

YEMEN | JOINT MARKET MONITORING INITIATIVE (JMMI)

October 2023

INTRODUCTION

The Yemen Joint Market Monitoring Initiative (JMMI) is led by REACH in collaboration with the **Water, Sanitation, and Hygiene (WASH) Cluster** and the **Cash and Market Working Group (CMWG)** since 2018. The objective of the JMMI is to support humanitarian actors with the harmonisation of market monitoring and to produce information products for evidence-based **Cash and Voucher Assistance (CVA)** and market-based programming (MBP).

ASSESSED DISTRICTS

The JMMI tracks the price and availability of all components of the WASH and food Minimum Expenditure Basket (MEB), as well as other food and non-food items. In addition, the JMMI monitors the functionality of the markets by assessing the supply chain and vendors' perceptions of the market and their businesses.

This JMMI Situation Overview presents the findings of **October 2023**, collected between **8 - 12 October** from **154 markets**.

KEY FINDINGS

- In markets assessed in **Internationally Recognized Government-controlled Areas (IRG)**¹, the price of the food component of the MEB has decreased compared to the previous month. The exchange rate volatility still has the major credit in finding price fluctuations in this month. In the **Ansar Allah-controlled areas (AA)**, a decrease was observed probably due to the change in market coverage. In addition, the World Bank (WB) saw that the decrease in food prices was primarily driven by the decline in consumer price inflation.²

- Despite a discernible **decrease in the median prices of soap and sanitary napkins**, the median cost of the **WASH component** of the MEB demonstrated **relative stability in AA areas**. Similarly, in IRG areas, the median cost also exhibited stability. Notably, **sanitary napkins and treated water were less frequently reported** among the monitored items. This scarcity can be attributed to their **limited presence in the market**, reflecting the **subdued demand** from customers.

- The **price of 1 cylinder of cooking gas** has **slightly decreased in IRG**, while it **remained stable in AA** compared to the previous month. To add, **the impact of AA's decision to prohibit the import of domestic gas from Marib**³ continued to manifest in the fluctuations observed in prices obtained from IRG areas.

MARKET OVERVIEW

KEY INDICATORS

Exchange Rates

1,446 YER/USD IRG Parallel market ▼ -1%	519 YER/USD AA Parallel market ▼ -2%	530 YER/USD Official market (Central Bank of Yemen, Aden)
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Key Monthly Changes In MEB

