

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

50,172 SSP

115.34 USD*

change since March 2022

+ 2,483 SSP ▲+5%

Cost of food basket²

37,504 SSP

86.22 USD*

change since March 2021

+ 3,048 SSP ▲+9%

USD/SSP
(official)⁴

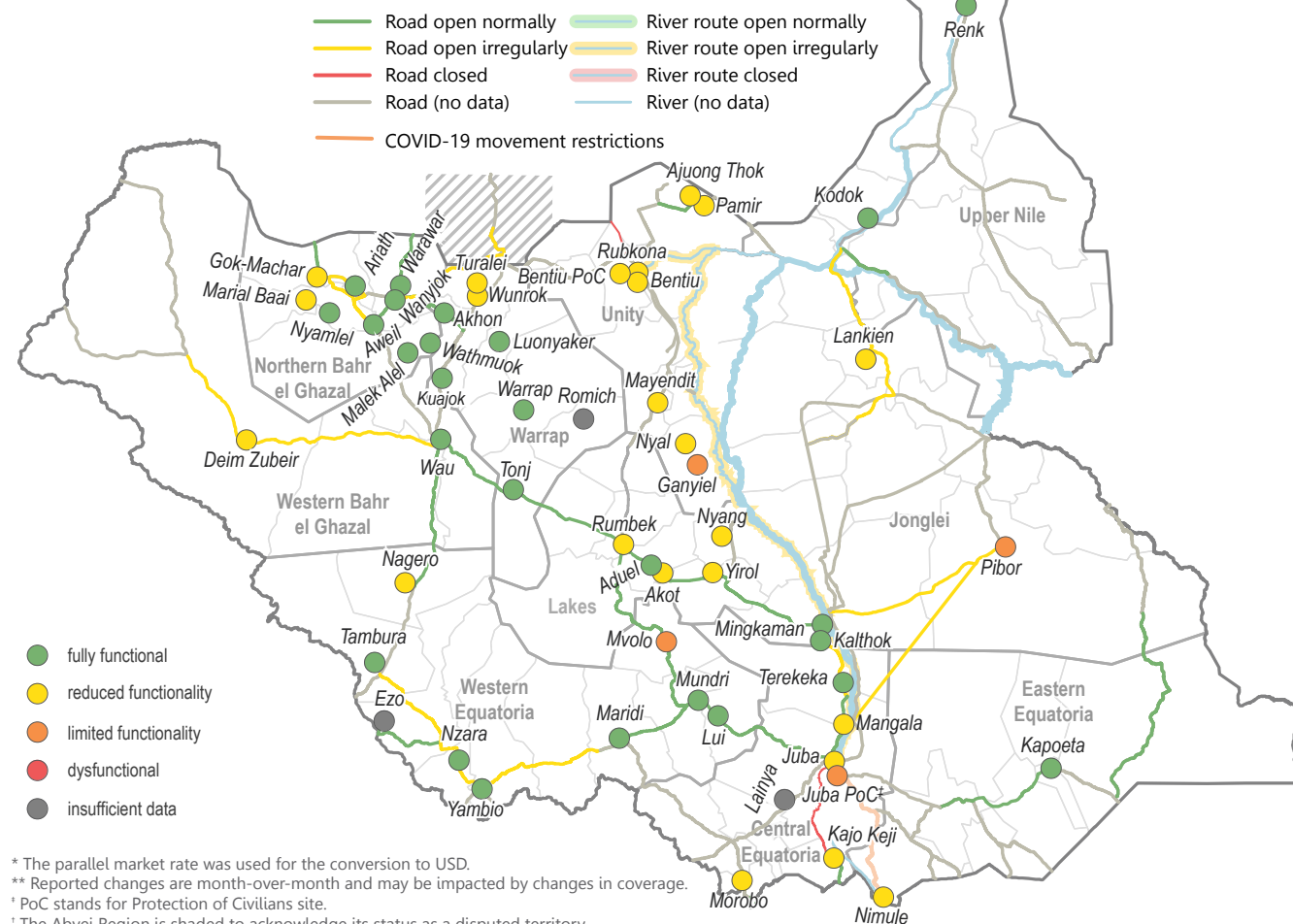
429

-1 SSP ▼0%

PARTICIPATING AGENCIES

Cina
Concern
Cordaid
DCA
DRC
IOM
IRC
LDO
Malter International
NPA
NRDC
Oxfam
REACH
SPEDP
SSGID
STO
Tearfund
UNHCR
WADA
Welthungerhilfe

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.

¹ PoC stands for Protection of Civilians site.

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

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

19 participating agencies³

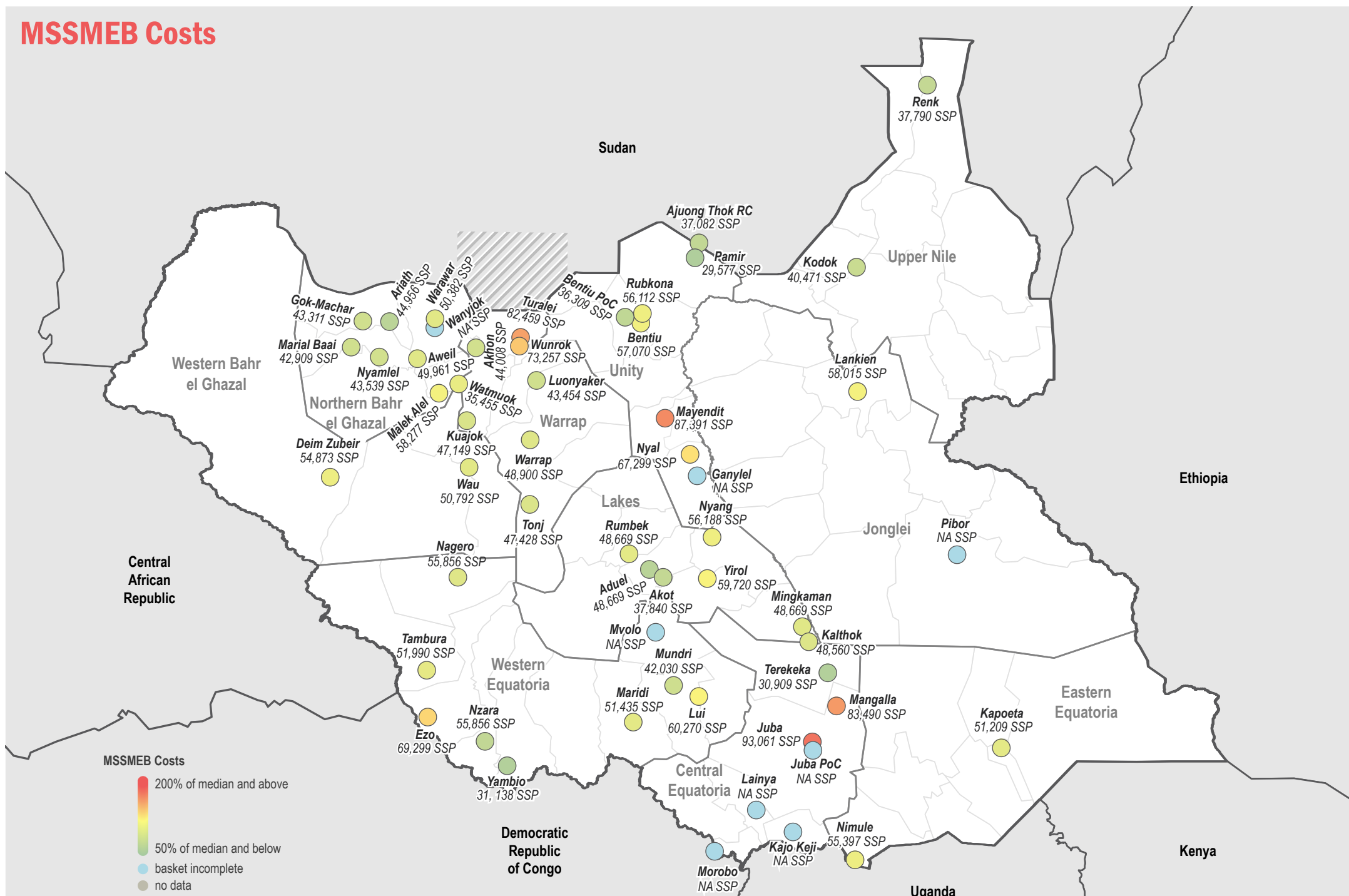
56 assessed locations⁺

80 assessed marketplaces

1120 key informants

21 assessed commodities

MSSMEB Costs



MSSMEB CONTENTS

Food Items

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

NFIs (monthly)

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

NFIs (one-off)*

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

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)

