

INTRODUCTION

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

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 \(MSSMEB\)](#).

Cost of MSSMEB¹

86,380 SSP

133.15 USD*

change since July 2022

13,505 SSP ▲+19%

Cost of food basket²

73,407 SSP

113.15 USD*

change since July 2022

15,910 SSP ▲27%

USD/SSP

(official)³

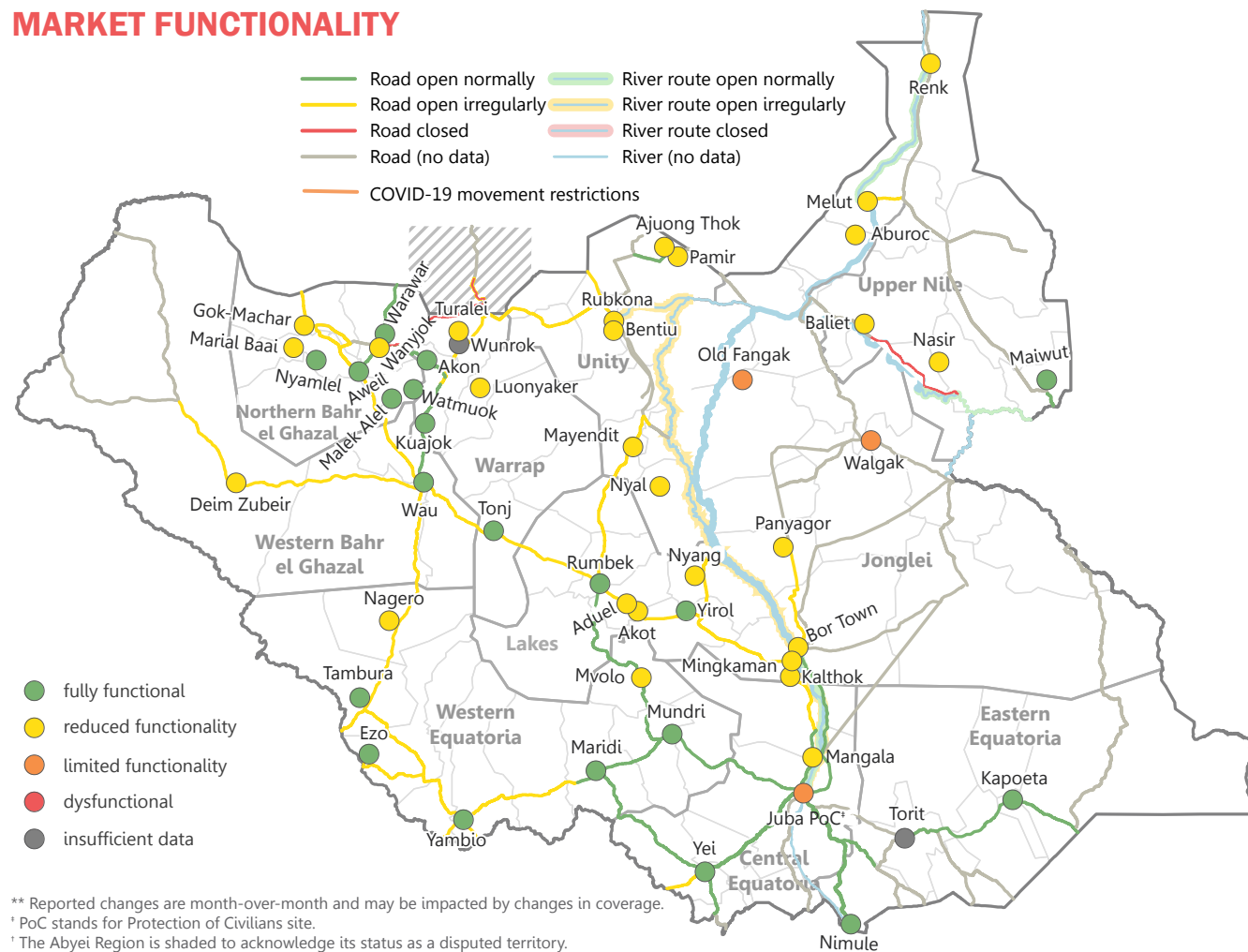
629

128.43 SSP ▲+26%

PARTICIPATING AGENCIES

Cina
Cordaid
DCA
DRC
IOM
IRC
LDO
Malter International
Nile Hope
NPA
NRDC
REACH
SCI
SPEDP
SSGID
SSRC
STO
Tearfund
UNHCR
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.

² The Abyei Region is shaded to acknowledge its status as a disputed territory.

³ The number of participating agencies indicates the total number of partner organisations that collected data in July

21 participating agencies[§]

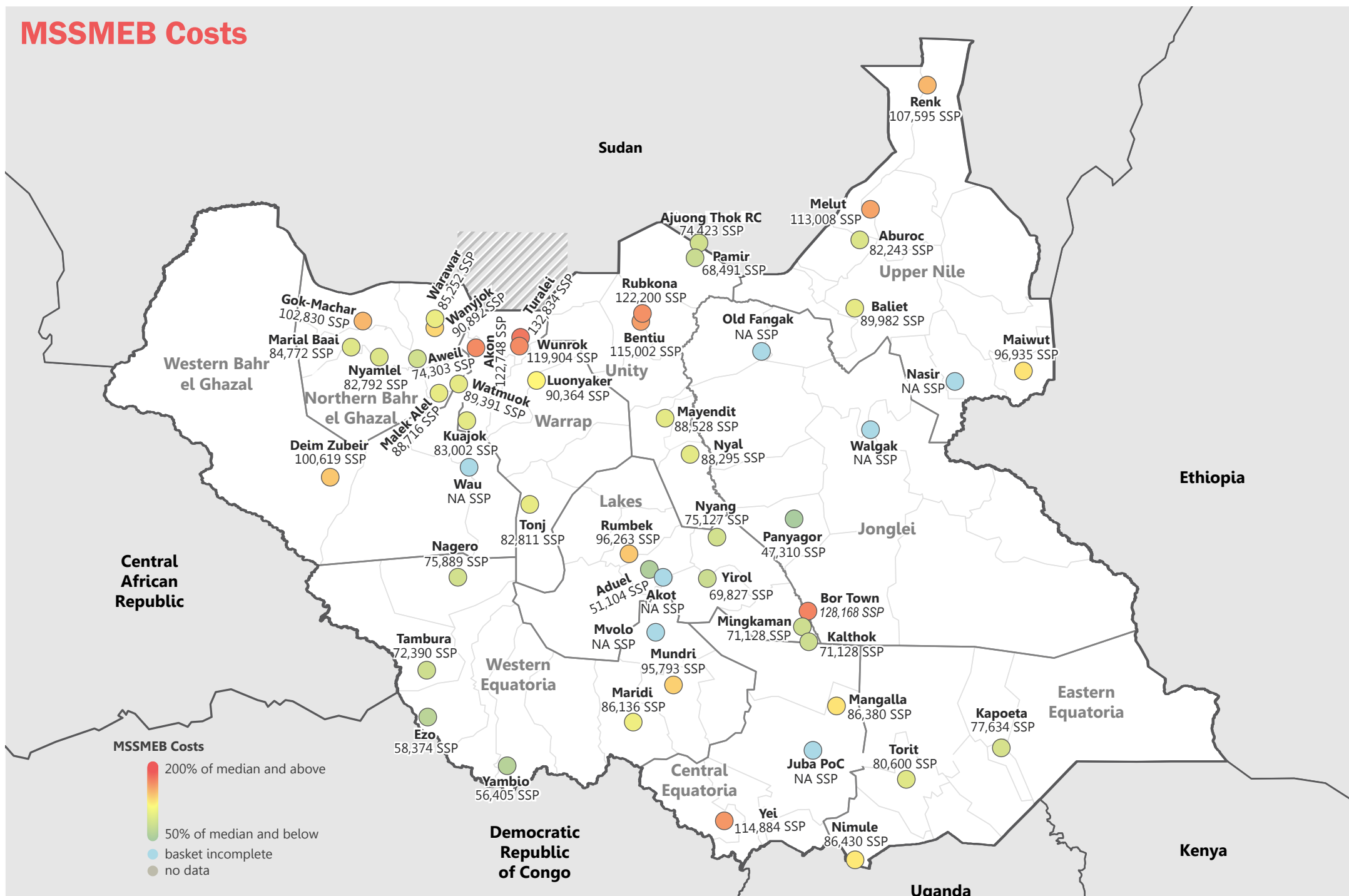
52 assessed locations[†]

81 assessed marketplaces

1,043 key informants

31 assessed commodities

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
Jerry can	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 added 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)