Median cost of total MEB
August - September 2023

IRG	250,077 YER	0%
AA	▼ 114,608 YER	-4%

Food MEB	WASH MEB	Cooking gas
IRG ▼ -2%	IRG 0%	IRG ▼ -3%
AA ▼ -9%	AA 0%	AA 0%

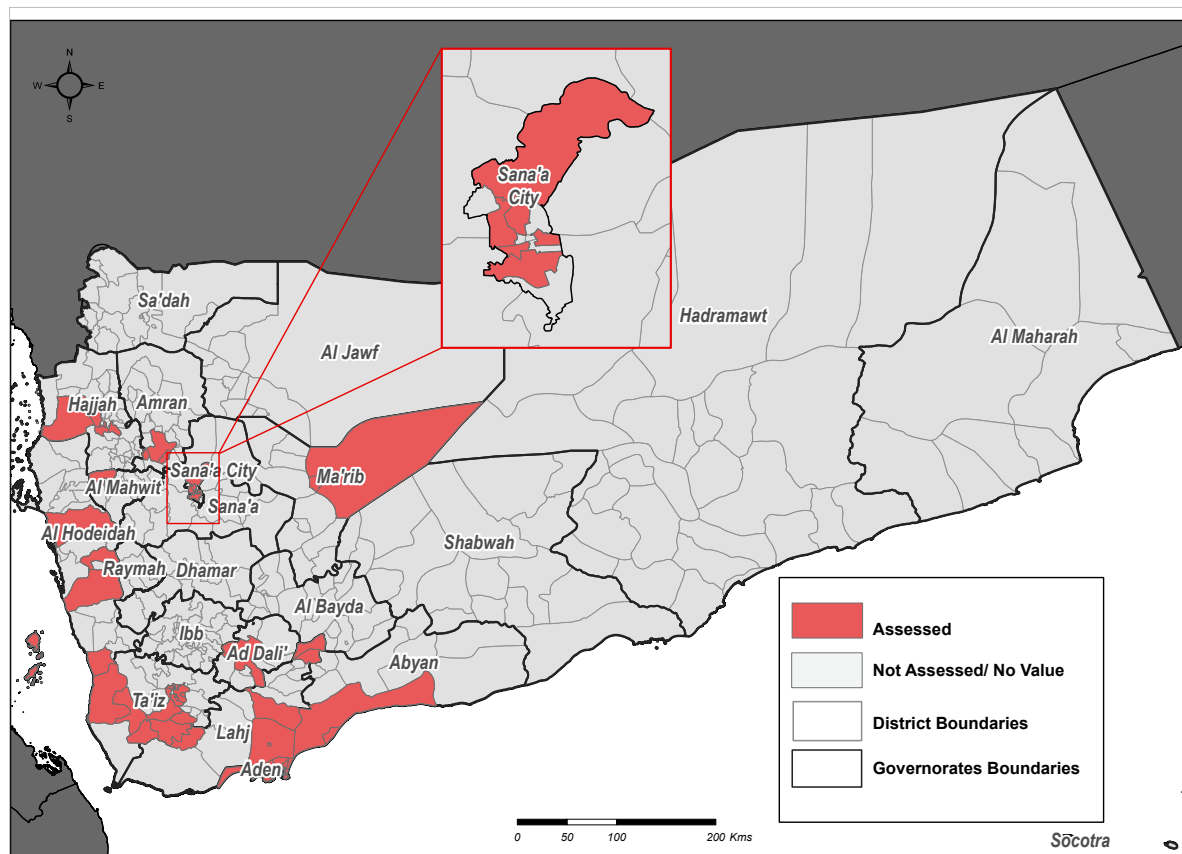
Market Shortages

Food items: sugar, wheat flour and dry kidney beans

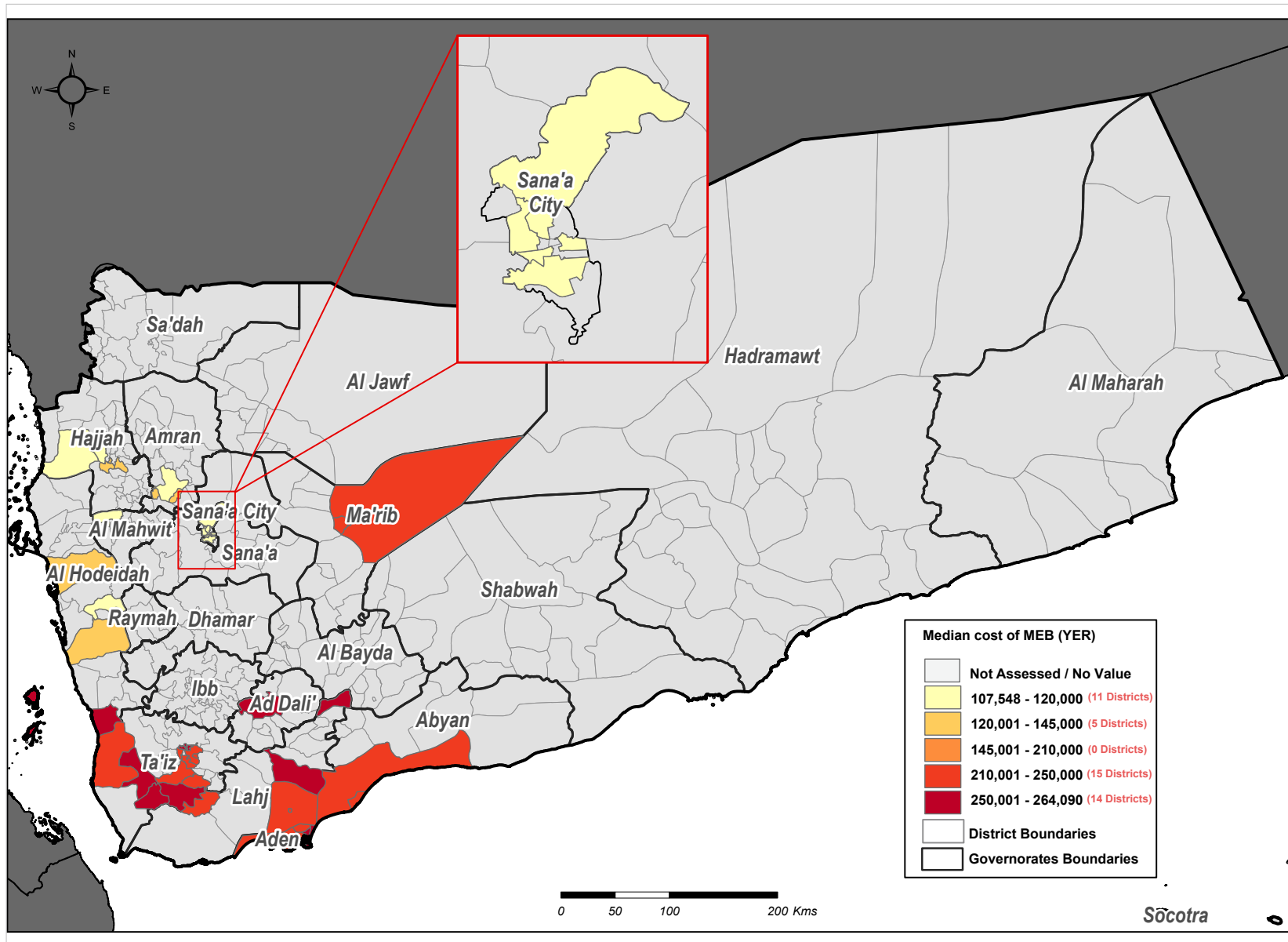
WASH items: bleach and treated water

Fuel items: diesel, cooking gas and petrol

15	Participating agencies
11	Assessed governorates
55	Assessed districts
872	Key informant interviews (KIIs)
112	Markets in IRG-controlled areas
42	Markets in AA-controlled areas



The Median Cost of The Assessed Total MEB*



* This map visualises the cost of the items in the total MEB in Yemeni Rial (YER), calculated for districts with available price data in this month's JMIMI round. Darker colours indicate a relatively higher cost while lighter colours indicate a lower cost. See table for the components of the total MEB

Minimum Expenditure Basket (MEB) Components

The Minimum Expenditure Basket (MEB) represents the minimum culturally adjusted group of items required to support a seven-person Yemeni household for one month. The MEB is composed of **essential commodities and services, provided by FSAC, Shelter and Health clusters, IOM, KAP Survey and the CMWG**. Since September 2022³, REACH calculates the cost of the MEB following the updated CMWG guidance from 2022⁴.

Food Items

Wheat flour	75 kg
Kidney beans	10 kg ⁵
Vegetable oil	8 L
Sugar	2.5 kg
Iodised salt	1 kg

WASH Items

Soap	1050 g
Laundry powder	2000 g
Sanitary napkins	50 pieces
Water ⁶	3150 L
Water treatment tablets	Pack of 50 tablets

Non-food items

Cooking fuel	1 cylinder
Rent subsidy	lump sum
Shelter maintenance	lump sum

Health items

Medication	lump sum
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Services

Communication	lump sum
Transportation	lump sum

Median Cost of Total MEB

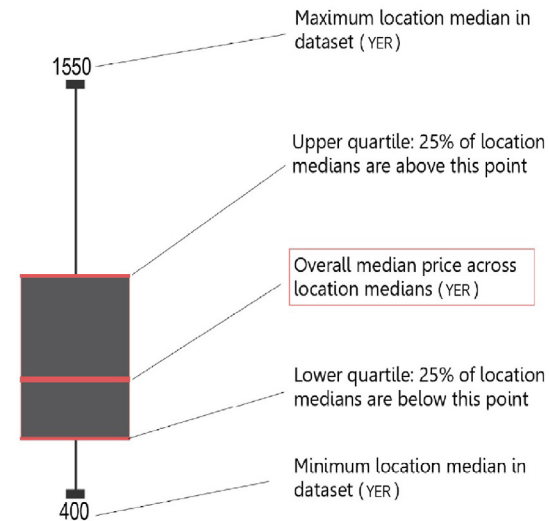
IRG	250,077 YER	0%
AA	▼ 114,608 YER	-4%

District Median Prices of MEB Components, in YER

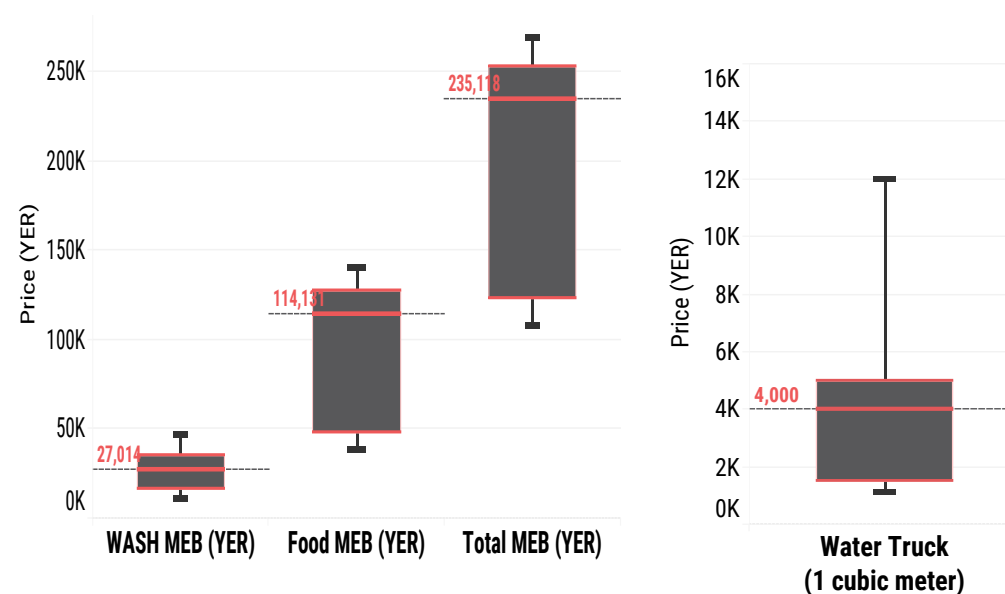
Location*	Median Price of Total MEB in YER	Change since September 2023
Abyan		
Khanfir	242,381	▼-0.15%
Zingibar	226,474	▲1.67%
Aden		
Al Buraiqeh	229,674	▼-8.95%
Al Mansura	249,478	▼-2.58%
Al Mualla	257,174	▼-0.42%
Ash Shaikh	250,077	▲2.85%
Outhman	257,174	▼-0.42%
Craiter	222,836	▼-1.51%
Dar Sad	254,024	▼-7.3%
Khur Maksar		
Al Dhale'e		
Ad Dhalee	272,099	▲12.41%
Qaatabah	252,173	▲7.2%
Al Hudaydah		
Al Khawkhah	255,324	▲0.51%
As Sukhnah	115,145	▼-6.12%
Bajil	132,680	0%
Bayt Al Faqiah	132,680	0%
Al Mahwit		
Al Khabt	118,420	0%
Amran		
Amran	126,071	▲5.57%
Jabal Iyal Yazid	117,957	▼-1.35%
Hajjah		
Abs	114,070	▼-3.18%
Al Mahabishah	122,902	▲0.12%
Aslem	114,070	▼-3.18%
Qafil Shamer	144,652	0%
Lahj		
Al Had	259,941	▼-8.75%
Al Hawtah	248,883	▲1.2%
Al Maqatirah	234,174	▲0.43%
Al Milah	260,324	▲7.9%
Tuban	248,999	▲0.36%
Yafaa	269,090	▼-6.54%
Marib		
Marib	228,016	0%
Marib City	222,094	▼-6.59%
Sana'a City		
Al Wahdah	109,635	▲0.72%
As Sabain	111,599	▲3.16%
Aththaorah	111,033	0%
Azzal	111,605	0%

