

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 \(MSSMEB\)](#).

27 participating agencies[§]

56 assessed locations[†]

84 assessed marketplaces

1,157 key informants

30 assessed commodities

Cost of MSSMEB¹
136,944 SSP
138.33 USD*
Change since July 2023
6,034 SSP ▲+5%

Cost of food basket²
112,850 SSP
113.99 USD*
Change since July 2023
4,612 SSP ▲+4%

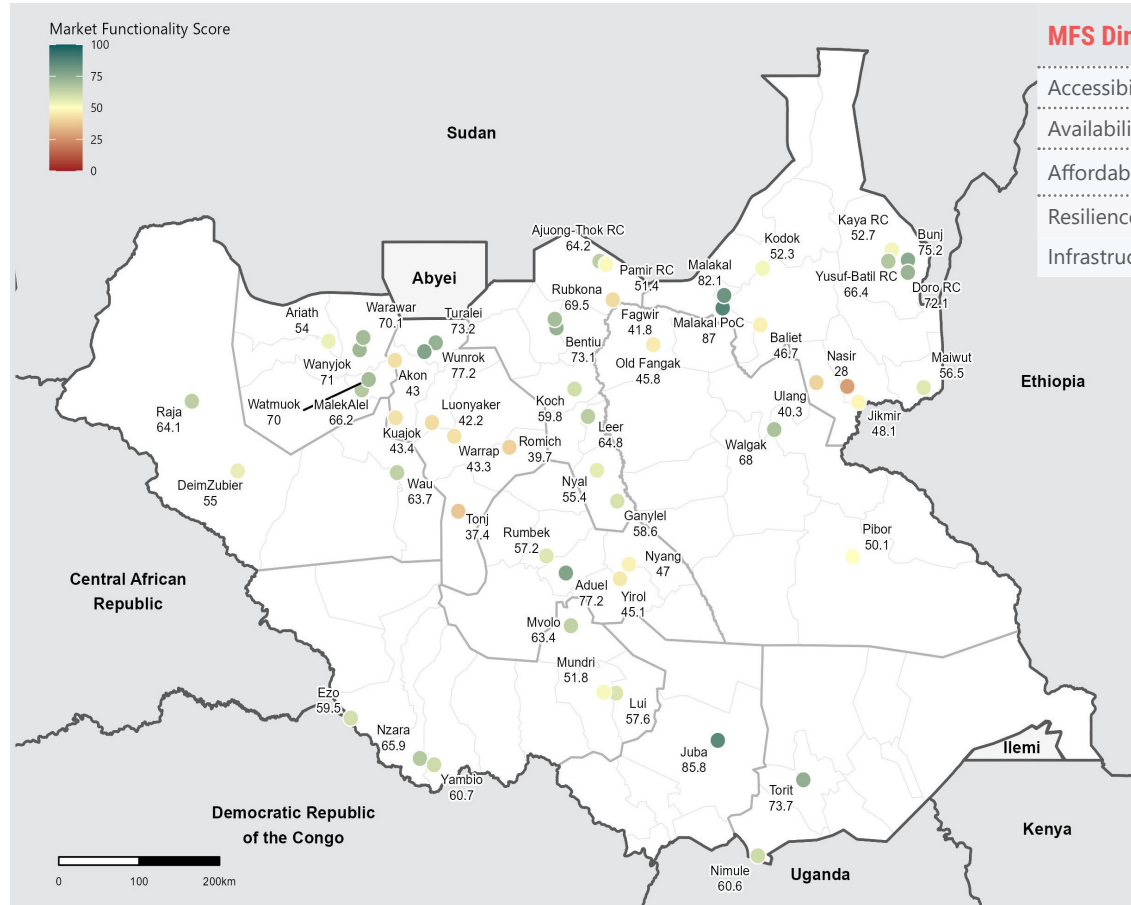
USD/SSP (official)³
1,001
8.11 SSP ▲+4%

1-7 August 2023

PARTICIPATING AGENCIES

ACF
 ADRA
 AWACD
 Care
 CINA
 Concern
 DRC
 DCA
 IOM
 IRC
 LDO
 Mercy Corps
 Malteser Int.
 Nile Hope.
 NPA
 NRC
 NRDC
 Oxfam
 REACH
 RI
 SAVE the children
 Solidarités Int.
 SPEDP
 Star Trust
 WADA
 World Vision
 YACA

MARKET FUNCTIONALITY



* The official rate was used for the conversion to USD.

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

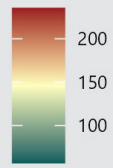
† PoC stands for Protection of Civilians site.

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

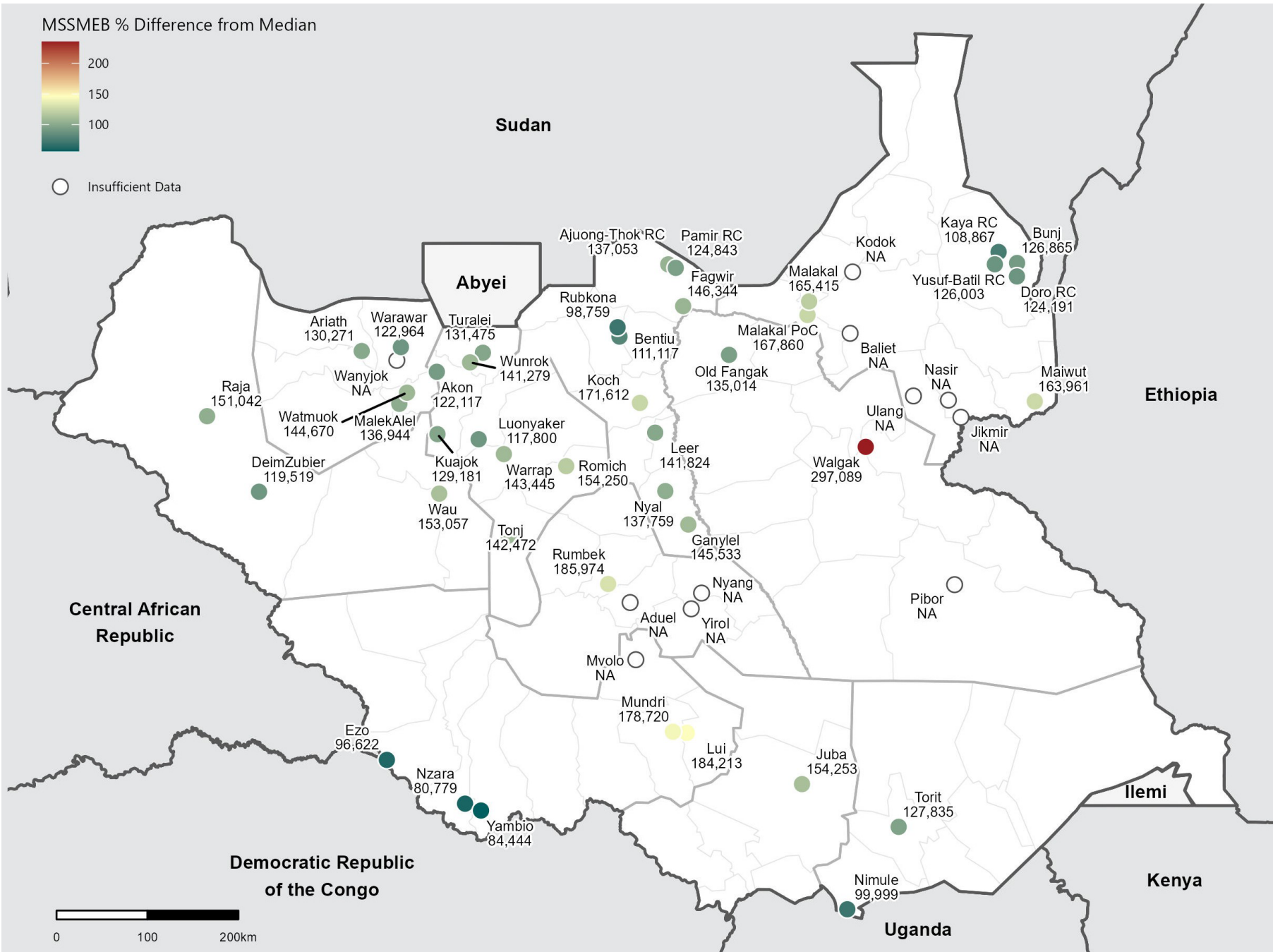
§ The number of participating agencies indicates the total number of partner organisations that collected data in August- 2023.

MSSMEB Costs

MSSMEB % Difference from Median



○ Insufficient Data



Cost of MSSMEB¹

136,944 SSP

138.33 USD*

Change since July 2023

6,034 SSP ▲ +5%

10.57 USD* ▲ +9%

MSSMEB ITEMS

Cereals	90 kg
Pulses	9 kg
Vegetable oil	6 L
Salt	1 kg
Soap long bar (600g)	3 pcs
Education component	
Charcoal	5 %
Milling cost	50 kg
	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
Milling cost	30 kg	Exercise book	USD 12
Bar soap	6 pcs	Pencil	6 pcs
Bleach*	1.5 L	Pen	6 pcs
Human drugs*	USD 10	Rubber	3 pcs
Airtime*	30 min	Sharpener	3 pcs
Transport*	3 USD	Solar lamp	3 pcs
		Aqua Tab	1 Pcs

NFIs (one-off)*

Blanket	2 pcs	Sanitary pad	2 pcs
Mosquito net	2 pcs	Underwear	2 pcs
Kitchen set	1 pc	Kanga**	1 Pcs
Jerrycan	2 pcs	Plasticbucket	1 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, 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)
136,944 SSP

Change since July 2023
6,034 SSP ▲+5%

Change since August 2022
50,564 SSP ▲59%

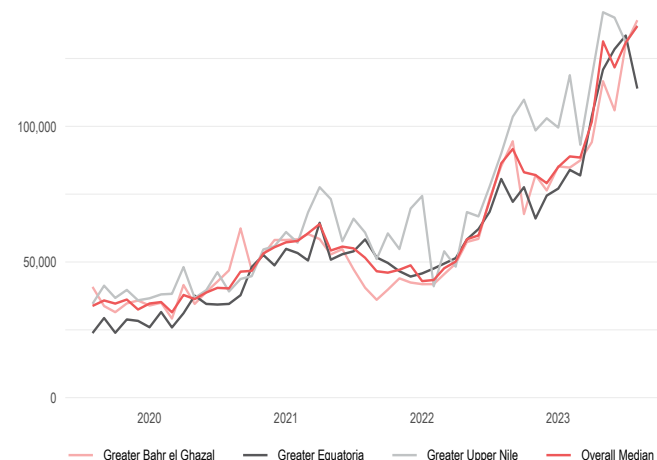
MSSMEB PER LOCATION

* This is a comparison to the same month of the previous year.