86,380 SSP

Change since July 2022

13,505 SSP ▲19%

Change since July 2021

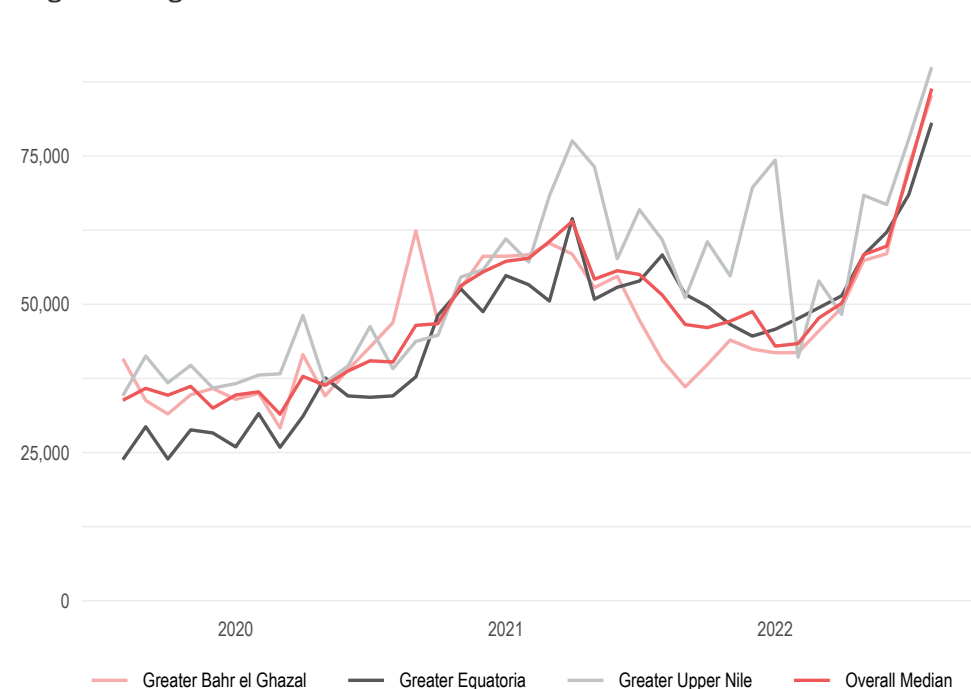
34,827 SSP ▲68%

MSSMEB PER LOCATION

County	Location	MSSMEB key items in SSP	Change since July 2022	Change since Aug 2021	MSSMEB key items in USD†
Central Equatoria					
Juba	Juba PoC	na	na	na	na
	Mangala	86,380	▲22%	na	133.15
Yei	Yei Town	114,884	▲34%	▲23%	180.92
Eastern Equatoria					
Kapoeta South	Kapoeta Town	77,634	na	na	119.44
Magwi	Nimule	86,430	▲26%	▲45%	131.70
Torit	Torit Town	80,600	na	na	124.00
Jonglei					
Akobo	Walgak	na	na	na	na
Bor South	Bor Town	128,168	▲40%	na	183.43
Fangak	Old Fangak	na	na	na	184.64
Twic East	Panyagor	47,310	na	na	na
Lakes					
Awerial	Kalthok	71,128	▲15%	na	106.96
	Mingkaman	71,128	▲15%	▼7%	116.60
Rumbek Centr	Rumbek Town	96,263	▲5%	na	152.80
Rumbek East	Aduel	51,104	▲12%	na	78.77
	Akot	na	na	na	na
Yirol East	Nyang	75,127	▲25%	na	115.80
Yirol West	Yirol Town	69,827	▲10%	na	107.63
Northern Bahr el Ghazal					
Aweil Centre	Aweil Town	74,303	▲2%	▲90%	106.34
Aweil East	Wanyjok	90,892	▲14%	▲122%	134.16
	Warawar	85,252	▲10%	na	128.44
Aweil North	Gok Machar	102,830	▲40%	▲166%	152.34
Aweil South	Malek Alel	88,716	▲5%	▲119%	132.91
	Watmuok	89,391	▲7%	na	133.92
Aweil West	Marial Baai	84,772	▲12%	▲132%	130.92
	Nyamlel Town	82,792	▲11%	▲105%	125.20
Unity					
Mayendit	Mayendit	88,528	na	na	136.46
Panyijiar	Nyal	88,295	▼8%	na	150.93
Pariang	Ajuong Thok	74,423	na	▲131%	127.76
	Pamir RC	68,491	▲57%	na	105.57
Rubkona	Bentiu Town	115,002	▲77%	▲151%	181.11
	Rubkona	122,200	▲54%	▲169%	192.44
Upper Nile					
Baliet	Baliet Town	89,982	na	na	138.70
Fashoda	Aburoc	82,243	na	na	149.53
LuakpinyNasir	Nasir Town	na	na	na	na
Maiwut	Maiwut Town	96,935	na	na	131.88
Melut	Melut Town	113,008	▲70%	▲86%	177.97
Renk	Renk Town	107,595	▲109%	na	169.44
Warap					
Gogrial East	Luonyaker	90,364	▲41%	▲70%	139.29
Gogrial west	Akon	122,748	▲48%	na	189.21
	Kuajok	83,002	▲23%	▲127%	140.68
Tonj South	Tonj Town	82,811	▲26%	▼8%	127.65
Twic	Turalei	132,834	▲39%	▲111%	196.79
	Wunrok	119,904	▲40%	na	206.73
Western Bahr el Ghazal					
Raja	Deim Zubeir	100,619	▲55%	na	155.10
Wau	Wau	na	na	na	na
Western Equatoria					
Ezo	Ezo Town	58,374	▲13%	na	97.29
Maridi	Maridi Town	86,136	▲108%	na	142.37
Mundri West	Mundri Town	95,793	▲2%	▲75%	147.37
Mvolo	Mvolo Town	na	na	na	na
Nagero	Nagero Town	75,889	▲24%	na	134.32
Tambura	Tambur Town	72,390	▲4%	na	131.62
Yambio	Yambio Town	56,405	▲27%	▲21%	89.53
Overall		86,380	▲19%	▲68%	133.15

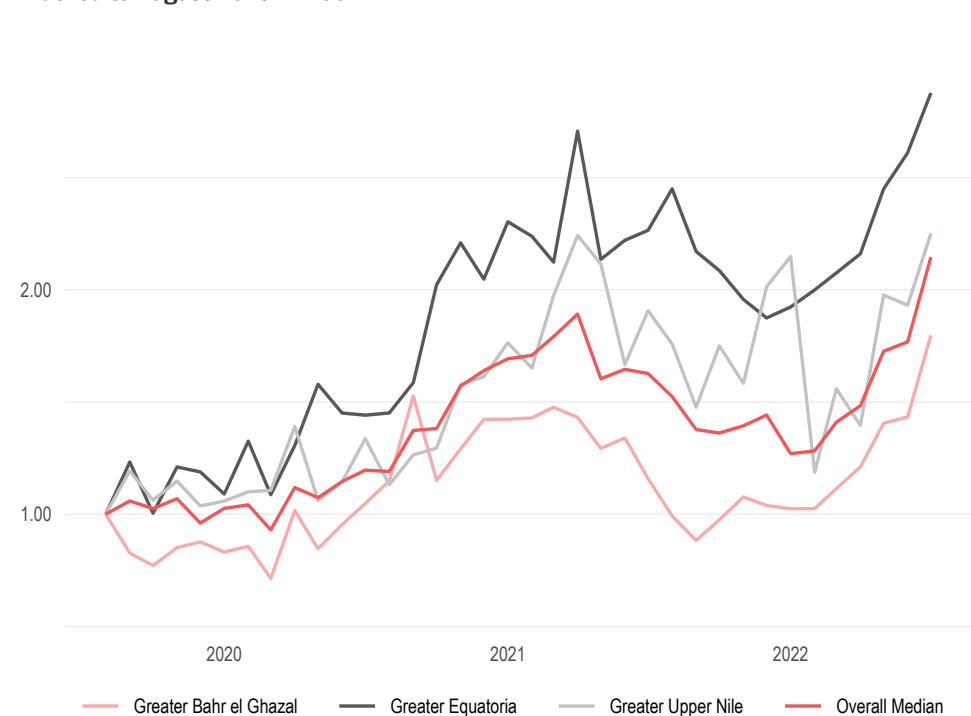
MSSMEB OVER TIME⁵

Aug 2019 - Aug 2022 in SSP



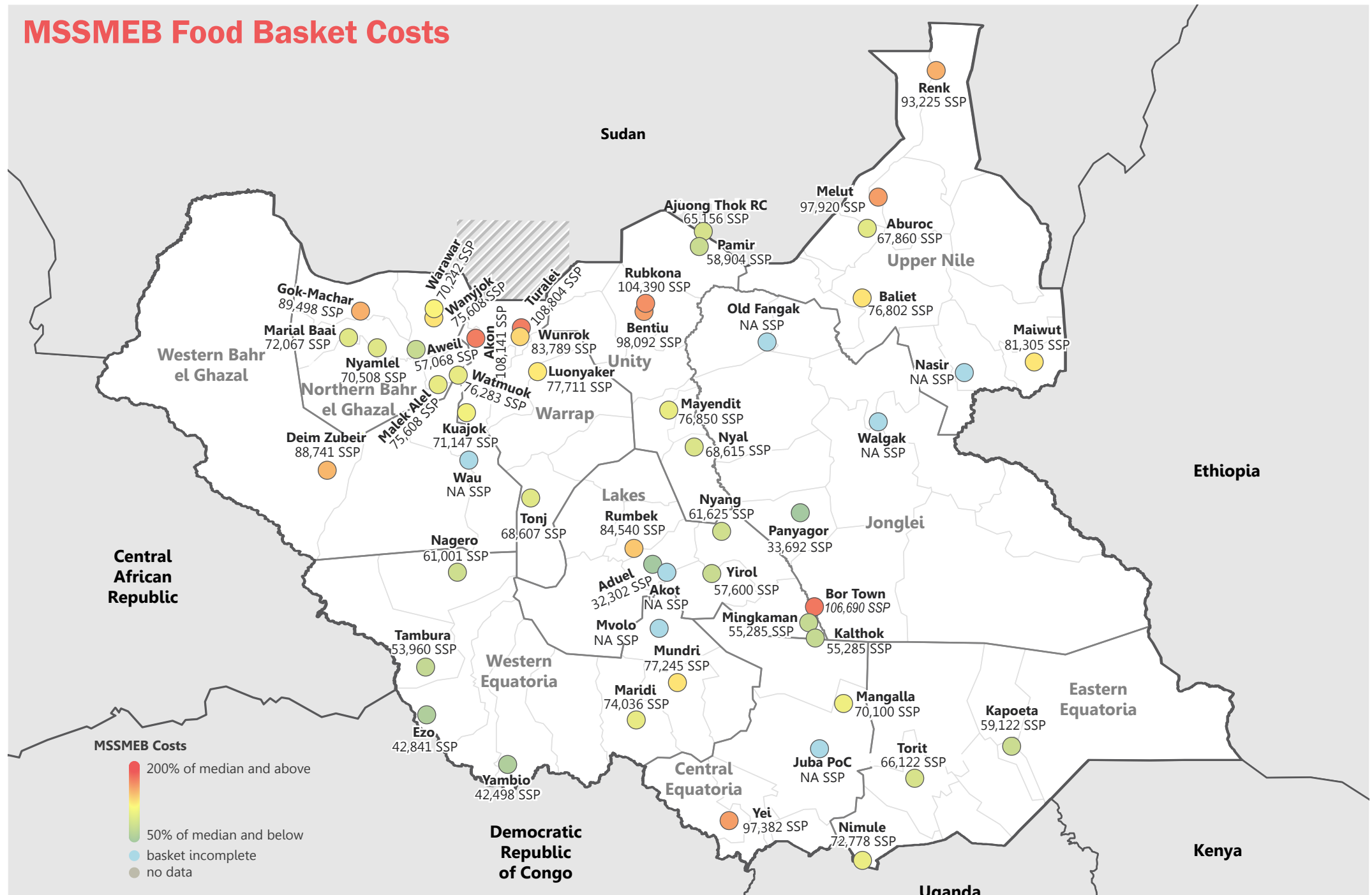
MSSMEB OVER TIME⁵

Indexed to August 2019 = 1.00⁶



⁵ No sorghum nor maize prices were available. No alternate cereal prices were available for Juba PoC, Walgak, Old Fangak, Akot, Nasir, Wau & Mvolo, therefore the MSSMEB has been left blank.

