

# YEMEN | JOINT MARKET MONITORING INITIATIVE (JMIMI)

January 2024

## INTRODUCTION

The Yemen Joint Market Monitoring Initiative (JMIMI) 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 JMIMI is to support humanitarian actors with the harmonization of market monitoring and to produce information products for evidencebased **Cash and Voucher Assistance (CVA)** and **market-based programming (MBP)**.

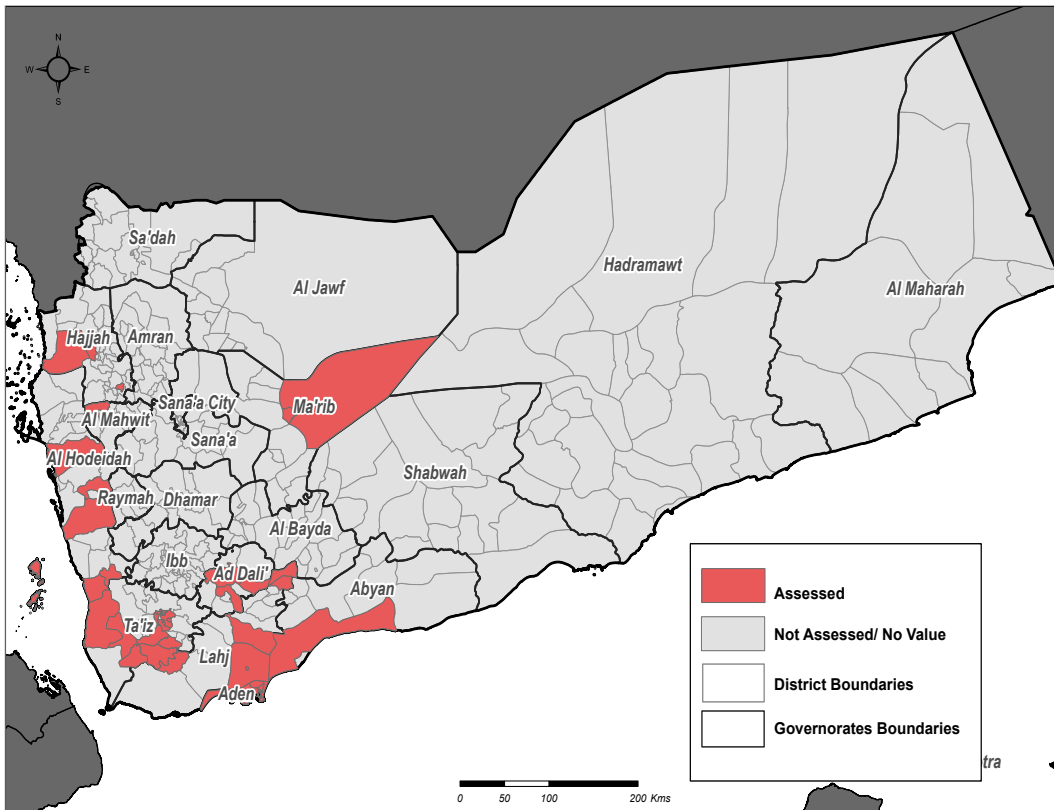
The JMIMI tracks the price and availability of all components of the WASH and food Minimum Expenditure Basket (MEB), as well as other food

and non-food items. In addition, **the JMIMI monitors the functionality of the markets** by assessing the supply chain and vendors' perceptions of the market and their businesses.

**This JMIMI Situation Overview presents the findings of January 2024, collected between 7 - 18 January from 128 markets.**

**Due to capacity constraints, data collection in December 2023 was only conducted in 6 districts. To enable a comprehensive comparison, January 2024 data presented in this Situation Overview is compared with November 2023 data.**