County	Location	MSSMEB in SSP	% Change since previous month	% Change since previous year*	MSSMEB key items in USD
Central Equatoria					
Juba	Juba Town	154,253	-46%	NA	149.76
Eastern Equatoria					
Magwi	Nimule	99,999	-17%	+16%	96.15
Torit	Torit Town	127,835	-10%	+59%	134.56
Jonglei					
Akobo	Walgak	297,089	+45%	NA	300.09
Fangak	Fagwir	146,344	-4%	NA	147.82
Fangak	Old Fangak	135,014	+13%	NA	122.74
Pibor	Pibor Town	NA	NA	NA	NA
Lakes					
Rumbek Centre	Rumbek Town	185,974	0%	+93%	180.56
Rumbek East	Aduel	NA	NA	NA	NA
Yirol East	Nyang	NA	NA	NA	NA
Yirol West	Yirol Town	NA	NA	NA	NA
Northern Bahr el Ghazal					
Aweil East	Wanyjok	NA	NA	NA	NA
Aweil East	Warawar	122,964	NA	+44%	126.12
Aweil North	Ariath	130,271	+7%	NA	131.59
Aweil South	MalekAlel	136,944	+10%	+54%	144.15
Aweil South	Watmuok	144,670	+12%	+62%	152.69
Unity					
Koch	Koch Town	171,612	+34%	NA	168.25
Leer	Leer Town	141,824	-6%	NA	144.72
Mayendit	Mayendit	118,572	NA	NA	119.77
Mayom	Mayom	107,480	NA	NA	108.57
Panyijiar	Ganylel	145,533	+5%	NA	147.00
Panyijiar	Nyal	137,759	NA	+56%	139.86
Pariang	Ajuong-Thok RC	137,053	+1%	+84%	138.44
Pariang	Pamir RC	124,843	+7%	+82%	126.10
Rubkona	Bentiu	111,117	+8%	-3%	109.75
Rubkona	Rotriak	141,908	NA	NA	143.34
Rubkona	Rubkona Town	98,759	-3%	-19%	98.39
Upper Nile					
Baliet	Baliet Town	NA	NA	NA	NA
Fashoda	Kodok	NA	NA	NA	NA
Luakpiny Nasir	Jikmir	NA	NA	NA	NA
Luakpiny Nasir	Nasir Town	NA	NA	NA	NA
Maban	Bunj	126,865	+11%	NA	128.15
Maban	Doro RC	124,191	+21%	NA	125.45
Maban	Kaya RC	108,867	-15%	NA	109.97
Maban	Yusuf-Batil RC	126,003	NA	NA	122.04
Maiwut	Maiwut Town	163,961	NA	+69%	165.62
Malakal	Malakal PoC	167,860	+4%	NA	169.56
Malakal	Malakal Town	165,415	+1%	NA	169.66
Ulang	Ulang Town	NA	NA	NA	NA
Warrap					
Gogrial East	Luonyaker	117,800	0%	+30%	118.99
Gogrial West	Akon	122,117	-4%	-1%	123.35
Gogrial West	Kuajok	129,181	-19%	+56%	130.49
Tonj East	Romich	154,250	+42%	NA	155.81
Tonj North	Warrap Town	143,445	-6%	NA	144.89
Tonj South	Tonj Town	142,472	+2%	+72%	143.91
Twic	Turalei	131,475	0%	-1%	132.80
Twic	Wunrok	141,279	-13%	+18%	142.71
Western Bahr el Ghazal					
Raja	DeimZubier	119,519	NA	+19%	120.73
Raja	Raja Town	151,042	NA	NA	153.73
Wau	Wau Town	153,057	+2%	NA	152.30
Western Equatoria					
Ezo	Ezo Town	96,622	-28%	+66%	97.60
Mundri East	Lui	184,213	-19%	NA	184.21
Mundri West	Mundri Town	178,720	-19%	+87%	178.72
Mvolo	Mvolo Town	NA	NA	NA	NA
Nzara	Nzara Town	80,779	-24%	NA	80.58
Yambio	Yambio Town	84,444	-26%	+50%	83.30
Median		136,944	0%	+55%	138.44

