

SOUTH SUDAN JOINT MARKET MONITORING INITIATIVE (JMMI)

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 Complimentary Action for Resilience Building (CARB). 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 \(MSSMEB\)](#).

24 participating agencies[§]

63 assessed locations[†]

91 assessed marketplaces

1,379 key informants

31 assessed commodities

Cost of MSSMEB¹

101,660 SSP

117.53 USD*

Change since March 2023

13,167 SSP ▲+15%

Cost of food basket²

86,010 SSP

99.43 USD*

Change since March 2023

14,169 SSP ▲+20%

USD/SSP

(official)³

851

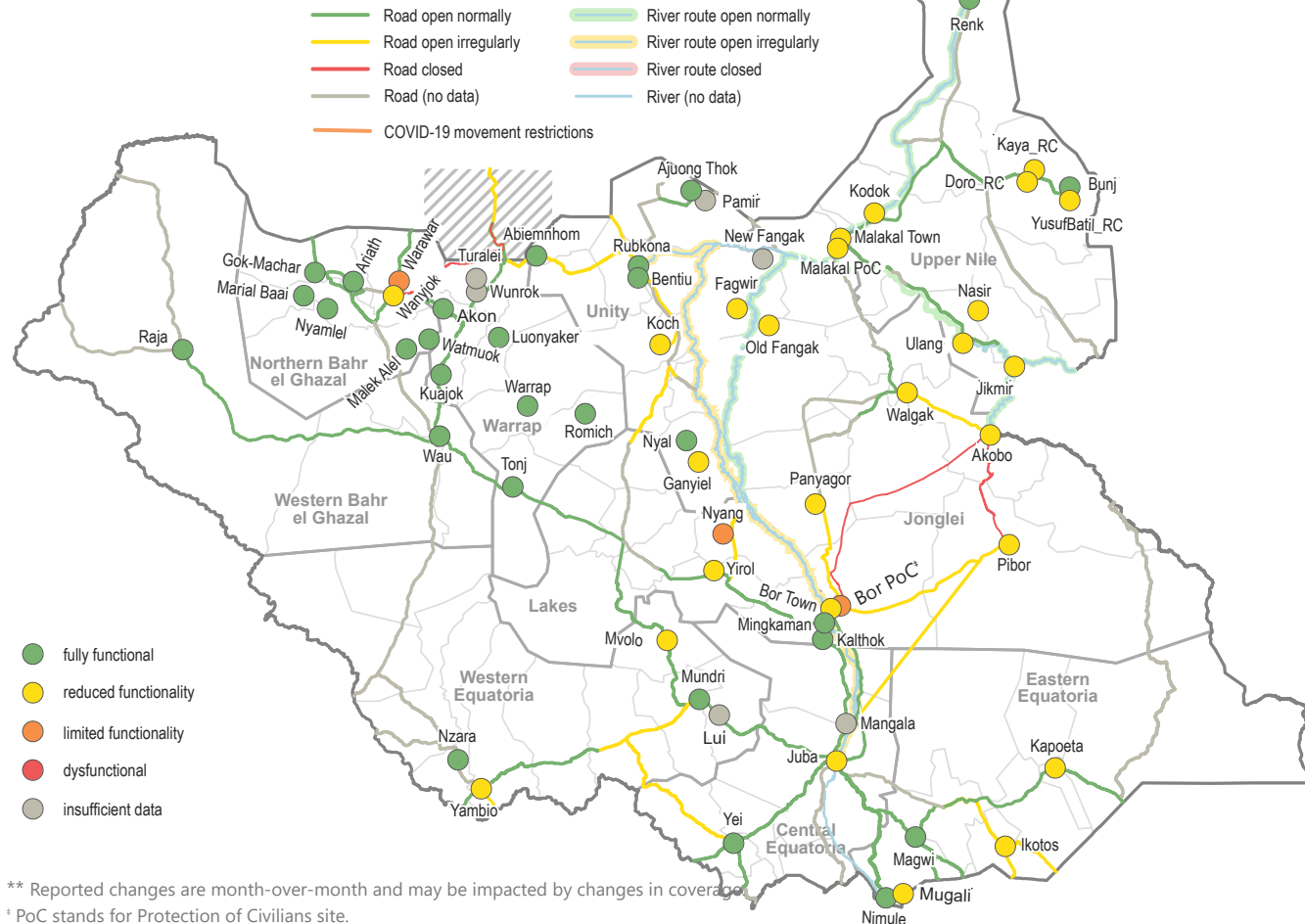
69.93 SSP ▲+9%

1-7 April 2023

PARTICIPATING AGENCIES

ACF
ADRA
Care
CINA
Concern
DRC
DCA
IOM
IRC
LDO
NH
NRDC
Oxfam
REACH
Relief International
SAVE the children
Solidarités Int.
SPEDP
SSRC
Star Trust
TearFund
UNHCR
WADA
Welthungerhilfe
YACA

MARKET FUNCTIONALITY



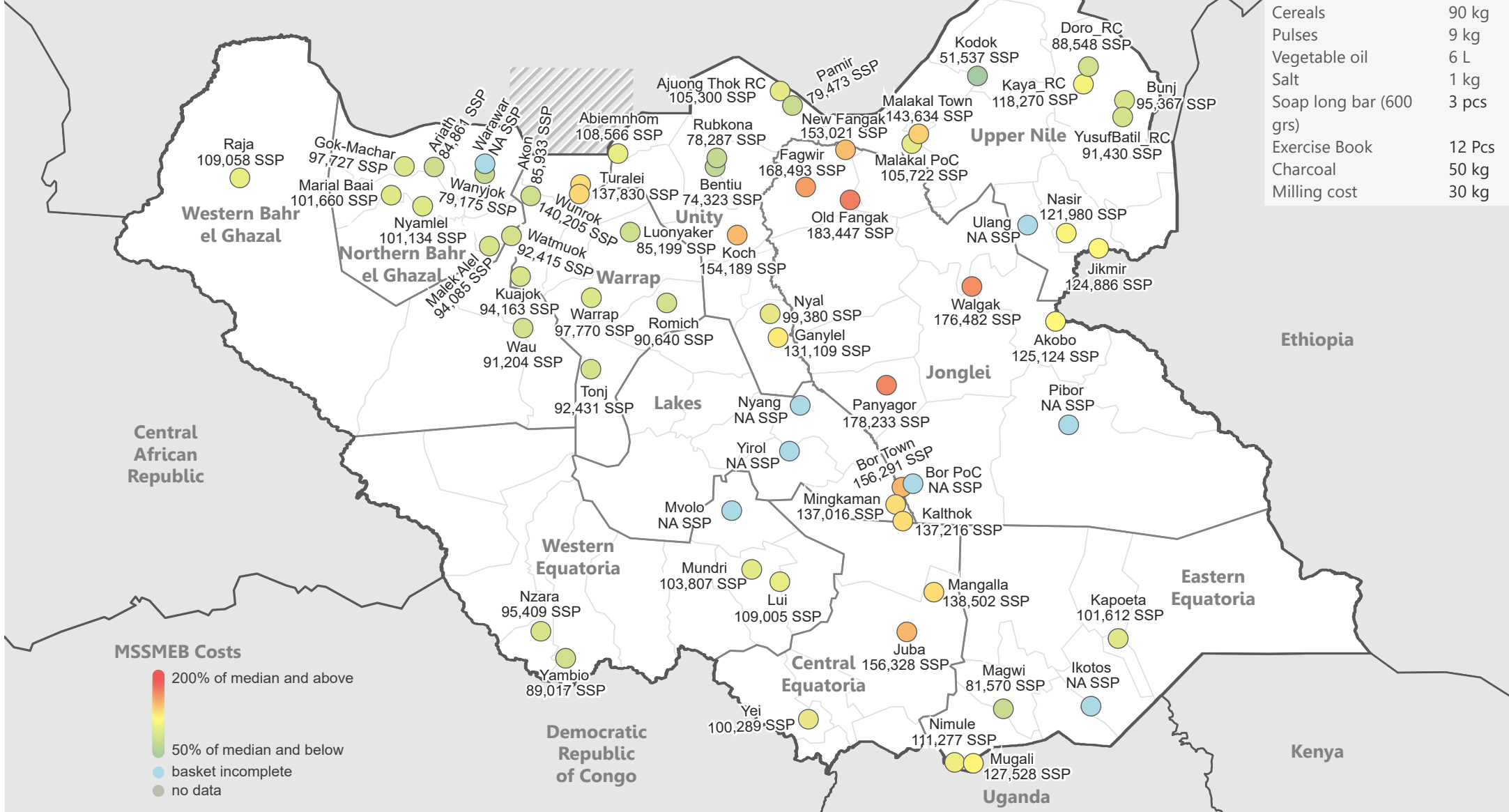
** Reported changes are month-over-month and may be impacted by changes in coverage.
[†] PoC stands for Protection of Civilians site.
[†] The Abyei Region is shaded to acknowledge its status as a disputed territory.
[§] The number of participating agencies indicates the total number of partner organisations that collected data in April - 2023.

MSSMEB Costs

Cost of MSSMEB¹
101,660 SSP
117.53 USD*
Change since March 2023
13,167 SSP ▲ +15%

MSSMEB ITEMS

Cereals	90 kg
Pulses	9 kg
Vegetable oil	6 L
Salt	1 kg
Soap long bar (600 grs)	3 pcs
Exercise Book	12 Pcs
Charcoal	50 kg
Milling cost	30 kg



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	3 pcs
Human drugs*	USD	Rubber	3 pcs
Airtime*	30 min	Sharpener	1 Pcs
Transport*	3 USD	Solar lamp	1Pcs
		Aqua Tab	

NFIs (one-off)*

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

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, human drugs, airtime & transport) were incorporated in the analysis and presented on this factsheet. See appendix for more details on the calculation of the MSSMEB.

** Traditional Item of clothing.

Cost of median MSSMEB (key items)

