

SOUTH SUDAN JOINT MARKET MONITORING INITIATIVE (JMIMI)

INTRODUCTION

In an effort to inform cash-based interventions and better understand market dynamics in South Sudan, the Joint Market Monitoring Initiative (JMIMI) was created by the South Sudan Cash Working Group (CWG) in August 2019. The initiative is guided by the JMIMI Technical Working Group (JMIMI-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 \(MSSMEB\)](#).

25 participating agencies⁴

59 assessed locations

79 assessed marketplaces

1,293 key informants

30 assessed commodities

Cost of MSSMEB¹
123,042 SSP
119.86 USD⁵
Change since August 2023⁶
12,501 SSP ▼9%

Cost of food basket²
104,339 SSP
99.1 USD⁵
Change since August 2023⁶
8,512 SSP ▼8%

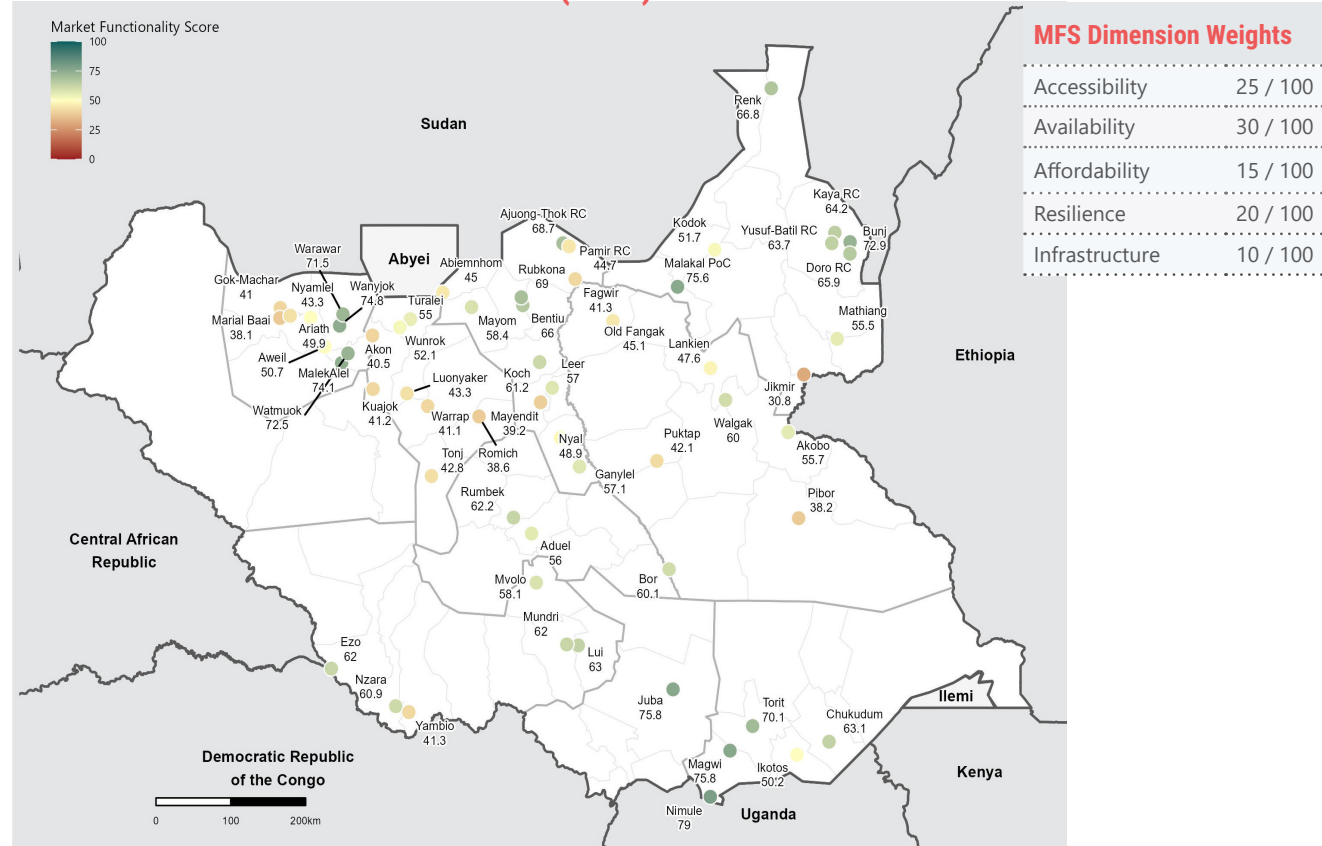
USD/SSP
(official)³
1,001
0.0 SSP ▶0%

1-7 Sept 2023

PARTICIPATING AGENCIES

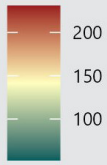
ACF
 ADRA
 AWACD
 Care
 CMD
 Concern
 CRS
 DRC
 GUNO
 DCA
 IRC
 LDO
 Nile Hope.
 NPA
 NRDC
 Oxfam
 RI
 Save The Children
 Solidarités International
 SPEDP
 SSRC
 Star Trust
 WADA
 WHH
 World Vision
 YACA

MARKET FUNCTIONALITY SCORE (MFS)

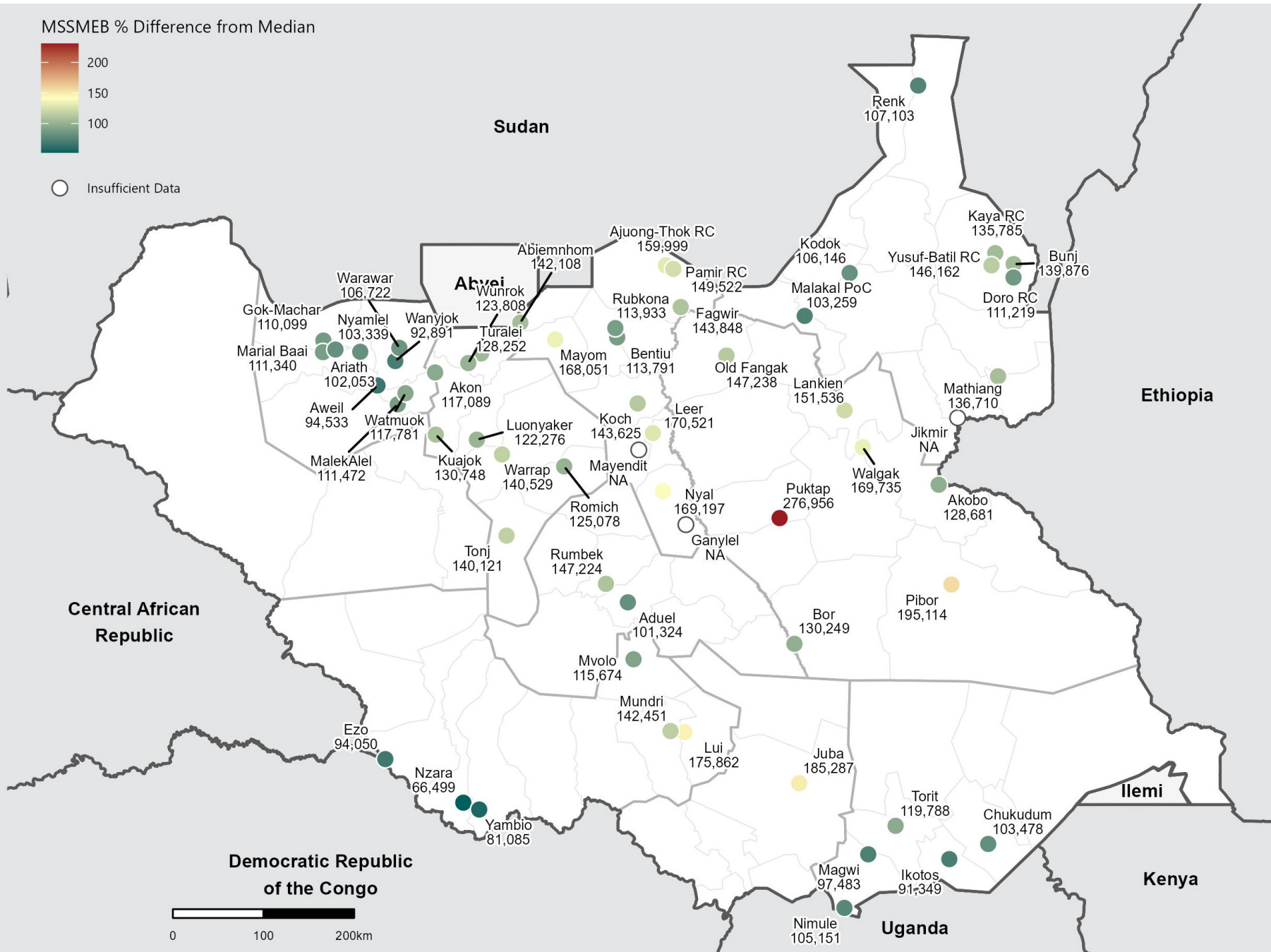


MSSMEB Costs

MSSMEB % Difference from Median



○ Insufficient Data



Cost of MSSMEB¹

123,042 SSP

119.86 USD⁵

Change since Aug 2023

12,501 SSP ▼9%

24.76 USD⁵ ▼17%

MSSMEB ITEMS

Cereals	90 kg
Pulses	9 kg
Vegetable oil	6 L
Salt	1 kg
Soap long bar (600g)	3 pcs
Education component	5%
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
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	6 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)
124,443 SSP