Location*	Median Price of Total MEB in YER	Change since September 2023
Bani Al Harith	112,405	0%
Maa'in	107,548	▼-1.49%
Taizz		
Al Maafer	234,199	▼-10.12%
Al Mawasit	236,036	▼-11.17%
Al Misrah	241,674	▼-1.09%
Al Mudhaffar	262,524	▲2.75%
Al Mukha	248,791	▲0.39%
Al Qahirah	258,622	▲4.22%
Al Waziiyah	251,174	▼-3.64%
Ash	258,779	▼-5.16%
Shamayatayn	252,541	▼-6.8%
Mawza		
Sabir Al	238,129	▼-1.44%
Mawadim		
Salh	258,435	▲2.42%
Total	236,036	▼-2.84%

How to Read a Boxplot



National Median Prices of MEB Components, in YER



AOR Median Prices of Assessed Items, in YER

Assessed items	Median Prices in IRG	Change since September 2023	Median Prices in AA	Change since September 2023
Total MEB (canned beans)	250,077	0%	114,608	-4%
MEB - WASH	32,963	0%	13,638	0%
Soap	400	0%	155	-9%
Laundry powder	350	+8%	150	0%
Sanitary napkins	1,150	-4%	500	-17%
Water trucking	5,000	0%	1,500	0%
Non- WASH MEB				
Bottled water	200	0%	100	0%
Treated water	200	0%	100	-20%
Bleach	1,650	+6%	957	-2%
MEB - Food (canned beans)	123,162	-2%	44,632	-9%
MEB - Food (dry beans)	120,950	-1%	42,700	-4%
Wheat flour	900	0%	300	-14%
Canned kidney beans	900	0%	350	0%
Dry kidney beans	2,675	+1%	840	+5%
Vegetable oil	2,800	+4%	1,000	+4%
Sugar	1,300	0%	500	0%
Salt	200	0%	150	-12%
Non- Food MEB				
Rice	2,000	+3%	730	-19%
Lentils	2,150	+2%	850	-6%
Potatoes	1,500	+25%	500	0%
Onions	1,200	+26%	400	0%
Fuel				
Cooking gas	9,275	-3%	8,612	0%
Petrol	1,250	+9%	450	0%
Diesel	1,400	0%	450	0%

* The boxplots indicate to the median price of each MEB component at the national level, while the table to the right shows the median of total MEB price per district.

Food MEB Findings

- The volatile exchange rate of the Yemeni Rial continues to influence the price difference between the economies of AA and IRG. Higher prices were observed in IRG areas since the outlaw from using banknotes issued by the Central Bank of Aden in AA areas.
- There is a likelihood that the **prices of food commodities in AA areas could rise**. This assumption is based on information from vendor KIs, who reported that the government has imposed **additional taxes on farmers**.
- It is noticed that the **prices of vegetable oil and dry kidney beans** have increased in **IRG and AA areas**. This can be attributed to the **unstable exchange rate in IRG and to data collection from new markets in AA areas**.

Median Cost of the Food component of the MEB and % change compared to September 2023

IRG	▼ 123,162 YER	-2%
AA	▼ 44,632 YER	-9%

Availability of Monitored Food items

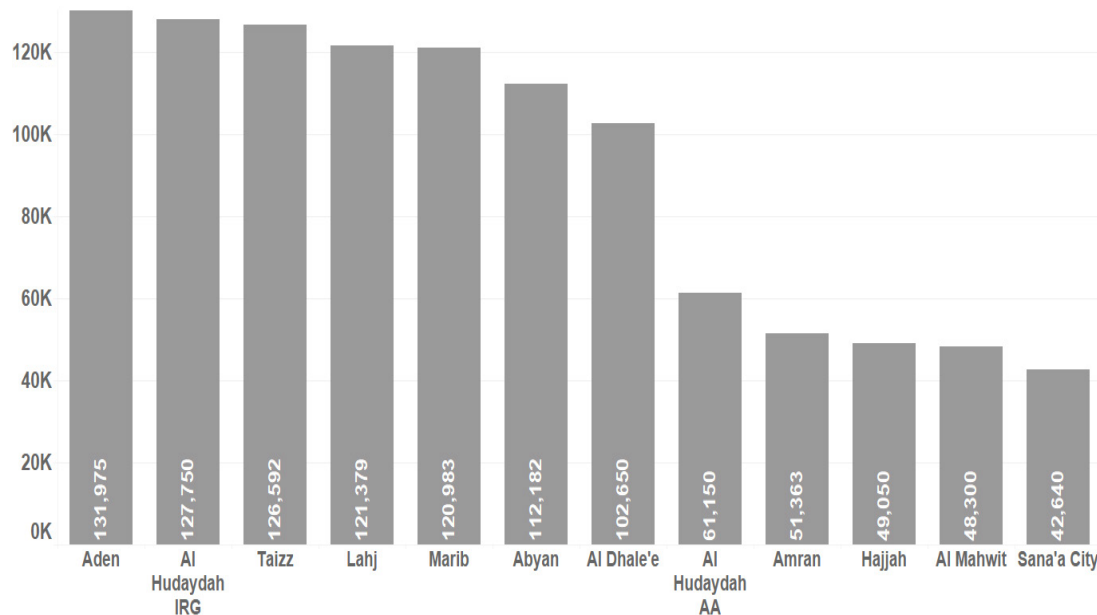
- **15% (38) of food vendor KIs** reported being unable to meet a 50% increase in consumer demand for food items.
- **5% (12) of food vendor KIs** reported a shortage of food items in the last 2 weeks prior to data collection. Most commonly reported items were:
 - **Sugar** (5 KIs)
 - **Wheat flour** (4 KIs)
 - **Dry kidney beans** (3 KIs)

Constraints Reported by Food Vendors (249)