50,172 SSP

Change since March 2022

+2,483 SSP ▲+5%

Change since March 2021

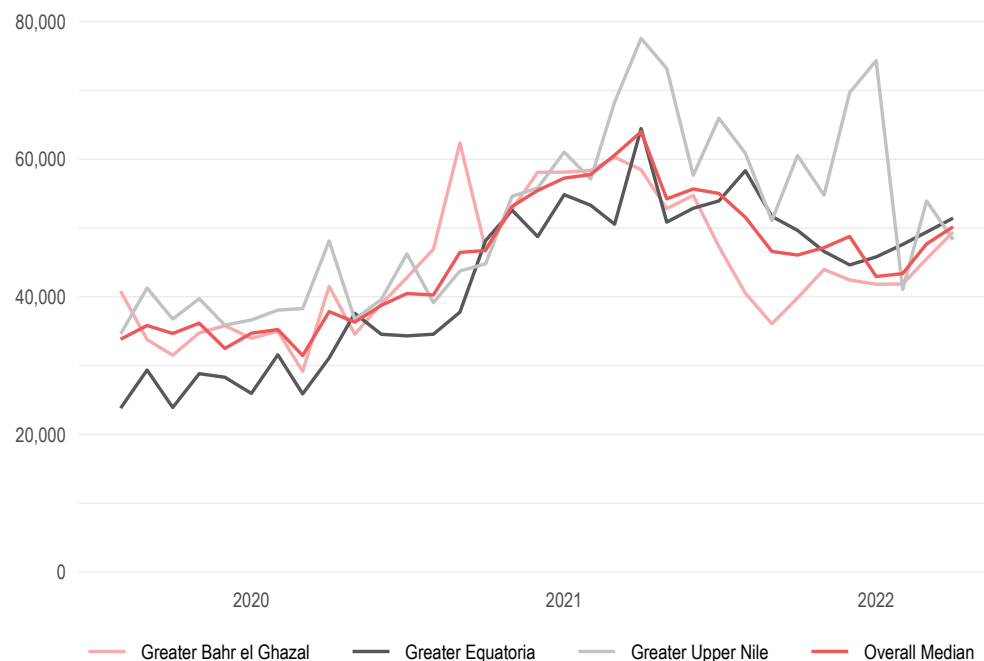
+3,048 SSP ▲+9%

MSSMEB PER LOCATION

County	Location	MSSMEB key items in SSP	Change since Feb 2022	Change since March 2021	MSSMEB key items in USD†
Central Equatoria					
Juba	Juba PoC §	na	na	na	na
	Juba Town	93,063	▲15%	▲54%	217.69
	Mangala	83,490	▲38%	na	191.69
Kajo Keji	KajoKeji Town	na	na	na	na
Lainya	Lainya Town	na	na	na	na
Morobo	Morobo Town	na	na	na	na
Terekeka	Terekeka	30,909	▼14%	na	71.06
Eastern Equatoria					
Kapoeta South	Kapoeta Town	51,209	▲5%	▼52%	116.05
	Nimule	55,397	▲2%	▼29%	127.35
Jonglei					
Nyiröl	Lankien	58,015	▲2%	na	133.37
Pibor	Pibor Town	na	na	na	na
Lakes					
Awerial	Kalthok	48,560	▲28%	na	111.63
	Mingkaman	48,669	▲4%	▼27%	120.90
Rumbek Centr	Rumbek Town	48,669	▼8%	na	117.57
Rumbek East	Aduel	48,669	na	na	77.06
	Akot	37,840	▲11%	na	86.99
Yirol East	Nyang	56,188	▼14%	na	129.17
Yirol West	Yirol Town	59,720	▲3%	na	137.29
Northern Bahr el Ghazal					
Aweil Centre	Aweil Town	49,961	▲11%	▼17%	114.20
	Wanyjok	na	na	na	na
Aweil East	Warawar	50,382	▲13%	▲6%	114.50
	Ariath	44,956	▼5%	▼40%	77.74
Aweil North	Gok Machar	43,311	▲18%	▼22%	99.57
	Malek Alel	58,277	▲37%	na	132.45
Aweil South	Watmuok	35,455	▲35%	na	121.05
	Marial Baai	42,909	▲28%	▼27%	96.42
Aweil West	Nyamlel Town	43,539	▲19%	▼25%	98.67
Unity					
Mayendit	Mayendit	87,391	na	na	200.90
Panyijiar	Ganyel	na	na	na	na
	Nyal	67,299	na	▼4%	160.24
Pariang	Ajuong Thok	37,082	▲23%	▲20%	85.25
	Pamir RC	29,577	▼2%	▼11%	67.99
Rubkona	Bentiu Town	57,070	▼3%	▼28%	131.19
	Bentiu PoC§	36,309	na	▼48%	85.43
	Rubkona Town	56,112	▲1%	▼28%	131.26
Upper Nile					
Fashoda	Kodok	40,471	na	na	96.36
Renk	Renk Town	37,790	▼23%	na	86.87
Warrap					
Gogrial East	Luonyaker	43,454	▼7%	na	99.89
Gogrial West	Akhon Town	44,008	na	na	101.17
	Kuajok	47,149	▲0%	na	108.39
Tonj North	Warrap Town	48,900	▲5%	na	112.41
Tonj South	Tonj Town	47,428	▲3%	na	109.03
Twic	Turalei	82,459	▲33%	na	189.56
	Wunrok	73,257	▲20%	na	166.49
Western Bahr el Ghazal					
Raja	Deim Zubeir	54,873	na	▼9%	103.88
Wau	Wau	50,792	▼6%	▼21%	100.61
Western Equatoria					
Ezo	Ezo Town	69,299	▲39%	na	159.31
Maridi	Maridi Town	51,435	▲1%	na	118.24
Mundri East	Lui	60,270	▲31%	na	138.55
Mundri West	Mundri Town	42,030	▼15%	na	96.62
Mvolo	Mvolo Town	na	na	na	na
Nagero	Nagero Town	55,856	▼1%	na	120.79
Nazara	Nzara TwN	55,856	▲29%	na	84.27
Tambura	Tambura Town	51,990	▲28%	na	119.52
Yambio	Yambio Town	31,138	▼5%	▼37%	71.38
Overall		50,172	▲5%	▼22%	115.34

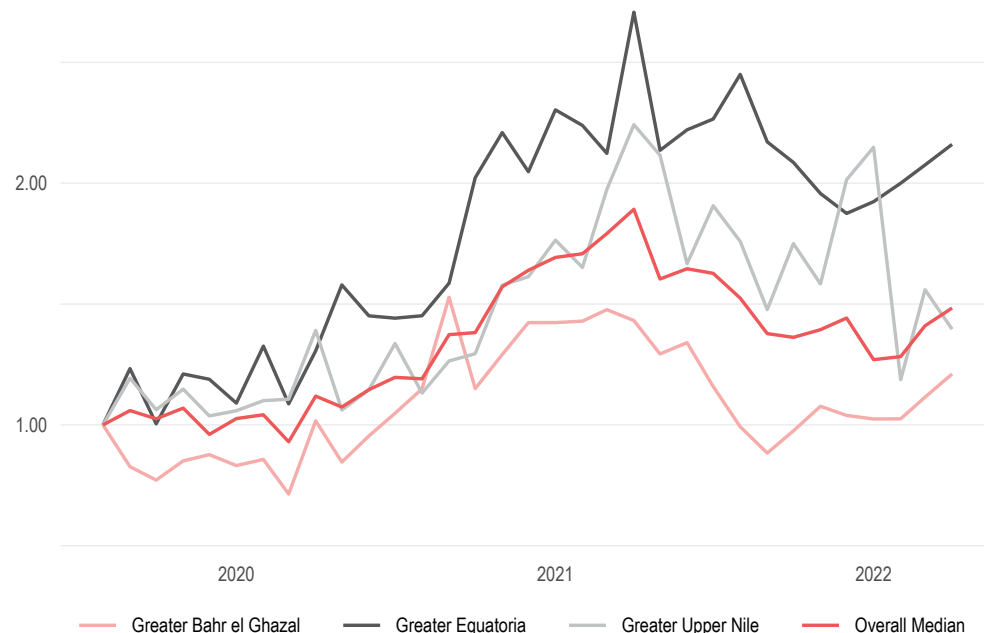
MSSMEB OVER TIME⁵

Aug 2019 - April 2022 in SSP



MSSMEB OVER TIME⁵

Indexed to August 2019 = 1.00⁶



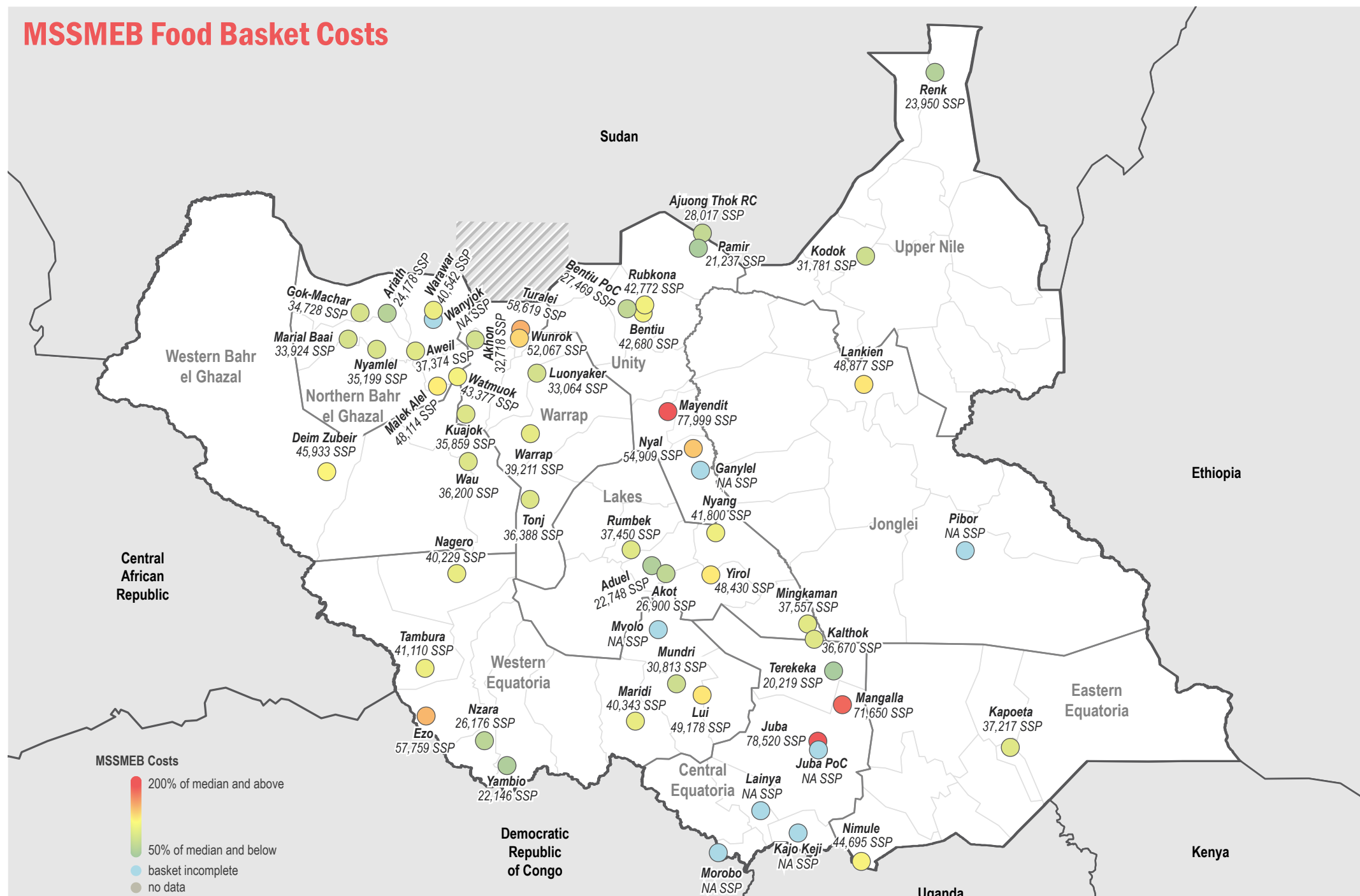
† The parallel market rate was used for the conversion to USD.