Change since August 2023
12,501 SSP ▼9%

Change since September 2022
32,799 SSP ▲36%

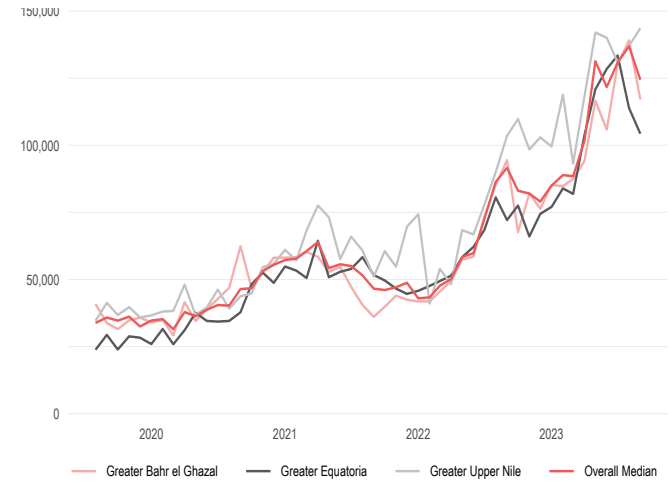
MSSMEB PER LOCATION

* This is a comparison to the same month from 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	185,287	+20%	+42%	187.16
Eastern Equatoria					
Budi	Chukudum	103,478	NA	NA	102.45
Ikotos	Ikotos Town	91,349	NA	NA	92.27
Magwi	Magwi Town	97,483	NA	+39%	96.52
Magwi	Nimule	105,151	+5%	+41%	102.59
Torit	Torit Town	119,788	-6%	+43%	120.39
Jonglei					
Akobo	Akobo Town	128,681	NA	+56%	129.98
Akobo	Walgak	169,735	-43%	-12%	171.45
Bor South	Bor Town	130,249	NA	NA	129.28
Duk	Puktap	276,956	NA	NA	280.46
Fangak	Fagwir	143,848	-2%	NA	145.30
Fangak	Old Fangak	147,238	+9%	-41%	148.73
Nyiror	Lankien	151,536	NA	NA	153.07
Pibor	Pibor Town	195,114	NA	NA	197.08
Lakes					
Rumbek Centre	Rumbek Town	147,224	-21%	+27%	184.78
Rumbek East	Aduel	101,324	NA	NA	102.35
Northern Bahr el Ghazal					
Aweil Centre	Aweil Town	94,533	NA	NA	94.53
Aweil East	Wanyok	92,891	NA	+5%	98.30
Aweil East	Warawar	106,722	-13%	+15%	114.75
Aweil North	Ariath	102,053	-22%	-53%	103.08
Aweil North	Gok-Machar	110,099	NA	NA	111.21
Aweil South	MalekAlel	111,472	-19%	+21%	119.86
Aweil South	Watmuok	117,781	-19%	NA	124.97
Aweil West	Marial Baai	111,340	NA	NA	112.46
Aweil West	Nyamlel Town	103,339	NA	+14%	102.32
Unity					
Abiemnhom	Abiemnhom Town	142,108	NA	NA	145.75
Koch	Koch Town	143,625	-16%	NA	145.08
Leer	Leer Town	170,521	+20%	NA	174.45
Mayendit	Mayendit Town	NA	NA	NA	NA
Mayom	Mayom Town	168,051	NA	NA	169.32
Panyijjar	Ganyel	NA	NA	NA	NA
Panyijjar	Nyal	169,197	+23%	+12%	170.91
Pariang	Ajuong-Thok RC	159,999	+17%	NA	164.10
Pariang	Pamir RC	149,522	+20%	+89%	151.03
Rubkona	Bentiu	113,791	+2%	+44%	111.56
Rubkona	Rubkona Town	113,933	+15%	+46%	110.61
Upper Nile					
Fashoda	Kodok	106,146	NA	-51%	106.68
Longochuk	Mathiang	136,710	NA	NA	138.09
Luakpiny Nasir	Jikmir	NA	NA	NA	NA
Maban	Bunj	139,876	+10%	NA	141.29
Maban	Doro RC	111,219	-10%	NA	109.58
Maban	Kaya RC	135,785	+25%	NA	137.16
Maban	Yusuf-Batil RC	146,162	+16%	NA	147.64
Malakal	Malakal PoC	103,259	-38%	-2%	104.30
Renk	Renk Town	107,103	NA	+16%	108.18
Warrap					
Gogrial East	Luonyaker	122,276	+4%	+31%	123.51
Gogrial West	Akon	117,089	-4%	+11%	118.27
Gogrial West	Kuajok	130,748	+1%	+29%	132.07
Tonj East	Romich	125,078	-19%	+31%	126.34
Tonj North	Warrap Town	140,529	-2%	+53%	141.95
Tonj South	Tonj Town	140,121	-2%	+39%	141.54
Twic	Turalei	128,252	-2%	-14%	130.87
Twic	Wunrok	123,808	-12%	0%	126.01
Western Equatoria					
Ezo	Ezo Town	94,050	-3%	+122%	95.00
Mundri East	Lui	175,862	-5%	+111%	177.64
Mundri West	Mundri Town	142,451	-20%	+84%	143.89
Mvolo	Mvolo Town	115,674	NA	NA	116.84
Nzara	Nzara Town	66,499	-18%	+48%	118.48
Yambio	Yambio Town	81,085	-4%	+58%	81.90
Median		124,443	-9%	+36%	125.70

