

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

43,373 SSP

99.71 USD*

Change since Jan 2022

427 SSP ▲+1%

Cost of food basket²

31,449 SSP

72.3 USD*

Change since Jan 2022

547 SSP ▼-2%

USD/SSP

(official)⁴

433

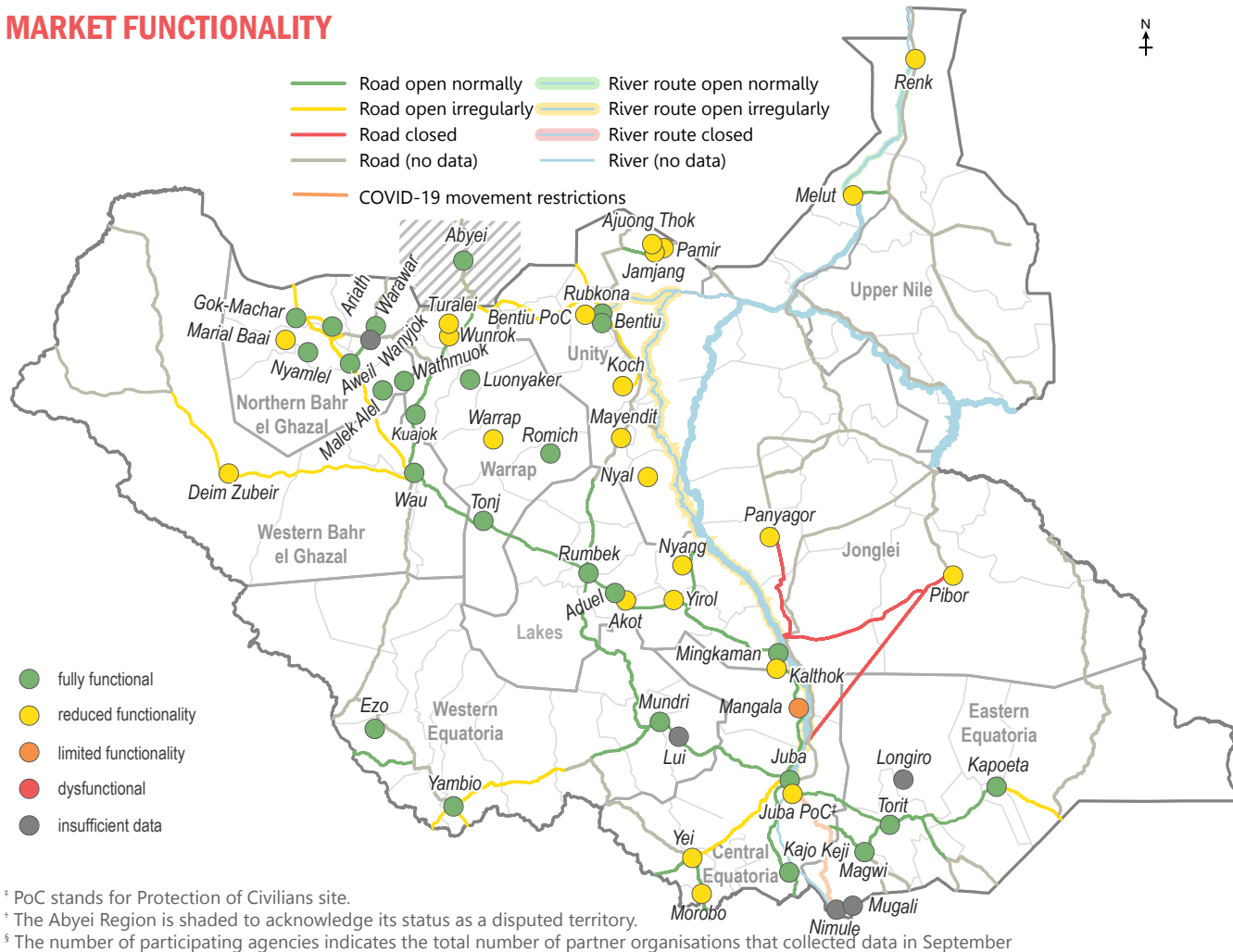
0.00 USD*

0.08 SSP ►0%

PARTICIPATING AGENCIES

- Care
- Cina
- Concern
- Cordaid
- DCA
- DRC
- IOM
- IRC
- LDO
- Malter International
- NPA
- Oxfam
- REACH
- Save the Children
- SPEDP
- SSGID
- STO
- Tearfund
- UNHCR
- WADA
- Welthungerhilfe
- World Vision

MARKET FUNCTIONALITY



21 participating agencies[§]

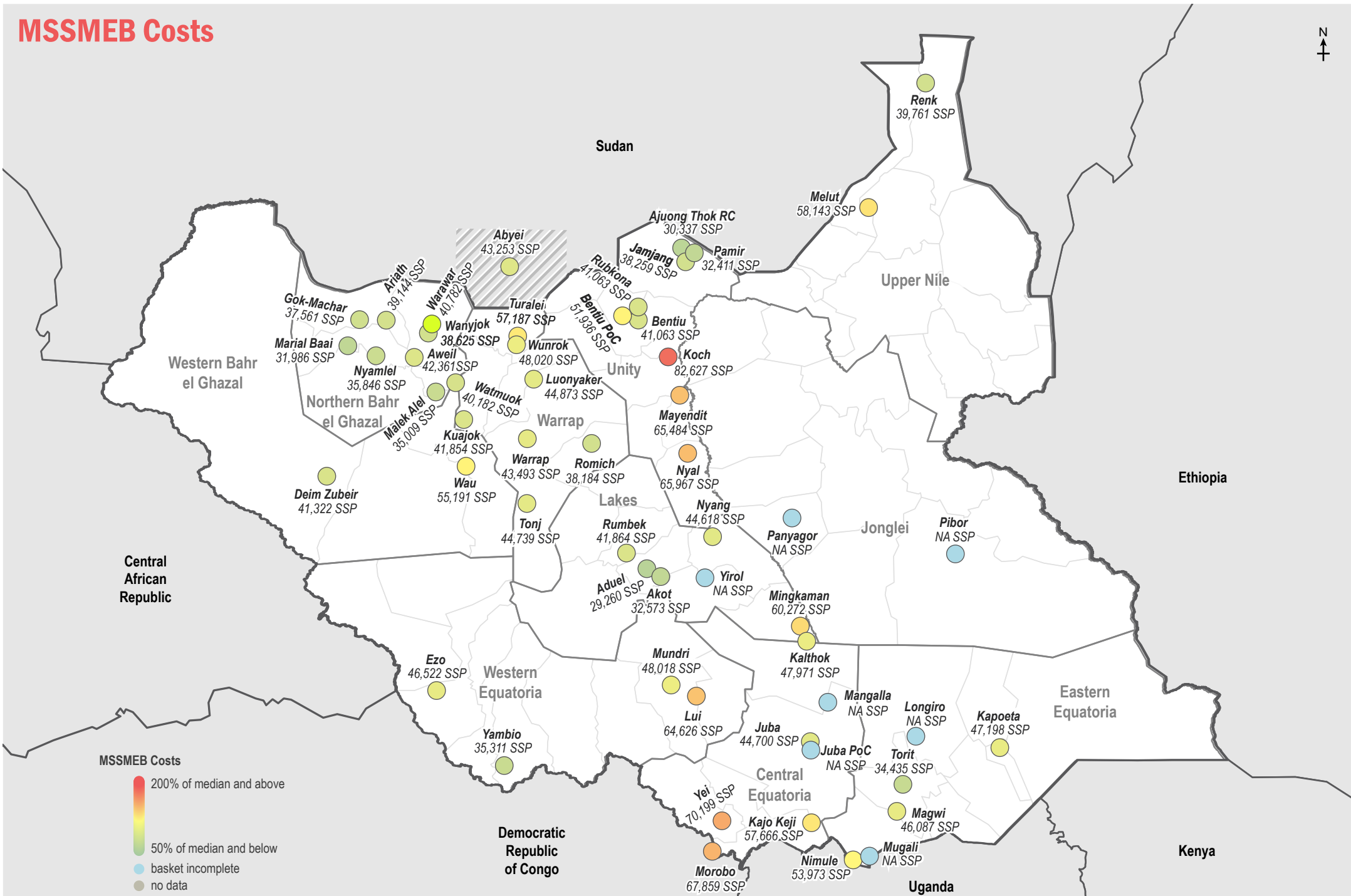
55 assessed locations[†]

78 assessed marketplaces

1104 key informants

21 assessed commodities

MSSMEB Costs



MSSMEB CONTENTS

Food Items

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

Non-Food Items (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		

Non-Food Items (one-off)*

Blanket	2 pcs	Sanitary	4 pcs
Mosquito net	2 pcs	pad	4 pcs
net	1 pc	Underwear	2 pcs
Kitchen set	2 pcs	Kanga**	
Jerrycan			

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.

* Only the MSSMEB's key elements (food and monthly non-food items, excluding bleach, pencils, pens, rubbers and sharpeners) were incorporated into the calculations in this factsheet. See appendix for more detail on the calculation of the MSSMEB.