‡ 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 Juba PoC and Koch, therefore the MSSMEB has been left blank.

|| No sorghum nor maize prices were available. The cereal prices for September were inputted for Bor PoC.

MSSMEB Food Basket Costs



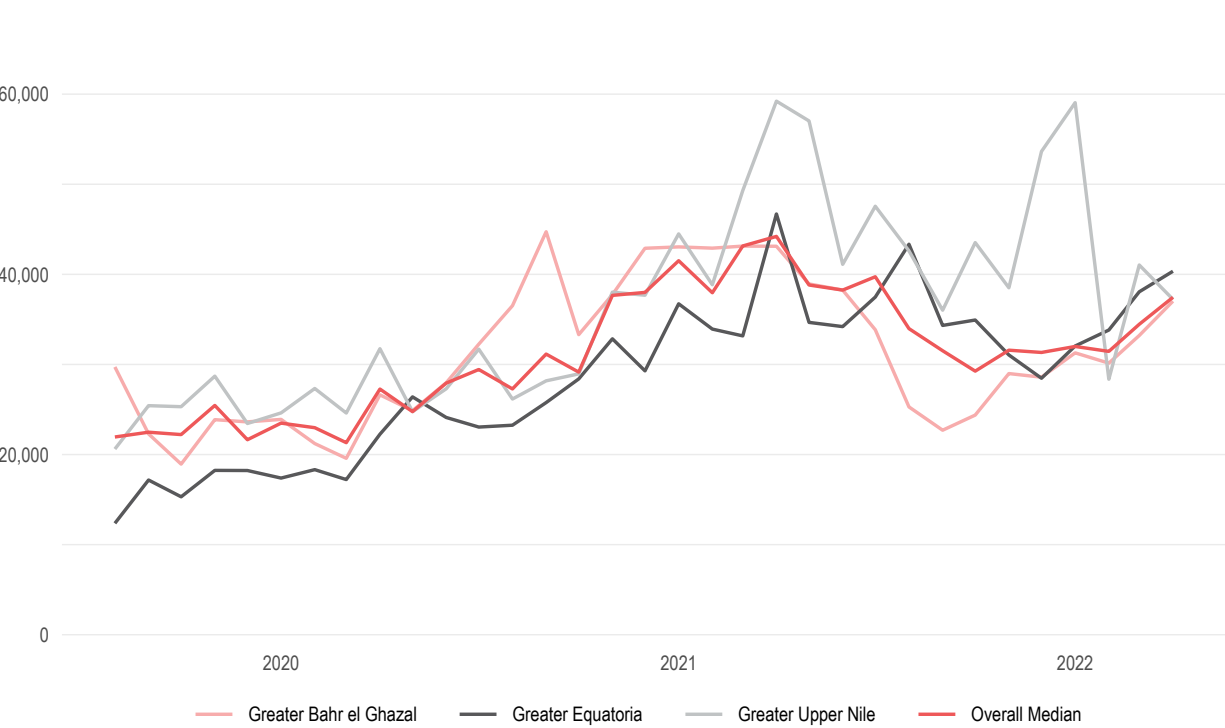
INDICES PER LOCATION

County	Location	MSSMEB food basket in SSP	Change since Feb 2022	Change since Mar 2021	Food price index* in SSP	Change since Feb 2022	Change since Mar 2021
Central Equatoria							
Juba	Juba PoC	na	na	na	4,513	▲ 31%	▼ 11%
	Juba Town	78,520	na	na	5,673	na	na
	Mangala	71,650	na	na	5,851	na	na
Kajo Keji	Kajo Keji Town	na	na	na	3,716	na	na
Lainya	Lainya Town	na	na	na	5,199	na	na
Morobo	Morobo Town	na	na	na	4,216	▼ 2%	na
Terekeka	Terekeka Town	20,219	▼ 15%	na	2,355	▼ 14%	na
Eastern Equatoria							
Kapoeta South	Kapoeta Town	37,217	▲ 9%	▼ 55%	4,794	▲ 7%	▲ 9%
Nimule	Nimule	44,695	► 0%	▼ 21%	4,977	▼ 14%	▼ 21%
Jonglei							
Nyiröl	Lankien	48,877	▲ 20%	na	3,641	▲ 11%	na
Pibor	Pibor Town	na	na	na	4,679	▼ 12%	▼ 43%
Lakes							
Awerial	Kalthok	36,670	▲ 36%	na	4,279	▲ 1%	na
	Mingkaman	37,557	na	na	4,569	na	na
	Rumbek Town	37,450	▲ 2%	na	4,699	▼ 3%	na
Rumbek East	Adule	22,748	na	na	3,984	na	na
	Akot	26,900	na	na	4,893	na	na
Yirol East	Nyang	41,800	▼ 22%	na	3,122	▼ 7%	na
Yirol West	Nyiröl Town	48,430	▲ 5%	na	4,121	▲ 27%	na
Northern Bahr el Ghazal							
Aweil Centre	Aweil Town	37,374	▲ 5%	▼ 15%	4,438	▲ 2%	▼ 23%
Aweil East	Wanyjok	na	na	na	4,653	▼ 1%	▲ 33%
	Warawar	40,542	na	na	5,103	na	na
	Ariath	24,178	▼ 11%	▼ 40%	3,450	▼ 17%	▼ 33%
Aweil North	Gok-Machar	34,728	na	na	4,825	na	na
	MalekAlel	48,114	▲ 48%	na	5,288	▲ 14%	na
Aweil South	Watmuok	43,377	na	na	5,268	na	na
	Marial Baai	33,924	▲ 34%	▼ 23%	4,855	▲ 10%	▼ 24%
Aweil West	Nyamlel Town	35,199	na	na	4,762	na	na
Unity							
Mayendit	Mayendit Town	77,999	na	na	6,180	▲ 20%	na
Panyijiar	Ganylel	na	na	na	5,484	▲ 21%	na
	Nyal	54,909	na	na	6,091	na	na
Pariang	AjuongThok RC	28,017	▲ 28%	▲ 114%	5,670	▲ 9%	▲ 20%
	Pamir RC	21,237	na	na	4,314	na	na
Rubkona	Bentiu	42,680	▼ 5%	▼ 31%	6,900	▲ 18%	▼ 9%
	Bentiu PoC	27,469	na	na	4,238	na	na
	Rubkona Town	42,772	na	na	5,838	na	na
Upper Nile							
Fashoda	Kodok	31,781	na	na	4,938	na	na
Renk	Renk Town	23,950	▼ 25%	na	3,418	▼ 9%	na
Warrap							
Gogrial East	Luonyaker	33,064	▲ 1%	na	4,187	▼ 4%	na
Gogrial West	Akhon	32,718	na	na	3,920	na	na
	Kuajok	35,859	na	na	4,064	na	na
Tonj North	Warrap Twon	39,211	▲ 15%	na	4,622	▲ 1%	na
Tonj South	Tonj Town	36,388	▲ 14%	na	4,825	▲ 12%	na
Twic	Turalei	58,619	▲ 30%	na	5,796	▲ 36%	na
	Wunrok	52,067	na	na	6,203	na	na
Western Bahr el Ghazal							
Raja	Deim Zubeir	45,933	na	▲ 6%	5,139	▲ 8%	▼ 16%
Wau	Wau	36,200	▼ 8%	▼ 8%	4,551	▼ 5%	▲ 4%
Western Equatoria							
Ezo	Ezo Town	57,759	▲ 67%	na	4,316	▼ 10%	na
Maridi	Maridi Town	40,343	► 0%	na	4,208	▼ 31%	na
Mundri East	Lui	49,178	▲ 47%	na	4,731	▲ 8%	na
Mundri West	Mundri Town	30,813	▼ 19%	na	4,284	▲ 16%	na
Mvolo	Mvolo Town	na	na	na	3,866	na	na
Nagero	Nagero Town	40,229	▼ 3%	na	5,010	▼ 6%	na
Nzara	Nzara Town	26,176	▲ 24%	na	4,213	▲ 4%	na
Tambura	Tambura Town	41,110	▲ 32%	na	4,275	▲ 15%	na
Yambio	Yambio Town	22,146	▼ 4%	▼ 30%	3,667	▼ 7%	▼ 22%
Overall		37,504	▲ 9%	▼ 15%	4,699	▲ 1%	▼ 19%