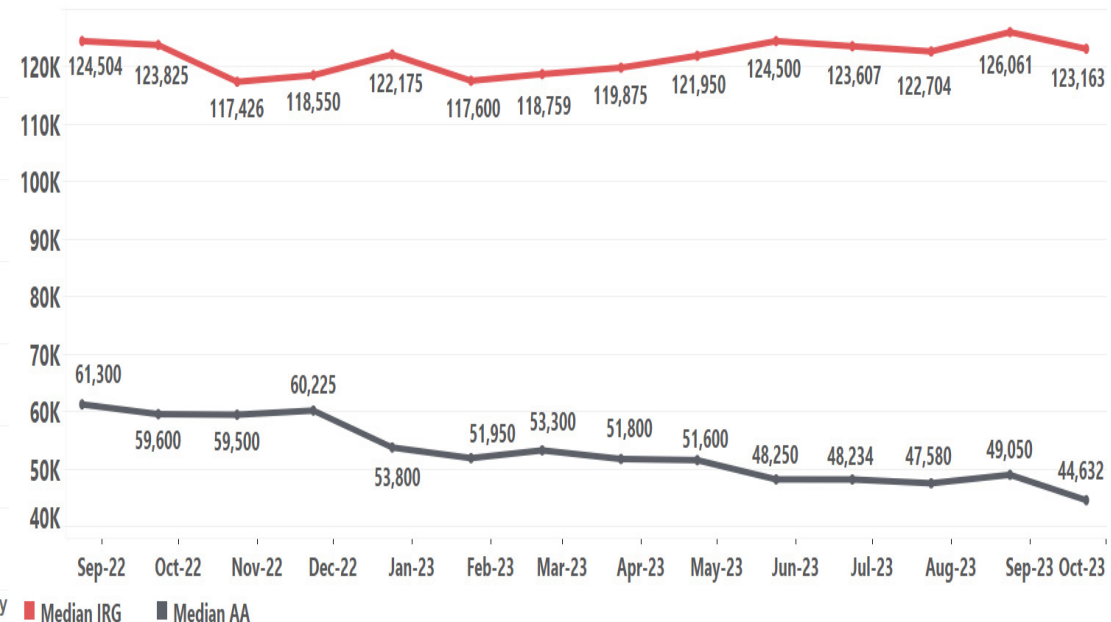
Around **54%** of the interviewed food vendors reportedly face constraints in keeping their business operational and well-stocked. During the **previous month**, this figure stood at **60%**. In October 2023, most commonly reported constraints were⁷:

	1st choice	2nd choice	3rd choice
Price inflation	78%	5%	2%
Liquidity shortage	6%	15%	4%
High fuel prices	6%	27%	27%
Decline of consumer demand	3%	10%	7%
Movement restrictions	3%	4%	4%
Damage on the road	1%	4%	4%
Refused to answer	1%	1%	0%
Electricity cuts	1%	13%	18%
Regulations from authorities	0%	9%	8%
Fuel shortage	0%	4%	1%
Insecurity and instability	0%	1%	1%
Difficulty finding supplies	0%	1%	1%

Median Cost of The Food MEB Component Per Assessed Governorate, in YER



Median Cost of The Food MEB Component in IRG and AA, in YER



WASH MEB Findings

- **Price fluctuations were noticed** in the cost of the WASH component of the MEB in the assessed markets. This is attributed to the **unstable exchange** rate in **IRG** along with increased coverage in **AA** areas.
- As per insights from **10%** of WASH vendor KIs, there was **inclination to refrain from selling treated water and sanitary napkins** owing to a lack of demand from consumers. Consequently, this has led to **a scarcity of recorded prices** for these particular items.
- People's **reliance on private wells** resulted in a declined demand for water trucking in **AA areas**, according to **7 vendor KIs**.

Median Cost of the WASH component of the MEB and % change compared to September 2023

IRG	32,963 YER	0%
AA	13,638 YER	0%

Availability of Monitored WASH Items

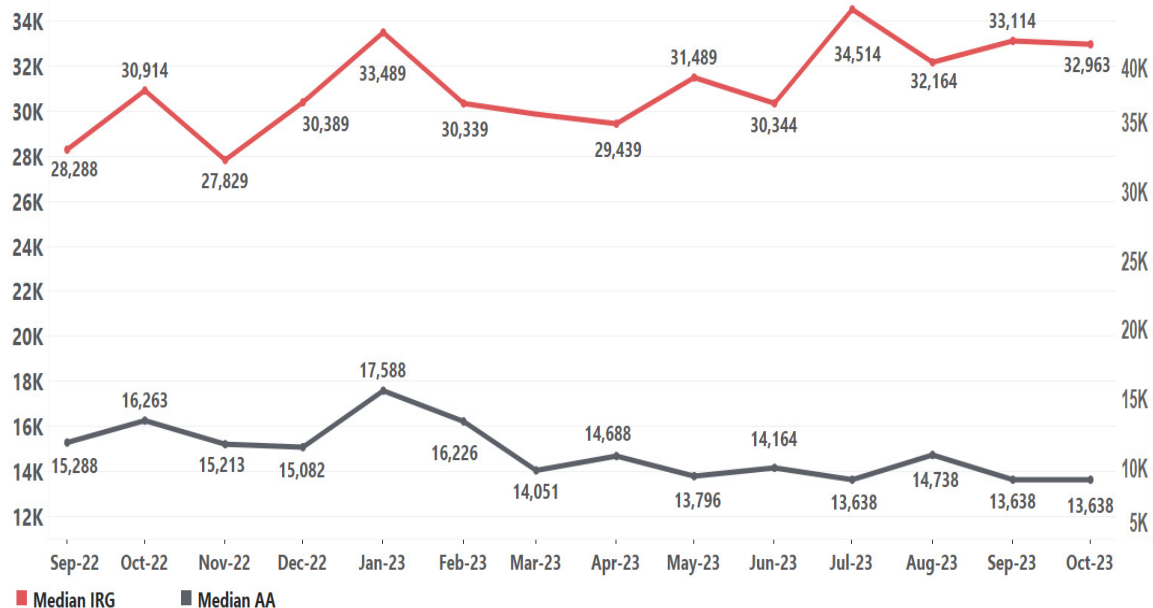
- **14% (35) of WASH vendor KIs** reported being unable to meet a 50% increase in consumer demand for WASH items.
- **12% (22) of water trucking vendor KIs** reported being unable to meet a 50% increase in consumer demand for water trucking.
- **1 of the vendor KIs** have reported shortage of items. Most commonly reported items were:
 - **Bleach** (1 KIs)
 - **Treated water (in jerrycans)** (1 KIs)

Constraints Reported by WASH vendors (245)

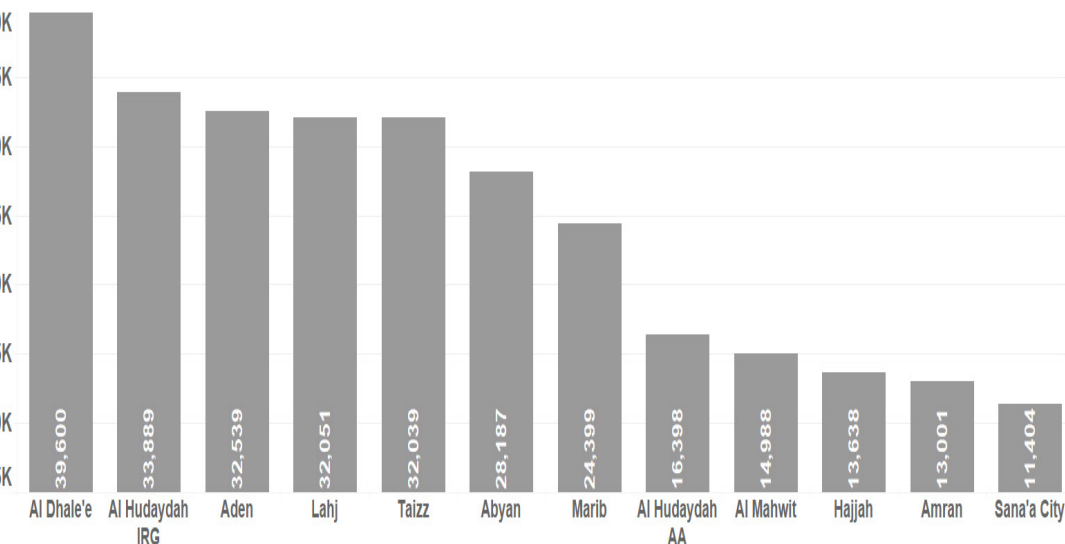
Around 51% of the interviewed WASH vendors reportedly face constraints in keeping their business operational and well-stocked. **During the previous month**, this **proportion was 52%**. In October 2023, most commonly reported constraints were⁸:

	1st choice	2nd choice	3rd choice
Price inflation	75%	6%	2%
Liquidity shortage	7%	14%	3%
High fuel prices	6%	24%	34%
Decline of consumer demand	4%	9%	8%
Movement restrictions	4%	6%	2%
Damage on the road	2%	7%	3%
Refused to answer	2%	0%	0%
Difficulty finding supplies	1%	1%	0%
Regulations from authorities	0%	10%	3%
Electricity outage	0%	10%	21%
Fuel shortage	0%	3%	0%
Damage at the marketplace	0%	1%	0%

Median Cost of the WASH MEB Component in IRG and AA, in YER



Median Cost of The WASH MEB Component Per Assessed Governorate, in YER



Water Trucking (1 m³)

IRG	5,000 YER	0%
AA	1,500 YER	0%

Constraints Reported by Water Trucking Vendors (180)

46% of the interviewed water trucking vendors reportedly face constraints in keeping their business operational and well-stocked. **During the previous month, this proportion was 53%.** Most commonly reported constraints were^a:

	1st choice	2nd choice	3rd choice
High fuel prices	37%	24%	23%
Price inflation	36%	10%	5%
Damage on the road	12%	12%	16%
Decline of consumer demand	5%	5%	6%
Fuel shortage	2%	13%	5%
Difficulty finding supplies	2%	2%	1%
Regulations from authorities	2%	1%	5%
Increase of consumer demand	2%	0%	0%
Liquidity shortage	0%	10%	1%
Movement restrictions	0%	6%	6%
Electricity cuts	0%	5%	6%
Insecurity and instability	0%	0%	1%
Other	0%	0%	1%

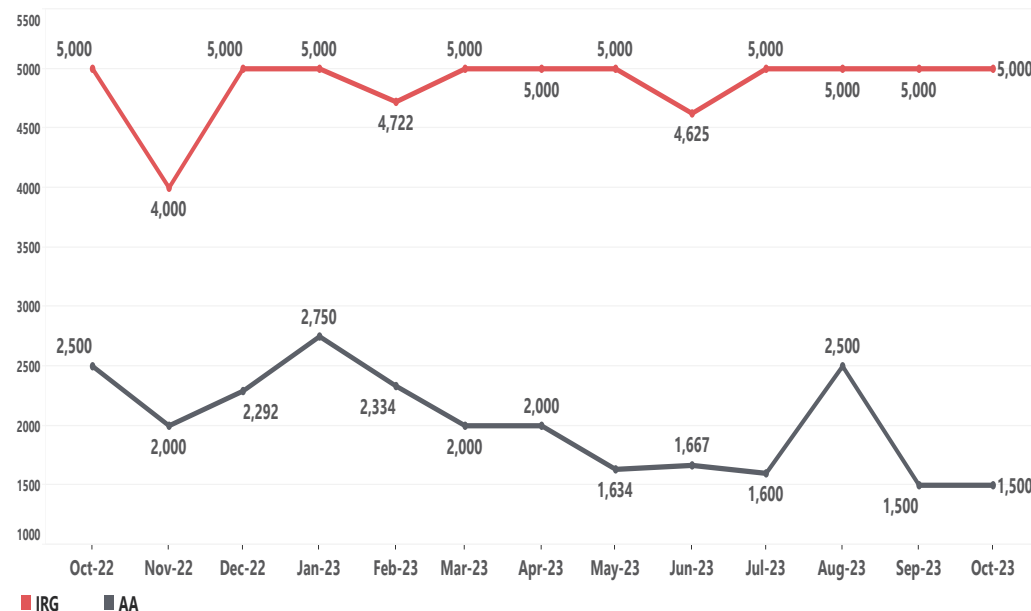
Median Cost of Exchange Rate, Per Region

IRG	▼ 1,446 YER /USD	-1%
AA	▼ 519 YER/USD	-2%

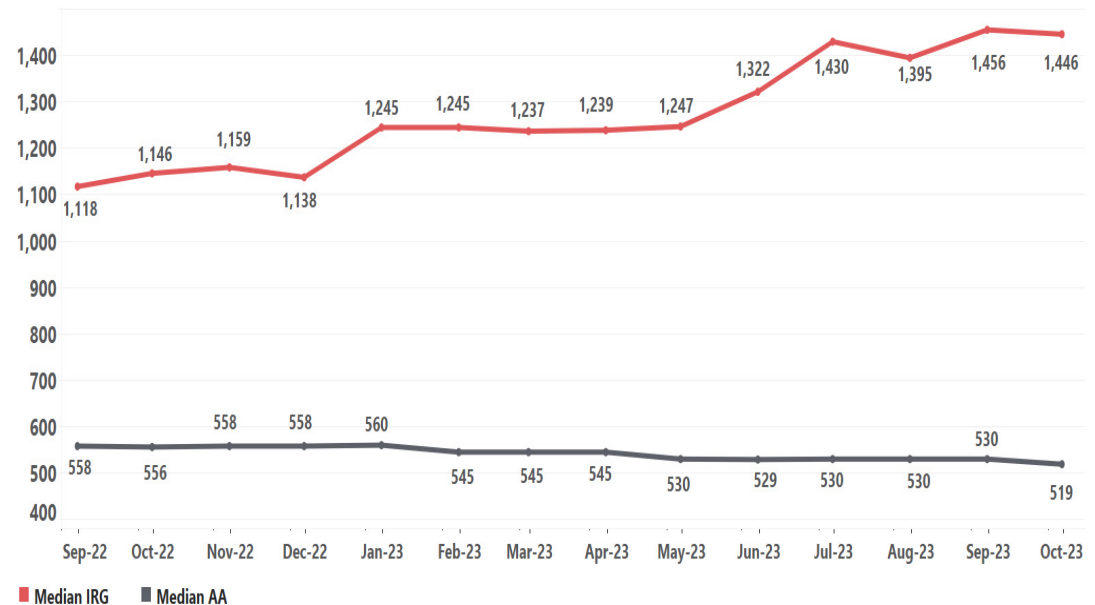
Notes on Monitored Exchange Rate

- The **governorate** with the **highest** recorded exchange rate was **Abyan** governorate (1,450 YER/USD).
- According to enumerators**, the exchange rate has a major effect on the price changes as vendors in **IRG-controlled areas** relate the YER exchange rate to pricing of items or services.

Median Cost of Water Trucking in IRG and AA, in YER



Trends in Parallel Exchange Rates in IRG and AA (YER/USD)



Findings of Monitored Fuel Items

- The fluctuations in exchange rates significantly influenced the **observed changes in diesel and cooking gas prices in IRG** areas compared to September 2023. It is important to highlight that **changes in coverage**, with the **inclusion of more markets and newer market entries**, played a noticeable role in shaping the observed price dynamics.
- Out of the 210 KIIs conducted this month, **34% took place** at stations affiliated with YPC or YGC, **63% at commercial stations**, and **3% on the informal market**¹².