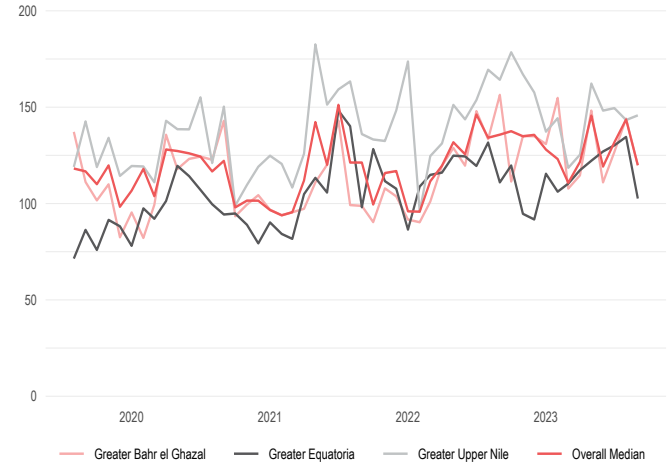
MSSMEB OVER TIME⁷

Aug 2019 - September 2023 in SSP



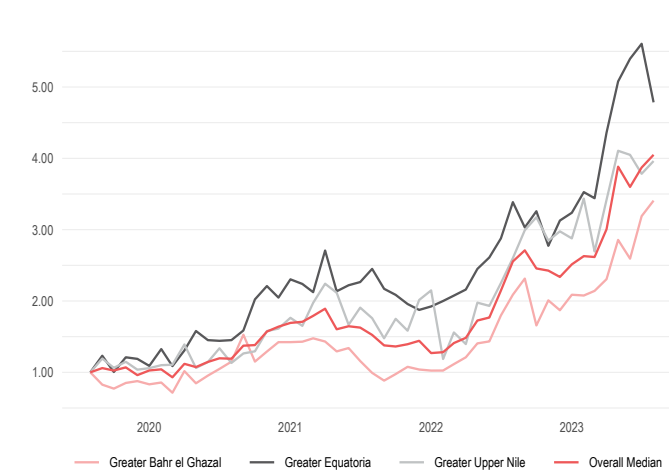
MSSMEB OVER TIME⁷

Aug 2019 - September 2023 in USD



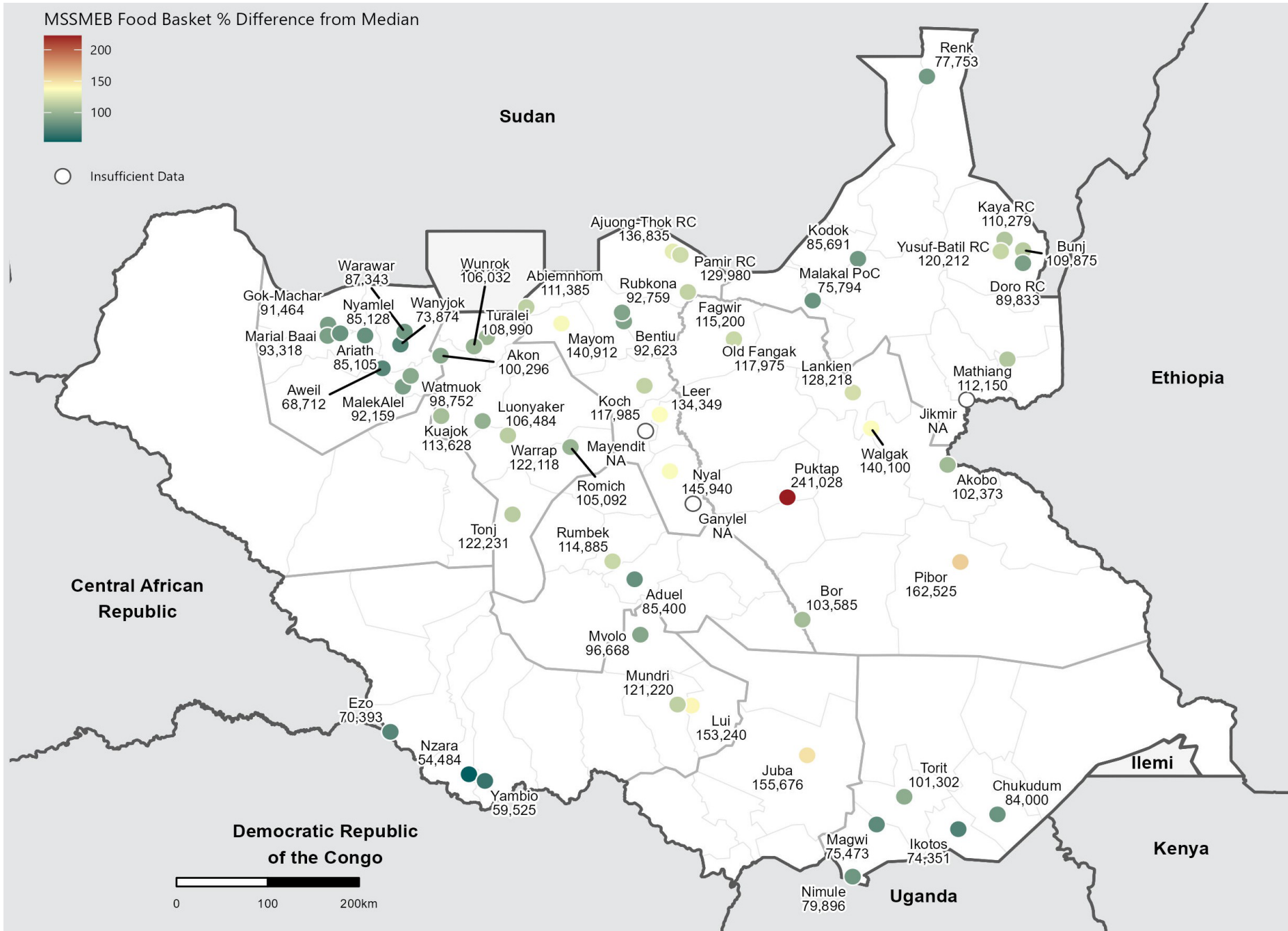
MSSMEB OVER TIME⁷

Indexed to September 2019 = 1.00⁶



Sorghum and maize prices were not available. No alternate cereal prices were available for Mayom, Ganyel, & Jikmir, therefore the MSSMEB has been left blank.

MSSMEB Food Basket Costs



Cost of food basket²
102,034 SSP
99.1 USD⁵

Change since Aug 2023
8,512 SSP ▼8%
21.26 USD⁵ ▼17%

FOOD MEB ITEMS

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

INDICES PER LOCATION

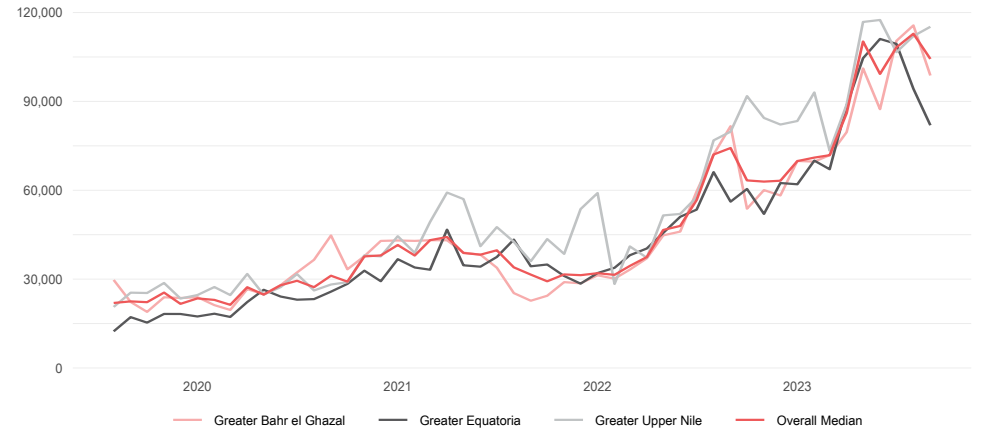
* This is a comparison to the same month from the previous year.

County	Location	MSSMEB food basket in SSP	% MSSMEB Change since previous month	% MSSMEB Change since previous year ⁴	MSSMEB food basket in USD	Food price index in SSP	% FPI Change since previous month	% FPI Change since previous year ⁴
Central Equatoria								
Juba	Juba Town	155,676	+23%	+44%	157.2	18,345	+28%	+85%
Eastern Equatoria								
Budi	Chukudum	84,000	NA	NA	83.2	11,546	NA	NA
Ikotos	Ikotos Town	74,351	NA	NA	75.1	11,667	NA	NA
Magwi	Magwi Town	75,473	NA	+67%	74.7	11,128	NA	+67%
Magwi	Nimule	79,896	0%	+30%	77.9	11,546	+18%	+41%
Torit	Torit Town	101,302	-7%	+50%	101.8	10,530	+7%	+37%
Jonglei								
Akobo	Akobo Town	102,373	NA	+67%	103.4	9,446	NA	+63%
Akobo	Walgak	140,100	-47%	+104%	141.5	16,599	-6%	+78%
Bor South	Bor Town	103,585	NA	NA	102.8	10,152	NA	NA
Duk	Puktap	241,028	NA	NA	244.1	18,394	NA	NA
Fangak	Fagwir	115,200	-4%	NA	116.4	16,310	+8%	NA
Fangak	Old Fangak	117,975	+11%	-50%	119.2	15,702	-3%	+19%
Nyiroi	Lankien	128,218	NA	NA	129.5	15,882	NA	NA
Pibor	Pibor Town	162,525	NA	NA	164.2	17,825	+14%	+44%
Lakes								
Rumbek Centre	Rumbek Town	114,885	-22%	+30%	144.2	14,284	+1%	+113%
Rumbek East	Aduel	85,400	NA	NA	86.3	13,324	+23%	+80%
Northern Bahr el Ghazal								
Aweil Centre	Aweil Town	68,712	NA	NA	68.7	10,970	NA	NA
Aweil East	Wanyjok	73,874	NA	+2%	78.2	12,511	-15%	+62%
Aweil East	Warawar	87,343	-13%	+9%	93.9	12,016	-19%	+22%
Aweil North	Ariath	85,105	-25%	-58%	86	9,642	-13%	-1%
Aweil North	Gok-Machar	91,464	NA	NA	92.4	12,103	NA	NA
Aweil South	MalekAliel	92,159	-20%	+15%	99.1	12,502	-16%	+26%
Aweil South	Watmuok	98,752	-19%	NA	104.8	11,878	-17%	+49%
Aweil West	Marial Baai	93,318	NA	NA	94.3	11,627	NA	NA
Aweil West	Nyamiel Town	85,128	NA	+12%	84.3	11,466	NA	+41%
Unity								
Abiemnhom	Abiemnhom Town	111,385	NA	NA	114.2	14,118	NA	NA
Koch	Koch Town	117,985	-16%	NA	119.2	14,608	-23%	-6%
Leer	Leer Town	134,349	+20%	NA	137.4	18,322	+31%	NA
Mayendit	Mayendit Town	NA	NA	NA	NA	18,928	NA	+118%
Mayom	Mayom Town	140,912	NA	NA	142	19,578	NA	NA
Panyijjar	Ganyiel	NA	NA	NA	NA	16,128	+6%	+95%
Panyijjar	Nyal	145,940	+26%	+11%	147.4	14,714	-16%	+54%
Pariang	Ajuong-Thok RC	136,835	+15%	NA	140.3	19,786	+17%	+134%
Pariang	Pamir RC	129,980	+21%	+90%	131.3	15,654	+8%	+92%
Rubkona	Bentiu	92,623	+3%	+48%	90.8	18,198	+31%	+104%
Rubkona	Rubkona Town	92,759	+16%	+55%	90.1	18,919	+73%	+112%
Upper Nile								
Fashoda	Kodok	85,691	NA	-58%	86.1	13,727	-2%	+71%
Longochuk	Methiang	112,150	NA	NA	113.3	9,235	NA	NA
Luakpiny Nasir	Jikmir	NA	NA	NA	NA	23,149	+34%	+107%
Maban	Bunj	109,875	+6%	NA	111	20,091	+4%	NA
Maban	Doro RC	89,833	-10%	NA	88.5	17,246	-7%	NA
Maban	Kaya RC	110,279	+31%	NA	111.4	16,502	+8%	NA
Maban	Yusuf-Battil RC	120,212	+20%	NA	121.4	17,524	+11%	NA
Malakal	Malakal PoC	75,794	-46%	-6%	76.6	15,468	-22%	+30%
Renk	Renk Town	77,753	NA	-1%	78.5	12,795	NA	+64%
Warrap								
Gogrial East	Luonyaker	106,484	+5%	+35%	107.6	8,006	-10%	+9%
Gogrial West	Akon	100,296	-4%	+12%	101.3	7,930	-17%	+6%
Gogrial West	Kuajok	113,628	+2%	+30%	114.8	12,806	+16%	+85%
Tonj East	Romich	105,092	-22%	+26%	106.2	9,355	-24%	+24%
Tonj North	Warrap Town	122,118	-1%	+64%	123.4	12,180	+11%	+93%
Tonj South	Tonj Town	122,231	0%	+45%	123.5	13,626	+11%	+95%
Twic	Turalei	108,990	-2%	+18%	111.2	12,543	+57%	+17%
Twic	Wunrok	106,032	-13%	+20%	107.9	11,139	+5%	+21%
Western Equatoria								
Ezo	Ezo Town	70,393	0%	+143%	71.1	10,737	0%	+91%
Mundri East	Lui	153,240	-7%	+127%	154.8	16,405	+23%	+120%
Mundri West	Mundri Town	121,220	-24%	+102%	122.4	12,588	+6%	+73%
Mvolo	Mvolo Town	96,668	NA	NA	97.6	10,970	+1%	NA
Nzara	Nzara Town	54,484	-20%	+74%	97.1	10,451	+6%	+55%
Yambio	Yambio Town	59,525	-7%	+65%	60.1	7,634	+5%	+27%
Median		104,339	-8%	+40%	105.5	12,806	-9%	+59%