MSSMEB Food Basket Costs



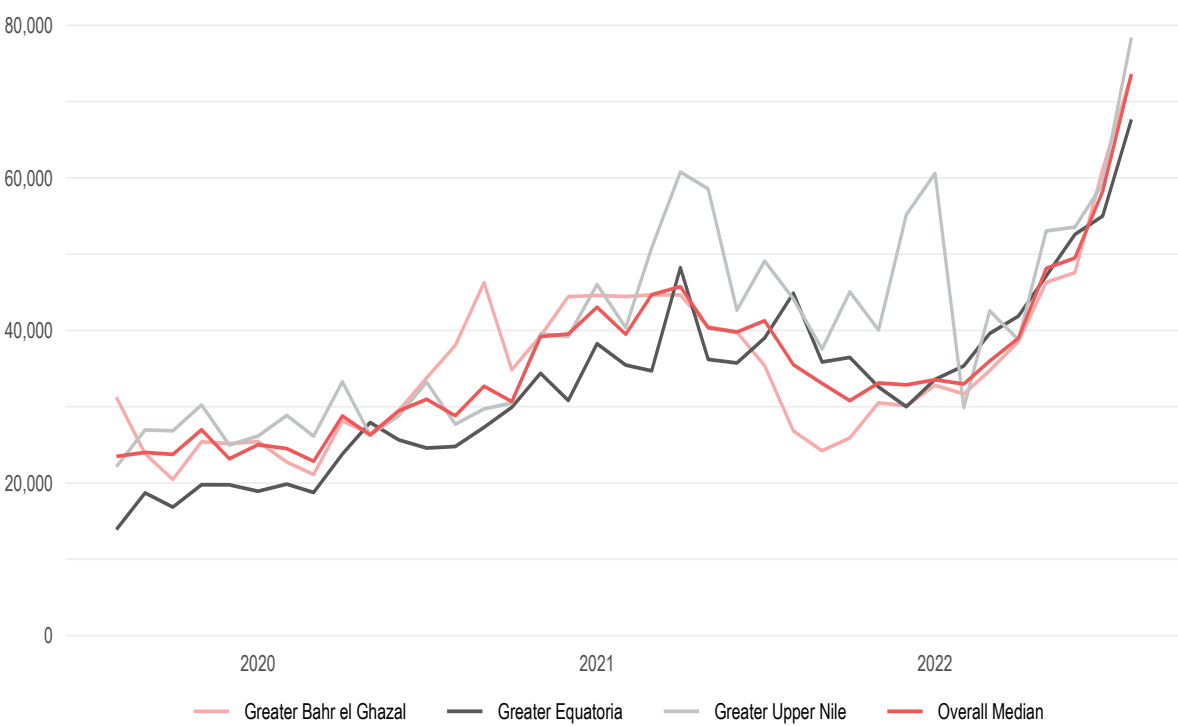
INDICES PER LOCATION

County	Location	MSSMEB food basket in SSP	Change since July 2022	Change since Aug 2021	Food price index* in SSP	Change since July 2022	Change since Aug 2021
Central Equatoria							
Juba	Juba PoC	na	na	na	7,011	▲ 24%	▲ 98%
	Mangala	70,100	▲ 20%	na	7,261	▲ 22%	na
Yei	Yei Town	97,382	▲ 33%	▲ 23%	9,419	▲ 63%	▲ 55%
Eastern Equatoria							
Kapoeta South	Kapoeta Town	59,122	na	na	7,758	▲ 18%	na
Magwi	Nimule	72,778	▲ 28%	▲ 62%	8,381	▲ 29%	▲ 41%
Torit	Torit Town	66,122	na	na	5,963	▼ 10%	▲ 38%
Jonglei							
Akobo	Walgak	na	na	na	10,539	▲ 23%	na
Bor	Bor Town	109,690	▲ 45%	na	7,119	▲ 27%	na
Fangak	Old Fangak	na	na	na	8,889	▲ 41%	na
TwicEast	Panyagor	33,692	na	na	7,281	▲ 8%	▲ 11%
Lakes							
Awerial	Kalthok	55,285	▲ 29%	na	6,360	▲ 21%	▲ 55%
	Mingkaman	55,285	▲ 31%	▼ 6%	6,360	▲ 23%	▲ 23%
Rumbek Centre	Rumbek Town	84,540	▲ 29%	na	8,277	▲ 27%	na
Rumbek East	Aduel	32,302	▼ 8%	na	6,065	▲ 4%	na
	Akot	na	na	na	8,443	na	na
Yirol East	Nyang	61,625	na	na	5,125	▲ 11%	na
Yirol West	Yirol Town	57,600	na	na	5,200	▲ 5%	na
Northern Bahr el Ghazal							
Aweil Centre	Aweil Town	57,068	▼ 2%	▲ 140%	7,518	▲ 19%	▲ 84%
Aweil East	Wanyjok	75,608	▲ 10%	▲ 240%	10,358	▲ 50%	▲ 202%
	Warawar	70,242	▲ 7%	na	10,282	▲ 50%	▲ 79%
Aweil North	Gok-Machar	89,498	▲ 47%	▲ 260%	8,002	▲ 28%	▲ 81%
Aweil South	MalekAlel	75,608	▲ 3%	▲ 233%	10,093	▲ 25%	▲ 160%
	Watmuok	76,283	▲ 6%	na	10,177	na	na
Aweil West	Marial Baai	72,067	na	na	7,836	▲ 24%	▲ 57%
Aweil West	Nyamlel Town	70,508	▲ 15%	▲ 163%	7,904	▲ 27%	▲ 72%
Unity							
Mayendit	Mayendit Town	76,850	na	na	9,626	► 0%	na
Panyijiar	Nyal	68,615	▼ 12%	na	7,973	▼ 1%	na
Pariang	AjuongThok RC	65,156	na	▲ 249%	8,243	▲ 19%	▲ 95%
Pariang	Pamir RC	58,904	▲ 76%	na	7,654	▲ 40%	▲ 79%
Rubkona	Bentiu	98,092	▲ 114%	▲ 205%	11,580	▲ 57%	▲ 89%
	Rubkona Town	104,390	▲ 74%	▲ 226%	12,192	▲ 50%	▲ 103%
Upper Nile							
Baliet	Baliet Town	76,802	na	na	9,904	na	na
Fashoda	Aburoc	67,860	na	na	9,637	▲ 32%	na
LuakpinyNasir	Nasir Town	na	na	na	9,195	▲ 11%	na
Maiwut	Maiwut Town	81,305	na	na	8,876	▼ 1%	na
Melut	Melut Town	97,920	▲ 80%	▲ 130%	10,746	▲ 38%	▲ 61%
Renk	Renk Town	93,225	▲ 135%	na	11,166	▲ 80%	na
Warrap							
Gogrial East	Luonyaker	77,711	▲ 55%	▲ 123%	10,584	▲ 112%	▲ 104%
Gogrial West	Akon	108,141	▲ 61%	na	9,153	▲ 21%	na
	Kuajok	71,147	▲ 33%	▲ 183%	6,241	▲ 23%	▲ 66%
Tonj South	Tonj Town	68,607	▲ 24%	▼ 12%	5,896	▲ 19%	▼ 2%
Twic	Turalei	108,804	▲ 52%	▲ 155%	10,227	▲ 44%	▲ 58%
Tonj South	Wunrok	83,789	▲ 19%	na	7,695	▲ 6%	na
Western Bahr el Ghazal							
Raja	Deim Zubeir	88,741	▲ 61%	na	9,250	▲ 42%	na
Wau	Wau	na	na	na	8,545	▲ 10%	▲ 123%
Western Equatoria							
Ezo	Ezo Town	42,841	▲ 9%	na	6,733	▲ 21%	na
Maridi	Maridi Town	74,036	▲ 149%	na	6,822	▲ 16%	na
Mundri West	Mundri Town	77,245	▲ 1%	▲ 92%	7,174	▲ 1%	▲ 78%
Mvolo	Mvolo Town	na	na	na	6,714	▲ 46%	na
Nagero	Nagero Town	61,001	▲ 27%	na	9,455	▲ 46%	na
Tambura	Tambura Town	53,960	▲ 1%	na	8,097	▲ 19%	na
Yambio	Yambio Town	42,498	▲ 27%	▲ 28%	6,030	▲ 27%	▲ 55%
Overall		73,407	▲ 27%	▲ 112%	8,243	▲ 29%	▲ 65%

* 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.

