

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

42,946 SSP

98.73 USD*

Change since Dec 2021

5,825 SSP ▼-12%

Cost of food basket²

31,996 SSP

73.55 USD*

Change since Dec 2021

664 SSP ▲+2%

USD/SSP

(official)⁴

433

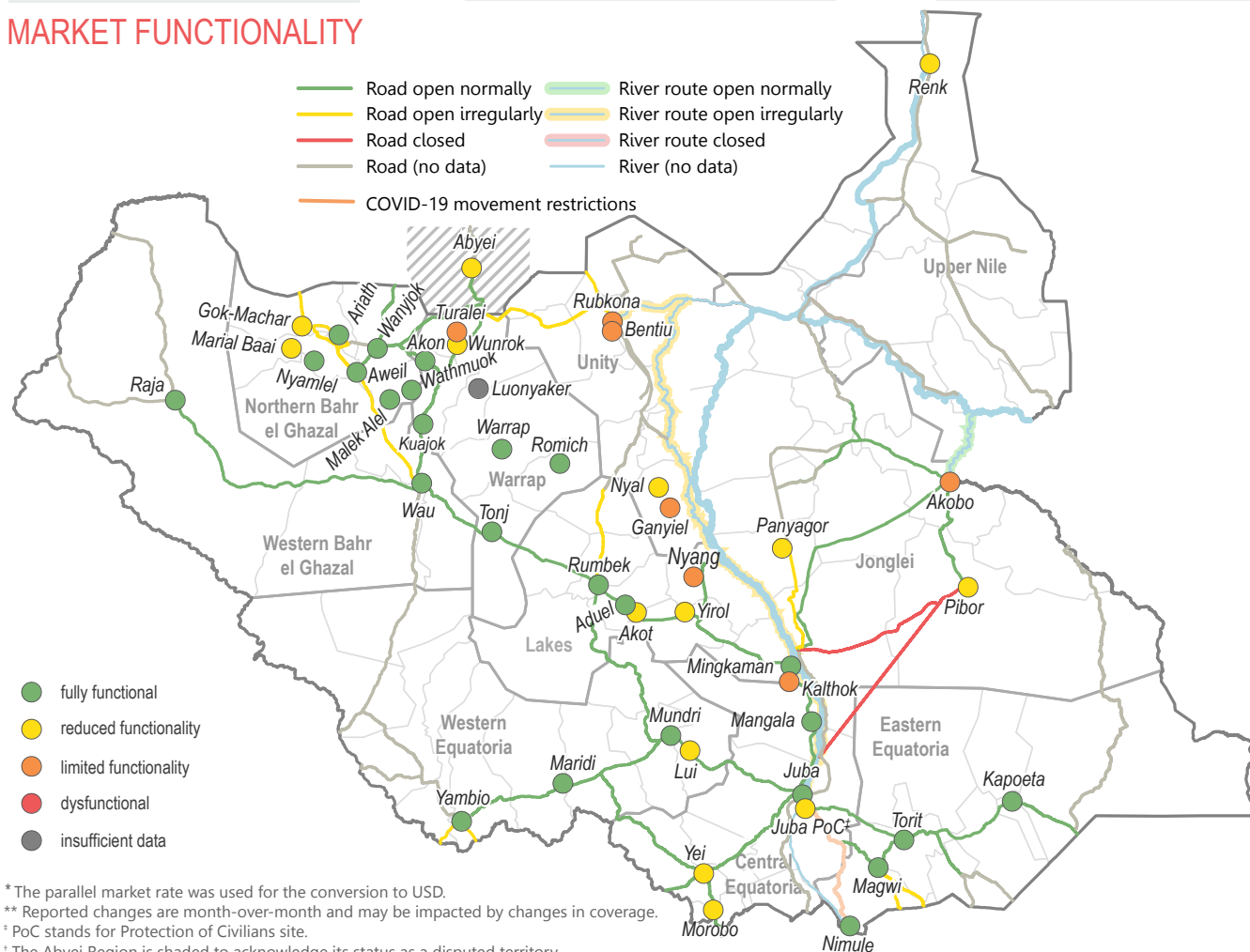
73.55 USD*

20.45 SSP ▲+5%

PARTICIPATING AGENCIES

ACTED
Cina
Concern
Cordaid
DCA
IOM
IRC
LDO
NPA
Oxfam
REACH
Save the Children
Solidarités
SPEDP
SSGID
Tearfund
UNHCR
WADA
Welthungerhilfe
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.

³ PoC stands for Protection of Civilians site.

⁴ The Abyei Region is shaded to acknowledge its status as a disputed territory.

⁵ The number of participating agencies indicates the total number of partner organisations that collected data in January

19 participating agencies⁵

47 assessed locations[†]

62 assessed marketplaces

970 key informants

21 assessed commodities

REACH

Informing more effective humanitarian action



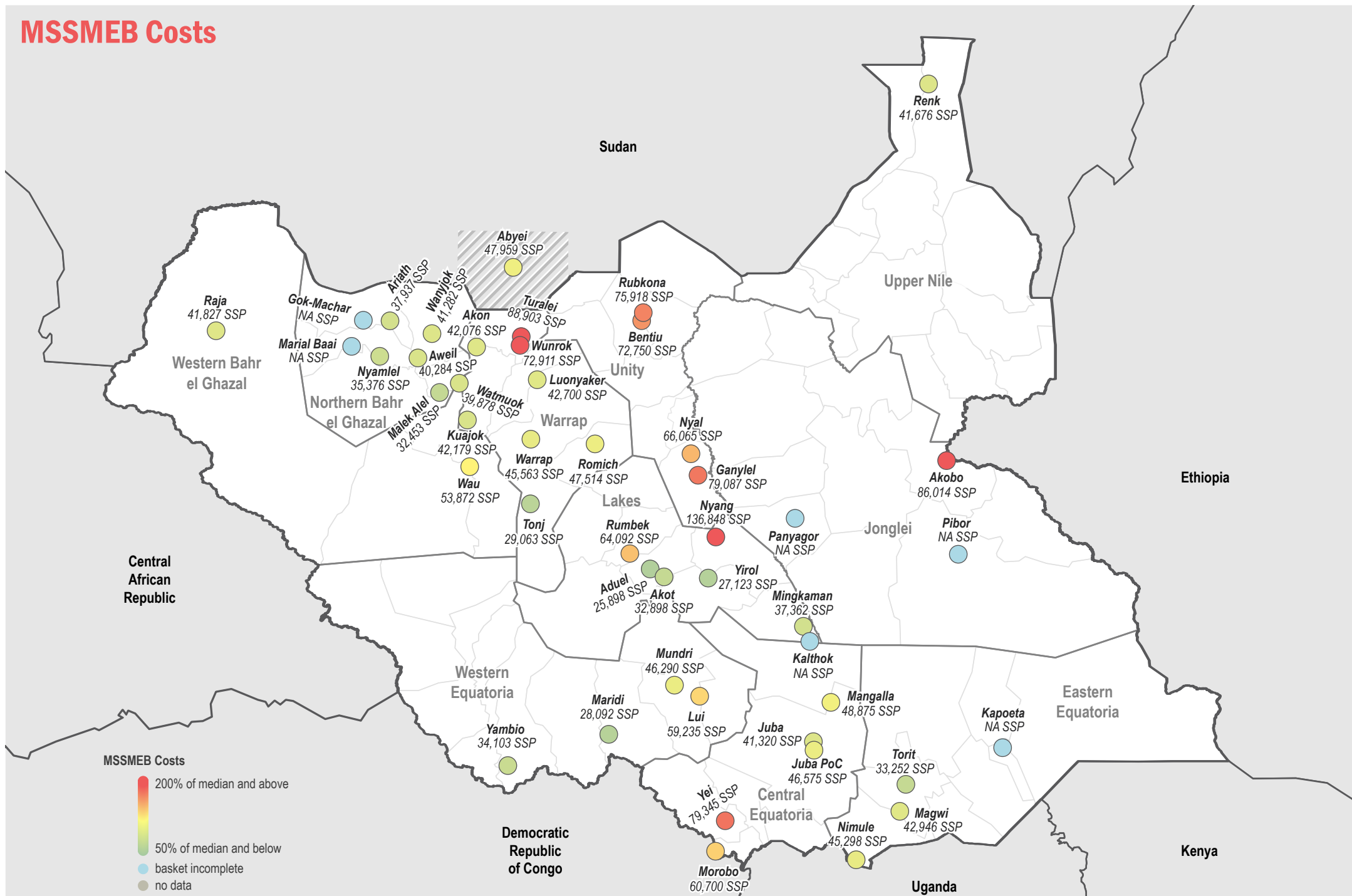
World Food Programme



USAID
FROM THE AMERICAN PEOPLE



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	12
Bar soap	6 pcs	book	pcs
Bleach*	1.5 L	Pencil*	6 pcs
Medicine	10 USD	Pen*	6 pcs
Airtime	30 min	Rubber*	3 pcs
Transport	3 USD	Sharpener*	3 pcs