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

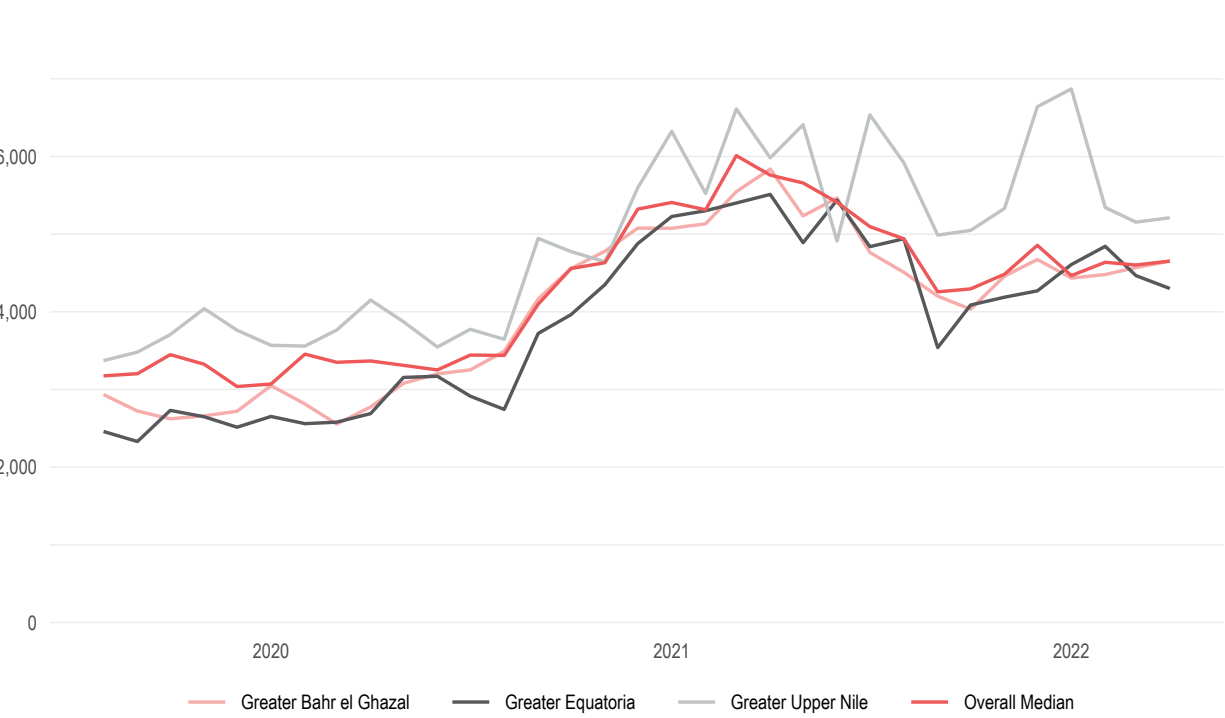
MSSMEB FOOD BASKET OVER TIME⁵

Aug 2019 - April 2022 in SSP



FOOD PRICE INDEX OVER TIME⁵

Aug 2019 - April 2022 in SSP



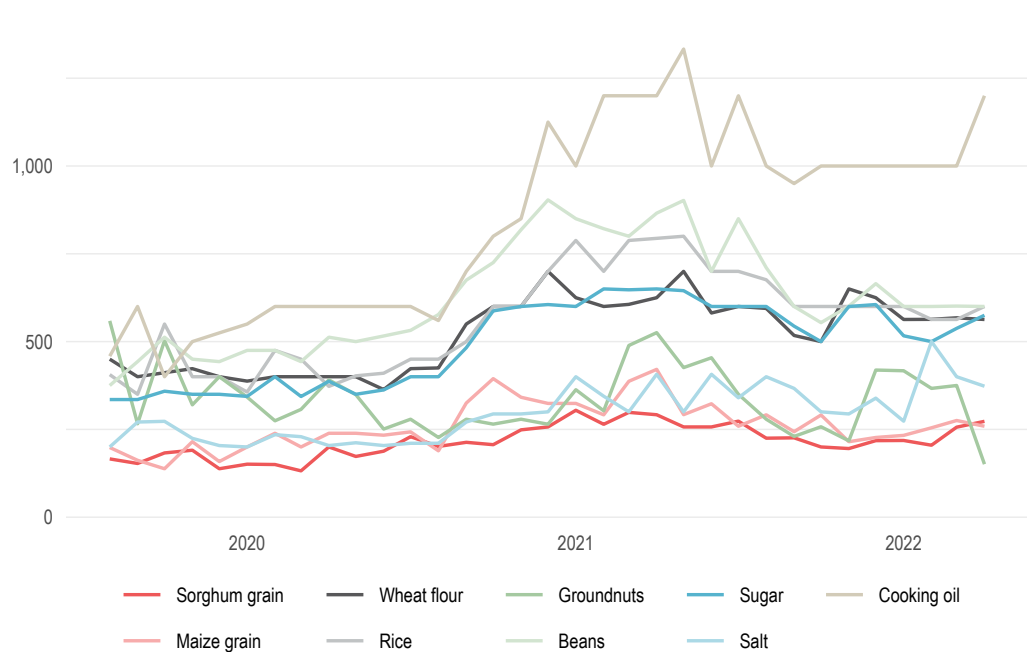
PRICES OF MONITORED ITEMS

Item	Unit	Median price in SSP	Change since Sept 2020	Change since Oct 2019	Median price in USD
Food Items					
Sorghum grain	1 kg	273	▲ 6%	▼ 6%	0.63
Maize grain	1 kg	292	▼ 6%	▼ 38%	0.67
Wheat flour	1 kg	563	▼ 1%	▼ 10%	1.29
Rice	1 kg	600	▲ 7%	▼ 24%	1.38
Groundnuts (shelled)	1 kg	151	▼ 60%	▼ 71%	0.35
Beans	1 kg	601	► 0%	▼ 31%	1.38
Sugar	1 kg	600	▲ 7%	▼ 12%	1.38
Salt	1 kg	373	▼ 7%	▼ 8%	0.86
Cooking oil	1 L	1,200	▲ 20%	► 0%	2.76
Water*	1 L	30	▲ 1%	▼ 19%	na
Non-Food Items					
Soap	200 g	200	▲ 20%	▲ 33%	0.46
Jerrycan	1 pc	1,000	▼ 20%	▲ 25%	2.30
Mosquito net	1 pc	1,500	▼ 14%	► 0%	3.45
Exercise book	1 pc	250	▼ 13%	▼ 9%	0.57
Blanket	1 pc	4,500	▲ 38%	▼ 12%	10.34
Cooking pot	1 pc	4,500	▲ 13%	► 0%	10.34
Plastic sheet	1 pc	7,000	▲ 4%	▼ 3%	16.09
Pole	1 pc	775	▲ 19%	▼ 26%	1.78
Firewood	1 bundle	500	► 0%	► 0%	1.15
Charcoal	1 kg	116	▲ 13%	▼ 2%	0.27
Livestock Items					
Goat	1 goat	13,000	▼ 7%	▼ 7%	29.89
Chicken	1 chicken	2,275	► 0%	▲ 25%	5.23
Services					
Milling costs	1 kg	43	▼ 2%	► 0%	0.10
Currencies					
US dollar	1 USD	435	▼ 1%	▼ 29%	
Sudanese pound	1 SDG	na	na	na	
Ethiopian biir	1 ETB	na	na	na	
Ugandan shilling	1 UGX	na	na	na	
Kenyan shilling	1 KES	na	na	na	

* Prices only collected for Juba Town

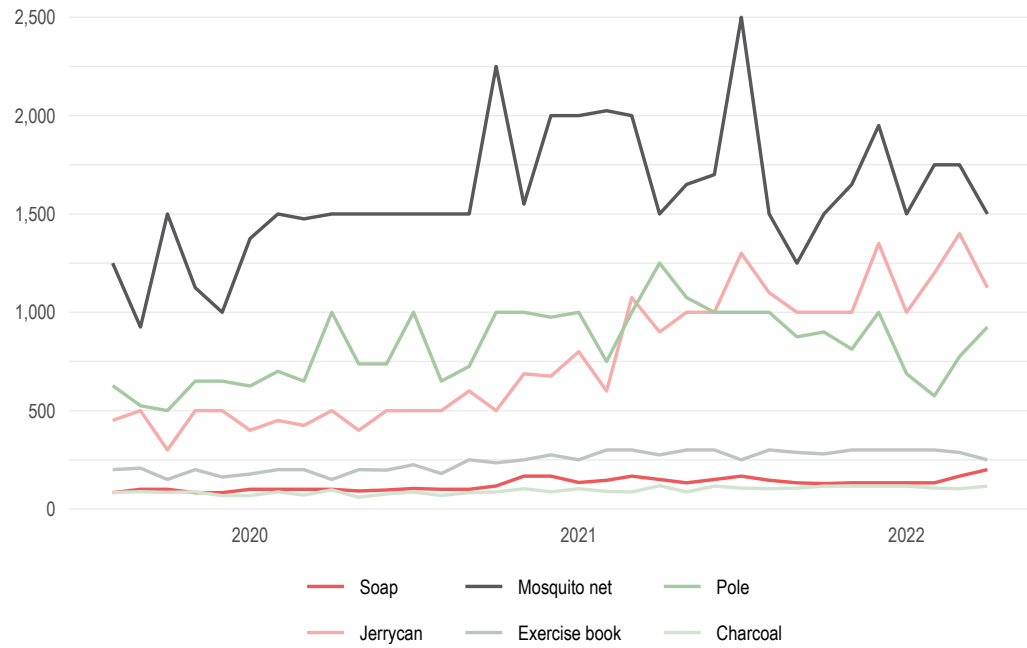
FOOD PRICES OVER TIME

Aug 2019 - April 2022 in SSP



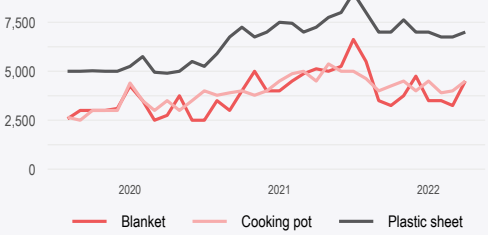
NFI PRICES OVER TIME

Aug 2019 - April 2022 in SSP



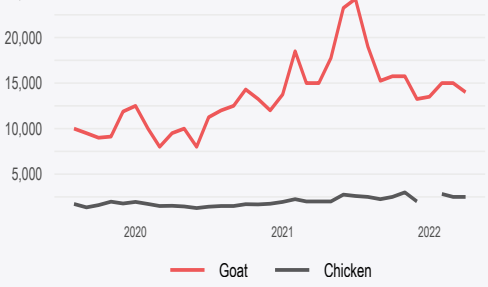
NFI PRICES OVER TIME CONT.

