Centre	Rumbek Town	18	18	7	21	14	21	21	7	na	14	60	60	21	14	60	14	na	na	
Rumbek East	Aduel	30	30	30	22	na	45	30	30	30	30	30	30	30	60	60	60	na	na	
	Akot	60	na	60	na	45	na	21	60	na	na	na	na	60	na	na	na	na	na	
Yirol East	Nyang	14	na	21	18	41	28	18	45	21	18	6	na	60	na	na	na	na	na	
Yirol West	Yirol Town	21	na	14	26	21	21	14	60	na	21	10	21	45	na	na	na	21	na	
Northern Bahr el Ghazal																				
Aweil Centre	Aweil Town	60	na	60	60	na	45	na	na	60	na	35	60	60	60	na	na	na	na	
Aweil East	Wanyjok	na	na	7	na	na	11	na	na	na	na	14	na	14	na	na	14	na	18	
	Warawar	na	na	na	11	14	14	na	14	na	na	14	na	14	na	14	na	na	7	
Aweil North	Gok-Machar	60	na	42	14	na	na	na	na	60	na	45	na	60	na	na	60	na	na	
Aweil South	MalekAlei	na	na	na	7	na	na	na	na	na	na	na	na	14	na	na	na	na	14	
	Watmuok	na	na	na	na	7	7	na	na	na	na	na	na	14	na	na	na	na	na	
Aweil West	Marial Baai	18	na	29	28	28	32	60	na	48	na	21	na	na	na	na	60	60	na	
	Nyamlel Town	30	na	60	60	na	60	na	na	60	na	35	na	na	na	na	na	60	na	
Unity																				
Koch	Koch Town	8	na	14	14	na	21	21	60	19	16	na	na	na	na	na	na	na	na	
Mayendit	Mayendit Town	na	na	na	na	na	na	na	na	na	7	na	na	na	na	na	na	na	na	
Panyijiar	Nyal	60	na	28	28	na	na	60	14	14	20	21	14	60	na	na	na	na	na	
Pariang	Ajuong Thok RC	na	na	60	30	na	26	37	30	26	60	na	30	45	na	30	60	30	na	
	Pamir RC	21	na	28	45	na	26	30	45	25	30	na	na	30	na	na	na	na	na	
Rubkona	Bentiu	25	11	14	25	39	35	25	35	28	35	35	35	32	28	39	21	na	na	
	Bentiu PoC	29	21	45	21	14	14	21	60	30	45	na	22	26	na	30	na	22	na	
	Rubkona Town	21	14	18	21	39	35	28	39	21	32	42	32	35	32	32	18	na	na	
Upper Nile																				
Baliet	Baliet Town	30	30	37	60	30	30	30	45	30	30	45	60	60	60	na	45	na	na	
Maiwut	Maiwut Town	14	14	18	14	na	14	21	30	18	14	6	21	21	na	60	36	21	na	
Malakal	Malakal Town	14	14	22	18	14	25	26	26	26	14	37	60	60	41	na	14	na	na	
Renk	Renk Town	21	na	21	21	25	21	10	60	18	7	26	44	60	21	28	30	na	na	
Warrap																				
Gogrial East	Luonyaker	26	na	21	21	21	21	21	21	21	21		na	21	na	21	21	na	na	
Gogrial West	Akon	60	na	30	21	21	21	21	41	21	21	21	na	21	na	60	21	na	na	
	Kuajok	60	na	21	21	21	21	21	25	25	21	21	41	21	na	37	30	na	na	
Tonj North	Warrap Town	21	na	28	21	21	21	21	21	21	21	21	na	21	na	21	21	na	na	
Tonj South	Tonj Town	21	na	21	18	21	21	21	21	21	21	21	na	21	na	60	21	na	na	
Western Bahr el Ghazal																				
Raja	Deim Zubeir	7	na	na	28	na	na	10	na	41	14	na	30	na	na	na	na	na	na	
Wau	Wau	21	14	7	7	7	7	7	7	7	11	11	11	11	14	22	22	na	na	
Western Equatoria																				
Ezo	Ezo Town	na	7	25	25	28	28	15	30	33	32	21	15	na	25	35	17	na	na	
Ibba	Ibba	na	na	na	14	14	21	21	30	14	21	60	na	60	na	na	na	na	na	
Maridi	Maridi Town	21	25	60	21	30	28	60	60	41	60	60	na	60	60	60	na	60	44	
Mundri East	Lui	na	na	na	na	na	na	na	na	60	na	45	na	60	na	na	na	na	na	
Mundri West	Mundri Town	28	na	35	30	35	37	14	60	na	na	60	14	150	na	35	35	na	35	
Mvolo	Mvolo Town	na	na	na	21	na	14	41	22	30	26	na	na	21	na	na	na	na	na	
Nengero	Nengero Town	60	na	21	14	na	60	60	60	na	60	37	37	60	60	14	60	na	na	
Nzara	Nzara Town	14	8	6	42	34	41	6	21	8	8	21	14	119	35	35	35	na	na	
Tambura	Tambura Town	18	18	18	14	18	14	17	11	14	21	30	20	9	45	60	26	na	na	
Yambio	Yambio	na	na	60	60	18	11	na	na	14	na	na	na	60	na	na	na	na	na	