⁴ 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.

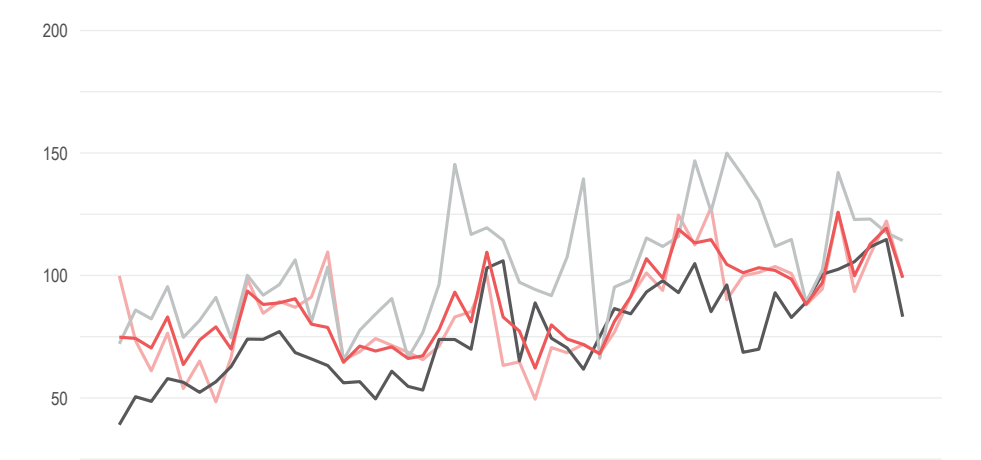
MSSMEB FOOD BASKET OVER TIME⁷

Aug 2019 - September 2023 in SSP



MSSMEB FOOD BASKET OVER TIME⁷

Aug 2019 - September 2023 in USD



FOOD PRICE INDEX OVER TIME⁷

Aug 2019 - September 2023 in SSP



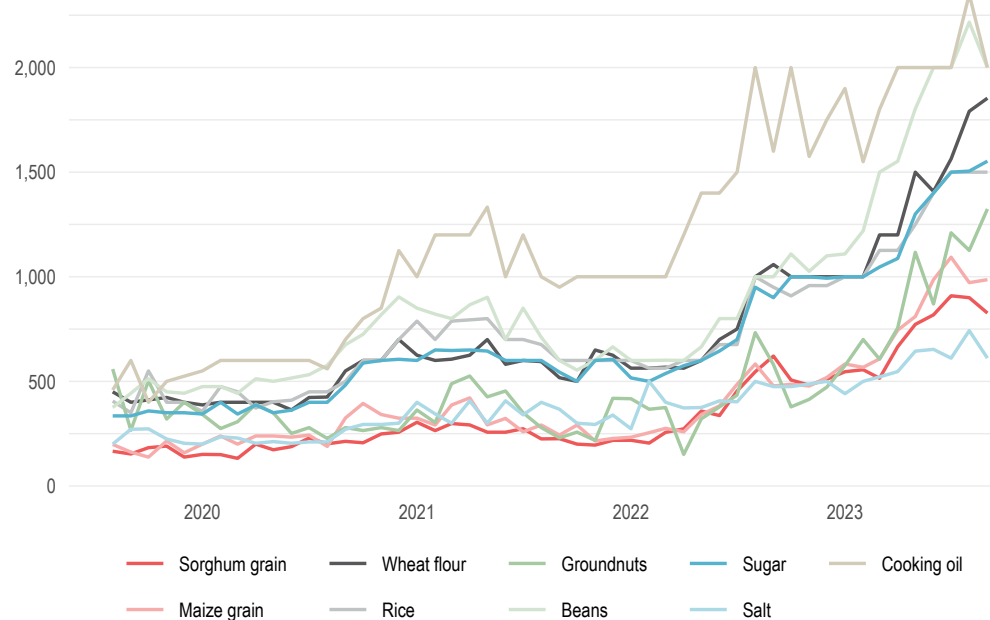
PRICES OF MONITORED ITEMS

Item	Unit	Median price in SSP	Change since July 2023	Change since August 2022	Median price in USD
Food Items					
Sorghum grain	1 kg	806	▼11%	▲30%	0.81
Maize grain	1 kg	986	▲1%	▲106%	1.00
Wheat flour	1 kg	1,745	▼7%	▲65%	1.76
Rice	1 kg	1,500	►0%	▲58%	1.52
Groundnuts	1 kg	1,324	▲18%	▲128%	1.34
Beans	1 kg	2,000	▼10%	▲100%	2.02
Sugar	1 kg	1,503	►0%	▲67%	1.52
Salt	1 kg	611	▼18%	▲29%	0.62
Cooking oil	1 kg	2,000	▼15%	▲25%	2.02
Water*	1 L	na	na	▲100%	na
Non-Food Items					
Soap	200 g	400	▼20%	▲23%	0.40
Jerrycan	1 pc	3,000	►0%	▲94%	3.03
Mosquito net	1 pc	3,000	▲12%	▲20%	3.03
Exercise book	1 pc	600	▲4%	▲71%	0.61
Blanket	1 pc	7,000	▲39%	▲8%	7.07
Cooking pot	1 pc	7,000	▼8%	▲40%	7.07
Plastic sheet	1 pc	14,500	▼2%	▲90%	14.65
Pole	1 pc	2,000	▲33%	▲67%	2.02
Firewood	1bundle	1,000	►0%	▲43%	1.01
Charcoal	1 kg	169	▼3%	▲17%	0.17
Rubber rope	1 roll	2,000	►0%	▲51%	2.02
Kanga	1 roll	5,025	▲7%	na	5.08
Solar lamp	1 pc	4,125	▲22%	na	4.17
Plastic bucket	1 pc	3,250	▼1%	na	3.28
Sanitary pads	1 pc	1,500	▼4%	na	1.52
Pen	1 pc	200	na	na	0.20
Pencil	1 pc	150	na	na	0.15
Rubber	1 pc	200	▼9%	na	0.20
Sharpener	1 pc	200	▼10%	na	0.20
Sleeping mat	1 pc	6,500	▼10%	na	6.57
Livestock					
Goat	1 goat	30,250	▲1%	▲73%	30.56
Chicken	1 chicken	4,750	▲31%	▲58%	4.80
Services					
Milling costs	1 kg	125	▲10%	▲45%	0.13
Currencies					
US dollar	1 USD	990	▲233%	▲74%	
Sudanese pound	1 SDG	1.36	►0%	▲12%	
Ethiopian birr	1 ETB	11.00	▼11%	▲18%	
Ugandan shilling	1 UGX	0.28	▼13%	▲18%	
Kenyan shilling	1 KES	7.93	▲43%	▲135%	