## ASSESSED DISTRICTS



## KEY FINDINGS

- In markets evaluated within Government of Yemen-controlled areas (GoY), the price of the food component of the Minimum Expenditure Basket (MEB) has slightly decreased compared to November 2023.** This decrease has persisted despite fluctuations in market coverage since November 2023, largely influenced by a volatile exchange rate. Additionally, certain items such as dry kidney beans and lentils are experiencing low demand from the community. **In Ansar Allah-controlled areas (AA), has slightly decreased compared to November 2023. Additionally, a significant drop in the median cost of the food component of the MEB has been noted compared to the last MEB revision in September 2022.** This decline can primarily be attributed to the implementation of new price caps and variations in JMIMI coverage.
- This month, the median cost of the **WASH component** of the MEB witnessed an **increase in AA areas** while **slightly decreased in GoY areas.** In both areas, the price change may stem from fluctuating JMIMI coverage and lack of demand for water trucking due to people's reliance on well water, which is free of charge.
- In GoY areas, the median price of one cylinder of cooking gas** has experienced an **increase** compared to November 2023, along with a noticeable **drop** from the last MEB transfer value revision. Conversely, in **AA areas, prices have remained stable compared to November 2023** and have **slightly decreased compared to the last MEB revision.** In addition, it is noticed that the median price returned to increase in GoY assessed areas since August 2023 likely due to the unstable exchange rate and / or verity of the source type. Most interviews were conducted with vendor KIs from commercial stations, with free price setting, as opposed to the YPC affiliated stations.

## KEY INDICATORS

### Exchange Rates

1,514 YER/USD GoY Parallel market ▼ -1%	530 YER/USD AA Parallel market 0%	530 YER/USD Official market (Central Bank of Yemen, Aden)
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### Key Changes In MEB

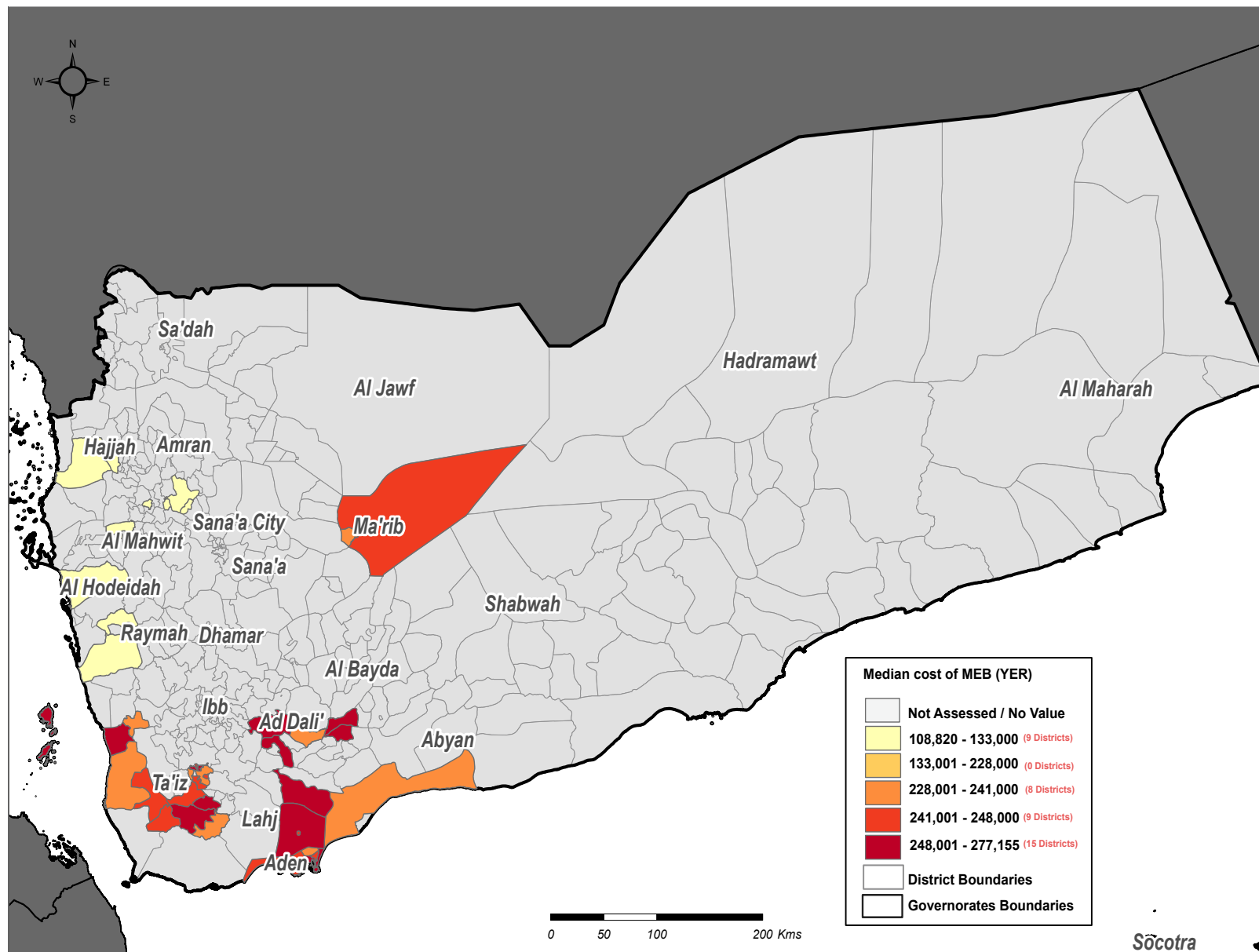
	Median cost of total MEB November 2023 - January 2024		
GoY	▼ 247,580 YER	-2%	
AA	▼ 114,070 YER	-1%	
<b>Food MEB</b>	<b>GoY</b>	<b>GoY</b>	<b>GoY</b>
	▼ -1%	▼ -3%	▲ +10%
	<b>AA</b>	<b>AA</b>	<b>AA</b>
	▼ -1%	▲ +13%	0%