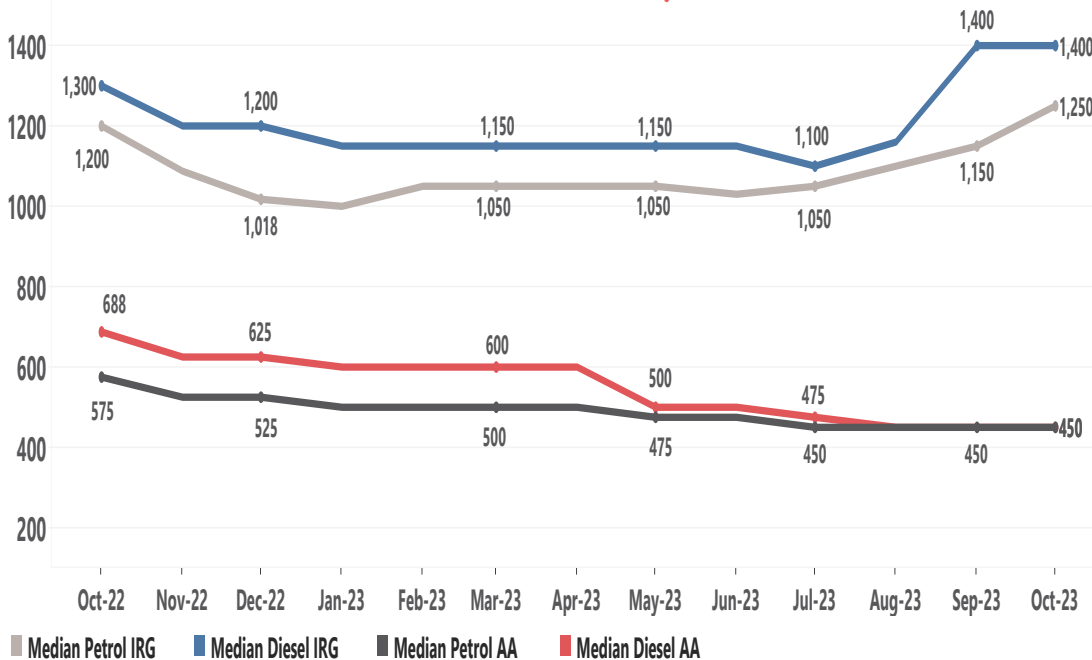
Median Cost of fuel and % change compared to September 2023

Petrol (1 L)	Diesel (1 L)	Cooking gas (1 cylinder)
IRG	IRG	IRG
▲ 1,250 YER +9%	1,400 YER 0%	▼ 9,275 YER -3%
AA	AA	AA
450 YER 0%	450 YER 0%	8,612 YER 0%

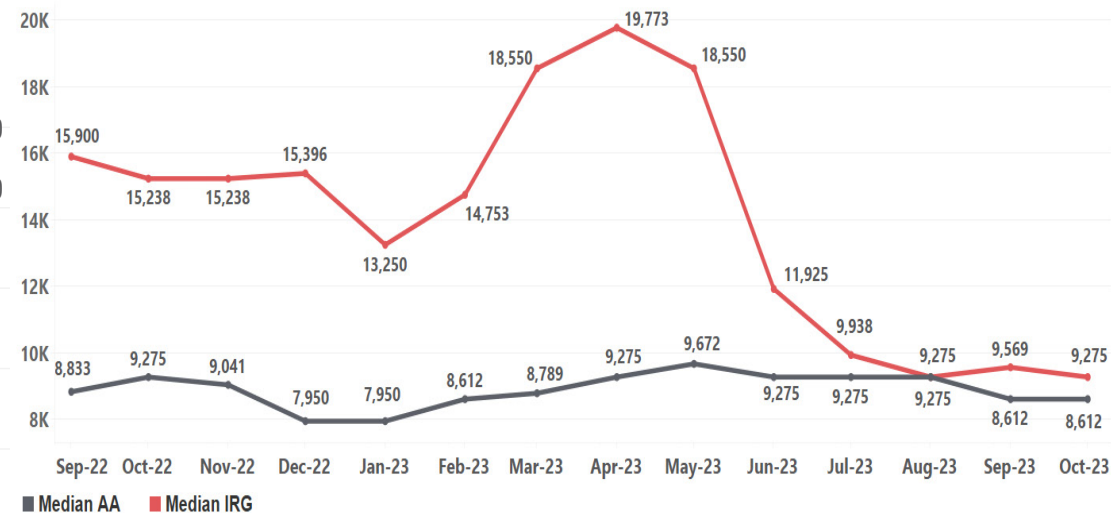
Median Price of Fuel Items in YER, Per Station Type (210)

	Fuel item	YPC/YGC	Commercial	Informal economy
IRG	Petrol (1 L)	1,250	1,250	1,250
	Diesel (1 L)	1,400	1,362	1,500
	Cooking gas (1 cylinder)	9,275	9,275	10,600
AA	Petrol (1 L)	450	450	500
	Diesel (1 L)	450	450	450
	Cooking gas (1 cylinder)	8,612	8,612	9,275

Median Cost Trends for Diesel and Petrol, in YER



Median Cost Trends for Cooking Gas in YER



Availability of monitored items

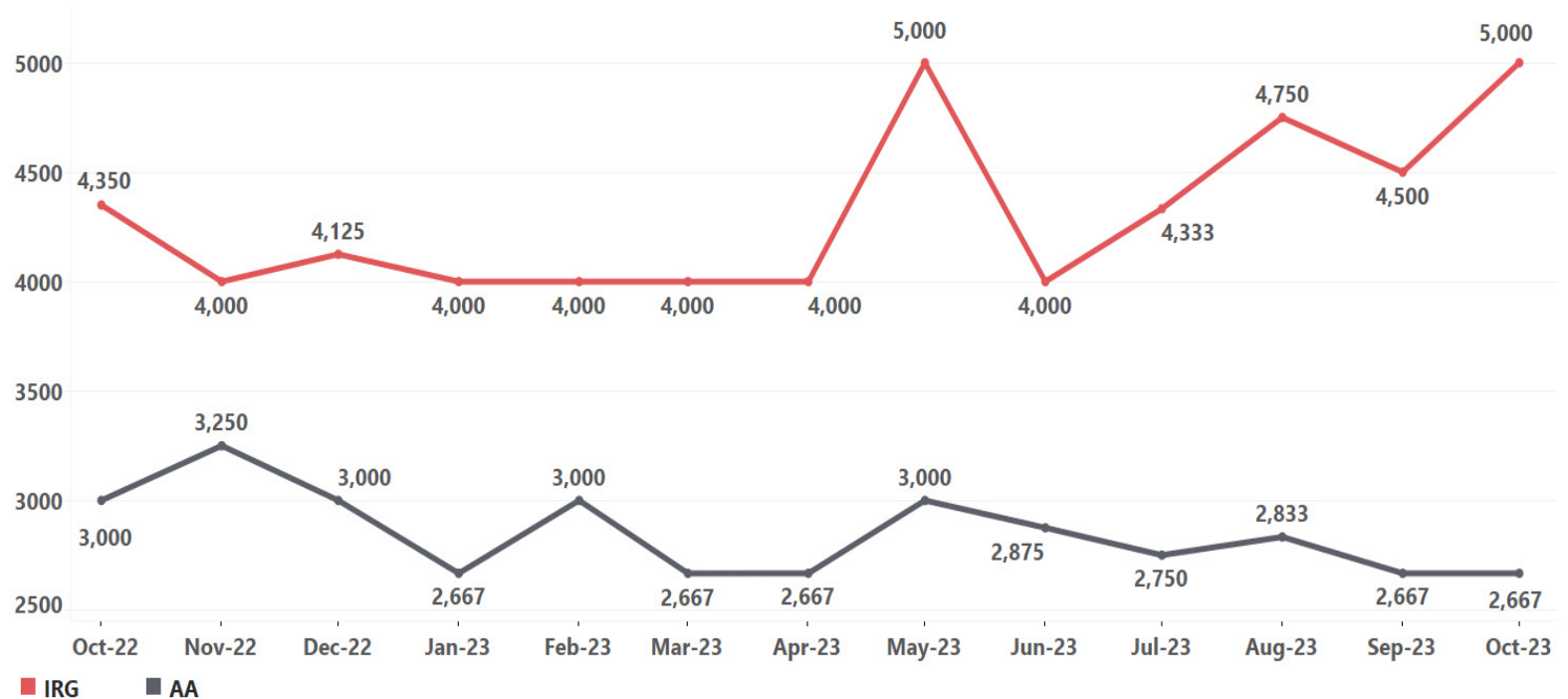
- **38% (80)** of fuel vendor KIIs reported being **unable to meet a 50% increase** of consumer demand for fuel items.
- **10% (22)** of fuel vendor KIIs reported a **shortage** of fuel items in the last 2 weeks prior to data collection. Reported items were:
 - Diesel (15 KIIs)
 - Cooking gas (13 KIIs)
 - Petrol (8 KIIs)