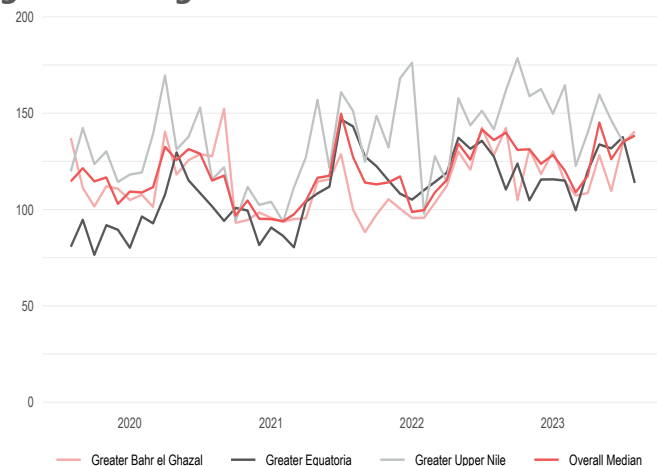
MSSMEB OVER TIME⁵

Aug 2019 - August 2023 in SSP



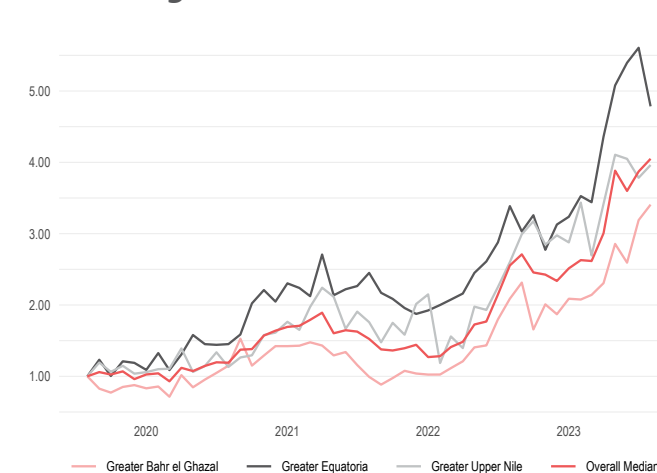
MSSMEB OVER TIME⁵

Aug 2019 - August 2023 in USD



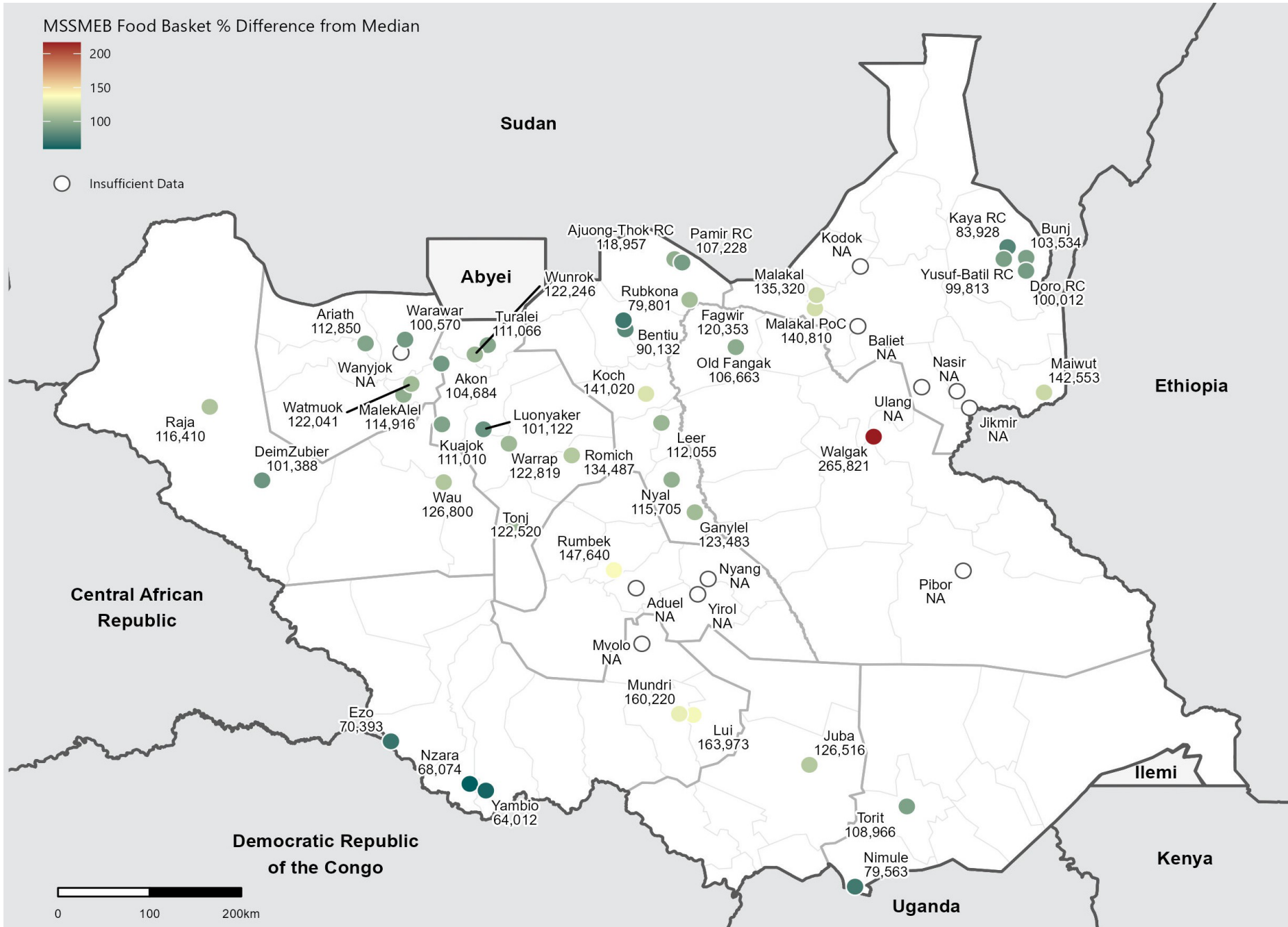
MSSMEB OVER TIME⁵

Indexed to August 2019 = 1.00⁶



Sorghum and maize prices were not available. No alternate cereal prices were available for Pibor, Aduel, Nyang, Yirol, Wanyjok, Baliet, Kodok, Jikmir, Nasir Ulang, & Mvolo, therefore the MSSMEB has been left blank.

MSSMEB Food Basket Costs



Cost of food basket²
112,850 SSP
13.99 USD*
Change since July 2023
4,612 SSP ▲+4%
4.72 USD* ▲+5%

FOOD MEB ITEMS

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

Location	Cost (SSP)
Ajuong-Thok RC	118,957
Pamir RC	107,228
Kodok NA	Insufficient Data
Kaya RC	83,928
Bunj	103,534
Yusuf-Batil RC	99,813
Doro RC	100,012
Wunrok	122,246
Rubkona	79,801
Fagwir	120,353
Malakal	135,320
Malakal PoC	140,810
Balliet NA	Insufficient Data
Nasir NA	Insufficient Data
Maiwut	142,553
Walgak	265,821
Ulang NA	Insufficient Data
Jikmir NA	Insufficient Data
Pibor NA	Insufficient Data
Warrap	122,819
Romich	134,487
Leer	112,055
Nyal	115,705
Ganyale	123,483
Nyang NA	Insufficient Data
Yirol NA	Insufficient Data
Mvolo NA	Insufficient Data
Mundri	160,220
Lui	163,973
Juba	126,516
Torit	108,966
Nimule	79,563
Ezo	70,393
Nzara	68,074
Yambio	64,012
Luonyaker	101,122
Rumbek	147,640
Wau	126,800
Tonj	122,520
DeimZubier	101,388
MalekAlel	114,916
Watmuok	122,041
Wanyjok NA	Insufficient Data
Akon	104,684
Warawar	100,570
Turalei	111,066
Ariath	112,850
Raja	116,410

INDICES PER LOCATION

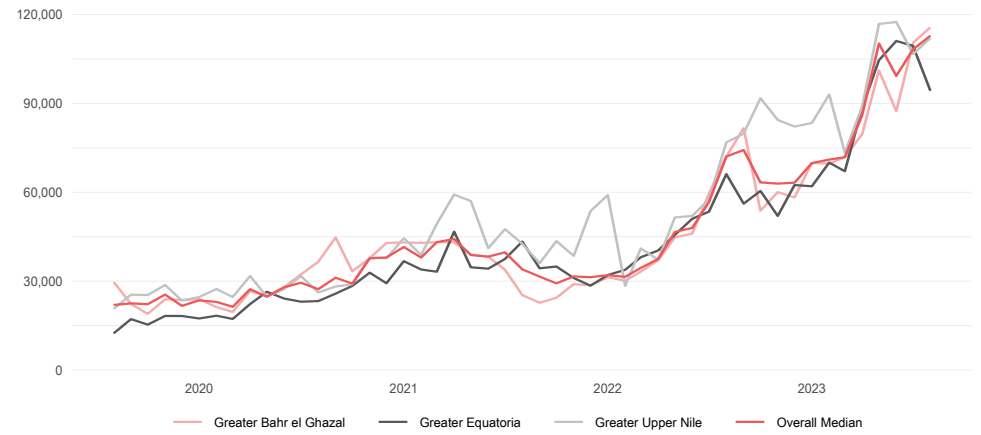
* This is a comparison to the same month from the previous year.

County	Location	MSSMEB food basket in SSP	% MSSMEB Change since previous month	% MSSMEB Change since previous year*	MSSMEB food basket in USD	Food price index in SSP	% FPI Change since previous month	% FPI Change since previous year*
Central Equatoria								
Juba	Juba Town	126,516	-50%	NA	122.8	14,295	-29%	NA
Eastern Equatoria								
Magwi	Nimule	79,563	-18%	+9%	76.5	9,776	-13%	+17%
Torit	Torit Town	108,966	-11%	+65%	114.7	9,840	0%	+65%
Jonglei								
Akobo	Walgak	265,821	+52%	NA	268.5	17,686	+20%	+68%
Fangak	Fagwir	120,353	-8%	NA	121.6	15,115	+10%	NA
Fangak	Old Fangak	106,663	+16%	NA	97	16,262	+19%	+83%
Pibor	Pibor Town	NA	NA	NA	NA	15,698	+14%	NA
Lakes								
Rumbek Centre	Rumbek Town	147,640	+5%	+75%	143.3	14,201	-2%	+72%
Rumbek East	Aduel	NA	NA	NA	NA	10,832	-13%	+79%
Yirol East	Nyang	NA	NA	NA	NA	14,148	+14%	+176%
Yirol West	Yirol Town	NA	NA	NA	NA	14,800	+32%	+185%
Northern Bahr el Ghazal								
Aweil East	Wanyjok	NA	NA	NA	NA	14,674	+27%	+42%
Aweil East	Warawar	100,570	NA	+43%	103.1	14,899	+16%	+45%
Aweil North	Ariath	112,850	+7%	NA	114	11,025	-15%	NA
Aweil South	MalekAlel	114,916	+8%	+52%	121	14,922	+14%	+48%
Aweil South	Watmuok	122,041	+10%	+60%	128.8	14,316	+7%	+41%
Unity								
Koch	Koch Town	141,020	+33%	NA	138.3	15,833	+17%	NA
Leer	Leer Town	112,055	-4%	NA	114.3	13,943	-8%	NA
Mayendit	Mayendit	97,305	NA	NA	98.3	14,598	NA	NA
Mayom	Mayom	83,340	NA	NA	84.2	10,501	NA	NA
Panyijjar	Ganyel	123,483	+6%	NA	124.7	15,170	-22%	NA
Panyijjar	Nyal	115,705	NA	+69%	117.5	17,477	0%	+119%
Pariang	Ajuong-Thok RC	118,957	0%	+83%	120.2	16,984	+21%	+106%
Pariang	Pamir RC	107,228	+6%	+82%	108.3	14,500	+21%	+89%
Rubkona	Bentiu	90,132	+6%	-8%	89	13,921	-8%	+20%
Rubkona	Rotriak	119,028	NA	NA	120.2	16,360	NA	NA
Rubkona	Rubkona Town	79,801	-5%	-24%	79.5	10,907	-23%	-11%
Upper Nile								
Baliet	Baliet Town	NA	NA	NA	NA	23,447	NA	+137%
Fashoda	Kodok	NA	NA	NA	NA	14,032	-7%	NA
Luakpiny Nasir	Jikmir	NA	NA	NA	NA	17,276	+1%	NA
Luakpiny Nasir	Nasir Town	NA	NA	NA	NA	19,117	NA	+108%
Maban	Bunj	103,534	+12%	NA	104.6	19,240	+23%	NA
Maban	Doro RC	100,012	+18%	NA	101	18,530	+19%	NA
Maban	Kaya RC	83,928	-22%	NA	84.8	15,333	0%	NA
Maban	Yusuf-Batil RC	99,813	NA	NA	96.7	15,832	+6%	NA
Maiwut	Maiwut Town	142,553	NA	+75%	144	12,693	NA	+43%
Malakal	Malakal PoC	140,810	+7%	NA	142.2	19,824	+4%	NA
Malakal	Malakal Town	135,320	+3%	NA	138.8	16,914	-18%	NA
Ulang	Ulang Town	NA	NA	NA	NA	13,734	+19%	NA
Warrap								
Gogrial East	Luonyaker	101,122	0%	+30%	102.1	8,920	-8%	-16%
Gogrial West	Alkon	104,684	-5%	-3%	105.7	9,582	+3%	+5%
Gogrial West	Kuajok	111,010	-21%	+56%	112.1	10,988	-16%	+76%
Tonj East	Romich	134,487	+46%	NA	135.8	12,251	+35%	NA
Tonj North	Warrap Town	122,819	-9%	NA	124.1	11,016	-10%	NA
Tonj South	Tonj Town	122,520	+1%	+79%	123.8	12,234	+4%	+107%
Twic	Turalei	111,066	-1%	+2%	112.2	7,980	-21%	-22%
Twic	Wunrok	122,246	-14%	+46%	123.5	10,564	-20%	+37%
Western Bahr el Ghazal								
Raja	DeimZubier	101,388	NA	+14%	102.4	12,245	NA	+32%
Raja	Raja Town	116,410	NA	NA	118.5	13,855	+12%	NA
Wau	Wau Town	126,800	+5%	NA	126.2	13,500	+8%	+58%
Western Equatoria								
Ezo	Ezo Town	70,393	-36%	+64%	71.1	10,692	-10%	+59%
Mundri East	Lui	163,973	-19%	NA	164	13,370	-18%	NA
Mundri West	Mundri Town	160,220	-19%	+107%	160.2	11,846	-20%	+65%
Mvolo	Mvolo Town	NA	NA	NA	NA	10,827	+14%	+61%
Nzara	Nzara Town	68,074	-23%	NA	67.9	9,883	-12%	NA
Yambio	Yambio Town	64,012	-34%	+51%	63.1	7,280	-30%	+21%
Median		112,850	0%	+54%	114.7	14,090	+1%	+60%

* 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.