101,660 SSP
Change since March 2023

13,167 SSP ▲15%
Change since April 2022

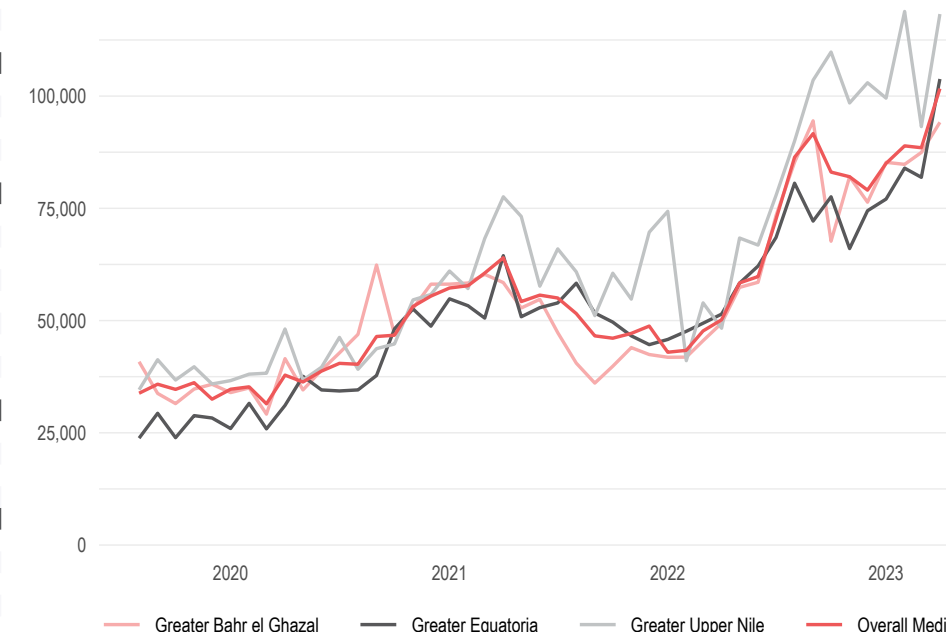
51,488 SSP ▲103%

MSSMEB PER LOCATION

County	Location	MSSMEB key items in SSP	Change since Mar 2023	Change since Apr 2022	MSSMEB key items in USD ⁵
Central Equatoria					
Juba	Juba Town	156,328	▲3%	▲68%	180.73
	Mangala	138,502	▼15%	▲66%	160.12
Yei	Yei Town	100,289	▲13%	na	117.30
Eastern Equatoria					
Ikaotos	Ikotos Town	na	na	na	na
Kapoeta South	Kapoeta Town	101,612	▲2%	▲98%	119.19
Magwi	Magwi Town	81,570	▲12%	na	97.11
	Mugali	127,528	na	na	144.10
	Nimule	111,277	▼7%	▲101%	126.27
Jonglei					
Akobo	Akobo Town	125,124	▲59%	na	144.65
	Walgak	176,482	▲19%	na	204.03
Bor South	Bor Town	156,291	▲26%	na	180.16
	Bor PoC	na	na	na	na
Fangak	Fagwir	168,493	▲9%	na	194.79
	New Fangak	153,021	▼5%	na	176.90
	Old Fangak	183,447	▲37%	na	212.08
Pibor	Pibor Town	na	na	na	na
Twic East	Panyagor	178,233	na	na	212.18
Lakes					
Aweril	Kalthok	137,216	na	▲183%	162.39
	Mingkaman	137,016	na	▲173%	157.49
Yirol East	Nyang	na	na	na	na
Yirol West	Yirol Town	na	na	na	na
Northern Bahr el Ghazal					
Aweil East	Wanyjok	79,175	na	na	92.87
	Warawar	na	na	na	na
Aweil North	Ariath	84,861	▼5%	▲151%	97.68
	Gok-Machar	97,727	▲12%	▲126%	112.65
Aweil South	Malek Alel	94,085	na	▲61%	108.14
	Watmuok	92,415	na	▲73%	106.22
Aweil West	Marial Baai	101,660	▲16%	▲137%	117.53
	Nyamlel	101,134	▲4%	▲132%	116.58
Unity					
Abiemnhom	Abiemnhom	108,566	na	na	125.51
Koch	Koch Town	154,189	▲95%	na	178.25
Panyijiar	Ganyele	131,109	▲2%	na	165.96
	Nyal	97,598	▼18%	▲48%	122.76
Pariang	AjuongThok	105,300	na	▲184%	125.36
	Pamir_RC	79,473	▲2%	▲169%	91.88
Rubkona	Bentiu	74,323	▲26%	▲30%	85.92
	Rubkona Town	78,287	▲15%	▲40%	89.99
Upper Nile					
Fashoda	Kodok	51,537	▼42%	▲27%	58.90
LuakpinyNasir	Jikmir	124,886	na	na	144.38
	Nasir Town	121,980	na	na	141.02
Maban	Bunj	95,367	▼7%	na	110.25
	Doro_RC	88,548	▲1%	na	102.37
	Kaya_RC	118,270	▲31%	na	136.73
	YusufBatil_RC	91,430	▲5%	na	105.70
Malakal	Malakal PoC	105,722	▲10%	na	124.01
	Malakal Town	143,634	▲69%	na	169.98
Renk	Renk town	91,257	na	▲141%	105.50
Ulang	Ulng Town	na	na	na	na
Warrap					
Gogrial East	Luonyaker	85,199	▼6%	▲96%	98.50
Gogrial west	Akon	85,933	▼1%	na	99.34
	Kuajok	94,163	▲2%	▲100%	108.86
Tonj east	Romich	90,640	▲29%	na	104.79
Tonj North	Warrap Town	97,770	▲28%	▲100%	113.03
Tonj South	Tonj Town	92,431	▲9%	▲95%	106.86
Twic	Turalei	137,830	na	▲67%	149.01
	Wunrok	140,205	na	▲91%	147.97
Western Bahr el Ghazal					
	Raja Town	109,058	na	na	133.81
Wau	Wau Town	91,204	▲5%	▲80%	105.44
Western Equatoria					
Mundri East	Lui	109,005	na	▲81%	126.02
Mundri West	Mundri Town	103,807	na	▲147%	120.01
Mvolo	Mvolo Town	na	na	na	na
Nazara	Nzara Town	95,409	▲41%	▲159%	110.30
Yambio	Yambio Town	89,017	▲38%	▲186%	101.44
Overall		101,660	▲15%	▲103%	117.53

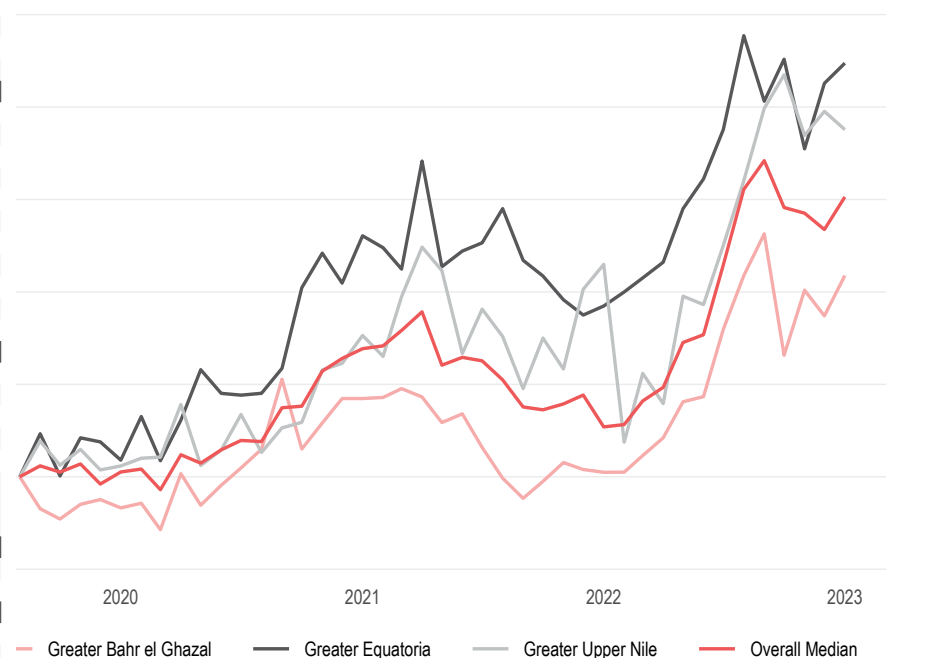
MSSMEB OVER TIME⁵

Aug 2019 - April 2023 in SSP



MSSMEB OVER TIME⁵

Indexed to August 2019 = 1.00⁶



⁵ Sorghum and maize prices were not available. No alternate cereal prices were available for Ikotos, Bor PoC, Pibor, Nyang, Yirol, Warawar, Ulang & Mvolo, therefore the MSSMEB has been left blank.