Non-Food Items (one-off)*

Blanket	2 pcs	Sanitary pad	4 pcs
Mosquito net	2 pcs	Underwear	4 pcs
Kitchen set	1 pcs	Kanga**	2 pcs
Jerry can	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)

42,946 SSP

99.16 (at official rate)

Change since Dec 2021

5,825 SSP ▼-12%

Change since Jan 2021

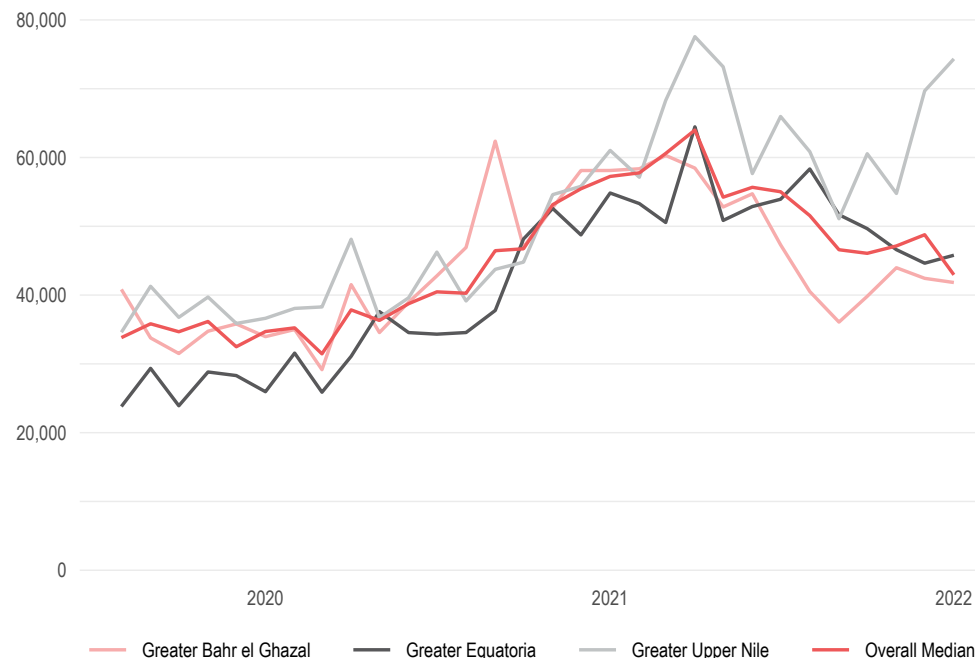
14,304 SSP ▼-25%

MSSMEB PER LOCATION

County	Location	MSSMEB key items in SSP	Change since Dec 2021	Change since Jan 2021	MSSMEB key items in USD [†]
Central Equatoria					
Juba	Juba PoC [§]	46,575	na	na	107.07
	Juba Town	41,320	▼ 8%	▼ 25%	94.99
	Mangala	48,875	▼ 64%	na	112.36
Morobo	Morobo Town	60,700	▲ 37%	na	139.54
Yei	Yei Town	79,345	na	na	182.40
Eastern Equatoria					
Kapoeta South	Kapoeta Town	na	na	na	na
Magwi	Magwi Town	42,946	na	▲ 42%	98.73
	Nimule	45,298	▼ 24%	▼ 21%	100.11
Torit	Torit Town	33,252	na	na	76.75
Jonglei					
Akobo	Akobo Town	86,014	▼ 2%	▲ 6%	202.29
Pibor	Pibor Town	na	na	na	na
Twic East	Panyagor	na	na	na	na
Lakes					
Awerial	Kalthok	na	na	na	na
	Mingkaman	37,362	na	▼ 46%	85.40
Rumbek Centre	Rumbek Town	64,092	▲ 22%	na	157.76
Rumbek East	Aduel	25,898	na	na	59.54
	Akot	32,898	na	na	75.63
Yirol East	Nyang	136,848	na	na	314.59
Yirol West	Yirol Town	27,123	na	na	62.35
Northern Bahr el Ghazal					
Aweil Centre	Aweil Town	40,284	▼ 5%	▼ 35%	90.52
Aweil East	Wanyjok	41,282	▼ 2%	na	94.90
Aweil North	Ariath	37,937	na	na	86.71
	Gok-Machar	na	▼ 1%	▼ 36%	na
Aweil South	MalekAlel	32,453	▼ 35%	na	76.81
	Watmuok	39,878	na	na	91.67
Aweil West	Marial Baai	na	▼ 17%	▼ 41%	na
	Nyamlel Town	35,376	▼ 9%	▼ 40%	78.18
Unity					
Panyijar	Ganyel	79,087	na	na	181.81
	Nyal	66,065	▼ 15%	▼ 8%	161.13
Rubkona	Bentiu	72,750	▲ 21%	▼ 4%	173.73
	Rubkona	75,918	▲ 26%	▼ 3%	178.11
Upper Nile					
Renk	Renk Town	41,676	na	na	96.92
Warrap					
Abeyi Region	Abeyi Town	47,959	na	na	110.25
Gogrial East	Luonyaker	42,700	▲ 19%	na	98.16
Gogrial West	Akon Town	42,076	na	na	96.73
	Kuajok	42,179	▼ 3%	na	96.96
Tonj East	Romich	47,514	▼ 45%	na	109.23
Tonj North	Warrap Town	45,563	▲ 22%	na	104.74
Tonj South	Tonj Town	29,063	▼ 30%	na	66.81
Twic	Turalei	88,903	▲ 35%	na	209.18
	Wunrok	72,911	na	na	167.61
Western Bahr el Ghazal					
Raja	Raja Town	41,827	▼ 10%	na	103.28
Wau	Wau	53,872	▼ 3%	na	122.09
Western Equatoria					
Maridi	Maridi Town	28,092	na	▼ 30%	64.39
Mundri East	Lui	59,235	na	na	136.17
Mundri West	Mundri Town	46,290	na	na	106.41
Yambio	Yambio	34,103	▲ 23%	na	77.95
Overall		42,946	▼ 12%	▼ 25%	98.73