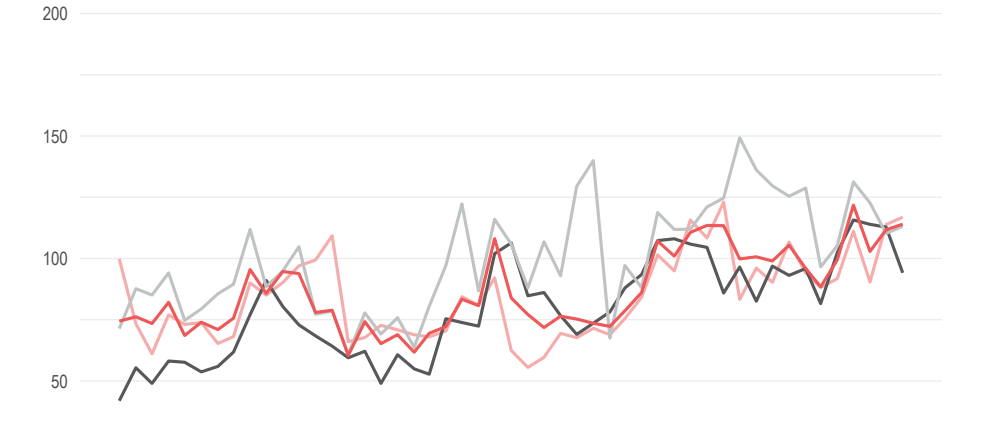
MSSMEB FOOD BASKET OVER TIME⁵

Aug 2019 - August 2023 in SSP



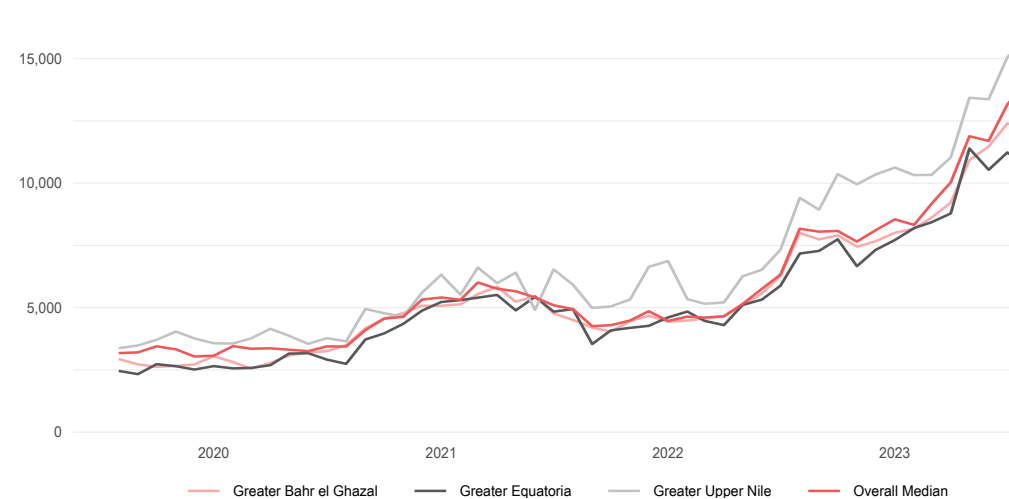
MSSMEB FOOD BASKET OVER TIME⁵

Aug 2019 - August 2023 in USD



FOOD PRICE INDEX OVER TIME⁵

Aug 2019 - August 2023 in SSP



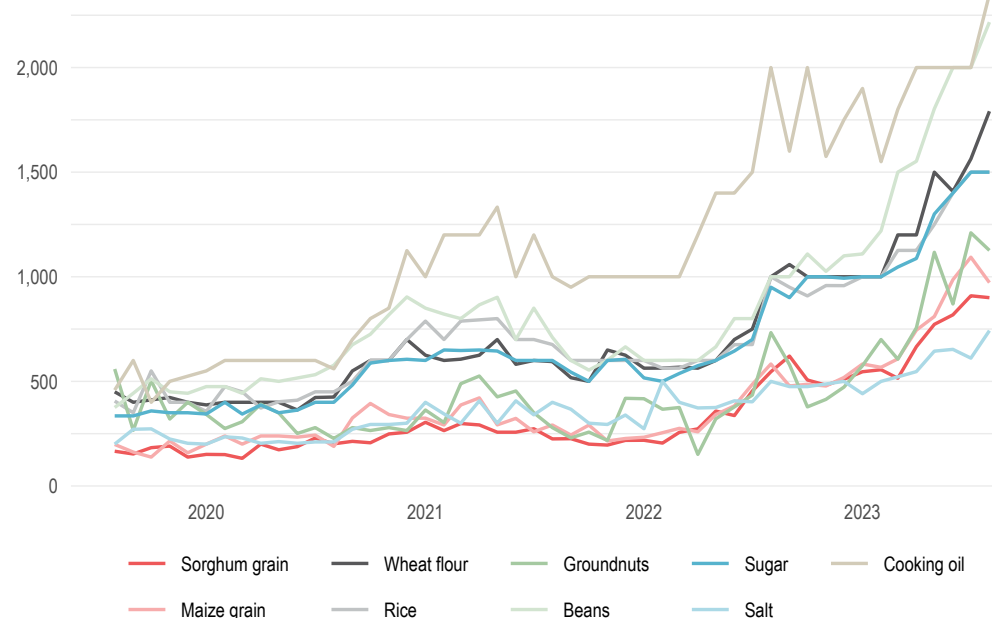
PRICES OF MONITORED ITEMS

Item	Unit	Median price in SSP	Change since July 2023	Change since August 2022	Median price in USD
Food Items					
Sorghum grain	1 kg	900	▼1%	▲65%	0.91
Maize grain	1 kg	972	▼11%	▲67%	0.98
Wheat flour	1 kg	1,791	▲15%	▲79%	1.81
Rice	1 kg	1,500	►0%	▲50%	1.52
Groundnuts	1 kg	1,126	▼7%	▲54%	1.14
Beans	1 kg	2,217	▲5%	▲111%	2.24
Sugar	1 kg	1,500	►0%	▲58%	1.52
Salt	1 kg	743	▲22%	▲49%	0.75
Cooking oil	1 kg	2,350	▲8%	▲8%	2.37
Water*	1 L	na	▲7%	▲72%	na
Non-Food Items					
Soap	200 g	500	▲50%	▲67%	0.51
Jerrycan	1 pc	3,000	▲20%	▲71%	3.03
Mosquito net	1 pc	2,675	▼3%	▲7%	2.70
Exercise book	1 pc	575	▲15%	▲92%	0.58
Blanket	1 pc	5,050	▼28%	▼16%	5.10
Cooking pot	1 pc	7,625	▲5%	▲53%	7.70
Plastic sheet	1 pc	15,250	▲2%	▲91%	15.40
Pole	1 pc	1,500	▼25%	▲50%	1.52
Firewood	1 bundle	1,000	►0%	▲90%	1.01
Charcoal	1 kg	174	▲5%	▲47%	0.18
Rubber rope	1 roll	600	▼91%	▼88%	0.61
Kanga	1 roll	5,000	▼44%	na	5.05
Solar lamp	1 pc	4,650	▼24%	na	4.70
Plastic bucket	1 pc	3,750	▼6%	na	3.79
Sanitary pads	1 pc	1,050	▼48%	na	1.06
Pen	1 pc	200	►0%	na	0.20
Pencil	1 pc	150	▲50%	na	0.15
Rubber	1 pc	200	▲100%	na	0.20
Sharpener	1 pc	163	▲8%	na	0.16
Sleeping mat	1 pc	7,500	▲25%	na	7.58
Livestock					
Goat	1 goat	30,000	▲33%	▲82%	30.30
Chicken	1 chicken	3,625	▼3%	▲42%	3.66
Services					
Milling costs	1 kg	114	►0%	▲33%	0.12
Currencies					
US dollar	1 USD	990	▲2%	▲56%	
Sudanese pound	1 SDG	1.27	▼66%	▼87%	
Ethiopian birr	1 ETB	9.00	▲6%	▼18%	
Ugandan shilling	1 UGX	0.28	▼4%	▲32%	
Kenyan shilling	1 KES	8.23	▲8%	▲94%	

