

INTRODUCTION

In an effort to inform cash-based interventions and better understand market dynamics in South Sudan, the Joint Market Monitoring Initiative (JMMI) was created by the South Sudan Cash Working Group (CWG) in August 2019. The initiative is guided by the JMMI Technical Working Group (JMMI-TWG), led by REACH and supported by the CWG members. The initiative is funded by World Food Programme.

Marketplaces across South Sudan are assessed on a monthly basis. In each location, field teams record prices and other market indicators through trader interviews.

This factsheet presents an overview of prices for key foods and non-food items (NFIs) in the assessed areas, as well as the costs associated with key elements of the Multi-Sector Survival Minimum Expenditure Basket (MSSMEB).

Cost of MSSMEB¹

63,987 SSP
104.47 USD*

+3,396 SSP ▲ 6%

Cost of food basket²

44,211 SSP
72.18 USD*

+1,062 SSP ▲ 2%

USD/SSP (parallel market)³

612

-9 SSP ▲ 1%

USD/SSP (official)⁴

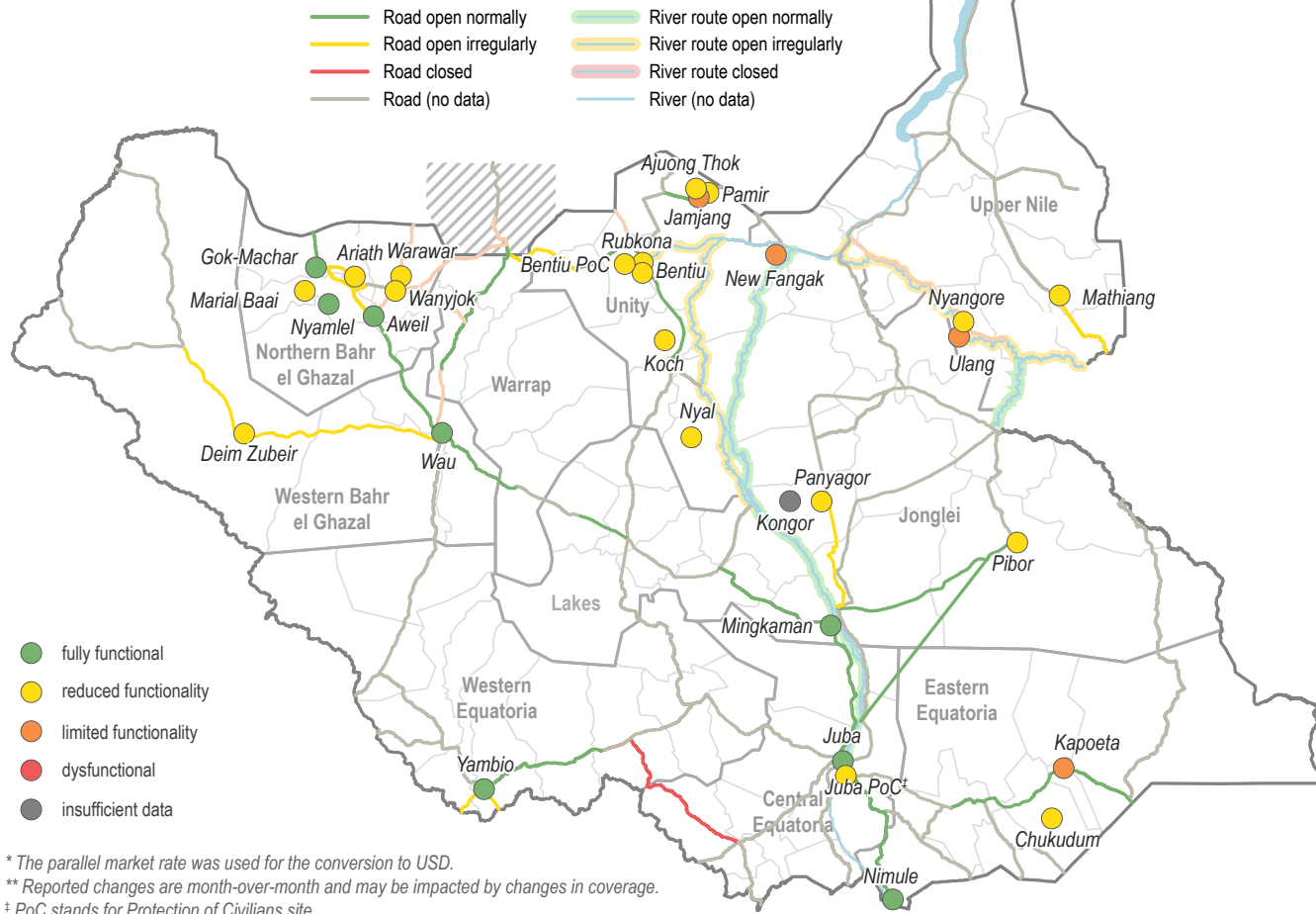
188

+10 SSP ▲ 5%

PARTICIPATING AGENCIES

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

MARKET FUNCTIONALITY



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

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

† PoC stands for Protection of Civilians site.

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

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

20 participating agencies[§]

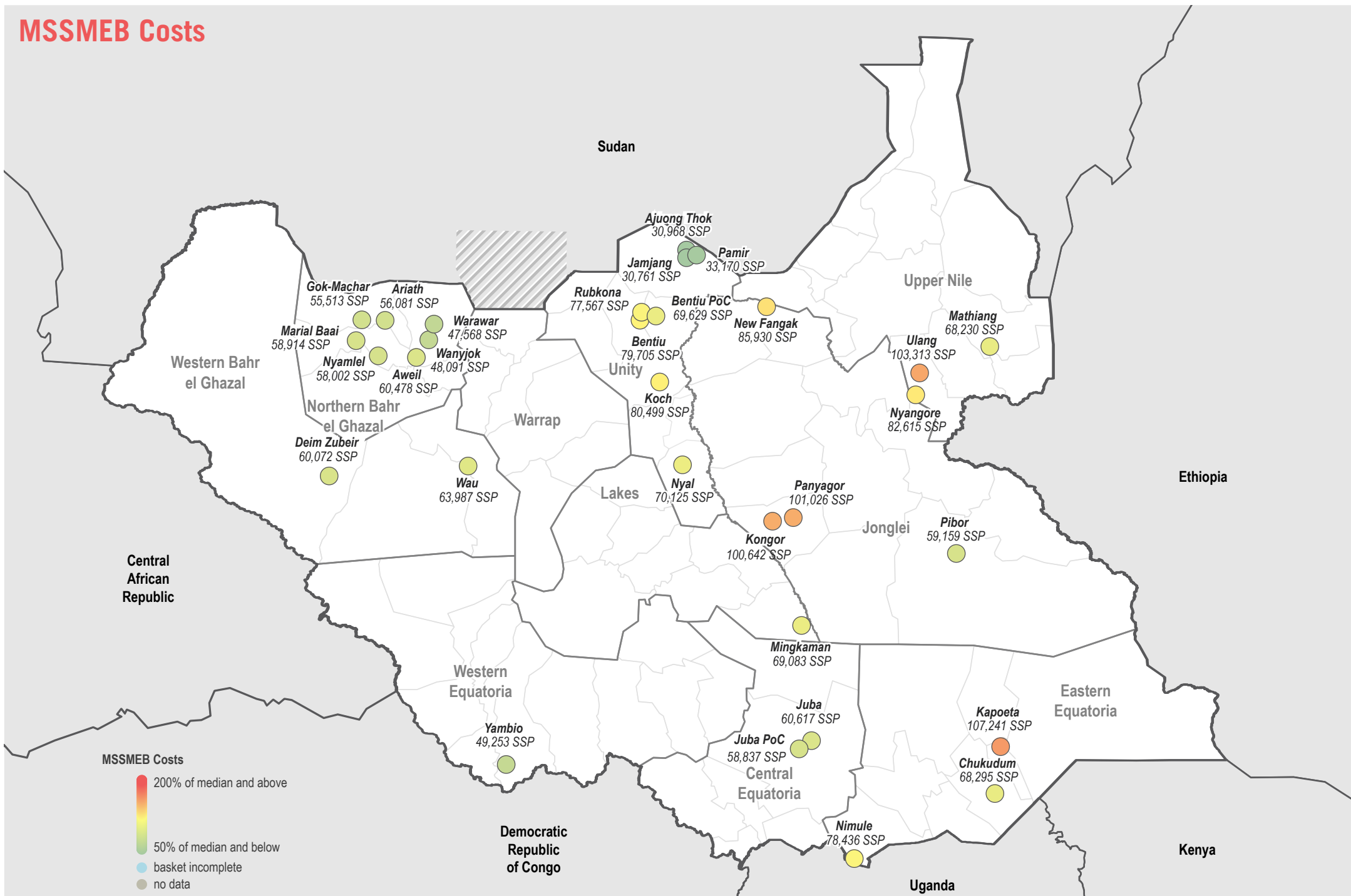
31 assessed locations[†]

50 assessed marketplaces

663 key informants

21 assessed commodities

MSSMEB Costs



MSSMEB CONTENTS

Food Items

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

Non-Food Items (monthly)

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

Non-Food Items (one-off)*

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

The Multi-Sectoral Survival Minimum Expenditure Basket (MSSMEB) represents the minimum culturally adjusted group of items required to support a six-person South Sudanese household for one month. The cost of the MSSMEB can be used as a proxy for the financial burdens facing households in different locations. The MSSMEB's contents were defined by the CWG in consultation with relevant sector leads.

