

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

51,553 SSP

127.29 USD*

3,471 SSP ▼ -6%

Cost of food basket²

33,975 SSP

83.89 USD*

5,758 SSP ▼ -14%

USD/SSP (parallel market)³

405

38 SSP ▲ +10%

USD/SSP (official)⁴

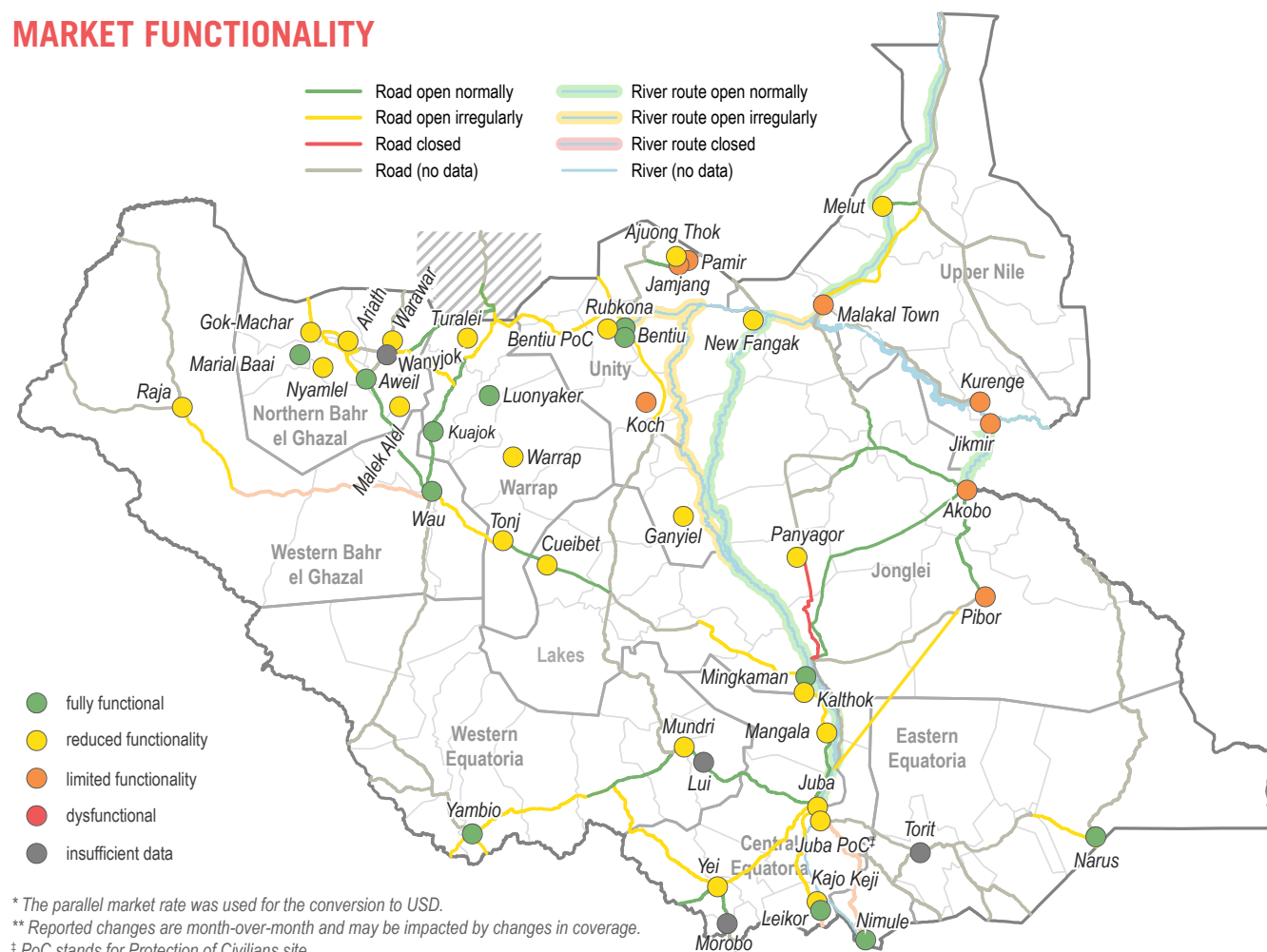
406

79.73 SSP ▲ +24%

PARTICIPATING AGENCIES

ACTED
CAFOD-Trócaire
CARE
Cina
Concern
Cordaid
DCA
DRC
IOM
Malteser Int.
IRC
LDO
Nile Hope
Oxfam
Pilgrims of Hope (POH)
REACH
Save the Children
Solidarités
SPEDP
SSGID
Tearfund
UNHCR
WADA
Welthungerhilfe
Windle Trust Int.
World Vision

MARKET FUNCTIONALITY



* The parallel market rate was used for the conversion to USD.

** Reported changes are month-over-month and may be impacted by changes in coverage.

† 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 August

24 participating agencies[§]

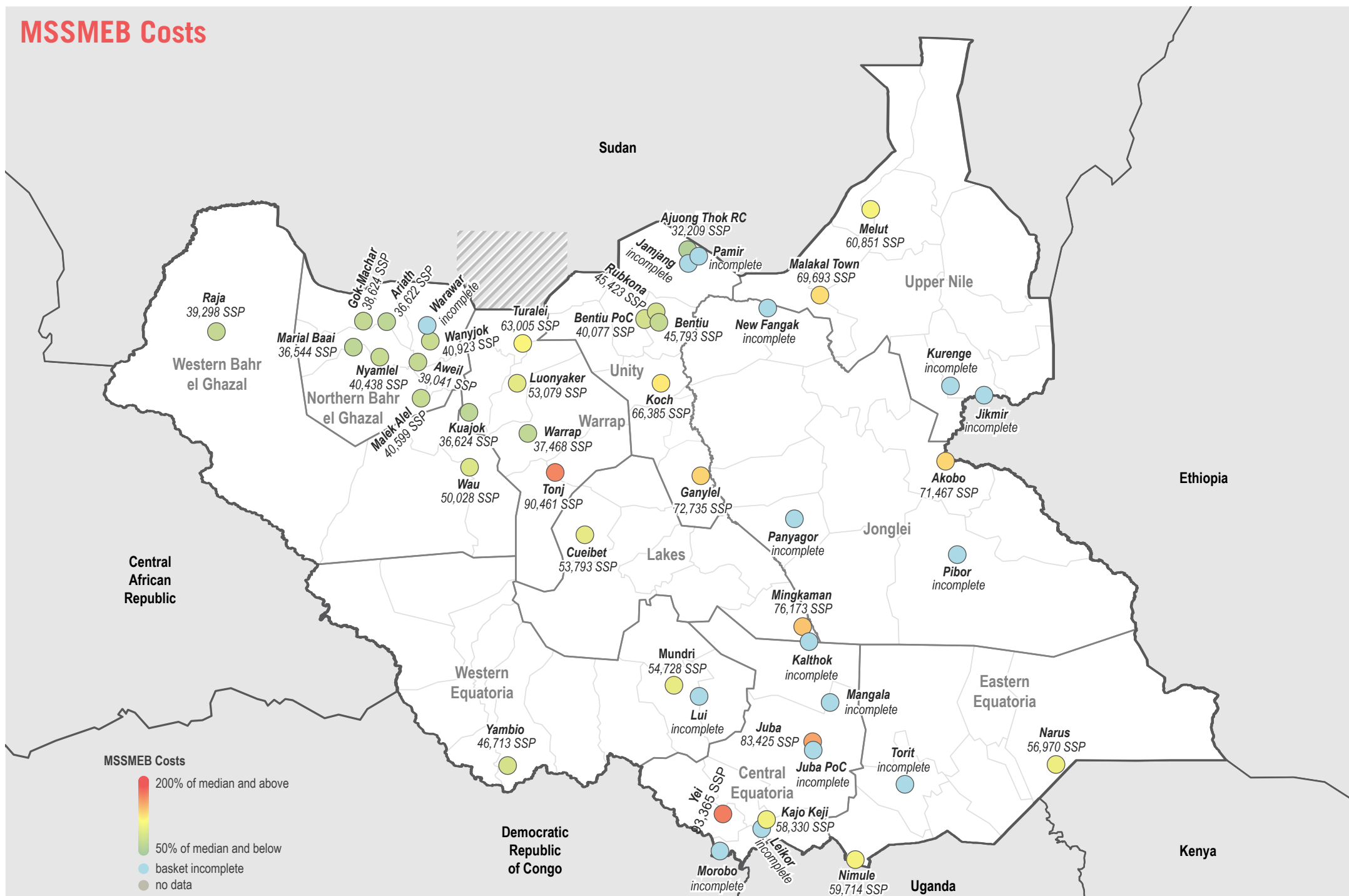
47 assessed locations[†]

60 assessed marketplaces

1061 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 pad	4 pcs
Mosquito net	2 pcs	Underwear	4 pcs
Kitchen set	1 pc	Kanga**	2 pcs
Jerrycan	2 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.