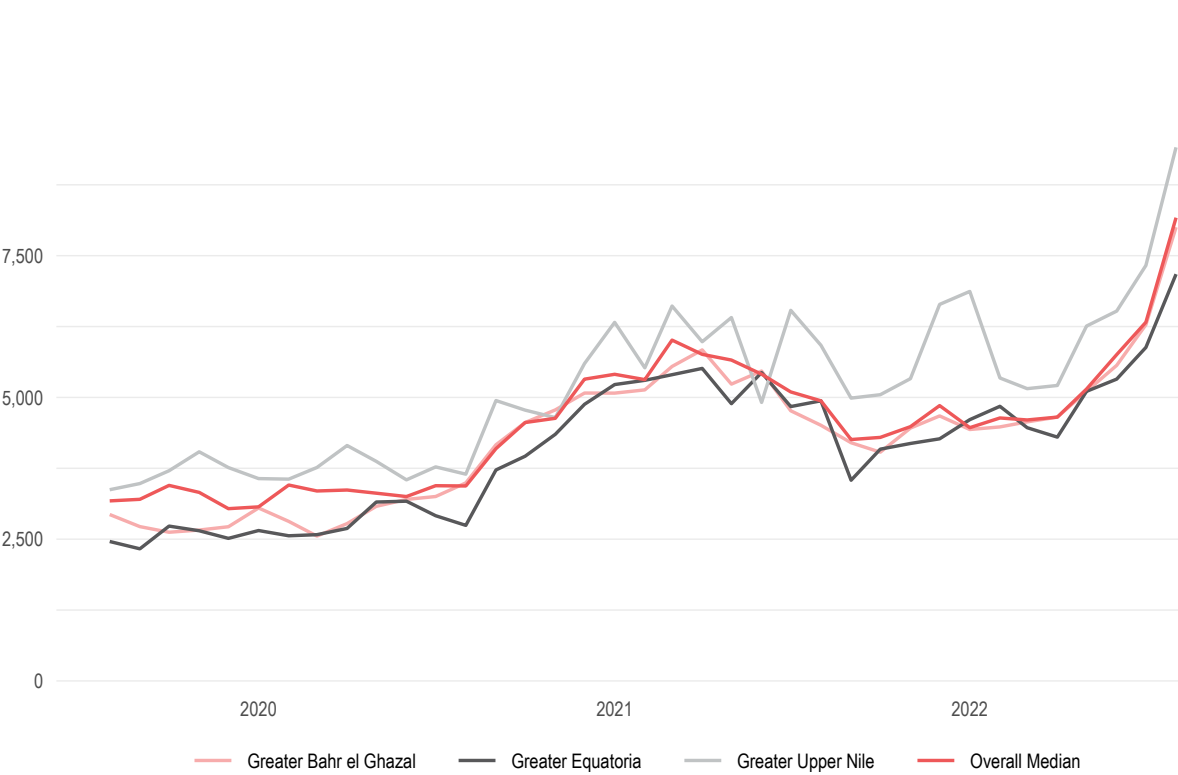
MSSMEB FOOD BASKET OVER TIME⁵

Aug 2019 - Aug 2022 in SSP



FOOD PRICE INDEX OVER TIME⁵

Aug 2019 - Aug 2022 in SSP



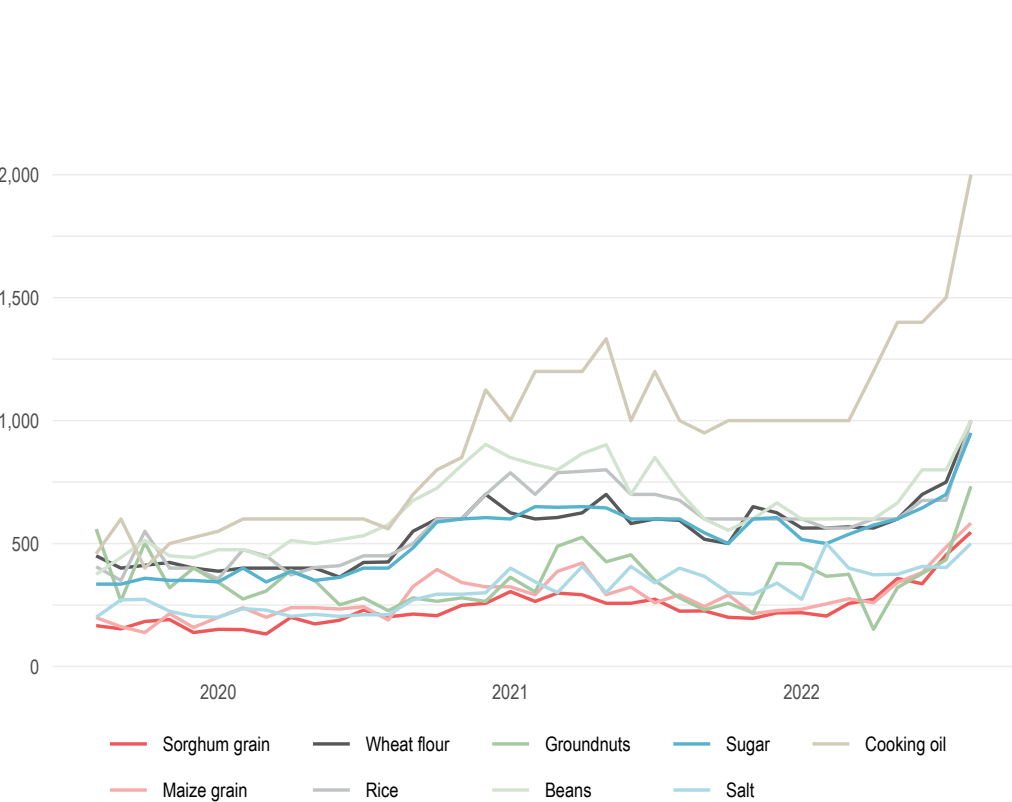
PRICES OF MONITORED ITEMS

Item	Unit	Median price in SSP	Change since July 2022	Change since Aug 2021	Median price in USD
Food Items					
Sorghum grain	1 kg	547	▲ 20%	▲ 143%	0.84
Maize grain	1 kg	598	▲ 20%	▲ 100%	0.92
Wheat flour	1 kg	1,000	▲ 33%	▲ 68%	1.54
Rice	1 kg	1,000	▲ 48%	▲ 48%	1.54
Groundnuts (shelled)	1 kg	698	▲ 69%	▲ 163%	1.08
Beans	1 kg	1,000	▲ 25%	▲ 41%	1.54
Sugar	1 kg	950	▲ 36%	▲ 58%	1.46
Salt	1 kg	500	▲ 24%	▲ 25%	0.77
Cooking oil	1 L	2,000	▲ 33%	▲ 100%	3.08
Water*	1 L	na	▲ 29%	▲ 65%	na
Non-Food Items					
Soap	200 g	300	▲ 29%	▲ 105%	0.46
Jerrycan	1 pc	1,625	▲ 17%	▲ 59%	2.50
Mosquito net	1 pc	2,500	▲ 25%	▲ 67%	3.85
Exercise book	1 pc	300	► 0%	► 0%	0.46
Blanket	1 pc	6,000	▲ 50%	▲ 9%	9.25
Cooking pot	1 pc	5,000	► 0%	▲ 8%	7.71
Plastic sheet	1 pc	8,000	▲ 8%	► 0%	12.33
Pole	1 pc	1,000	► 0%	► 0%	1.54
Firewood	1 bundle	500	▼ 7%	▼ 20%	0.77
Charcoal	1 kg	117	▲ 2%	▲ 15%	0.18
Rubber rope	1 roll	5,000	▲ 1900%	na	7.71
Kanga	1 roll	5,500	▲ 36%	na	8.48
Solar lamp	1 pc	5,500	▲ 10%	na	8.48
Aqua tab	1 strip	500	▲ 400%	na	0.77
Plastic bucket	1 pc	3,250	▲ 50%	na	5.01
Sanitary pads	1 pc	1,100	▲ 100%	na	1.70
Pen	1 pc	150	► 0%	na	0.23
Pencil	1 pc	100	▲ 18%	na	0.15
Rubber	1 pc	100	► 0%	na	0.15
Sharpener	1 pc	150	▲ 50%	na	0.23
Livestock Items					
Goat	1 goat	15,400	▲ 10%	▼ 13%	23.74
Chicken	1 chicken	2,500	▼ 7%	▲ 2%	3.85
Services					
Milling costs	1 kg	86	▲ 21%	▲ 45%	0.13
Currencies					
US dollar	1 USD	649	▲ 24%	▲ 57%	
Sudanese pound	1 SDG	9.66	▼ 46%	na	
Ethiopian biir	1 ETB	11.00	▲ 38%	▲ 47%	
Ugandan shilling	1 UGX	0.21	▲ 29%	▼ 9%	
Kenyan shilling	1 KES	4.25	▲ 1%	▼ 61%	

* Prices only collected for Juba Town

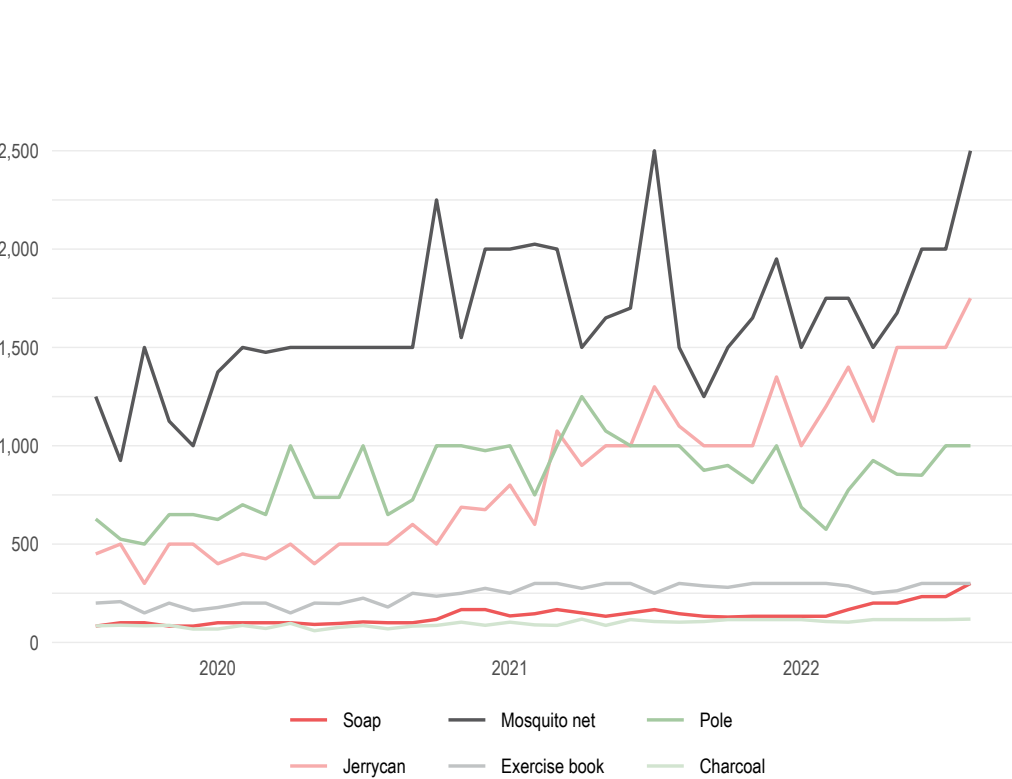
FOOD PRICES OVER TIME

Aug 2019 - Aug 2022 in SSP



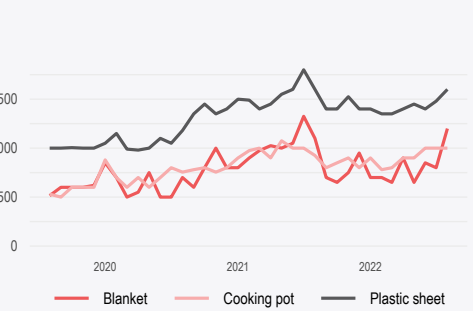
NFI PRICES OVER TIME

Aug 2019 - Aug 2022 in SSP



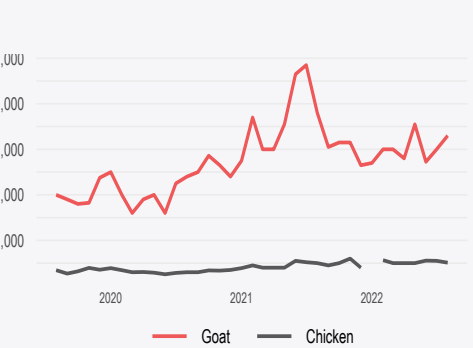
NFI PRICES OVER TIME CONT.