MSSMEB Food Basket Costs

Cost of food basket²

86,010 SSP

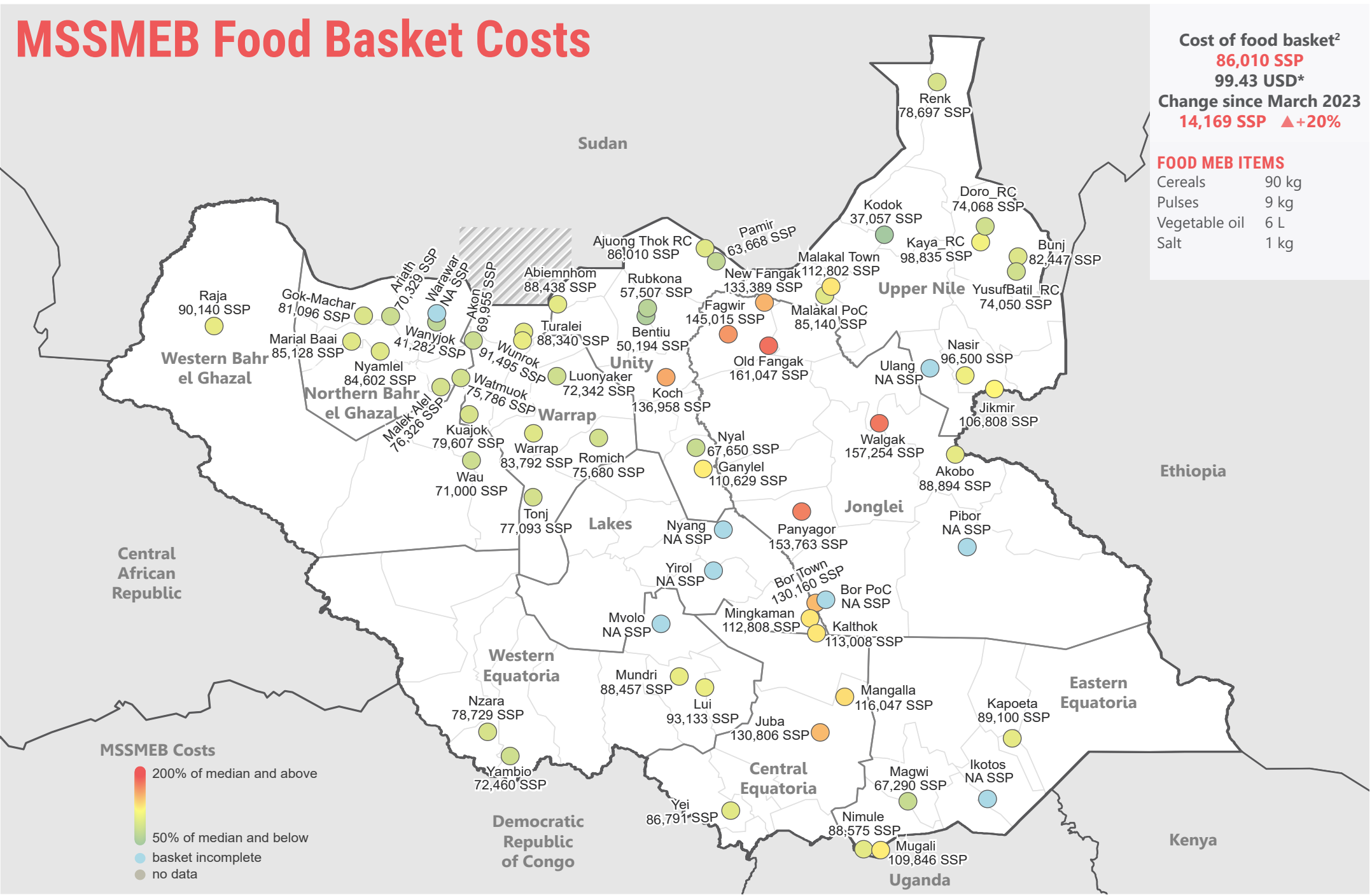
99.43 USD*

Change since March 2023

14,169 SSP ▲+20%

FOOD MEB ITEMS

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

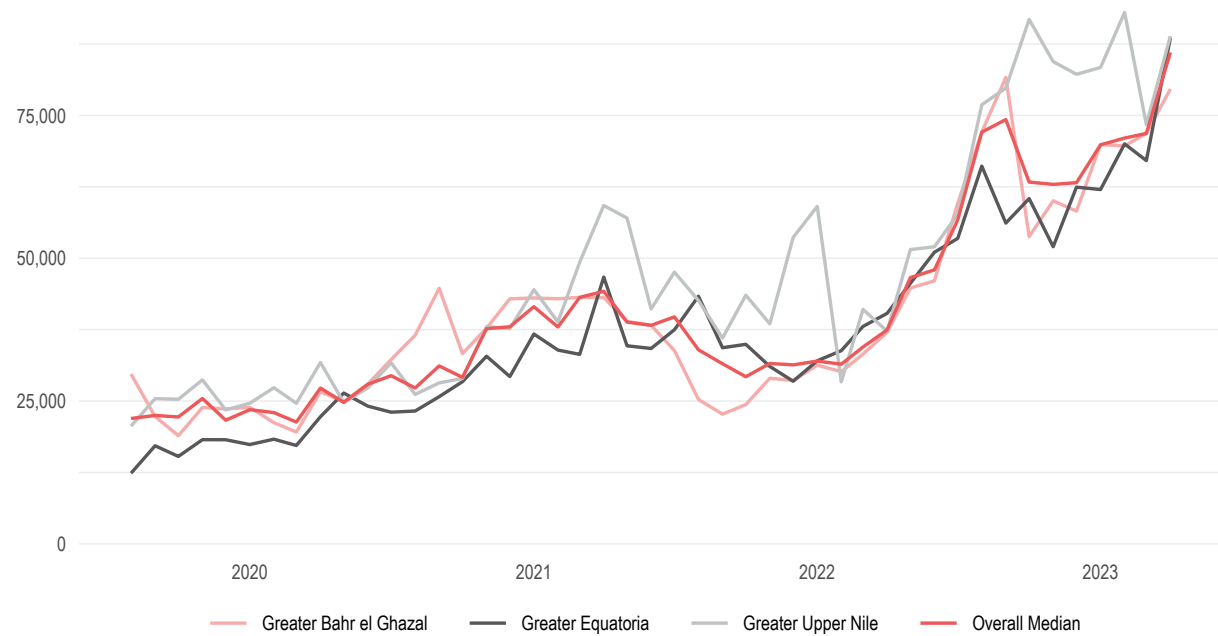


INDICES PER LOCATION

County	Location	MSSMEB food basket in SSP	Change since March 2023	Change since April 2022	Food price index* in SSP	Change since March 2023	Change since April 2022
Central Equatoria							
Juba	Juba Town	130,806	▲3%	▲67%	12,780	▲16%	▲125%
	Mangala	116,047	▼9%	▲62%	11,619	▲3%	▲99%
Yei	Yei Town	86,791	▲18%	na	8,334	▼15%	na
Eastern Equatoria							
Ikaotos	Ikotos Town	na	na	na	9,259	na	na
Kapoeta South	Kapoeta Town	89,100	▲11%	▲139%	9,790	▲7%	▲104%
Magwi	Magwi Town	67,290	▲20%	na	7,783	▼3%	na
	Mugali	109,846	na	na	8,630	na	na
	Nimule	88,575	▼7%	na	9,935	▲13%	▲100%
Jonglei							
Akobo	Akobo Town	88,894	▲40%	na	10,152	▲41%	na
	Walgak	157,254	▲21%	na	13,684	▲3%	na
Bor South	Bor Town	130,160	▲30%	na	9,929	▼13%	na
	Bor PoC	na	na	na	8,167	na	na
Fangak	Fagwir	145,015	▲8%	na	13,094	▲11%	na
	New Fangak	133,389	▼8%	na	12,609	▲4%	na
	Old Fangak	161,047	▲39%	na	11,153	▼10%	na
Pibor	Pibor Town	na	na	na	13,367	▲7%	▲188%
Twic East	Panyagor	153,763	na	na	12,728	na	na
Lakes							
Awerial	Kalthok	113,008	na	▲208%	10,874	na	▲154%
	Mingkaman	112,808	na	na	10,674	na	▲134%
Yirol East	Nyang	na	na	na	9,667	▲5%	▲210%
Yirol West	Yirol Town	na	na	na	8,367	▼6%	▲103%
Northern Bahr el Ghazal							
Aweil East	Wanyok	60,495	na	►0%	10,590	▲19%	▲128%
	Warawar	na	na	na	10,227	▲21%	▲100%
Aweil North	Ariath	70,329	▼3%	▲191%	8,615	▲5%	▲150%
	Gok-Machar	81,096	▲12%	▲134%	9,545	▲2%	▲98%
Aweil South	MalekAlel	76,326	na	na	8,868	▼5%	▲68%
	Watnuok	75,786	na	na	9,121	▼1%	▲73%
Aweil West	Marial Baai	85,128	▲19%	▲151%	10,031	▲8%	▲107%
	Nyamlel Town	84,602	▲5%	▲140%	9,967	▲9%	▲109%
Unity							
Abiemnhom	Abiemnhom	88,438	na	na	11,226	na	na
Koch	Koch Town	136,958	▲126%	►0%	11,096	▲8%	na
Panyjjar	Ganyel	110,629	▲2%	na	12,000	▼9%	▲119%
	Nyal	65,868	▼35%	▲23%	10,419	▼9%	▲69%
Pariang	AjuongThok RC	86,010	na	▲207%	9,601	▲8%	▲69%
	Pamir RC	63,668	▲1%	▲200%	10,963	▲8%	▲154%
Rubkona	Bentiu	50,194	▲28%	na	10,136	▲9%	▲47%
	Rubkona town	57,507	▲19%	▲34%	11,138	▲10%	▲91%
Upper Nile							
Fashoda	Kodok	37,057	▼49%	na	8,259	▼26%	▲67%
LuakpinyNasir	Jikmir	106,808	na	na	10,243	na	na
	Nasir Town	96,500	na	na	8,701	na	na
Maban	Bunj	82,447	▼8%	na	12,143	►0%	na
	Doro RC	74,068	▲1%	na	10,744	▲4%	na
	Kaya RC	98,835	▲39%	na	11,340	▲15%	na
	Yusuf Batil RC	74,050	▲8%	na	10,839	▲6%	na
Malakal	Malakal PoC	85,140	▲28%	na	10,781	▲4%	na
Malakal	Malakal Town	112,802	▲63%	►0%	14,383	▲32%	na
Renk	Renk town	78,697	na	▲229%	10,748	na	▲214%
Ulang	Uing Town	na	na	na	11,184	na	na
Warap							
Gogrial East	Luonyaker	72,342	▼2%	▲119%	7,786	▲5%	▲86%
Gogrial West	Akon	69,955	▼2%	na	7,859	▲7%	na
	Kuajok	79,607	▲3%	▲122%	7,584	▲2%	▲87%
	Romich	75,680	▲39%	na	7,840	▲5%	na
Tonj East	Warap Town	83,792	▲38%	▲114%	8,049	▲7%	▲74%
Tonj North	Tonj Town	77,093	▲13%	▲112%	8,017	▲4%	▲66%
Tonj South	Turalei	88,340	na	na	9,314	na	▲61%
Twic	Wunrok	91,495	na	▲76%	10,283	na	▲66%
Western Bahr el Ghazal							
Wau	Raja Town	90,140	na	na	10,532	▲30%	na
	Wau Town	71,000	▲9%	▲96%	8,800	▲3%	▲93%
Western Equatoria							
Mundri East	Lui	93,133	na	▲89%	8,785	na	▲86%
Mundri West	Mundri Town	88,457	na	▲187%	8,341	na	▲95%
Mvolo	Mvolo Town	na	na	na	7,985	▲11%	▲107%
Nazara	Nzara Town	78,729	▲47%	▲201%	8,877	►0%	▲111%
Yambio	Yambio Town	72,460	▲39%	▲227%	7,119	▼9%	▲92%
Overall		86,010	▲20%	▲130%	10,031	▲9%	▲116%

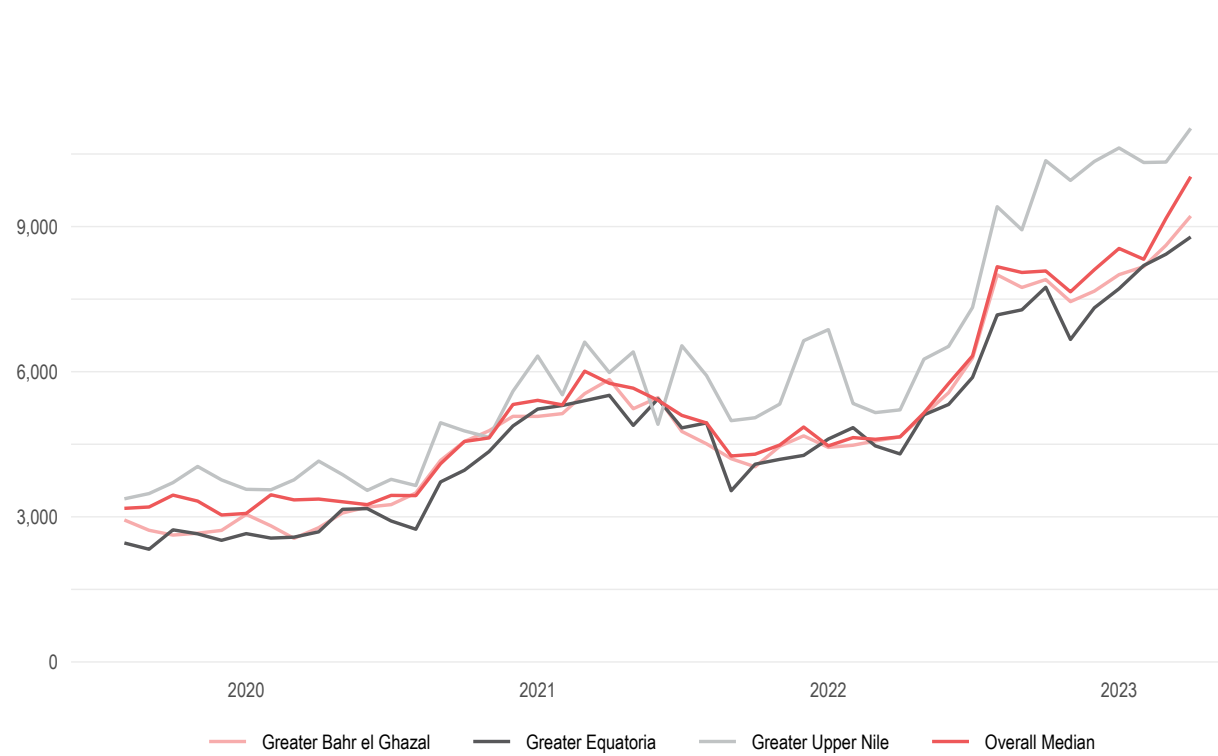
MSSMEB FOOD BASKET OVER TIME⁵

Aug 2019 - April 2023 in SSP



FOOD PRICE INDEX OVER TIME⁵

Aug 2019 - April 2023 in SSP



⁵ The food price index was calculated by adding up the median prices of one unit of each assessed food item. Where the median value is not available, the median price across all locations was used for the calculation of the index.

