

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

54,234 SSP

116.97 USD*

9,521 SSP ▼ -15%

Cost of food basket²

38,816 SSP

84.17 USD*

5,018 SSP ▼ -12%

USD/SSP (parallel market)³

466

147 SSP ▼ -24%

USD/SSP (official)⁴

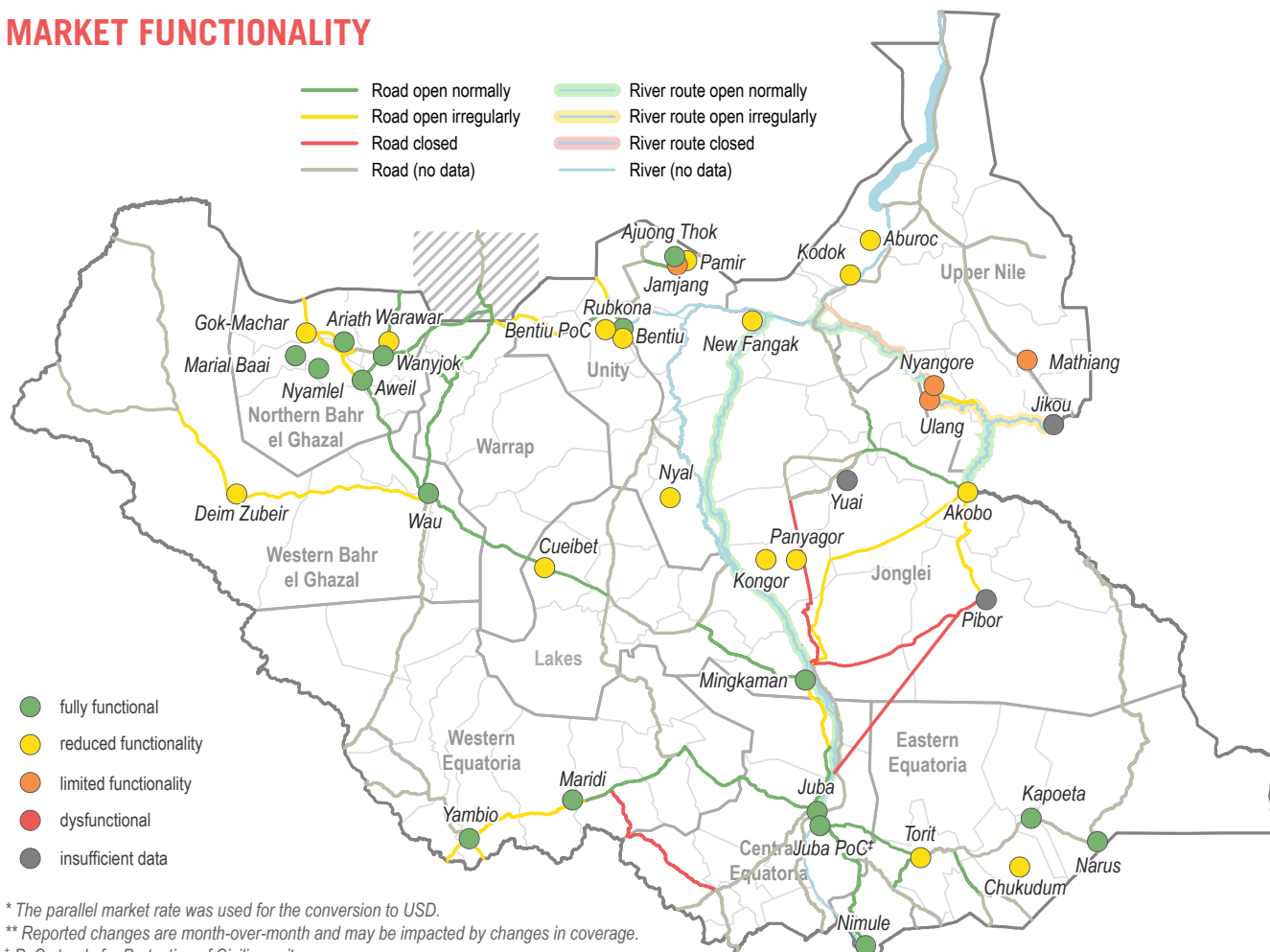
221

33 SSP ▲ +8%

PARTICIPATING AGENCIES

- ACTED
- CAFOD-Trócaire
- CARE
- Caritas
- Church & Development
- Concern
- Cordaid
- DCA
- DRC
- ICPDO
- GOAL
- HARD
- IOM
- Malteser Int.
- IRC
- Nile Hope
- NRDC
- Oxfam
- Plan
- REACH
- Save the Children
- Solidarités
- SPEDP
- Tearfund
- UNHCR
- UNICEF
- UNKEA
- Welthungerhilfe
- Windle Trust Int.
- World Vision

MARKET FUNCTIONALITY



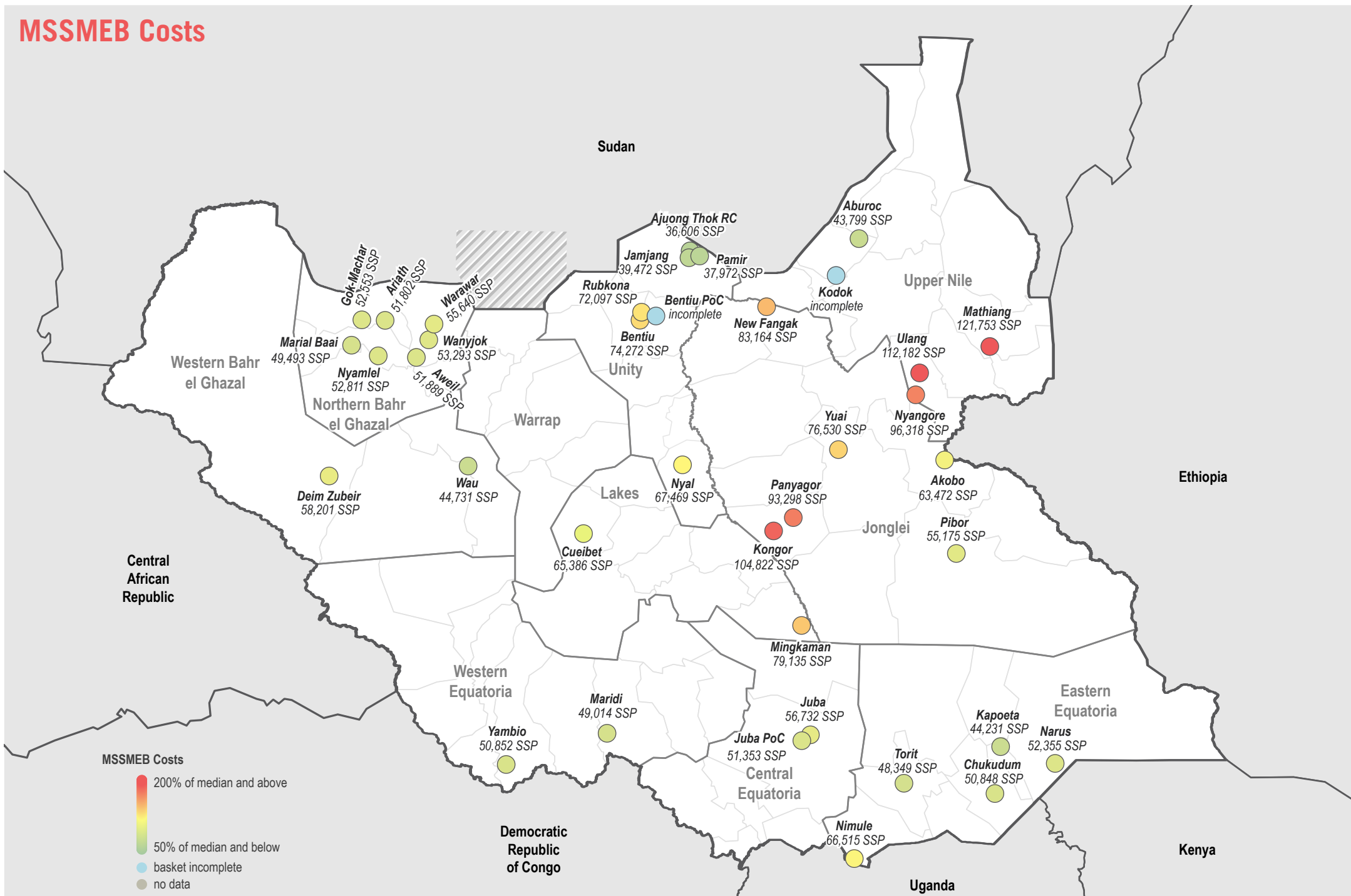
- Road open normally
- Road open irregularly
- Road closed
- Road (no data)
- River route open normally
- River route open irregularly
- River route closed
- River (no data)