* Prices only collected for Juba Town

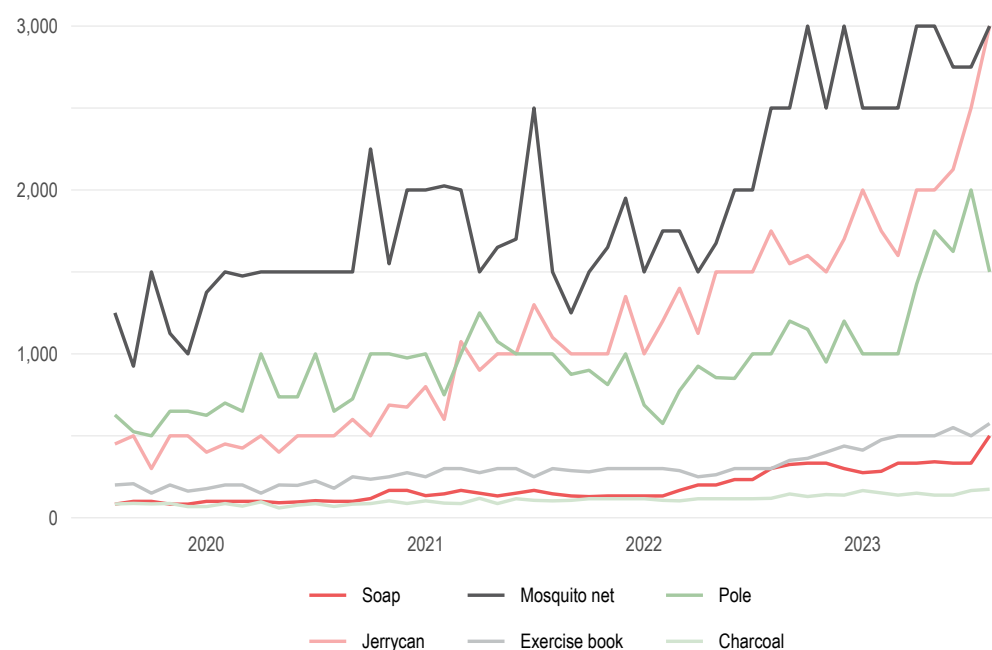
FOOD PRICES OVER TIME

Aug 2019 - August 2023 in SSP



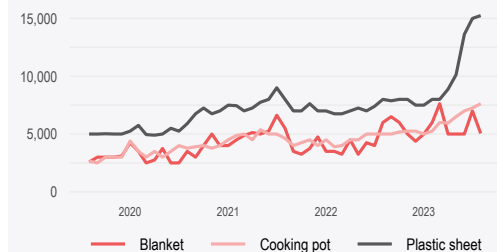
NFI PRICES OVER TIME

Aug 2019 - August 2023 in SSP



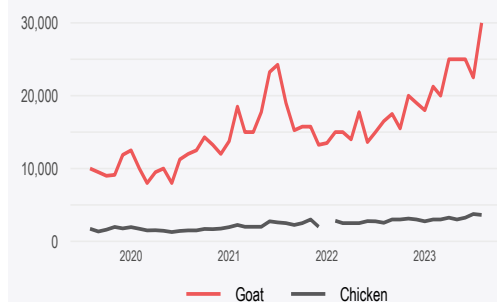
NFI PRICES OVER TIME CONT.

Aug 2019 - August 2023 in SSP



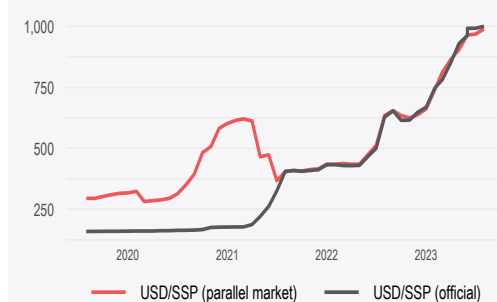
LIVESTOCK PRICES OVER TIME

Aug 2019 - August 2023 in SSP

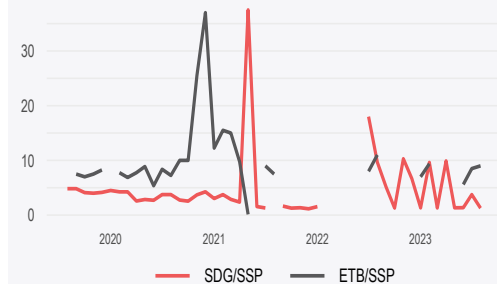


The gap explains that, chicken prices was not recorded in July 2022.

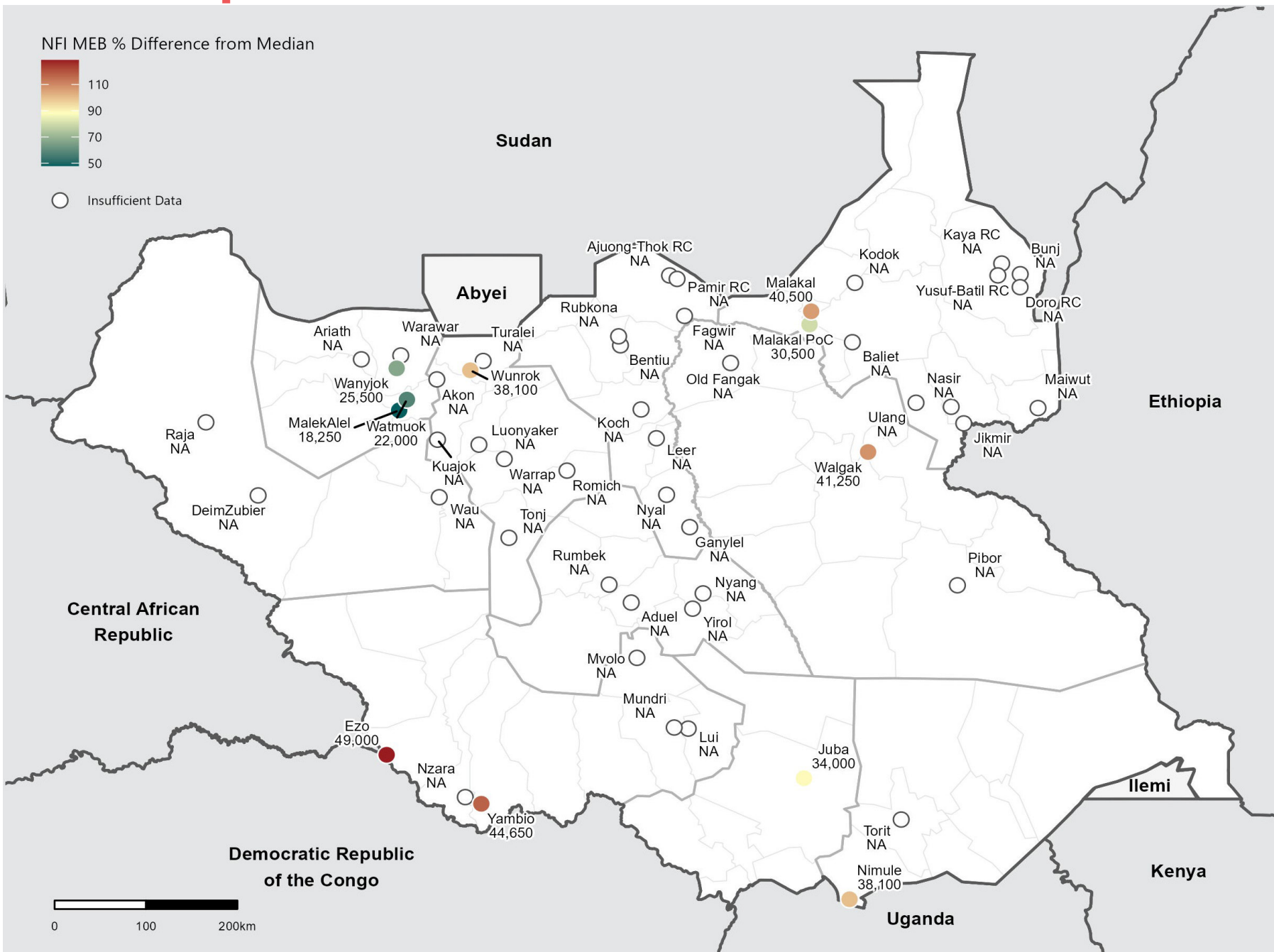
USD EXCHANGE RATE OVER TIME



OTHER EXCHANGE RATES OVER TIME (Parallel market rates)