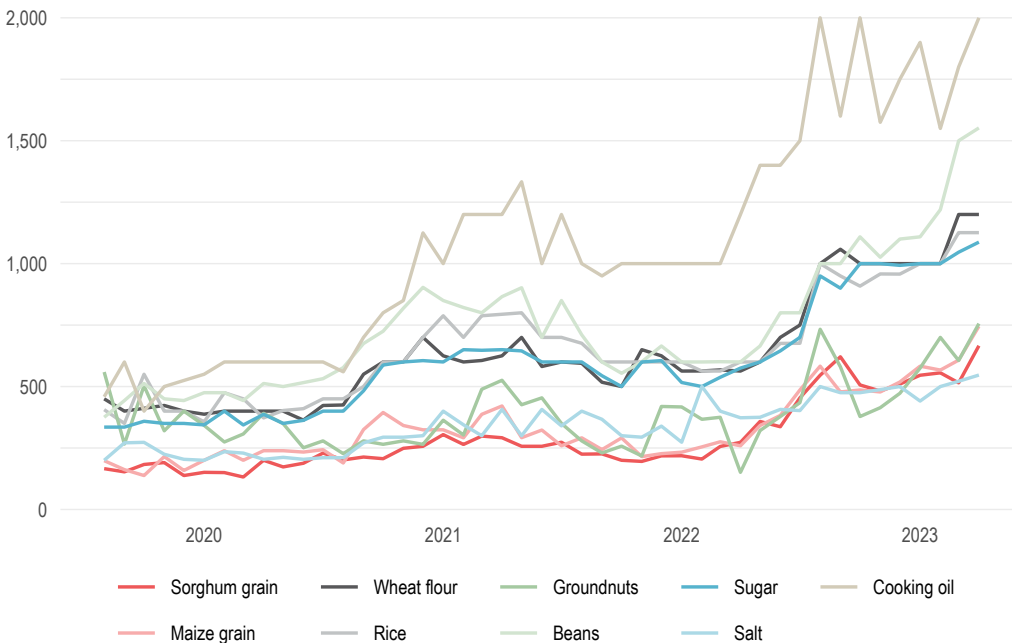
PRICES OF MONITORED ITEMS

Item	Unit	Median price in SSP	Change since March 2023	Change since April 2022	Median price in USD
Food Items					
Sorghum grain	1 kg	666	▲29%	▲144%	0.77
Maize grain	1 kg	745	▲23%	▲188%	0.86
Wheat flour	1 kg	1,200	►0%	▲113%	1.39
Rice	1 kg	1,145	▲2%	▲91%	1.32
Groundnuts	1 kg	756	▲25%	▲401%	0.87
Beans	1 kg	1,552	▲3%	▲159%	1.79
Sugar	1 kg	1,088	▲9%	▲99%	1.26
Salt	1 kg	547	▲5%	▲47%	0.63
Cooking oil	1 kg	2,000	▲11%	▲67%	2.31
Water*	1 L	300	▲9%	▲116%	na
Non-Food Items					
Soap	200 g	333	►0%	▲67%	0.38
Jerrycan	1 pc	2,000	▲25%	▲78%	2.31
Mosquito net	1 pc	3,000	▲20%	▲100%	3.47
Exercise book	1 pc	500	►0%	▲100%	0.58
Blanket	1 pc	5,000	▼34%	▲11%	5.78
Cooking pot	1 pc	5,950	▼1%	▲32%	6.88
Plastic sheet	1 pc	8,875	▲11%	▲27%	10.26
Pole	1 pc	1,425	▲43%	▲54%	1.65
Firewood	1bundle	700	▲10%	▲40%	0.81
Charcoal	1 kg	150	▲9%	▲29%	0.17
Rubber rope	1 roll	8,000	▲220%	na	9.25
Kanga	1 roll	6,000	▲26%	na	6.94
Solar lamp	1 pc	4,000	▼14%	na	4.62
Aqua tab	1 strip	600	▼77%	na	0.69
Plastic bucket	1 pc	3,500	▲40%	na	4.05
Sanitary pads	1 pc	550	▼12%	na	0.64
Pen	1 pc	200	▲14%	na	0.23
Pencil	1 pc	100	►0%	na	0.12
Rubber	1 pc	113	▲13%	na	0.13
Sharpener	1 pc	100	►0%	na	0.12
Livestock					
Goat	1 goat	25,000	▲25%	▲79%	28.90
Chicken	1chicken	3,250	▲8%	▲30%	3.76
Services					
Milling costs	1 kg	86	►0%	▲100%	0.10
Currencies					
US dollar	1 USD	865	▲6%	▲99%	
Sudanese pound	1 SDG	9.90	▲658%	na	
Ethiopian biir	1 ETB	na	na	na	
Ugandan shilling	1 UGX	1.25	▲456%	na	
Kenyan shilling	1 KES	5.40	▼25%	na	

* Prices only collected for Juba Town

FOOD PRICES OVER TIME

Aug 2019 - April 2023 in SSP



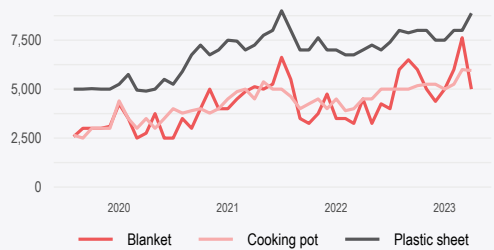
NFI PRICES OVER TIME

Aug 2019 - April 2023 in SSP



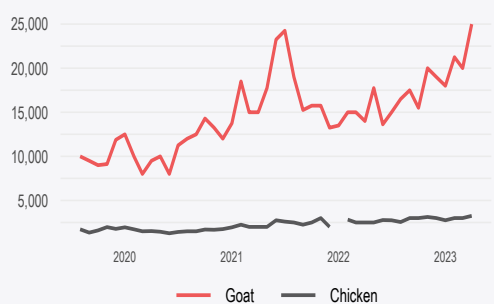
NFI PRICES OVER TIME CONT.

Aug 2019 - April 2023 in SSP

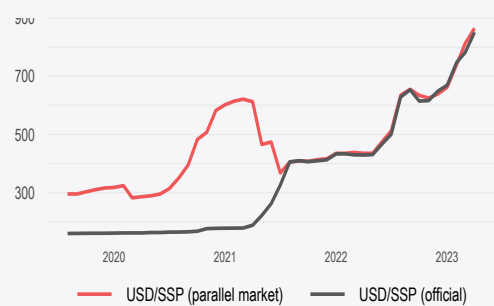


LIVESTOCK PRICES OVER TIME

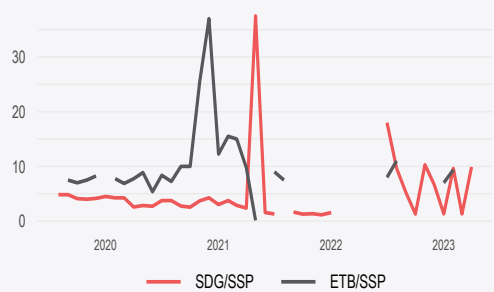
Aug 2019 - April 2023 in SSP



USD EXCHANGE RATE OVER TIME



OTHER EXCHANGE RATES OVER TIME (Parallel market rates)

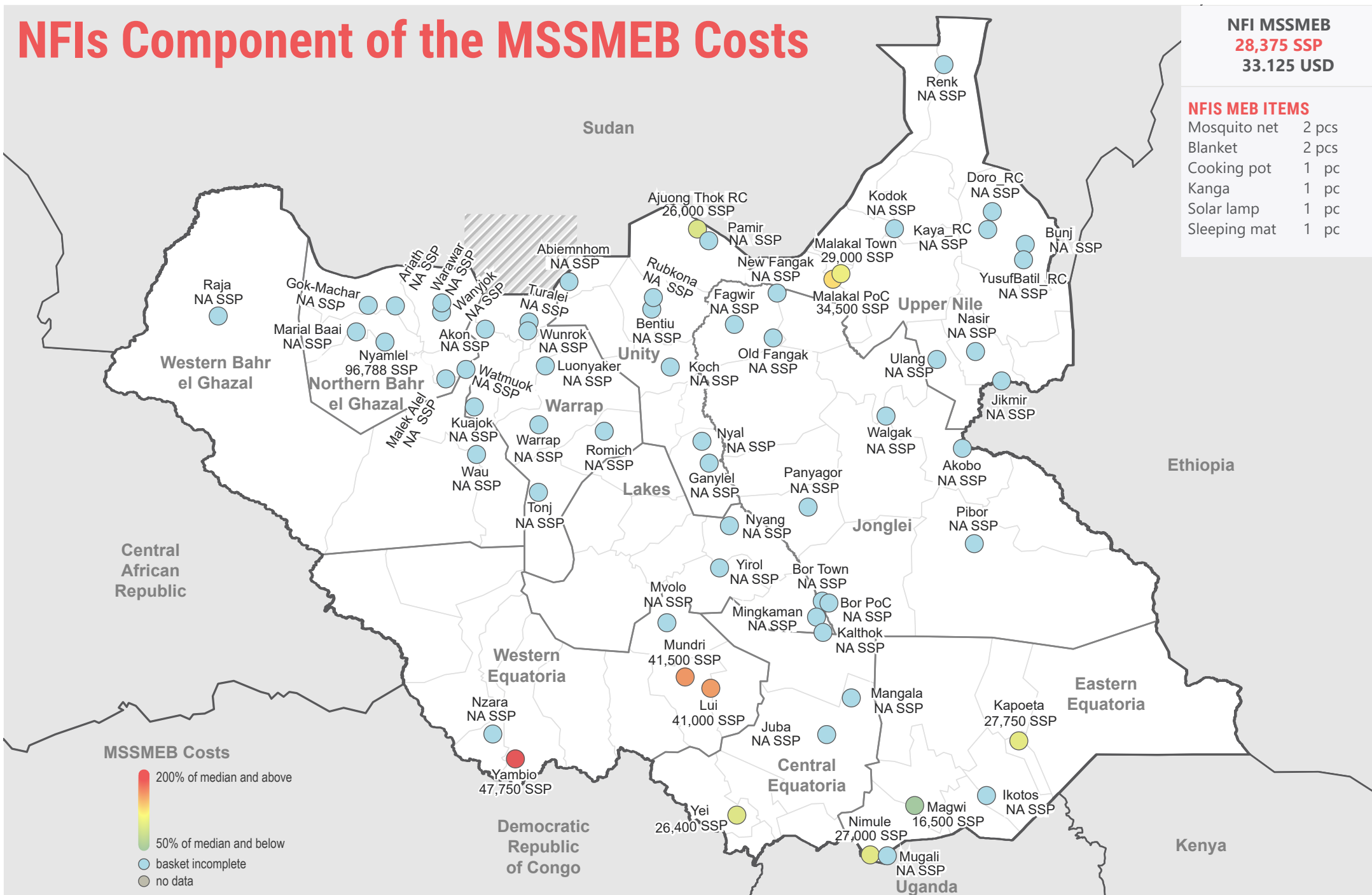


NFIs Component of the MSSMEB Costs

NFI MSSMEB
28,375 SSP
33.125 USD

NFIS MEB ITEMS

Mosquito net	2 pcs
Blanket	2 pcs
Cooking pot	1 pc
Kanga	1 pc
Solar lamp	1 pc
Sleeping mat	1 pc