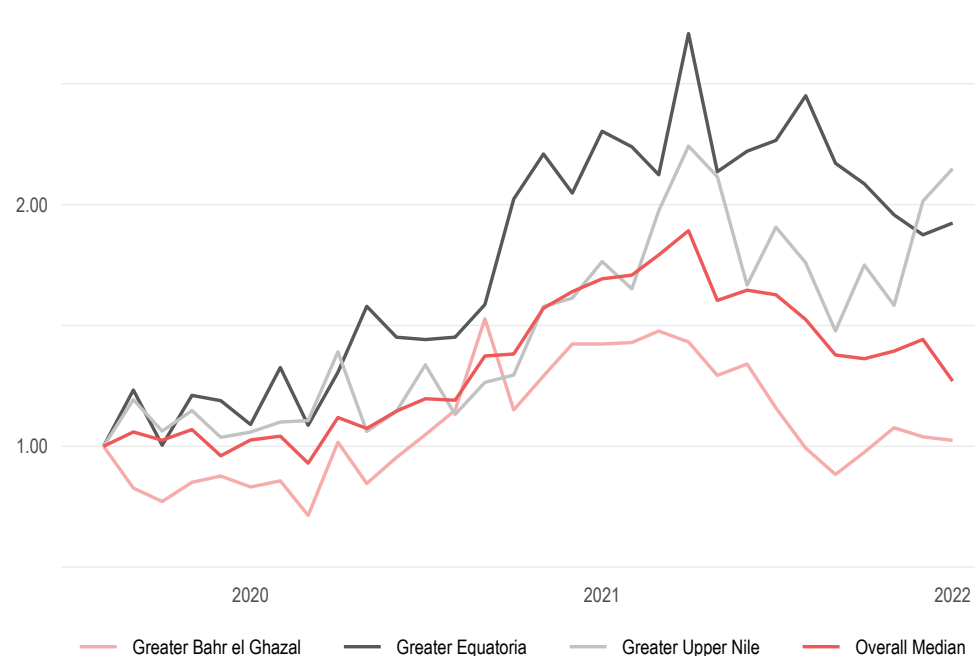
MSSMEB OVER TIME⁵

Aug 2019 - Jan 2022 in SSP



MSSMEB OVER TIME⁵

Indexed to August 2019 = 1.00⁶

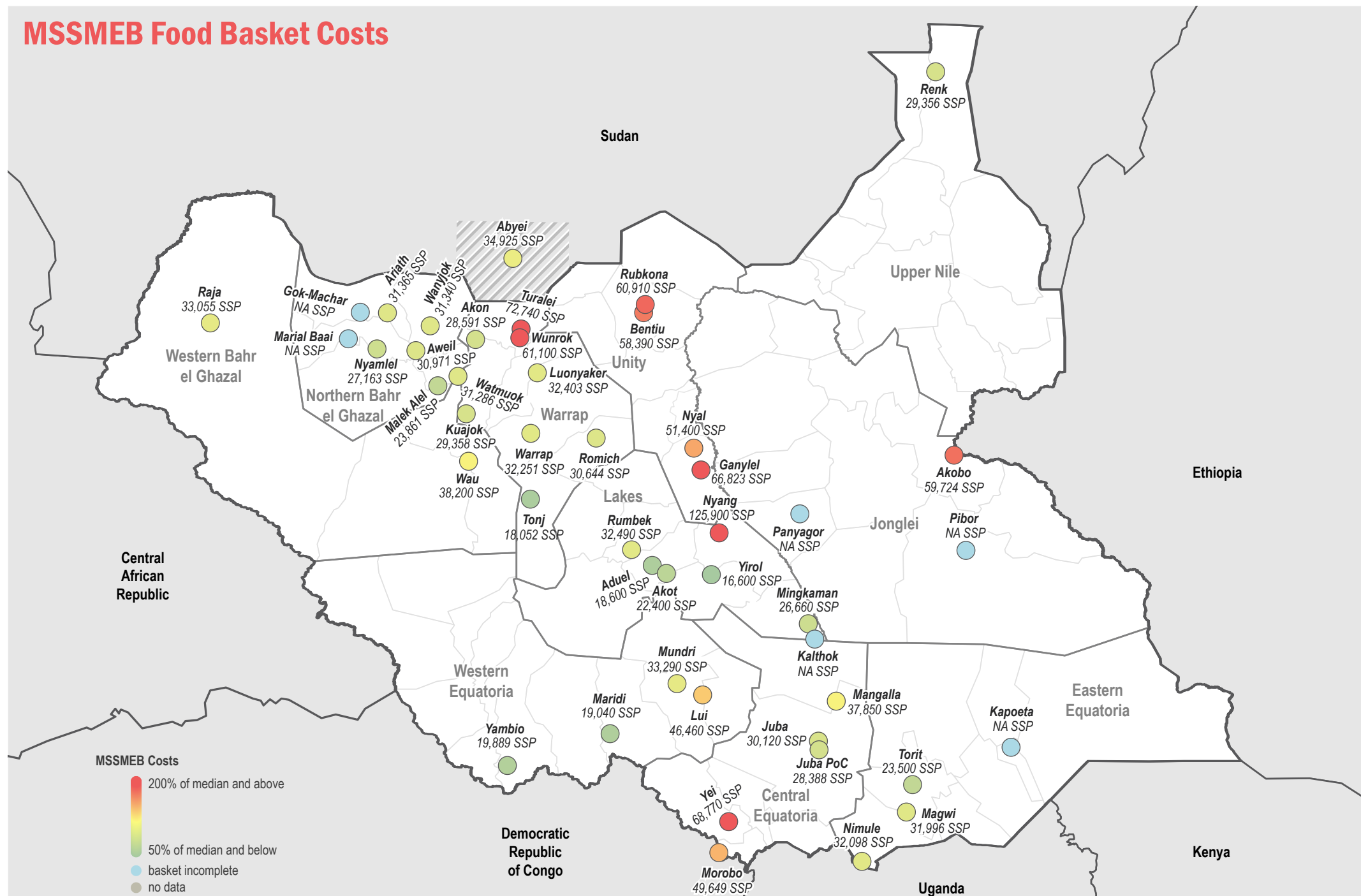


[†] The food basket was incomplete, or no SSP conversion rate was available.

[§] No sorghum nor maize prices were available. No alternate cereal prices were available for Kapoeta Town, Pibor Town, Panyagor, Kalthok, Gok-Machar and Marial Baai, therefore the MSSMEB has been left blank.

[†] No sorghum nor maize prices were available. The cereal prices for September were inputted for Bor PoC.

MSSMEB Food Basket Costs



INDICES PER LOCATION

County	Location	MSSMEB food basket in SSP	Change since Dec 2021	Change since Jan 2021	Food price index* in SSP	Change since Dec 2021	Change since Jan 2021
Central Equatoria							
Juba	Juba PoC	28,388	na	na	4,972	▼ 6%	na
	Juba Town	30,120	na	na	4,130	na	na
	Mangala	37,850	na	na	4,788	na	na
Morobo	Morobo Town	49,649	▲ 80%	na	6,611	▲ 63%	na
Yei	Yei Town	68,770	na	na	4,962	na	na
Eastern Equatoria							
Kapoeta South	Kapoeta Town	na	na	na	4,252	▲ 31%	▼ 11%
Magwi	Magwi Town	31,996	na	▲ 98%	4,101	na	▲ 6%
	Nimule	32,098	na	na	5,189	na	▼ 27%
Torit	Torit Town	23,500	na	na	3,825	na	na
Jonglei							
Akobo	Akobo Town	59,724	▼ 19%	► 0%	6,971	▲ 41%	▲ 25%
Pibor	Pibor Town	na	na	na	6,203	▲ 9%	na
TwicEast	Panyagor	na	na	na	4,670	▼ 3%	na
Lakes							
Aweil	Kalthok	na	na	na	4,069	▼ 7%	na
	Mingkaman	26,660	na	na	4,303	na	na
Rumbek Centre	Rumbek Town	32,490	▼ 8%	na	5,278	▲ 11%	na
Rumbek East	Aduel	18,600	na	na	4,177	▼ 23%	▼ 16%
	Akot	22,400	na	na	4,263	na	na
Yirol East	Nyang	125,900	na	na	4,175	na	na
Yirol West	Yirol Town	16,600	na	na	2,697	na	na
Northern Bahr el Ghazal							
Aweil Centre	Aweil Town	30,971	▲ 6%	▼ 31%	4,149	▼ 11%	▼ 23%
Aweil East	Wanyjok	31,340	▲ 10%	na	4,313	▲ 4%	na
Aweil North	Ariath	31,365	na	na	4,532	▲ 14%	▲ 17%
	Gok-Machar	na	na	na	4,450	na	na
Aweil South	Malek Alel	23,861	▼ 24%	na	4,070	▼ 12%	na
	Watmuok	31,286	na	na	4,453	na	na
Aweil West	Marial Baai	na	▼ 7%	▼ 41%	4,315	▼ 8%	▼ 15%
	Nyamlel Town	27,163	na	na	4,330	na	na
Unity							
Panyijar	Ganylel	66,823	na	na	6,769	na	na
	Nyal	51,400	na	na	5,797	na	na
Rubkona	Bentiu	58,390	▲ 36%	▲ 6%	7,844	▲ 10%	▲ 15%
	Rubkona Town	60,910	na	na	8,142	na	na
Upper Nile							
Renk	Renk Town	29,356	na	na	4,405	na	na
Warrap							
Abeyi Region	Abeyi Town	34,925	na	na	4,748	na	na
Gogrial East	Luonyaker	32,403	▲ 47%	na	4,450	▲ 22%	na
Gogrial West	Akon Town	28,591	na	na	4,721	na	na
	Kuajok	29,358	na	na	4,441	na	na
Tonj East	Romich	30,644	▼ 55%	na	4,596	▼ 4%	na
Tonj North	Warrap Town	32,251	▲ 53%	na	4,674	▼ 18%	na
Tonj South	Tonj Town	18,052	▼ 22%	na	3,543	▼ 19%	na
Twic	Turalei	72,740	▲ 43%	na	5,540	▲ 73%	na
	Wunrok	61,100	na	na	5,325	na	na
Western Bahr el Ghazal							
Raja	Raja Town	33,055	▲ 21%	na	4,588	▼ 5%	na
Wau	Wau Town	38,200	► 0%	na	4,275	▼ 12%	na
Western Equatoria							
Maridi	Maridi	19,040	na	▼ 23%	4,418	▼ 27%	▼ 15%
Mundri East	Lui	46,460	na	na	5,722	na	na
Mundri West	Mundri Town	33,290	na	na	4,608	na	na
Yambio	Yambio Town	19,889	▲ 39%	na	3,573	24%	na
Overall		31,996	▲ 2%	▼ 23%	4,453	▼ 8%	▼ 17%

* 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.