** Traditional piece of garment

Cost of median MSSMEB (key items)

43,373 SSP

100.13 (at official rate)

Change since Jan 2022

427 SSP ▲ +1%

Change since Feb 2021

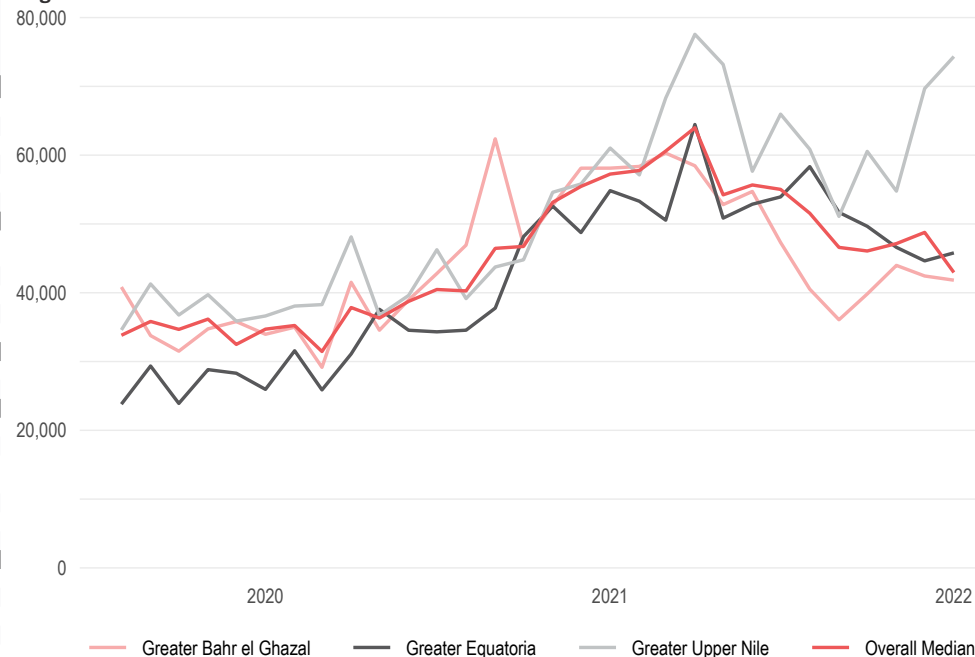
14,395.7 SSP ▼ -25%

MSSMEB PER LOCATION

County	Location	MSSMEB key items in SSP	Change since Jan 2022	Change since Feb 2021	MSSMEB key items in USD ⁵
Central Equatoria					
Juba	Juba PoC ⁵	na	na	na	na
	Juba Town	44,700	▲ 8%	▼ 25%	102.76
	Mangala	na	na	na	na
KajoKeji	KajoKeji Town	57,666	na	na	132.57
Morobo	Morobo Town	67,859	▲ 12%	na	156.00
Yei	Yei Town	70,199	▲ 12%	na	161.38
Eastern Equatoria					
Kapoeta South	Kapoeta Town	47,198	na	▼ 46%	106.36
Lafon	Longiro	na	na	na	na
Magwi	Magwi Town	46,087	▲ 7%	na	105.95
	Mugali	na	na	na	na
	Nimule	53,973	▲ 19%	▲ 5%	121.63
Torit	Torit Town	34,435	▲ 4%	▼ 35%	79.16
Jonglei					
Pibor	Pibor Town	na	na	na	na
Twic East	Panyagor	na	na	na	na
Lakes					
Awerial	Kalthok	47,971	na	na	110.28
	Mingkan	60,272	▲ 61%	▼ 24%	137.77
Rumbek Centre	Rumbek Town	41,864	▼ 35%	na	96.24
Rumbek East	Aduel	29,260	▲ 13%	▼ 56%	67.26
	Akot	32,573	▼ 1%	na	74.88
Yirol East	Nyang	44,618	▼ 67%	na	102.57
Yirol West	Yirol Town	na	na	na	na
Northern Bahr el Ghazal					
Aweil Centre	Aweil Town	42,361	▲ 5%	▼ 29%	94.14
Aweil East	Wanyjok	38,625	▼ 6%	na	88.79
	Warawar	40,782	na	na	93.75
Aweil North	Ariath	39,144	▲ 3%	▼ 32%	89.99
	Gok-Machar	37,561	na	▼ 36%	87.35
Aweil South	MalekAlel	35,009	▲ 8%	na	79.12
	Watmuok	40,182	▲ 1%	na	90.30
Aweil West	Marial Baai	31,986	na	▼ 42%	72.08
	Nyamlel Town	35,846	▲ 1%	▼ 38%	80.10
Unity					
Koch	Koch Town ⁵	82,627	na	▲ 12%	189.95
Mayendit	Mayendit Town	65,484	na	na	150.54
Panyijiar	Nyal	65,967	► 0%	▼ 11%	160.90
Pariang	Ajuong Thok RC	30,337	na	▼ 2%	73.10
	Jamjang	38,259	na	▲ 13%	87.95
	Pamir RC	32,411	na	▼ 5%	74.51
Rubkona	Bentiu	41,063	▼ 44%	▼ 46%	95.77
	Bentiu PoC	51,936	na	na	112.90
	Rubkona Town	41,063	▼ 46%	▼ 47%	94.67
Upper Nile					
Melut	Melut Town	58,143	na	▲ 27%	143.56
Renk	Renk Town	39,761	▼ 5%	na	94.67
Warrap					
Abyei	Abyei Town	43,253	▼ 10%	na	99.43
Gogrial East	Luonyaker	44,873	▲ 5%	na	103.16
Gogrial West	Kuajok	41,854	▼ 1%	▼ 38%	96.22
Tonj East	Romich	38,184	▼ 20%	na	87.78
Tonj North	Warrap Town	43,493	▼ 5%	na	99.98
Tonj South	Tonj Town	44,739	▲ 54%	na	102.85
Twic	Turalei	57,187	▼ 49%	na	131.46
	Wunrok	48,020	▼ 44%	na	109.14
Western Bahr el Ghazal					
Raja	Deim Zubeir	41,322	na	▼ 20%	94.99
Wau	Wau	55,191	▲ 2%	▲ 14%	126.88
Western Equatoria					
Ezo	Ezo Town	46,522	na	na	108.82
Mundri East	Lui	64,626	▲ 9%	na	148.57
Mundri East	Mundri Town	48,018	▲ 4%	na	110.39
Yambio	Yambio	35,311	▲ 4%	▼ 8%	82.12
Overall		43,373	▲ 1%	▼ 25%	99.71