* Only the MSSMEB's key elements (food and monthly non-food items, excluding bleach, pencils, pens, rubbers and sharpeners) were incorporated into the calculations in this factsheet. See appendix for more detail on the calculation of the MSSMEB.

** Traditional piece of garment

Cost of median MSSMEB (key items)

63,987 SSP

104.47 (at parallel market rate)

341.16 (at official rate)

Change since March 2021

3,396 SSP ▲ 6%

Change since March 2020

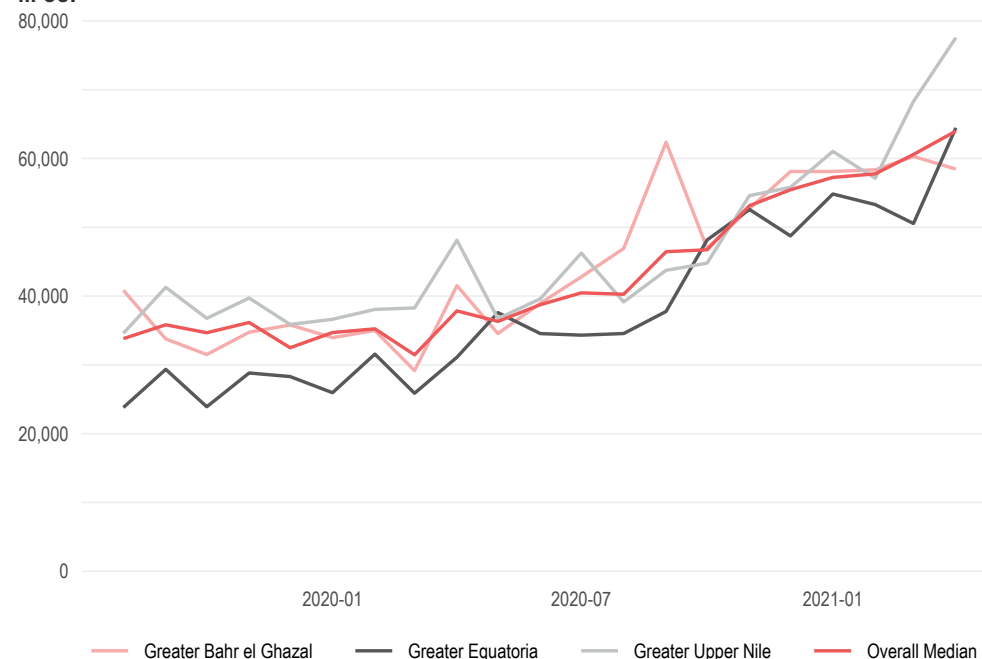
26,140 SSP ▲ 69%

MSSMEB PER LOCATION

County	Location	MSSMEB key items in SSP	Change since March 2021	Change since April 2020	MSSMEB key items in USD†
Central Equatoria					
Juba	Juba PoC §	58,837	na	na	96.06
	Juba Town	60,617	▲ 6%	na	97.77
Eastern Equatoria					
Budi	Chukudum	68,295	na	▲ 144%	111.96
Kapoeta South	Kapoeta Town	107,241	▲ 113%	▲ 242%	175.09
Magwi	Numule	78,436	▲ 4%	▲ 130%	125.50
Jonglei					
Fangak	New Fangak	85,930	▼ 11%	▼ 51%	140.87
Pibor	Pibor Town	59,159	na	na	96.19
Twic East	Kongor	100,642	na	na	164.31
	Panyagor	101,026	na	▲ 170%	166.98
Lakes					
Awerial	Mingkaman	69,083	▼ 45%	▲ 66%	112.79
Northern Bahr el Ghazal					
Aweil Centre	Aweil Town	60,478	▲ 9%	na	96.96
Aweil East	Wanyjok	48,091	na	na	78.52
	Warawar	47,568	na	na	77.66
Aweil North	Ariath	56,081	na	na	91.56
	Gok-Machar	55,513	▼ 8%	na	92.14
Aweil West	Marial Baai	58,914	na	na	97.58
	Nyamiel Town	58,002	▼ 5%	na	94.70
Unity					
Koch	Koch Town §	80,499	▲ 3%	na	131.43
Panyijjar	Nyal	70,125	na	▲ 46%	119.87
Pariang	Ajuong Thok RC	30,968	▲ 16%	na	50.77
	Jamjang	30,761	▼ 2%	▲ 46%	50.22
Rubkona	Pamir RC	33,170	▼ 15%	▲ 25%	54.16
	Bentiu	79,705	▲ 7%	▲ 43%	128.30
Rubkona	Bentiu PoC§	69,629	▲ 77%	na	114.15
	Rubkona	77,567	▲ 10%	▲ 177%	125.87
Upper Nile					
Longochuk	Mathiang	68,230	▼ 17%	▼ 13%	109.17
Ulang	Nyangore	82,615	▼ 19%	na	171.22
	Ulang Town	103,313	▲ 32%	na	208.71
Western Bahr el Ghazal					
Raja	Deim Zubeir	60,072	▲ 2%	na	98.08
Wau	Wau	63,987	▲ 6%	▲ 80%	104.47
Western Equatoria					
Yambio	Yambio Town	49,253	▲ 11%	▲ 139%	79.60
Overall		63,987	▲ 6%	▲ 69%	104.47