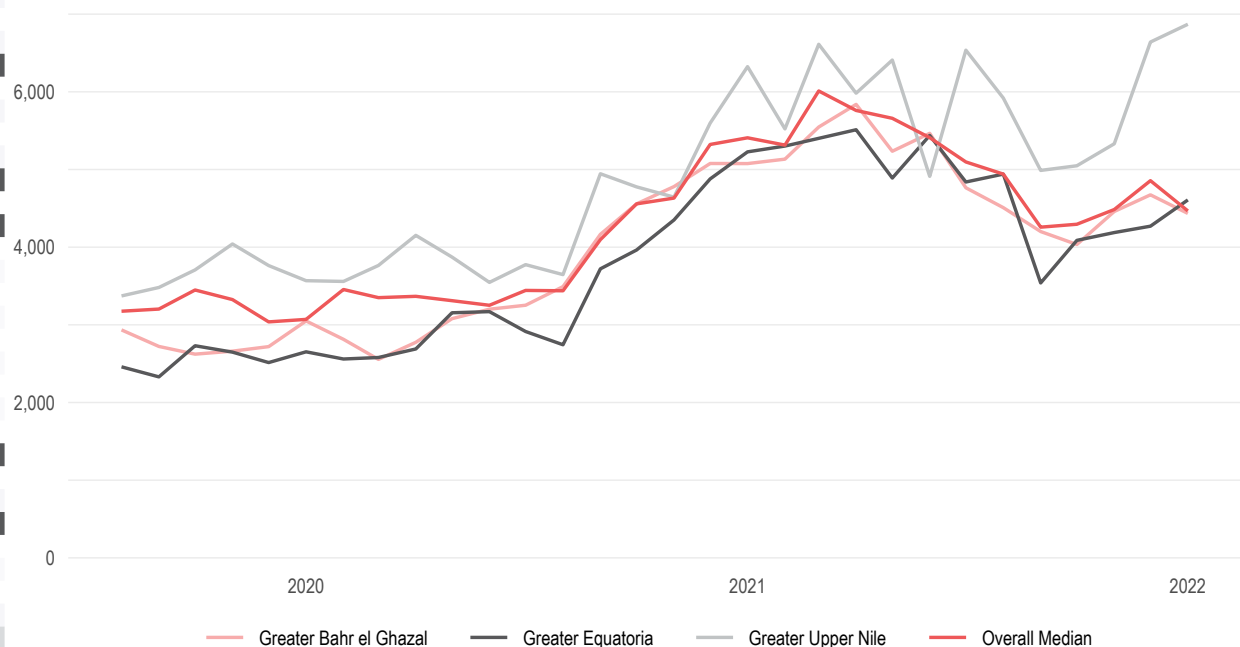
MSSMEB FOOD BASKET OVER TIME⁵

Aug 2019 - Jan 2022 in SSP



FOOD PRICE INDEX OVER TIME⁵

Aug 2019 - Jan 2022 in SSP



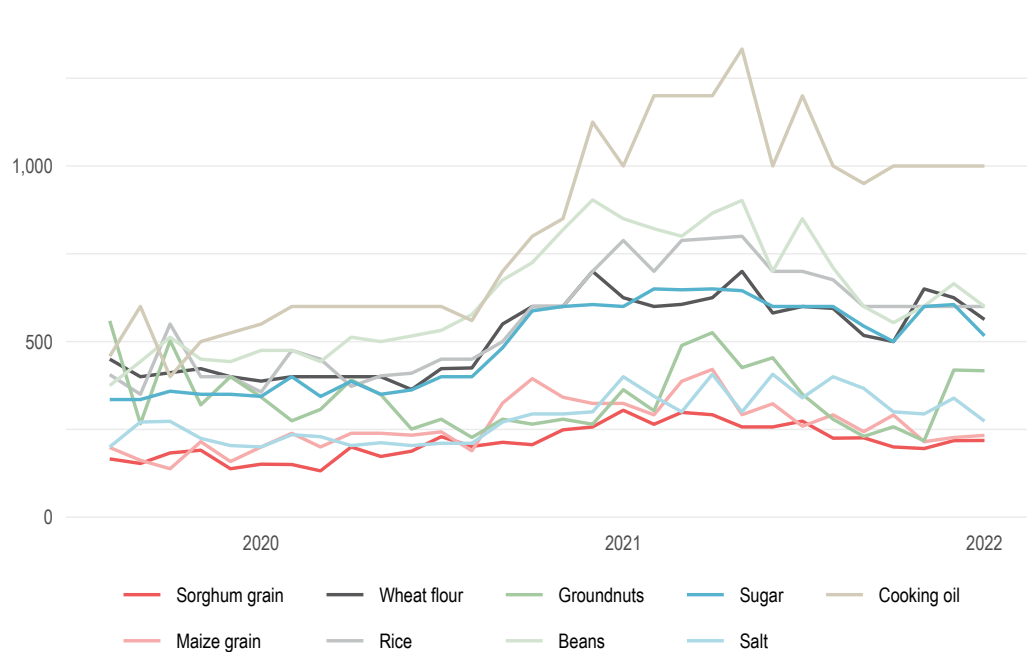
PRICES OF MONITORED ITEMS

Item	Unit	Median price in SSP	Change since Dec 2021	Change since Jan 2021	Median price in USD
Food Items					
Sorghum grain	1 kg	219	►0%	▼28%	0.50
Maize grain	1 kg	233	▲3%	▼28%	0.54
Wheat flour	1 kg	563	▼10%	▼10%	1.29
Rice	1 kg	600	►0%	▼24%	1.38
Groundnuts (shelled)	1 kg	417	►0%	▲15%	0.96
Beans	1 kg	600	▼10%	▼29%	1.38
Sugar	1 kg	500	▼15%	▼14%	1.15
Salt	1 kg	271	▼20%	▼32%	0.62
Cooking oil	1 L	1,000	►0%	►0%	2.30
Water*	1L	30	▼8%	▼17%	na
Non-Food Items					
Soap	200g	133	►0%	▼1%	0.31
Jerrycan	1 pc	1,000	▼26%	▲25%	2.30
Mosquito net	1 pc	1,500	▼23%	▼25%	3.45
Exercise book	1 pc	300	►0%	▲20%	0.69
Blanket	1 pc	3,500	▼26%	▼13%	8.05
Cooking pot	1 pc	4,500	▲13%	►0%	10.34
Plastic sheet	1 pc	7,000	►0%	▼7%	16.09
Pole	1 pc	688	▼31%	▼31%	1.58
Firewood	1 bundle	500	►0%	►0%	1.15
Charcoal	1 kg	116	►0%	▲13%	0.27
Livestock Items					
Goat	1 goat	13,500	▲2%	▼2%	31.03
Chicken	1 chicken	na	na	na	na
Services					
Milling costs	1 kg	54	▲8%	▲25%	0.12
Currencies					
US dollar	1 USD	435	▲5%	▼28%	
Sudanese pound	1 SDG	1.55	▲8%	▼59%	
Ethiopian biir	1 ETB	8.25	na	▼33%	
Ugandan shilling	1 UGX	0.11	▼3%	▼34%	
Kenyan shilling	1 KES	na	na	na	