- fully functional
- reduced functionality
- limited functionality
- dysfunctional
- insufficient data

* 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 September

- 22 participating agencies[§]
- 39 assessed locations[†]
- 55 assessed marketplaces
- 846 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)

54,234 SSP

116.97 (at parallel market rate)

246.43 (at official rate)

Change since April 2021

9,521 SSP ▼ -15%

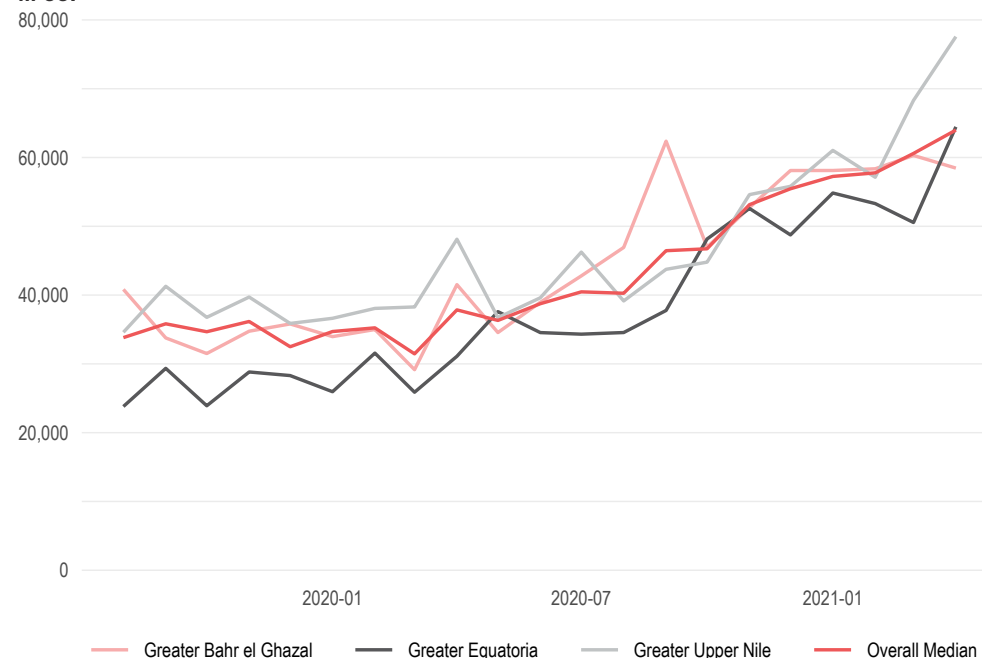
Change since May 2020

18,151 SSP ▲ +49%

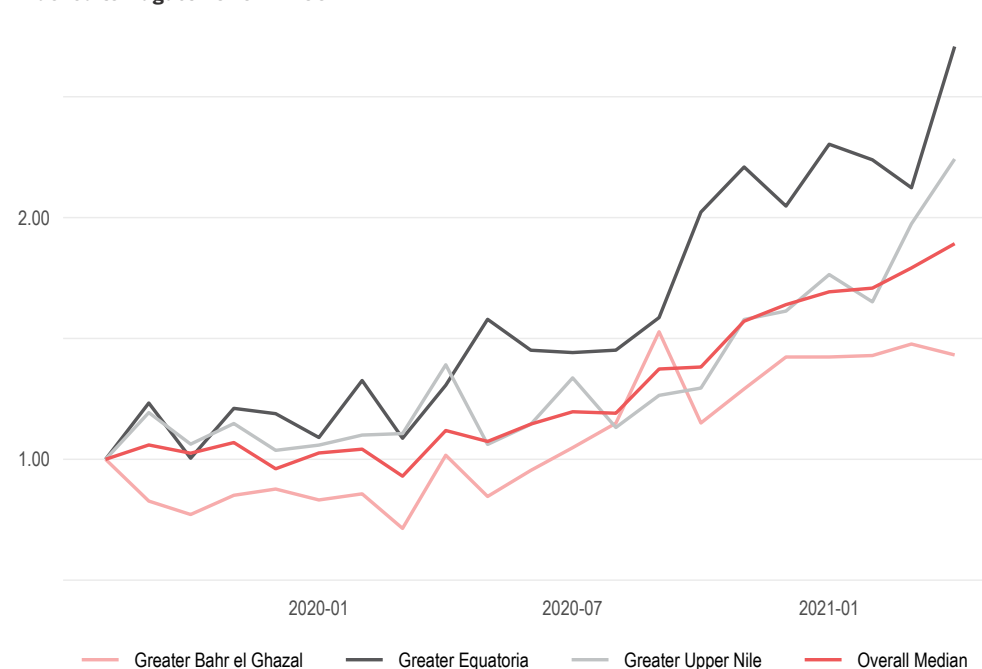
MSSMEB PER LOCATION

County	Location	MSSMEB key items in SSP	Change since April 2021	Change since May 2020	MSSMEB key items in USD [†]
Central Equatoria					
Juba	Juba PoC [§]	51,353	▼ 13%	na	110.29
	Juba Town	56,732	▼ 6%	▲ 8%	122.66
Eastern Equatoria					
Budi	Chukudum	50,848	▼ 26%	▲ 81%	109.20
Kapoeta East	Narus	52,355	na	▼ 11%	111.10
Kapoeta South	Kapoeta Town	44,231	▼ 59%	▲ 22%	93.12
Magwi	Nimule	66,515	▼ 15%	▲ 71%	142.28
Torit	Torit Town	48,349	na	▼ 6%	103.84
Jonglei					
Akobo	Akobo Town	63,472	na	▲ 30%	136.32
Fangak	New Fangak	83,164	na	▼ 6%	182.78
Pibor	Pibor Town	55,175	▼ 7%	na	118.50
Twic East	Kongor	104,822	▲ 4%	▼ 25%	229.12
	Panyagor	93,298	▼ 8%	▲ 148%	215.31
Uror	Yuai	76,530	na	na	164.33
Lakes					
Awerial	Mingkaman	79,135	▲ 15%	▲ 47%	175.86
Cueibet	Cueibet Town	65,386	na	na	142.92
Northern Bahr el Ghazal					
Aweil Centre	Aweil Town	51,889	▼ 14%	▲ 45%	111.56
Aweil East	Wanyjok	53,293	▲ 11%	na	114.45
	Warawar	55,640	▲ 17%	na	119.50
Aweil North	Ariath	51,802	▼ 8%	na	111.25
	Gok-Machar	52,553	▼ 5%	▲ 67%	112.87
Aweil West	Marial Bai	49,493	na	na	107.01
	Nyamlel	52,811	▼ 9%	▲ 73%	110.31
Unity					
Panyijar	Nyal	67,469	▼ 4%	▲ 100%	164.56
Pariang	Ajuong Thok RC	36,606	▲ 18%	▲ 91%	80.90
	Jamjang	39,472	▲ 28%	▲ 71%	84.77
Rubkona	Pamir RC	37,972	▲ 14%	▲ 106%	81.55
	Bentiu	74,272	▼ 7%	▲ 156%	155.14
	Bentiu PoC	na	na	na	na
	Rubkona	72,097	▼ 7%	▲ 103%	154.63
Upper Nile					
Fashoda	Aburoc	43,799	na	na	93.84
	Kodok	na	na	na	na
Longochuk	Mathiang	121,753	▲ 78%	▲ 44%	221.37
Maiwut	Jikou [‡]	na	na	na	na
Ulang	Nyangore	96,318	▲ 17%	na	182.59
	Ulang Town	112,182	▲ 9%	▲ 23%	239.96
Western Bahr el Ghazal					
Raja	Deim Zubeir	58,201	▼ 3%	▼ 50%	125.00
Wau	Wau	44,731	▼ 30%	▲ 3%	97.24
Western Equatoria					
Maridi	Maridi	49,014	na	▲ 82%	102.38
Yambio	Yambio	50,852	▲ 3%	▲ 76%	115.57
Overall		54,234	▼ 15%	▲ 49%	116.48