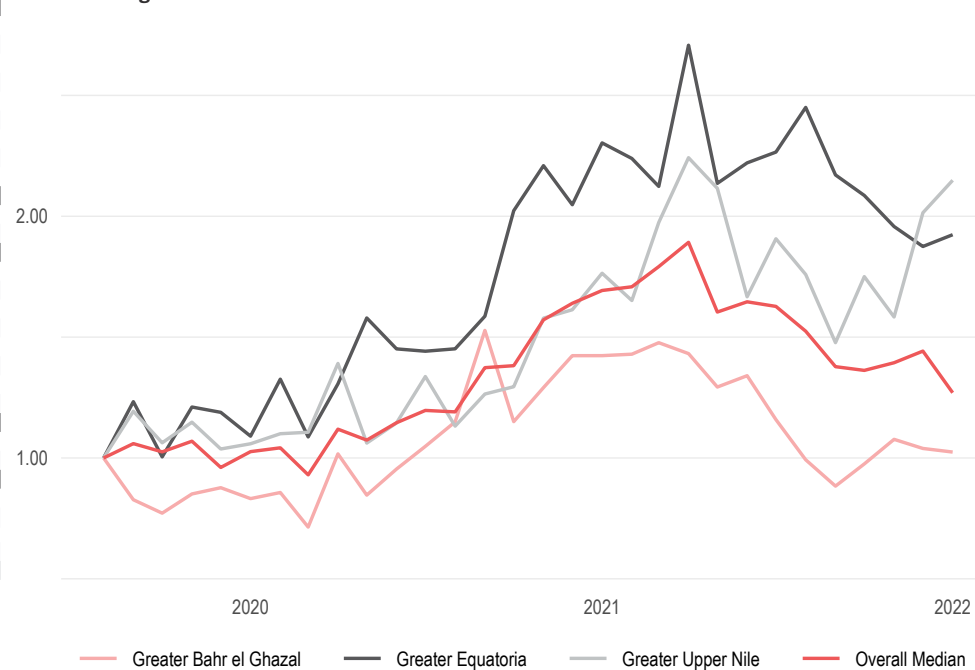
MSSMEB OVER TIME⁵

Aug 2019 - Feb 2022 in SSP



MSSMEB OVER TIME⁵

Indexed to August 2019 = 1.00⁶



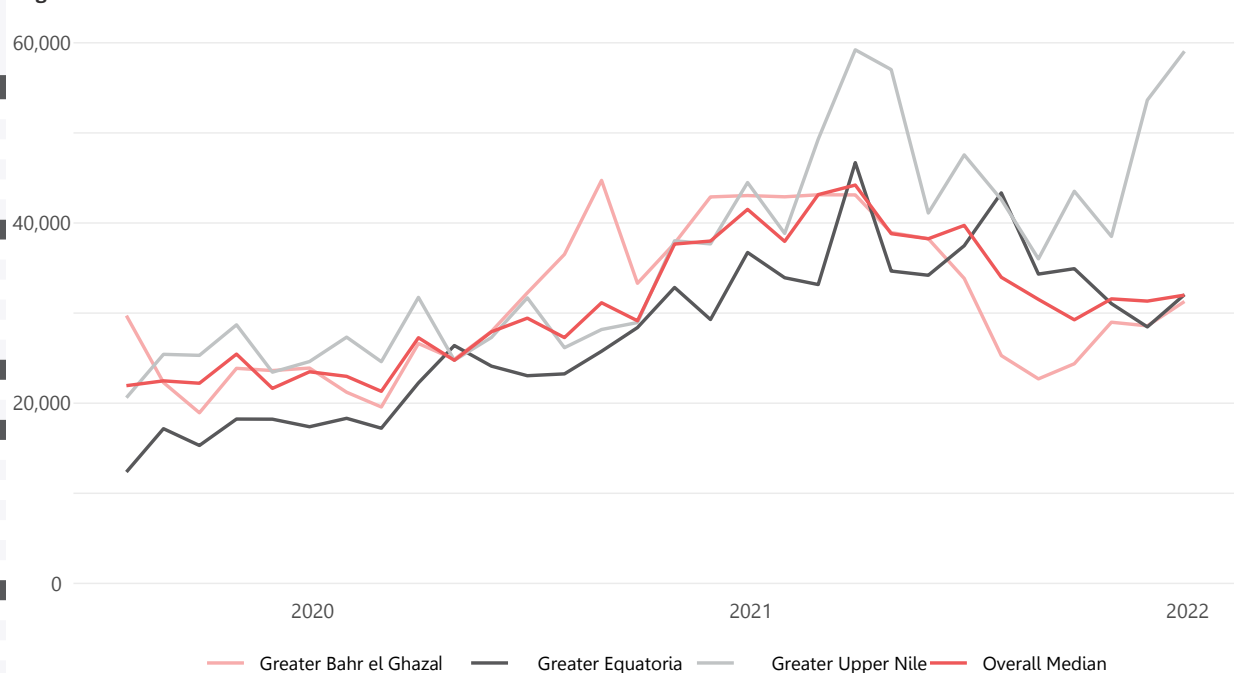
⁵ No sorghum nor maize prices were available. No alternate cereal prices were available for Juba PoC, Mangala, Longiro, Mugali, Pibor, Panyagor and Yirol East and, therefore the MSSMEB has been left blank.

INDICES PER LOCATION

County	Location	MSSMEB food basket in SSP	Change since Jan 2022	Change since Feb 2021	Food price index* in SSP	Change since Jan 2022	Change since Feb 2021
Central Equatoria							
Juba	Juba PoC	na	na	na	3,958	▼ 21%	na
	Juba Town	33,500	na	na	4,618	na	na
	Mangala	na	na	na	3,918	na	na
Kajo Keji	Kajo Keji Town	48,668	na	na	5,446	na	na
Morobo	Morobo Town	57,184	▲ 15%	na	5,770	▼ 13%	na
Yei	Yei Town	58,551	▲ 15%	na	5,665	▲ 14%	na
Eastern Equatoria							
Kapoeta South	Kapoeta Town	33,326	na	▼ 48%	4,096	▼ 4%	▼ 53%
Lafon	Longiro	na	na	na	4,913	na	na
Magwi	Magwi Town	34,137	▲ 7%	na	4,774	▲ 16%	na
	Mugali	na	na	na	5,181	na	na
	Nimule	42,098	na	na	5,447	na	na
Torit	Torit Town	21,933	▼ 7%	▼ 35%	4,978	▲ 30%	▲ 6%
Jonglei							
Pibor	Pibor Town	na	na	na	5,430	▼ 41%	na
TwicEast	Panyagor	na	na	na	5,039	▲ 8%	na
Lakes							
Awerial	Kalthok	35,470	na	na	4,251	▲ 4%	na
	Mingkaman	48,325	na	na	4,801	na	na
Rumbek Centre	Rumbek Town	31,974	▼ 2%	na	4,404	▼ 17%	na
Rumbek East	Aduel	21,062	▲ 13%	▼ 54%	3,942	▼ 6%	▼ 20%
	Akot	22,400	na	na	4,499	na	na
Yirol East	Nyang	33,670	▼ 73%	na	3,058	▼ 27%	na
Yirol West	Yirol Town	na	na	na	3,016	▲ 12%	▼ 29%
Northern Bahr el Ghazal							
Aweil Centre	Aweil Town	30,276	▼ 2%	▼ 29%	3,971	▼ 4%	▼ 25%
Aweil East	Wanyjok	28,587	▼ 9%	na	4,638	▲ 8%	na
	Warawar	30,144	na	na	5,250	na	na
Aweil North	Ariath	31,526	▲ 1%	▼ 27%	4,461	▼ 2%	▼ 7%
	Gok-Machar	29,253	na	na	4,499	na	na
Aweil South	MalekAlel	24,671	▲ 3%	na	4,557	▲ 12%	na
	Watmuok	30,144	na	na	5,068	na	na
Aweil West	Marial Baai	24,353	na	▼ 41%	4,065	▼ 6%	▼ 24%
	Nyamlel Town	28,160	na	na	4,180	na	na
Unity							
Koch	Koch Town	63,592	na	▲ 27%	6,138	na	▼ 31%
Mayendit	Mayendit Town	52,912	na	na	3,742	na	na
Panyijiar	Nyal	50,155	▼ 2%	▼ 11%	6,011	▲ 4%	▲ 19%
Pariang	AjuongThok RC	21,595	na	▲ 28%	4,965	na	▼ 12%
	Jamjang	28,357	na	na	5,144	na	na
	Pamir RC	23,995	na	na	5,343	na	na
Rubkona	Bentiu	26,154	▼ 55%	▼ 52%	5,638	▼ 28%	▼ 20%
	Bentiu PoC	31,404	na	na	5,153	na	na
	Rubkona Town	26,253	na	na	5,679	na	na
Upper Nile							
Melut	Melut Town	45,048	na	▲ 71%	6,359	na	▲ 24%
Renk	Renk Town	27,790	▼ 5%	na	4,425	► 0%	na
Warrap							
Abeyi	Abeyi Town	31,493	▼ 10%	na	5,006	▲ 5%	na
Gogrial East	Luonyaker	32,211	▼ 1%	na	4,212	▼ 6%	na
Gogrial West	Kuajok	30,045	▲ 2%	▼ 39%	3,861	▼ 13%	▼ 39%
Tonj East	Romich	26,985	▼ 12%	na	4,800	▲ 4%	na
Tonj North	Warrap Twon	32,181	► 0%	na	4,518	▼ 3%	na
Tonj South	Tonj Town	29,715	▲ 65%	na	3,990	▲ 13%	na
Twic	Turalei	38,487	▼ 60%	na	4,780	▼ 56%	na
	Wunrok	32,145	na	na	3,859	na	na
Western Bahr el Ghazal							
Raja Wau	Deim Zubeir	27,876	na	▼ 20%	4,912	na	▲ 13%
	Wau	36,704	▼ 4%	▲ 24%	4,579	▲ 7%	▲ 26%
Western Equatoria							
Ezo	Ezo Town	28,703	na	na	4,259	na	na
Mundri East	Lui	45,853	▼ 1%	na	5,094	▼ 11%	na
Mundri West	Mundri Town	31,671	▼ 5%	na	4,604	► 0%	na
Yambio	Yambio Town	21,831	▲ 10%	▼ 21%	3,834	▲ 7%	▼ 15%
Overall		31,449	▼ 2%	▼ 17%	4,774	▲ 4%	▼ 12%

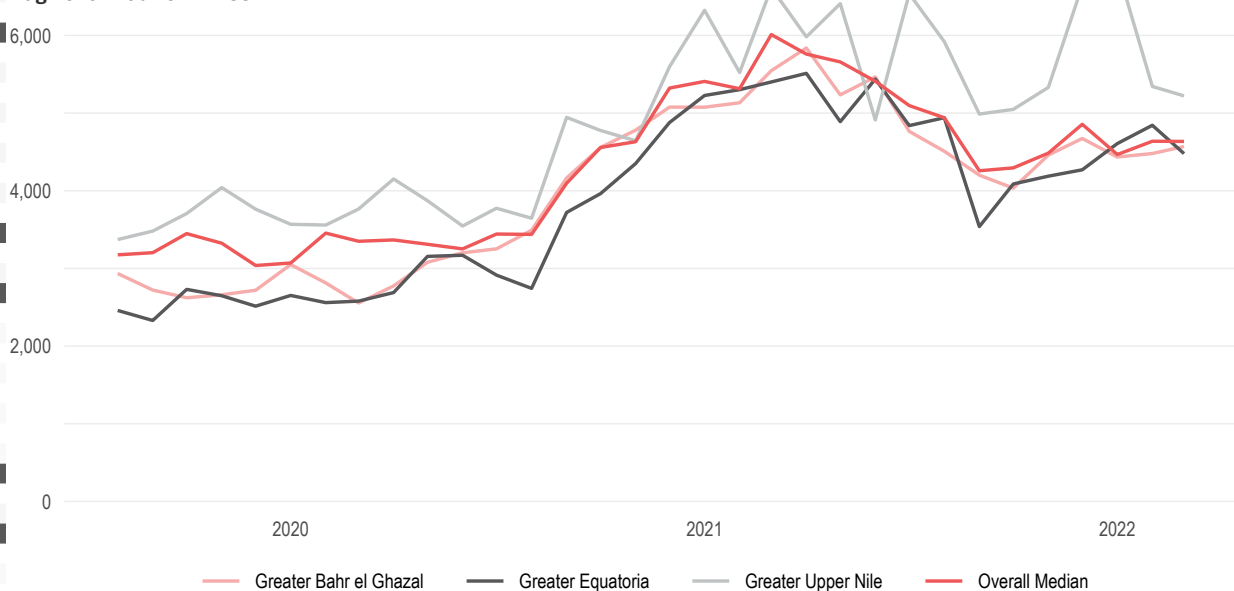
MSSMEB FOOD BASKET OVER TIME⁵

Aug 2019 - Feb 2022 in SSP



FOOD PRICE INDEX OVER TIME⁵

Aug 2019 - Feb 2022 in SSP



⁵ 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.