* Prices only collected for Juba Town

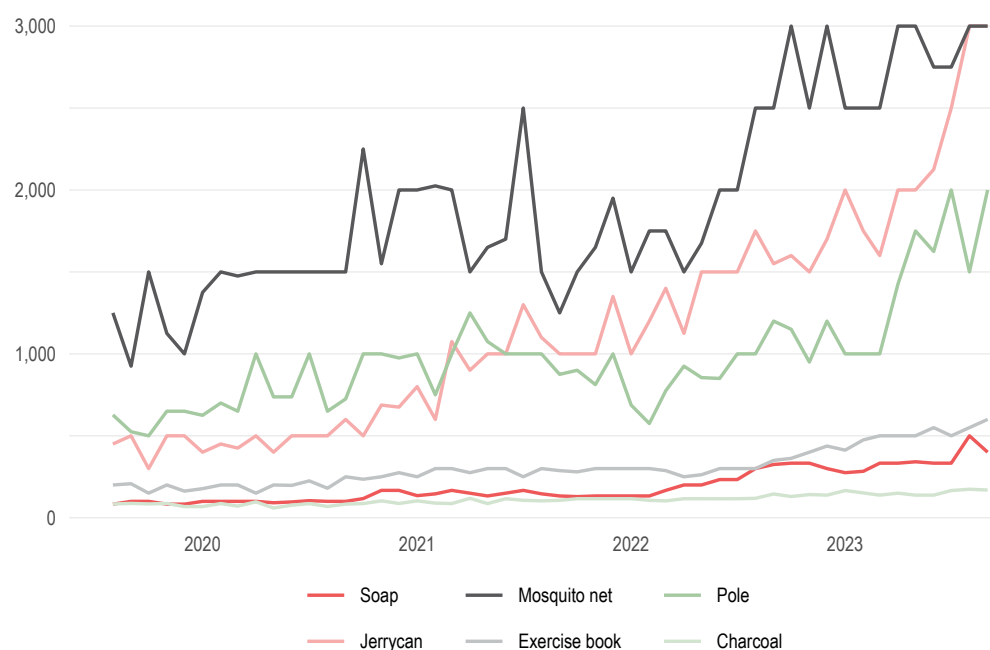
FOOD PRICES OVER TIME

Aug 2019 - September 2023 in SSP



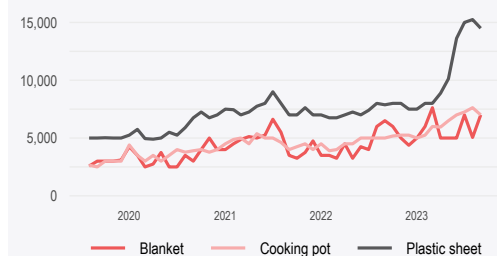
NFI PRICES OVER TIME

Aug 2019 - September 2023 in SSP



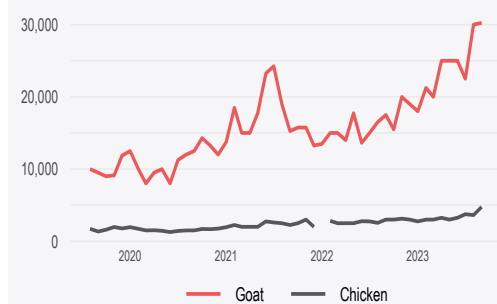
NFI PRICES OVER TIME CONT.

Aug 2019 - Sept 2023 in SSP



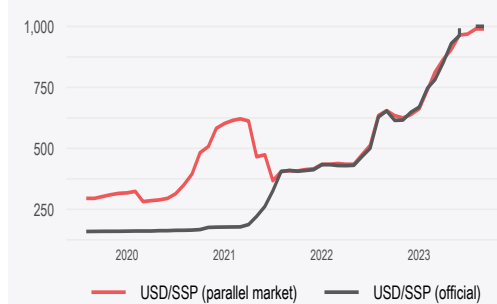
LIVESTOCK PRICES OVER TIME

Aug 2019 - Sept 2023 in SSP

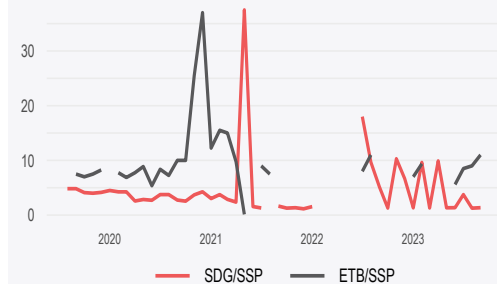


There is a gap in July 2022 because prices for chicken were not collected.

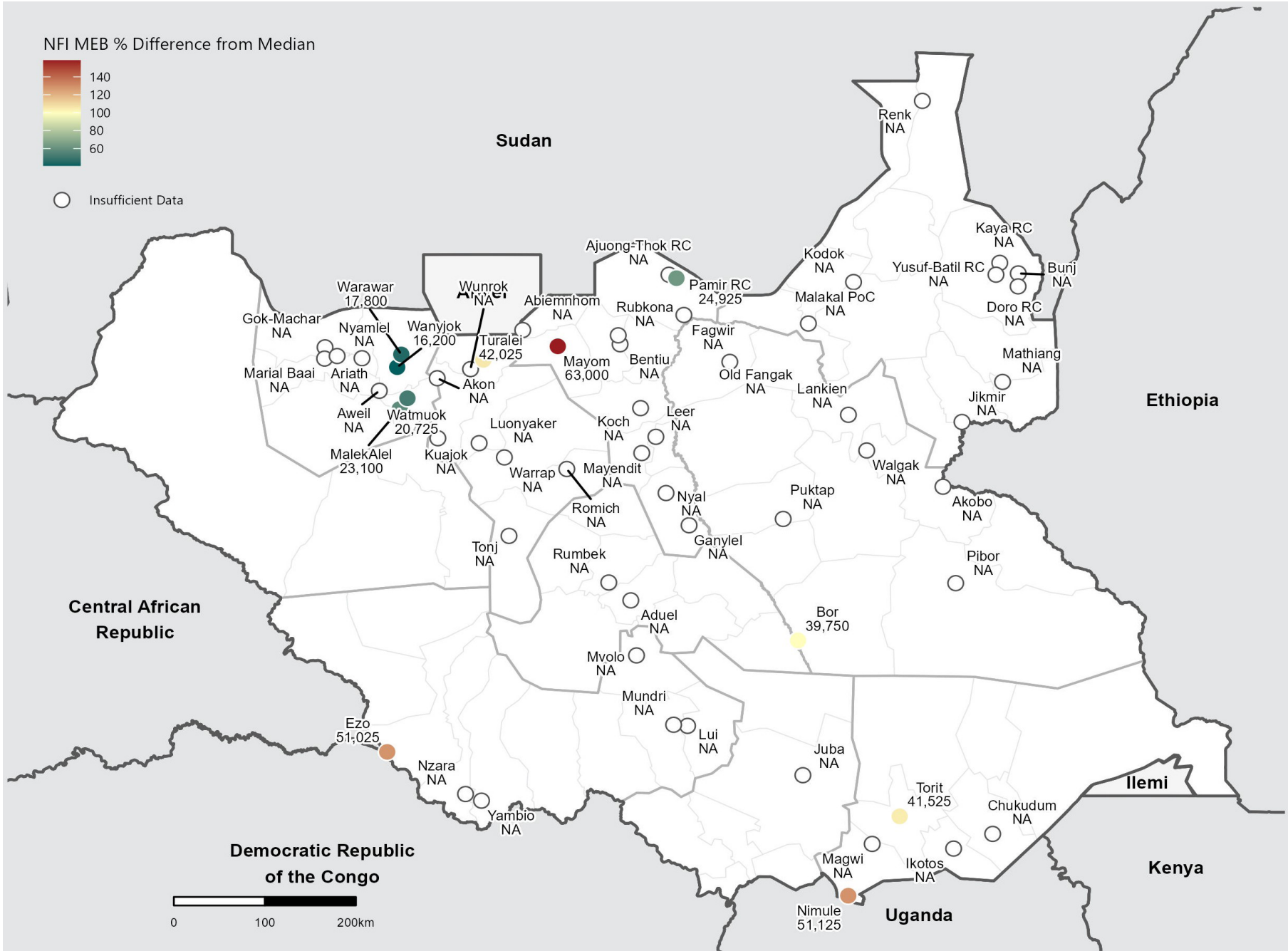
USD EXCHANGE RATE OVER TIME



OTHER EXCHANGE RATES OVER TIME (Parallel market rates)