MSSMEB OVER TIME⁵ in SSP



MSSMEB OVER TIME⁵ Indexed to August 2019 = 1.00⁶



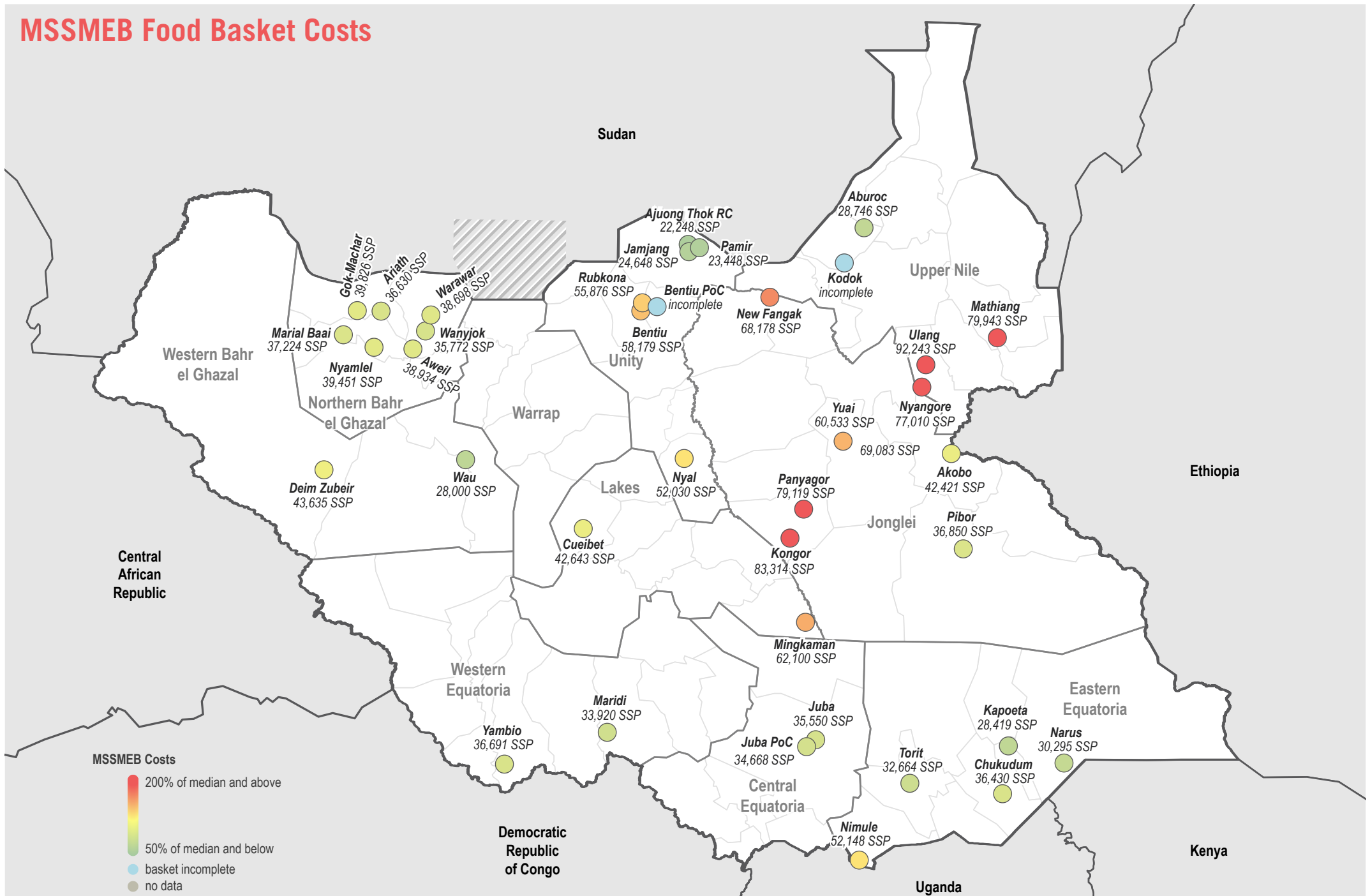
[†] The parallel market rate was used for the conversion to USD.

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

[§] No sorghum nor maize prices were available. No alternate cereal prices were available for Bentiu PoC and Kodok, therefore the MSSMEB has been left blank.

[¶] No sorghum nor maize prices were available. The cereal prices for April were inputted for Pibor and Panyagor.

MSSMEB Food Basket Costs



INDICES PER LOCATION

County	Location	MSSMEB food basket in SSP	Change since April 2021	Change since May 2020	Food price index* in SSP	Change since April 2021	Change since May 2020
Central Equatoria							
Juba	Juba PoC	34,668	▼ 17%	na	3,883	▼ 24%	na
	Juba Town	35,550	▼ 9%	▼ 17%	5,440	▲ 2%	▲ 53%
Eastern Equatoria							
Kapoeta East	chukudum	36,430	▼ 30%	▲ 93%	5,458	▼ 4%	▲ 78%
	Narus	30,295	na	▼ 37%	4,092	na	▲ 23%
Kapoeta South	Kapoeta Town	28,419	▼ 66%	▲ 27%	4,740	▼ 55%	▲ 44%
Magwi	Nimule	52,148	▼ 8%	▲ 72%	6,262	▼ 0%	▲ 70%
Torit	Torit Town	32,664	na	▼ 20%	3,908	na	▲ 47%
Jonglei							
Akobo	Akobo Town	42,421	na	▲ 27%	8,020	na	▲ 86%
Fangak	NewFangak	68,178	▲ 3%	▼ 13%	6,543	▼ 31%	▲ 31%
Pibor	Pibor Town	36,850	▼ 3%	na	6,625	▼ 19%	▲ 95%
Twic East	Kongor	83,314	▲ 1%	na	7,875	▲ 10%	na
	Panyagor	79,119	▼ 0%	▲ 199%	5,876	▼ 2%	▲ 82%
Uror	Yuai	60,533	na	na	6,754	na	na
Lakes							
Awerial	Mingkaman	62,100	▲ 30%	▲ 135%	6,219	▼ 1%	▲ 105%
Cueibet	Cueibet Town	42,643	na	na	5,007	na	na
Northern Bahr el Ghazal							
Aweil Centre	Aweil Town	38,934	▼ 11%	▲ 50%	5,235	▼ 9%	▲ 67%
Aweil East	Wanyjok	35,772	▲ 20%	na	4,670	▲ 34%	na
	Warawar	38,698	▲ 34%	na	5,128	▲ 73%	na
Aweil North	Ariath	36,630	▼ 9%	na	4,614	▼ 10%	na
	Gok-Machar	39,826	▼ 4%	▲ 67%	5,840	▼ 10%	▲ 100%
Aweil West	Marial Baai	37,224	na	na	5,309	na	na
	Nyamlel	39,451	▼ 8%	▲ 85%	5,334	▼ 10%	▲ 71%
Unity							
Panyijiar	Nyal	52,030	▲ 1%	▲ 110%	5,529	▼ 1%	▲ 64%
Pariang	AjuongThok_RC	22,248	▲ 70%	▲ 120%	5,640	▲ 19%	▲ 95%
	Jamjang	24,648	▲ 79%	▲ 75%	6,197	▲ 31%	▲ 93%
	Pamir_RC	23,448	▲ 46%	▲ 148%	5,865	▲ 28%	▲ 113%
Rubkona	Bentiu	58,179	▼ 5%	▲ 218%	7,223	▼ 5%	▲ 83%
	Bentiu_PoC	na	na	na	6,275	▲ 16%	na
	Rubkona Town	55,876	▼ 6%	▲ 128%	7,042	▼ 13%	▲ 86%
Upper Nile							
Fashoda	Aburoc	28,746	na	na	5,990	na	na
	Kodok	na	na	na	5,277	na	na
Longochuk	Mathiang	79,943	▲ 108%	▲ 33%	5,324	▲ 10%	▼ 9%
Maiwut	Jikou	na	na	na	na	na	na
Ulang	Nyangore	77,010	▲ 20%	na	10,007	▲ 41%	na
	Ulang Town	92,243	▲ 13%	▲ 17%	10,604	▲ 9%	▲ 75%
Western Bahr el Ghazal							
Raja	Deim Zubeir	43,635	▲ 1%	▼ 59%	5,678	▼ 7%	▲ 38%
Wau	Wau Town	28,000	▼ 37%	▼ 13%	3,350	▼ 23%	▲ 25%
Western Equatoria							
Maridi	Maridi Town	33,920	na	▲ 109%	6,921	na	▲ 147%
Yambio	Yambio Town	36,691	▲ 16%	▲ 90%	4,890	▲ 4%	▲ 50%
Overall		38,816	▼ 12%	▲ 57%	5,655	▼ 2%	▲ 71%

* 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.