Aug 2019 - Aug 2022 in SSP

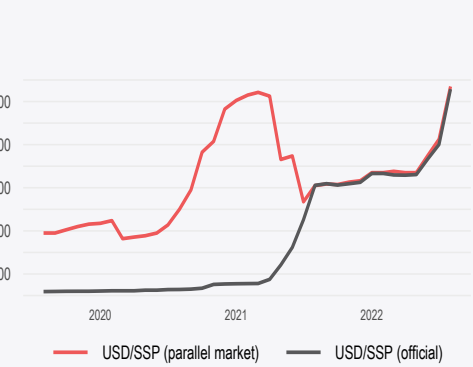


LIVESTOCK PRICES OVER TIME

Aug 2019 - Aug 2022 in SSP



USD EXCHANGE RATE OVER TIME

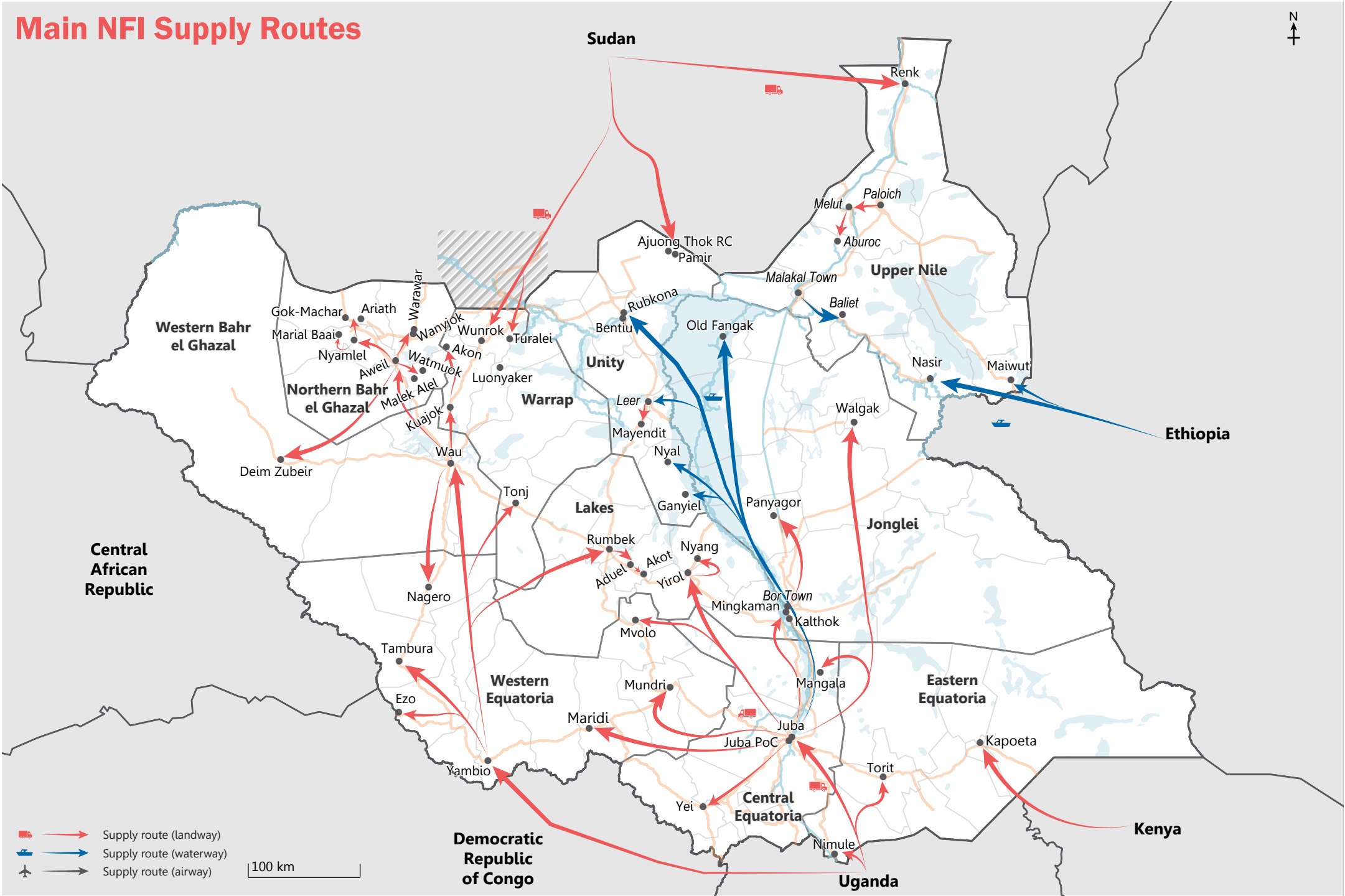


OTHER EXCHANGE RATES OVER TIME

(Parallel market rates)

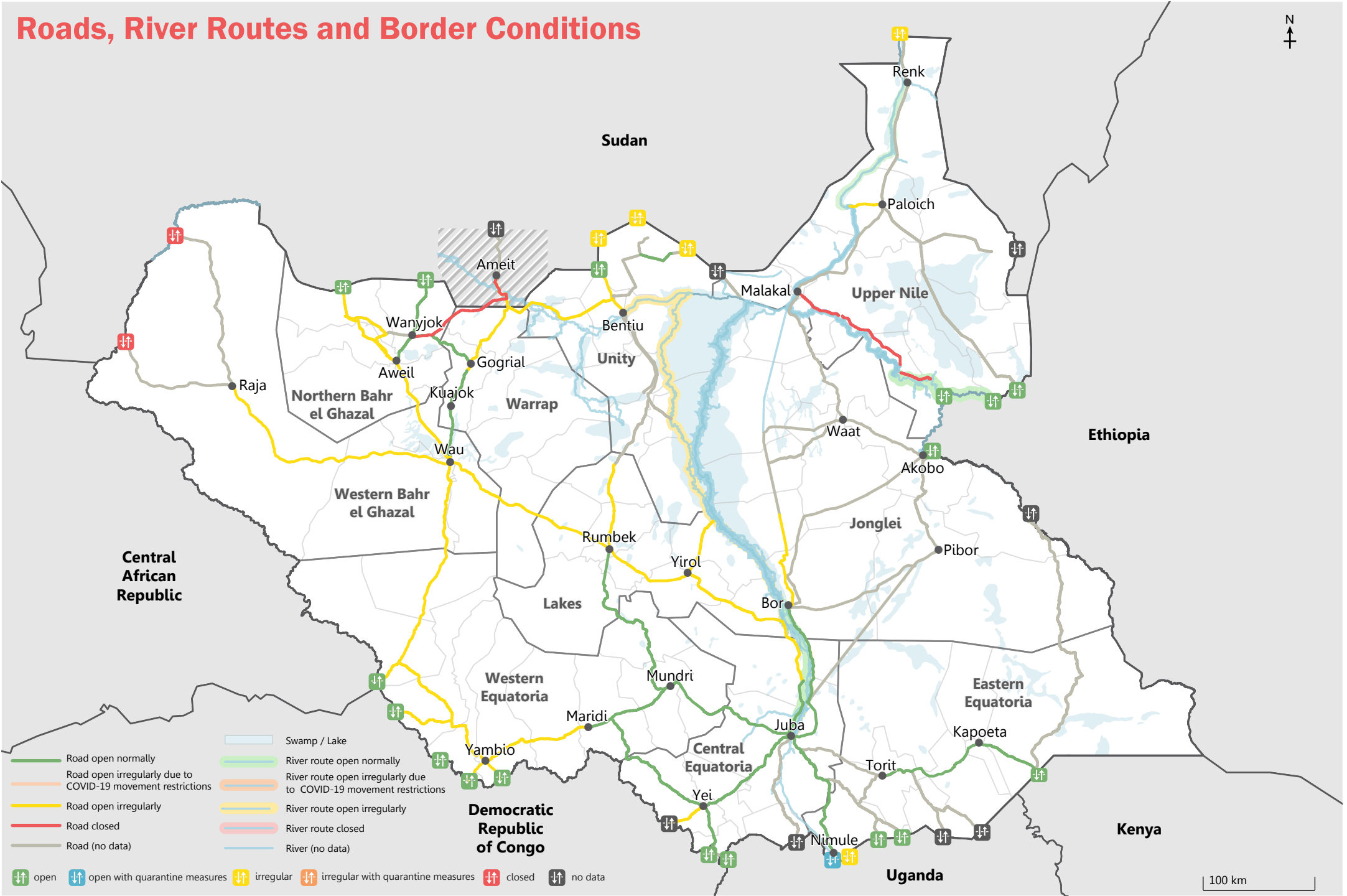


Main NFI Supply Routes



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.

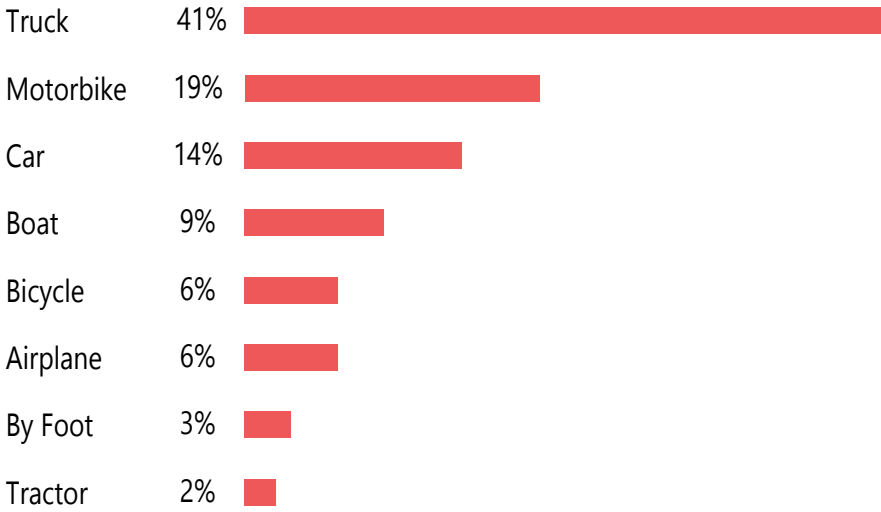
Roads, River Routes and Border Conditions



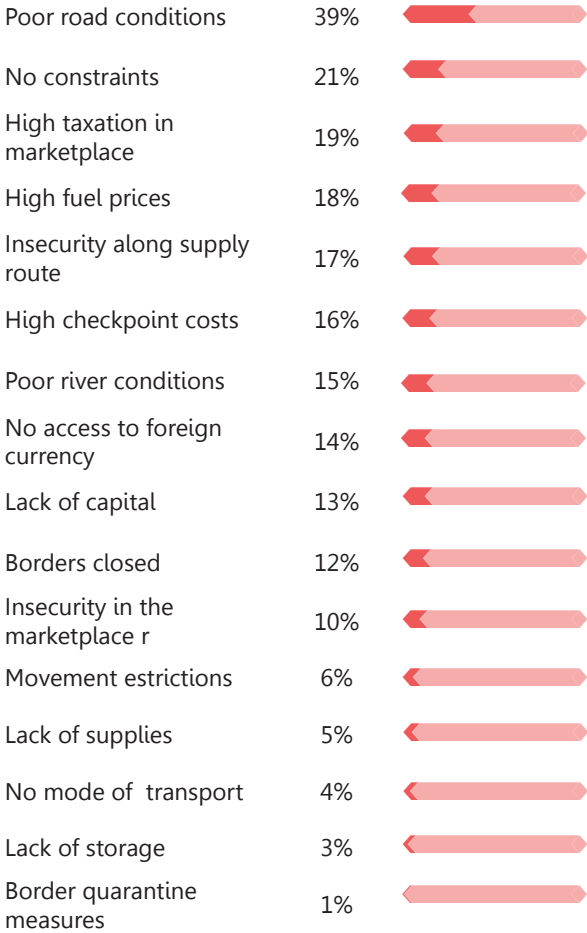
The map illustrates the reported road, river route and border crossing conditions at the time of data collection. The results are indicative of trade activity only.