Aug 2019 - April 2022 in SSP

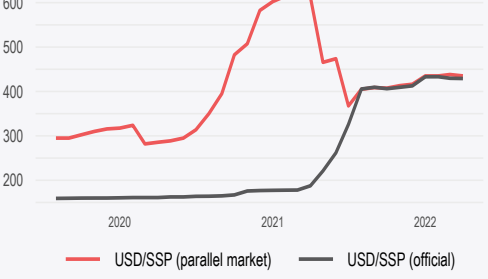


LIVESTOCK PRICES OVER TIME

Aug 2019 - April 2022 in SSP



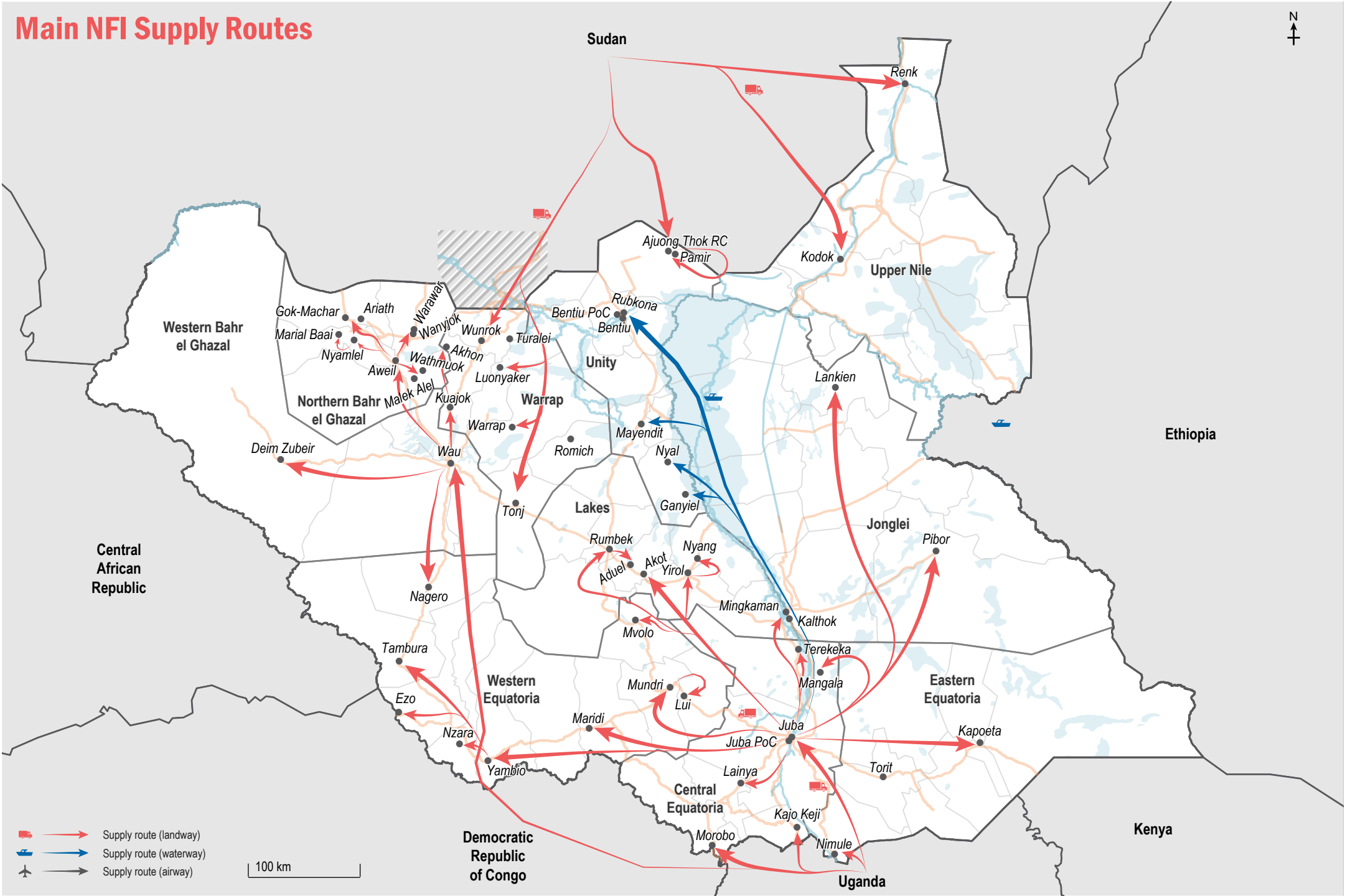
USD EXCHANGE RATE OVER TIME



OTHER EXCHANGE RATES OVER TIME
(Parallel market rates)