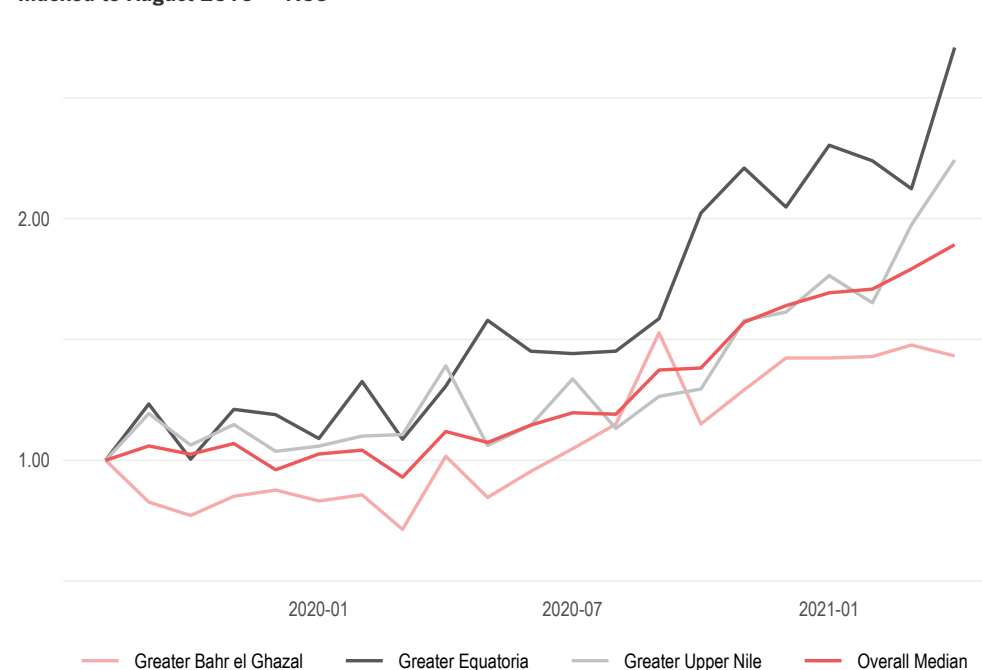
MSSMEB OVER TIME⁵

in SSP



MSSMEB OVER TIME⁵

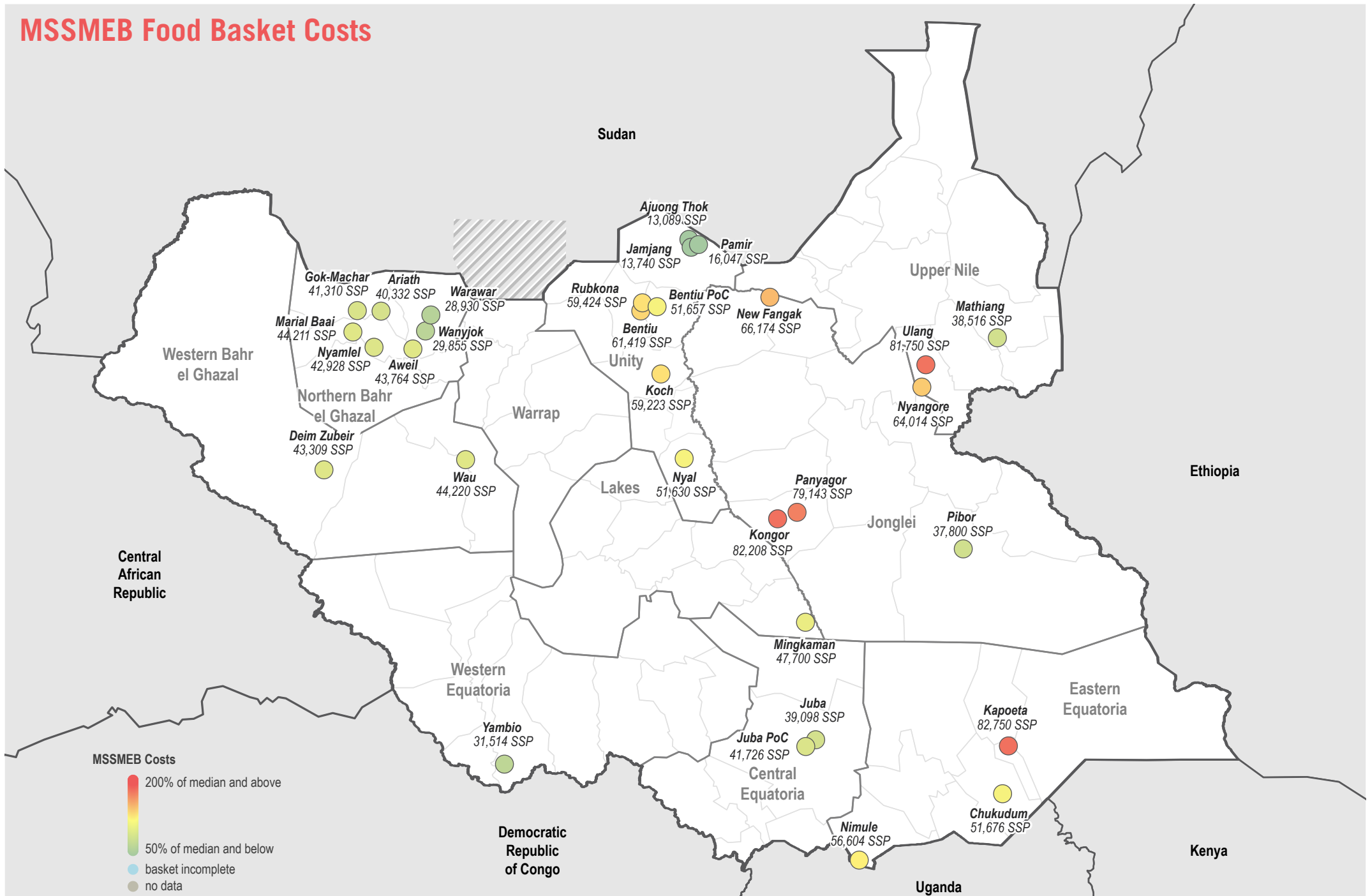
Indexed to August 2019 = 1.00⁶



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

‡ The food basket was incomplete, or no SSP conversion rate was available. The cereal prices from Ajuong Thok were imputed to calculate the MSSMEB index in Jamjang, and cereal prices from Juba Town were imputed to calculate the MSSMEB index in Juba PoC.

MSSMEB Food Basket Costs



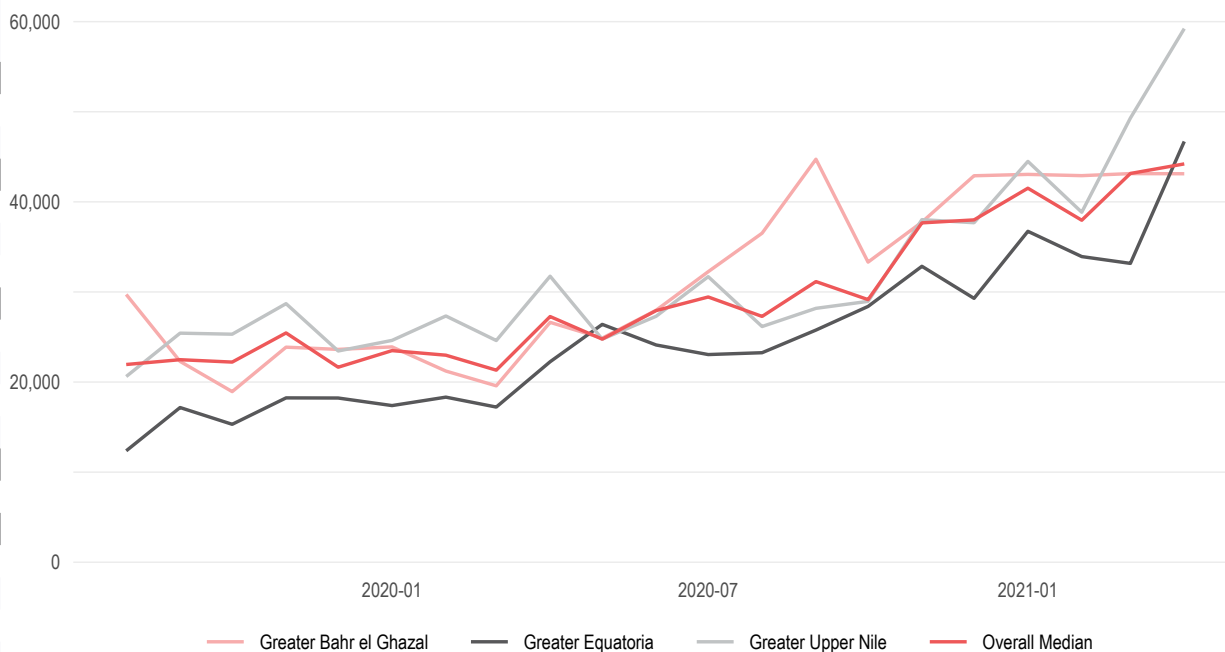
INDICES PER LOCATION

County	Location	MSSMEB food basket in SSP	Change since Mar 2021	Change since Apr 2020	Food price index* in SSP	Change since Mar 2021	Change since Apr 2020
Central Equatoria							
Juba	Juba PoC	41,726	na	na	5,093	na	na
	Juba Town	39,098	▲ 9%	▼ 23%	5,333	▲ 6%	▲ 40%
Eastern Equatoria							
Budi	Chukudum	51,676	na	▲ 164%	5,691	na	▲ 130%
Kapoeta South	Kapoeta Town	82,750	▲ 153%	▲ 313%	10,650	▲ 120%	▲ 310%
Magwi	Numule	56,604	▼ 1%	▲ 117%	6,289	▲ 11%	▲ 72%
Jonglei							
Fanagak	New Fangak	66,174	▼ 11%	▼ 60%	9,430	▲ 16%	▲ 39%
Pibor	Pibor Town	37,800	na	na	8,200	▲ 23%	na
Twic East	Kongor	82,208	na	na	7,156	na	na
	Panyagor	79,143	na	▲ 189%	5,982	na	▲ 78%
Lakes							
Awerial	Mingkaman	47,700	▼ 55%	▲ 78%	6,275	▼ 5%	▲ 89%
Northern Bahr el Ghazal							
Aweil Centre	Aweil Town	43,764	▲ 9%	na	5,760	▲ 13%	na
Aweil East	Wanyjok	29,855	na	na	3,496	na	na
	Warawar	28,930	na	na	2,973	na	na
Aweil North	Ariath	40,332	na	na	5,128	na	na
	Gok-Machar	41,310	▼ 8%	na	6,517	▲ 17%	na
Aweil West	Marial Baai	44,211	na	na	6,425	na	na
	Nyamlel Town	42,928	▼ 1%	na	5,917	▲ 5%	na
Unity							
Koch	Koch Town	59,223	▲ 4%	na	5,387	▼ 34%	na
Panyijiar	Nyal	51,630	na	▲ 63%	5,558	▲ 8%	▲ 45%
Pariang	AjuongThok RC	13,089	▼ 8%	▼ 38%	4,734	▼ 10%	▲ 14%
	Jamjang	13,740	▲ 1%	▲ 21%	4,713	▼ 1%	▲ 60%
	Pamir RC	16,047	▼ 28%	▼ 7%	4,566	▼ 24%	▲ 40%
Rubkona	Bentiu	61,419	▲ 10%	▲ 37%	7,584	▲ 23%	▲ 70%
	Bentiu PoC	51,657	▲ 135%	na	5,420	▲ 34%	na
	Rubkona Town	59,424	▲ 15%	▲ 231%	8,119	▲ 47%	▲ 85%
Upper Nile							
Longochuk	Mathiang	38,516	▼ 39%	▼ 42%	4,832	▲ 10%	▲ 54%
Ulang	Nyangore	64,015	▲ 5%	na	7,113	▼ 34%	na
	Ulang Town	81,750	▲ 47%	▲ 40%	9,738	▲ 48%	▲ 56%
Western Bahr el Ghazal							
Raja	Deim Zubeir	43,309	▲ 4%	na	6,132	▲ 18%	na
Wau	Wau	44,220	▲ 9%	▲ 95%	4,360	▼ 11%	▲ 62%
Western Equatoria							
Yambio	Yambio	31,514	▲ 16%	▲ 162%	4,680	▼ 9%	▲ 74%
Overall		37,666	▲ 25%	▲ 44%			▲ 40%