* 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)

51,553 SSP

127.29 (at parallel market rate)

127.12 (at official rate)

Change since July 2021

3,471 SSP ▼ -6%

Change since August 2020

2,418. SSP ▲ +28%

MSSMEB PER LOCATION

County	Location	MSSMEB key items in SSP	Change since July 2021	Change since August 2020	MSSMEB key items in USD†
Central Equatoria					
Juba	Juba PoC §	na	na	na	na
	Juba Town	83,425	▲ 51%	▲ 129%	205.99
	Mangala	na	na	na	na
Kojo Keji	Kojo Keji Town	58,330	na	na	149.09
	Leikor Centre	na	na	na	na
Morobo	Morobo Town	na	na	na	na
Yei	Yei Town	93,365	na	na	230.53
Eastern Equatoria					
Kapoeta East	Narus	56,970	na	▲ 43%	138.95
Magwi	Nimule	59,714	▼ 13%	▲ 43%	141.34
Torit	Torit Town	na	na	na	na
Jonglei					
Akobo	Akobo Town	71,467	▼ 15%	▲ 58%	172.21
Fangak	New Fangak	na	na	na	na
Pibor	Pibor Town	na	na	na	na
Twic East	Panyagor	na	na	na	na
Lakes					
Awerial	Kalthok	na	na	na	na
	Mingkaman	76,173	▼ 2%	▲ 38%	190.43
Cueibet	Cueibet Town	53,793	▼ 33%	▲ 27%	132.82
Northern Bahr el Ghazal					
Aweil Centre	Aweil Town	39,041	▼ 18%	▼ 24%	100.43
Aweil East	Wanyjok	40,923	▼ 12%	na	99.21
	Warawar	na	na	na	na
Aweil North	Ariath	36,622	▼ 18%	▼ 24%	90.42
	Gok-Machar	38,624	▼ 16%	▼ 21%	98.41
Aweil South	Malek Alel	40,599	na	na	95.81
Aweil West	Marial Baai	36,544	▼ 21%	▼ 20%	90.23
	Nyamlel Town	40,438	▼ 17%	▼ 27%	97.44
Unity					
Koch	Koch Town	66,385	na	▼ 32%	163.91
Panyijiar	Ganyel	72,735	na	na	179.59
Pariang	Ajuong Thok RC	32,209	▲ 2%	▲ 26%	80.02
	Jamjang	na	na	na	na
	Pamir RC	na	na	na	na
Rubkona	Bentiu	45,793	▼ 32%	▲ 2%	109.68
	Bentiu PoC	40,077	▼ 44%	▲ 2%	98.96
	Rubkona	45,423	▼ 23%	▲ 1%	107.51
Upper Nile					
Luakpiny Nasir	Jikmir	na	na	na	na
	Kurenge	na	na	na	na
Malakal	Malakal Town	69,693	na	na	182.20
Melut Town	Melut Town	60,851	▲ 11%	▲ 65%	163.36
Warrap					
Gogrial East	Luonyaker	53,079	na	na	131.06
Gogrial West	Kuajok	36,624	na	▼ 14%	90.43
Tonj North	Warrap	37,468	na	na	92.51
Tonj South	Tonj	90,461	na	na	251.28
Twic	Turalei	63,005	na	na	155.57
Western Bahr el Ghazal					
Raja	Raja Town	39,298	▼ 13%	na	103.42
Wau	Wau	50,028	▼ 8%	▲ 15%	123.53
Western Equatoria					
Mundri East	Lui	na	na	na	na
Mundri West	Mundri Town	54,728	na	na	128.02
Yambio	Yambio	46,713	▲ 6%	▲ 58%	119.01
Overall		51,553	▼ 6%	▲ 28%	127.29

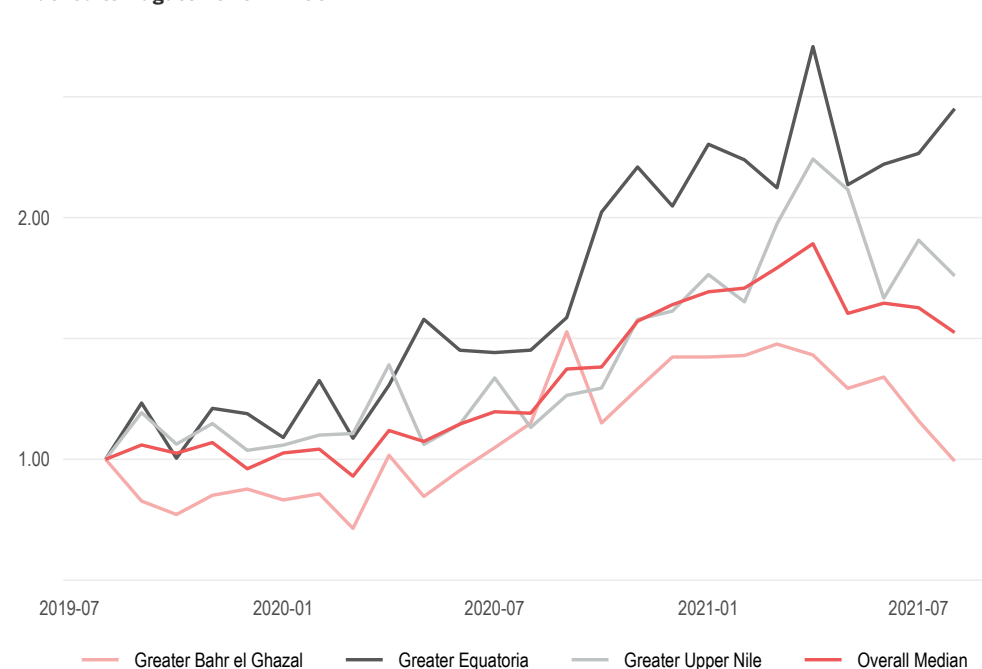
MSSMEB OVER TIME⁵

in SSP



MSSMEB OVER TIME⁵

Indexed to August 2019 = 1.00⁶



[†] The parallel market rate was used for the conversion to USD.

[‡] The food basket was incomplete, or no SSP conversion rate was available. The MSSMEB index is therefore incomplete in Jikmir & Kurenge.

[§] No sorghum nor maize prices were available. No alternate cereal prices were available for Juba PoC, Managala, Morobo, Leikor, Torit, New Fangak, Pibor, Panyagor, Kalthok, Warawar, Jamjang, Pamir & Lui, therefore the MSSMEB has been left blank.

[¶] No sorghum nor maize prices were available.