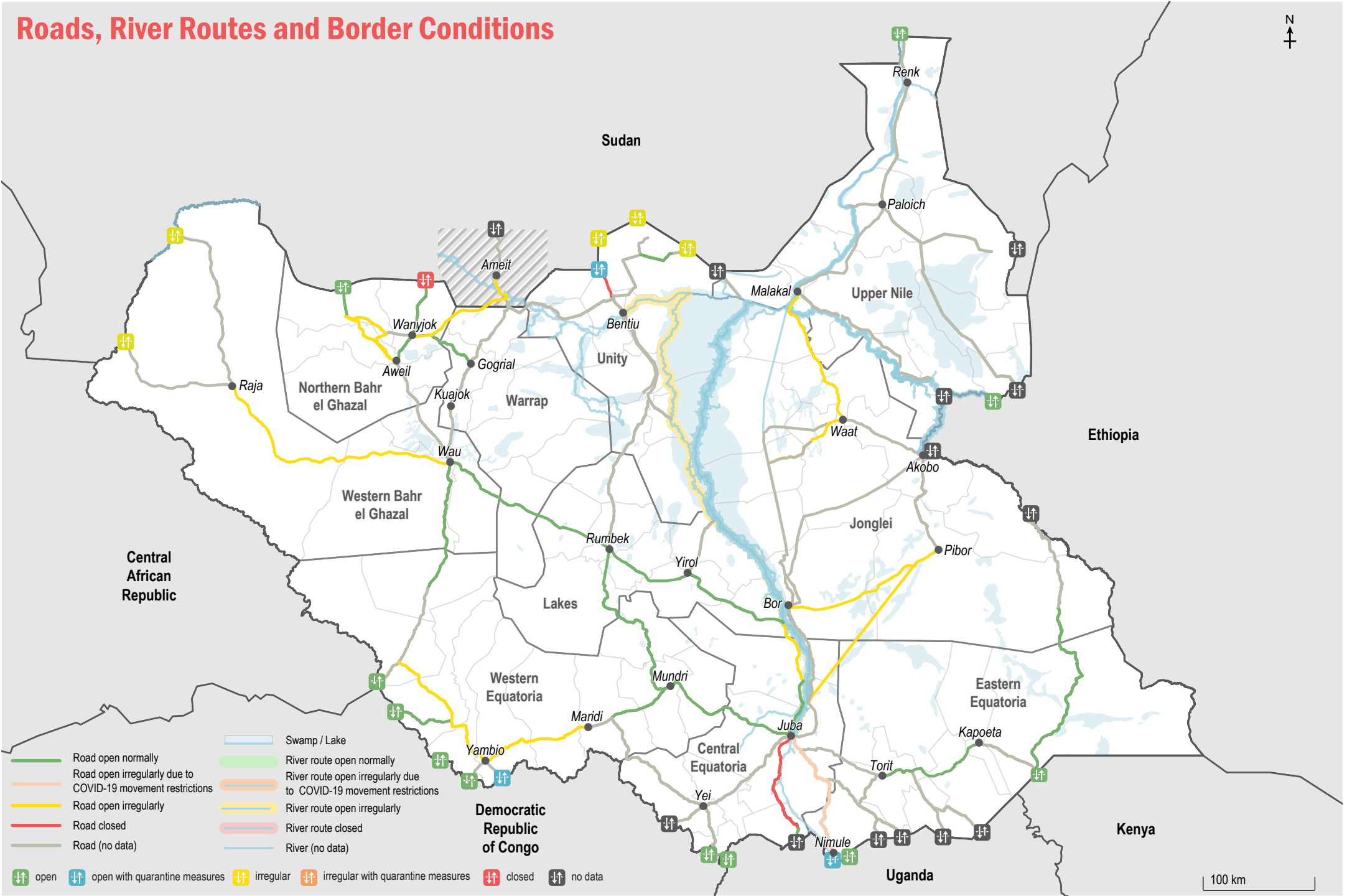


Main NFI Supply Routes



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

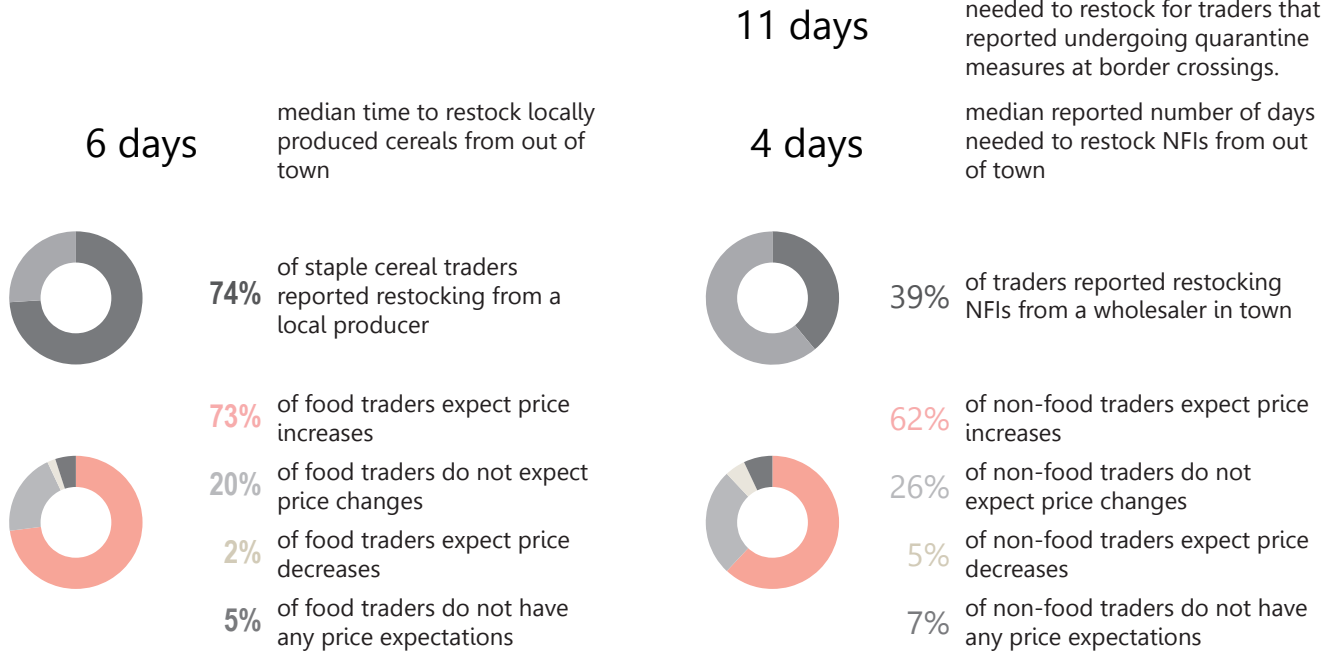
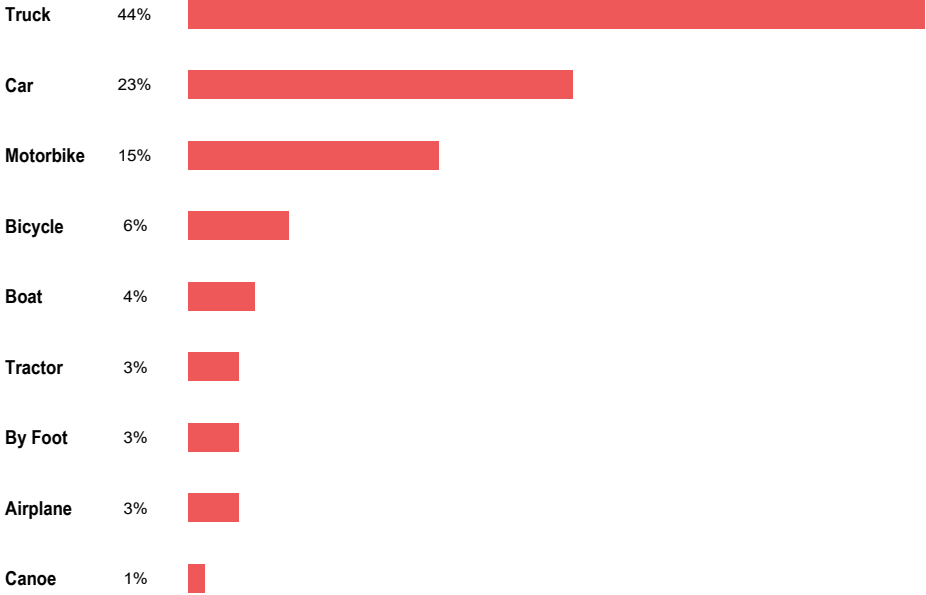
Roads, River Routes and Border Conditions



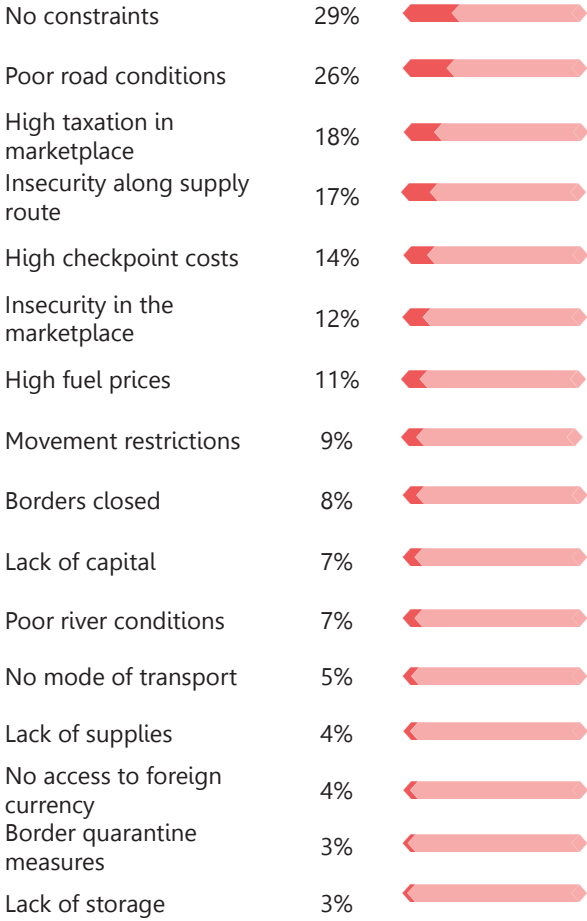
The map illustrates the reported road, river route and border crossing conditions at the time of data collection. The results are indicative of trade activity only.

Additional Indicators

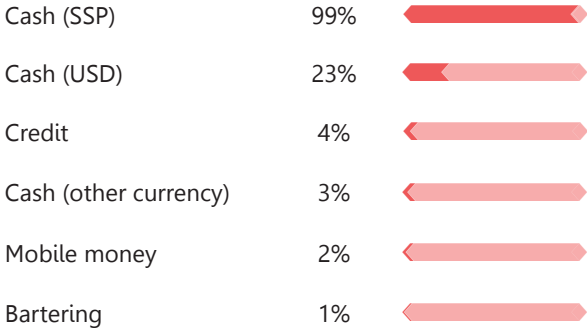
Primary modes of transport for restocking local cereals reported by traders



Reported restocking constraints*



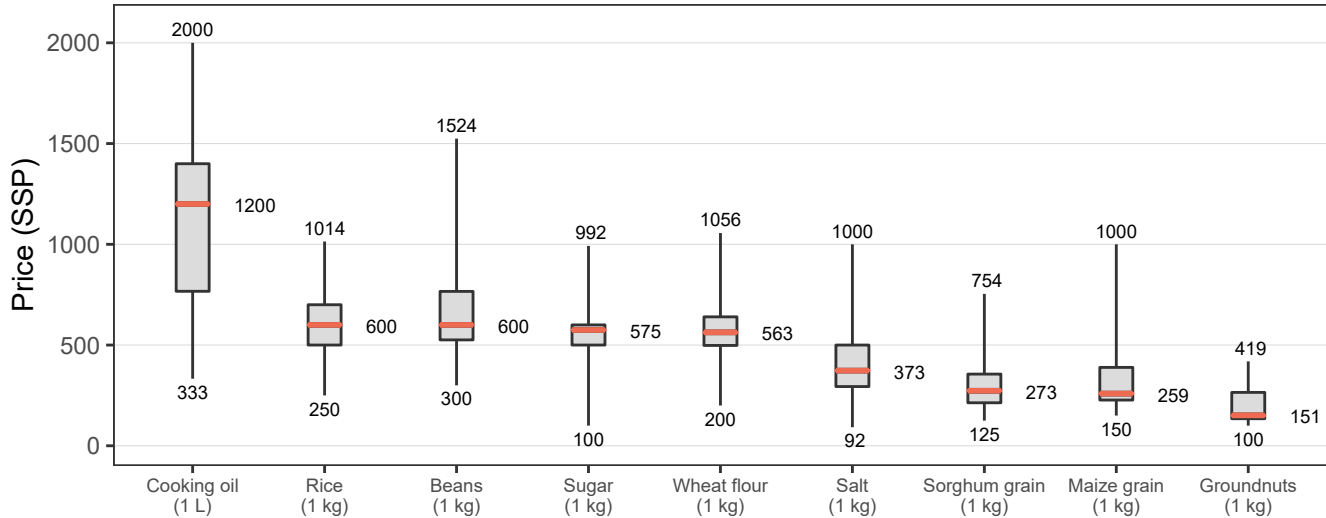
Accepted payment modalities*



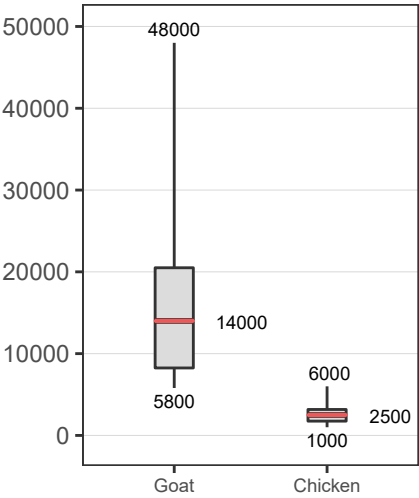
* Values do not add up to 100% as traders were allowed to select multiple options.