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

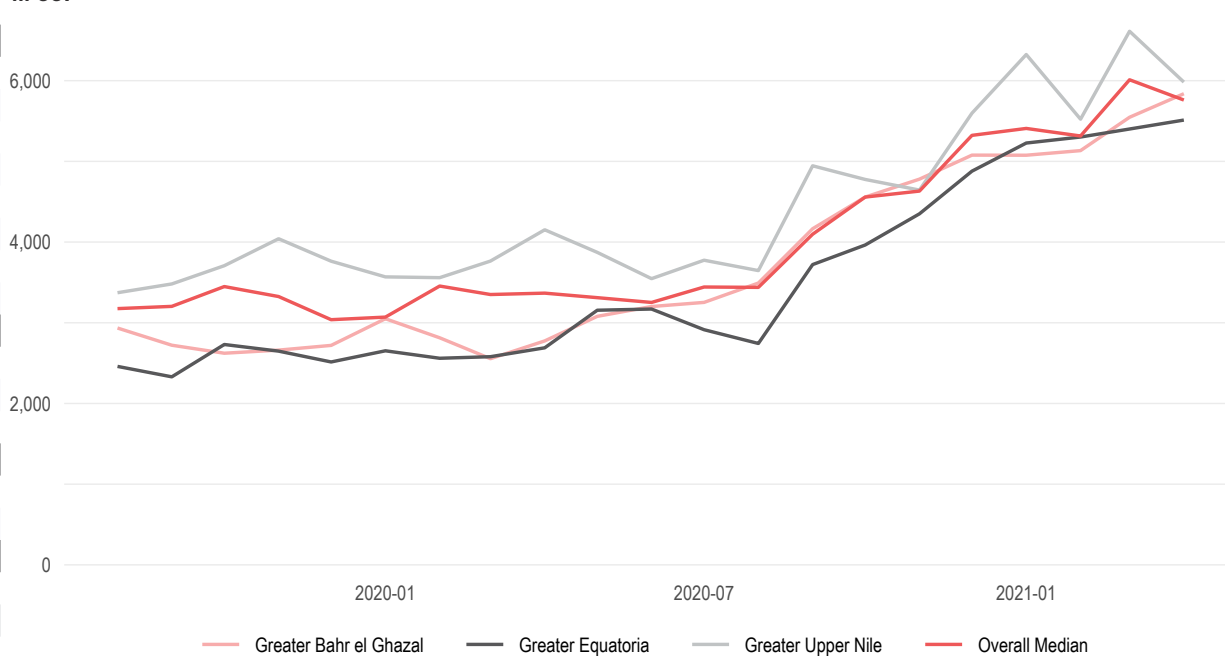
MSSMEB FOOD BASKET OVER TIME⁵

in SSP



FOOD PRICE INDEX OVER TIME⁵

in SSP



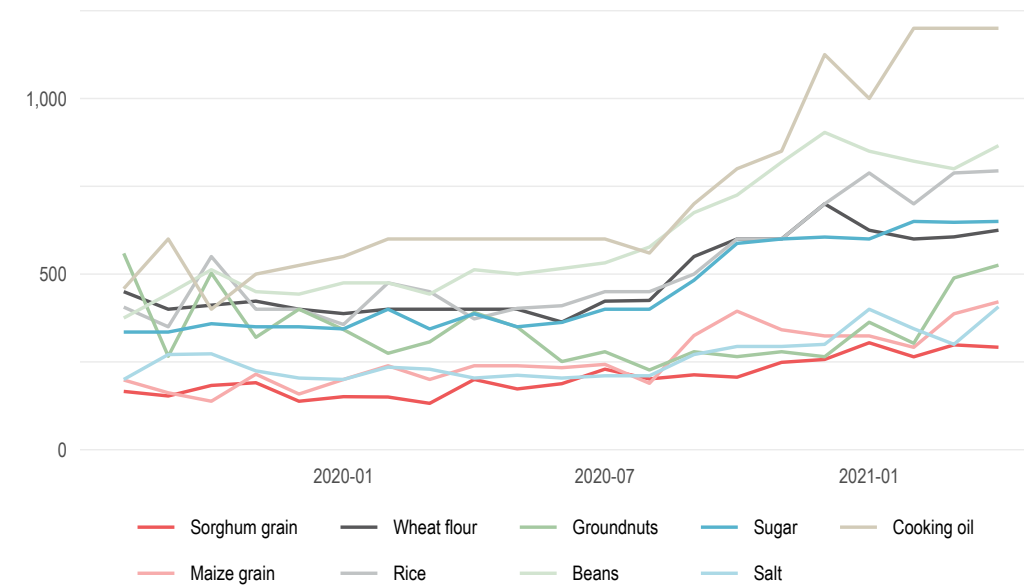
PRICES OF MONITORED ITEMS

Item	Unit	Median price in SSP	Change since March 2021	Change since April 2020	Median price in USD
Food Items					
Sorghum grain	1 kg	292	▼ 2%	▲ 46%	0.48
Maize grain	1 kg	421	▲ 9%	▲ 76%	0.69
Wheat flour	1 kg	625	▲ 3%	▲ 56%	1.02
Rice	1 kg	794	▲ 1%	▲ 113%	1.30
Groundnuts (shelled)	1 kg	526	▲ 7%	▲ 34%	0.86
Beans	1 kg	866	▲ 8%	▲ 69%	1.41
Sugar	1 kg	650	► 0%	▲ 68%	1.06
Salt	1 kg	407	▲ 36%	▲ 100%	0.66
Cooking oil	1 L	1,200	► 0%	▲ 100%	1.96
Water*	1 L	21	► 0%	na	na
Non-Food Items					
Soap	200 g	150	▼ 10%	▲ 50%	0.24
Jerrycan	1 pc	900	▼ 16%	▲ 80%	1.47
Mosquito net	1 pc	1,500	▼ 25%	► 0%	2.45
Exercise book	1 pc	275	▼ 8%	▲ 83%	0.45
Blanket	1 pc	5,125	▲ 5%	▲ 86%	8.37
Cooking pot	1 pc	4,500	▼ 10%	▲ 29%	7.35
Plastic sheet	1 pc	7,250	▲ 4%	▲ 48%	11.84
Pole	1 pc	1,250	▲ 25%	▲ 25%	2.04
Firewood	1 bundle	500	▲ 5%	► 0%	0.82
Charcoal	1 kg	119	▲ 37%	▲ 22%	0.19
Livestock Items					
Goat	1 goat	15,000	► 0%	▲ 58%	24.49
Chicken	1 chicken	2,000	► 0%	▲ 31%	3.27
Services					
Milling costs	1 kg	43	▼ 14%	▲ 19%	0.07
Currencies					
US dollar	1 USD	613	▼ 1%	▲ 114%	
Sudanese pound	1 SDG	2.4	▼ 17%	▼ 8%	
Ethiopian birr	1 ETB	9.8	▼ 35%	▲ 26%	
Ugandan shilling	1 UGX	0.419	► 0%	▲ 21%	
Kenyan shilling	1 KES	na	► 0%	► 0%	