* Prices only collected for Juba Town

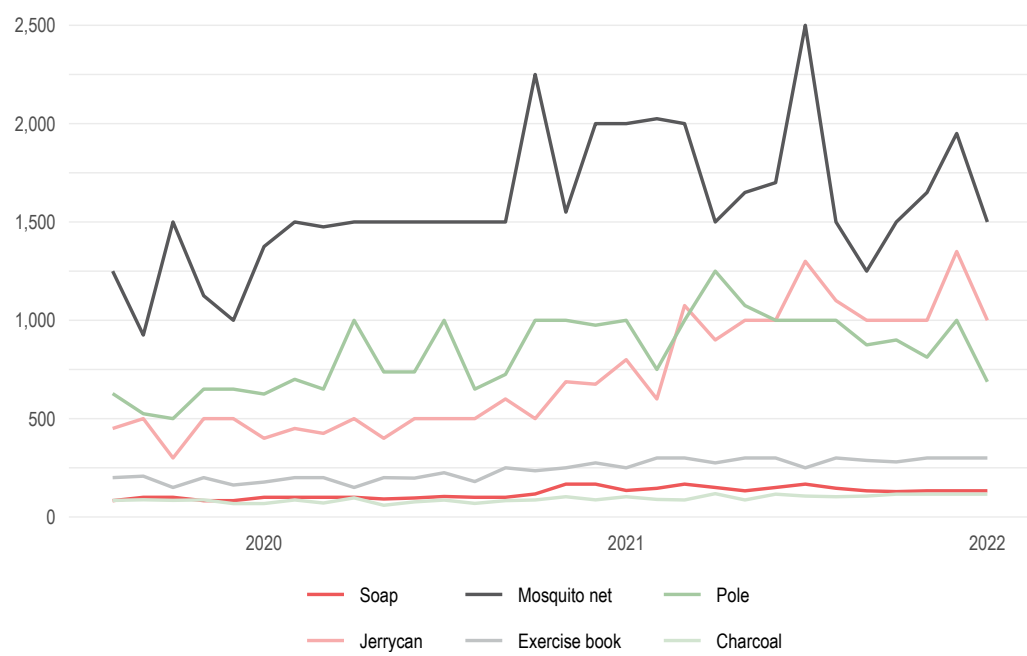
FOOD PRICES OVER TIME

Aug 2019 - Jan 2022 in SSP



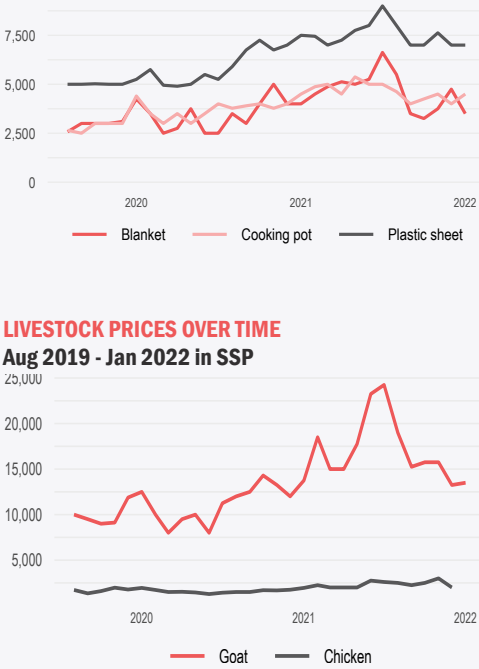
NFI PRICES OVER TIME

Aug 2019 - Jan 2022 in SSP

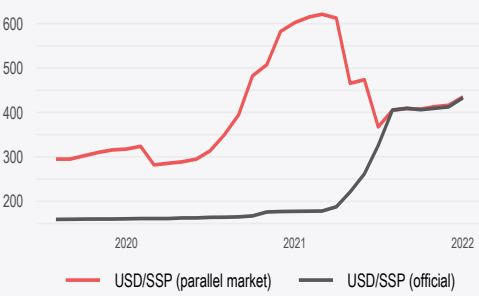


NFI PRICES OVER TIME CONT.

Aug 2019 - Jan 2022 in SSP

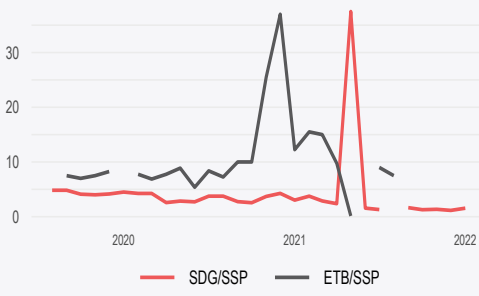


USD EXCHANGE RATE OVER TIME



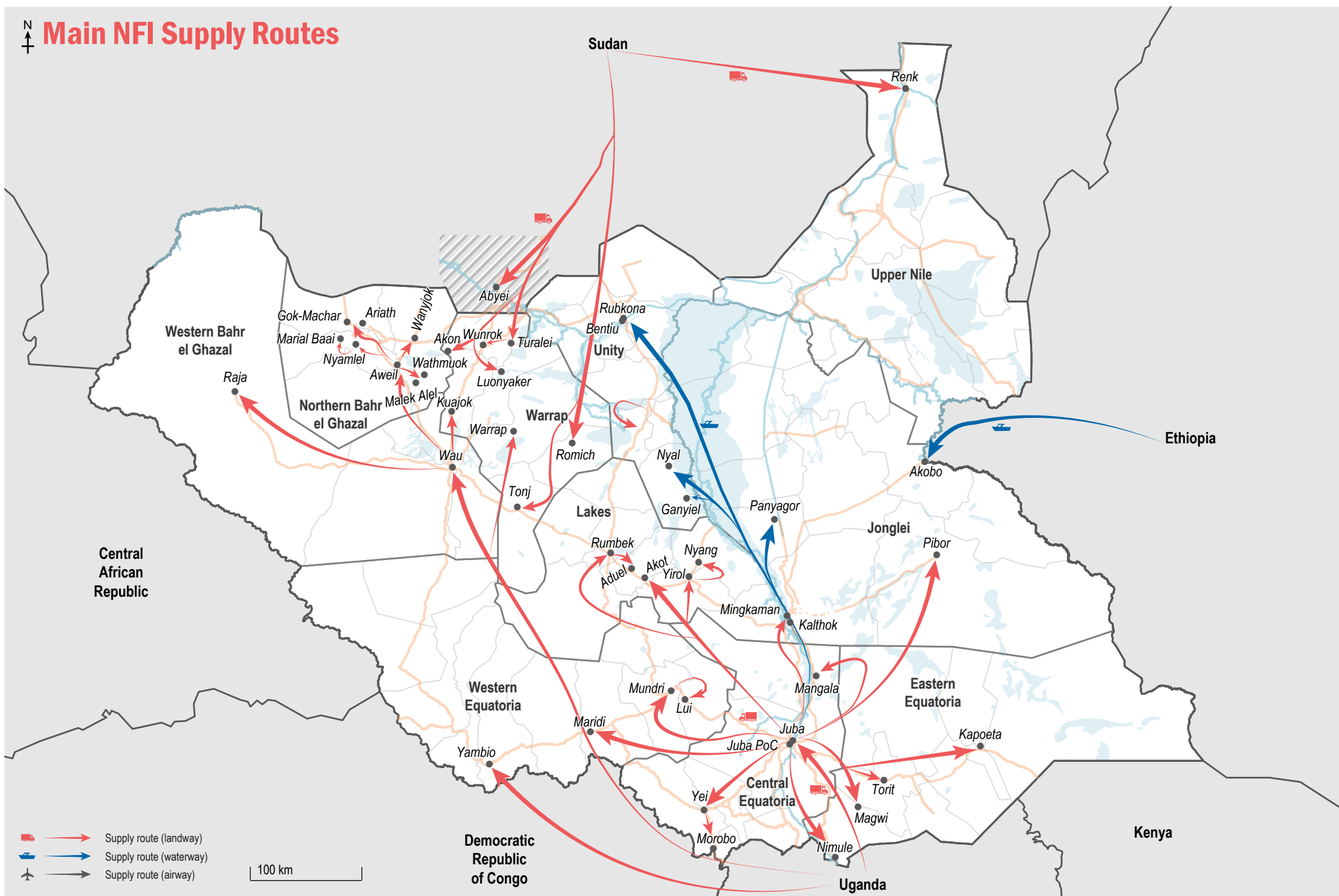
OTHER EXCHANGE RATES OVER TIME

(Parallel market rates)