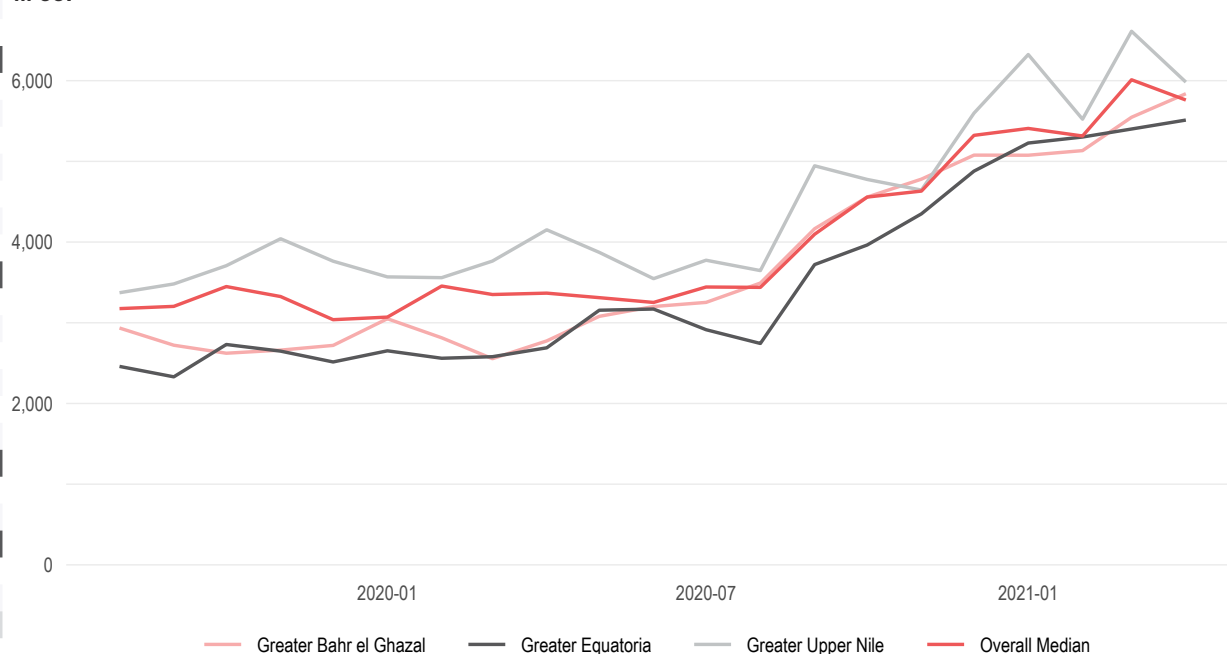
MSSMEB FOOD BASKET OVER TIME⁵

in SSP



FOOD PRICE INDEX OVER TIME⁵

in SSP



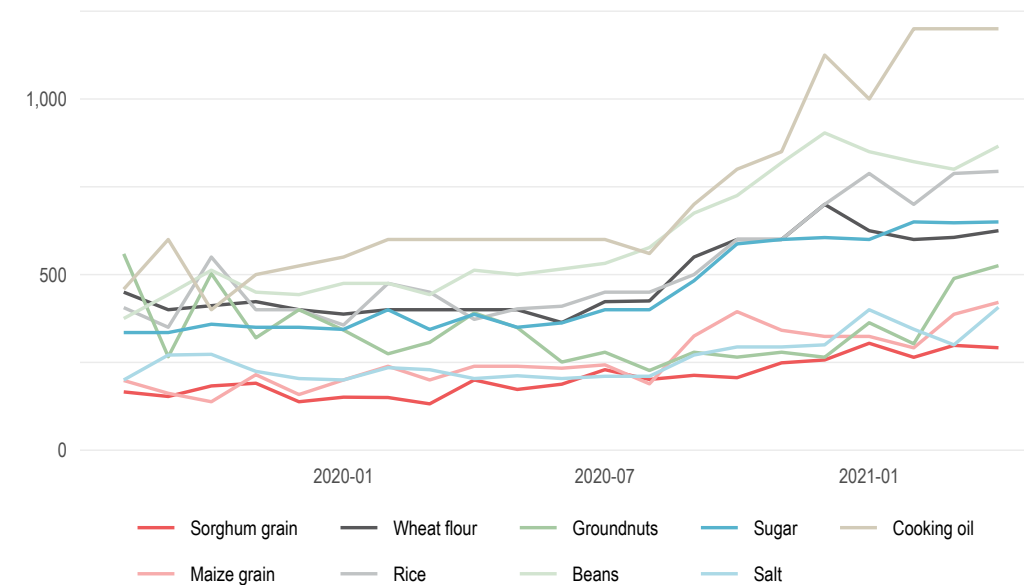
PRICES OF MONITORED ITEMS

Item	Unit	Median price in SSP	Change since April 2021	Change since May 2020	Median price in USD
Food Items					
Sorghum grain	1 kg	257	▼ 12%	▲ 49%	0.55
Maize grain	1 kg	292	▼ 31%	▲ 20%	0.63
Wheat flour	1 kg	700	▲ 12%	▲ 75%	1.50
Rice	1 kg	800	▲ 1%	▲ 99%	1.72
Groundnuts (shelled)	1 kg	426	▼ 19%	▲ 22%	0.91
Beans	1 kg	902	▲ 4%	▲ 80%	1.94
Sugar	1 kg	645	▼ 1%	▲ 84%	1.39
Salt	1 kg	300	▼ 26%	▲ 42%	0.64
Cooking oil	1 L	1,333	▲ 11%	▲ 122%	2.86
Water*	1 L	400	na	na	na
Non-Food Items					
Soap	200 g	133	▼ 11%	▲ 45%	0.29
Jerrycan	1 pc	1,000	▲ 11%	▲ 150%	2.15
Mosquito net	1 pc	1,650	▲ 10%	▲ 10%	3.54
Exercise book	1 pc	300	▲ 9%	▲ 50%	0.64
Blanket	1 pc	5,000	▼ 2%	▲ 33%	10.74
Cooking pot	1 pc	5,375	▲ 19%	▲ 79%	11.54
Plastic sheet	1 pc	7,750	▲ 7%	▲ 55%	16.64
Pole	1 pc	1,075	▼ 14%	▲ 46%	2.31
Firewood	1 bundle	500	► 0%	► 0%	1.07
Charcoal	1 kg	87	▼ 27%	▲ 45%	0.19
Livestock Items					
Goat	1 goat	17,750	▲ 18%	▲ 78%	38.12
Chicken	1 chicken	2,000	► 0%	▲ 38%	4.30
Services					
Milling costs	1 kg	57	▲ 33%	▲ 93%	0.12
Currencies					
US dollar	1 USD	466	▼ 24%	▲ 61%	
Sudanese pound	1 SDG	5.8	▲ 151%	▲ 109%	
Ethiopian birr	1 ETB	37.5	▲ 129%	▲ 152%	
Ugandan shilling	1 UGX	0.133	▼ 68%	▲ 47%	
Kenyan shilling	1 KES	11.000	► 0%	▲ 236%	