* Prices only collected for Juba Town

FOOD PRICES OVER TIME

in SSP



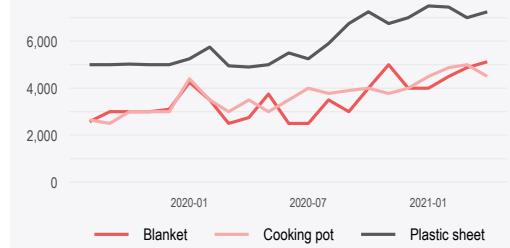
NFI PRICES OVER TIME

in SSP



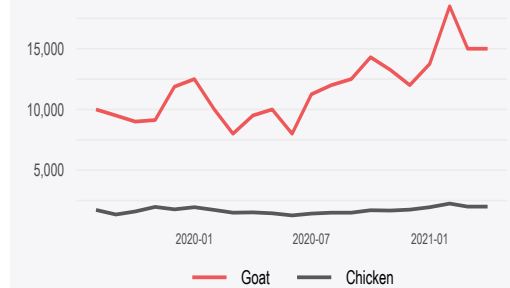
NFI PRICES OVER TIME CONT.

in SSP

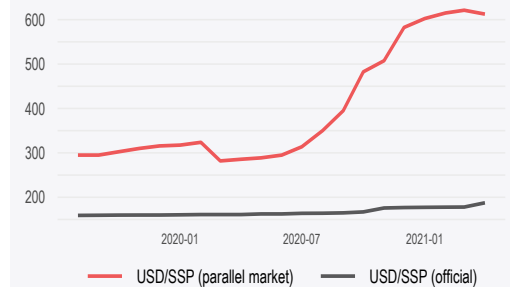


LIVESTOCK PRICES OVER TIME

in SSP



USD EXCHANGE RATE OVER TIME

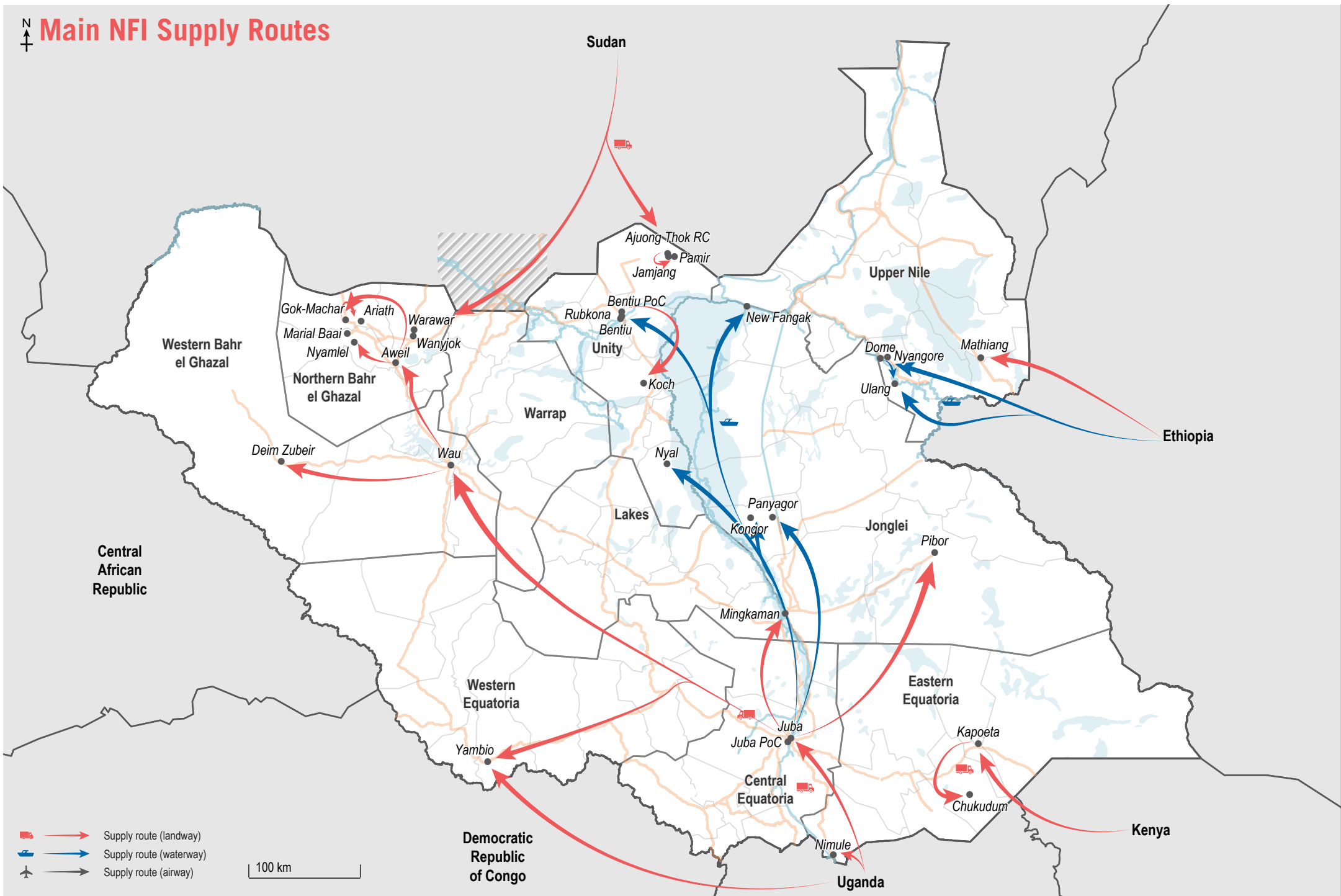


OTHER EXCHANGE RATES OVER TIME

(Parallel market rates)