MSSMEB Food Basket Costs

MSSMEB Costs

- 200% of median and above
- 50% of median and below
- basket incomplete
- no data

Location	Cost (SSP)	Status
Raja	25,455	50% of median and below
Marial Baai	23,200	50% of median and below
Gok-Machar	24,837	50% of median and below
Ariath	24,190	50% of median and below
Nyamlei	26,785	50% of median and below
Aweil	23,814	50% of median and below
Malek-Alel	22,695	50% of median and below
Kuajok	25,116	50% of median and below
Wau	33,050	50% of median and below
Warrap	23,541	50% of median and below
Turalei	42,705	50% of median and below
Luonyaker	34,803	50% of median and below
Cueibet	36,245	50% of median and below
Mundri	40,260	50% of median and below
Yambio	33,147	50% of median and below
Yei	79,319	200% of median and above
Tonj	78,400	200% of median and above
Bentiu PoC	23,310	50% of median and below
Bentiu	32,142	50% of median and below
Koch	42,909	50% of median and below
Ganyel	55,910	50% of median and below
Mingkaman	59,100	200% of median and above
Juba	68,902	200% of median and above
Juba PoC	incomplete	basket incomplete
Kajo Keji	42,419	50% of median and below
Nimule	44,903	50% of median and below
Narus	43,343	50% of median and below
Melut	42,603	50% of median and below
Malakal Town	53,560	50% of median and below
Ajuong Thok RC	18,656	50% of median and below
Jamjang	incomplete	basket incomplete
Ramir	incomplete	basket incomplete
Rubkona	32,009	50% of median and below
New Fangak	incomplete	basket incomplete
Kurenge	incomplete	basket incomplete
Jikmir	incomplete	basket incomplete
Akobo	51,783	50% of median and below
Pibor	incomplete	basket incomplete
Panyagor	incomplete	basket incomplete
Kalthok	incomplete	basket incomplete
Mangala	incomplete	basket incomplete
Torit	incomplete	basket incomplete
Lekei	incomplete	basket incomplete
Morobo	incomplete	basket incomplete
Warawar	incomplete	basket incomplete

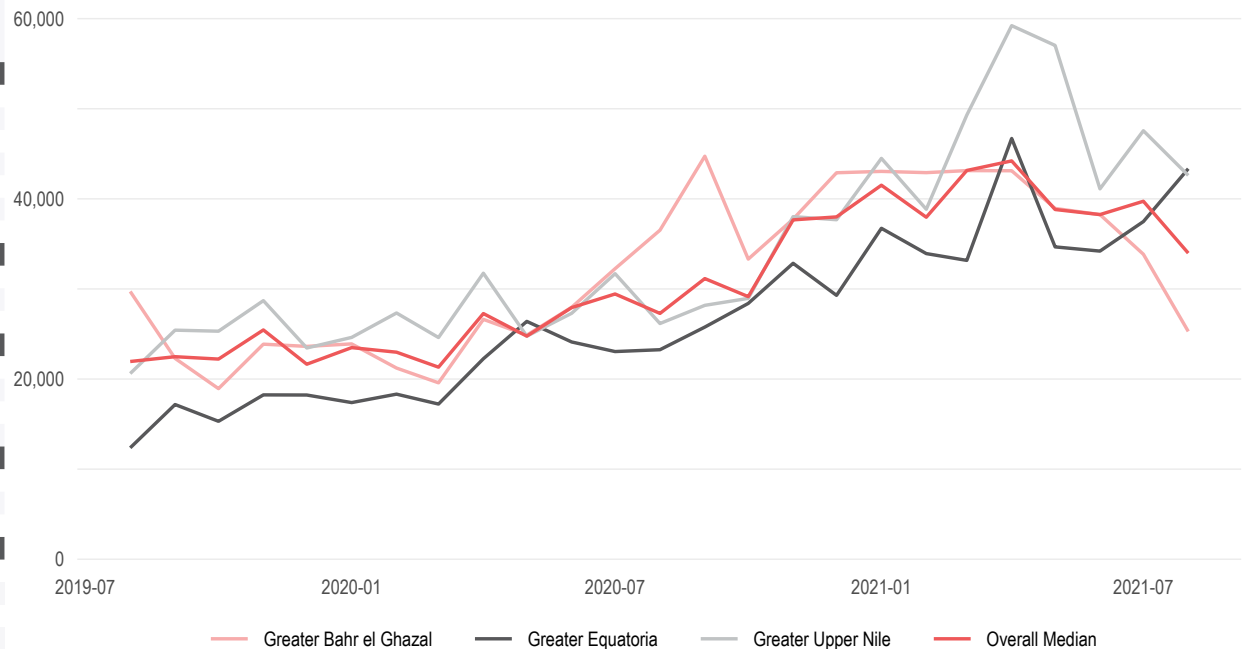
INDICES PER LOCATION

County	Location	MSSMEB food basket in SSP	Change since July 2021	Change since August 2020	Food price index* in SSP	Change since July 2021	Change since August 2020
Central Equatoria							
Juba	Juba PoC	na	na	na	3,537	▼ 9%	na
	Juba Town	68,902	▲ 96%	▲ 186%	5,844	▲ 17%	▲ 113%
	Mangala	na	na	na	4,391	na	na
Kojo Keji	Kojo Keji	42,419	na	na	6,542	na	na
	Leikor Centre	na	na	na	4,935	na	na
Morobo	Morobo Town	na	na	na	5,545	na	na
Yei	Yei Town	79,319	na	na	6,064	na	na
Eastern Equatoria							
Kapoeta East	Narus	43,343	na	▲ 52%	4,861	na	▲ 81%
Magwi	Nimule	44,903	▼ 19%	▲ 44%	5,933	▼ 12%	▲ 60%
Torit	Torit Town	na	na	na	4,067	na	▲ 69%
Jonglei							
Akobo	Akobo Town	51,783	▼ 21%	▲ 74%	7,654	▲ 17%	▲ 76%
Fangak	New Fangak	na	na	na	7,160	▲ 6%	▲ 82%
Pibor	Pibor Town	na	na	na	8,215	▲ 14%	na
TwicEast	Panyagor	na	na	na	5,437	▲ 29%	na
Lakes							
Awerial	Kalthok	na	na	na	4,096	na	na
	Mingkaman	59,100	▼ 2%	▲ 61%	5,181	▼ 10%	▲ 44%
Cueibet	Cueibet Town	36,245	▼ 45%	▲ 36%	4,200	▼ 9%	▲ 13%
Northern Bahr el Ghazal							
					6,548		
Aweil Centre	Aweil Town	23,814	▼ 30%	▼ 41%	4,075	▼ 5%	▲ 19%
Aweil East	Wanyjok	22,250	▼ 26%	na	3,435	▼ 29%	na
	Warawar	na	na	na	5,758	▲ 13%	na
Aweil North	Ariath	24,190	▼ 28%	▼ 38%	3,996	▼ 15%	▲ 2%
	Gok-Machar	24,837	▼ 25%	▼ 36%	4,421	▼ 6%	▲ 26%
Aweil South	Malek Alel	22,695	na	na	3,877	na	na
Aweil West	Marial Baai	23,200	▼ 30%	▼ 36%	4,995	▼ 3%	▲ 43%
	Nyamlel Town	26,785	▼ 25%	▼ 40%	4,597	▼ 13%	▲ 20%
Unity							
Koch	Koch Town	42,909	na	▼ 48%	5,821	▼ 22%	▲ 2%
Panyijiar	Ganylel	55,910	na	na	5,165	na	na
Pariang	AjuongThok RC	18,656	▲ 10%	▲ 19%	4,220	▼ 7%	▲ 37%
	Jamjang	na	na	na	4,601	▲ 4%	▲ 57%
	Pamir RC	na	na	na	4,268	▼ 3%	▲ 41%
Rubkona	Bentiu	32,142	▼ 38%	▲ 3%	6,126	▼ 19%	▲ 35%
	Bentiu Poc	23,310	▼ 58%	▼ 17%	3,866	▼ 41%	▲ 22%
	Rubkona Town	32,009	▼ 26%	▲ 2%	6,019	▼ 12%	▲ 31%
Upper Nile							
Luakpiny Nasir	Jikmir	na	na	na	na	na	na
	Kurenge	na	na	na	na	na	na
Malakal	Malakal Town	53,560	na	na	7,585	na	na
Melut	Melut Town	42,603	▲ 7%	▲ 64%	6,662	▼ 9%	▲ 90%
Warrap							
Gogrial East	Luonyaker	34,803	na	na	5,190	na	na
Gogrial West	Kuajok	25,116	na	▼ 17%	3,752	na	▲ 16%
Tonj North	Warrap	23,541	na	na	4,650	na	na
Jonj South	Jonj	78,400	na	na	6,025	na	na
Twic	Turalei	42,705	na	na	6,467	na	na
Western Bahr el Ghazal							
Raja	Raja Town	25,455	▼ 24%	na	5,028	▼ 4%	na
Wau	Wau	33,050	▼ 10%	▲ 10%	3,825	▼ 1%	▲ 26%
Western Equatoria							
Mundri East	Lui	na	na	na	7,673	na	na
Mundri West	Mundri Town	40,260	na	na	4,025	na	na
Yambio	Yambio	33,147	▲ 4%	▲ 75%	3,891	▼ 7%	▲ 15%
Overall		33,975	▼ 14%	▲ 25%	4,941	▼ 3%	▲ 44%

* 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.