### Market Shortages

Fuel items: cooking gas, petrol, diesel

14	Participating agencies
10	Assessed governorates
47	Assessed districts
943	Key informant interviews (KIIs)
99	Markets in GoY-controlled areas
29	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 JMMI 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 2022<sup>3</sup>, REACH calculates the cost of the MEB following the updated CMWG guidance.

### Food Items

Wheat flour	75 kg
Kidney beans	10 kg <sup>5</sup>
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 <sup>6</sup>	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

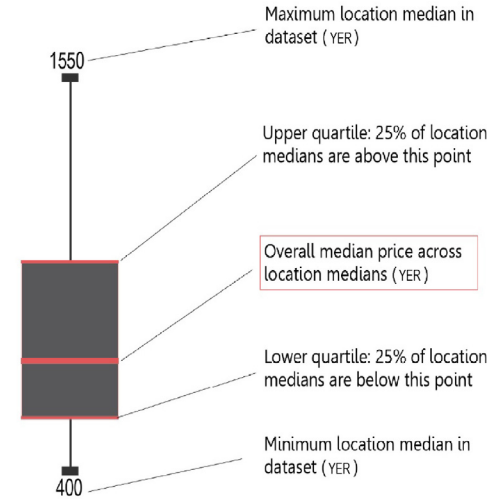
GoY	▼ 247,580 YER	-2%
AA	▼ 114,070 YER	-1%