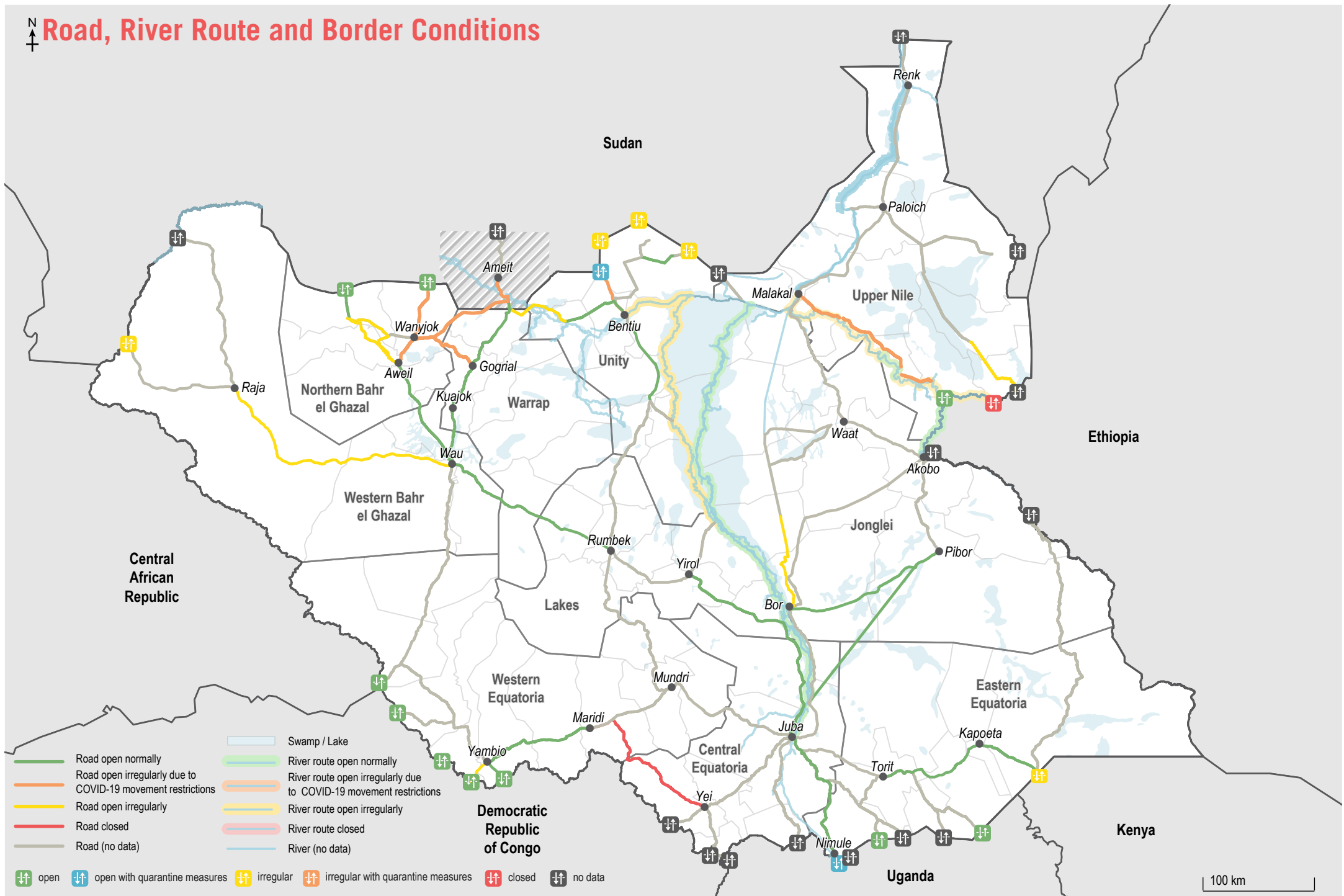


Main NFI Supply Routes



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

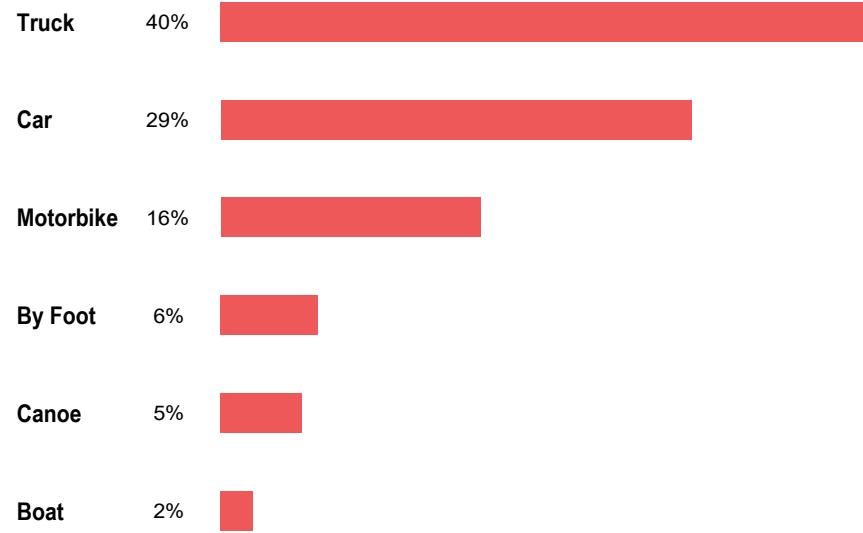
Road, River Route and Border Conditions



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

Additional Indicators

Primary modes of transport for restocking local cereals reported by traders

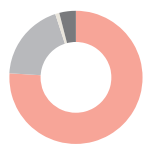


2 days

median time to restock locally produced cereals from out of town



63% of traders reported restocking NFIs from a wholesaler in town



76% of food traders expect price increases
 19% of food traders do not expect price changes
 1% of food traders expect price decreases
 4% of food traders do not have any price expectations

6 days

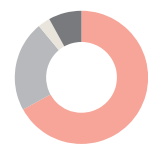
median reported additional time needed to restock for traders that reported undergoing quarantine measures at border crossings.

5 days

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

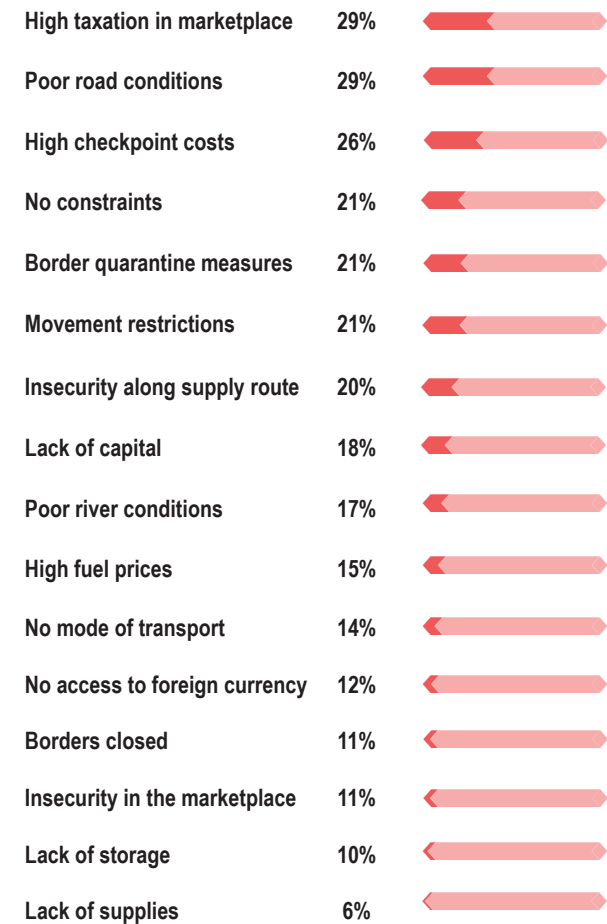


43% of staple cereal traders reported restocking from a local producer

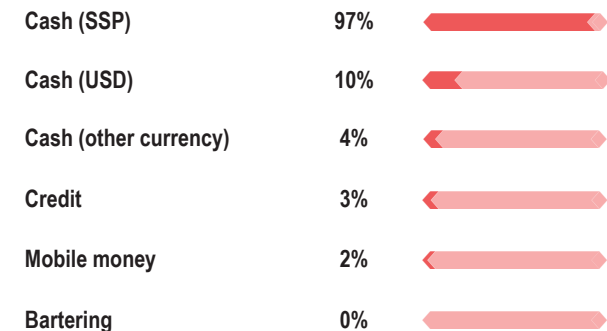


67% of non-food traders expect price increases
 22% of non-food traders do not expect price changes
 3% of non-food traders expect price decreases
 8% of non-food traders do not have any price expectations

Reported restocking constraints*



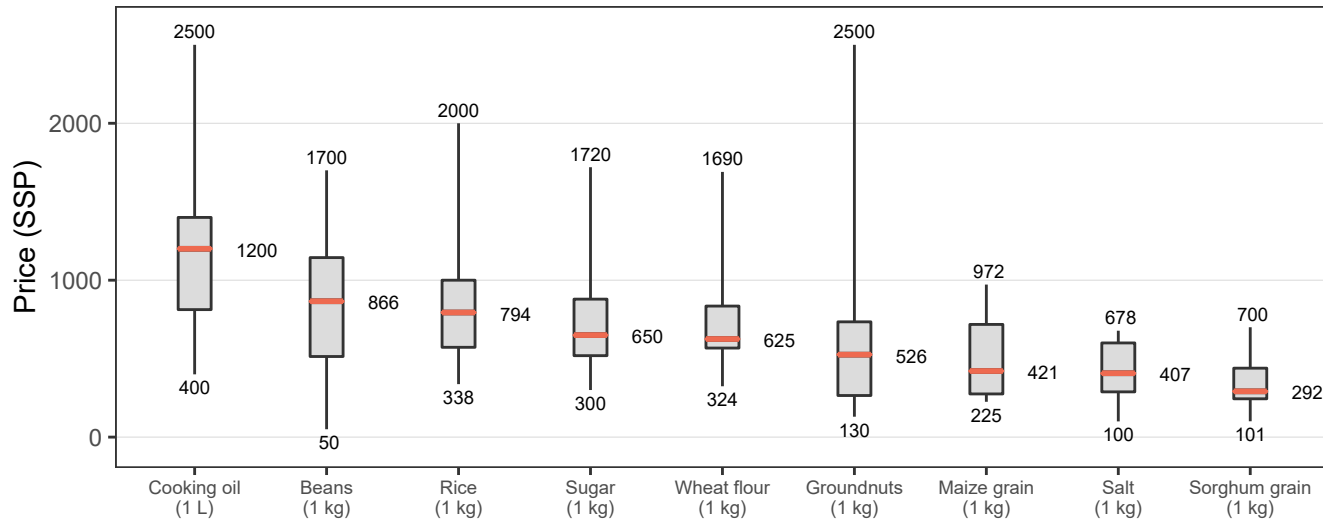
Accepted payment modalities*



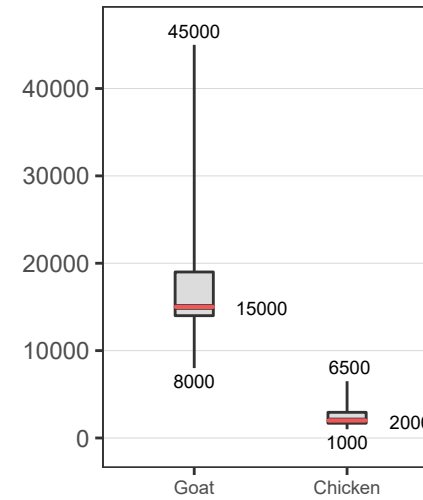
* Values do not add up to 100% as traders were allowed to select multiple options.