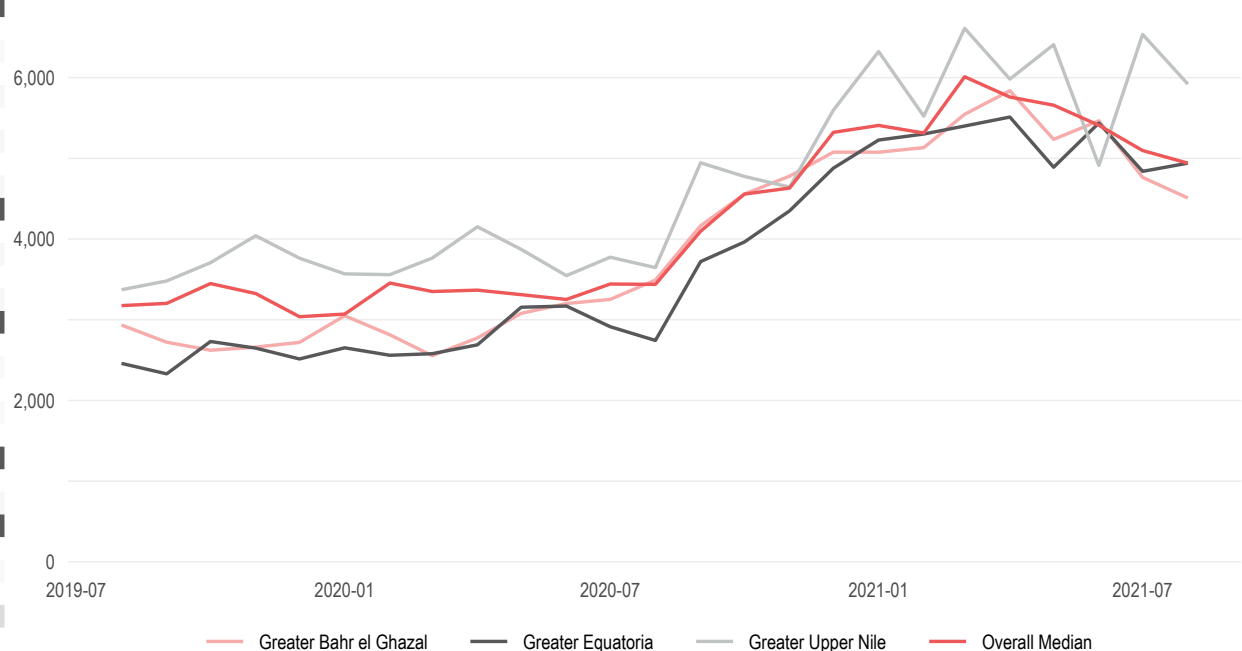
MSSMEB FOOD BASKET OVER TIME⁵

in SSP



FOOD PRICE INDEX OVER TIME⁵

in SSP



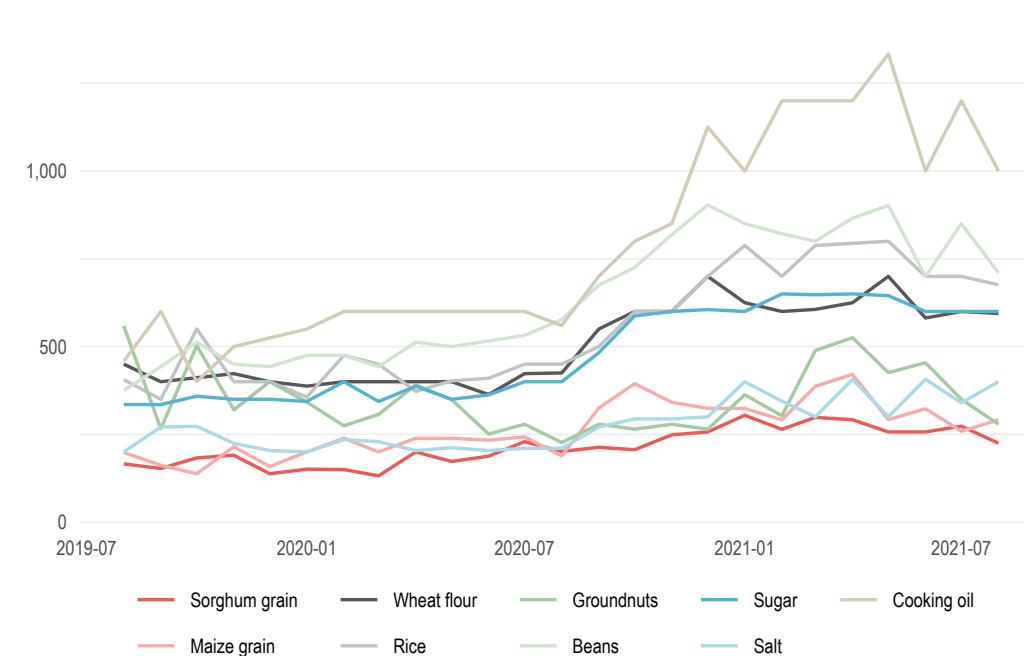
PRICES OF MONITORED ITEMS

Item	Unit	Median price in SSP	Change since July 2021	Change since August 2020	Median price in USD
Food Items					
Sorghum grain	1 kg	225	▼ 18%	▲ 12%	0.56
Maize grain	1 kg	292	▲ 13%	▲ 54%	0.72
Wheat flour	1 kg	589	▼ 2%	▲ 39%	1.47
Rice	1 kg	676	▼ 3%	▲ 50%	1.67
Groundnuts (shelled)	1 kg	279	▼ 20%	▲ 23%	0.69
Beans	1 kg	711	▼ 16%	▲ 23%	1.75
Sugar	1 kg	600	► 0%	▲ 50%	1.48
Salt	1 kg	400	▲ 18%	▲ 90%	0.99
Cooking oil	1 L	1,000	▼ 17%	▲ 79%	2.47
Water*	1 L	166	na	na	na
Non-Food Items					
Soap	200 g	146	▼ 15%	▲ 42%	0.36
Jerrycan	1 pc	1,100	▼ 15%	▲ 120%	2.72
Mosquito net	1 pc	1,500	▼ 40%	► 0%	3.70
Exercise book	1 pc	300	▲ 20%	▲ 67%	0.74
Blanket	1 pc	5,500	▼ 17%	▲ 57%	13.58
Cooking pot	1 pc	4,625	▼ 8%	▲ 23%	11.42
Plastic sheet	1 pc	8,000	▼ 11%	▲ 36%	19.75
Pole	1 pc	1,000	► 0%	▲ 54%	2.47
Firewood	1 bundle	655	▼ 10%	▲ 105%	1.62
Charcoal	1 kg	103	▼ 3%	▲ 49%	0.25
Livestock Items					
Goat	1 goat	19,000	▼ 22%	▲ 58%	46.91
Chicken	1 chicken	2,500	▼ 4%	▲ 67%	6.17
Services					
Milling costs	1 kg	59	▲ 4%	▲ 104%	0.15
Currencies					
US dollar	1 USD	405	▲ 10%	▲ 16%	
Sudanese pound	1 SDG	na	na	na	
Ethiopian birr	1 ETB	7.5	▼ 17%	▲ 3%	
Ugandan shilling	1 UGX	0.233	▲ 104%	▲ 116%	
Kenyan shilling	1 KES	11.000	► 0%	▲ 224%	