Additional Indicators

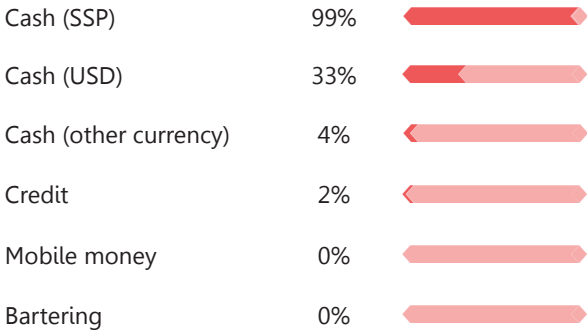
Primary modes of transport for restocking local cereals reported by traders



Reported restocking constraints*



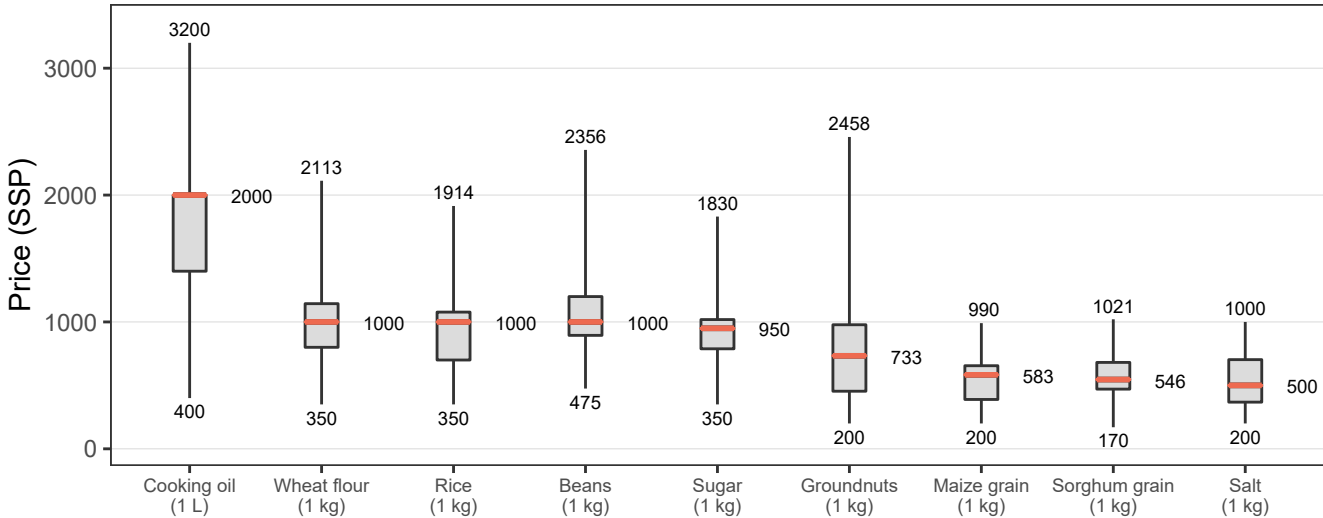
Accepted payment modalities*



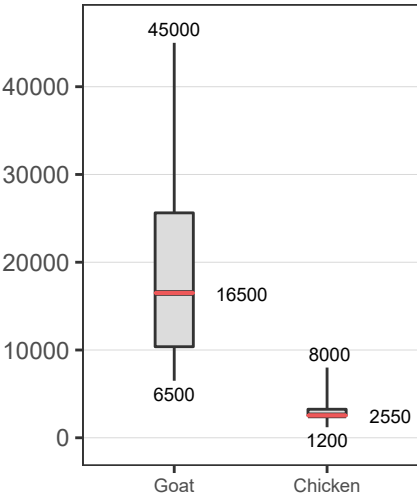
* Values do not add up to 100% as traders were allowed to select multiple options.