Distribution of Prices

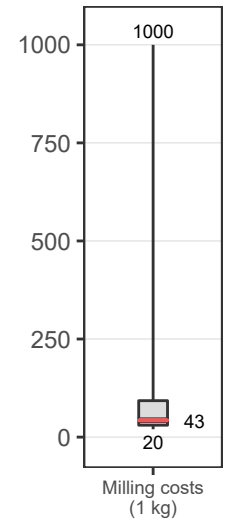
Food Items



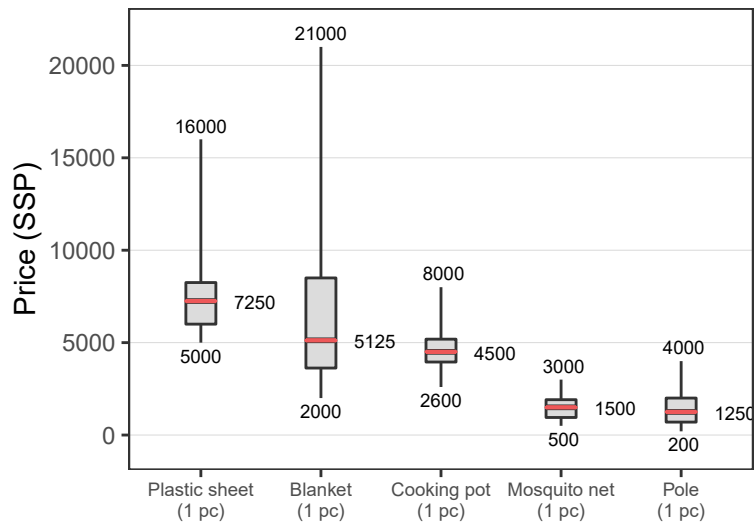
Livestock



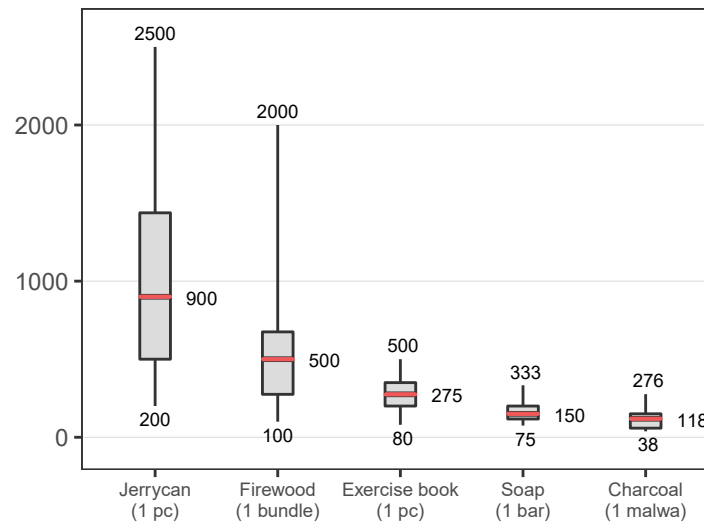
Services



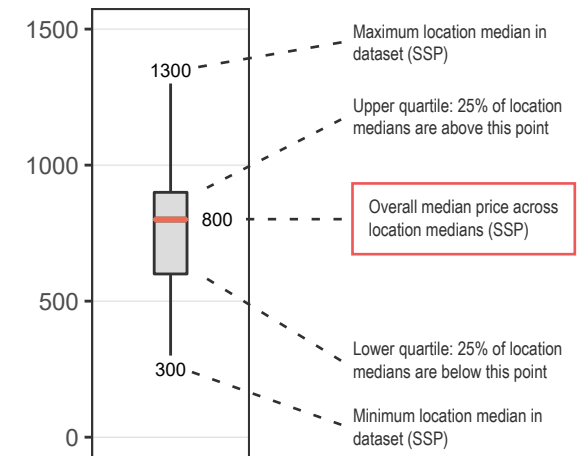
NFIs



NFIs cont.



How to read a boxplot



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

MEDIAN ITEM PRICES PER LOCATION (in SSP)

County	Location	Sorghum grain (1 kg)	Maize grain (1 kg)	Wheat flour (1 kg)	Rice (1 kg)	Groundnuts (shelled) (1 kg)	Beans (1 kg)	Sugar (1 kg)	Salt (1 kg)	Cooking oil (1 L)	Water (1 L)	Soap (200 g)	Jerrycan (1 pc)	Mosquito net (1 pc)	Exercise book (1 pc)	Blanket (1 pc)	Cooking pot (1 pc)	Plastic sheet (1 pc)	Pole (1 pc)	Firewood (1 bundle)	Charcoal (1 kg)	Goat (1 unit)	Chicken (1 unit)	Milling costs (1 kg)
Central Equatoria																								
Juba	Juba PoC	na	na	563	338	na	1,054	407	294	1,200	na	75	200	600	200	na	na	na	na	na	116	na	na	na
	Juba Town	250	275	425	800	700	800	600	350	1,133	40	117	500	1,400	400	3,500	2,600	6,000	2,000	1,500	174	45,000	6,500	30
Eastern Equatoria																								
Budi	Chukudum	140	na	600	800	na	554	850	400	1,400	na	133	800	na	225	na	na	na	200	na	86	na	na	20
Kapoeta South	Kapoeta Town	700	700	500	2,000	2,500	1,500	1,500	250	1,000	2	150	300	na	450	na	4,000	16,000	4,000	1,000	145	29,000	2,500	400
Magwi	Nimule	440	478	845	788	838	832	968	100	1,000	na	100	500	2,500	500	2,500	3,500	7,500	500	500	145	na	na	30
Jonglei																								
Fangak	New Fangak	478	518	1,690	1,295	na	na	1,152	407	2,500	na	333	na	na	na	na	na	na	700	600	124	na	na	na
Pibor	Pibor Town	200	300	1,000	1,000	1,500	1,200	1,000	600	1,400	na	167	na	na	500	na	na	7,000	1,200	194	102	15,000	2,000	100
Twic East	Kongor	na	718	986	901	na	1,109	1,018	407	1,200	na	133	na	na	na	na	na	na	na	na	na	na	na	na
	Panyagor	na	718	845	676	na	776	611	339	1,200	na	117	na	na	na	na	na	na	na	na	241	na	na	na
Lakes																								
Aerial	Mingkaman	350	225	825	650	700	800	725	600	1,400	na	167	500	2,000	500	6,000	5,000	9,000	2,500	500	116	25,000	5,000	57
Northern Bahr el Ghazal																								
Aweil Centre	Aweil Town	303	na	600	950	492	1,000	500	294	1,200	na	117	1,500	500	80	9,000	3,500	7,500	900	600	138	14,000	3,500	36
Aweil North	Wanyjok	242	275	572	500	132	475	500	200	600	na	100	na	na	275	na	4,500	5,000	na	na	na	na	na	na
Aweil East	Warawar	242	275	324	465	142	350	425	100	650	na	117	na	na	300	na	na	na	na	na	na	na	na	na
Aweil North	Ariath	276	na	600	700	265	na	300	500	1,200	na	133	na	na	150	na	4,500	na	450	250	83	15,000	1,250	29
	Gok-Machar	242	na	783	1,000	492	1,225	600	405	1,350	na	133	2,000	na	150	na	4,750	na	650	350	38	8,000	2,750	26
Aweil West	Marial Baai	273	na	675	1,100	265	1,200	650	441	1,400	na	159	200	na	150	na	na	na	700	300	48	na	na	29
	Nyamlel Town	281	na	625	800	483	1,000	625	283	1,400	na	133	1,750	na	150	na	4,000	na	800	500	59	na	na	36
Unity																								
Koch	Koch Town	500	na	610	489	na	481	466	294	1,600	na	267	na	na	na	na	7,000	na	1,500	100	166	15,000	2,000	115
Panyijiar	Nyal	437	na	500	500	na	500	874	600	1,200	na	209	550	3,000	na	na	4,250	10,000	2,000	2,000	121	na	na	na
Pariang	Ajuong Thok RC	101	na	675	1,200	na	111	700	600	400	na	200	na	na	350	na	na	na	2,500	100	58	na	na	43
	Jamjang	na	na	na	1,000	na	50	600	600	600	na	200	na	na	na	na	na	na	na	na	58	19,000	na	43
Rubkona	Pamir RC	125	na	500	1,200	na	111	550	600	533	na	167	na	na	300	na	na	na	na	na	58	na	na	43
	Bentiu	464	837	789	788	559	1,109	860	678	1,500	na	100	1,100	1,550	300	7,000	7,500	5,750	2,000	550	69	17,500	2,000	172
	Bentiu Poc	360	na	381	458	na	1,700	408	600	567	na	217	na	3,000	200	21,000	na	na	2,300	100	121	na	na	32
	Rubkona Town	433	854	873	845	838	1,164	885	678	1,550	na	100	1,200	1,500	310	15,500	8,000	5,250	1,250	475	58	16,500	2,000	188
Upper Nile																								
Longochuk	Mathiang	251	239	na	450	na	na	407	136	1,333	na	333	200	1,500	na	na	na	10,000	1,000	300	174	15,000	2,000	1,000
Ulang	Nyangore	510	421	na	1,057	na	1,156	1,104	515	na	na	292	na	1,650	na	4,000	5,000	8,000	1,500	750	166	12,500	1,450	na
	Ulang Town	683	972	1,690	na	na	na	1,720	488	2,000	na	200	1,500	1,500	na	2,000	na	7,500	2,500	1,500	276	13,500	1,000	na
Western Bahr el Ghazal																								
Raja	Deim Zubeir	273	na	700	700	na	na	700	147	1,800	na	167	2,500	800	na	na	na	6,000	na	200	52	16,000	1,500	57
Wau	Wau	350	250	610	600	130	900	650	120	750	na	167	1,000	600	230	4,250	3,800	6,250	475	300	166	8,000	1,750	72
Western Equatoria																								
Yambio	Yambio	na	227	na	563	559	776	538	500	600	na	117	1,250	na	200	na	5,750	6,750	1,500	1,250	121	38,500	4,250	57
Overall median		292	421	625	794	526	866	650	407	1,200	21	150	900	1,500	275	5,125	4,500	7,250	1,250	500	119	15,000	2,000	43