## District Median Prices of MEB Components, in YER

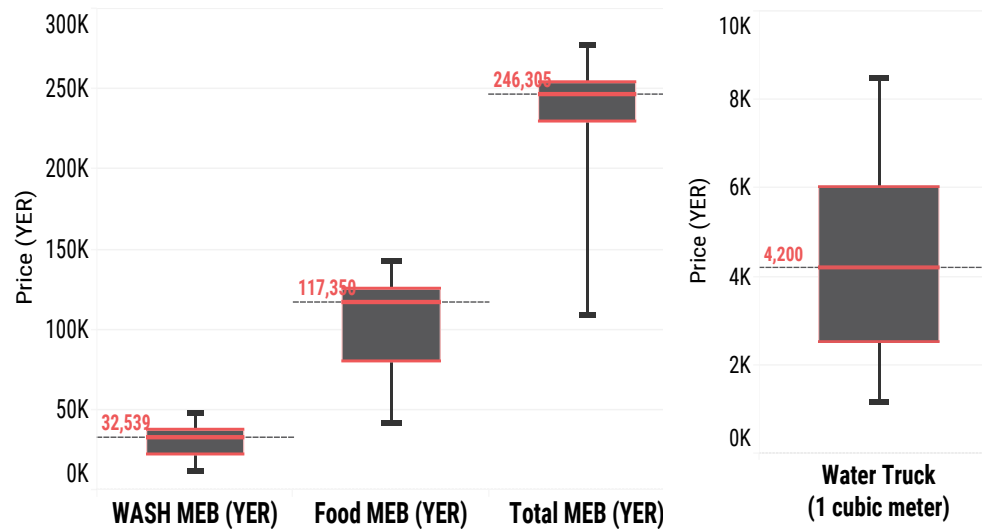
Location*	Median Price of Total MEB	Change since November 2023
<b>Abyan</b>		
Khanfir	228838	▼-7.39%
<b>Aden</b>		
Al Buraiqeh	247630	▼-1.57%
Al Mansura	248300	▼-12.49%
Al Mualla	259880	▲0.38%
Ash Shaikh Outhman	247380	▼-5.14%
Craiter	259880	▲0.38%
Dar Sad	240965	▼-4.48%
Khur Maksar	255706	▲1.87%
<b>Al Dhale'e</b>		
Ad Dhalee	277155	▲10.59%
Ash Shuayb	232056	▼-0.66%
Qaatabah	261704	▲4.79%
<b>Al Hudaydah</b>		
Al Khawkhah	259447	▲5.71%
As Sukhnah	121845	▲6.56%
Bajil	130680	▼-1.51%
Bayt Al Faqiah	132680	0%
Hays	229415	▲0.46%
<b>Al Mahwit</b>		
Al Khabt	112931	▼-3.27%
<b>Amran</b>		
Amran	108820	▼-13.56%
Jabal Iyal Yazid	108820	▼-13.08%
<b>Hajjah</b>		
Abs	114070	▼-0.24%
Aslem	113270	▼-0.7%
<b>Lahj</b>		
Al Had	262672	▼-19.53%
Al Hawtah	246305	▼-10.52%
Al Maqatirah	238880	▼-4.29%
Al Milah	252880	▲0.04%
Tuban	253530	▼-1.17%
Yafaa	266772	▼-18.83%
<b>Marib</b>		
Marib	241388	▲2.38%
Marib City	239546	▲6.04%
<b>Taizz</b>		
Al Maafer	243555	▲3.67%
Al Mawasit	251831	▲4.05%
Al Misrakh	246905	▼-1.77%
Al Mudhaffar	260780	▼-1.12%
Al Mukha	239230	▼-5.27%
Al Qahirah	245217	▼-3.95%

Location*	Median Price of Total MEB in YER	Change since November 2023
<b>Taizz</b>		
Al Waziyah	248300	▼-2.08%
Ash Shamayatayn	255005	▼-1.4%
Mawza	247347	▼-2.33%
Sabir Al Mawadim	239205	▼-0.89%
Salh	252303	▼-2.5%
<b>Total</b>	<b>246 305</b>	<b>▲0.35%</b>

## How to Read a Boxplot



## National Median Prices of MEB Components, in YER\*



## Median Prices of Assessed Items, in YER

Assessed items	Median Prices in GoY	Change since November 2023	Median Prices in AA	Change since November 2023
<b>Total MEB (canned beans)</b>	247,580	-2%	114,070	-1%
<b>MEB - WASH</b>	33,552	-3%	14,778	+13%
Soap	450	0%	140	-18%
Laundry powder	350	-8%	135	-10%
Sanitary napkins	1,300	+4%	600	+9%
Water trucking	5,000	0%	2,500	+67%
<b>Non- WASH MEB</b>				
Bottled water	225	+12%	130	+30%
Treated water	225	0%	250	+67%
Bleach	1,500	-9%	1,000	+11%
<b>MEB - Food (canned beans)</b>	123,417	-1%	44,900	-1%
<b>MEB - Food (dry beans)</b>	118,683	-3%	41,880	-2%
Wheat flour	900	0%	300	0%
Canned kidney beans	900	0%	350	0%
Dry kidney beans	2,600	-4%	1,000	+11%
Vegetable oil	2,600	-4%	1,000	+3%
Sugar	1,500	+5%	500	0%
Salt	300	+50%	150	-10%
<b>Non- Food MEB</b>				
Rice	2,200	+16%	900	+24%
Lentils	2,225	-3%	800	-11%
Potatoes	800	-20%	300	-33%
Onions	1,800	+29%	550	+10%
<b>Fuel</b>				
Cooking gas	10,931	+10%	8,612	0%
Petrol	1,325	+2%	475	+6%
Diesel	1,300	-10%	475	+6%