NFIs Component of the MSSMEB Costs

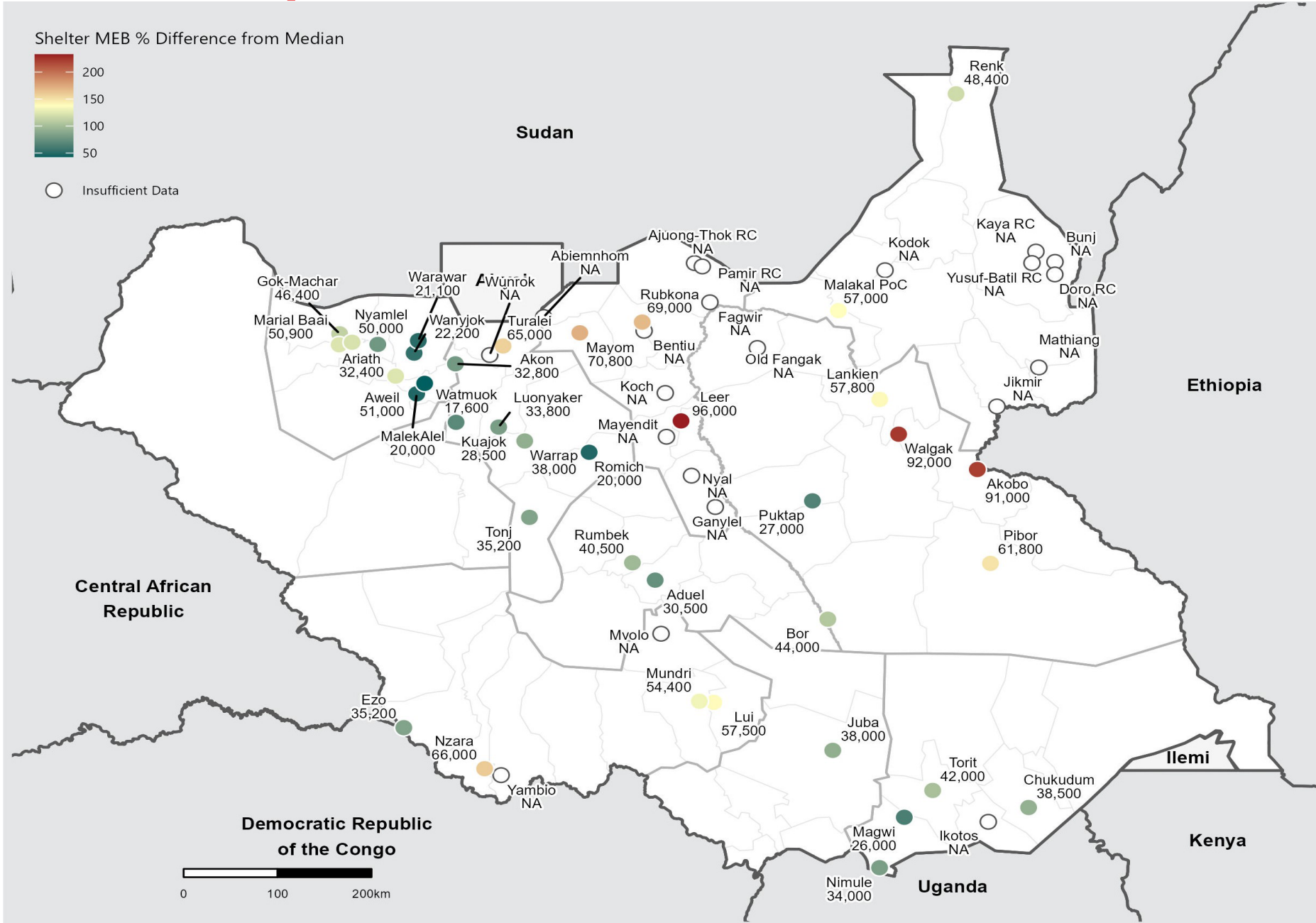


NFI MSSMEB
39,750 SSP
35.47 USD⁵

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

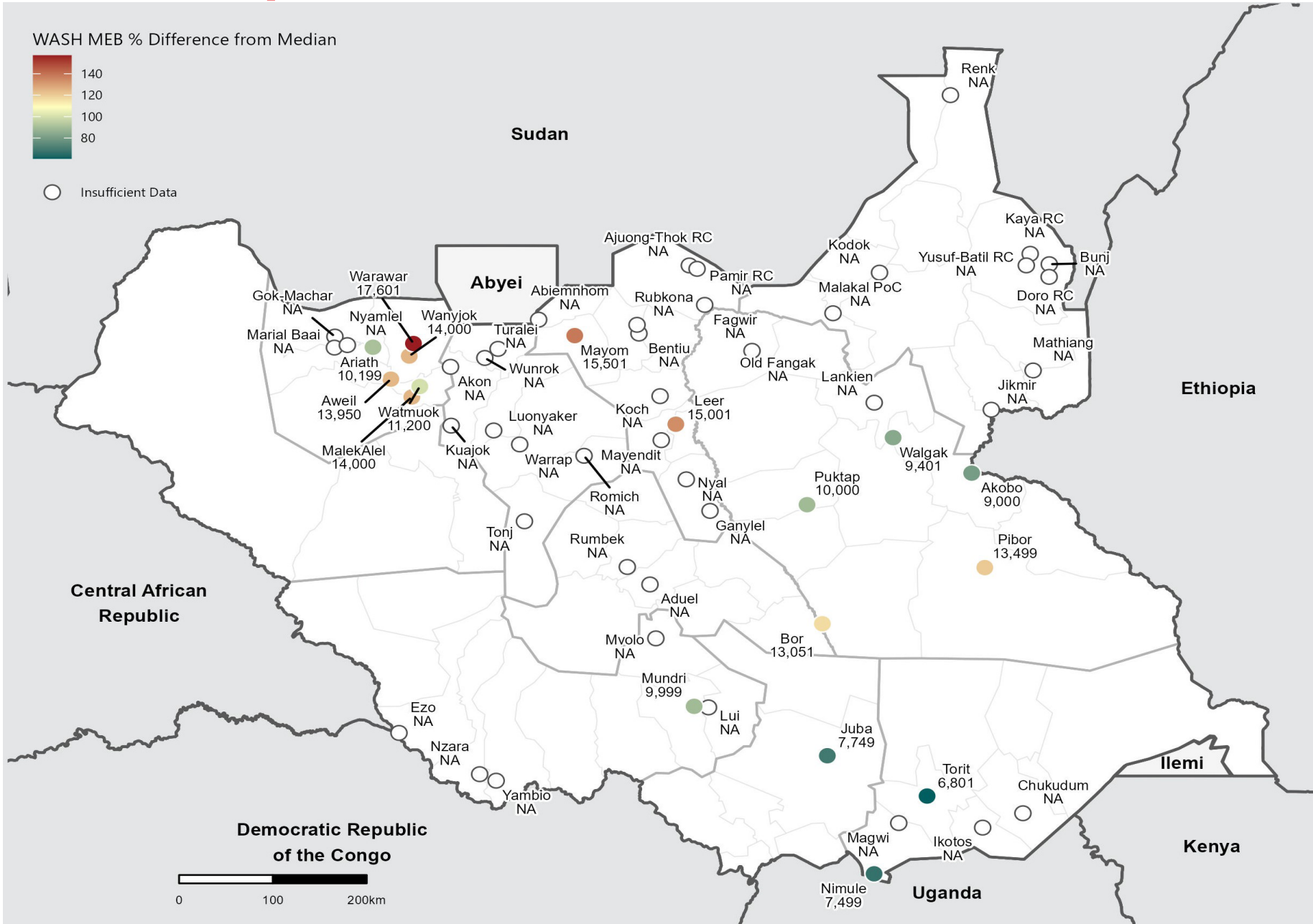
41,250 SSP

42.46 USD⁵

SHELTER MEB ITEMS

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

WASH Component of the MSSMEB Costs



WASH MSSMEB¹
11,200 SSP
11.7 USD⁵

WASH MEB ITEMS

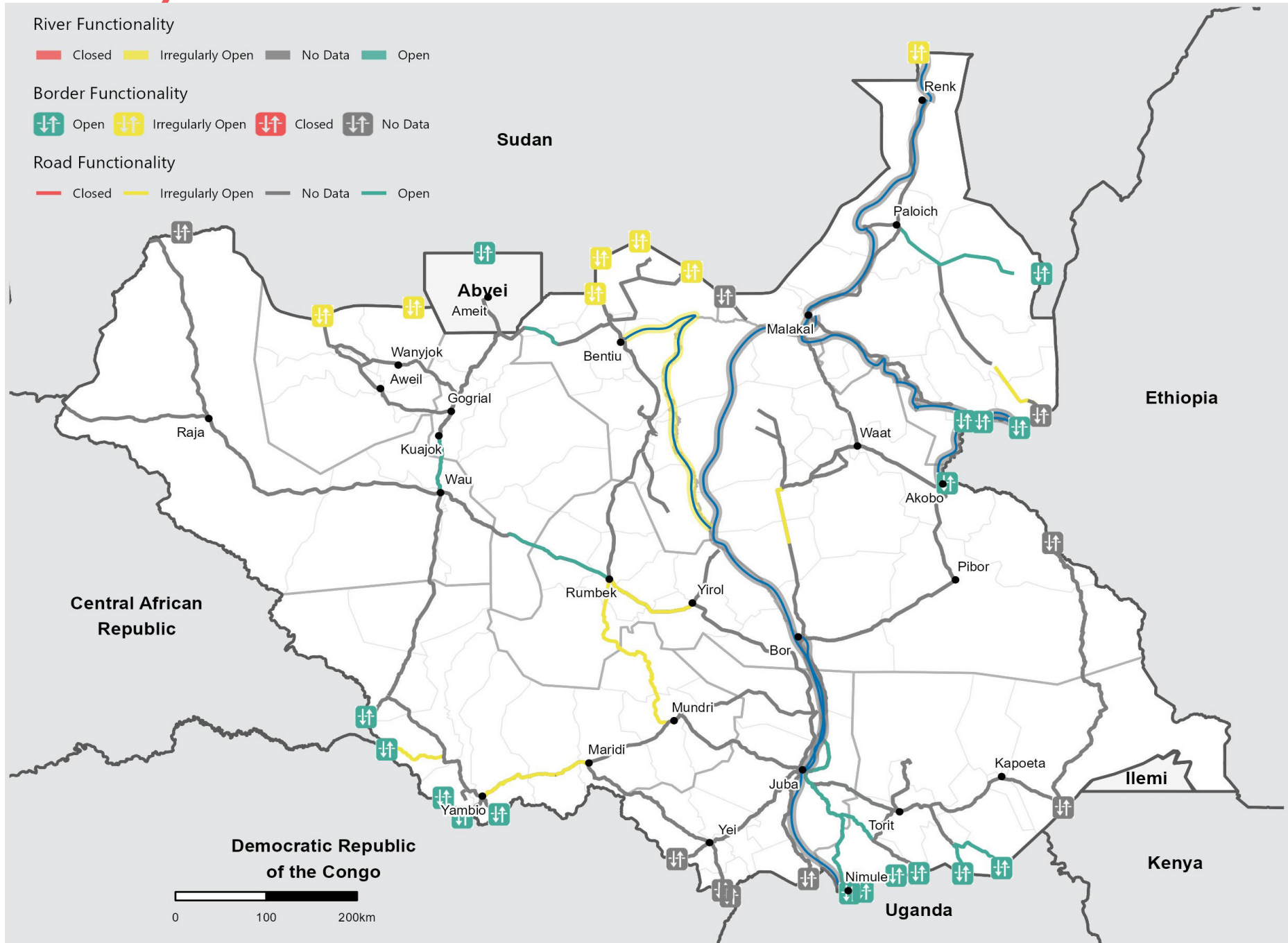
Soap long bar (600 g)	3 pcs
Jerrycan (20 liters)	1 pc
Plastic bucket	1 pc
Sanitary Pad (reusable)	2 pcs

Main NFI Supply Routes



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

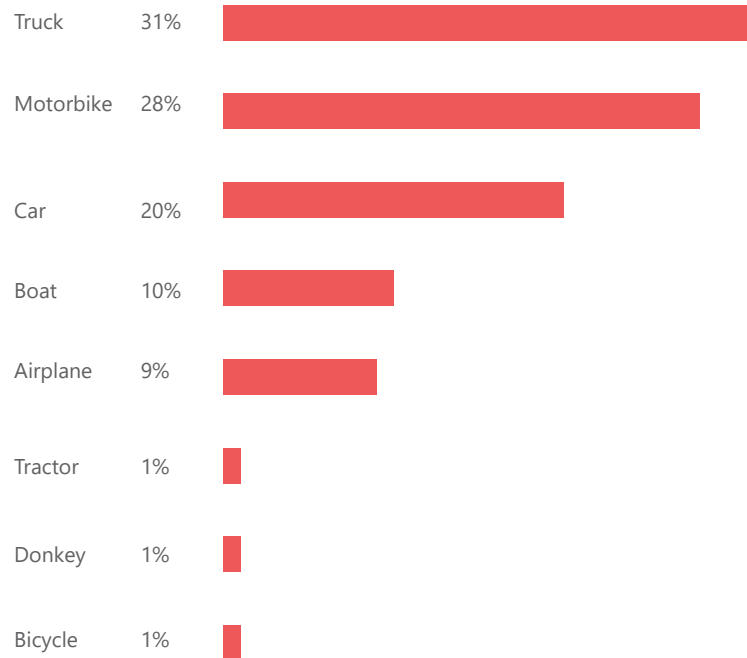
Roads, River Routes and Border Conditions



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

Additional Indicators