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

MEDIAN STOCK LEVELS PER LOCATION (in days)

County	Location	Sorghum grain	Maize grain	Wheat flour	Rice	Groundnuts (shelled)	Beans	Sugar	Salt	Cooking oil	Soap	Jerrycan	Mosquito net	Exercise book	Blanket	Cooking pot	Plastic sheet	Median time to restock local staple cereals	Median time to restock imported food items	Median time to restock NFIs
Central Equatoria																				
Juba	Juba PoC	na	na	14	12	na	14	14	26	21	14	na	60	14	na	na	na	na	3	1
	Juba Town	21	21	18	21	18	21	21	21	14	32	25	21	28	42	39	21	na	6	5
Eastern Equatoria																				
Budi	Chukudum	63	na	5	7	na	17	4	28	14	21	7	na	36	na	na	na	na	6	5
Kapoeta South	Kapoeta Town	14	14	14	26	30	18	26	18	14	18	21	na	22	na	26	30	na	na	na
Magwi	Nimule	41	105	14	14	9	21	14	60	14	26	14	60	60	30	30	36	5	2	2
Jonglei																				
Fangak	New Fangak	12	7	14	18	na	na	18	26	14	14	na	na	na	na	na	na	12	12	6
Pibor	Pibor Town	2	7	4	4	7	8	6	3	7	2	na	na	3	na	na	14	2	na	4
Twic East	Kongor	na	60	na	na	na	60	60	60	60	60	na	na	na	na	na	na	na	30	30
	Panyagor	na	90	60	75	na	60	90	150	180	120	na	na	na	na	na	na	na	30	45
Lakes																				
Averial	Mingkaman	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	6	5	5
Northern Bahr el Ghazal																				
Aweil Centre	Aweil Town	25	na	30	28	32	39	51	45	42	60	21	62	120	60	60	43	na	na	na
Aweil North	Ariath	14	18	18	10	14	10	21	10	18	7	na	na	75	na	21	90	na	na	2
Aweil East	Wanyjok	21	8	5	11	29	21	14	20	10	10	na	na	270	na	na	na	na	21	9
	Warawar	5	na	6	5	5	na	14	14	14	21	na	na	90	na	90	na	1	7	7
Aweil North	Gok-Machar	25	na	28	19	14	21	30	45	21	60	26	na	75	na	58	na	na	na	na
Aweil West	Marial Baai	21	na	32	25	18	32	30	60	25	26	7	na	60	na	na	na	na	na	na
	Nyamlel Town	18	na	29	25	28	21	45	43	32	60	18	na	90	na	60	na	na	na	na
Unity																				
Koch	Koch Town	18	na	30	35	na	60	45	60	18	37	na	na	na	na	120	na	na	1	1
Panyijiar	Nyal	60	na	30	30	na	30	30	60	30	45	60	30	na	na	75	60	na	6	6
Pariang	Ajuong Thok RC	21	na	23	30	na	22	30	60	25	30	na	na	60	na	na	na	na	20	na
	Jamjang	na	na	30	na	25	30	22	21	28	na	na	na	na	na	na	na	na	na	na
	Pamir RC	25	na	21	60	na	32	30	45	27	30	na	na	30	na	na	na	na	na	na
Rubkona	Bentiu	25	18	21	29	21	25	21	18	21	21	11	14	21	21	28	11	2	6	5
	Bentiu PoC	22	na	14	14	14	30	21	14	37	11	na	na	112	135	na	na	1	15	1
	Rubkona Town	21	14	21	21	21	25	21	14	18	14	14	21	21	18	21	14	2	6	6
Upper Nile																				
Longochuk	Mathiang	21	60	na	28	na	na	2	14	28	14	14	21	na	na	na	60	na	7	na
Ulang	Nyangore	14	21	14	7	14	7	4	60	5	19	7	7	na	30	14	60	na	8	7
	Ulang	14	30	14	na	na	na	14	14	14	14	14	14	na	14	na	14	na	na	na
Western Bahr el Ghazal																				
Raja	Deim Zubeir	14	na	30	30	na	na	30	30	60	18	11	21	na	na	na	21	na	1	1
Wau	Wau	26	30	14	10	14	21	18	14	14	7	30	30	18	14	30	18	7	24	25
Western Equatoria																				
Yambio	Yambio	na	2	na	na	14	21	11	na	3	5	na	na	na	na	na	na	2	14	14

na : no stock level data available

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

METHODOLOGY

The JMMI aims to inform market-based programming in South Sudan. Coverage depends on the interest of the partner organisations and their field teams' capacities to regularly collect market data. Locations are added once partners willing to cover them are identified, and their field teams are trained. As the initiative is currently being built up, coverage will likely be expanded in future data collection rounds.

In each assessed location, at least four prices per food, non-food, and livestock item need to be collected from different traders to ensure the quality and consistency of the collected data (2 for currencies and milling costs, 5 for casual labor). In line with the purpose of the JMMI, only the prices of the cheapest available types are recorded for each item.

Partner field teams identify traders to assess based on the following criteria:

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

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

Following data collection, REACH compiles and cleans all partner data, normalising prices, cross-checking outliers, and calculating the median cost of an MSSMEB in each assessed location.

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

MSSMEB Calculation

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

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

Challenges and Limitations

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

Participating Agencies

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

- **NRDC** – National Relief and Development Corps
- **Nile Hope**
- **Oxfam**
- **Plan international**
- **REACH Initiative**
- **Save the Children**
- **Solidarites International**
- **SPEDP** – Support for Peace and Education Development Programme
- **Tearfund**
- **UNHCR** - United Nations High Commissioner for Refugee
- **UNICEF** – United Nations Children's Fund
- **UNKEA** – Universal Network for Knowledge & Empowerment Agency
- **Welthungerhilfe (WHH)**
- **Windle Trust International**
- **World Vision**

Endnotes

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

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

³ The parallel market exchange rate (buy and sell rate) was collected from two traders in each assessed location. The overall rate is calculated by first finding the median in each assessed location, then taking the median of the resulting set of median rates.

⁴ Source: Central Bank of South Sudan (2021, April 1). Retrieved from www.bankofsouthsudan.org. The rates from 7 April were used for the calculation of the monthly change.

JMMI OUTPUTS

Factsheets Datasets

2021

March	March
February	February
January	January

2020

December	December
November	November
October	October
September	September
August	August
July	July
June	June
May	May
April	April
March	March
February	February
January	January

2019

December	December
November	November
October	October
September	September
August	August

⁵ Greater Bahr el Ghazal includes the states of Lakes, Northern Bahr el Ghazal, Warrap and Western Bahr el Ghazal; Greater Equatoria includes the states of Central Equatoria, Eastern Equatoria and Western Equatoria; Greater Upper Nile includes the states of Jonglei, Unity and Upper Nile.

⁶ The prices were normalised by setting August 2019 as the baseline and dividing each month's price by the price in August 2019.