NFIs Component of the MSSMEB Costs

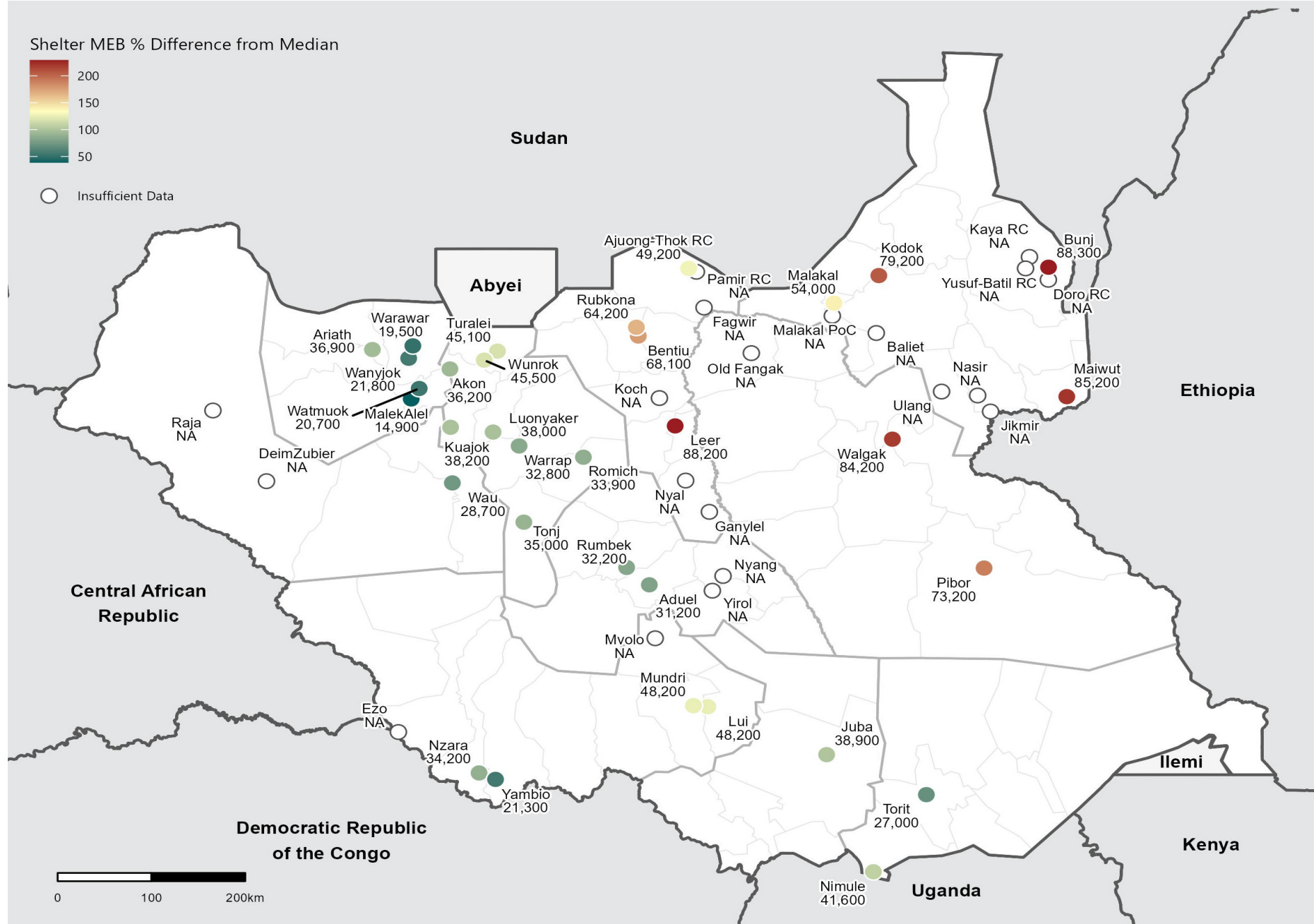


NFI MSSMEB
38,100 SSP
37.45 USD

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

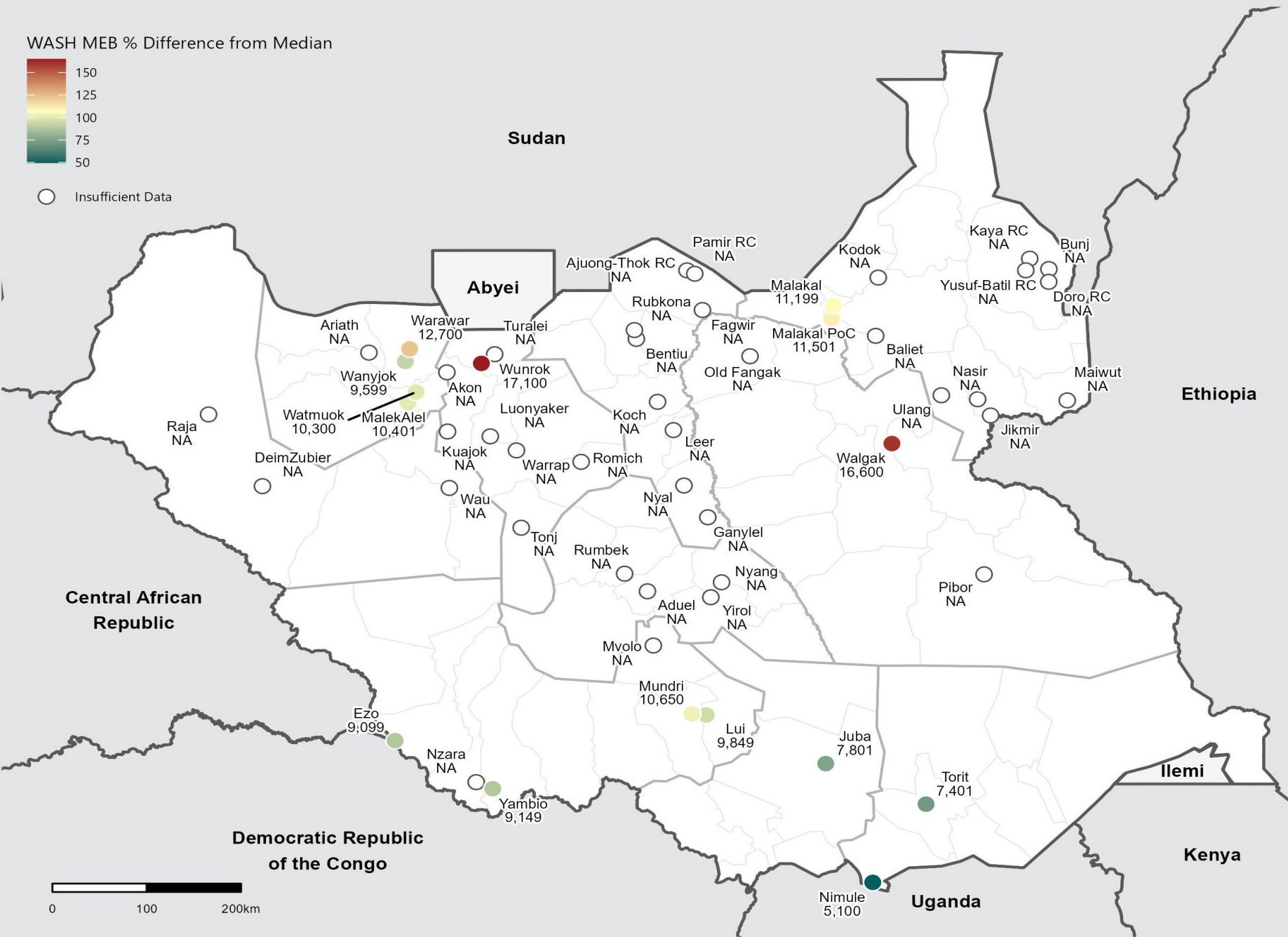


SHELTER MSSMEB
38,550 SSP
38.44 USD

SHELTER MEB ITEMS

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

WASH Component of the MSSMEB Costs

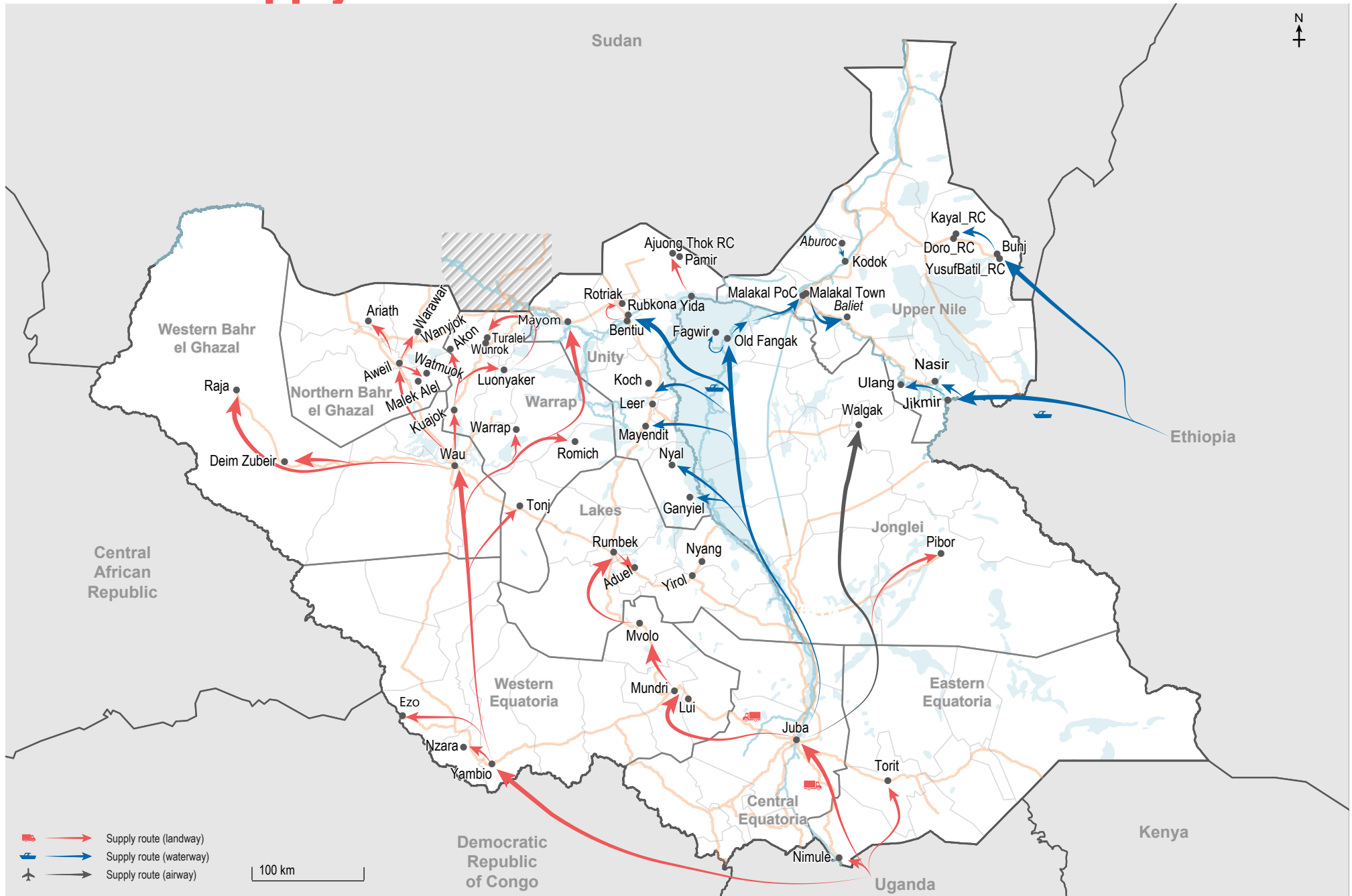


WASH MSSMEB¹
10,351 SSP
10.69 USD*

WASH MEB ITEMS

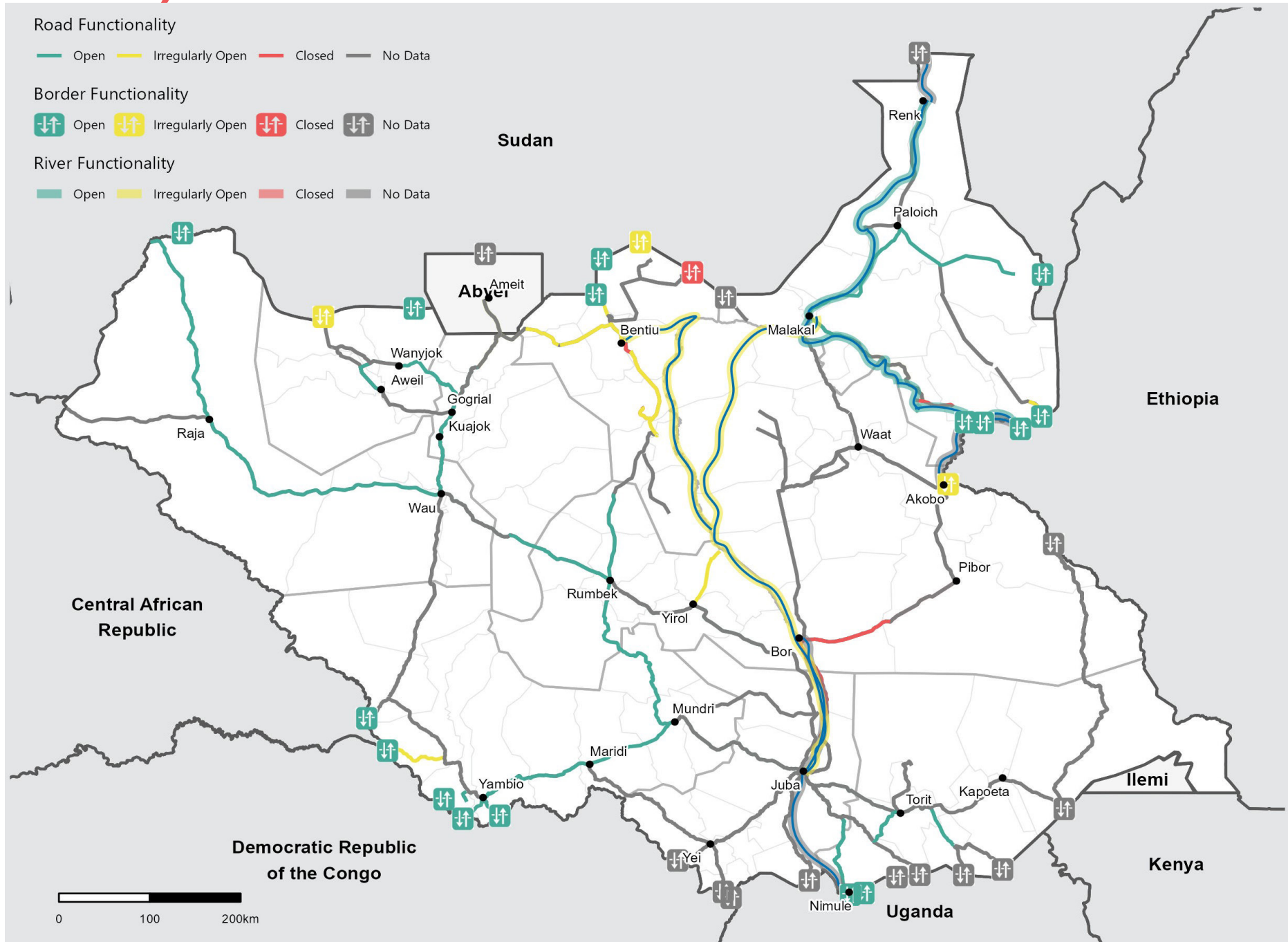
Soap long bar(600 g)	3 pcs
Jerrycan (20 liters)	1 pc
Plastic bucket	1 pc
Sanitary Pad (reusable)	2 pcs

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.

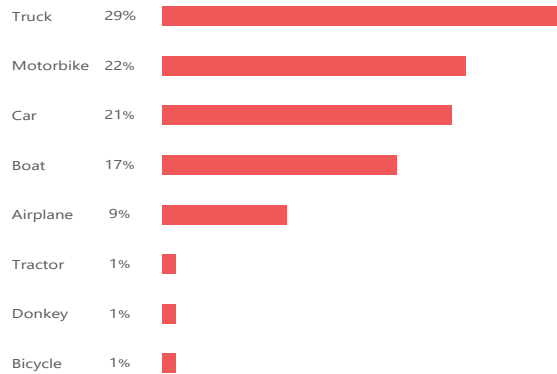
Roads, River Routes and Border Conditions



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



5 days

median time to restock locally produced cereals from out of town



56%