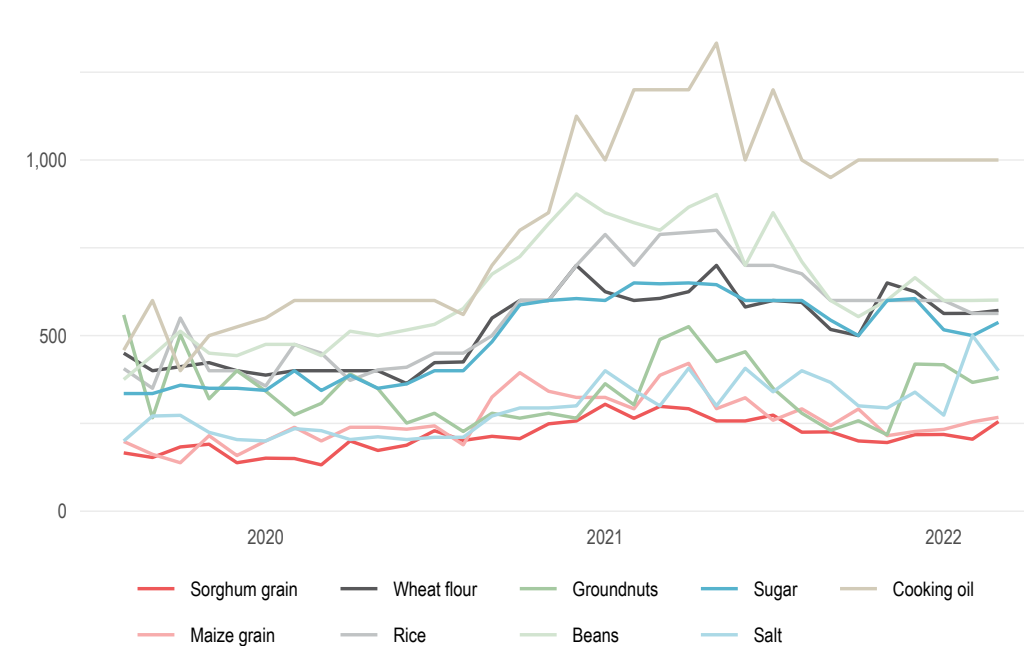
PRICES OF MONITORED ITEMS

Item	Unit	Median price in SSP	Change since Jan 2022	Change since Feb 2021	Median price in USD
Food Items					
Sorghum grain	1 kg	204	▼ 6%	▼ 22%	0.47
Maize grain	1 kg	259	▲ 9%	▼ 13%	0.60
Wheat flour	1 kg	563	► 0%	▼ 6%	1.30
Rice	1 kg	563	▼ 6%	▼ 20%	1.29
Groundnuts (shelled)	1 kg	305	▼ 12%	▲ 21%	0.70
Beans	1 kg	600	► 0%	▼ 27%	1.38
Sugar	1 kg	538	▼ 3%	▼ 23%	1.24
Salt	1 kg	534	▲ 83%	▲ 45%	1.23
Cooking oil	1 L	1,000	► 0%	▼ 17%	2.30
Water*	1 L	30	▲ 4%	▼ 13%	na
Non-Food Items					
Soap	200 g	133	► 0%	▼ 9%	0.31
Jerrycan	1 pc	1,200	▲ 20%	▲ 100%	2.76
Mosquito net	1 pc	1,500	▲ 17	▼ 14%	3.45
Exercise book	1 pc	300	► 0%	► 0%	0.69
Blanket	1 pc	3,000	► 0%	▼ 22%	6.90
Cooking pot	1 pc	3,750	▼ 13%	▼ 20%	8.62
Plastic sheet	1 pc	6,750	▼ 4%	▼ 9%	15.52
Pole	1 pc	525	▼ 16%	▼ 23%	1.21
Firewood	1 bundle	450	► 0%	► 0%	1.03
Charcoal	1 kg	106	▼ 8%	▲ 19%	0.24
Livestock Items					
Goat	1 goat	15,000	▲ 11%	▼ 19%	34.48
Chicken	1 chicken	2,900	na	▲ 26%	6.67
Services					
Milling costs	1 kg	55	▲ 6%	▲ 7%	0.13
Currencies					
US dollar	1 USD	435	► 0%	▼ 29%	
Sudanese pound	1 SDG	na	na	na	
Ethiopian biir	1 ETB	na	na	na	
Ugandan shilling	1 UGX	0.13	▲ 13%	na	
Kenyan shilling	1 KES	4.10	na	▲ 56%	

* Prices only collected for Juba Town

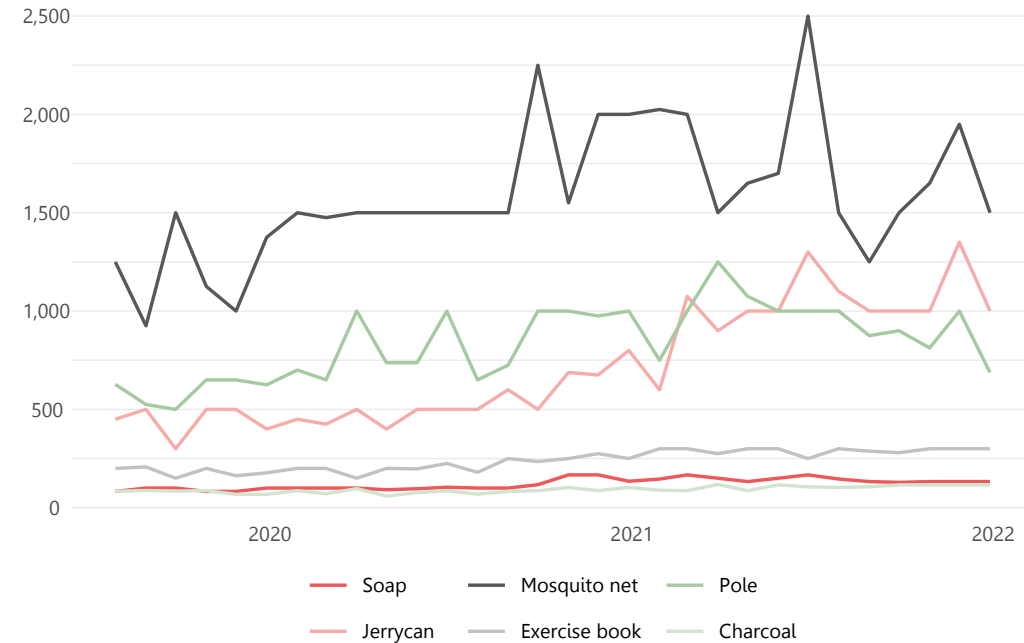
FOOD PRICES OVER TIME

Aug 2019 - Feb 2022 in SSP



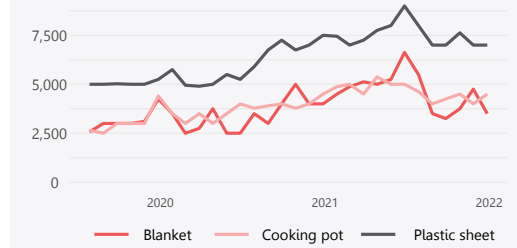
NFI PRICES OVER TIME

Aug 2019 - Feb 2022 in SSP



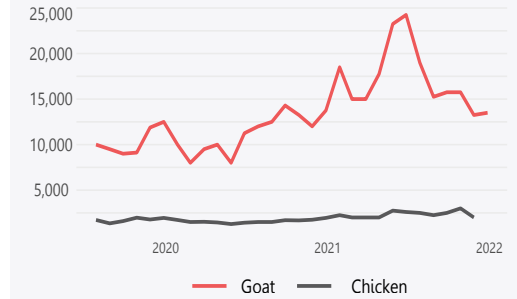
NFI PRICES OVER TIME CONT.