* Prices only collected for Juba Town

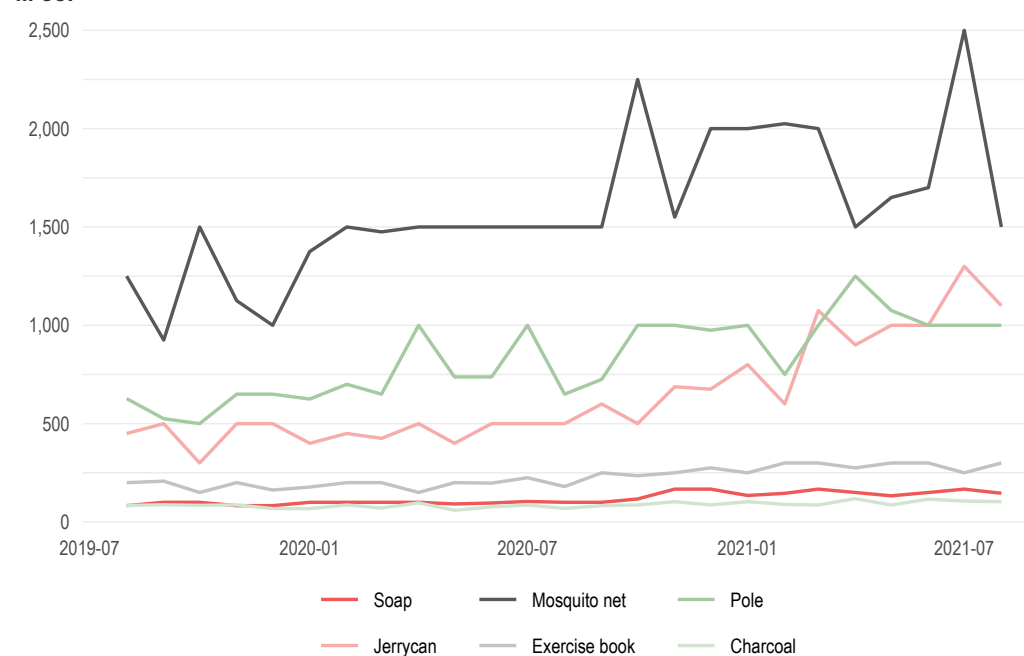
FOOD PRICES OVER TIME

in SSP



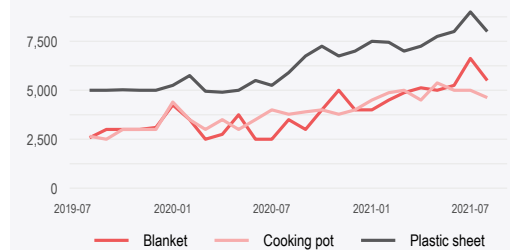
NFI PRICES OVER TIME

in SSP



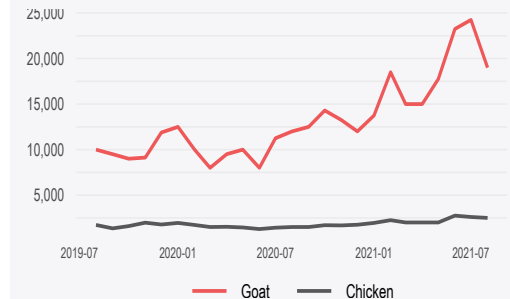
NFI PRICES OVER TIME CONT.

in SSP

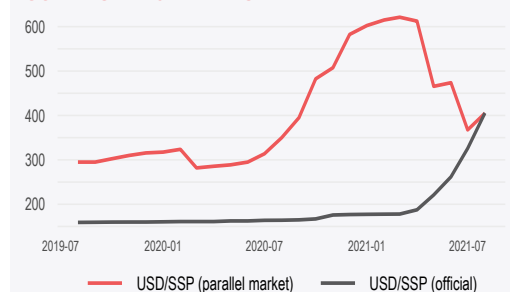


LIVESTOCK PRICES OVER TIME

in SSP

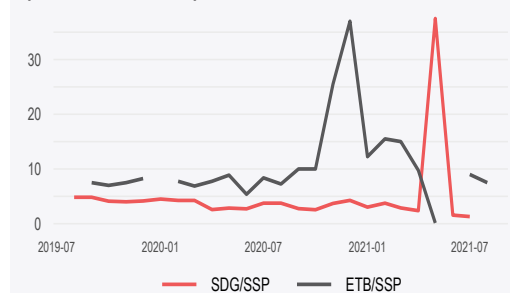


USD EXCHANGE RATE OVER TIME

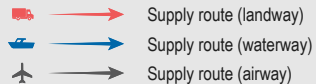


OTHER EXCHANGE RATES OVER TIME

(Parallel market rates)



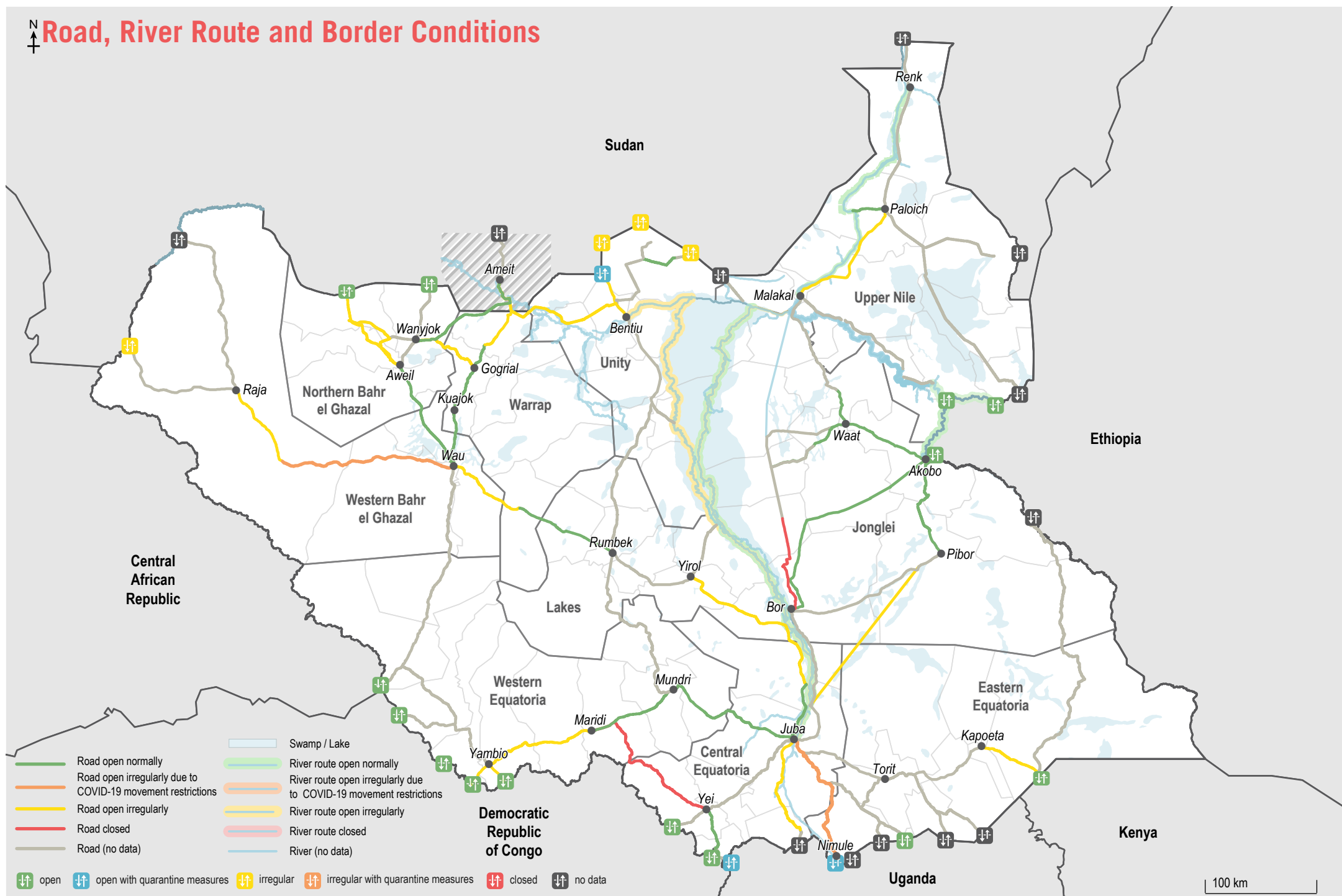
N
↑
+



100 km

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.