* Prices only collected for Juba Town

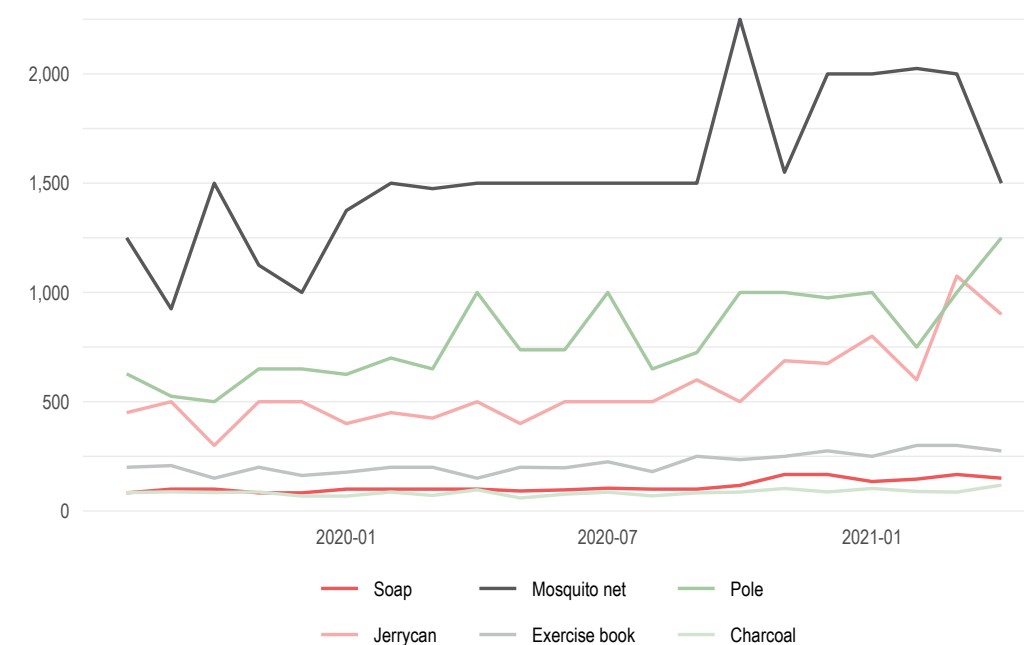
FOOD PRICES OVER TIME

in SSP



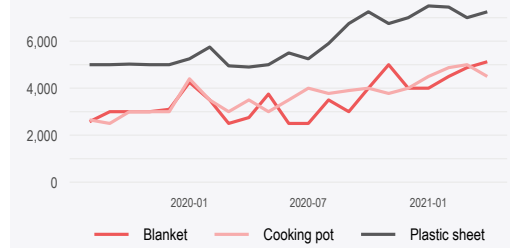
NFI PRICES OVER TIME

in SSP



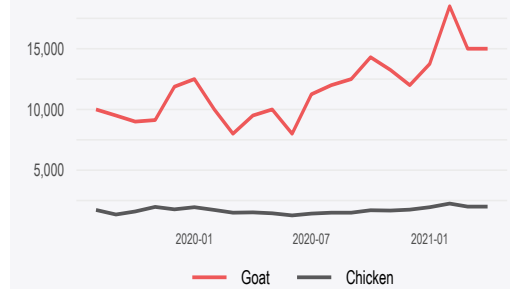
NFI PRICES OVER TIME CONT.

in SSP

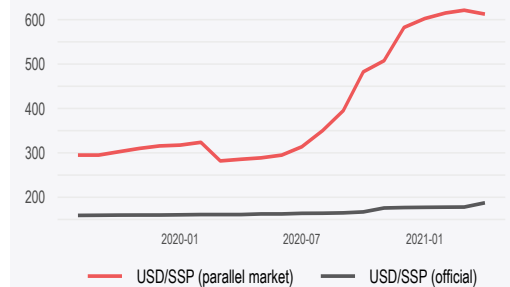


LIVESTOCK PRICES OVER TIME

in SSP



USD EXCHANGE RATE OVER TIME

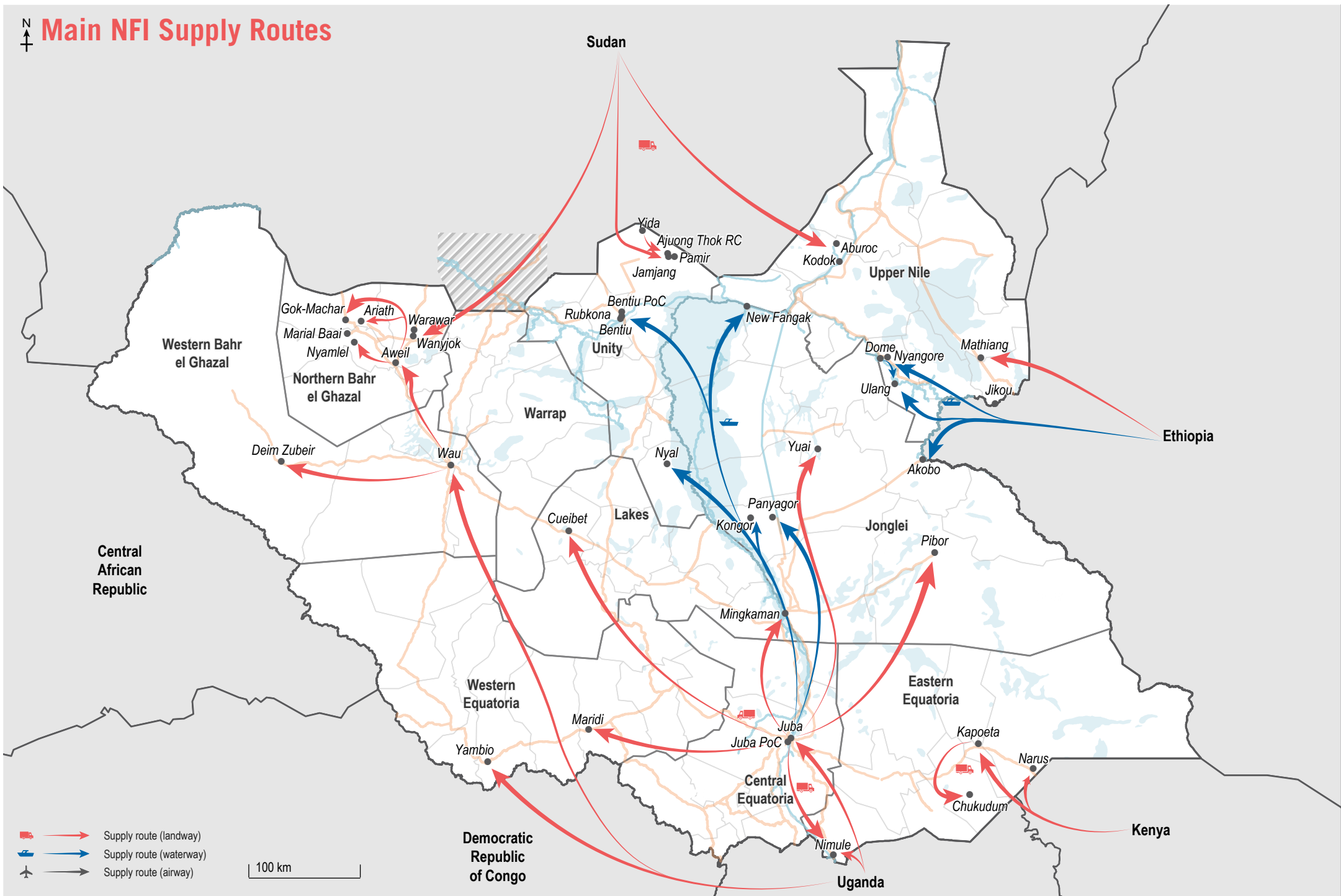


OTHER EXCHANGE RATES OVER TIME

(Parallel market rates)