iAug 2019 - Feb 2022 in SSP

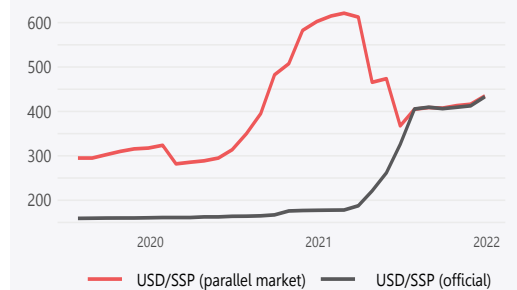


LIVESTOCK PRICES OVER TIME

Aug 2019 - Feb 2022 in SSP

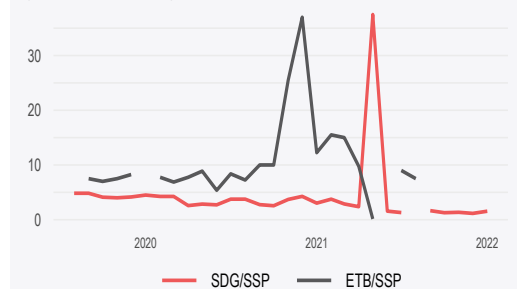


USD EXCHANGE RATE OVER TIME

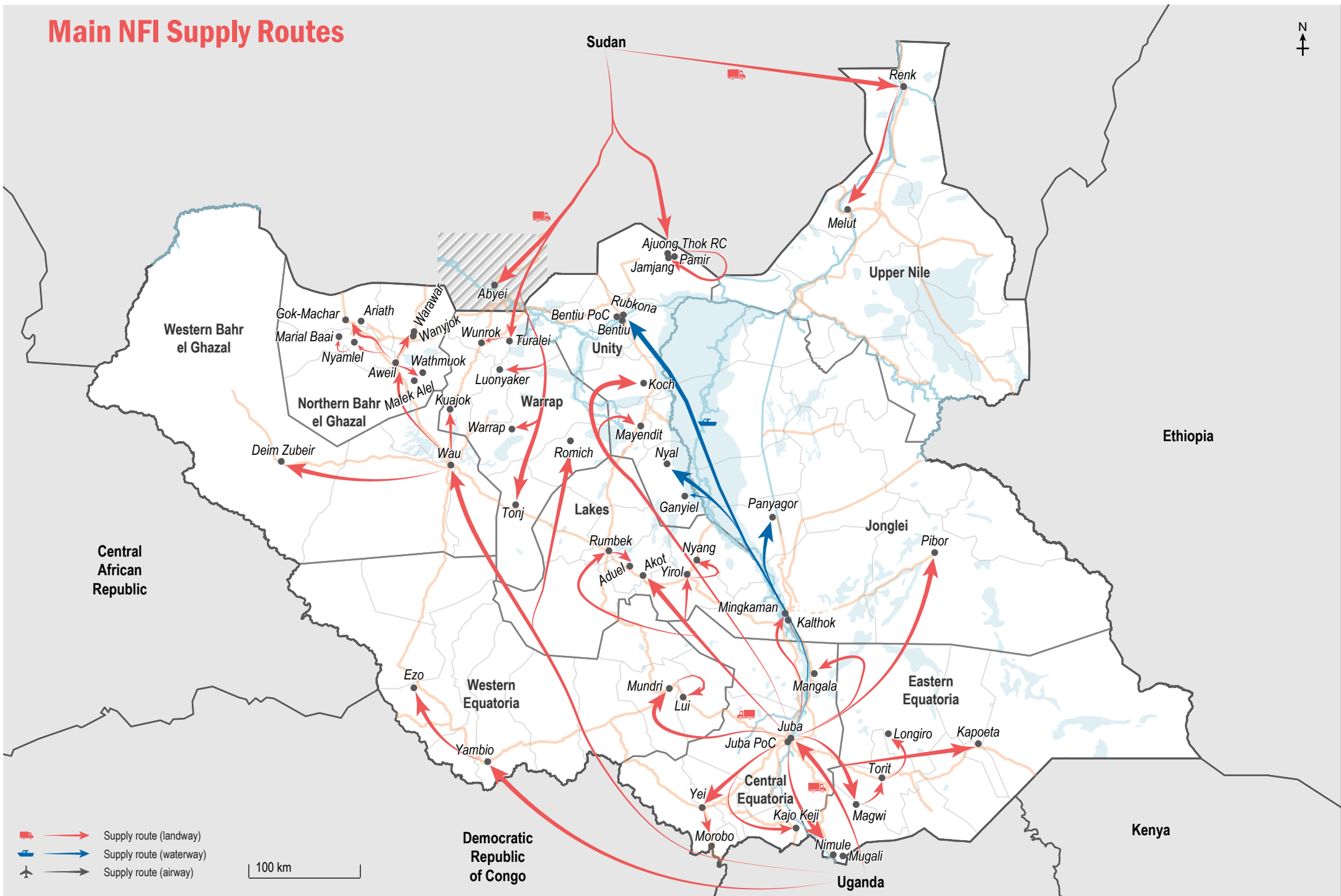


OTHER EXCHANGE RATES OVER TIME

(Parallel market rates)

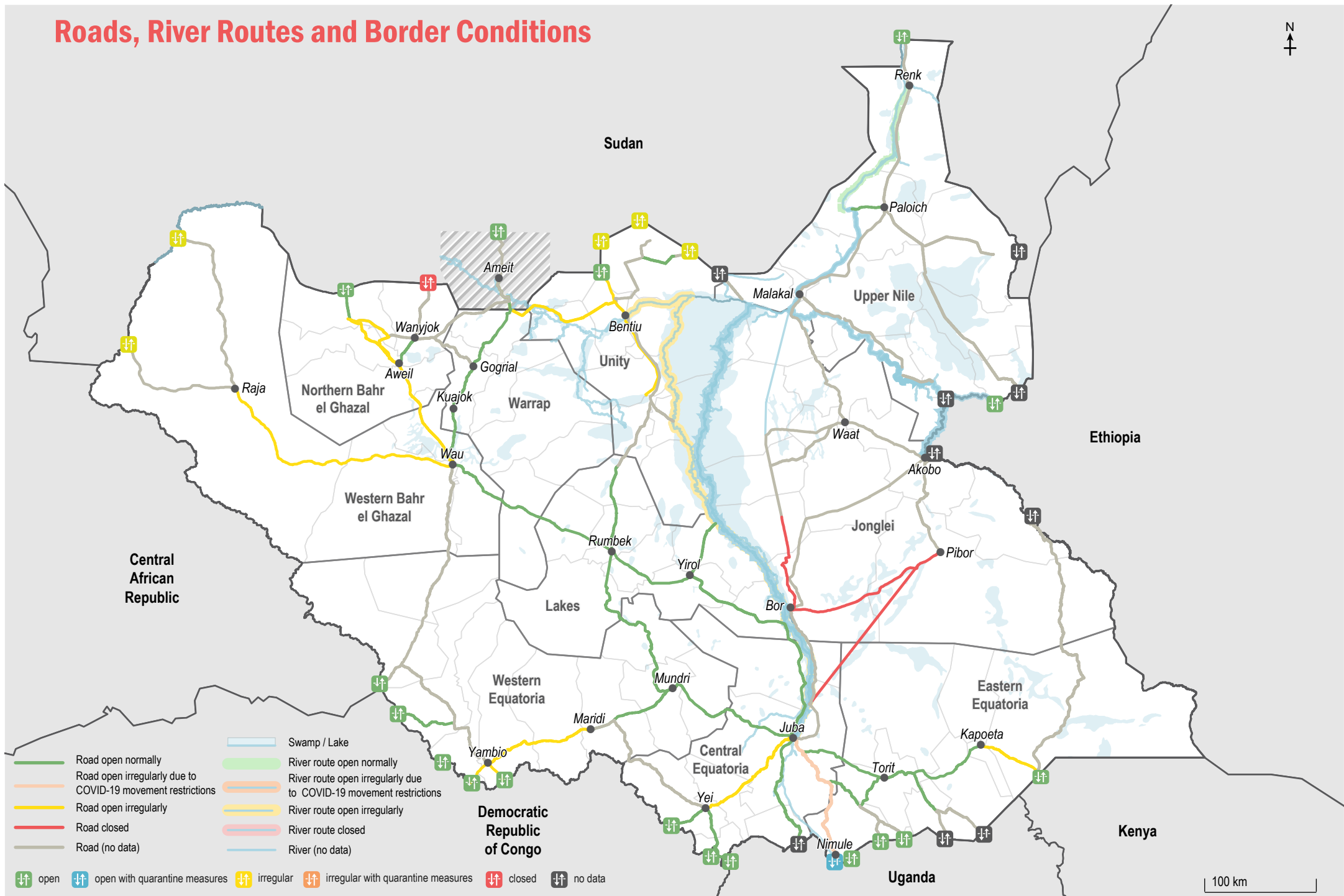


Main NFI Supply Routes



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.