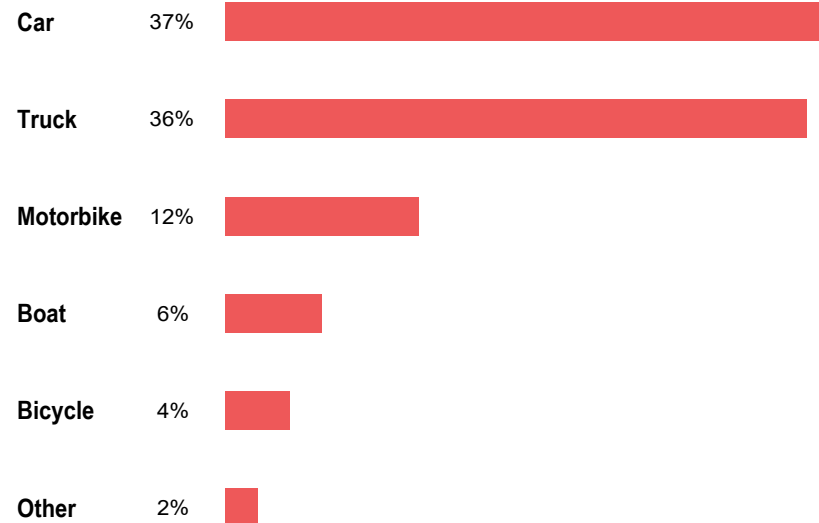
Road, River Route and Border Conditions



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



2 days

median time to restock locally produced cereals from out of town



53% of traders reported restocking NFIs from a wholesaler in town



51% of **food traders** expect price increases
20% of **food traders** do not expect price changes
16% of **food traders** expect price decreases
13% 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.



32% of staple cereal traders reported restocking from a local producer



42% of **non-food traders** expect price increases
22% of **non-food traders** do not expect price changes
20% of **non-food traders** expect price decreases
16% of **non-food traders** do not have any price expectations

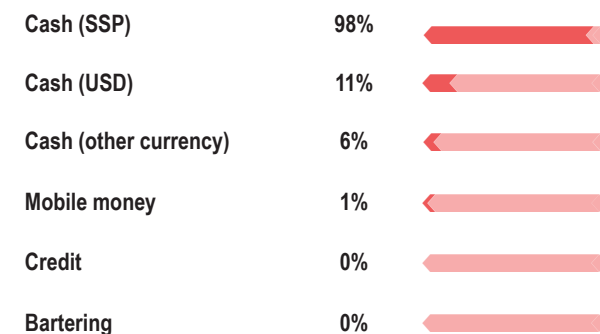
5 days

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

Reported restocking constraints*



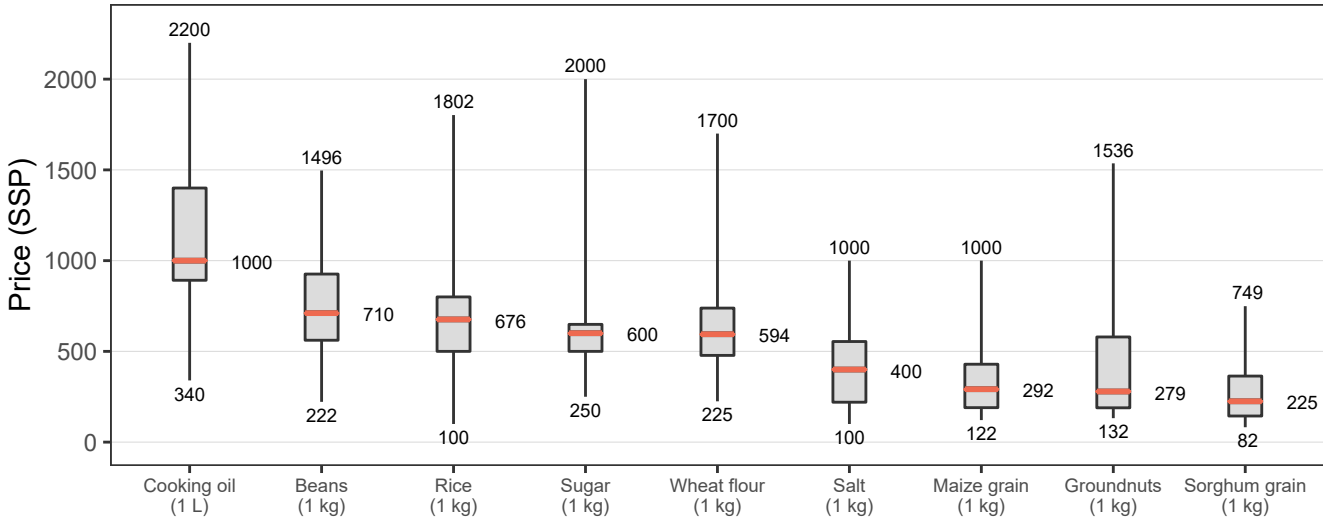
Accepted payment modalities*



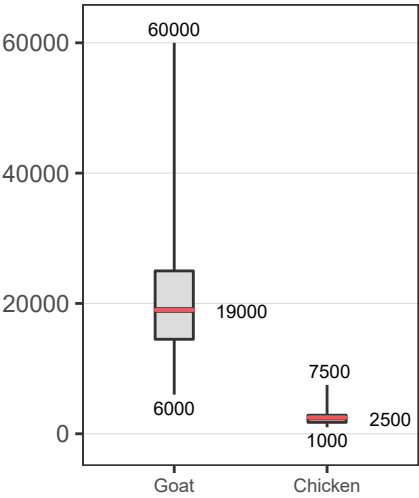
* Values do not add up to 100% as traders were allowed to select multiple options.