na : no stock level data available

: none of the interviewed traders reported being able to restock this item

APPENDIX CONTINUED.....

MEDIAN STOCK LEVELS PER LOCATION (in days) (CONTINUED)

County	Location	Pen	Pencil	Rubber	Sharpener	Rubber rope	Kanga	Solar lamp	Aqua tab	Median time to restock local staple cereals	Median time to restock imported food items	Median time to restock NFIs
Central Equatoria												
Juba	Juba Town	7	11	7	na	7	14	30	7	na	na	na
	Mangala	na	na	na	na	21	na	na	na	na	6	11
Lainya	Lainya Town	22	60	60	na	21	na	14	na	na	na	1
Morobo	Morobo Town	37	60	35	na	na	na	na	na	na	14	1
Terekeka	Terekeka	25	32	45	28	na	na	na	na	2	2	2
Yei	Yei Town	30	29	30	30	na	na	na	na	na	7	30
Eastern Equatoria												
Kapoeta South	Kapoeta Town	na	na	na	na	18	14	na	na	na	22	7
Magwi	Nimule	na	na	60	60	na	na	na	na	3	3	2
Jonglei												
Bor South	Bor Town	na	na	na	na	22	30	na	na	na	30	26
Fangak	Old Fangak	14	na	na	na	na	na	na	na	25	26	26
Pibor	Pibor Town	na	60	60	60	na	na	na	na	na	2	3
Twic East	Panyagor	na	na	na	na	na	na	na	na	na	na	5
Lakes												
Awerial	Kalthok	45	45	45	60	45	30	45	45	na	7	7
	Mingkaman	60	60	60	60	30	45	45	30	na	7	7
Rumbek Centre	Rumbek Town	10	30	60	37	na	na	na	na	na	na	na
Rumbek East	Aduel	na	na	na	na	na	na	na	na	na	5	1
	Akot	na	na	na	na	na	na	na	na	na	3	3
Yirol East	Nyang	28	21	na	na	na	na	na	na	na	60	na
Yirol West	Yirol Town	60	21	30	14	na	na	21	na	na	60	60
Northern Bahr el Ghazal												
Aweil Centre	Aweil Town	na	na	na	na	na	na	na	na	na	na	na
Aweil East	Wanyjok	11	18	na	na	na	na	na	na	na	1	1
	Warawar	14	14	14	14	na	na	na	na	na	1	1
Aweil North	Gok-Machar	na	na	na	na	na	na	na	na	na	na	na
Aweil South	MalekAlel	14	21	na	na	na	na	na	na	1	1	1
	Watmuok	18	na	na	na	na	na	na	na	1	1	1
Aweil West	Marial Baai	na	na	na	na	na	na	na	na	na	na	na
	Nyamlel Town	na	na	na	na	na	na	na	na	na	na	na
Unity												
Koch	Koch Town	na	na	na	na	na	na	na	na	na	8	5
Mayendit	Mayendit Town	14	na	na	na	na	na	na	na	na	na	1
Panyijiar	Nyal	na	na	na	na	na	na	na	na	na	7	8
Pariang	Ajuong Thok RC	na	na	na	na	na	na	na	na	na	60	na
	Pamir RC	na	na	na	na	na	na	na	na	3	na	7
Rubkona	Bentiu	32	25	21	21	na	na	na	na	8	7	7
	Bentiu PoC	30	30	na	na	na	na	60	na	na	na	1
	Rubkona Town	32	25	21	14	na	na	na	na	8	8	7
Upper Nile												
Baliet	Baliet Town	21	41	60	60	na	na	na	na	1	1	1
Maiwut	Maiwut Town	14	na	na	na	na	na	na	na	na	3	3
Malakal	Malakal Town	33	8	21	18	na	na	na	na	20	na	na
Renk	Renk Town	26	21	28	30	na	na	na	na	na	3	2