Shelter Component of the MSSMEB Costs

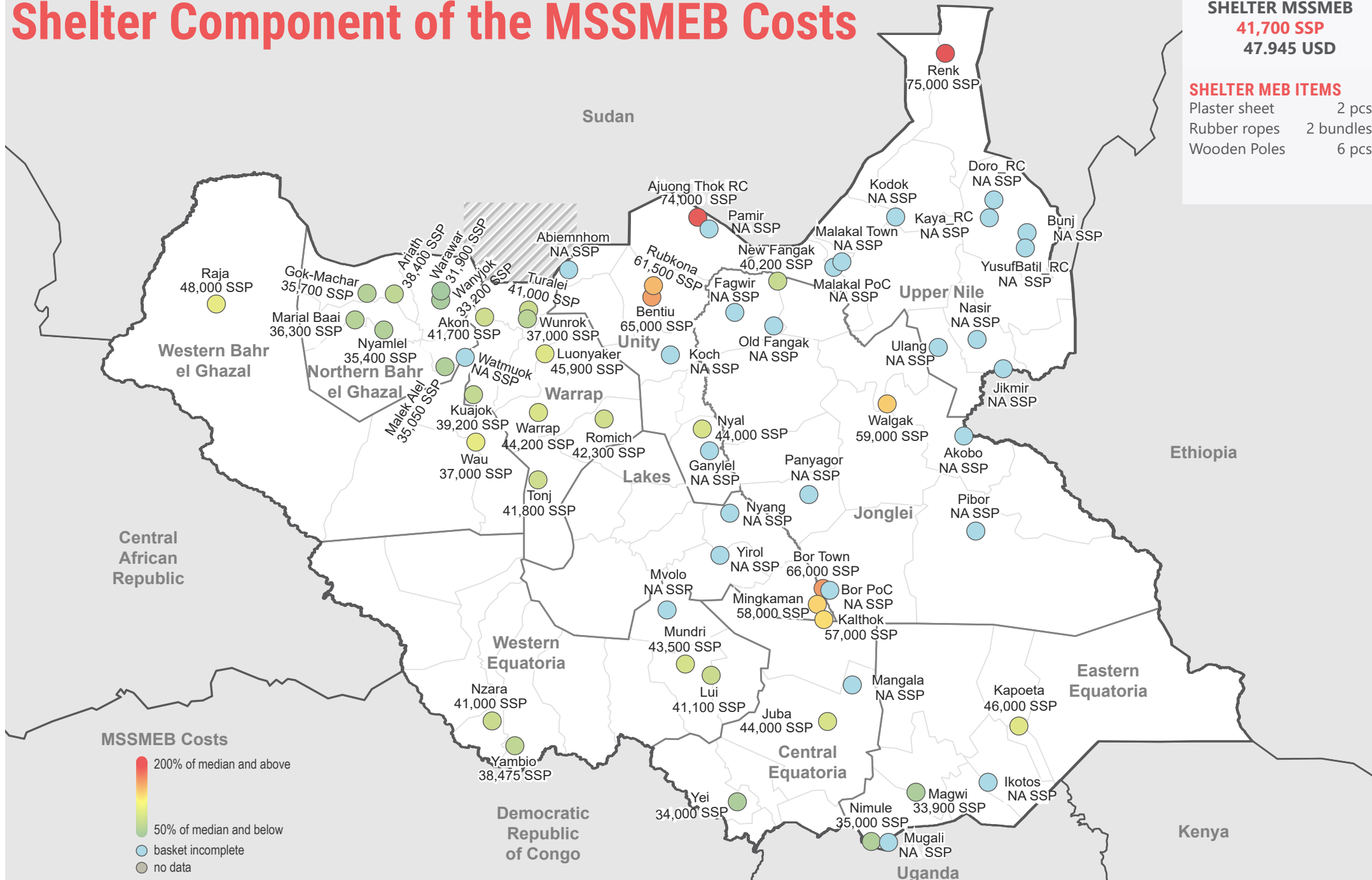
SHELTER MSSMEB

41,700 SSP

47.945 USD

SHELTER MEB ITEMS

Plaster sheet	2 pcs
Rubber ropes	2 bundles
Wooden Poles	6 pcs



WASH Component of the MSSMEB Costs

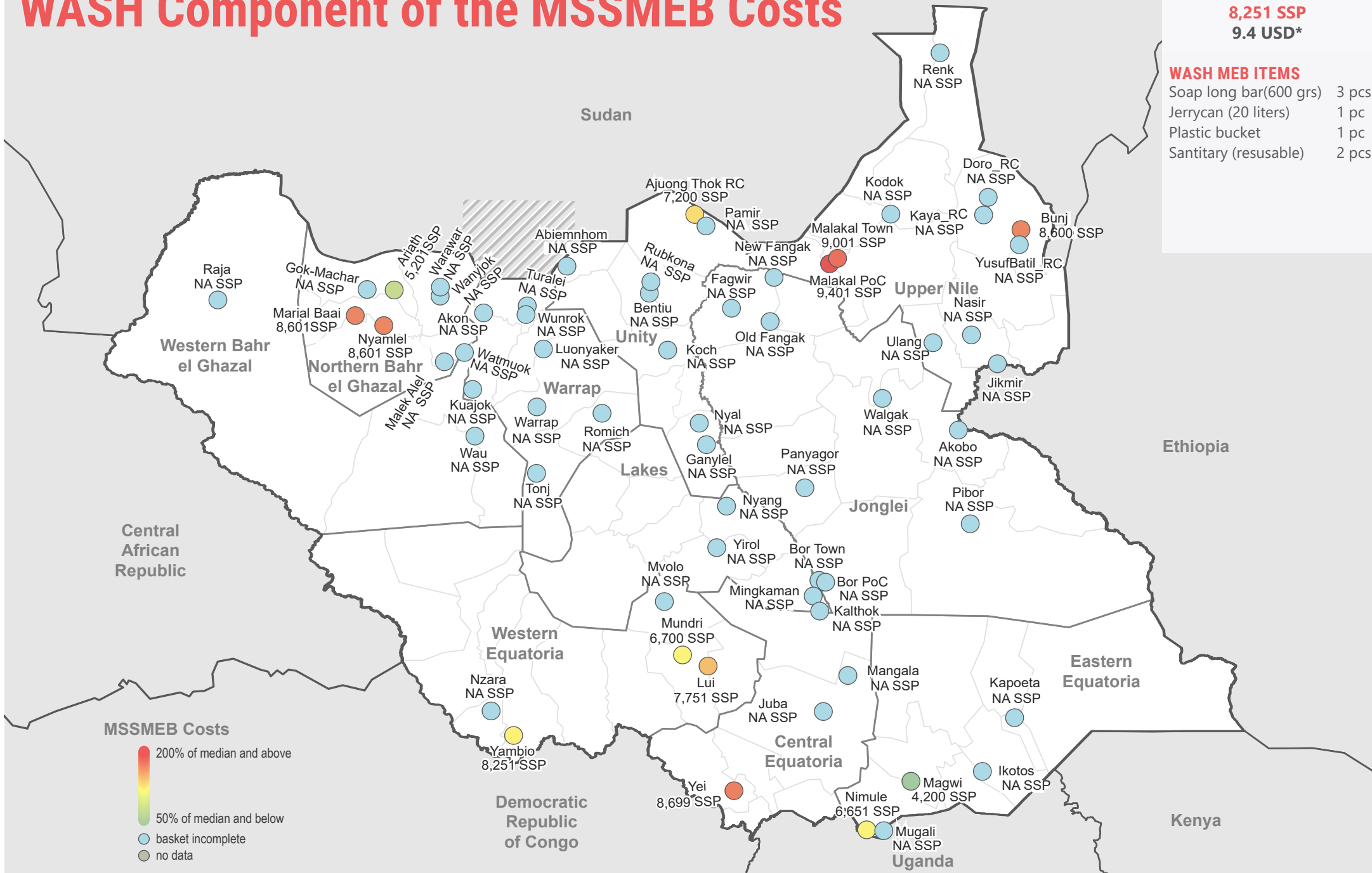
WASH MSSMEB¹

8,251 SSP

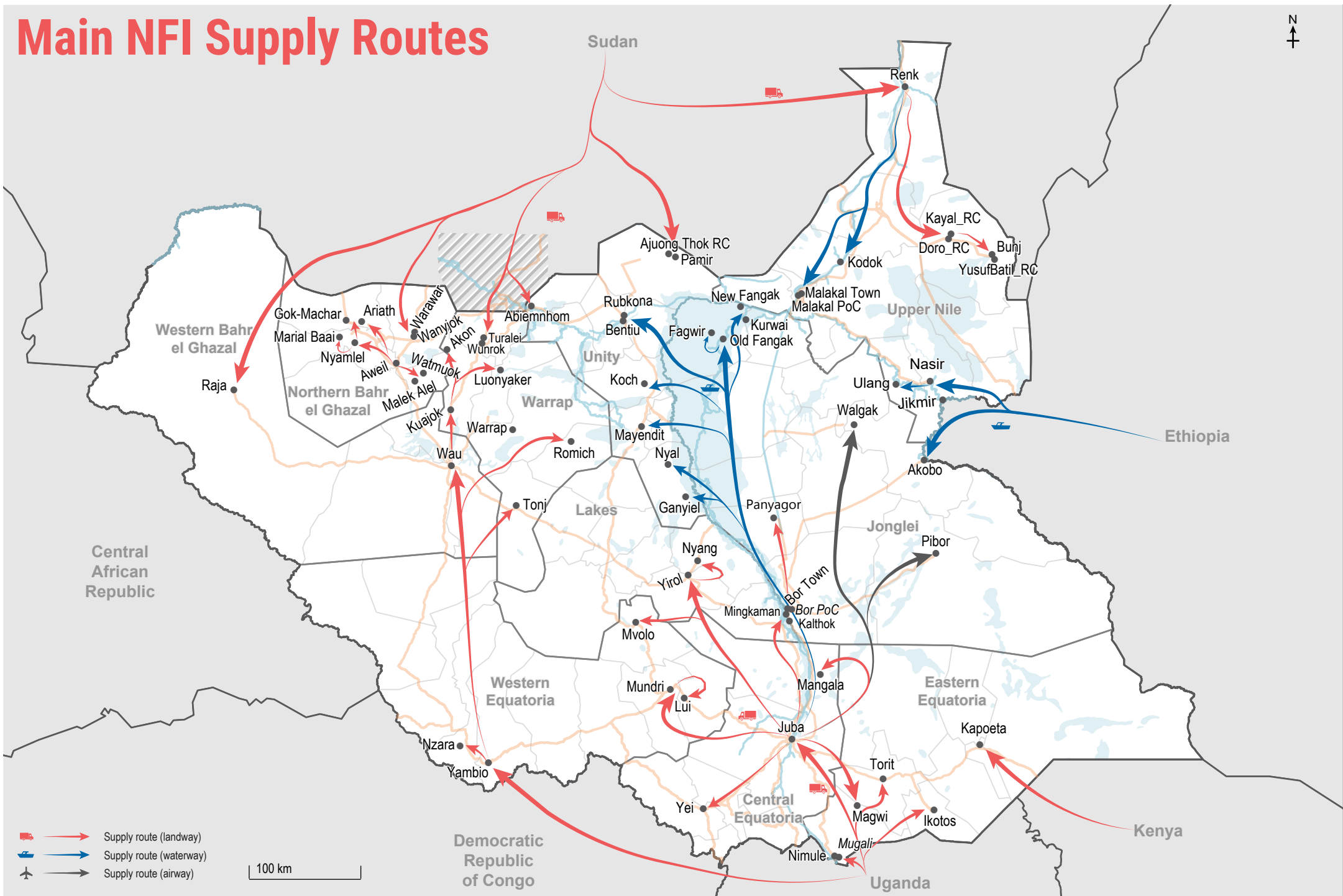
9.4 USD*

WASH MEB ITEMS

Soap long bar(600 grs)	3 pcs
Jerrycan (20 liters)	1 pc
Plastic bucket	1 pc
Sanitary (resusable)	2 pcs