Distribution of Prices

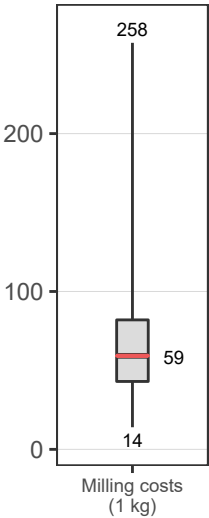
Food Items



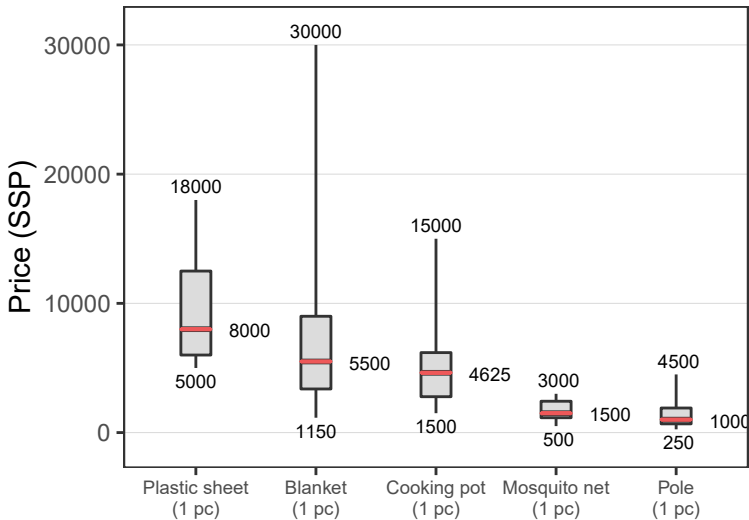
Livestock



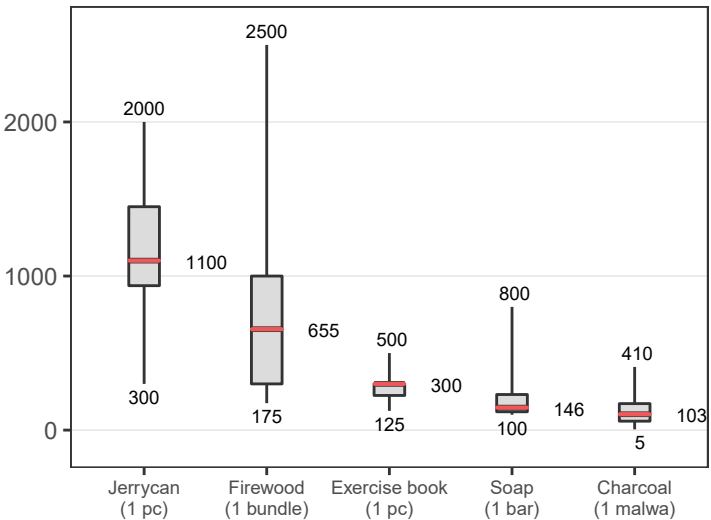
Services



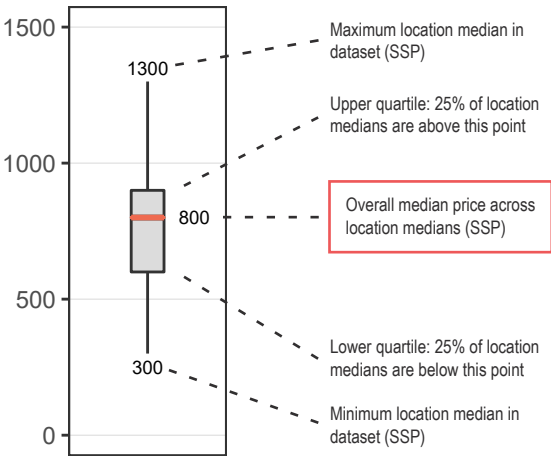
NFIs



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.

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	na	na	225	100	na	na	306	400	na	na	142	na	na	300	na	na	na	1,500	na	58	na	na	179
	Juba Town	729	598	490	800	na	998	600	400	950	33	133	500	2,400	300	3,500	2,700	5,800	1,000	1,000	58	45,000	na	175
Kojo Keji	Mangala	140	na	400	310	na	700	370	800	1,100	na	117	na	na	na	na	na	na	1,900	na	na	na	na	na
	Kojo Keji Town	170	250	na	500	1,536	1,497	550	450	1,000	na	267	1,200	2,500	300	6,000	na	12,500	na	na	121	na	na	50
	Leikor Centre	500	400	na	500	246	600	600	500	1,000	na	267	1,250	2,775	300	6,000	4,500	12,500	na	na	na	35,000	5,000	50
Morobo	Morobo Town	na	na	na	650	na	na	700	700	1,400	na	233	na	na	250	na	na	na	na	na	58	na	na	na
Yei	Yei Town	749	na	845	676	756	601	645	500	1,000	na	125	1,000	850	175	1,500	na	5,000	1,500	500	138	35,000	7,500	20
Eastern Equatoria																								
Kapoeta East	Narus	242	324	500	676	na	887	753	200	1,000	300	133	1,000	2,000	200	3,000	5,000	10,000	2,500	1,000	103	18,000	1,000	43
Magwi	Nimule	377	359	704	788	1,117	776	538	407	867	na	100	550	2,000	125	2,750	2,000	6,000	1,500	1,000	145	na	na	138
Torit	Torit Town	na	na	300	700	303	700	400	147	1,267	na	100	na	na	na	na	na	na	na	na	na	na	na	na
Jonglei																								
Akobo	Akobo Town	303	na	763	1,126	na	1,330	1,018	543	2,000	na	333	1,200	1,000	na	na	na	18,000	1,500	300	194	25,000	na	143
Fangak	New Fangak	464	567	986	788	na	na	860	305	2,200	na	242	na	na	150	na	na	na	na	na	207	na	na	na
Pibor	Pibor Town	na	1,000	1,000	1,000	na	na	1,000	1,000	2,000	na	283	na	na	na	na	na	na	500	2,000	58	na	na	na
Twic East	Panyagor	na	na	1,700	676	na	665	611	900	1,200	na	150	na	na	na	na	na	na	na	na	341	30,000	na	na
Lakes																								
Awerial	Kalthok	na	na	400	500	na	500	500	400	1,000	na	133	na	1,000	250	1,150	1,500	na	na	na	na	15,000	na	na
Awerial	Mingkaman	510	na	600	600	na	600	500	600	1,200	na	150	300	1,500	na	5,000	4,750	10,000	2,500	1,200	172	25,000	4,500	72
Cueibet	Cueibet Town	250	250	na	600	200	na	250	150	1,200	na	133	2,000	1,200	500	8,000	7,250	7,500	300	1,500	86	na	na	150
Northern Bahr el Ghazal																								
Aweil Centre	Aweil Town	109	130	500	700	132	800	400	204	1,100	na	100	1,550	1,100	125	12,000	3,000	6,650	900	300	207	20,000	2,500	36
Aweil East	Wanyjok	150	na	363	350	na	481	600	221	700	na	117	na	1,575	500	na	6,250	5,000	600	425	155	17,500	3,000	36
	Warawar	182	na	915	na	na	na	1,104	na	1,200	na	800	na	na	na	na	na	na	na	na	58	6,000	na	43
Aweil North	Ariath	154	na	450	700	151	575	475	na	800	na	133	975	950	225	7,000	2,400	6,000	1,000	300	58	10,500	1,750	36
	Gok-Machar	136	122	900	700	151	na	500	202	1,000	na	133	na	1,200	225	na	na	na	700	175	103	na	na	62
Aweil South	Malek Alel	151	na	na	525	na	521	600	221	700	na	117	na	na	500	na	6,500	5,000	600	450	121	20,000	3,500	43
Aweil West	Marial Baai	82	na	750	900	151	1,000	500	220	1,100	na	100	1,500	1,200	200	na	na	na	800	213	103	14,000	1,900	43
	Nyamlel Town	129	na	475	800	132	1,000	550	220	1,000	na	100	na	1,300	200	na	na	na	1,000	200	103	19,000	1,750	59
Unity																								
Koch	Koch Town	225	na	487	200	na	1,109	552	678	2,000	na	333	na	3,000	500	na	na	14,500	2,000	na	270	na	na	na
Panyijiar	Ganyel	454	454	300	300	na	300	728	350	2,000	na	167	400	2,000	400	na	3,500	na	2,000	2,500	121	10,000	2,000	na
Pariang	Ajuong Thok RC	144	na	500	1,200	279	222	550	500	533	na	167	na	2,450	300	3,500	na	na	na	na	58	na	na	43
	Jamjang	na	na	650	1,200	na	222	600	600	533	na	200	na	na	300	na	na	na	na	na	69	22,000	na	43
Rubkona	Pamir RC	na	na	600	950	na	222	600	600	500	na	200	na	2,500	300	na	na	na	na	na	58	na	na	43
	Bentiu	143	169	704	845	491	837	699	339	1,900	na	142	1,100	2,750	250	19,000	6,000	14,000	1,900	850	58	19,000	2,250	113
	Bentiu PoC	116	130	na	275	na	na	291	475	na	na	250	1,500	na	500	na	6,000	na	4,500	300	58	na	na	75
	Rubkona Town	136	167	606	833	475	826	638	339	2,000	na	142	1,050	2,650	250	20,000	10,000	14,500	2,150	710	58	20,000	2,850	75
Upper Nile																								
Luakpiny Nasir	Jikmir	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	Kurenge	401	na	589	340	na	na	300	136	670	na	225	na	na	na	na	na	na	na	na	410	na	na	na
Malakal	Malakal Town	364	421	700	700	1,500	1,200	700	400	1,600	na	233	475	1,200	200	4,000	1,500	12,000	250	1,500	174	10,500	1,500	72
Melut	Melut Town	254	na	800	1,000	na	800	650	588	2,000	na	267	1,000	2,000	300	na	4,250	16,500	na	800	216	16,000	1,550	29
Warrap																								
Gogrial East	Luonyaker	218	518	671	611	189	721	568	294	1,400	na	167	1,500	500	400	na	1,500	8,000	300	300	174	7,000	2,500	43
Gogrial West	Kuajok	164	194	550	590	189	902	625	198	340	na	117	375	825	200	na	13,000	7,500	1,100	400	5	26,000	2,800	160
Tonj North	Warrap	169	178	600	800	927	500	600	276	600	na	117	1,350	850	300	1,500	4,000	5,000	250	450	69	8,500	2,750	79
Tonj South	Tonj	700	500	550	700	600	1,000	575	400	1,000	na	133	1,400	3,000	350	na	14,000	9,000	800	200	7	15,000	2,200	86
Twic	Turalei	303	324	na	200	210	700	2,000	735	1,400	na	233	1,200	1,200	300	5,000	1,600	5,000	1,300	1,400	207	7,000	1,500	258
Western Bahr el Ghazal																								
Raja	Raja Town	144	194	1,000	1,000	na	na	600	100	1,000	na	184	2,000	1,500	na	18,000	15,000	8,000	1,000	600	69	17,500	1,550	72
Wau	Wau	na	225	500	600	200	750	500	200	600	na	150	1,000	1,500	300	6,500	5,500	7,500	1,000	900	166	18,000	2,500	72
Western Equatoria																								
Mundri East	Lui	333	na	na	1,802	na	1,441	1,171	611	1,150	na	150	na	na	425	na	na	na	na	na	na	19,925	2,650	na
Mundri West	Mundri Town	273	324	300	600	378	600	350	300	900	na	100	900	na	250	30,000	4,500	12,500	600	850	116	25,000	2,850	14
Yambio	Yambio Town	na	259	425	450	559	443	430	150	950	na	100	1,500	na	300	na	5,000	6,250	2,000	1,500	78	60,000	4,000	43
Overall median		225	292	595	676	279	711	600	400	1,000	166	146	1,100	1,500	300	5,500	4,625	8,000	1,000	655	103	19,000	2,500	59