Warrap												
Gogrial East	Luonyaker	21	21	26	21	na	na	na	na	na	na	na
Gogrial West	Akon	60	21	21	21	na	na	na	na	na	na	na
	Kuajok	26	28	29	25	na	na	na	na	na	na	3
Tonj North	Warrap Town	21	21	21	21	na	na	na	na	na	na	na
Tonj South	Tonj Town	21	na	na	na	na	na	na	na	na	na	na
Western Bahr el Ghazal												
Raja	Deim Zubeir	na	na	na	na	na	na	na	na	na	na	na
Wau	Wau	11	11	22	22	na	na	na	na	na	21	21
Western Equatoria												
Ezo	Ezo Town	na	na	na	na	na	na	na	na	1	9	5
Ibba	Ibba	na	na	na	na	60	na	na	na	na	na	1
Maridi	Maridi Town	60	60	60	na	na	60	na	na	na	14	11
Mundri East	Lui	60	60	na	na	na	na	na	na	1	1	1
Mundri West	Mundri Town	na	na	na	na	14	35	na	na	na	na	5
Mvolo	Mvolo Town	41	na	na	na	na	na	na	na	na	8	8
Nengero	Nengero Town	21	na	60	14	na	na	na	na	na	4	5
Nzara	Nzara Town	26	21	41	14	na	na	na	na	na	30	7
Tambura	Tambura Town	na	na	na	na	na	na	na	na	na	15	10
Yambio	Yambio	na	na	na	na	na	na	na	na	na	15	15

na : no stock level data available

na : none of the interviewed traders reported being able to restock this item

METHODOLOGY

The JMMI aims to inform market-based programming in South Sudan. Coverage 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.

In each assessed location, at least four prices per food, non-food, and livestock item need to be collected from different traders to ensure the quality and consistency of the collected data (2 for currencies and milling costs, 5 for casual labor). In line with the purpose of the JMMI, only the prices of the cheapest available types are recorded for each item.

Partner field teams identify traders to assess based on the following criteria:

- Traders are retailers selling directly to consumers.
- Traders with weight scales are prioritised when recording prices of dry food items.
- Traders need to be representative of the local price level.
- To the extent possible, the same traders are revisited in every data collection round.

The data is collected by field staff familiar with the local market conditions. They are trained on methodology and tools by REACH. Data collection is conducted through the ODK Collect mobile application. The data collection tool is published alongside the dataset every month and disseminated to the humanitarian community.

Following data collection, REACH compiles and cleans all partner data,

normalising prices, cross-checking outliers, and calculating the median cost of an MSSMEB in each assessed location.