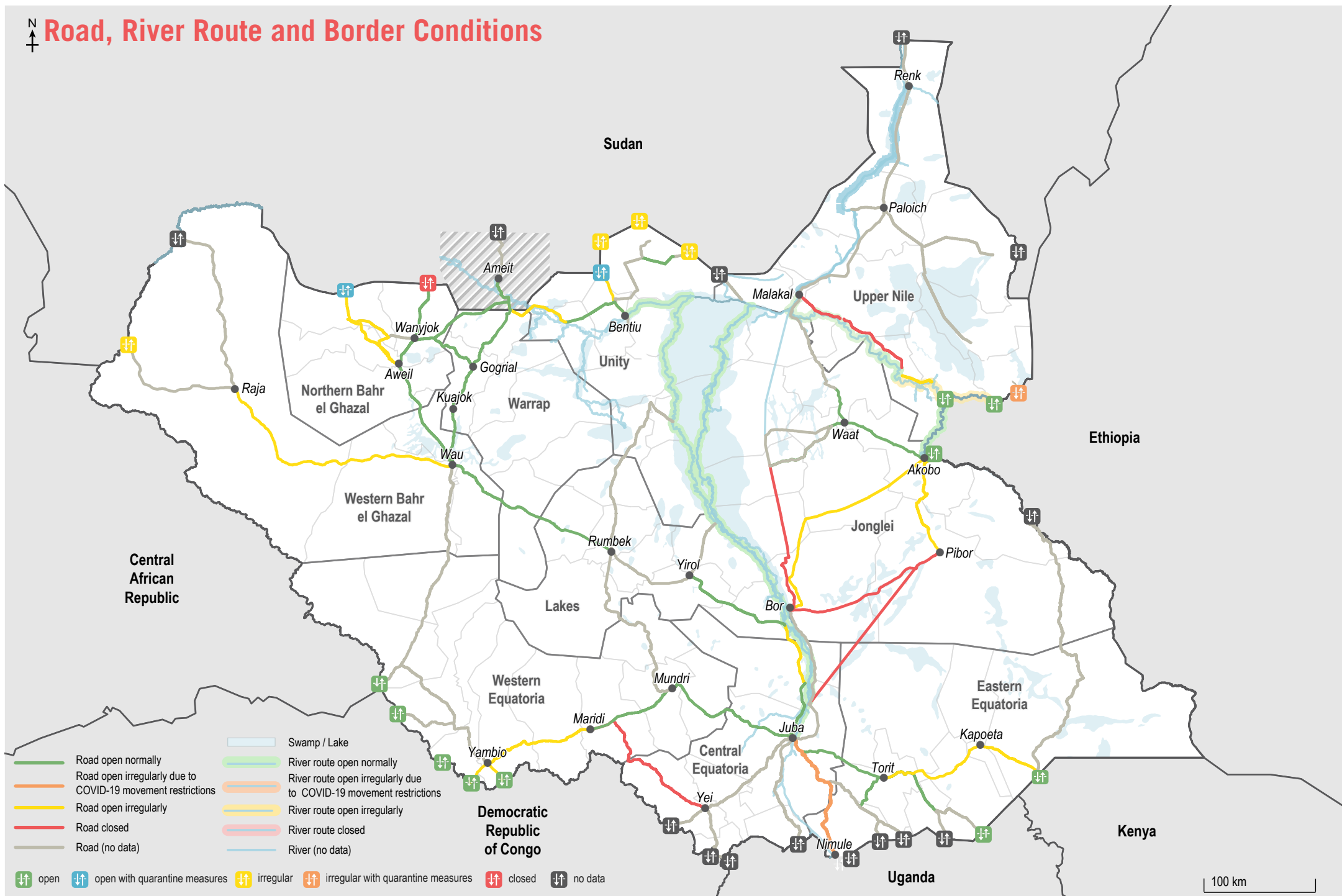


Main NFI Supply Routes



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.

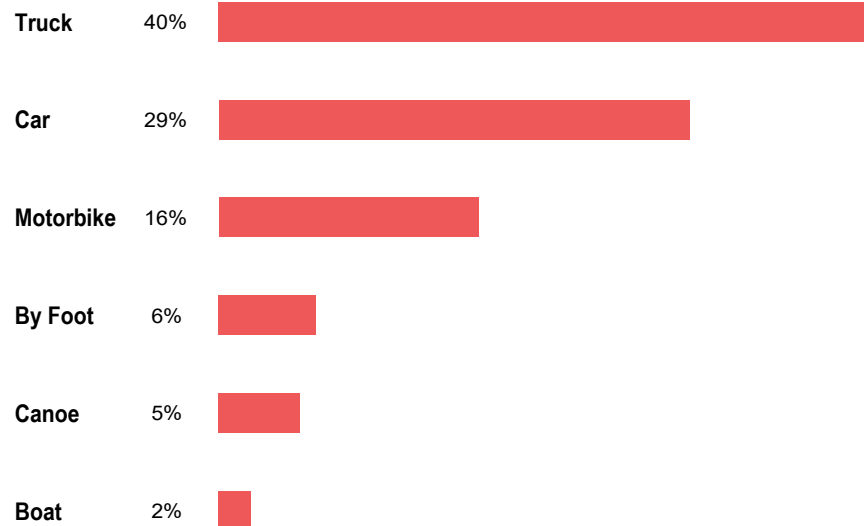
Road, River Route and Border Conditions



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



3 days

median time to restock locally produced cereals from out of town



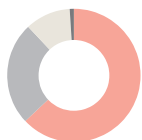
48% of traders reported restocking NFIs from a wholesaler in town

63% of food traders expect price increases

25% of food traders do not expect price changes

11% of food traders expect price decreases

1% of food traders do not have any price expectations



6 days

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

5 days

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



23% of staple cereal traders reported restocking from a local producer

56% of non-food traders expect price increases

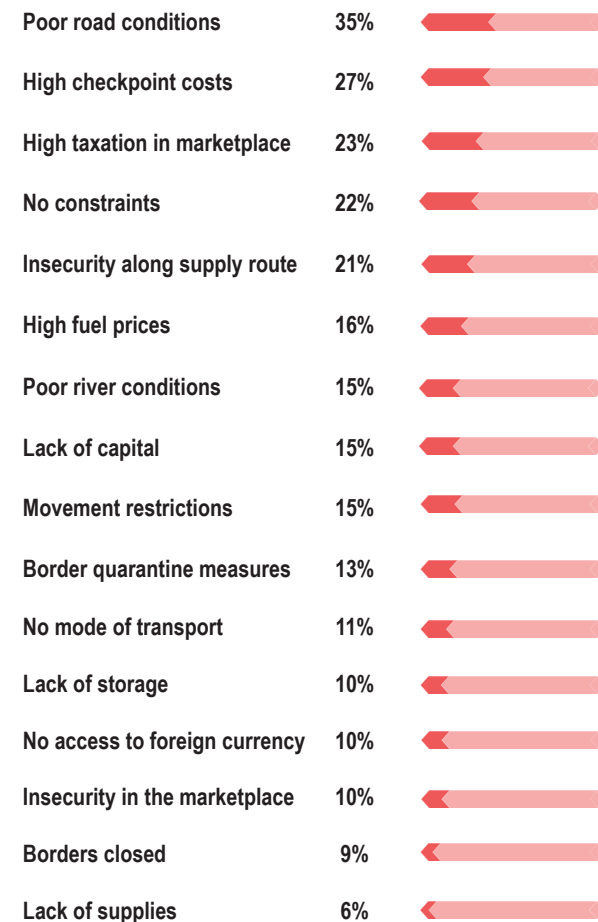
25% of non-food traders do not expect price changes

16% of non-food traders expect price decreases

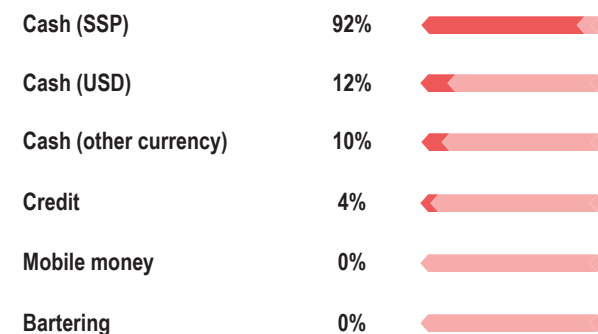
3% of non-food traders do not have any price expectations



Reported restocking constraints*



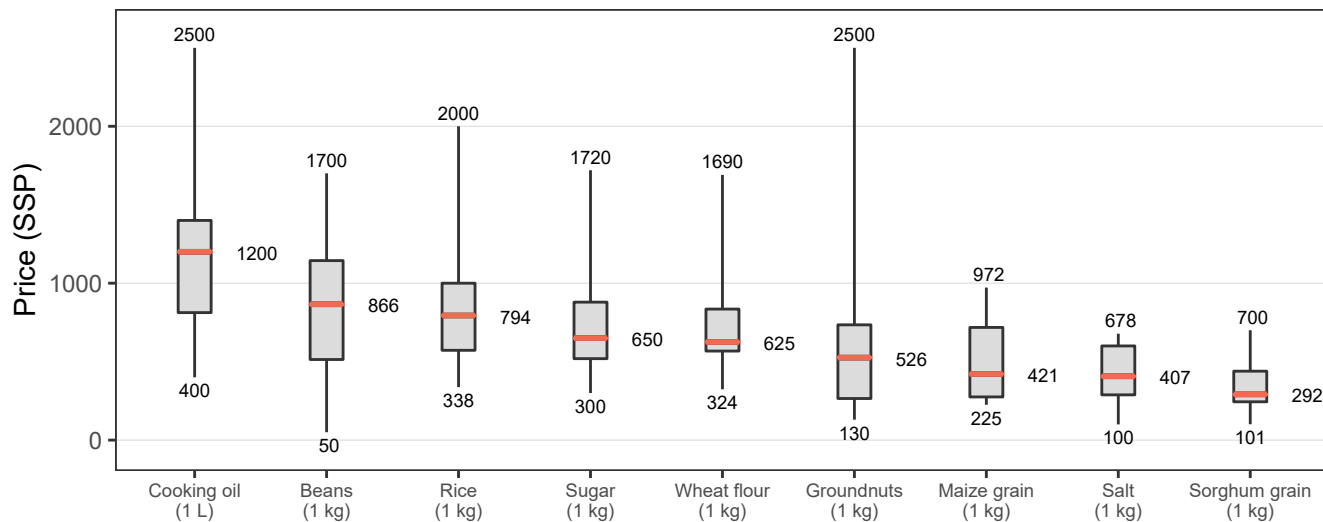
Accepted payment modalities*



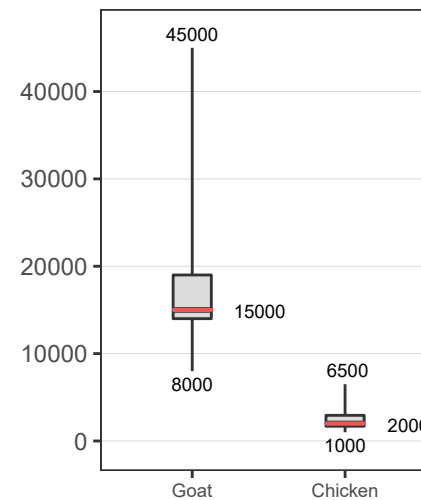
* Values do not add up to 100% as traders were allowed to select multiple options.