of staple cereal traders reported restocking from a local producer

74%

of food traders expect price increases

16%

of food traders do not expect price changes

2%

of food traders expect price decreases

8%

of food traders do not have any price expectations

5 days

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



48%

of traders reported restocking NFIs from a wholesaler in town

67%

of non-food traders expect price increases

20%

of non-food traders do not expect price changes

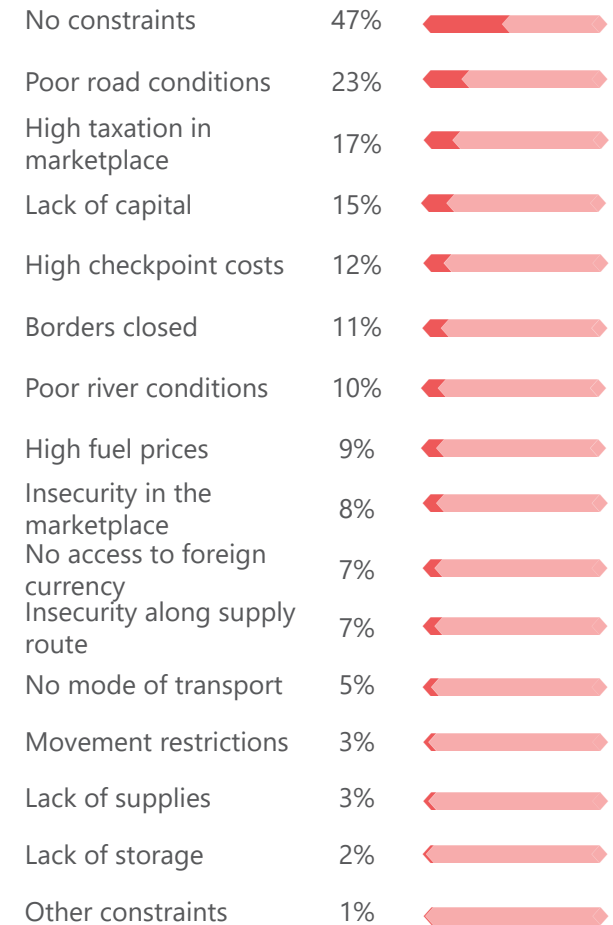
2%

of non-food traders expect price decreases

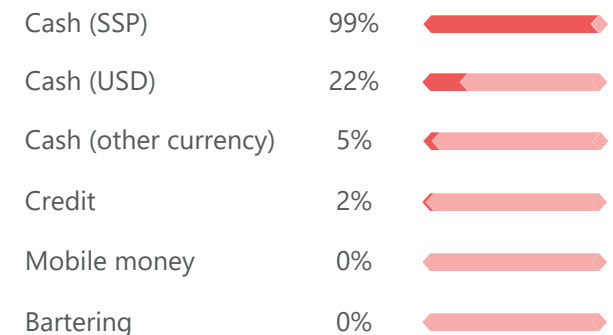
11%

of non-food traders do not have any price expectations

Reported restocking constraints*



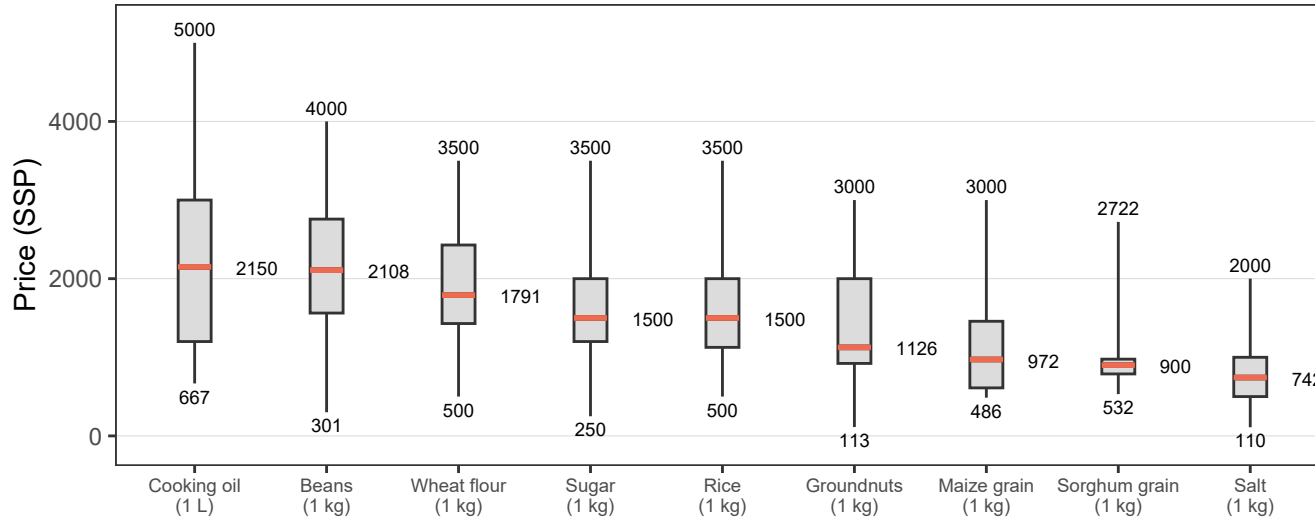
Accepted payment modalities*



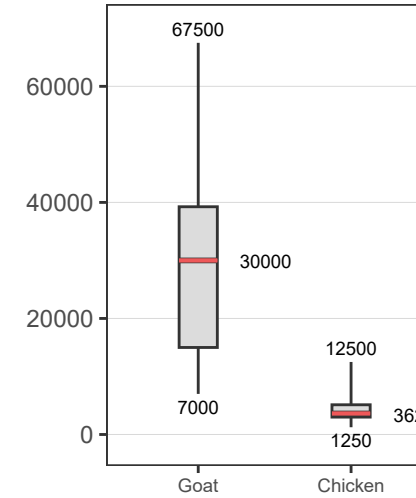
* Values do not add up to 100% as traders were allowed to select multiple options.