Primary modes of transport for restocking local cereals reported by traders



7 days

median time to restock locally produced cereals from out of town



58% of staple cereal traders reported restocking from a local producer



62% of food traders expect price increases
12% of food traders do not expect price changes
15% of food traders expect price decreases
11% of food traders do not have any price expectations

7 days

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

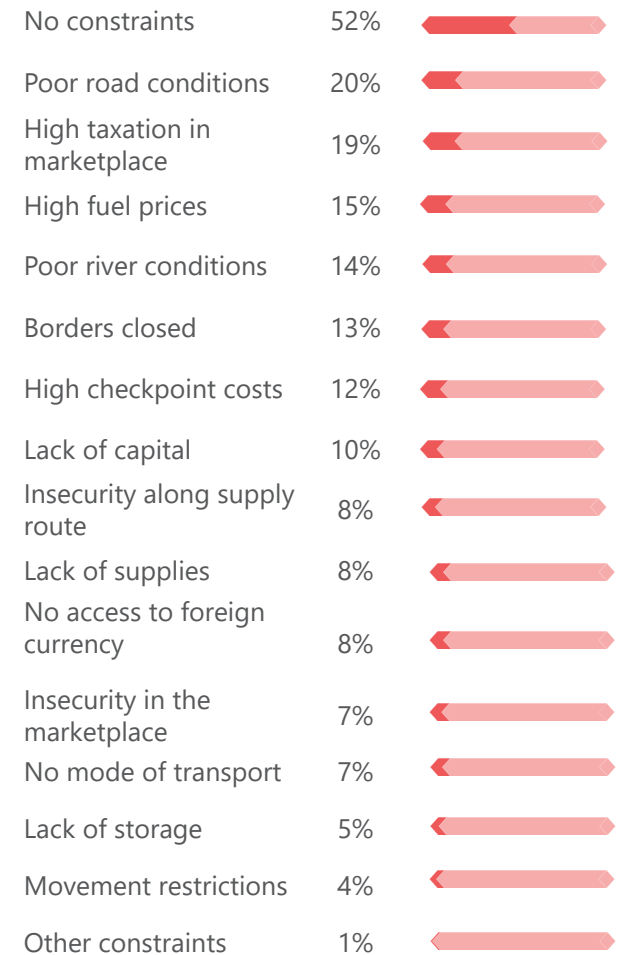


39% of traders reported restocking NFIs from a wholesaler in town

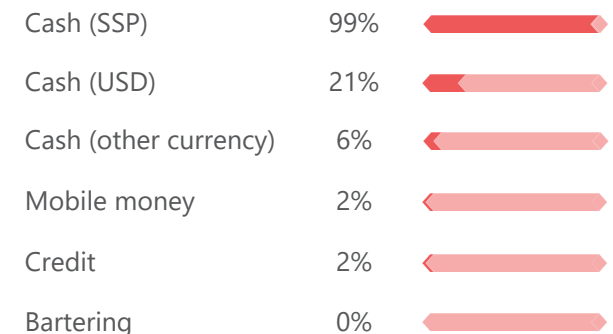


59% of non-food traders expect price increases
17% of non-food traders do not expect price changes
10% of non-food traders expect price decreases
14% of non-food traders do not have any price expectations