Distribution of Prices

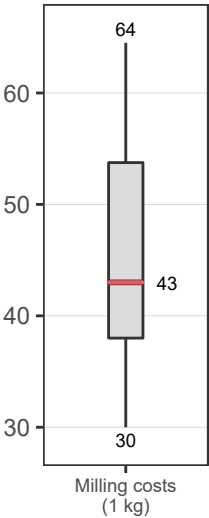
Food Items



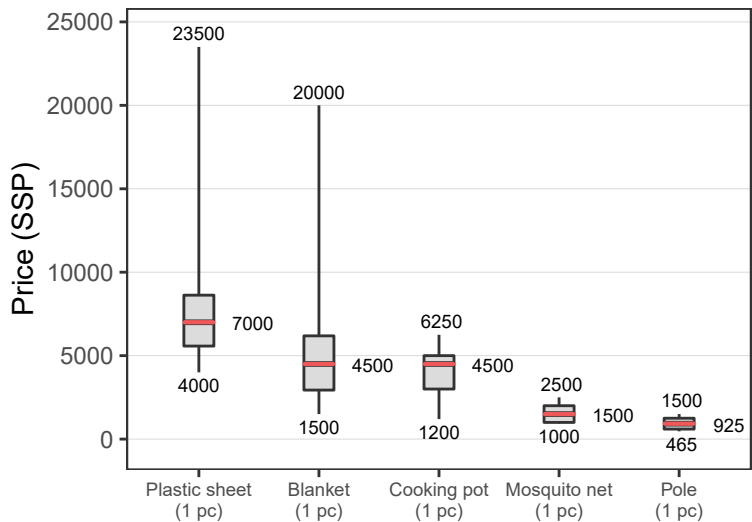
Livestock



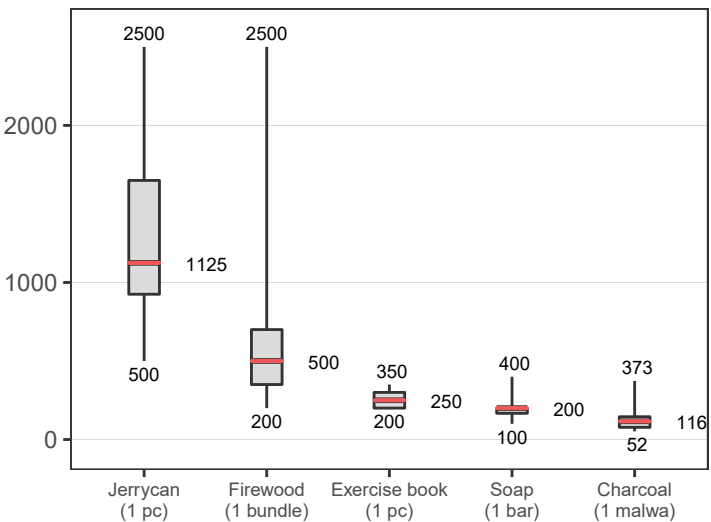
Services



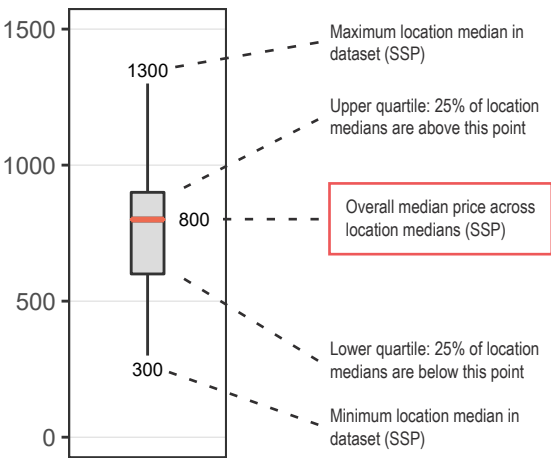
NFIs



NFIs cont.



How to read a boxplot



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

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	na	500	na	650	na	284	na	na	167	na	na	300	na	na	na	na	na	162	na	na	na
	Juba Town	754	718	500	750	na	700	500	400	1200	30	159	500	1000	300	2750	2300	5250	1200	1100	174	48000	na	na
	Mangala	650	650	600	500	na	550	550	1000	1200	na	150	500	2500	200	2500	2500	6000	1250	600	145	na	1500	na
Kajo Keji	Kajo Keji Town	na	na	450	500	na	600	450	200	800	na	250	1000	na	200	5000	2000	10000	na	na	na	na	na	na
Lainya	Lainya Town	na	1000	na	500	na	na	538	na	na	na	183	na	na	na	na	na	na	na	na	na	na	na	na
Morobo	Morobo Town	na	na	500	500	na	500	500	300	na	na	267	1000	1000	300	na	na	na	na	na	na	30000	6000	30
Terekeka	Terekeka Town	200	150	200	300	na	500	300	221	333	na	100	1000	na	na	5000	3000	5000	500	1500	116	25000	3000	na
Eastern Equatoria																								
Kapoeta South	Kapoeta Town	202	259	425	650	na	700	800	407	1200	na	167	na	na	na	na	3500	na	1000	950	174	12000	2250	na
Magwi	Nimule	377	359	704	676	na	665	645	400	1000	na	167	900	1900	250	4000	1950	4950	1250	500	116	na	4500	30
Jonglei																								
Nyiröl	Lankien	437	421	563	450	na	na	215	136	667	na	333	2000	na	200	na	4500	10000	1250	1500	69	16000	1000	na
Pibor	Pibor Town	na	na	na	700	na	700	500	500	1000	na	167	na	na	na	na	na	na	na	300	290	na	na	na
Lakes																								
Awerial	Kalthok	273	na	na	400	na	500	500	400	1200	na	200	na	1000	300	1500	1850	7000	na	na	na	13000	2500	na
	Mingkaman	273	259	563	450	na	443	430	600	1400	na	200	1000	2000	300	2000	5500	7000	1500	500	131	22500	4750	na
Rumbek Centre	Rumbek Town	255	243	500	600	na	800	600	400	1150	na	184	1400	1200	250	na	6250	7500	525	500	166	18500	1500	na
Rumbek East	Aduel	150	200	700	600	na	750	600	500	333	na	200	1650	na	275	na	5000	7000	1100	600	102	na	1750	40
	Akot	150	na	600	600	na	600	500	800	na	na	200	na	na	200	na	na	na	na	600	121	14000	1750	na
Yirol East	Nyang	355	na	225	250	100	400	250	250	1000	na	233	1000	na	250	na	na	na	600	200	174	30000	3500	na
Yirol West	Yirol Town	437	na	na	na	279	300	250	400	1000	na	200	900	na	250	na	na	na	600	250	116	25000	1750	na
Northern Bahr el Ghazal																								
Aweil Centre	Aweil Town	272	259	500	700	113	600	500	294	1200	na	167	1500	1000	na	13500	4500	6500	925	450	133	na	na	65
Aweil East	Wanyjok	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	465	300	87	12500	2300	na
	Warawar	273	na	na	500	na	781	600	543	1400	na	200	2000	na	250	na	4500	5000	500	350	87	5800	2250	na
Aweil North	Ariath	182	na	500	600	113	525	500	271	467	na	200	1000	1500	250	na	na	7000	825	200	83	10000	2250	na
	Gok-Machar	242	na	600	800	151	na	600	339	1200	na	133	na	na	200	na	na	na	600	450	69	na	na	65
Aweil South	MalekAlel	356	na	na	500	na	781	600	645	1400	na	233	2000	na	300	na	4650	na	575	365	78	5800	2000	43
	Watmuok	303	na	na	500	na	781	600	678	1400	na	233	2000	na	250	na	4500	5500	500	350	87	7500	2500	43
Aweil West	Marial Baai	227	na	600	800	142	600	600	294	1300	na	200	na	na	200	na	na	na	800	450	69	na	na	65
	Nyamlel Town	235	na	600	600	142	600	600	294	1400	na	200	2000	na	200	na	5000	6850	700	400	69	na	na	na
Unity																								
Mayendit	Mayendit Town	681	na	na	na	na	na	992	500	1800	na	267	na	na	300	na	na	na	1500	na	58	na	1500	na
Panyijiar	Ganylel	na	na	282	676	na	665	645	500	2000	na	267	500	2500	na	na	4500	na	na	na	na	na	na	na
	Nyal	410	na	na	na	na	na	874	600	2000	na	200	500	na	na	na	4500	na	1500	2500	138	na	na	na
Pariang	Ajuong Thok RC	na	na	700	800	na	na	575	678	1600	na	150	na	1000	250	3000	3500	na	na	200	78	na	na	na
	Pamir RC	137	na	700	na	na	301	600	600	933	na	100	na	1800	250	na	na	na	na	na	69	na	na	43
Rubkona	Bentiu	218	na	1056	845	419	1525	706	339	1500	na	200	2200	1000	300	18500	2600	13750	na	600	166	8500	2250	na
	Bentiu PoC	164	259	na	na	na	na	na	100	na	na	275	1000	2250	na	na	5000	20000	na	275	58	15000	3000	na
	Rubkona Town	331	393	1021	845	419	na	655	373	na	na	200	2250	1500	300	20000	4000	na	1500	550	145	8500	2500	na
Upper Nile																								
Fashoda	Kodo	212	na	na	800	378	na	800	92	na	na	200	500	1700	300	na	3500	18500	600	300	52	na	na	na
Renk	Renk	125	na	300	350	na	600	300	100	1200	na	300	600	na	na	4250	3850	23500	700	250	155	na	3750	na
Warrap																								
Gogrial East	Luonyaker	272	227	775	676	151	na	645	373	467	na	200	1650	na	300	na	na	na	600	500	86	8000	2000	na
Gogrial West	Akhon	273	na	423	na	132	na	860	339	400	na	200	1500	na	na	na	4500	7500	na	1000	116	8000	1250	43
	Kuajok	288	na	na	700	132	800	550	339	400	na	200	1300	1200	na	na	5250	7500	550	700	116	13750	2500	na
Tonj North	Warrap	290	195	600	800	189	1109	na	373	467	na	217	2200	na	350	na	5500	na	600	950	58	8500	1750	na
Tonj South	Tonj Town	257	na	680	680	265	1109	na	475	467	na	200	na	na	350	na	na	7500	1000	600	87	7500	1650	na
Twic	Turalei	454	324	763	473	142	601	689	350	2000	na	150	1250	1250	na	4500	1500	4550	1400	450	373	7500	3750	na
	Wunrok	na	292	496	916	151	752	689	543	2000	na	400	800	na	na	4500	1200	4000	950	475	290	7500	2500	na
Western Bahr el Ghazal																								
Raja	Deim Zubeir	328	na	na	600	na	na	600	204	1800	na	200	2500	na	na	na	na	9000	na	na	69	17500	na	na
Wau	Wau	250	200	525	600	na	800	525	500	1000	na	167	1000	2000	300	5750	5500	7250	700	650	174	16250	3350	na
Western Equatoria																								
Ezo	Ezo Town	187	500	na	na	265	na	250	150	na	na	200	1500	1500	250	7500	5000	6500	1000	500	121	25000	3000	na
Maridi	Maridi Town	375	335	423	563	na	554	na	407	800	na	167	750	2250	na	na	2000	5800	na	na	116	8000	1500	na
Mundri East	Lui	273	389	500	500	na	500	500	368	1550	na	167	1000	na	na	8500	5200	15000	750	1000	116	38500	3000	na
Mundri west	Mundri Town	205	243	na	1014	na	500	500	441	667	na	167	750	na	na	na	na	7500	1500	500	119	20000	3500	na
Mvolo	Mvolo Town	na	na	563	500	na	887	400	400	400	na	167	1500	na	na	na	na	na	na	na	na	na	na	na
Nagero	Nagero Town	288	na	na	625	na	526	600	515	1450	na	200	1900	1200	300	na								