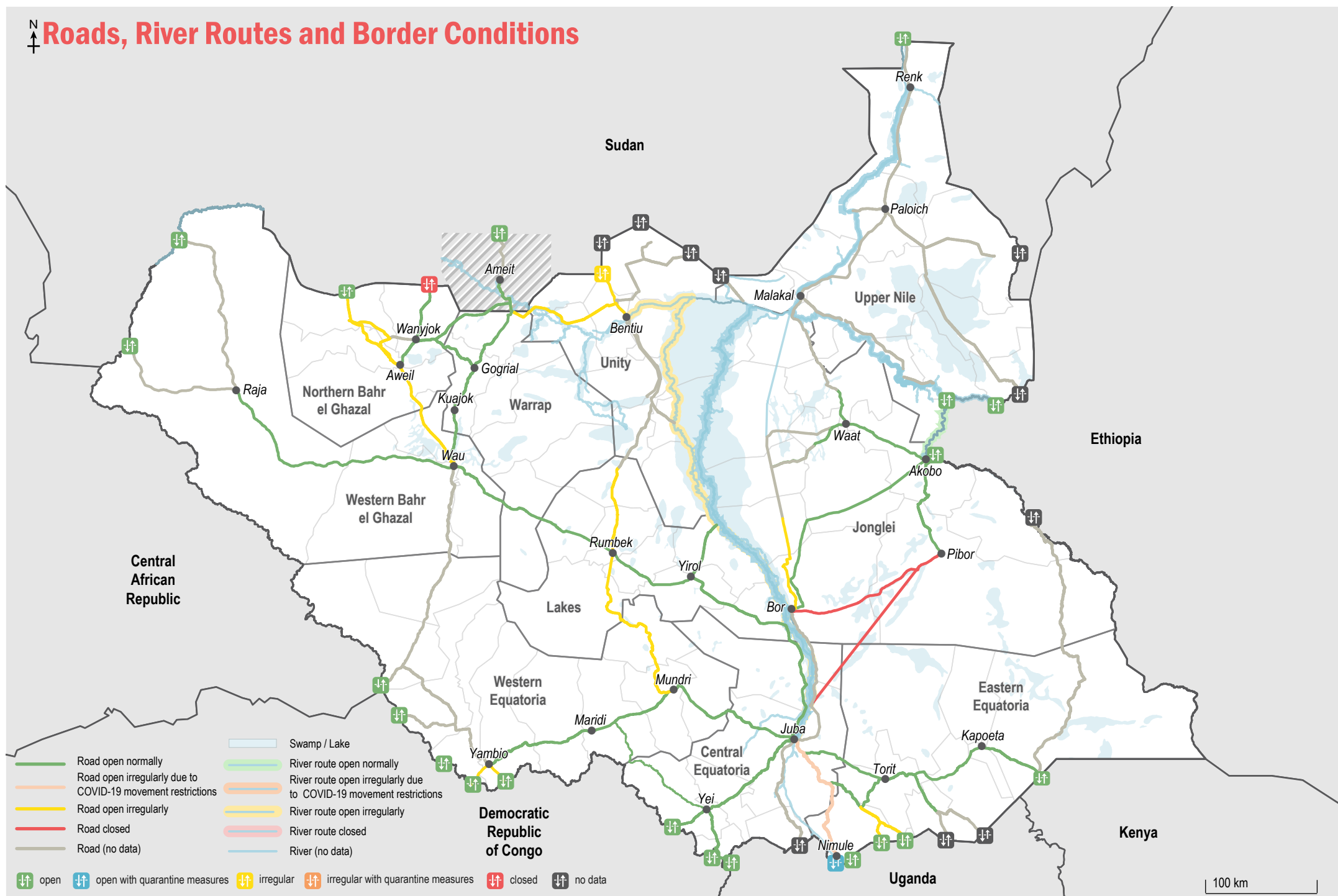


Main NFI Supply Routes



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

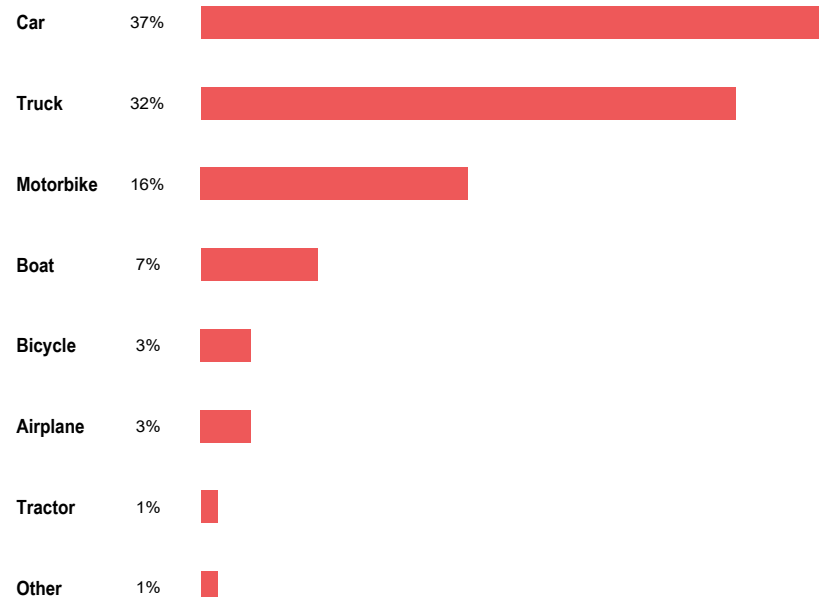
Roads, River Routes and Border Conditions



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

Additional Indicators

Primary modes of transport for restocking local cereals reported by traders



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

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

4 days

median time to restock locally produced cereals from out of town

3 days

4 days

77% of staple cereal traders reported restocking from a local producer

43% of food traders expect price increases

21% of food traders do not expect price changes

21% of food traders expect price decreases

15% of food traders do not have any price expectations

36% of traders reported restocking NFIs from a wholesaler in town

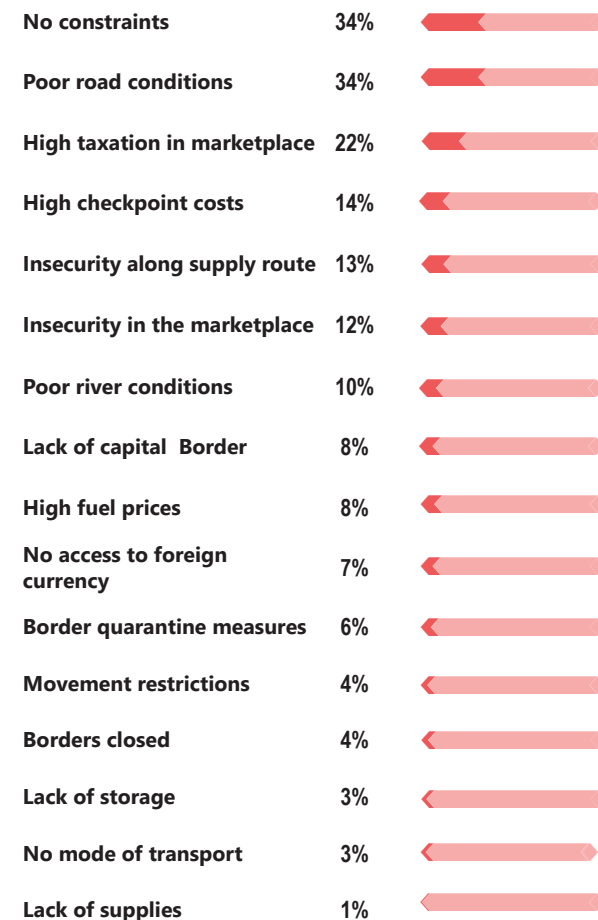
40% of non-food traders expect price increases

30% of non-food traders do not expect price changes

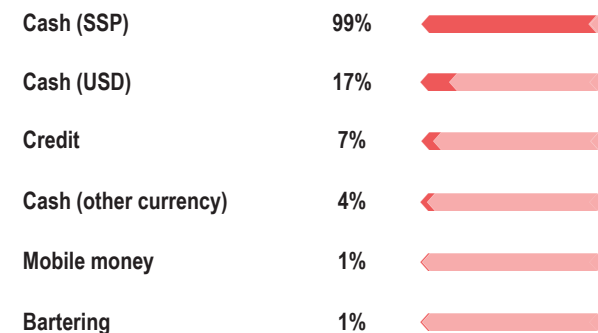
13% of non-food traders expect price decreases

17% of non-food traders do not have any price expectations

Reported restocking constraints*



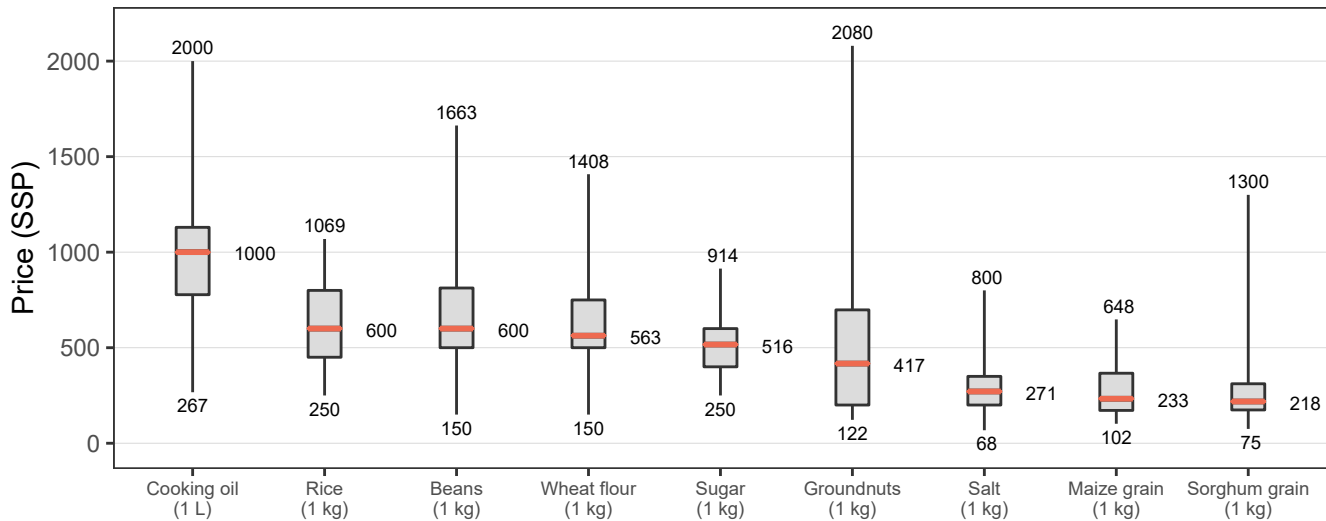
Accepted payment modalities*



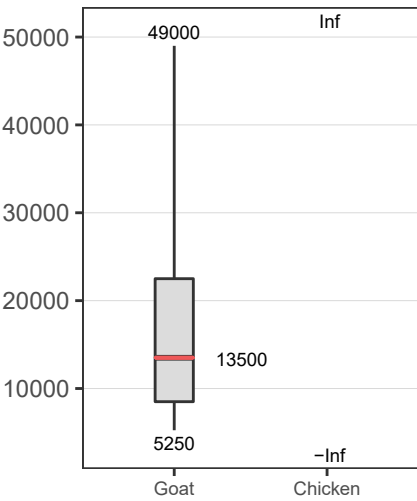
* Values do not add up to 100% as traders were allowed to select multiple options.