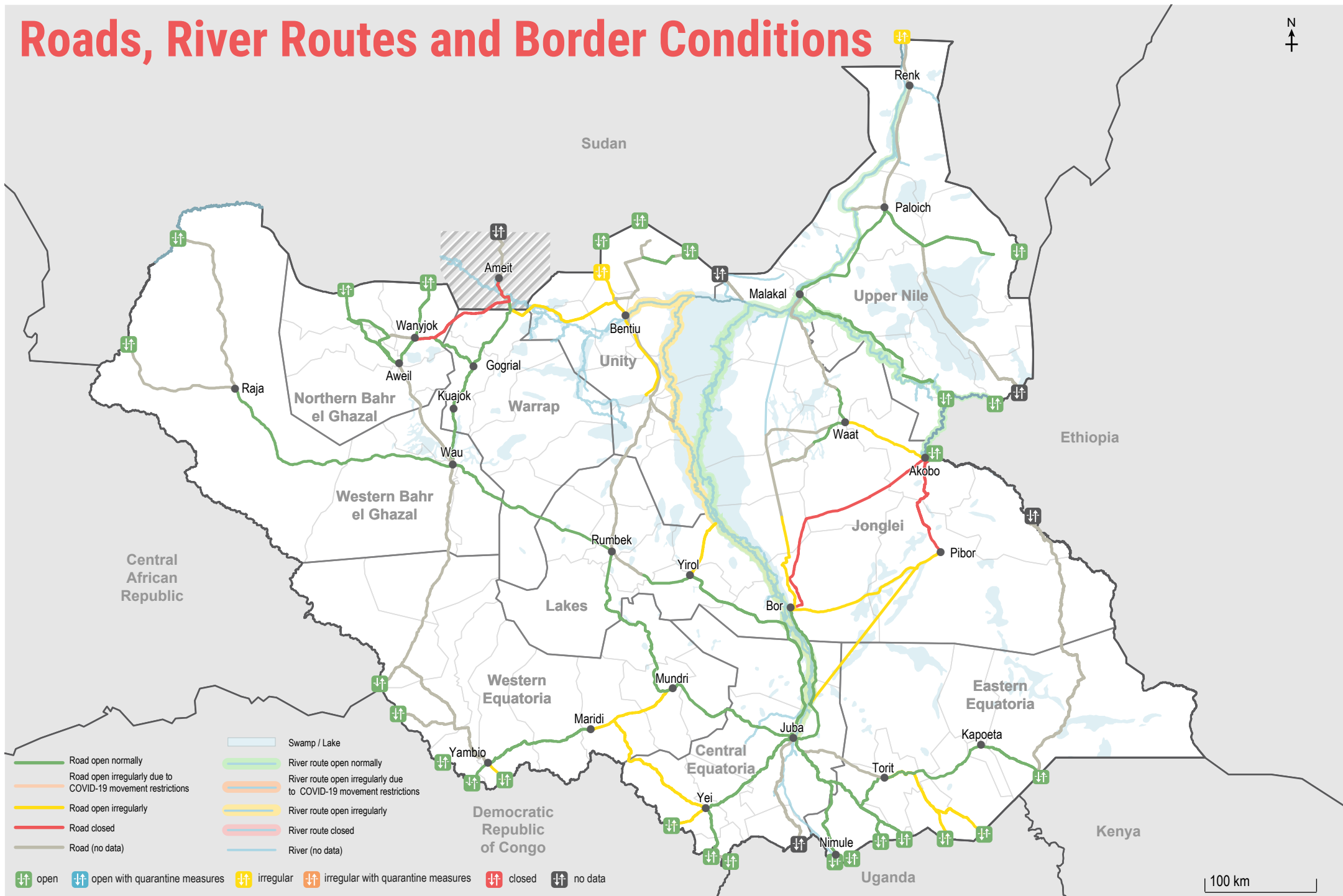


Main NFI Supply Routes



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.

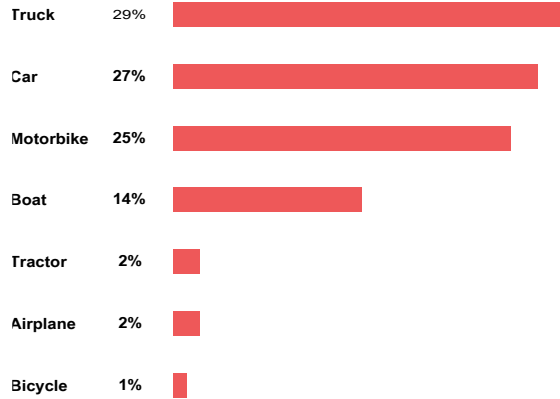
Roads, River Routes and Border Conditions



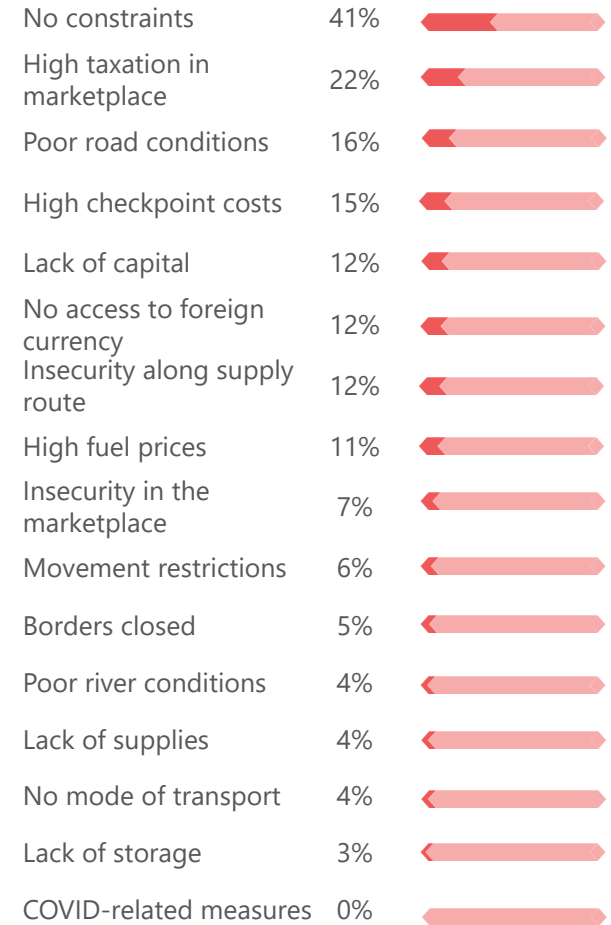
The map illustrates the reported road, river route and border crossing conditions at the time of data collection. The results are indicative of trade activity only.

Additional Indicators

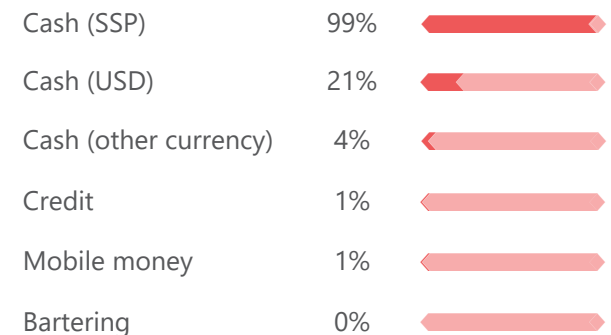
Primary modes of transport for restocking local cereals reported by traders



Reported restocking constraints*



Accepted payment modalities*



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

5 days

median time to restock locally produced cereals from out of town



54% of staple cereal traders reported restocking from a local producer

14 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



32% of traders reported restocking NFIs from a wholesaler in town

61% of food traders expect price increases

28% of food traders do not expect price changes

4% of food traders expect price decreases

7% of food traders do not have any price expectations



57% of non-food traders expect price increases

31% of non-food traders do not expect price changes

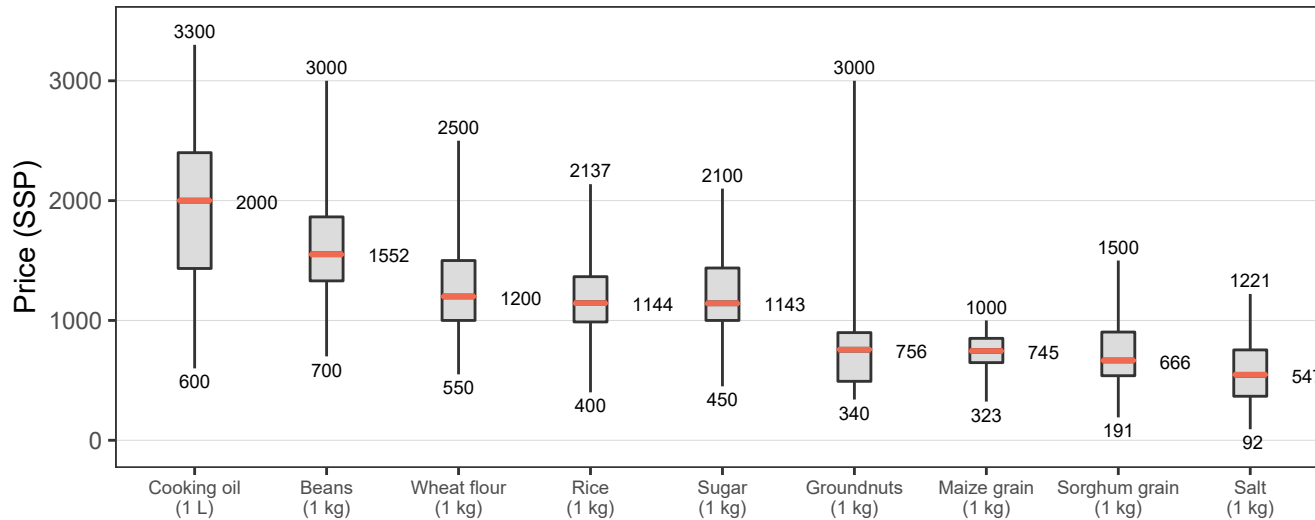
3% of non-food traders expect price decreases

9% of non-food traders do not have any price expectations

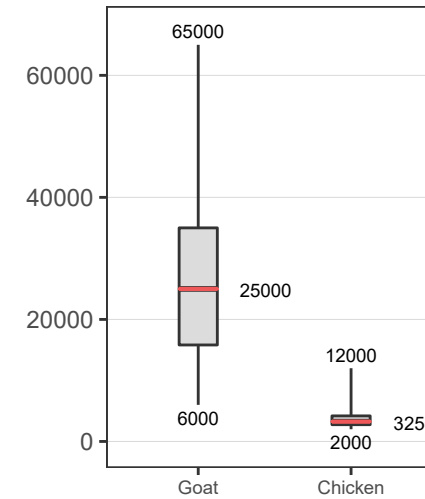


Distribution of Prices

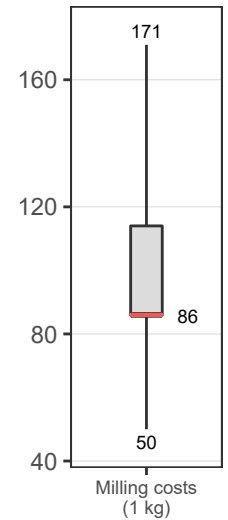
Food Items



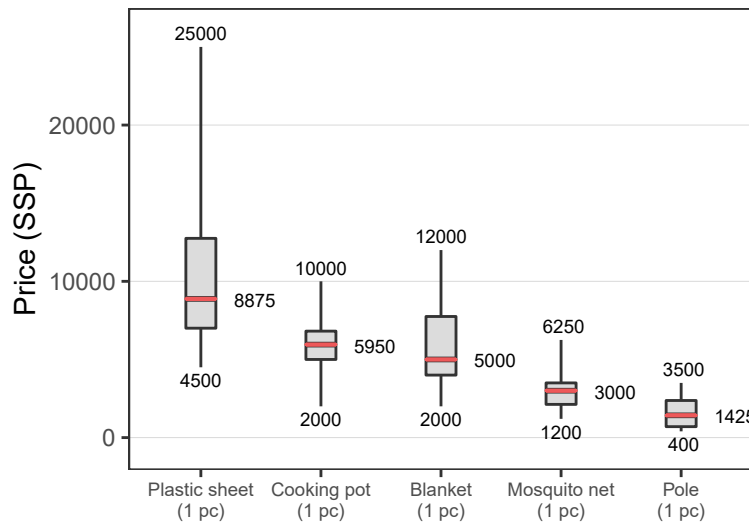
Livestock



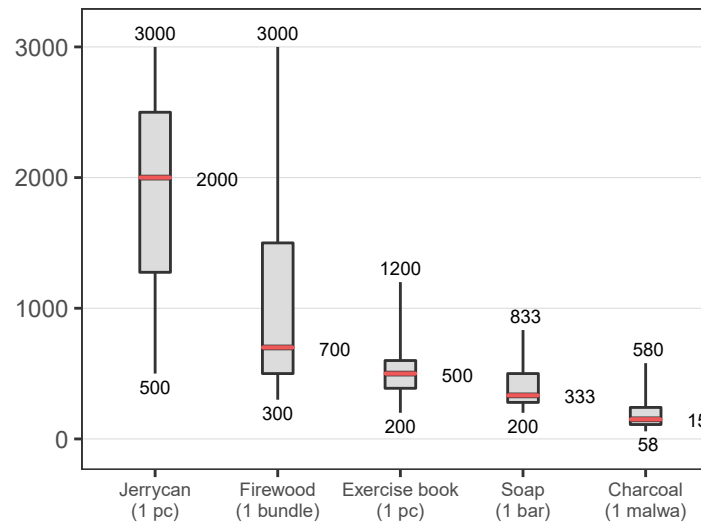
Services



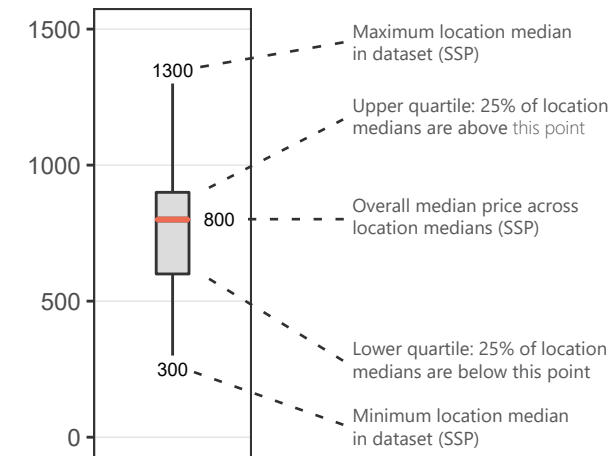
NFIs



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) (CONTINUED)