Minimum Daily Wage

Vendors were asked to **estimate the daily wage of casual labourers** in their community. These labourers usually perform basic jobs that do not require formal schooling, and are employed on a daily basis without a contract. Three out of four Yemeni households depend on daily casual labour as their main income source¹³. **The JMIMI aims to measure the typical wage of the lowest earning casual labourer in the area.** Nonetheless, the daily wage of casual labourers **varies** depending on the nature of work, area, and services (e.g., food or transportation). The **median minimum wage** across assessed IRG and AA areas reported by KIs was **4,000 YER per day**.

Comparing wages and the price of basic items provides insight into the relative purchasing power of these labourers. This month, a casual labourer **would need to work for 25 days** to afford the median price of the food component of the MEB¹⁴ in **IRG areas (5,000 YER)**, when earning the median wage reported by the KIs in this area. Whereas in **AA areas (2,667 YER)**, a casual labourer **would need to work for 17 days**.

Median Daily Wage Rate Across Yemen as Estimated by Vendor KIs, in YER



District Level Prices of Monitored Commodities

Governorate	District	MEB - WASH	MEB - Food (dry beans)	MEB - Food (canned beans)	MEB - Total (canned beans)	Petrol 1 L	Diesel 1 L	Cooking gas 1 cylinder	Water Trucking 1 m3	Exchange Rate (YER/1 USD)
Hajjah	Abs	13,638	42,700	45,300	111,470	450	450	8,612	1,500	520
Al Dhale'e	Ad Dhalee	54,114	114,500	125,900	260,699	1,250	1,450	9,739	10,500	1,460
Aden	Al Buraiqeh	23,314	111,975	114,275	227,374	1,250	1,425	9,607	2,500	1,446
Lahj	Al Had	29,939	134,717	137,917	256,741	1,250	1,350	8,612	5,000	1,449
Lahj	Al Hawtah	30,214	120,084	126,584	242,383	1,250	1,350	8,612	5,000	1,466
Al Mahwit	Al Khabt	14,988	40,700	48,300	110,820	450	450	7,950	2,500	513
Al Hudaydah	Al Khawkhah	41,839	NA	121,400	255,324	1,140	1,350	9,275	7,000	1,442
Taizz	Al Maafer	34,864	103,450	107,250	230,399	1,250	1,350	11,262	4,500	1,435
Hajjah	Al Mahabishah	17,485	40,917	50,285	113,534	450	450	6,926	3,000	522
Al Mahwit	Al Mahwait	NA	48,200	55,800	NA	450	450	7,950	NA	518
Aden	Al Mansura	26,109	132,484	131,284	249,478	1,250	1,425	8,944	3,300	1,444
Lahj	Al Maqatirah	26,839	106,450	115,250	225,374	1,300	1,400	10,600	4,000	NA
Taizz	Al Mawasit	34,387	110,764	109,564	236,036	1,200	1,400	11,262	5,500	1,435
Lahj	Al Milah	36,539	129,300	131,700	257,924	1,250	1,400	13,250	5,000	1,452
Taizz	Al Misrakh	27,189	123,600	122,400	241,674	1,250	1,450	10,070	3,000	1,440
Aden	Al Mualla	32,539	121,550	132,550	246,174	1,250	1,150	9,275	5,000	1,455
Taizz	Al Mudhaffar	36,539	131,500	133,900	260,124	1,300	1,450	12,514	5,000	1,446
Taizz	Al Mukha	39,789	NA	116,917	248,791	1,135	1,350	9,275	7,000	1,442
Taizz	Al Qahirah	32,937	131,200	133,600	256,222	1,300	1,450	12,146	4,666	1,450
Sana'a City	Al Wahdah	11,773	43,710	42,730	109,635	450	450	8,612	1,400	518
Taizz	Al Waziiyah	37,689	NA	121,400	251,174	1,140	1,350	9,275	6,000	1,442
Amran	Amran	23,113	43,726	47,826	121,971	450	450	8,612	5,000	522
Sana'a City	As Sabain	12,127	45,820	44,340	111,599	450	450	8,612	1,429	518
Al Hudaydah	As Sukhnah	17,063	34,350	42,950	106,545	450	500	9,938	3,000	518
Hajjah	Ash Shaghadirah	NA	NA	NA	NA	450	450	10,600	NA	520
Aden	Ash Shaikh Outhman	32,142	120,450	125,850	244,677	1,250	1,500	9,275	5,000	1,443
Taizz	Ash Shamayatayn	47,244	117,050	119,450	256,379	1,225	1,350	11,262	7,500	1,439
Al Dhale'e	Ash Shuayb	46,086	NA	NA	NA	1,250	1,450	9,275	10,000	1,445
Hajjah	Aslem	13,638	42,700	45,300	111,470	450	450	8,612	1,500	520
Al Hudaydah	At Tuhayat	NA	NA	138,550	NA	1,150	1,250	25,175	NA	1,435
Sana'a City	Aththaorah	12,251	39,350	43,650	106,733	450	450	8,612	1,385	520
Aden	Attawahi	NA	121,550	132,550	NA	1,250	1,150	9,275	NA	NA
Sana'a City	Azzal	12,823	39,050	43,650	107,005	450	450	8,612	1,400	519
Al Hudaydah	Bajil	16,398	54,550	61,150	126,080	450	450	9,275	3,000	519
Sana'a City	Bani Al Harith	12,823	39,850	44,450	107,805	450	450	8,612	1,400	519
Al Hudaydah	Bayt Al Faqiah	16,398	54,550	61,150	126,080	450	450	9,275	3,000	519

District Level Prices of Monitored Commodities

Governorate	District	MEB - WASH	MEB - Food (dry beans)	MEB - Food (canned beans)	MEB - Total (canned beans)	Petrol 1 L	Diesel 1 L	Cooking gas 1 cylinder	Trucked water 1 m3	Exchange Rate (YER/1 USD)
Hajjah	Hajjah City	NA	48,450	49,050	NA	450	475	7,950	NA	530
Al Hudaydah	Hays	NA	NA	110,714	NA	1,100	1,350	9,569	6,400	1,458
Amran	Jabal Iyal Yazid	13,112	50,715	51,325	118,959	450	450	8,612	1,333	528
Abyan	Khanfir	35,310	110,650	115,050	238,339	1,150	1,525	8,432	4,500	1,412
Aden	Khur Maksar	48,289	122,350	133,350	263,018	1,095	1,250	9,275	10,000	1,445
Sana'a City	Maain	11,404	43,620	42,640	109,176	450	450	8,612	1,429	526
Marib	Marib City	24,399	119,383	120,983	236,161	175	175	7,361	1,400	1,464
Taizz	Mawza	52,264	NA	126,333	270,976	1,080	1,400	9,938	10,000	1,460
Al Dhale'e	Qatabah	39,600	105,429	103,249	235,228	1,200	1,550	7,950	8,000	1,421
Taizz	Sabir Al Mawadim	27,322	122,100	121,900	241,601	1,250	1,450	9,938	2,550	1,448
Taizz	Salh	32,039	129,112	127,912	252,330	1,250	1,400	11,925	4,500	1,460
Lahj	Tuban	37,238	112,350	118,500	241,967	1,105	1,450	9,275	6,667	1,456
Hajjah	Washhah	NA	35,950	47,582	NA	500	600	NA	NA	NA
Lahj	Yafaa	34,114	160,417	161,417	286,910	1,150	1,200	15,900	6,000	1,460
Abyan	Zingibar	21,064	108,514	109,314	221,957	1,175	1,525	13,250	2,000	1,440

Methodology

Data for the JMMI is collected at the beginning of each month through structured surveys with Key Informants (KIs) in urban and rural marketplaces. KIs are purposefully selected and enumerators are instructed to visit at least three different vendors per monitored item and obtain the cheapest price per item in each monitored location. The interviews are conducted by partner organisations using a harmonised data collection tool. Following data collection, REACH compiles and cleans the data through detailed follow-up with partners.