MEDIAN STOCK LEVELS PER LOCATION (in days)

County	Location	Sorghum grain	Maize grain	Wheat flour	Rice	Groundnuts (shelled)	Beans	Sugar	Salt	Cooking oil	Soap	Jerry can	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	9	14	na	na	3	21	na	10	na	na	14	na	na	na	na	1	1
Juba	Juba Town	18	11	30	25	na	25	21	22	18	14	46	30	14	60	30	35	na	na	na
	Mangala	na	na	7	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
Kojo Keji	Kojo Keji Town	25	28	na	21	28	25	25	44	29	28	30	90	90	60	na	60	4	4	4
	Leikor Centre	30	26	na	21	28	25	21	21	21	21	30	30	90	30	30	45	na	4	4
Morobo	Morobo Town	na	na	na	10	na	na	14	14	14	21	na	na	22	na	na	na	na	1	2
Yei	Yei Town	10	11	2	5	5	21	5	5	3	5	33	45	18	60	na	45	na	5	4
Eastern Equatoria																				
Kapoeta East	Narus	45	41	14	14	na	18	14	30	11	14	41	30	90	60	90	60	2	5	4
Magwi	Nimule	18	28	18	18	21	18	14	21	14	21	7	60	21	44	25	60	na	62	60
Torit	Torit Town	na	na	33	45	29	45	30	60	60	30	na	na	na	na	na	na	na	30	2
Jonglei																				
Akobo	Akobo Town	90	na	90	90	na	90	60	120	90	120	120	90	na	na	na	60	na	3	3
Fangak	New Fangak	26	21	18	14	na	na	41	12	18	36	na	na	7	na	na	na	30	30	20
Pibor	Pibor Town	na	15	30	15	na	na	24	23	23	25	na	na	na	na	na	na	na	3	2
Twic East	Panyagor	na	na	60	60	na	60	60	60	60	60	na	na	na	na	na	na	na	6	6
Lakes																				
Awerial	Kalthok	na	na	28	30	na	30	60	26	26	21	na	60	30	45	45	na	na	45	30
	Mingkaman	30	na	30	30	na	30	30	30	30	45	30	45	na	37	45	60	5	5	5
Cueibet	Cueibet Town	75	60	na	60	90	na	60	60	60	60	60	60	60	60	90	75	3	2	2
Northern Bahr el Ghazal																				
Aweil Centre	Aweil Town	21	14	21	21	28	14	35	21	14	5	21	14	21	7	6	14	1	4	5
Aweil East	Wanyjok	14	na	21	14	na	21	7	14	14	14	na	7	30	na	41	14	na	5	5
Aweil South	Warawar	3	na	14	na	na	na	21	na	7	7	na	na	na	na	na	na	na	2	na
Aweil North	Ariath	75	na	18	21	26	23	22	na	14	18	18	22	18	56	21	52	1	3	1
	Gok-Machar	59	37	52	14	18	na	48	60	14	14	na	34	7	na	na	na	3	6	2
Aweil West	Marial Baai	11	na	na	11	na	11	14	18	11	7	na	na	90	na	21	14	1	5	1
Aweil South	Malek Alel	21	na	14	14	14	14	21	21	14	14	6	21	21	na	na	na	na	5	5
Aweil West	Nyamlel Town	18	na	6	14	14	2	14	18	14	7	na	7	14	na	na	na	1	1	1
Unity																				
Koch	Koch Town	75	na	75	90	na	26	135	75	60	45	na	60	75	na	na	12	na	3	2
Panyijiar	Ganyel	14	30	21	30	na	30	60	14	21	26	21	30	21	na	30	na	na	4	9
Pariang	Ajuong Thok RC	10	na	21	45	28	21	29	30	28	28	na	25	30	21	na	na	na	na	13
	Jamjang	na	na	21	28	na	18	21	30	21	25	na	na	28	na	na	na	na	na	3
	Pamir RC	na	na	21	29	na	14	29	28	21	25	na	21	25	na	na	na	na	na	3
Rubkona	Bentiu	25	21	21	25	25	28	21	14	21	21	21	18	28	21	28	14	2	9	9
	Bentiu PoC	30	30	na	30	na	na	30	30	na	14	90	na	60	na	21	na	na	2	2
	Rubkona Town	25	21	21	21	28	28	25	na	na	na	na	na	na	na	na	na	2	10	8
Upper Nile																				
Luakpiny Nasir	Jikmir	na	14	na	24	25	150	27	29	15	23	na	150	na	na	na	na	1	6	5
	Kurenge	14	na	37	14	na	na	6	22	3	35	na	na	na	na	na	na	2	2	4
Malakal	Malakal Town	21	30	28	18	21	25	30	29	45	33	28	21	60	60	22	50	5	30	60
Melut	Melut Town	45	na	30	21	na	30	29	26	26	30	30	45	60	na	45	60	5	15	5
Warrap																				
Gogrial East	Luonyaker	6	7	14	18	6	30	26	21	14	26	14	14	22	na	7	30	na	na	na
Gogrial West	Kuajok	6	63	60	14	5	21	60	14	30	21	134	37	55	na	37	105	2	na	na
Tonj North	Warrap	14	18	26	21	14	18	26	21	18	41	22	21	90	60	90	60	2	8	6
Tonj South	Tonj	30	7	7	14	17	30	19	45	7	11	21	60	14	na	75	60	2	6	14
Twic	Turalei	14	14	14	37	41	22	14	14	14	14	14	14	14	14	14	14	na	na	na
Western Bahr el Ghazal																				
Raja	Raja Town	32	10	42	39	na	na	56	48	48	90	7	na	na	90	na	na	na	3	14
Wau	Wau	26	26	21	26	21	26	21	26	26	26	30	30	26	30	30	30	na	30	30
Western Equatoria																				
Mundri East	Lui	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	6
Mundri West	Mundri Town	15	14	2	90	21	na	90	na	na	na	na	na	na	na	na	na	3	4	5
Yambio	Yambio	na	na	11	11	na	7	7	7	7	7	5	na	7	na	na	na	na	25	30

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. 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

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.

- **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
- **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 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 www.bankofsouthsudan.org. The rates from 2 August were used for the calculation of the monthly change.

JMMI OUTPUTS

Factsheets Datasets

2021

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