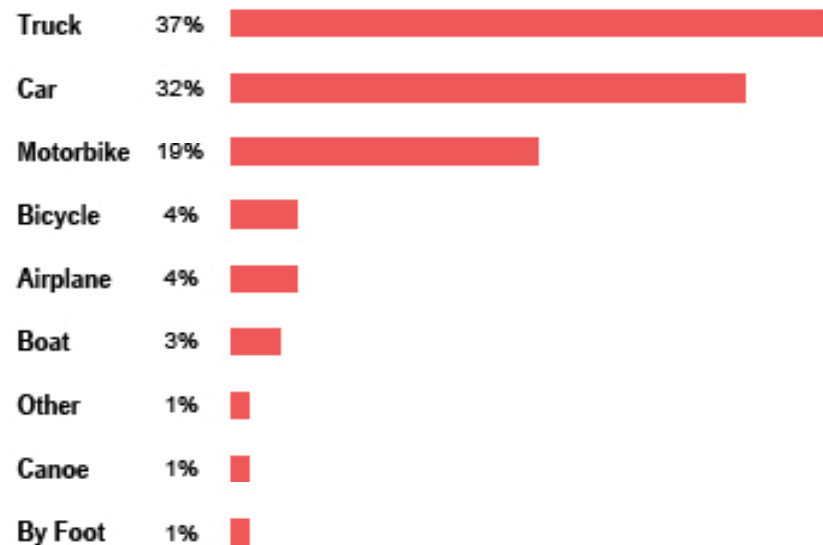
Roads, River Routes and Border Conditions



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



77% of staple cereal traders reported restocking from a local producer

47% of food traders expect price increases

16% of food traders do not expect price changes

25% of food traders expect price decreases

12% of food traders do not have any price expectations



3 days

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

3 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

39% of non-food traders expect price increases

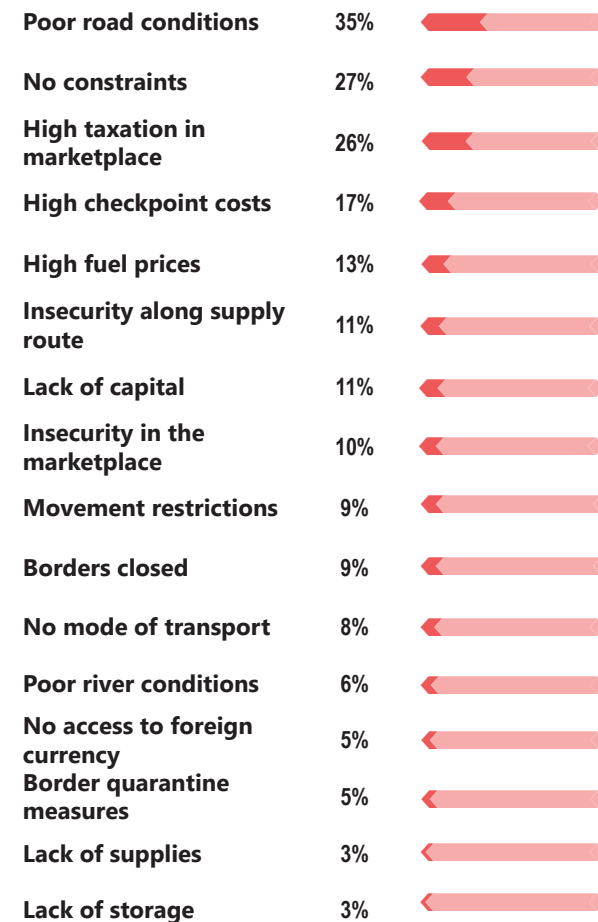
13% of non-food traders do not expect price changes

35% of non-food traders expect price decreases

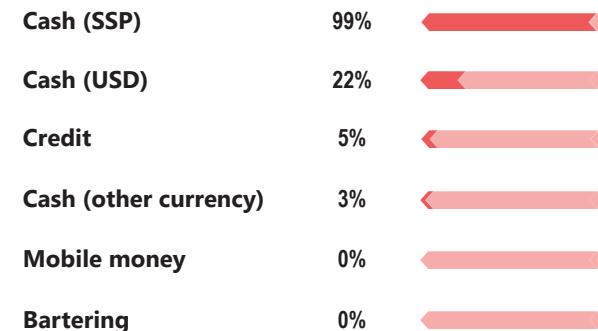
13% of non-food traders do not have any price expectations



Reported restocking constraints*



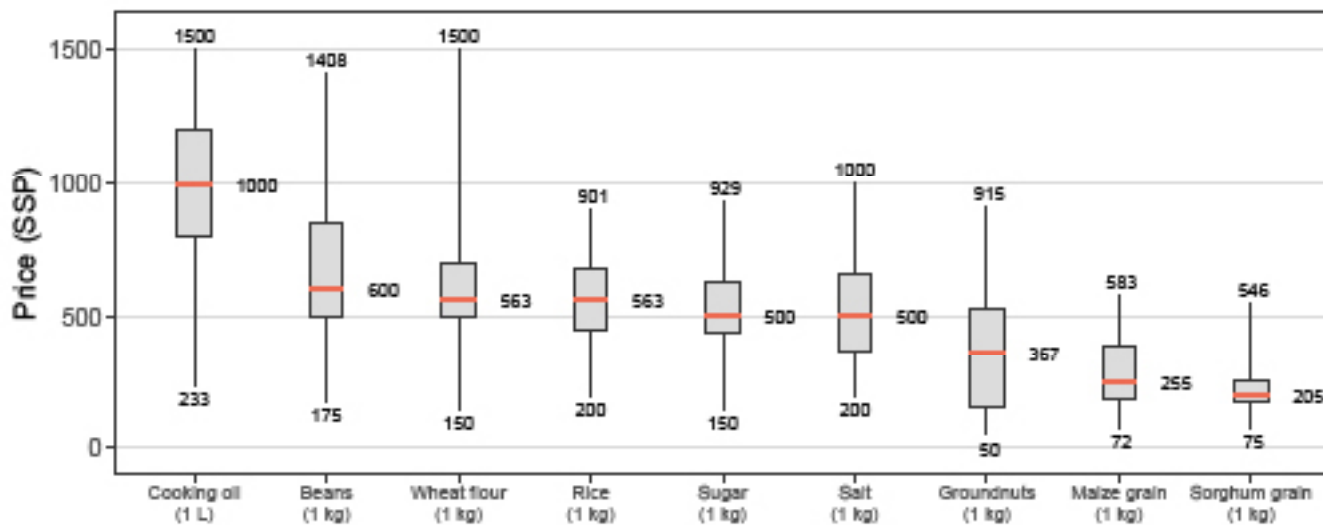
Accepted payment modalities*



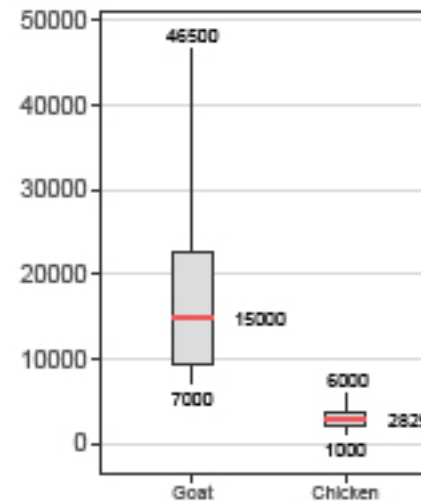
* Values do not add up to 100% as traders were allowed to select multiple options.

Distribution of Prices

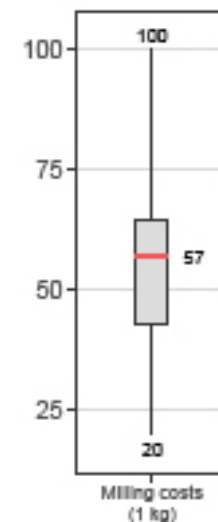
Food Items



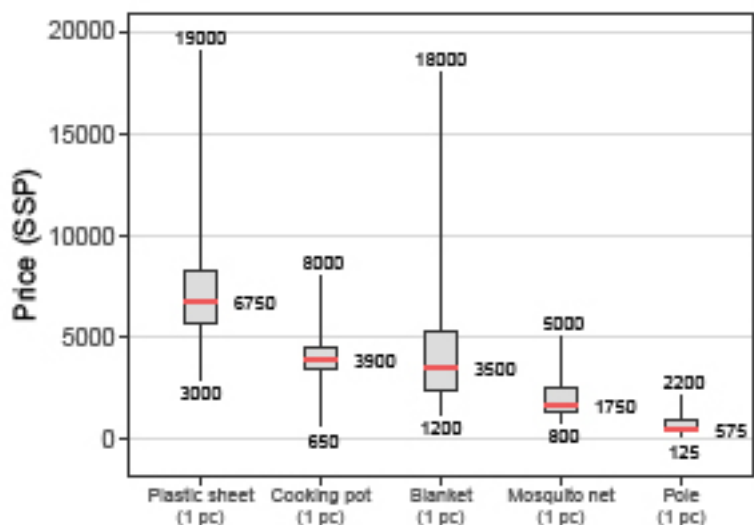
Livestock



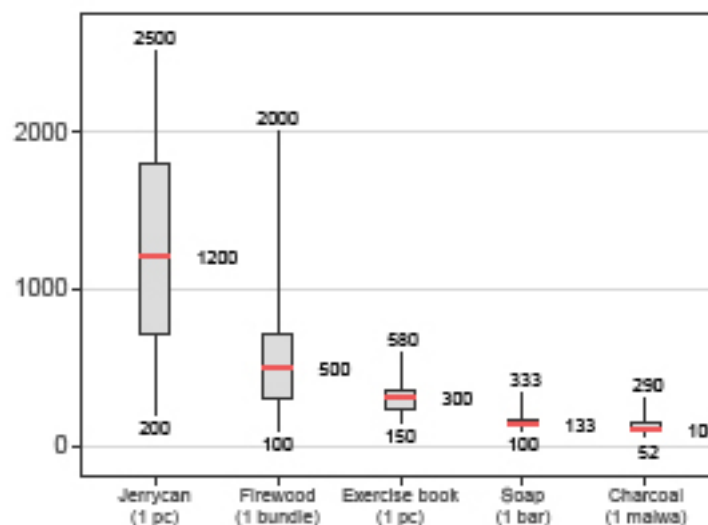
Services



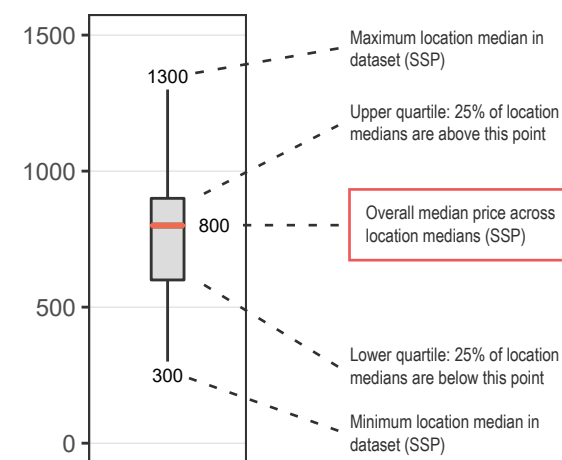
NFIs



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)