Distribution of Prices

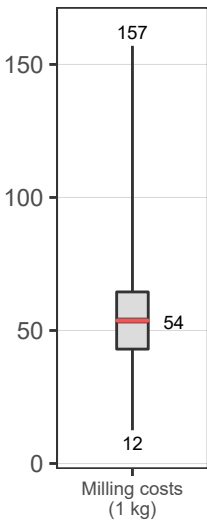
Food Items



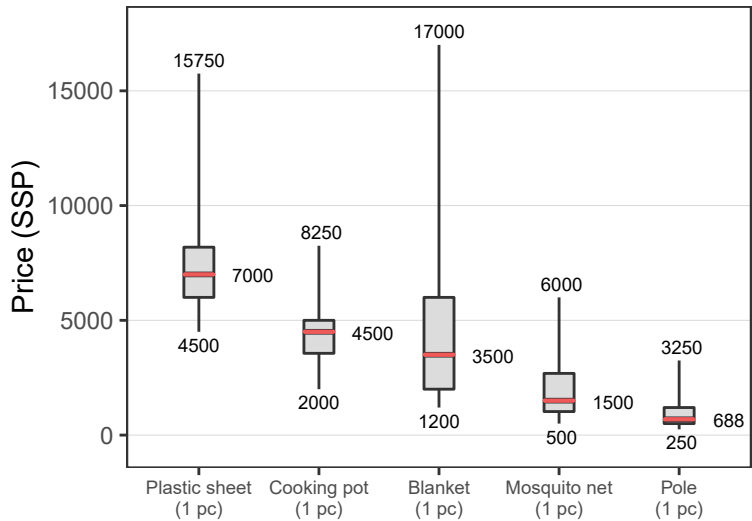
Livestock



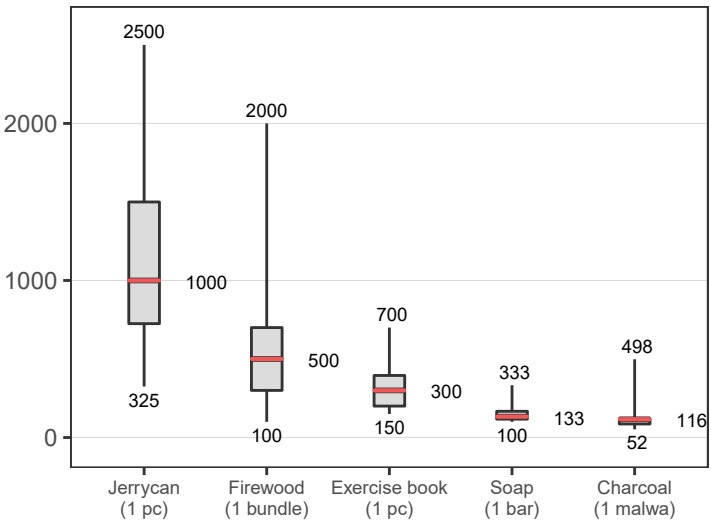
Services



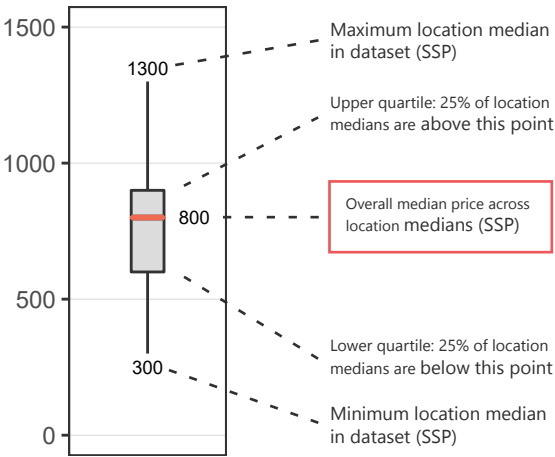
NFIs



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.

APPENDIX

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	191	na	150	na	2080	150	na	68	1000	na	117	na	800	500	1200	na	10000	1000	200	136	na	na	157		
	Juba Town	275	210	400	450	575	700	450	300	770	30	100	450	1200	350	4000	3500	6000	1200	1100	116	49000	na	20		
	Mangala	300	300	500	500	838	500	500	350	1000	na	100	400	1000	250	na	3000	6500	1750	750	119	na	na	50		
Morobo	Morobo Town	374	405	600	958	1048	500	860	500	1367	na	159	1000	1750	300	2500	4500	7750	600	500	100	na	na	50		
Yei	Yei Town	596	648	632	375	662	600	400	250	800	na	100	1400	2750	250	2750	4500	6750	500	2000	95	na	na	75		
Eastern Equatoria																										
Kapoeta South	Kapoeta Town	na	na	500	450	na	556	323	204	1350	na	133	325	na	400	na	na	na	na	1575	86	15000	na	29		
Magwi	Magwi Town	251	239	704	450	na	610	430	200	800	na	100	500	1500	250	2000	2000	5500	250	500	87	na	na	100		
	Nimule	251	239	563	676	1048	554	592	400	867	na	100	500	1500	250	3500	2000	4500	500	600	174	na	na	30		
Torit	Torit Town	175	150	500	400	700	500	400	100	900	na	117	400	2750	200	3000	4500	6500	900	1000	103	22500	na	50		
Jonglei																										
Akobo	Akobo Town	437	na	763	1069	na	902	874	276	2000	na	300	na	na	300	na	na	na	3000	300	332	25000	na	143		
Pibor	Pibor Town	na	na	na	1000	na	1000	na	na	2000	na	333	na	na	na	na	na	na	1000	500	290	32500	na	na		
Twic East	Panyagor	na	na	na	na	na	na	538	300	1200	na	133	na	na	na	na	na	na	1500	2000	276	30000	na	57		
Lakes																										
Awerial	Kalthok	na	na	500	500	na	500	500	200	1000	na	133	na	na	na	1500	2500	10000	na	na	na	15000	na	107		
	Mingkaman	164	162	550	550	227	600	550	500	1000	na	167	500	1000	200	2000	4500	7250	1500	500	116	25000	na	50		
Rumbek Centre	Rumbek Town	191	227	500	525	1135	1000	400	300	1000	na	117	1500	1300	375	1500	4000	6000	425	500	498	9500	na	50		
Rumbek East	Aduel	75	175	400	600	na	600	460	450	na	na	133	900	950	200	1500	3750	5500	275	300	58	10000	na	40		
	Akot	100	na	500	400	150	600	280	800	1200	na	133	1500	na	200	na	3500	na	275	600	116	16500	na	50		
Yirol East	Nyang	1300	na	225	250	na	300	250	200	1000	na	133	1000	na	300	na	na	na	500	100	86	12500	na	75		
Yirol West	Yirol Town	100	150	250	250	na	325	280	175	750	na	na	800	na	250	na	na	na	450	200	90	na	na	75		
Northern Bahr el Ghazal																										
Aweil Centre	Aweil Town	225	na	600	700	170	500	500	221	1000	na	125	1500	1000	150	13000	4750	6500	800	500	103	na	na	54		
Aweil East	Wanyjok	204	na	400	450	454	751	600	221	1000	na	117	2000	na	300	na	4500	5000	500	300	87	5900	na	43		
Aweil North	Ariath	na	na	na	na	na	na	600	300	1000	na	117	1000	950	175	na	5000	7000	1200	350	58	7500	na	29		
	Gok-Machar	193	na	600	800	142	na	600	283	1000	na	117	na	na	200	na	na	7000	650	400	52	na	na	65		
Aweil South	MalekAlel	136	na	na	300	na	na	600	221	1000	na	117	na	na	250	na	4000	5000	500	300	72	5750	na	43		
	Watmuok	na	na	na	na	na	na	600	221	1000	na	117	2000	na	250	na	4500	5000	500	300	72	5250	na	43		
Aweil West	Marial Baai	129	na	600	700	132	600	550	271	1100	na	133	na	na	200	na	na	7000	700	385	52	na	na	54		
	Nyamlel Town	182	na	600	800	132	500	600	283	1000	na	na	1700	na	190	na	4750	7000	700	400	64	na	na	65		
Unity																										
Panyijar	Ganylel	510	239	1200	na	na	1203	500	500	1600	na	167	1000	2500	na	na	5250	na	na	1000	121	15000	na	na		
	Nyal	410	na	na	na	na	na	874	700	1400	na	167	500	2000	500	na	4500	8000	2000	1700	121	na	na	na		
Rubkona	Bentiu	345	359	1092	817	384	1663	812	373	2000	na	225	2200	4750	250	17000	3000	15000	3000	600	166	6000	na	57		
	Rubkona Town	373	393	1127	845	454	1663	914	373	2000	na	233	2500	6000	300	17000	3500	15750	3250	650	166	8500	na	57		
Upper Nile																										
Renk	Renk Town	134	na	275	400	na	825	250	271	1600	na	175	700	1750	300	4500	4500	12000	775	225	145	na	na	14		
Warrap																										
Abyei Region	Abyei Town	225	na	563	676	303	1330	713	305	400	na	242	na	na	450	na	na	na	505	350	90	9500	na	57		
Gogrial East	Iuonyaker	212	na	563	na	227	776	na	339	na	na	167	2000	na	380	na	7000	8250	400	400	61	8500	na	57		
Gogrial West	Akon Town	188	na	800	1000	378	na	251	271	na	na	175	1350	1500	400	na	na	na	500	2000	119	9500	na	57		
	Kuajok	197	194	500	1000	123	na	600	228	na	na	142	1400	1250	300	na	7500	na	600	150	116	8000	na	86		
Tonj East	Romich	172	na	634	na	na	1220	300	388	634	na	300	2150	2000	700	na	5500	14000	500	500	116	13500	na	29		
Tonj North	Warrap Town	242	na	800	800	378	800	650	na	500	na	167	1500	1200	400	na	8250	na	700	700	116	10500	na	57		
Tonj South	Tonj Town	121	113	750	700	132	600	700	160	267	na	133	1000	500	500	1500	2000	5000	300	300	52	11750	na	na		
Twic	Turalei	700	450	1200	800	450	300	300	200	1140	na	100	1100	1100	300	3500	na	4750	750	285	207	7000	na	na		
	Wunrok	550	425	900	950	200	na	na	200	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na		
Western Bahr el Ghazal																										
Raja	Raja Town	235	211	525	550	na	na	na	550	1000	na	167	1300	600	200	2500	5000	6000	1500	500	69	15000	na	64		
Wau	Wau Town	275	200	500	550	200	800	500	250	1000	na	167	1000	2000	500	7000	5000	6750	2000	1000	131	18000	na	72		
Western Equatoria																										
Maridi	Maridi	na	102	930	654	712	743	517	173	500	na	117	725	3250	150	5000	6900	7500	na	600	116	20500	na	25		
Mundri East	Lui	177	389	1408	600	698	500	500	350	1100	na	100	1000	3800	500	8750	4000	12000	500	500	116	48000	na	13		
Mundri West	Mundri Town	255	251	704	600	698	500	400	200	1000	na	100	900	3000	500	7550	3800	12250	675	1200	116	40000	na	20		
Yambio	Yambio	na	130	475	450	559	443	430	200	667	na	na	1500	5000	200	3500	6250	8000	1500	625	103	45000	na	57		
Overall median		219	233	563	600	417	600	500	271	1,000	30	133	1,000	1,500	300	3,500	4,500	7,000	688	500	116	13,500	na	54		
na: no price data available, *ETB price reported as no SSP trading rate available																										