County	Location	Pole (1 pc)	Firewood (1 ban)	Charcoal (50 kG)	Goat (1 unit)	Chicken (1 unit)	Milling costs (1 kg)	Rubber Rope (1 roll)	Kanga (1 roll)	Solar Lamp (1 pc)	Aqua Tab (1 strip)	Plastic Bucket (1 pc)	Sanitary Pads (1 pc)	Pen (1 pc)	Pencil (1 pc)	Rubber (1 pc)	Sharpen (1 pc)
Central Equatoria																	
Juba	Juba Town	3000	1500	290	na	12000	114	na	na	na	na	na	na	100	100	150	100
	Mangala	2000	na	164	na	na	86	na	na	na	na	na	na	na	na	300	na
Yei	Yei Town	1000	350	116	30000	5000	50	na	6750	2250	na	3000	1500	na	na	na	na
Eastern Equatoria																	
Ikotos	Ikotos Town	na	1000	na	25000	4000	na	na	na	9000	na	na	na	150	100	100	100
Kapoeta South	Kapoeta Town	3000	na	112	25000	2000	57	na	1700	na	na	na	na	na	na	na	na
Magwi	Magwi Town	900	500	138	na	na	na	na	1500	3000	na	1500	500	300	100	100	250
	Mugali	na	na	na	na	6000	na	na	na	na	na	na	na	na	na	na	na
	Nimule	500	1000	290	na	8000	100	na	4000	na	na	na	550	200	100	100	100
Jonglei																	
Akobo	Akobo	3000	500	415	30000	3000	na	na	na	na	na	na	na	300	150	na	na
	Walgak	2000	1500	155	na	2500	na	na	na	na	na	na	na	na	na	na	na
Bor South	Bor Town	3000	3000	290	60000	4000	na	na	na	na	na	na	na	200	150	200	500
	Bor PoC	na	1714	241	na	na	na	na	na	na	na	na	na	200	na	na	na
Fangak	Fagwir	na	na	na	na	na	na	na	na	na	na	na	na	200	na	na	na
	New Fangak	700	600	138	25000	2000	171	na	na	na	na	na	na	175	na	na	na
	Old Fangak	na	na	172	na	na	160	na	na	na	na	na	na	200	na	na	na
Pibor	Pibor Town	na	300	290	27500	na	150	na	na	na	na	na	na	na	na	na	na
Twic East	Panyagor	na	na	241	na	na	114	na	na	na	na	na	na	na	na	na	na
Lakes																	
Awerial	Kalthok	1500	1500	290	62500	6000	57	na	na	na	na	na	na	200	100	na	na
	Mingkaman	2000	2250	290	60000	6000	57	na	na	na	na	na	na	200	100	100	100
Yirol East	Nyang	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
Yirol West	Yirol Town	na	1500	174	45000	na	na	na	na	na	na	na	na	200	na	na	na
Northern Bahr el Ghazal																	
Aweil East	Wanyjok	600	475	166	15000	2650	86	na	na	na	na	na	na	200	100	na	na
	Warawar	650	1800	83	15250	2500	86	na	na	na	na	na	na	200	100	na	na
Aweil North	Ariath	400	500	87	20000	2500	86	na	na	na	na	2000	na	200	50	50	50
	Gok-Machar	950	450	103	13250	3250	86	na	na	na	na	na	na	200	150	na	na
Aweil South	MalekAlel	675	650	166	19000	3150	57	na	na	na	na	na	na	200	na	na	na
	Watmuok	500	500	126	17500	2650	86	na	na	na	na	na	na	200	na	na	na
Aweil West	Marial Baai	1050	475	103	na	na	86	na	na	na	na	4000	na	200	150	na	na
	Nyamlel Town	900	500	103	na	na	86	na	na	na	na	4000	na	200	150	na	na
Unity																	
Koch	Abiemnhom Town	3000	3000	155	na	na	na	na	na	na	na	na	na	200	100	na	na
Koch	Koch Town	2000	3000	103	20000	na	na	na	na	na	na	na	na	100	100	na	na
Panyijiar	Ganylel	na	3000	190	na	na	na	na	na	na	na	na	na	na	na	na	na
	Nyal	2000	2500	415	25000	3500	na	na	na	na	na	na	na	na	na	na	na
Pariang	AjuongThok RC	3000	600	na	na	na	93	na	6000	5000	na	na	500	na	na	na	na
	Pamir RC	na	na	85	na	na	86	na	na	na	na	na	na	na	na	na	na
Rubkona	Bentiu	3000	600	249	18500	2500	na	na	na	na	na	na	na	225	150	225	300
	Rubkona town	3000	600	166	21500	2750	na	na	na	na	na	na	na	250	150	225	225
Upper Nile																	
Fashoda	Kodok	3500	na	58	25000	2000	86	na	na	na	na	na	na	na	na	na	na
LuakpinyNasir	Jikmir	500	1000	na	na	na	na	na	na	na	na	5000	na	200	150	300	300
	Nasir	500	2000	290	40000	2000	na	na	na	na	na	na	na	na	200	200	200
Maban	Bunji	3000	500	58	65000	6000	114	na	na	na	na	5000	na	200	100	100	100
	Doro_RC	2750	500	58	47500	5500	86	na	na	na	na	na	na	100	50	na	na
	Kaya_RC	na	na	116	45000	na	115	na	na	na	na	na	na	100	na	na	na
	YusufBatil RC	na	na	116	37500	5500	86	na	na	na	na	na	na	100	na	na	na
Malakal	Malakal PoC	na	300	241	35000	3750	71	na	5000	4000	na	na	1200	150	50	100	100
	Malakal Town	na	500	293	35000	5000	86	na	9000	8500	600	5000	500	200	150	na	550
Renk	Renk Town	1500	400	103	na	4250	57	na	na	na	na	na	na	300	200	na	200
Ulang	Ulang Town	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
Warrap																	
Gogrial East	Luonyaker	650	600	102	7000	2750	86	na	na	na	na	na	na	100	na	na	na
Gogrial West	Akon	950	700	119	13500	3250	129	na	na	na	na	na	na	100	70	80	70
	Kuajok	700	700	110	8500	3250	86	na	na	na	na	na	na	50	na	na	na
Tonj East	Romich	800	500	121	6500	2750	107	na	na	na	na	na	na	75	90	80	70
Tonj North	Warrap Town	700	950	116	8000	3000	86	na	na	na	na	na	na	100	na	na	na
Tonj South	Tonj Town	800	300	121	8500	3250	93	na	na	na	na	na	na	100	na	na	na
Twic	Turalei	2500	1700	580	6000	2750	143	na	na	na	na	na	na	na	na	na	na
	Wunrok	2000	1800	580	6500	2750	157	na	na	na	na	na	na	na	na	na	na
Western Bahr el Ghazal																	
Wau	Raja Town	2000	na	na	25000	3000	114	na	na	na	na	na	na	100	100	50	50
	Wau Town	1000	1250	145	18000	3500	129	na	na	na	na	na	na	100	100	200	200
Western Equatoria																	
Mundri East	Lui	1350	800	103	25000	3500	114	na	7500	3500	na	3500	na	200	150	300	350
Munderi West	Munderi Town	1750	1000	121	25000	3750	100	na	8000	3500	na	2500	na	200	150	200	350
Mvolo	Mvolo Town	na	na	181	na	na	60	na	na	na	na	na	na	na	na	na	na
Nzara	Nzara Town	1500	500	na	39000	na	na	na	na	na	na	na	na	200	100	50	50
Yambio	Yambio Town	663	2000	164	32500	4000	86	8000	6000	8750	na	3250	1100	200	100	125	100
Overall median		1,425	700	150	25,000	3,250	86	8,000	6,000	4,000	600	3,500	550	200	100	113	100