Distribution of Prices

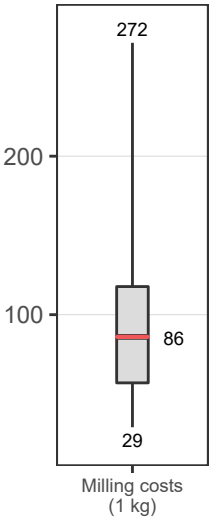
Food Items



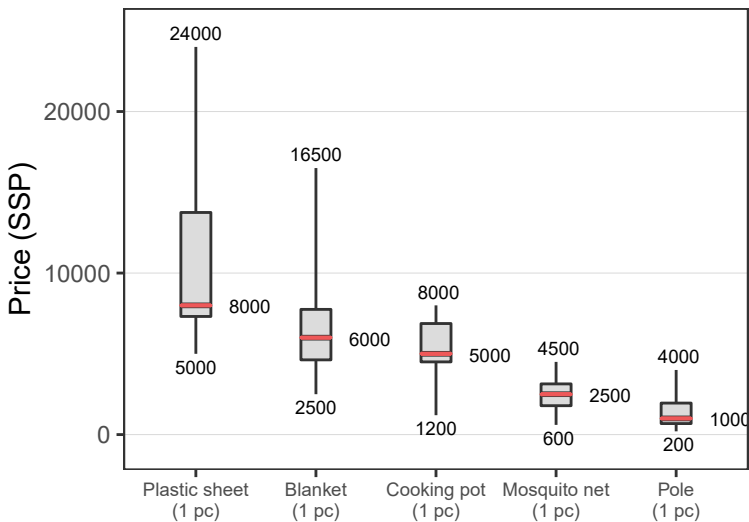
Livestock



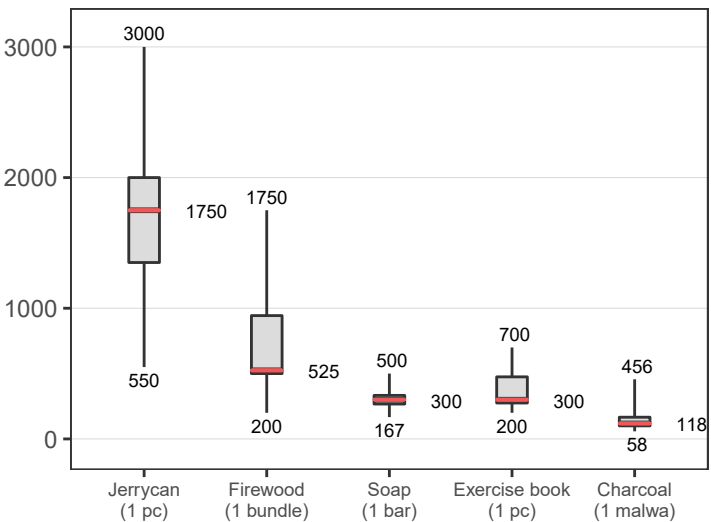
Services



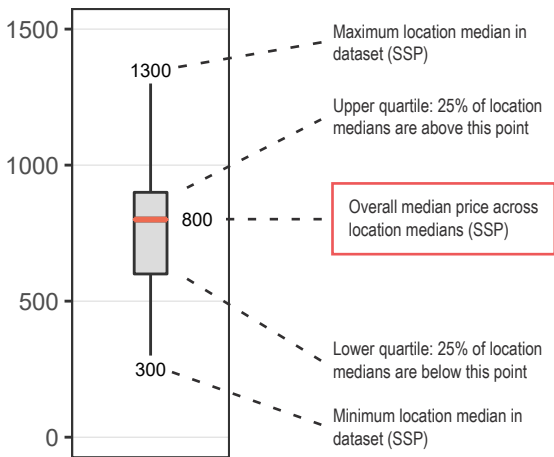
NFIs



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)																									
County	Location	Sorghum grain (1 kg)	Maize grain (1 kg)	Wheat flour (1 kg)	Rice (1 kg)	Groundnuts (shelled) (1 kg)	Beans (1 kg)	Sugar (1 kg)	Salt (1 kg)	Cooking oil (1 L)	Water (1 L)	Soap (200 g)	Jerrycan (1 pc)	Mosquito net (1 pc)	Exercise book (1 pc)	Blanket (1 pc)	Cooking pot (1 pc)	Plastic sheet (1 pc)	Pole (1 pc)	Firewood (1 bundle)	Charcoal (1 malwa)	Goat (1 unit)	Chicken (1 unit)	Milling costs (1 kg)	
Central Equatoria																									
Juba	Juba PoC	na	na	986	1070	na	1109	1103	na	400	na	233	na	na	350	na	na	na	4000	na	116	na	na	272	
	Mangala	500	na	na	na	na	620	645	na	1700	na	200	na	na	325	na	na	18000	3200	1750	172	na	6000	na	
Yei	Yei Town	851	810	na	788	1327	998	645	500	2500	na	267	2000	4500	350	5000	5000	10000	500	750	174	35000	8000	100	
Eastern Equatoria																									
Kapoeta South	Kapoeta Town	382	422	700	1126	na	1220	1000	611	1600	na	267	650	1500	na	2500	4750	10000	1150	1300	232	16500	2500	57	
Magwi	Nimule	531	598	1127	1126	838	1109	1075	577	1400	na	267	1800	2000	275	3500	3000	7000	525	1350	145	41000	6250	50	
Torit	Torit Town	300	na	na	700	na	1000	700	na	467	na	233	na	na	na	na	na	na	na	1250	138	na	na	na	
Jonglei																									
Akobo	Walgak	na	na	na	1527	na	1503	1747	919	2000	na	500	na	1200	500	na	na	15000	na	1000	na	15000	2500	na	
Bor South	Bor Town	1021	650	500	650	na	800	700	400	1700	na	233	600	2500	275	4750	6000	6750	3500	300	224	39000	4500	na	
Fangak	Old Fangak	na	na	1000	1000	na	na	1311	735	2000	na	333	na	1750	500	na	7500	18000	1000	500	138	na	na	143	
Twic East	Panyagor	170	na	na	883	na	665	860	407	2000	na	333	na	na	200	na	5000	na	3000	na	116	32000	2750	114	
Lakes																									
Awerial	Kalthok	410	389	563	450	838	665	645	400	2000	na	233	1500	2500	300	7500	7500	10000	1000	1500	174	35000	4000	72	
	Mingkaman	410	389	563	450	838	665	645	400	2000	na	233	1500	2500	300	7000	7250	10000	1000	1500	174	35000	4000	72	
Rumbek Centre	Rumbek Town	681	648	800	1000	na	1200	800	450	2000	na	233	1500	1500	275	7500	8000	8000	1000	550	103	14500	2250	63	
Rumbek East	Aduel	200	200	1000	800	na	1200	800	700	467	na	267	na	na	450	na	8000	9500	na	600	116	19000	2000	200	
	Akot	na	na	800	800	na	1200	800	1000	2000	na	333	na	na	500	na	5000	7500	na	600	110	na	2500	100	
Yirol East	Nyang	500	500	350	350	250	475	350	350	na	na	267	1000	na	250	na	na	na	800	500	103	27500	2500	125	
Yirol West	Yirol Town	450	400	350	350	200	500	350	600	2000	na	267	1000	na	250	na	5750	na	650	425	112	20000	3850	68	
Northern Bahr el Ghazal																									
Aweil Centre	Aweil Town	410	na	1000	950	492	1000	900	368	1800	na	267	1750	1600	225	15250	4750	7250	na	500	188	na	na	118	
Aweil East	Wanyjok	606	na	1144	700	2458	902	1000	950	2000	na	317	2000	3000	300	na	na	na	775	500	162	16800	3000	57	
	Warawar	546	na	1144	700	2458	902	950	984	2000	na	300	2000	2750	300	na	na	6250	750	500	158	14150	2925	57	
Aweil North	Gok-Machar	757	na	1000	1000	454	na	825	368	2000	na	267	2000	2000	275	na	na	8000	na	500	92	na	na	129	
Aweil South	MalekAlel	606	na	1068	700	2269	902	1000	950	2000	na	333	2000	3500	na	na	na	6000	775	500	116	15400	3400	57	
	Watmuok	614	na	1144	700	2269	902	1000	950	2000	na	333	2000	3000	300	na	4500	na	775	500	116	16500	3250	57	
Aweil West	Marial Baai	576	na	1000	1000	435	1000	1000	427	1800	na	300	na	2000	300	na	4500	7250	na	500	69	na	na	129	
	Nyamlel Town	546	na	1000	1000	492	1000	900	368	2000	na	284	2000	2000	300	14000	5000	8000	na	425	69	na	na	118	
Unity																									
Mayendit	Mayendit Town	545	583	na	na	na	1000	1000	800	3000	na	333	na	1500	350	na	na	na	1000	600	58	15000	2000	na	
Panyjar	Nyal	546	583	1144	1069	na	1052	874	407	1600	na	300	600	2000	700	na	5500	7000	1500	1000	138	15000	2500	na	
Pariang	AjuongThok_RC	491	648	1000	1000	454	902	900	848	2000	na	167	na	2250	250	3500	3000	24000	2500	500	69	na	na	61	
	Pamir RC	491	na	1200	1000	na	902	1165	600	1000	na	167	na	3000	300	4500	na	na	na	na	66	na	na	57	
Rubkona	Bentiu	748	957	1479	1577	733	1940	1334	712	2100	na	350	2500	3250	400	14000	4500	15500	3250	550	166	9750	2500	57	
	Rubkona Town	776	991	1408	1717	698	2356	1400	746	2100	na	350	3000	4250	475	16500	4500	15750	3250	575	166	10500	2250	57	
Upper Nile																									
Baliet	Baliet Town	546	na	1000	1200	na	na	1200	662	3000	na	300	na	na	375	na	na	na	na	300	86	na	1750	86	
Fashoda	Aburoc	478	na	1200	1000	1077	na	1400	285	2600	na	400	1500	1750	400	na	na	19000	1000	na	58	6500	1200	143	
Luakpiny/Nasir	Nasir	na	na	na	na	1000	1500	na	600	na	na	450	2250	600	na	na	na	na	na	na	na	na	na	na	
Maiwut	Maiwut Town	665	729	1144	1000	838	na	1000	500	na	na	500	2000	700	300	na	na	na	1000	1000	138	25000	3000	71	
Melut	Melut Town	848	na	1500	1200	1500	na	1500	600	na	na	333	550	3000	500	5000	5000	15000	2000	1600	116	15000	2000	43	
Renk	Renk Town	681	na	1500	na	586	1473	1650	678	3000	na	300	950	2750	250	5000	4000	20000	na	300	174	na	na	29	
Warrap																									
Gogrial East	Luonyaker	605	na	2113	1914	454	2217	1831	353	500	na	333	1800	3100	350	na	na	7800	600	300	78	8000	2500	86	
Gogrial West	Akon	939	na	800	1689	454	2217	1613	276	567	na	317	1500	3500	350	na	na	7500	650	500	119	6500	3000	86	
	Kuajok	606	na	800	800	265	1500	900	305	467	na	300	1500	3500	250	na	7500	7500	700	200	90	8500	2500	86	
Tonj South	Tonj Town	623	na	750	800	303	1000	na	339	533	na	267	1750	2500	475	na	6500	7500	675	500	87	7500	1775	86	
Twic	Turalei	909	810	1526	1527	227	902	na	276	3100	na	300	1350	1800	600	6000	1650	5000	1800	500	249	10000	3000	86	
	Wunrok	757	486	1526	1221	227	751	827	na	1400	na	300	1500	1600	600	5000	1200	5000	1650	600	457	10000	4000	143	
Western Bahr el Ghazal																									
Raja	Deim Zubeir	na	na	1000	1000	na	na	1000	271	3000	na	333	na	2500	250	na	na	na	na	300	86	20000	2500	86	
Wau	Wau	na	na	850	1100	800	1200	950	500	2000	na	333	1250	4000	475	7000	7500	9500	3500	1400	174	7750	2250	129	
Western Equatoria																									
Ezo	Ezo Town	23																							

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 PoC	na	na	na	na	na	na	50	na	na	na
	Mangala	na	na	na	na	na	na	na	250	na	200
Yei	Yei Town	na	na	na	na	na	na	na	na	na	na
Eastern Equatoria											
Kapoeta South	Kapoeta Town	na	na	na	na	na	na	na	na	na	na
Magwi	Nimule	na	na	na	na	2500	na	200	100	100	150
Torit	Torit Town	na	na	na	na	6000	na	na	na	na	na
Jonglei											
Akobo	Walgak	na	na	6000	na	na	2000	na	na	na	na
Bor South	Bor Town	na	na	na	na	6500	500	150	50	50	50
Fangak	Old Fangak	na	na	na	na	na	na	175	na	na	na
Twic East	Panyagor	na	na	na	na	na	na	200	50	50	50
Lakes											
Awerial	Kalthok	5000	4000	5500	na	5000	2000	150	100	100	100
	Mingkaman	5000	7000	na	500	3000	1200	150	100	100	100
Rumbek Centre	Rumbek Town	na	5500	5500	na	2500	1000	na	na	na	na
Rumbek East	Aduel	na	na	na	na	na	na	na	na	na	na
	Akot	na	na	na	na	na	na	200	na	na	na
Yirol East	Nyang	na	na	na	na	na	na	175	na	na	na
Yirol West	Yirol Town	na	na	na	na	na	na	175	110	125	150
Northern Bahr el Ghazal											
Aweil Centre	Aweil Town	na	na	na	na	2000	1000	100	50	na	na
Aweil East	Wanyjok	na	na	na	na	na	na	na	na	na	na
	Warawar	na	na	na	na	na	na	na	na	na	na
Aweil North	Gok-Machar	na	na	na	na	na	na	150	100	na	na
Aweil South	MalekAlel	na	na	na	na	na	na	na	na	na	na
	Watmuok	na	na	na	na	na	na	200	100	na	na
Aweil West	Marial Baai	na	na	na	na	na	na	150	100	na	na
	Nyamlel Town	na	na	na	na	na	na	150	100	na	na
Unity											
Mayendit	Mayendit Town	na	na	3500	na	na	na	na	na	na	na
Panyijiar	Nyal	na	na	na	na	na	na	na	na	na	na
Pariang	AjuongThok_RC	na	na	na	na	3500	na	na	na	na	na
	Pamir RC	2500	na	na	na	na	na	na	na	na	na
Rubkona	Bentiu	na	na	na	na	na	na	200	150	250	200
	Rubkona Town	na	na	na	na	na	na	200	150	200	175
Upper Nile											
Baliet	Baliet	na	na	na	na	na	na	na	na	na	na
Fashoda	Aburoc	na	na	na	na	na	na	200	150	100	350
Luakpiny/Nasir	Nasir Town	na	na	na	na	na	na	na	na	na	na
Maiwut	Maiwut Town	na	na	na	na	na	na	100	75	50	50
Melut	Melut Town	na	na	na	na	na	na	150	100	100	100
Renk	Renk Town	na	na	na	na	na	na	na	na	na	na
Warrap											
Gogrial East	Luonyaker	na	na	na	na	na	na	50	75	na	na
Gogrial West	Akon	na	na	na	na	na	na	50	80	na	na
	Kuajok	na	na	na	na	na	na	50	60	na	na
Tonj South	Tonj Town	na	na	na	na	na	na	50	80	na	na
Twic	Turalei	na	na	na	na	na	na	200	150	100	200
	Wunrok	na	na	na	na	na	na	na	na	na	na
Western Bahr el Ghazal											
Raja	Deim Zubeir	na	na	na	na	na	na	100	na	na	na
Wau	Wau	na	na	na	na	na	na	100	125	200	175
Western Equatoria											
Ezo	Ezo Town	na	na	na	na	na	na	175	100	100	150
Maridi	Maridi Town	na	na	na	na	na	na	150	60	70	50
Mundri west	Mundri Town	na	na	na	na	na	na	na	200	250	350
Mvolo	Mvolo Town	na	na	na	na	na	na	na	na	na	na
Nagero	Nagero Town	na	na	na	na	na	na	na	na	na	na
Tambura	Tambura Town	na	na	na	na	na	300	na	na	na	na
Yambio	Yambio	na	3000	7250	na	3000	500	100	50	175	150
Overall median		5,000	5,500	5,500	500	3,250	1,100	150	100	100	150