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	Jerry can	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	14	na	14	14	7	6	21	21	6	60	na	21	21	14	na	14	na	1	1
	Juba Town	60	18	7	51	51	45	35	21	48	42	42	36	30	51	35	30	3	4	6
	Mangala	60	35	14	14	14	6	10	14	21	14	21	21	45	na	60	21	na	6	2
Morobo	Morobo Town	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	2
Yei	Yei Town	14	14	14	14	14	14	14	7	14	7	14	21	14	28	21	21	na	na	5
Eastern Equatoria																				
Kapoeta South	Kapoeta Town	na	na	18	14	na	30	11	14	7	6	45	na	30	na	na	na	na	na	na
Magwi	Magwi Town	na	na	21	21	na	60	21	48	30	35	60	na	na	na	na	na	na	1	1
	Nimule	14	7	7	7	11	14	7	14	7	7	14	60	25	na	na	na	na	2	100
Torit	Torit Town	14	14	21	30	18	14	14	23	na	22	26	na	28	60	na	14	13	3	7
Jonglei																				
Akobo	Akobo Town	60	na	60	60	na	60	60	na	60	na	na	na	na	na	na	na	na	14	14
Pibor	Pibor Town	na	na	na	21	na	21	21	18	18	21	na	na	na	na	na	na	na	3	3
Twic East	Panyagor	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	5	5
Lakes																				
Awerial	Kalthok	na	na	30	30	na	30	30	30	30	30	na	na	na	30	60	30	na	5	5
	Mingkaman	45	45	30	30	30	30	30	60	30	60	60	60	60	45	60	60	na	5	5
Rumbek Centre	Rumbek Town	14	11	26	7	28	25	14	28	7	14	29	35	21	60	45	34	na	na	2
Rumbek East	Aduel	30	60	26	30	30	30	22	30	22	26	45	60	45	30	60	60	5	5	7
	Akot	na	na	60	na	na	60	na	60	na	na	14	na	60	na	na	na	na	5	5
Yirol East	Nyang	7	na	14	30	na	14	21	18	14	21	14	na	45	na	na	na	na	60	60
Yirol West	Yirol Town	11	18	14	14	60	18	21	45	18	21	21	na	60	na	na	na	na	na	na
Northern Bahr el Ghazal																				
Aweil Centre	Aweil Town	45	na	33	39	60	35	56	na	35	na	30	60	na	60	na	na	na	na	na
Aweil East	Wanyjok	14	na	14	14	14	21	7	12	7	7	14	na	21	na	14	21	1	1	1
Aweil North	Ariath	na	na	na	na	na	na	21	21	18	18	21	14	60	na	60	14	na	2	4
	Gok-Machar	49	na	39	39	28	na	28	na	28	na	na	na	na	na	na	29	na	na	na
Aweil South	MalekAlel	14	na	na	14	na	na	14	14	14	14	na	na	na	30	na	18	1	1	1
	Watmuok	14	na	na	na	na	na	14	14	9	14	14	na	14	na	14	14	1	1	1
Aweil West	Marial Baai	60	na	39	35	33	28	63	na	28	na	na	na	na	na	na	56	na	na	na
	Nyamlel Town	60	na	33	25	39	36	60	na	46	na	32	na	na	na	na	33	na	na	na
Unity																				
Panyijar	Ganylel	18	37	37	21	na	18	14	30	30	21	7	30	na	na	41	na	5	5	5
	Nyal	60	na	na	30	na	30	30	30	21	22	60	60	60	na	60	30	na	15	15
Rubkona	Bentiu	21	21	18	21	21	25	25	28	21	28	32	32	32	35	25	21	9	9	9
	Rubkona Town	25	21	18	25	25	28	21	35	21	39	35	32	39	35	42	28	9	9	8
Upper Nile																				
Renk	Renk Town	21	na	21	25	25	32	37	28	18	11	7	30	21	22	na	na	na	6	3
Warrap																				
Abyei Region	Abyei Town	60	na	21	21	21	18	21	21	21	21	na	na	26	na	na	na	na	na	na
Gogrial East	Luonyaker	41	na	21	na	21	21	21	21	21	21	21	na	21	na	21	21	na	na	na
Gogrial West	Akon Town	60	na	21	21	21	21	21	21	18	21	21	18	21	na	na	na	na	na	na
	Kuajok	60	60	21	14	18	21	21	21	21	21	21	21	21	na	41	21	na	na	na
Tonj East	Romich	41	na	21	na	18	21	21	21	21	21	18	26	18	na	21	21	na	na	na
Tonj North	Warrap Town	60	na	21	14	21	21	21	21	21	21	21	21	21	na	21	na	na	na	3
Tonj South	Tonj Town	60	60	21	21	21	21	21	21	21	21	21	21	21	21	21	21	na	na	na
Twic	Turalei	30	14	22	14	7	22	14	14	11	11	11	11	11	14	11	14	na	na	na
	Wunrok	30	14	22	30	14	14	14	7	na	na	na	na	na	na	na	na	na	na	na
Western Bahr el Ghazal																				
Raja	Raja Town	35	14	25	42	na	na	51	na	33	60	18	na	na	30	30	60	na	4	4
Wau	Wau Town	26	30	26	26	26	26	26	26	26	26	26	26	26	26	26	26	na	22	28
Western Equatoria																				
Maridi	Maridi	21	na	48	60	60	na	60	60	na	44	60	na	na	na	na	na	na	na	na
Mundri East	Lui	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	na	1	1	na
Mundri West	Mundri Town	14	na	30	30	21	45	30	na	28	na	30	na	na	45	28	na	na	na	na
Yambio	Yambio	na	7	na	na	na	na	na	na	14	na	na	na	na	na	na	na	na	12	21

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.
- 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 intrnational.
- Caritas
- Church & Development
- CINA-Community in Need Aid
- Concern World wide
- 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
- LDO-Lomore Development Organization
- 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
- SSGID- South Sudan Grss rout Initiative for Development
- Tearfund
- UNHCR- United Nations High Commissioner for Refugee
- UNICEF – United Nations Children's Fund
- UNKEA – Universal Network for Knowledge & Empowerment Agency
- WADA-WiderAid and Development Agency
- Welthungerhilfe (WHH)
- Windle Trust International
- World Vision
- NPA - Norwegian Peoples's Aid

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

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.

JMMI OUTPUTS

Factsheets Datasets

2021

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

2020

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

2019

December	December
November	November
October	October
September	September
August	August