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	Grodnuts (shelled)	Beans	Sugar	Salt	Cooking oil	Soap	Jerrycan	Mosquito net	Exercise book	Blanket	Cooking pot	Plastic sheet
Central Equatoria																	
Juba	Juba Town	60	41	30	21	21	21	18	21	21	21	21	21	21	21	na	na
	Mangala	30		30	60	60	14	34	na	na	22	45	na	60	na	na	na
Yei	Yei Town	18	21	28	26	14	25	21	60	21	30	na	na	na	na	na	45
Eastern Equatoria																	
Ikotos	Ikotos Town	60	na	na	na	na	na	na	30	30	45	30	30	60	30	na	na
Kapoeta South	Kapoeta Town	7	5	7	18	na	7	7	29	7	14	na	na	na	na	na	25
Magwi	Magwi Town	60	30	30	30	na	30	30	42	30	30	60	na	60	60	na	60
	Mugali	14	7	60	na	na	na	30	na	60	na	na	na	na	na	na	na
	Nimule	11	14	14	14	14	14	14	21	7	14	21	21	18	25	na	18
Jonglei																	
Akobo	Akobo Town	na	14	na	30	na	30	60	na	60	21	na	21	na	na	na	na
	Walgak	41	na	28	28	na	na	35	48	35	35	35	na	na	na	na	na
Bor South	Bor Town	14	na	60	21	na	18	18	21	18	18	na	na	na	60	na	na
	Bor PoC	na	na	14	22	na	26	30	7	60	21	na	na	na	na	na	na
Fangak	Fagwir	14	na	19	na	na	na	21	10	14	37	7	na	na	na	na	na
	New Fangak	60	na	60	36	na	29	60	21	30	32	56	na	na	na	na	na
	Old Fangak	8	14	5	5	na	na	33	30	na	60	21	na	na	na	na	na
Pibor	Pibor Town	na	na	na	na	na	na	na	na	na	60	na	na	na	na	na	na
Twic East	Panyagor	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na
Lakes																	
Awerial	Kalthok	45	45	60	60	60	60	60	60	60	30	22	30	na	na	na	na
	Mingkaman	na	60	60	60	60	60	60	60	60	60	60	na	30	na	na	na
Yirol East	Nyang	na	na	30	30	na	60	22	14	21	21	na	na	na	na	na	na
Yirol West	Yirol Town	na	na	30	30	na	45	41	60	60	21	30	na	na	na	na	na
Northern Bahr el Ghazal																	
Aweil East	Wanyjok	5	na	5	5	6	10	5	6	5	5	6	na	na	na	na	na
	Warawar	na	na	na	na	5	6	na	na	6	5	5	6	na	na	na	na
Aweil North	Ariath	18	na	45	30	18	7	60	30	21	21	na	na	na	na	na	na
	Gok-Machar	60	na	60	60	60	na	60	na	60	60	60	60	na	na	na	na
Aweil South	MalekAlel	na	na	na	5	na	14	5	5	na	na	11	na	na	na	na	na
	Watmuok	na	na	5	na	na	na	na	5	na	na	11	na	na	na	na	na
Aweil West	Marial Baai	60	na	60	60	60	60	60	na	45	60	60	30	na	na	na	na
	Nyamlel Town	60	na	60	37	60	60	60	60	60	na	45	60	na	na	na	na
Unity																	
Koch	Abiemnhom Town	22	na	30	30	14	na	30	14	60	30	60	60	na	na	na	na
Koch	Koch Town	14	30	30	30	na	30	30	30	30	30	30	30	na	na	na	na
Panyijiar	Ganylel	30	na	14	21	30	26	22	22	22	22	na	na	na	na	na	na
	Nyal	30	21	30	30	na	60	14	30	30	30	na	na	na	na	na	na
Pariang	AjuongThok RC	na	na	60	na	na	na	60	na	45	60	na	na	na	na	na	na
	Pamir RC	18	na	21	30	na	na	30	45	18	30	na	na	na	na	na	na
Rubkona	Bentiu	21	11	21	39	35	28	46	39	32	39	35	32	28	25	na	na
	Rubkona town	21	11	28	32	35	42	46	39	28	42	25	14	39	35	na	na
Upper Nile																	
Fashoda	Kodok	60	na	21	60	7	18	na	18	21	28	na	na	na	na	na	na
LuakpinyNasir	Jikmir	21	na	12	14	na	na	8	30	21	22	60	60	na	na	na	na
	Nasir	30	21	30	33	na	37	60	20	23	37	60	na	na	na	na	na
Maban	Bunj	11	na	7	11	na	18	7	14	11	7	14	14	14	14	na	na
	Doro RC	21	na	7	7	7	na	14	14	14	14	14	21	na	na	na	na
	Kaya RC	19	na	6	10	60	na	7	21	7	14	45	na	na	na	na	na
	YusufBatil RC	14	na	26	30	14	na	18	45	14	30	45	na	na	na	na	na
Malakal	Malakal PoC	14	na	14	18	18	18	14	14	18	14	14	18	14	14	na	21
	Malakal Town	21	10	14	14	35	60	14	na	30	28	na	60	na	60	60	60
Renk	Renk Town	5	na	na	5	5	5	na	21	6	6	5	6	na	7	na	na
Ulang	Ulang Town	18	60	6	14	60	17	6	30	14	10	na	na	na	na	na	na
Warrap																	
Gogrial East	Luonyaker	21	na	21	21	21	21	21	21	21	21	21	na	na	na	na	na
Gogrial West	Akon	21	na	21	21	21	21	25	21	21	21	28	28	21	na	na	na
	Kuajok	25	na	21	21	28	21	21	21	21	21	25	na	na	na	na	na
Tonj East	Romich	28	na	21	21	21	21	21	21	21	21	25	21	21	30	na	na
Tonj North	Warrap Town	21	na	21	21	21	28	21	21	21	21	21	na	na	na	na	na
Tonj South	Tonj Town	21	na	25	21	21	25	21	21	21	28	21	na	na	na	na	na
Twic	Turalei	21	21	25	44	14	21	21	21	21	na	na	na	na	na	na	na
	Wunrok	14	14	21	21	14	14	28	na	na	21	na	na	na	na	na	na
Western Bahr el Ghazal																	
	Raja Town	21	14	14	14	7	21	12	30	6	11	7	7	7	7	na	na
Wau	Wau Town	26	30	21	26	26	26	26	26	26	26	30	26	30	30	na	na
Western Equatoria																	
Mundri East	Lui	14	21	21	10	14	21	21	6	13	14	7	6	7	6	na	21
Mundri west	Mundri Town	18	10	14	14	21	10	14	14	6	21	14	6	21	21	na	21
Mvolo Town	Mvolo Town	na	na	34	60	na	60	60	na	60	60	na	na	na	na	na	na
Nzara	Nzara Town	8	32	6	21	na	48	32	35	32	42	32	49	21	47	na	na
Yambio	Yambio Town	10	6	11	14	14	14	14	14	14	14	30	45	5	45	14	21

na : no stock level data available

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

MEDIAN STOCK LEVELS PER LOCATION (in days) (CONTINUED)

County	Location	Rubber Rop	Kanga	Solar Lamp	Aqua Tab	Plastic Bucket	Sanitary Pad	Pen	Pencil	Rubber	Sharpener	Median time to restock local staple cereals	Median time to restock imported food items	Median time to restock NFIs
Central Equatoria														
Juba	Juba Town	na	na	na	na	na	na	21	21	21	21	10	25	20
	Mangala	na	na	na	na	na	na	45	na	60	na	na	1	1
Yei	Yei Town	na	45	60	na	25	21	na	na	na	na	na	7	8
Eastern Equatoria														
Ikotos	Ikotos Town	na	na	na	na	na	na	30	30	60	30	na	10	5
Kapoeta South	Kapoeta Town	na	25	na	na	na	na	na	na	na	na	na	8	4
Magwi	Magwi Town	na	60	60	na	60	60	60	na	60	60	1	1	2
	Mugali	na	na	na	na	na	na	na	na	na	na	7	5	2
	Nimule	na	18	na	na	na	18	21	21	18	25	na	2	2
Jonglei														
Akobo	Akobo Town	na	na	na	na	na	na	na	21	na	na	na	14	14
Akobo	Walgak	na	na	na	na	na	na	35	na	na	na	4	22	5
Bor South	Bor Town	na	na	na	na	na	na	na	na	na	60	na	2	2
	Bor PoC	na	na	na	na	na	na	na	na	na	na	na	30	10
Fangak	Fagwir	na	na	na	na	na	na	7	na	na	na	na	15	15
	New Fangak	na	na	na	na	na	na	56	na	na	na	5	14	13
	Old Fangak	na	na	na	na	na	na	21	na	na	na	na	25	13
Pibor	Pibor Town	na	na	na	na	na	na	na	na	na	na	na	4	4
Twic	Panyagor	na	na	na	na	na	na	na	na	na	na	3	3	3
Lakes														
Awerial	Kalthok	na	na	na	na	na	na	22	30	na	na	na	na	na
	Mingkaman	na	na	na	na	na	na	60	na	30	na	na	na	na
Yirol East	Nyang	na	na	na	na	na	na	na	na	na	na	na	3	3
Yirol West	Yirol Town	na	na	na	na	na	na	30	na	na	na	na	8	8
Northern Bahr el Ghazal														
Aweil East	Wanyjok	na	na	na	na	na	na	6	na	na	na	na	5	5
	Warawar	na	na	na	na	na	na	5	6	na	na	na	na	na
Aweil North	Ariath	na	na	na	na	18	na	na	na	na	na	na	5	4
	Gok-Machar	na	na	na	na	na	na	60	60	na	na	na	na	na
Aweil South	MalekAlel	na	na	na	na	na	na	11	na	na	na	na	1	1
	Watmuok	na	na	na	na	na	na	11	na	na	na	na	1	1
Aweil West	Marial Baai	na	na	na	na	60	na	60	30	na	na	na	na	na
	Nyamlel Town	na	na	na	na	60	na	45	60	na	na	na	na	na
Unity														
Koch	Abiemnhom Town	na	na	na	na	na	na	60	60	na	na	na	4	5
Koch	Koch Town	na	na	na	na	na	na	30	30	na	na	na	30	30
Panyijiar	Ganylel	na	na	na	na	na	na	na	na	na	na	na	18	11
	Nyal	na	na	na	na	na	na	na	na	na	na	na	na	16
Pariang	AjuongThok RC	na	na	na	na	na	na	na	na	na	na	na	14	na
	Pamir RC	na	na	na	na	na	na	na	na	na	na	4	12	8
Rubkona	Bentiu	na	na	na	na	na	na	35	32	28	25	8	8	8
	Rubkona town	na	na	na	na	na	na	25	14	39	35	8	8	7
Upper Nile														
Fashoda	Kodok	na	na	na	na	na	na	na	na	na	na	6	7	7
LuakpinyNasir	Jikmir	na	na	na	na	14	na	60	60	na	na	na	1	3
	Nasir	na	na	na	na	na	na	60	na	na	na	na	3	5
Maban	Bunj	na	na	na	na	30	na	14	14	14	14	3	4	4
	Doro_RC	na	na	na	na	na	na	14	21	na	na	3	5	5
	Kaya_RC	na	na	na	na	na	na	45	na	na	na	7	5	10
	YusufBatil_RC	na	na	na	na	na	na	45	na	na	na	na	5	14
Malakal	Malakal PoC	na	21	14	na	na	na	14	18	14	14	5	5	2
	Malakal Town	60	60	60	60	48	5	na	60	na	60	12	10	14
Renk	Renk Town	na	na	na	na	na	na	5	6	na	7	na	6	4
Ulang	Ulang Town	na	na	na	na	na	na	na	na	na	na	na	6	7
Warrap														
Gogrial East	Luonyaker	na	na	na	na	na	na	21	na	na	na	4	3	3
Gogrial West	Akon	na	na	na	na	na	na	28	28	21	na	na	3	3
	Kuajok	na	na	na	na	na	na	25	na	na	na	na	3	3
Tonj East	Romich	na	na	na	na	na	na	25	21	21	30	na	4	3
Tonj North	Warrap Town	na	na	na	na	na	na	21	na	na	na	2	3	3
Tonj South	Tonj Town	na	na	na	na	na	na	21	na	na	na	na	4	3
Twic	Turalei	na	na	na	na	na	na	na	na	na	na	na	na	na
	Wunrok	na	na	na	na	na	na	na	na	na	na	na	na	na
Western Bahr el Ghazal														
	Raja Town	na	na	na	na	na	na	7	7	7	7	na	4	2
Wau	Wau Town	na	na	na	na	na	na	30	26	30	30	na	20	16
Western Equatoria														
Mundri East	Lui	na	21	21	21	14	21	7	6	7	6	na	na	na
Mundri west	Mundri Town	na	21	10	7	14	24	14	6	21	21	na	na	na
Mvolo Town	Mvolo Town	na	na	na	na	na	na	na	na	na	na	na	9	9
Nzara	Nzara Town	na	na	na	na	na	na	32	49	21	47	na	na	21
Yambio	Yambio Town	14	21	na	26	37	60	30	45	5	45	na	14	11

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. Coverage will likely be expanded in future data collection rounds.

In each assessed location, at least four prices per food, non-food, and livestock item need to be collected from different traders to ensure the quality and consistency of the collected data (Two for currencies and milling costs). 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
- ACF - Action Against Hunger
- CAFOD - Trócaire – Catholic Agency for Overseas Development & Trócaire
- CARE
- CINA – Community in Need Aid
- 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
- Malteser International
- IRC – International Rescue Committee
- LDO – Lomore Development Organization
- NRDC – National Relief and Development Corps

- NRC – Norwegian Refugee Council
- Nile Hope
- Oxfam
- PAH – Polish Humanitarian Action
- Plan International
- Relief International
- REACH Initiative
- Save the Children
- Solidarités International
- SPEDP – Support for Peace and Education Development Programme
- YACA – Youth Affairs Centre for Africa
- SSRC - South Sudan Red Cross
- STO – Star Trust Organization
- Tearfund
- UNHCR- United Nations High Commissioner for Refugees
- UNICEF – United Nations Children's Fund
- UNKEA – Universal Network for Knowledge & Empowerment Agency
- WADA – Wider Aid and Dev't Agency
- WHH – Welthungerhilfe
- 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 09 January 2023 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 OUPUTS

Factsheets Datasets

2023

January	January
February	February
March	March

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