Distribution of Prices

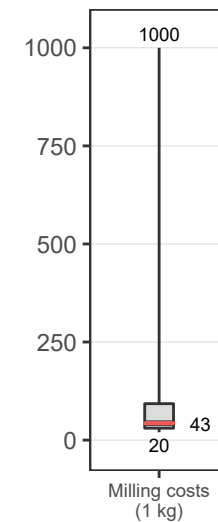
Food Items



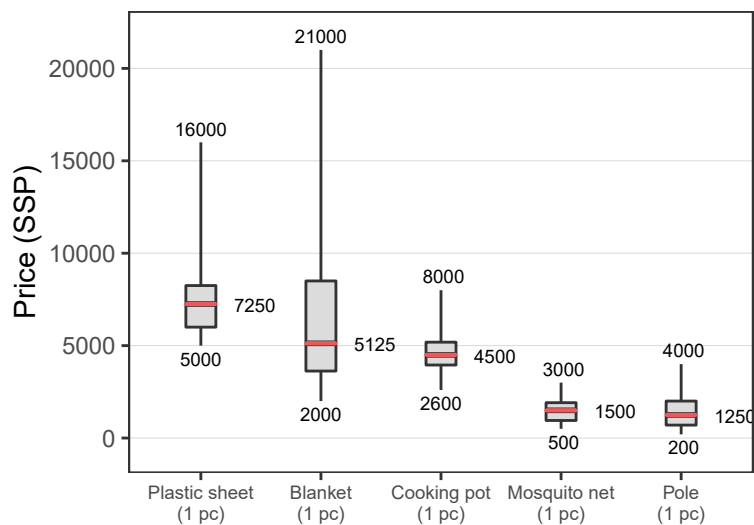
Livestock



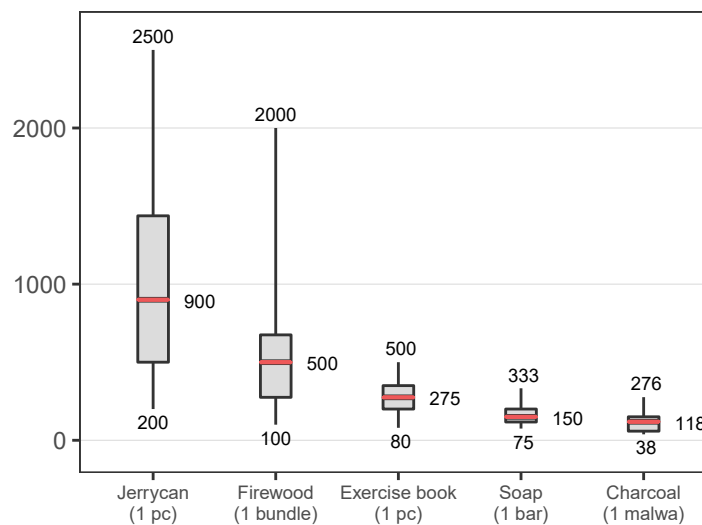
Services



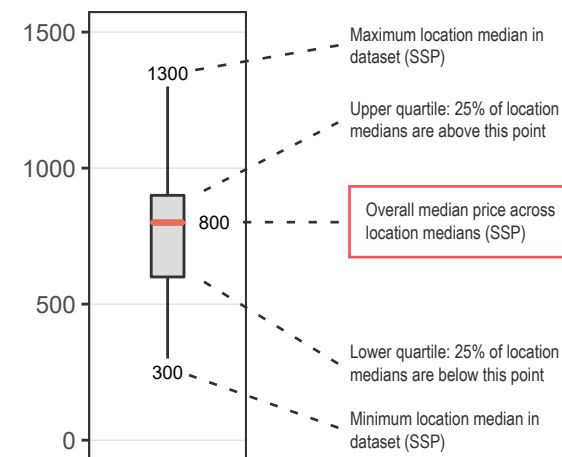
NFIs



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.

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	241	244	na	na	221	300	1,000	na	117	na	na	400	na	na	na	na	na	58	na	na	178	
	Juba Town	400	225	390	825	700	1,000	600	300	1,000	40	117	500	1,775	450	3,500	7,000	6,000	3,250	1,600	232	45,000	6,500	30	
Eastern Equatoria																									
Budi	Chukudum	na	280	600	950	na	270	875	400	1,400	400	133	750	700	200	na	na	8,000	500	na	103	na	na	25	
Kapoeta East	Narus	218	239	500	676	349	665	645	400	400	400	100	1,000	2,500	750	3,000	8,500	8,500	2,500	1,750	138	17,750	2,000	36	
Kapoeta South	Kapoeta Town	179	167	500	901	279	665	645	204	1,200	400	133	600	2,500	300	5,000	5,000	8,000	1,500	1,000	103	30,000	3,000	29	
Magwi	Nimule	377	419	1,127	1,014	489	887	450	500	1,000	na	117	1,000	1,500	165	5,000	4,000	4,500	450	1,250	116	15,000	4,500	30	
Torit	Torit Town	218	243	400	500	303	500	450	294	1,000	na	117	500	5,000	300	6,000	7,000	7,000	1,500	500	87	40,000	5,000	100	
Jonglei																									
Akobo	Akobo Town	202	239	1,408	1,126	na	1,330	1,018	271	2,000	na	350	800	1,500	na	na	na	15,000	700	900	207	na	na	143	
Fangak	New Fangak	464	551	300	300	na	na	300	300	3,000	na	267	na	2,500	na	na	na	na	na	na	52	30,000	2,000	na	
Pibor	Pibor Town	na	na	800	1,000	na	1,000	1,000	250	1,600	na	184	500	800	na	5,000	7,850	na	4,000	250	174	na	na	na	
Twic East	Kongor	754	718	1,408	1,014	978	887	645	271	1,200	na	167	300	3,500	200	3,200	3,750	8,500	2,000	2,250	328	34,000	4,500	na	
	Panyagor	na	na	845	676	na	721	645	814	1,200	na	133	na	na	200	na	na	na	na	300	na	23,500	na	71	
Uror	Yuai	510	324	1,144	916	na	676	874	551	1,333	na	233	300	1,500	na	na	4,000	na	200	500	na	30,000	na	na	
Lakes																									
Awerial	Mingkaman	510	na	750	700	567	800	600	600	1,400	na	167	500	2,250	250	6,000	5,500	10,000	2,250	500	155	30,000	5,000	86	
Cueibet	Cueibet Town	300	300	na	600	180	na	500	325	1,200	na	150	1,550	1,100	850	1,700	7,000	6,750	1,250	725	86	21,500	2,450	150	
Northern Bahr el Ghazal																									
Aweil Centre	Aweil Town	242	235	500	750	454	950	500	204	1,400	na	117	1,500	500	100	10,000	3,500	6,500	na	na	na	na	na	na	65
Aweil East	Wanyjok	242	275	na	600	227	902	600	174	950	na	117	na	na	500	na	5,250	7,000	500	300	81	na	na	na	
	Warawar	257	292	na	700	227	902	600	250	1,200	na	133	na	na	500	na	5,000	na	500	350	58	na	na	na	
Aweil North	Ariath	257	na	600	700	265	1,000	500	300	700	na	133	1,800	na	na	na	na	7,500	1,000	200	83	6,800	1,700	43	
	Gok-Machar	235	na	600	800	492	1,050	600	271	1,500	na	133	1,650	na	150	na	na	na	900	250	66	8,500	2,250	29	
Aweil West	Marial baai	227	na	600	800	246	1,000	600	294	1,250	na	133	2,000	na	125	na	na	7,500	1,000	175	62	na	na	29	
	Nyamlel Town	242	194	600	800	227	1,000	600	271	1,400	na	133	2,000	na	150	5,000	na	7,500	900	275	69	8,000	2,000	65	
Unity																									
Panyijar	Nyal	437	na	500	500	na	400	874	700	1,400	na	225	550	2,250	250	13,500	5,000	5,500	2,000	2,500	121	na	na	na	
Pariang	Ajuong Thok RC	125	na	700	1,200	na	222	675	600	1,400	na	167	na	2,450	300	4,350	na	17,500	2,400	na	57	na	na	43	
	Jamjang	na	na	700	1,200	na	222	700	600	1,800	na	200	na	na	300	na	na	na	na	na	58	1,800	900	43	
	Pamir RC	125	na	700	1,200	na	222	700	600	1,600	na	150	na	na	300	na	na	na	na	na	58	na	na	43	
Rubkona	Bentiu	383	431	845	845	475	1,330	675	339	1,900	na	100	1,900	1,650	325	19,000	10,500	8,000	3,000	600	58	21,500	1,800	200	
	Bentiu_PoC	612	324	381	458	1,000	300	1,400	400	1,400	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
	Rubkona Town	375	413	873	845	426	1,120	694	346	1,950	na	100	2,000	1,550	325	20,000	8,000	8,000	1,750	450	78	26,000	2,250	172	
Upper Nile																									
Fashoda	Aburoc	137	na	1,200	700	na	na	700	na	na	na	300	na	2,500	na	na	7,600	18,000	400	na	43	12,000	1,200	50	
	Kodok	na	na	600	1,000	na	na	700	na	800	na	400	na	1,500	na	na	8,000	16,000	700	na	52	16,000	1,000	64	
Longochuk	Mathiang	681	648	na	315	na	2,000	366	95	93	na	584	na	1,025	na	na	na	na	700	4,250	829	15,500	1,050	na	
Maiwut	Jikou	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	
Ulang	Nyangore	546	486	1,408	1,689	na	1,330	1,222	na	2,600	na	267	1,800	1,000	na	3,000	4,000	10,000	1,600	800	155	8,250	1,400	na	
	Ulang Town	683	1,134	1,690	na	na	1,774	1,290	407	2,400	na	200	1,500	2,500	300	4,000	na	8,000	2,500	1,000	207	11,000	1,000	115	
Western Bahr el Ghazal																									
Raja	Deim Zubeir	273	130	700	700	na	na	600	147	1,800	na	167	250	na	na	na	na	na	na	na	52	16,000	na	57	
Wau	Wau Town	250	300	500	600	200	250	500	250	500	na	133	1,000	1,500	210	5,100	4,100	7,250	425	350	166	15,500	2,000	72	
Western Equatoria																									
Maridi	Maridi Town	157	167	1,268	879	838	1,386	807	421	1,000	na	167	750	3,650	190	3,800	7,500	7,500	750	600	116	20,000	3,000	23	
Yambio	Yambio Town	na	259	na	676	559	1,109	430	400	500	na	117	1,100	na	200	na	5,000	7,500	1,150	500	103	na	4,000	57	
Overall median		257	292	700	800	426	902	645	300	1,333	400	133	1,000	1,650	300	5,000	5,375	7,750	1,075	500	87	17,750	2,000	57	