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 PoC	na	na	14	na	na	14	14	na	15	11	60	na	na	na	na	na	na	na
	Mangala	14	na	na	na	na	14	37	na	14	60	na	na	na	14	na	na	na	na
Yei	Yei Town	26	30	14	41	22	60	30	45	30	45	na	na	na	na	na	na	na	na
Eastern Equatoria																			
Kapoeta South	Kapoeta Town	na	7	14	21	na	11	14	21	6	14	na	na	na	na	na	na	na	na
Magwi	Nimule	14	14	18	18	5	18	21	60	18	11	21	60	60	na	na	na	60	na
Torit	Torit Town	na	na	na	60	na	60	21	na	60	21	na	na	na	na	na	na	150	na
Jonglei																			
Akobo	Walgak	na	na	na	na	na	22	44	35	na	21	14	na	na	na	na	na	na	21
Bor	Bor Town	18	14	21	14	8	14	14	21	14	14	60	na	60	na	21	na	21	45
Fangak	Old Fangak	na	na	5	10	na	na	6	18	14	7	11	na	na	na	na	na	na	na
Twic East	Panyagor	60	na	60	na	na	60	60	na	na	60	60	14	60	60	na	na	na	na
Lakes																			
Awerial	Kalthok	60	60	60	45	14	60	60	60	60	60	na	na	na	60	na	60	60	60
	Mingkaman	na	30	60	60	na	60	60	60	60	60	na	60	na	na	na	60	21	90
Rumbek Centre	Rumbek Town	29	30	45	48	na	30	45	60	30	6	na	na	na	na	21	60	28	28
Rumbek East	Aduel	30	30	30	30	na	30	30	30	30	30	na	na	na	na	na	na	na	na
	Akot	na	na	60	na	na	60	na	na	na	na	na	na	na	na	na	na	na	na
Yirol East	Nyang	7	na	14	21	21	6	7	14	21	25	21	na	na	na	na	na	na	na
Yirol West	Yirol Town	14	7	7	18	45	14	14	45	18	21	26	60	14	30	na	na	na	na
Northern Bahr el Ghazal																			
Aweil Centre	Aweil Town	60	na	60	14	60	60	60	14	30	60	60	45	na	na	na	na	75	90
Aweil East	Wanyjok	na	na	5	5	7	5	na	na	na	5	na	na	na	na	na	na	na	na
	Warawar	na	na	5	na	6	5	na	na	na	na	na	na	na	na	na	na	na	na
Aweil North	Gok-Machar	30	na	60	60	60	na	na	na	45	na	60	60	na	na	na	na	na	na
Aweil South	MalekAlel	na	na	5	5	6	6	na	5	5	5	na	na	na	na	na	na	na	na
	Watmuok	na	na	na	na	14	10	na	5	5	5	21	18	na	na	na	na	na	na
Aweil West	Marial Baai	60	na	21	na	30	60	na	na	60	na	60	60	na	na	na	na	na	na
	Nyamlel Town	60	na	37	60	60	60	na	na	60	na	60	60	na	na	na	na	na	na
Unity																			
Mayendit	Mayendit Town	30	30	na	30	na	30	30	30	14	22	na	na	na	na	na	na	na	na
Panyijiar	Nyong	7	na	14	11	na	22	14	14	14	18	na	na	na	na	na	na	na	na
Pariang	Ajuongthok RC	60	na	na	60	60	60	45	60	60	60	na	na	na	na	na	na	60	na
	Pamir RC	15	na	30	45	na	18	30	60	30	33	na	na	na	na	30	na	na	na
Rubkona	Bentiu	18	11	21	32	35	32	28	32	28	39	21	14	21	14	na	na	na	na
	Rubkona Town	18	11	21	25	39	35	28	25	28	35	21	21	21	21	na	na	na	na
Upper Nile																			
Baliet	Baliet Town	21	na	19	14	na	na	10	14	21	21	na	na	na	na	na	na	na	na
Fashoda	Aburoc	41	na	30	30	22	na	26	45	18	21	60	60	60	30	na	na	na	na
Luakpiny/Nasir	Nasir	30	na	14	7	60	21	14	30	16	14	20	na	na	na	na	na	na	na
Maiwut	Maiwut Town	14	14	14	14	18	21	14	21	14	14	41	25	25	25	na	na	na	na
Melut	Melut Town	30	na	21	18	18	30	30	60	30	45	21	41	60	41	na	na	na	na
Renk	Renk Town	na	na	na	5	18	25	na	21	na	7	na	na	na	na	na	na	na	na
Warrap																			
Gogrial East	Luonyaker	21	na	21	21	21	21	21	21	21	21	21	21	na	na	na	na	na	na
Gogrial West	Akon	21	na	21	21	21	21	21	21	21	21	21	21	na	na	na	na	na	na
	Kuajok	18	na	21	21	21	21	21	21	21	21	21	21	na	na	na	na	na	na
Tonj South	Tonj Town	26	na	21	21	21	21	21	21	21	21	21	21	na	na	na	na	na	na
Twic	Turalei	14	14	14	14	21	14	26	14	14	11	14	14	14	14	na	na	na	na
	Wunrok	14	21	37	21	14	14	14	14	7	22	na	na	na	na	na	na	na	na
Western Bahr el Ghazal																			
Raja	Deim Zubeir	14	na	21	26	na	na	21	30	21	30	30	na	na	na	na	na	na	na
Wau	Wau	30	30	30	30	30	30	30	30	30	30	30	45	30	30	na	na	na	na
Western Equatoria																			
Ezo	Ezo Town	na	25	18	18	35	18	18	21	21	18	49	35	56	70	na	na	na	na
Maridi	Maridi Town	21	7	41	41	14	25	21	14	na	26	30	14	41	12	37	na	na	na
Mundri West	Mundri Town	21	21	21	42	na	60	21	21	42	na	21	na	21	21	na	na	na	na
Mvolo	Mvolo Town	na	na	60	10	na	14	21	60	30	30	na	na	na	na	na	na	na	na
Nengero	Nengero Town	21	44	21	28	na	21	60	60	60	60	na	na	na	na	na	na	na	na
Tambura	Tambura Town	21	15	15	14	14	15	11	12	18	21	na	na	na	na	na	na	na	14
Yambio	Yambio	na	7	30	14	na	22	30	30	11	60	30	60	60	60	na	60	30	30

na : no stock level data available

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

APPENDIX

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 PoC	60	na	na	na	na	na	na	na	na	9	1
	Mangala	na	na	na	14	na	na	na	na	na	5	1
Yei	Yei Town	na	na	na	na	na	na	na	na	na	9	30
Eastern Equatoria												
Kapoeta South	Kapoeta Town	na	na	na	na	na	na	na	na	na	na	na
Magwi	Nimule	21	60	60	na	na	na	na	na	na	4	4
Torit	Torit Town	na	na	na	na	na	na	na	na	na	30	na
Jonglei												
Akobo	Walgak	14	na	na	na	na	na	14	na	na	7	5
Bor South	Bor Town	60	na	60	na	21	na	na	na	1	1	1
Fangak	Old Fangak	11	na	na	na	na	na	na	na	na	30	30
Twic East	Panyagor	60	14	60	60	na	na	na	na	na	5	na
Lakes												
Awerial	Kalthok	na	na	na	60	na	60	60	60	na	8	8
	Mingkaman	na	60	na	na	na	60	na	60	na	3	3
Rumbek Centre	Rumbek Town	na	na	na	na	21	60	60	na	12	18	14
Rumbek East	Aduel	na	na	na	na	na	na	na	na	na	5	2
	Akot	na	na	na	na	na	na	na	na	na	6	6
Yirol East	Nyang	21	na	na	na	na	na	na	na	na	na	na
Yirol West	Yirol Town	26	60	14	30	na	na	na	na	na	na	na
Northern Bahr el Ghazal												
Aweil Centre	Aweil Town	na	na	na	na	na	na	na	na	na	na	na
Aweil East	Wanyjok	na	na	na	na	na	na	na	na	na	1	1
	Warawar	na	na	na	na	na	na	na	na	na	3	1
Aweil North	Gok-Machar	na	na	na	na	na	na	na	na	2	na	na
Aweil South	MalekAlel	na	na	na	na	na	na	na	na	1	1	1
	Watmuok	na	na	na	na	na	na	na	na	na	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												
Mayendit	Mayendit Town	na	na	na	na	na	na	30	na	na	na	na
Panyijiar	Nyal	na	na	na	na	na	na	na	na	na	7	9
Pariang	AjuongThok RC	na	na	na	na	na	na	na	na	21	30	22
	Pamir RC	na	na	na	na	30	na	na	na	5	na	14
Rubkona	Bentiu	21	14	21	14	na	na	na	na	8	8	8
	Rubkona Town	21	21	21	21	na	na	na	na	8	8	8
Upper Nile												
Baliet	Baliet Town	na	na	na	na	na	na	na	na	6	na	3
Fashoda	Aburoc	60	60	60	30	na	na	na	na	na	15	30
Luakpiny/Nasir	Nasir Town	20	na	na	na	na	na	na	na	1	2	2
Maiwut	Maiwut Town	41	25	25	25	na	na	na	na	na	2	2
Melut	Melut Town	21	41	60	41	na	na	na	na	na	1	1
Renk	Renk Town	na	na	na	na	na	na	na	na	5	4	4
Warrap												
Gogrial East	Luonyaker	21	21	na	na	na	na	na	na	5	4	4
Gogrial West	Akon	21	21	na	na	na	na	na	na	na	3	3
	Kuajok	21	21	na	na	na	na	na	na	na	3	3
Tonj South	Tonj Town	21	21	na	na	na	na	na	na	3	na	na
Twic	Turalei	14	14	14	14	na	na	na	na	na	9	na
	Wunrok	na	na	na	na	na	na	na	na	na	na	na
Western Bahr el Ghazal										na	na	na
Raja	Deim Zubeir	30	na	na	na	na	na	na	na	na	2	2
Wau	Wau	30	45	30	30	na	na	na	na	na	6	4
Western Equatoria												
Ezo	Ezo Town	49	35	56	70	na	na	na	na	na	4	10
Maridi	Maridi Town	30	14	41	12	37	na	na	na	6	6	10
Mundri West	Mundri Town	21	na	21	21	na	na	na	na	na	2	3
Mvolo	Mvolo Town	na	na	na	na	na	na	na	na	na	8	8
Nengero	Nengero Town	na	na	na	na	na	na	na	na	15	11	10
Tambura	Tambura Town	na	na	na	na	na	na	na	na	na	5	5
Yambio	Yambio	30	60	60	60	na	60	60	na	1	12	20

na : no stock level data available

: 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 (Two for currencies and milling costs, five for casual labour). 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](#)

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 – Intergrated Community Peace & Development Organization
- IOM – International Organization for Migration
- Maltester- 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

July	July
June	June
May	May
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](#)