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 kg)	Goat (1 unit)	Chicken (1 unit)	Milling costs (1 kg)
Central Equatoria																								
Juba	Juba PoC	<i>na</i>	<i>na</i>	563	225	<i>na</i>	563	<i>na</i>	300	1000	<i>na</i>	100	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	2200	<i>na</i>	116	<i>na</i>	<i>na</i>	<i>na</i>
	Juba Town	205	250	400	500	563	600	500	800	800	30	100	500	1000	350	4200	3800	6000	1000	1200	116	46500	6000	20
	Mangala	<i>na</i>	<i>na</i>	250	480	<i>na</i>	480	440	500	1000	<i>na</i>	100	400	1750	200	1500	2000	6500	500	1500	116	25000	3250	50
Kajo Keji	Kajo Keji Town	374	389	500	500	500	500	500	783	1400	<i>na</i>	133	850	1500	250	2250	3500	5500	275	500	86	22250	5250	30
	Morobo Town	382	486	500	644	500	500	806	552	1400	<i>na</i>	150	1000	2000	300	3000	3750	7000	425	500	86	31000	5250	63
Yei	Yei Town	460	486	500	500	500	575	500	645	1500	<i>na</i>	133	1000	1750	275	3000	4250	6750	600	1000	121	31500	6000	50
Eastern Equatoria																								
Kapoeta South	Kapoeta Town	<i>na</i>	259	375	450	<i>na</i>	450	600	552	900	<i>na</i>	117	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	4350	<i>na</i>	1500	1000	174	11000	2400	29
	Lafon Longiro	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	650	368	1400	<i>na</i>	100	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	1000	275	52	<i>na</i>	<i>na</i>	80	
Magwi	Magwi Town	251	239	775	563	563	845	538	200	800	<i>na</i>	125	500	1500	200	2250	2250	5500	250	500	116	<i>na</i>	<i>na</i>	100
	Mugali Nimule	<i>na</i>	<i>na</i>	704	676	<i>na</i>	704	591	737	1000	<i>na</i>	117	700	<i>na</i>	200	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	30
Torit	Torit Town	377	359	704	845	704	423	538	598	900	<i>na</i>	100	500	1500	200	3500	2000	4500	500	600	160	<i>na</i>	<i>na</i>	30
	Torit Town	75	72	1127	<i>na</i>	200	1408	400	800	333	<i>na</i>	117	200	1500	250	6000	6250	10000	<i>na</i>	1000	116	35000	5000	100
Jonglei																								
Pibor	Pibor Town	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	1000	800	735	1000	<i>na</i>	167	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	500	200	290	35000	<i>na</i>	<i>na</i>
Twic East	Panyagor	<i>na</i>	<i>na</i>	<i>na</i>	676	<i>na</i>	845	634	552	1000	<i>na</i>	133	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	800	<i>na</i>	172	27500	4250	71
Lakes																								
Awerial	Kalthok	273	<i>na</i>	<i>na</i>	450	<i>na</i>	500	500	400	1000	<i>na</i>	133	<i>na</i>	1200	300	1750	2000	6000	<i>na</i>	<i>na</i>	<i>na</i>	15000	<i>na</i>	93
	Mingkaman	410	421	563	450	563	563	430	400	<i>na</i>	<i>na</i>	167	850	1350	250	1200	4000	7000	1500	250	116	20000	4500	72
Rumbek Centre	Rumbek Town	204	194	500	500	<i>na</i>	800	500	400	<i>na</i>	<i>na</i>	125	1500	1500	225	1400	4500	6750	450	500	103	15500	3250	43
Rumbek East	Aduel	100	100	400	600	50	600	430	662	1000	<i>na</i>	133	1400	<i>na</i>	250	2250	4500	6750	375	550	58	10000	1000	50
	Akot	100	<i>na</i>	500	600	150	600	290	800	1200	<i>na</i>	133	<i>na</i>	<i>na</i>	200	<i>na</i>	3500	4500	300	600	110	18000	2000	50
Yirol East	Nyang	273	<i>na</i>	200	200	176	300	250	400	1000	<i>na</i>	133	1000	<i>na</i>	300	<i>na</i>	<i>na</i>	<i>na</i>	400	200	86	25000	4000	75
Yirol West	Yirol Town	<i>na</i>	<i>na</i>	150	200	153	300	250	500	1000	<i>na</i>	117	1000	<i>na</i>	300	<i>na</i>	<i>na</i>	<i>na</i>	500	300	86	20000	3500	<i>na</i>
Northern Bahr el Ghazal																								
Aweil Centre	Aweil Town	217	<i>na</i>	600	600	114	575	500	206	900	<i>na</i>	100	1500	1000	150	9000	3500	6500	800	450	155	<i>na</i>	<i>na</i>	65
	Wanyjok	182	<i>na</i>	<i>na</i>	400	<i>na</i>	<i>na</i>	500	828	1000	<i>na</i>	133	1800	<i>na</i>	300	<i>na</i>	<i>na</i>	5000	475	300	87	8750	2750	43
Aweil East	Warawar	182	<i>na</i>	845	400	381	763	500	920	1000	<i>na</i>	133	1800	<i>na</i>	350	<i>na</i>	3500	5000	400	300	87	8500	2900	43
	Ariath	204	<i>na</i>	300	600	95	600	650	552	1200	<i>na</i>	133	2000	<i>na</i>	150	<i>na</i>	8000	5000	850	263	83	20000	2250	29
Aweil North	Gok-Machar	182	<i>na</i>	600	700	114	<i>na</i>	550	294	1200	<i>na</i>	133	1900	<i>na</i>	200	<i>na</i>	<i>na</i>	6750	700	400	64	<i>na</i>	<i>na</i>	65
	MalekAlel	151	<i>na</i>	<i>na</i>	400	<i>na</i>	458	500	920	1000	<i>na</i>	133	1800	<i>na</i>	325	<i>na</i>	4500	<i>na</i>	450	350	87	15000	2900	43
Aweil South	Watmuok	182	<i>na</i>	<i>na</i>	500	381	763	500	920	1000	<i>na</i>	133	2000	<i>na</i>	300	<i>na</i>	4500	5000	550	350	87	8000	3000	43
	Marial Baai	151	<i>na</i>	600	700	133	500	500	221	1000	<i>na</i>	133	<i>na</i>	<i>na</i>	150	<i>na</i>	<i>na</i>	6500	775	400	62	<i>na</i>	<i>na</i>	65
Aweil West	Nyamlel Town	193	<i>na</i>	600	600	133	500	600	294	1000	<i>na</i>	133	1700	<i>na</i>	175	<i>na</i>	3750	6500	700	400	64	<i>na</i>	<i>na</i>	54
Unity																								
Koch	Koch Town	546	583	<i>na</i>	733	915	915	662	221	<i>na</i>	<i>na</i>	333	225	4000	375	<i>na</i>	<i>na</i>	8250	<i>na</i>	600	218	<i>na</i>	<i>na</i>	<i>na</i>
Mayendit	Mayendit Town	510	486	<i>na</i>	338	<i>na</i>	282	150	441	667	<i>na</i>	333	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	300	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>
Panyijiar	Nyal	410	<i>na</i>	1500	500	<i>na</i>	<i>na</i>	<i>na</i>	700	1200	<i>na</i>	209	500	2000	500	3500	4500	8500	1500	2000	138	<i>na</i>	<i>na</i>	<i>na</i>
Pariang	Ajuong Thok RC	144	<i>na</i>	550	800	563	191	<i>na</i>	920	<i>na</i>	<i>na</i>	167	<i>na</i>	<i>na</i>	250	3500	3500	<i>na</i>	<i>na</i>	100	69	<i>na</i>	<i>na</i>	43
	Jamjang	182	<i>na</i>	700	800	<i>na</i>	<i>na</i>	700	598	<i>na</i>	<i>na</i>	217	<i>na</i>	2000	350	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	58	15000	2000	50
Rubkona	Pamir RC	129	<i>na</i>	650	800	<i>na</i>	<i>na</i>	600	1000	<i>na</i>	<i>na</i>	159	<i>na</i>	<i>na</i>	250	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	<i>na</i>	64	<i>na</i>	<i>na</i>	43
	Bentiu	186	170	1127	901	352	175	929	598	1200	<i>na</i>	217	2500	3500	300	18000	4500	13750	<i>na</i>	575	166	7750	2250	57
	Bentiu PoC	164	324	657	458	<i>na</i>	877	600	368	1400	<i>na</i>	217	2000	3500	500	2500	6000	7500	<i>na</i>	100	224	<i>na</i>	<i>na</i>	68
Rubkona	Rubkona Town	174	187	1092	845	387	245	898	552	1300	<i>na</i>	200	2250	3750	300	17500	3250	13000	<i>na</i>	600	166	9250	2250	57
Upper Nile																								
Melut	Melut Town	303	373	800	800	500	1000	800	384	1400	<i>na</i>	250	500	2500	200	4000	2500	14000	2000	1750	141	15000	1500	72
Renk	Renk Town	137	<i>na</i>	200	300	532	1000	<i>na</i>	460	1000	<i>na</i>	185	500	2500	<i>na</i>	3650	2900	19000	775	200	112	<i>na</i>	2900	<i>na</i>
Warrap																								
Abyei	Abyei Town	182	<i>na</i>	845	676	305	1408	<i>na</i>	460	333	<i>na</i>	250	700	<i>na</i>	350	<i>na</i>	3500	<i>na</i>	1500	700	87	13500	3250	57
Gogrial East	Luonyaker	238	<i>na</i>	563	676	153	845	643	368	467	<i>na</i>	167	1925	<i>na</i>	225	<i>na</i>	8000	6750	350	300	145	7000	1900	57
Gogrial West	Kuajok	<i>na</i>	<i>na</i>	500	600	133	900	550	368	333	<i>na</i>	142	1300	1300	350	<i>na</i>	7000	7500	1500	1500	101	9150	1900	57
Tonj East	Romich	152	<i>na</i>	845	<i>na</i>	133	1197	810	506	333	<i>na</i>	292	2250	1900	300	<i>na</i>	<i>na</i>	13500	325	375	87	14250	1500	50
Tonj North	Warrap	242	<i>na</i>	500	800	381	800	700	368	467	<i>na</i>	167	1500	<i>na</i>	500	<i>na</i>	<i>na</i>	<i>na</i>	350	600	52	17500	1800	57
Tonj South	Tonj Town	208	<i>na</i>	500	500	172	850	500	534	467	<i>na</i>	200	1500	1500	350	2500	4500	9750	350	500	58	7500	1800	57
Twic																								