Distribution of Prices

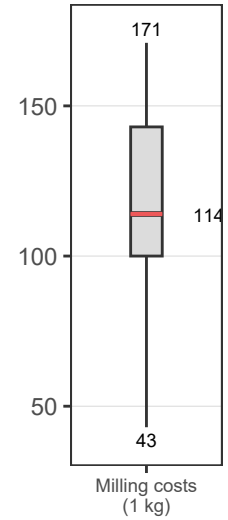
Food Items



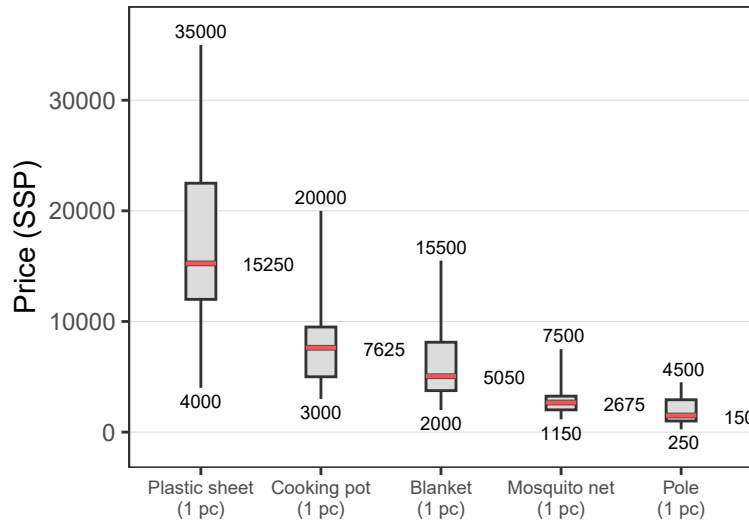
Livestock



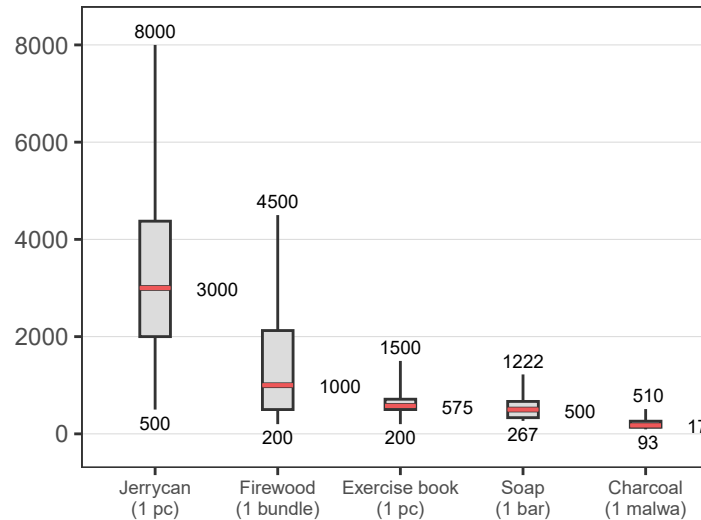
Services



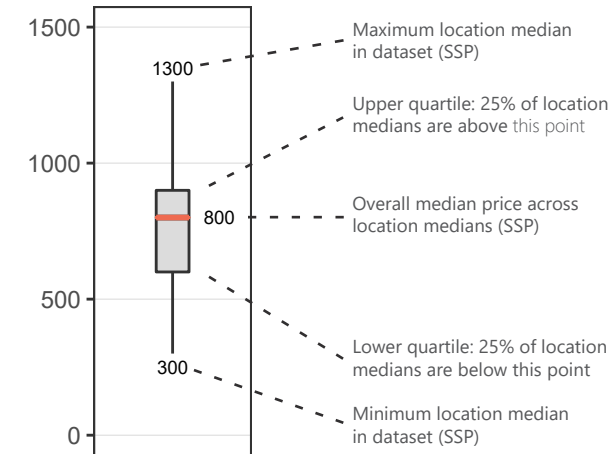
NFIs



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 STOCK LEVELS PER LOCATION (in days) (CONTINUED)

County	Location	Pen	Pencil	Rubber	Sharpener	Rubber Rope	Kanga	Solar Larm	Plastic bucket	Sanitary pad	Median time to restock local staple cereals	Median time to restock imported food items	Median time to restock NFIs
Central Equatoria													
Juba	Juba Town	21	21	14	14	21	21	60	21	21	21	35	30
Eastern Equatoria													
Magwi	Nimule	60	60	60	na	na	60	28	21	30	na	2	5
Torit	Torit Town	na	na	na	na	26	na	na	26	na	7	7	13
Jonglei													
Akobo	Walgak	30	30	45	30	na	na	21	37	na	7	6	19
Fangak	Fagwir	na	na	na	na	na	na	na	na	na	na	30	30
	Old Fangak	21	na	na	na	na	na	na	30	na	na	25	25
Pibor	Pibor Town	na	na	na	na	na	na	na	na	na	na	3	3
Lakes													
Rumbek Center	Rumbek Town	30	26	26	30	na	na	na	na	na	7	7	7
Rumbek East	Aduel	7	7	na	na	na	na	na	na	na	5	16	3
Yirol East	Nyang	na	na	na	na	na	na	na	na	na	na	25	na
Yirol West	Yirol Town	na	na	na	na	na	na	na	na	na	na	13	na
Northern Bahr el Ghazal													
Aweil East	Wanyjok	na	na	4	na	na	na	5	5	21	na	na	1
	Warawar	na	na	na	na	na	na	1	4	3	na	na	na
Aweil North	Ariath	18	11	na	na	na	na	na	14	na	1	1	1
Aweil South	MalekAlel	na	na	na	na	na	na	5	3	14	na	na	1
	Watmuok	na	na	na	na	na	na	4	2	na	na	na	1
Unity													
Koch	Koch Town	30	na	na	na	na	na	na	na	na	na	10	10
Leer	Leer Town	21	41	na	na	na	na	na	na	na	9	8	8
Mayendit	Mayendit Town	30	na	na	na	na	21	30	na	na	na	na	na
Mayom	Mayom Town	na	na	na	na	7	na	na	14	na	na	na	na
Panyijiar	Ganylel	60	na	na	na	na	na	na	na	na	na	30	28
	Nyal	14	na	na	na	na	na	na	na	na	na	23	30
Pariang	AjuongThok RC	na	na	na	na	na	na	na	na	na	na	na	na
	Pamir RC	na	na	na	na	na	na	na	na	na	5	12	5
Rubkona	Bentiu	42	35	28	28	na	na	na	na	na	9	8	8
	Rotriak	na	na	na	na	na	na	na	na	na	na	12	1
	Rubkona town	21	25	28	21	na	na	na	na	na	8	8	7
Upper Nile													
Baliet	Baliet Town	30	na	na	na	na	na	na	na	na	na	2	2
Fashoda	Kodok	na	na	na	na	na	na	na	na	na	na	na	3
Luakpiny/Nasir	Jikmir	21	na	na	na	na	na	na	na	na	na	na	2
Luakpiny/Nasir	Nasir	21	na	na	na	na	na	na	na	na	1	na	2
Maban	Bunj	45	na	na	na	na	na	na	na	na	5	4	8
	Doro_RC	30	30	na	na	na	na	na	na	na	5	9	10
	Kaya_RC	28	na	na	na	na	na	na	na	na	na	7	6
	YusufBatil_RC	60	na	na	na	na	na	na	na	na	5	7	30
Maiwut	Maiwut Town	na	na	na	na	na	na	na	na	30	na	2	2
Malakal	Malakal PoC	14	14	14	14	na	na	14	18	14	7	1	1
	Malakal Town	60	18	21	41	60	60	60	60	5	10	10	15
Ulang	Ulang Town	na	na	na	na	na	na	na	na	na	14	14	14
Warrap													
Gogrial East	Luonyaker	na	na	na	na	na	na	na	na	na	na	3	3
Gogrial West	Akon	na	na	na	na	na	na	na	na	na	na	3	3
	Kuajok	na	na	na	na	na	na	na	na	na	3	4	4
Tonj East	Romich	na	na	na	na	na	na	na	na	na	na	3	na
Tonj North	Warrap Town	na	na	na	na	na	na	na	na	na	na	3	3
Tonj South	Tonj Town	na	na	na	na	na	na	na	na	na	na	3	3
Twic	Turalei	na	na	na	na	na	na	na	na	na	na	na	na
	Wunrok	na	14	5	na	7	na	6	na	7	1	2	2
Western Bahr el Ghazal													
Raja	DeimZubier	30	30	30	30	na	na	na	na	na	na	2	2
	Raja Town	11	11	11	11	na	na	na	na	na	2	2	2
Wau	Wau Town	30	30	30	30	na	na	na	na	na	na	27	27
Western Equatoria													
Ezo	Ezo Town	na	na	na	na	na	21	21	21	na	na	21	11
Mundri East	Lui	na	7	7	14	na	na	na	3	na	na	2	na
Munderi West	Mundri Town	14	14	7	21	na	na	na	14	14	1	na	5
Mvolo	Mvolo Town	na	na	na	na	na	60	na	na	na	14	10	14
Nzara	Nzara Town	21	52	42	9	na	na	na	na	na	na	63	6
Yambio	Yambio Town	60	60	30	30	30	30	45	60	35	2	7	12

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 OUPUT 2023

Factsheets Datasets

January	January
February	February
March	March
April	April
May	May
June	June
July	July

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