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	6	5	na	14	17	21	na	11	na	na	8	na	na	na	na	1	1
	Juba Town	21	30	15	18	na	30	26	30	14	18	30	14	30	26	18	14	na	na	na
	Mangala	na	10	14	21	6	10	5	60	21	14	33	25	60	18	21	14	na	3	2
Kajo Keji	Kajo Keji Town	na	na	14	18	na	21	26	30	14	22	30	na	21	21	na	30	na	8	3
Lainya	Lainya Town	na	na	na	30	7	na	19	na	na	7	na	na	na	na	na	na	na	na	5
Morobo	Morobo Town	na	na	22	30	30	30	29	30	30	22	na	na	30	na	na	na	na	30	21
Terekeka	Terekeka	26	21	23	27	14	18	18	27	21	23	60	30	60	26	21	45	na	2	2
Eastern Equatoria																				
Kapoeta South	Kapoeta Town	na	na	7	25	na	7	7	21	35	14	na	na	na	na	21	na	na	14	5
Magwi	Nimule	7	7	14	18	na	14	14	14	14	21	21	60	60	14	60	45	na	2	5
Jonglei																				
Nyirol	Lankien	67	56	28	21	21	na	na	21	35	28	30	na	32	na	na	25	na	na	na
Pibor	Pibor Town	na	na	na	60	60	60	60	60	60	60	na	na	na	na	na	na	na	3	2
Lakes																				
Awerial	Kalthok	45	na	na	30	na	30	30	30	30	30	na	60	30	30	30	30	5	4	4
	Mingkaman	45	45	30	30	60	30	30	60	30	30	60	60	60	60	60	60	na	14	14
Rumbek Centre	Rumbek Town	30	30	29	30	na	60	30	30	30	14	21	22	7	30	60	21	10	12	1
Rumbek East	Aduel	30	30	22	30	na	22	30	30	30	19	30	na	30	na	30	30	1	1	1
	Akot	60	na	60	60	60	60	60	60	60	na	na	na	60	na	na	na	na	3	3
Yirol East	Nyang	14	na	18	26	21	18	21	60	18	14	na	na	45	na	na	na	na	na	na
Yirol West	Yirol Town	10	na	11	14	45	18	26	26	26	14	14	na	44	na	na	na	na	60	na
Northern Bahr el Ghazal																				
Aweil Centre	Aweil Town	45	na	60	60	44	44	na	na	60	na	45	na	60	na	na	na	na	na	na
Aweil East	Wanyjok	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
	Warawar	7	na	na	6	8	14	14	8	na	7	14	na	14	na	14	14	1	1	1
Aweil North	Ariath	21	na	41	60	60	53	na	60	14	60	14	14	na	na	60	21	na	1	4
	Gok-Machar	na	na	30	30	na	na	na	na	60	na	na	na	na	na	na	na	na	na	na
Aweil South	MalekAlel	na	na	na	8	9	10	na	8	7	na	18	na	18	na	14	na	1	1	1
	Watmuok	na	na	na	na	8	14	na	7	7	na	14	na	18	na	14	18	1	1	1
Aweil West	Marial Baai	60	na	33	30	60	28	na	na	60	na	na	na	na	na	na	na	na	na	na
	Nyamlel Town	60	na	42	30	60	28	na	na	60	na	30	na	na	na	na	60	na	na	na
Unity																				
Mayendit	Mayendit Town	22	na	21	16	na	na	21	25	26	14	na	na	28	na	na	na	7	11	6
Panyijiar	Ganylel	na	na	30	22	na	30	21	60	30	7	14	30	na	na	na	na	na	16	30
	Nyal	30	na	60	60	na	60	30	60	60	30	60	30	60	na	60	na	na	7	7
Pariang	Ajuong Thok RC	na	na	60	41	na	na	60	60	26	60	na	18	60	14	na	na	na	na	na
	Pamir RC	25	na	28	30	na	29	30	30	30	30	na	30	30	na	na	na	10	na	6
Rubkona	Bentiu	21	14	14	14	21	28	21	35	28	28	46	35	35	32	35	35	8	7	7
	Bentiu PoC	21	35	30	30	na	30	30	30	30	41	14	60	14	na	28	na	na	na	1
	Rubkona Town	21	11	21	21	28	25	21	42	21	49	28	35	35	28	30	14	7	8	7
Upper Nile																				
Fashoda	Kodok	20	na	21	21	14	17	21	24	28	18	14	14	26	na	21	14	na	7	14
Renk	Renk Town	60	na	41	30	26	14	60	60	30	26	7	45	na	60	60	60	na	na	1
Warrap																				
Gogrial East	Luonyaker	60	21	14	18	21	na	21	21	26	21	21	na	18	na	21	na	na	na	na
Gogrial West	Akon	41	na	30	18	18	na	21	21	21	21	21	na	21	na	14	21	na	na	na
	Kuajok	60	na	21	21	21	21	21	21	21	21	21	21	21	na	21	21	na	na	na
Tonj North	Warrap Town	41	60	21	26	21	14	21	21	21	21	21	na	21	na	21	na	na	na	na
Tonj South	Tonj Town	60	na	60	60	30	14	21	21	21	21	na	na	21	na	21	21	na	na	na
Twic	Turalei	30	45	30	30	30	22	22	7	30	22	30	30	30	22	14	7	na	na	na
	Wunrok	30	14	14	18	30	22	11	14	7	14	30	7	30	30	22	22	na	na	na
Western Bahr el Ghazal																				
Raja	Deim Zubeir	14	na	30	30	14	na	30	45	30	30	30	60	na	na	na	26	na	1	1
Wau	Wau	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	26	na	25	23
Western Equatoria																				
Ezo	Ezo Town	na	21	35	14	na	32	22	21	14	21	18	60	60	60	60	60	na	7	7
Maridi	Maridi Town	7	6	6	21	21	14	14	14	14	14	34	na	26	na	60	41	na	5	7
Mundri East	Lui	na	na	na	na	14	na	na	na	na	na	na	na	na	na	na	na	1	1	2
Mundri West	Mundri Town	21	na	na	na	21	na	na	na	37	35	na	35	na	na	na	na	na	2	na
Mvolo	Mvolo Town	na	na	30	45	14	7	21	30	30	26	na	na	na	na	na	na	na	7	7
Nengero	Nengero Town	60	na	na	41	na	14	18	21	18	14	30	60	45	na	na	na	11	5	3
Nzara	Nzara Town	14	33	24	na	34	21	42	14	21	14	56	na	42	na	na	10	1	28	15
Tambura	Tambura Town	12	21	11	14	10	18	12	18	18	22	30	45	14	26	60	26	na	4	4
Yambio	Yambio Town	na	7	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	15	20

na : no stock level data available : none of the interviewed traders reported being able to restock this item

METHODOLOGY

The JMMI aims to inform market-based programming in South Sudan. Coverage depends on the interest of the partner organisations and their field teams' capacities to regularly collect market data. Locations are added once partners willing to cover them are identified, and their field teams are trained. As the initiative is currently being built up, coverage will likely be expanded in future data collection rounds. In each assessed location, at least four prices per food, non-food, and livestock item need to be collected from different traders to ensure the quality and consistency of the collected data (2 for currencies and milling costs, 5 for casual labor). In line with the purpose of the JMMI, only the prices of the cheapest available types are recorded for each item. Partner field teams identify traders to assess based on the following criteria:

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

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

Following data collection, REACH compiles and cleans all partner

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

MSSMEB Calculation

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

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

Challenges and Limitations

- Price data is only indicative for the time frame within which it was collected. Prices may vary between data collection rounds.
- The JMMI data collection tool requests the cheapest available type of each item to be recorded, as availability varies across regions. Therefore, price comparisons across regions may be based on slightly varying products.
- Standardising unit sizes of dry food items is inherently difficult in South Sudan, as many traders sell commodities by volume rather than weight. This may create a measurement error.
- With current coverage, data is mostly collected from main markets, which may not be representative of rural areas.
- As the JMMI continues to expand and is extended to additional locations, the reported changes in the overall median prices may be driven by shifts in coverage rather than actual price changes.

Participating Agencies

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

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

Endnotes

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

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

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

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

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

JMMI OUTPUTS

Factsheets	Datasets
2022	
March	March
February	February
January	January
2021	
December	December
November	November
October	October
September	September
August	August
July	July
June	June
May	May
April	April
March	March
February	February
January	January
2020	
December	December
November	November
October	October
September	September
August	August
July	July
June	June
May	May
April	April
March	March
February	February
January	January
2019	
December	December
November	November
October	October
September	September
August	August

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