The median item prices reported in this factsheet are 'location medians', designed to minimise the effects of outliers and differing amounts of data among assessed locations. First, the median prices of all assessed items are calculated within each assessed location; then, REACH calculates the median of this list of medians. All MSSMEB and price index calculations are created using this method.

MSSMEB Calculation

- The cost of the MSSMEB is calculated by multiplying the median price of each item in the respective location by the quantity listed in the table on page 2.
- Sorghum grain prices are used for the calculation of the cereal component, and maize grain prices for areas where maize is more commonly consumed. In areas where both cereals are consumed equally, the price of the cheaper item is used.
- Bean prices are used for the pulse component.
- Rather than the prices of vegetable oil, the prices of the cheapest locally available cooking oil is used.
- For airtime, a monthly cost of 1 USD is assumed, based on the rates of local telecom providers.
- All USD amounts are converted to SSP using the local parallel market exchange rates.
- If a component of the MSSMEB is unavailable in a location, the overall median price is used for the calculation of the index.

More details on the methodology can be found in the [JMMI terms of reference \(ToR\)](#).

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 unit sizes of dry food items is inherently difficult in South Sudan, as many traders sell commodities by volume rather than weight. This may create a measurement error.
- With current coverage, data is mostly collected from main markets, which may not be representative of rural areas.
- As the JMMI continues to expand and is extended to additional locations, the reported changes in the overall median prices may be driven by shifts in coverage rather than actual price changes.

Participating Agencies

- ACTED – Agency for Technical Cooperation and Development
- CAFOD-Trócaire – Catholic Agency for Overseas Development & Trócaire
- CARE
- Caritas
- Church & Development
- Concern
- Cordaid
- DCA – Danish Church Aid
- DRC – Danish Refugee Council
- GOAL
- HARD – Hope Agency for Relief and Development
- ICPDO – Integrated Community Peace & Development Organization
- IOM – International Organization for Migration
- Malteser- International
- IRC – International Rescue Committee
- NRDC – National Relief and Development Corps
- Nile Hope
- Oxfam
- Plan international

- REACH Initiative
- Save the Children
- Solidarites International
- SPEDP – Support for Peace and Education Development Programme
- South Sudan Grass Root initiative for Development (SSGID)
- Star Trut Organization (STO)
- Tearfund
- UNHCR- United Nations High Commissioner for Refugee
- UNICEF – United Nations Children's Fund
- UNKEA – Universal Network for Knowledge & Empowerment Agency
- Welthungerhilfe (WHH)
- Windle Trust International
- World Vision

Endnotes

¹ The MSSMEB is calculated in each assessed location as described in the methodology box on the left and only includes key items. The overall MSSMEB is the median across all assessed locations.

² The food basket is composed of only the food items in the MSSMEB. The overall cost of the food basket is the median across all assessed locations.

³ Source: Central Bank of South Sudan (2020, November 1). Retrieved from <https://www.boss.gov.ss> The rates from 25 January 2022 were used for the calculation of the monthly change.

⁴ Greater Bahr el Ghazal includes the states of Lakes, Northern Bahr el Ghazal, Warrap and Western Bahr el Ghazal; Greater Equatoria includes the states of Central Equatoria, Eastern Equatoria and Western Equatoria; Greater Upper Nile includes the states of Jonglei, Unity and Upper Nile.

⁵ The prices were normalised by setting August 2019 as the baseline and dividing each month's price by the price in August 2019.

JMMI OUTPUTS

Factsheets Datasets

2022

April	April
March	March
February	February
January	January

2021

December	December
November	November
October	October
September	September
August	August
July	July
June	June
May	May
April	April
March	March
February	February
January	January

2020

December	December
November	November
October	October
September	September
August	August
July	July
June	June
May	May
April	April
March	March
February	February
January	January

2019

December	December
November	November
October	October
September	September
August	August

JMMI factsheets & datasets can be accessed through the [dashboard](#)