To be assessed by the JMMI, marketplaces must be either a single permanent market, or multiple commercial areas located in close proximity to one another. When possible, marketplaces are selected where there is at least one wholesaler operating in the market. Participating organisations are trained on the JMMI methodology and survey by REACH.

REACH presents district level median prices using data from the KIs within that district. Governorate, IRG-controlled areas, AA-controlled areas and national level data (including MEBs) are aggregated from the district medians of the respective assessed districts. In disputed districts, the median of IRG and AA controlled areas lumpsum is used to calculate the total MEB in that district (=64665). The market functionality indicators are analysed using frequency percentages.

Findings are indicative of the assessed locations and time frame in which the data was collected. Districts represented in the JMMI are subject to change depending on the capacity and availability of the data collection partners. Therefore, the markets and the districts included in the JMMI will vary on a monthly basis, which ultimately influences longitudinal analysis.

MEB Calculation

- Before September 2022, the 2020 CMWG SMEB Guidance Note was applied, in which the MEB was called 'survival minimum expenditure basket' (SMEB)⁵
- Since September 2022, REACH calculates the cost of the MEB following the updated CMWG MEB guidance note from 2022⁴.
- The cost of the monthly total MEB for a household of 7 is calculated by adding the cost of the WASH and food MEB components, the cost of 1 cylinder of cooking gas, and the lump sum values for shelter, health and services.
- The price of the food component, also referred to as Minimum Food Basket (MFB), is calculated using data collected in the JMMI.
- The WASH component is calculated using JMMI data plus a lump sum amount for water treatment tablets.
- The cost of cooking gas is added to the total MEB reflecting the updates in the last CMWG MEB guidance note from September 2022. CMWG guidance note on September 2022. Starting in June 2023, the cost of cooking gas cylinder has been calculated using medians per district as all other items from the current round instead of calculating the median from September 2022 until the current round.
- Following data collection, REACH compiles and cleans all partner data and checks for entry errors and outliers.
- Percentage changes of prices are calculated by comparing the two medians of the relevant time series and aggregation level. More details on the methodology can be found in the [JMMI terms of reference \(ToR\)](#).

Challenges and Limitations

- Due to issues of access, security and partner capacity, the districts included in the JMMI vary on a monthly basis. Consequentially, there is a limited number of districts for which trends can be consistently assessed over time.
- Part of the reported month-to-month price percentage variation may be attributed to changes in monthly coverage.
- While enumerators are instructed to collect at least three prices per monitored item, this is not always possible due to less available vendors, items and markets in assessed districts.
- MEB components are dependent on the MEB guidance from the CMWG and the Food Security and Agriculture Cluster (FSAC). In consequence of a new CMWG MEB guidance note, part of the change in total MEB and WASH MEB between August and September 2022 is due to a change in MEB components and lump sum values.
- Findings are indicative for the locations assessed and not geographically representative for the whole of Yemen.
- It is recommended to refer to the [Interactive JMMI Dashboard](#) for longitudinal trends and historic data, as adjustments to the data or methodological improvements are updated there and not always in the previous situation overviews.
- The market monitoring process has been coordinated remotely by REACH, which presents some challenges in terms of coordination and follow-up with partners.
- Interviewed vendors do not provide price quotations for all monitored items due to the different nature of the monitored items and difference in inventories.

JMMI Outputs 2023

Situation Overviews

[January](#)

[February](#)

[March](#)

[April](#)

[May](#)

[June](#)

[July](#)

[August](#)

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Datasets

[January](#)

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[March](#)

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[August](#)

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[October](#)

JMMI Situation overviews & datasets can be accessed through the [Interactive Dashboard](#)

Endnotes

1. IRG refers to areas under nominal control of the Internationally Recognized Government, including the Southern Transitional Council (STC). AA refers to areas under nominal control of the de facto authorities (Ansar Alla).
2. The World Bank. October 2023. [Yemen Economic Monitor Highlights Ongoing Challenges Amid Renewed Hope](#)
3. Sana'a Resource centre. June 2023. Houthis Ban Locally Produced Cooking Gas.
4. CMWG. 2022. [Yemen Minimum Expenditure Basket: Operational Guidance Note](#). Lump sum values in YER are in IRG: 53,500 (shelter), 20,410 (health), 2,300 (transport), 7,935 (communication), 539 (water treatment tablets). In AA: 27,825 (shelter) 10,878 (health), 1,650 (transportation), 6,958 (communication), 288 (water treatment tablets).
5. CMWG. 2020. [Guidance Note: The survival minimum expenditure basket and setting transfer values](#). Lump sum value was in total 50,600 YER in IRG and 44,000 YER in AA.
6. Unless indicated otherwise, REACH utilizes the price of canned beans.
7. REACH utilizes the price of trucked water.
8. Part of the change in the price of the total MEB between August and September 2022 is due to the change in MEB components.
9. Not all vendors facing constraints reported up to three constraints.
10. Not all vendors facing constraints reported up to three constraints.
11. Based on the contextual feedback from vendors and data collection partners.

As well as, to maintain the monthly monitoring of fuel, the enumerators were instructed to visit informal markets in case the closure of stations affiliated with the Yemen Petroleum Company (YPC) during the period of data collection.

12. Enumerators are instructed to only visit the informal market if there is no other fuel station available.

13. OCHA. [Yemen Multi-Cluster Location Needs Assessment. 2022](#).

14. The food MEB serves the basic food needs of a household of 7 people for one month.

About the CMWG

The Yemen Cash Working Group (CWG), established in 2014, is an essential coordination platform to support CVA actors to facilitate their programs and advocate for strategic objectives. . Currently, the CMWG is a sub-working group under the Intercluster Coordination Mechanism (ICCM) chaired by the United Nations Office for Coordination of Humanitarian Affairs (UNOCHA) and the Cash Consortium Yemen (CCY).

About REACH

REACH facilitates the development of information tools and products that enhance the capacity of aid actors to make evidence-based decisions in emergency, recovery and development contexts. The methodologies used by REACH include primary data collection and in-depth analysis, and all activities are conducted through inter-agency aid coordination mechanisms. REACH is a joint initiative of IMPACT Initiatives, ACTED and the United Nations Institute for Training and Research - Operational Satellite Applications Programme (UNITAR-UNOSAT).

For more information please visit our website and contact impact.yemen@impactinitiatives.org for inquiries about Yemen JMMI.

For more information about IMPACT, please visit our [website](#), an sign up to our IMPACT quarterly newsletter or contact us directly at: geneva@reach-initiative.org and follow us on Twitter (X): [@REACH_info](#).

Participating agencies