Reported restocking constraints*



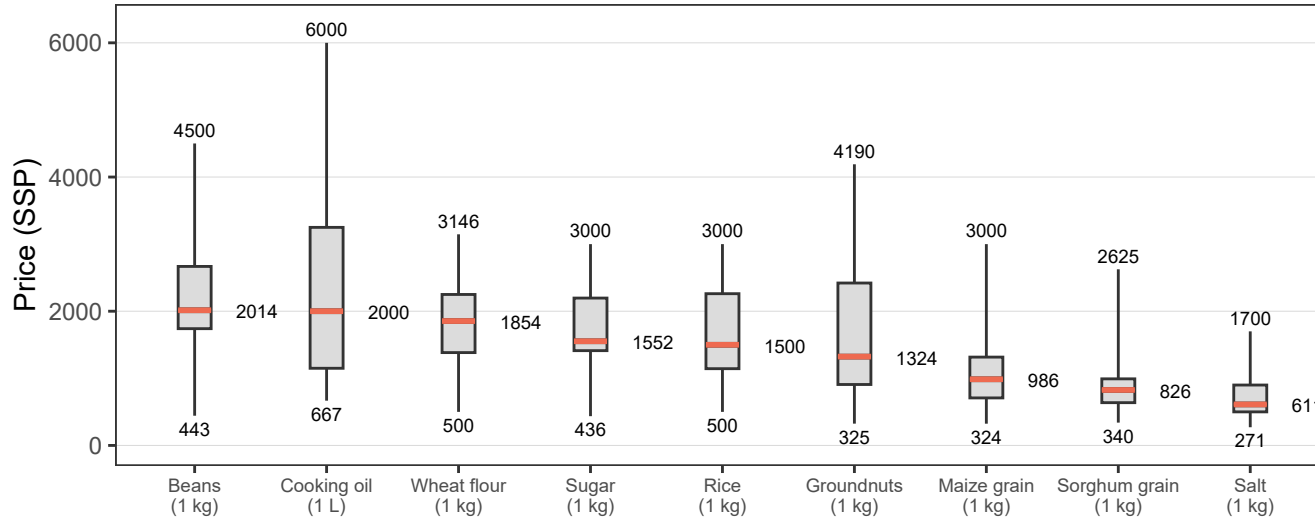
Accepted payment modalities*



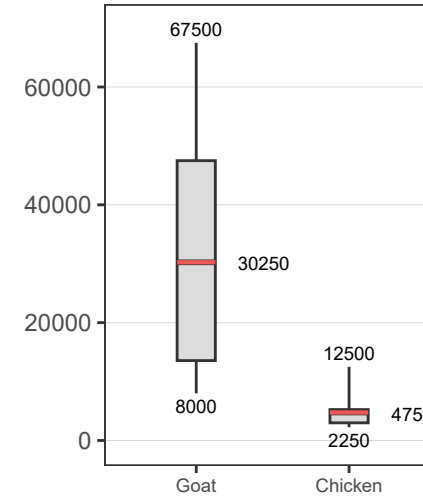
* Values do not add up to 100% as traders were allowed to select multiple options.

Distribution of Prices

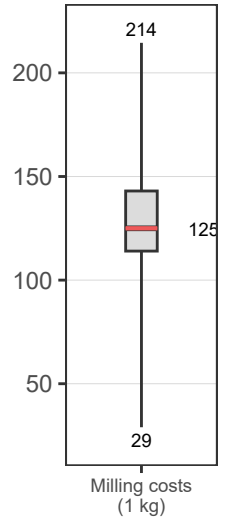
Food Items



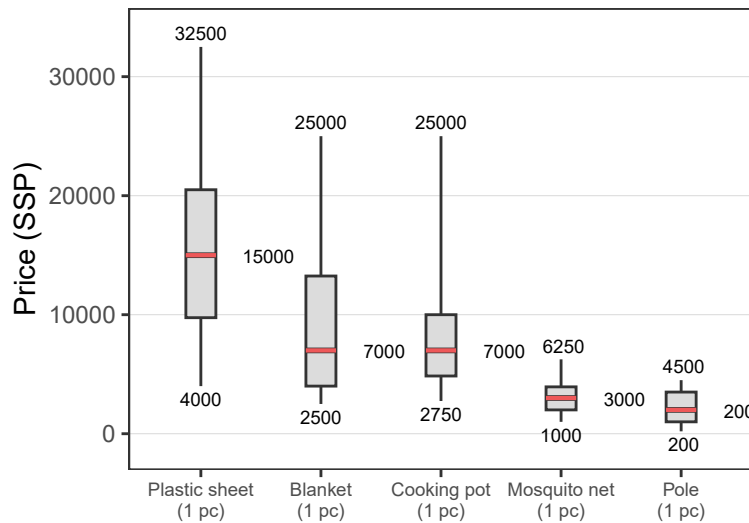
Livestock



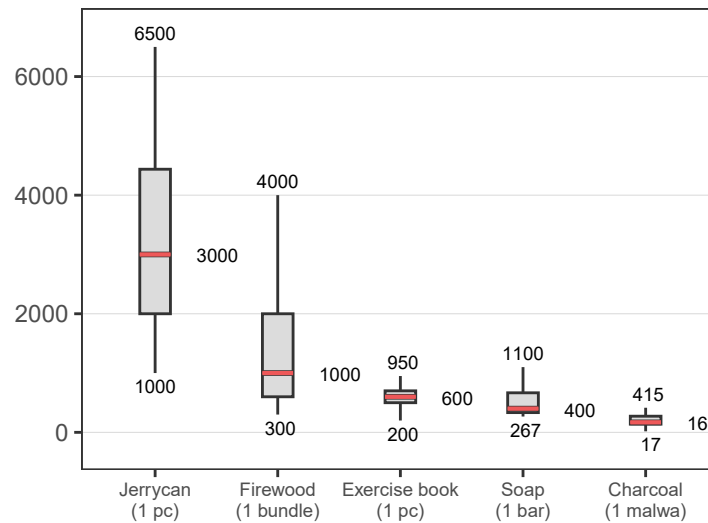
Services



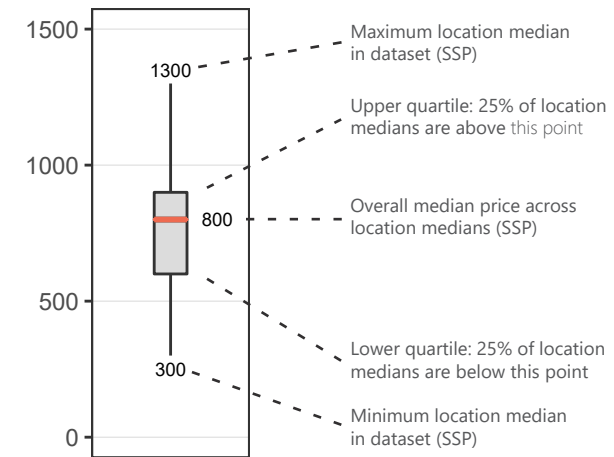
NFIs 1



NFIs 2



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 basket	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													
Budi	Chukudum	60	60	60	na	na	60	28	21	30	na	2	5
Ikotos	Ikotos Town	60	60	60	na	na	60	28	21	30	na	2	5
Magwi	Magwi Town	60	60	60	na	na	60	28	21	30	na	2	5
	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	Akobo Town	30	30	45	30	na	na	21	37	na	7	6	19
	Walgak	30	30	45	30	na	na	21	37	na	7	6	19
Bor South	Bor Town	na	na	na	na	na	na	na	na	na	na	30	30
Duk	Puktap	na	na	na	na	na	na	na	na	na	na	30	30
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
Nyirrol	Lankien	na	na	na	na	na	na	na	na	na	na	3	3
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
Northern Bahr el Ghazal													
Aweil Center	Aweil Town	na	na	4	na	na	na	5	5	21	na	na	1
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
	Gok-Machar	na	na	na	na	na	na	5	3	14	na	na	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
Aweil West	Marial Baai	na	na	na	na	na	na	5	3	14	na	na	1
	Nyamlel Town	na	na	na	na	na	na	5	3	14	na	na	1
Unity													
Abiemnhom	Abiemnhom Town	30	na	na	na	na	na	na	na	na	na	10	10
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
	Rubkona town	21	25	28	21	na	na	na	na	na	8	8	7
Upper Nile													
Fashoda	Kodok	na	na	na	na	na	na	na	na	na	na	na	3
Longochuk	Mathiang	21	na	na	na	na	na	na	na	na	na	na	2
Luakpiny/Nasir	Jikmir	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
Malakal	Malakal PoC	14	14	14	14	na	na	14	18	14	7	1	1
Renk	Renk 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 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

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

⁵ The official rate was used for the conversion to USD.

⁶ Reported changes are month-over-month and may be impacted by changes in coverage..

⁷ 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
August	August

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