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	Median time to restock local staple cereals	Median time to restock imported food items	Median time to restock NFIs
Central Equatoria																				
Juba	Juba PoC	na	na	15	na	na	na	5	35	28	na	na	na	14		na	na	na	1	1
	Juba Town	33	33	60	30	51	46	30	30	32	28	21	29	60	30	60	30	4	5	5
	Mangala	na	na	14	6		6	6	60	14	na	32	26	37	14	21	11	na	2	5
Kajo Keji	Kajo Keji Town	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	1	na	2
Morobo	Morobo Town	21	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	1
Yei	Yei Town	21	na	na	5	na	na	14	na	na	na	na	na	na	na	na	na	na	na	2
Eastern Equatoria																				
Kapoeta South	Kapoeta Town	na	7	14	45	na	18	11	34	3	22	na	na	na	na	60	na	na	na	10
Lafon	Longiro	na	na	na	na	na	na	26	26	21	26	na	na	na	na	na	na	na	na	4
Magwi	Magwi Town	41	60	21	28	60	60	21	30	45	25	60	60	na	na	na	na	na	1	31
	Mugali	na	na	18	32	na	25	21	18	18	21	14	na	60	na	na	na	na	na	60
	Nimule	60	60	60	60	60	41	44	21	41	18	18	na	60	na	na	na	na	120	120
Torit	Torit Town	14	21	14	30	7	14	14	18	22	14	21	14	51	60	60	14	4	na	4
Jonglei																				
Pibor	Pibor Town	na	na	na	na	na	21	21	28	14	21	na	na	na	na	na	na	na	3	3
Twic East	Panyagor	na	na	na	60	na	60	60	60	60	60	na	na	na	na	na	na	na	3	3
Lakes																				
Awerial	Kalthok	30	na	na	30	na	30	30	30	30	30	na	30	30	45	60	30	5	5	5
	Mingkaman	30	26	30	30	30	30	30	30	30	30	45	45	30	30	30	60	na	15	14
Rumbek Centre	Rumbek Town	28	30	30	29	na	30	44	29	na	7	60	37	7	30	35	60	30	15	7
Rumbek East	Aduel	18	30	22	30	14	30	14	30	22	14	30	na	60	30	60	60	5	1	1
	Akot	18	na	41	na	na	60	na	na	na	na	na	na	60	na	na	na	na	4	4
Yirol East	Nyang	6	na	14	28	21	14	21	26	21	30	18	na	60	na	na	na	na	60	60
Yirol West	Yirol Town	na	na	21	21	28	14	14	28	21	21	60	na	14	na	na	na	na	2	3
Northern Bahr el Ghazal																				
Aweil Centre	Aweil Town	60	na	39	30	55	32	na	na	46	na	42	60	na	60	30	60	na	na	na
Aweil East	Wanyjok	14	na	na	14	na	na	14	14	14	14	14	na	21	na	na	21	1	1	1
	Warawar	21	na	21	21	14	21	14	21	14	21	21	na	28	na	21	21	1	1	1
Aweil North	Ariath	14	na	14	21	18	21	14	21	60	60	60	na	60	na	60	14	na	7	2
	Gok-Machar	60	na	33	30	42	na	21	na	32	na	32	na	na	na	na	36	na	na	na
Aweil South	MalekAlel	14	na	na	14	na	14	11	14	14	14	18	na	25	na	21	na	1	1	1
	Watmuok	14	na	na	14	14	21	14	14	14	14	21	na	28	na	21	21	1	1	1
Aweil West	Marial Baai	60	na	28	35	42	42	na	na	30	na	na	na	na	na	na	35	na	na	na
	Nyamlel Town	55	na	35	42	39	39	60	na	35	21	39	na	na	na	na	60	na	na	na
Unity																				
Koch	Koch Town	14	12	14	14	14	21	26	14	10	21	na	14	7	na	na	45	7	7	na
Mayendit	Mayendit Town	30	7	12	15	na	30	26	60	30	60	na	na	na	na	na	na	na	15	1
Panyjiar	Nyal	30	na	30	21	na	na	30	30	21	18	30	60	30	30	60	30	na	5	6
Pariang	Ajuong Thok RC	26	na	60	19	14	26	60	30	29	30	na	na	45	30	30	na	na	14	5
	Jamjang	30	na	45	30	na	30	30	45	30	30	na	30	30	na	na	na	na	na	na
	Pamir RC	25	na	29	60	na	29	30	45	33	30	na	na	60	na	na	na	4	na	10
Rubkona	Bentiu	21	21	21	18	32	32	21	35	18	39	42	42	39	42	42	39	8	7	9
	Bentiu PoC	21	21	60	30	na	14	35	48	30	30	30	na	30	60	30	60	na	4	7
	Rubkona Town	21	25	21	21	32	28	25	42	25	42	35	42	39	35	35	28	9	9	8
Upper Nile																				
Melut	Melut Town	60	60	60	60	18	60	na	14	30	60	7	na	60	na	na	na	1	1	1
Renk	Renk Town	na	na	18	45	14	12	14	na	21	60	na	60	45	60	30	60	na	9	2
Warrap																				
Abyei	Abyei Town	60	na	14	21	21	21	21	21	21	30	21	na	21	na	41	na	15	na	na
Gogrial East	Luonyaker	60	na	21	21	21	21	21	14	21	26	21	na	21	na	21	21	na	na	3
Gogrial West	Kuajok	60	na	14	18	21	21	21	21	21	21	21	21	18	na	41	21	na	na	na
Tonj East	Romich	60	na	21	na	21	21	21	21	21	21	45	21	41	na	41	21	3	na	na
Tonj North	Warrap Town	60	na	18	21	21	21	21	21	21	21	21	na	21	na	na	na	na	3	na
Tonj South	Tonj Town	60	na	21	26	26	30	21	21	21	21	21	30	21	45	41	21	na	na	na
Twic	Turalei	14	30	30	14	14	30	30	14	14	14	22	22	30	30	14	30	na	na	na
	Wunrok	30	30	30	30	30	30	30	30	30	19	30	30	30	30	26	30	na	na	na
Western Bahr el Ghazal																				
Raja	Deim Zubeir	21	na	26	18	na	na	30	na	18	21	30	60	30	na	na	21	na	1	1
Wau	Wau	18	21	18	18	21	18	18	18	18	18	21	21	18	18	18	21	na	14	20
Western Equatoria																				
Ezo	Ezo Town	na	5	44	44	21	28	22	60	60	21	30	25	60	51	25	10	1	3	21
Mundri East	Lui	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	1	1	1
Mundri West	Mundri Town	14	na	14	na	56	21	21	21	na	11	21	41	na	14	28	18	na	3	30
Yambio	Yambio	na	7	21	14	na	30	14	30	7	60	na	60	na	na	na	na	na	2	25

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 (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.
- 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 international.
- Caritas
- Church & Development
- CINA-Community in Need Aid
- Concern World wide
- 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
- LDO-Lomere Development Organization
- 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
- SSGID- South Sudan Grss rout Initiative for Development
- STO- South Star Trust Organization
- Tearfund
- UNHCR- United Nations High Commissioner for Refugee
- UNICEF – United Nations Children's Fund
- UNKEA – Universal Network for Knowledge & Empowerment Agency
- WADA-WiderAid and Development Agency
- WHH – Welthungerhilfe
- Windle Trust International
- World Vision
- NPA - Norwegian Peoples's Aid

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 The parallel market exchange rate (buy and sell rate) was collected from two traders in each assessed location. The overall rate is calculated by first finding the median in each assessed location, then taking the median of the resulting set of median rates.

⁴ 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.

⁵ 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.

⁶ 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

2021

January	January
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