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

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	14	14	na	na	14	18	16	17	na	na	14	na	na	na	3	3	4
	Juba Town	14	14	30	48	56	60	14	14	21	60	75	90	26	35	42	60	na	7	8
Eastern Equatoria																				
Budi	Chukudum	na	21	28	39	na	21	18	25	14	29	32	350	98	na	na	21	na	5	6
Kapoeta East	Narus	30	60	14	14	21	21	14	18	14	15	30	30	75	60	75	30	5	4	5
Kapoeta South	Kapoeta Town	60	30	21	14	45	45	14	26	14	21	26	26	21	60	30	21	na	5	5
Magwi	Nimule	4	5	5	7	11	6	5	5	6	6	7	37	25	90	120	41	4	1	2
Torit	Torit Town	30	147	30	30	21	48	30	21	119	30	30	135	90	165	120	75	na	30	14
Jonglei																				
Akobo	Akobo Town	14	7	18	14	na	6	14	14	18	14	5	14	na	na	na	5	na	5	6
Fangak	New Fangak	18	11	14	7	na	na	11	14	7	18	na	22	na	na	na	na	5	4	5
Pibor	Pibor Town	na	na	90	60	na	60	120	120	90	120	180	21	na	60	86	na	na	5	5
Twic East	Kongor	41	41	21	14	21	18	37	21	60	18	21	21	21	21	56	21	4	1	2
	Panyangor	na	na	60	60	na	60	60	60	90	60	na	na	90	na	na	na	na	30	14
	Yuai	60	60	75	120	na	90	75	75	105	105	60	90	na	na	120	na	3	14	9
Lakes																				
Awerial	Mingkaman	30	na	30	30	30	30	30	30	30	30	30	30	30	30	30	30	5	6	5
Cueibet	Cueibet Town	60	60	na	45	90	na	90	90	60	75	90	60	60	60	60	60	na	3	2
Northern Bahr el Ghazal																				
Aweil Centre	Aweil Town	43	35	32	39	30	29	75	60	25	60	30	30	47	90	105	60	na	na	na
Aweil East	Wanyjok	7	14	na	21	14	21	14	21	18	52	na	na	21	na	75	37	na	na	7
	Warawar	60	90	na	14	21	90	21	60	7	35	na	na	120	na	60	na	na	na	7
Aweil North	Ariath	5	na	11	14	7	21	21	21	41	17	14	na	na	na	na	90	na	na	na
	Gok-Machar	30	na	39	39	42	21	60	75	36	135	18	na	45	na	na	na	na	na	na
Aweil West	Marial Baai	21	na	29	32	28	32	55	105	35	90	11	na	92	na	na	46	na	na	na
	Nyamlel	33	21	42	36	28	32	21	62	39	75	14	na	120	30	na	21	na	na	na
Unity																				
Panyijar	Nyal	30	na	30	60	na	30	30	60	30	30	60	30	30	60	60	30	na	5	6
Pariang	Juong Thok_RC	21	na	28	30	na	21	33	45	29	29	na	30	60	28	na	21	3	19	na
	Jamjang	na	na	25	30	na	21	28	30	21	30	na	na	26	na	na	na	na	na	1
	Pamir_RC	25	na	28	33	na	28	30	45	29	30	na	na	32	na	na	na	2	na	2
Rubkona	Bentiu	21	14	21	21	21	25	21	14	21	21	12	18	21	21	28	12	1	6	6
	Bentiu_PoC	14	14	14	14	16	44	14	45	14	na	na	na	na	na	na	na	4	2	na
	Rubkona Town	21	14	21	21	21	21	21	21	14	21	14	21	21	18	29	11	2	6	5
Upper Nile																				
Fashoda	Aburoc	240	na	240	270	na	na	270	na	na	270	na	120	na	na	270	270	1	4	4
	Kodok	na	na	180	240	na	na	270	na	270	240	na	270	na	na	270	270	1	4	4
Longochuk	Mathiang	14	34	na	21	na	14	60	21	10	41	na	52	na	na	na	na	15	16	11
Maiwut	Jikou	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	2	na
Ulang	Nyangore	7	14	7	6	na	7	14	na	na	na	na	na	na	na	na	na	na	7	8
	Ulang Town	30	30	7	7	na	7	7	na	na	na	na	na	na	na	na	na	na	na	na
Western Bahr el Ghazal																				
Raja	Deim Zubeir	18	14	26	45	na	na	30	na	na	na	na	na	na	na	na	na	na	1	1
Wau	Wau Town	26	30	26	26	26	26	26	na	na	na	na	na	na	na	na	na	na	28	28
Western Equatoria																				
Mardi	Maridi Town	na	na	na	na	60	na	na	na	na	na	na	na	na	na	na	na	na	na	na
5	Yambio Town	na	2	na	5	3	11	3	na	na	na	na	na	na	na	na	na	na	30	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. 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
- **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 (2021, May 3). Retrieved from www.bankofsouthsudan.org. The rates from 3 May were used for the calculation of the monthly change.

JMMI OUTPUTS

Factsheets Datasets

2021

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

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.