\* 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

- **Price variations in GoY** areas are notably influenced by **exchange rate fluctuations and transportation/fuel costs**. Particularly, seasonal products sourced from different cities are sensitive to these factors, leading to observable shifts in pricing.
- Since December 2022, **the Ministry of Industry and Trade has made adjustments to price caps** on essential commodities such as wheat flour, vegetable oil, and canned kidney beans, **impacting market prices**. This has influenced a **decrease in prices**.
- **According to enumerators and Key Informants (KIs), the export of onions from Yemen to outside countries resumed** this month after a period of delay. As a result, **onion prices have increased** compared to last month.

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

GoY	▼123,417 YER	-1%
AA	▼44,900 YER	-1%

### Availability of Monitored Food Items

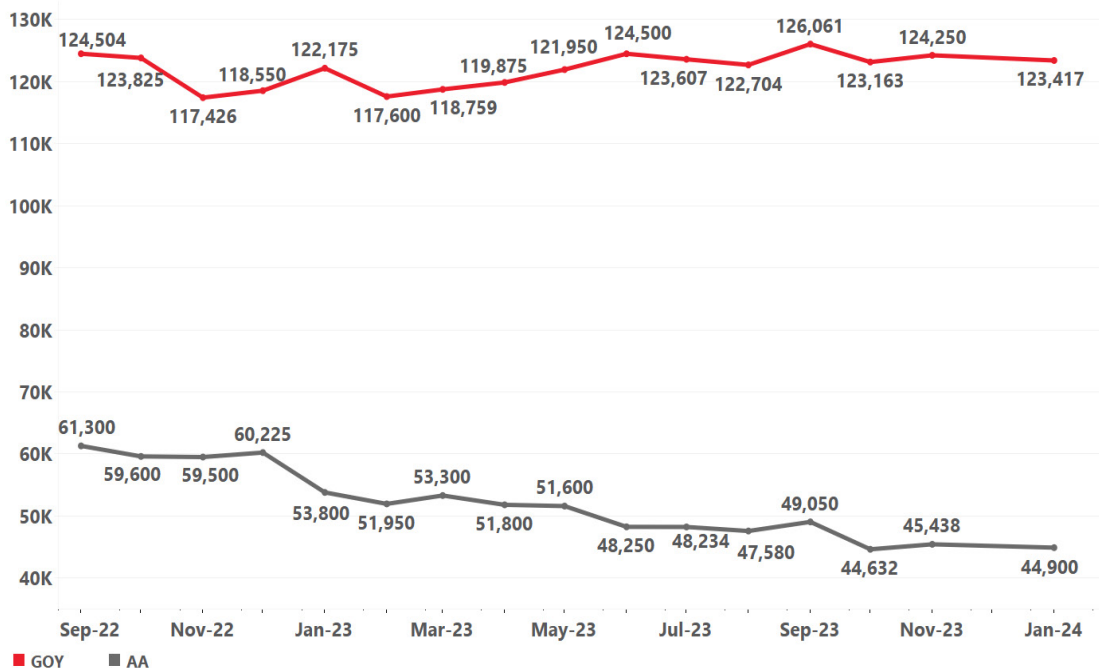
- **16% (37) of food vendor KIs** reported being unable to meet a 50% increase in consumer demand for food items.
- **2% (4) of food vendor KIs** reported a shortage of food items in the last 2 weeks prior to data collection. Most commonly reported items were:
  - **Onions** (2 KIs)
  - **Wheat flour** (2 KIs)
  - **Rice** (1 KIs)

### Constraints Reported by Food Vendors (229)

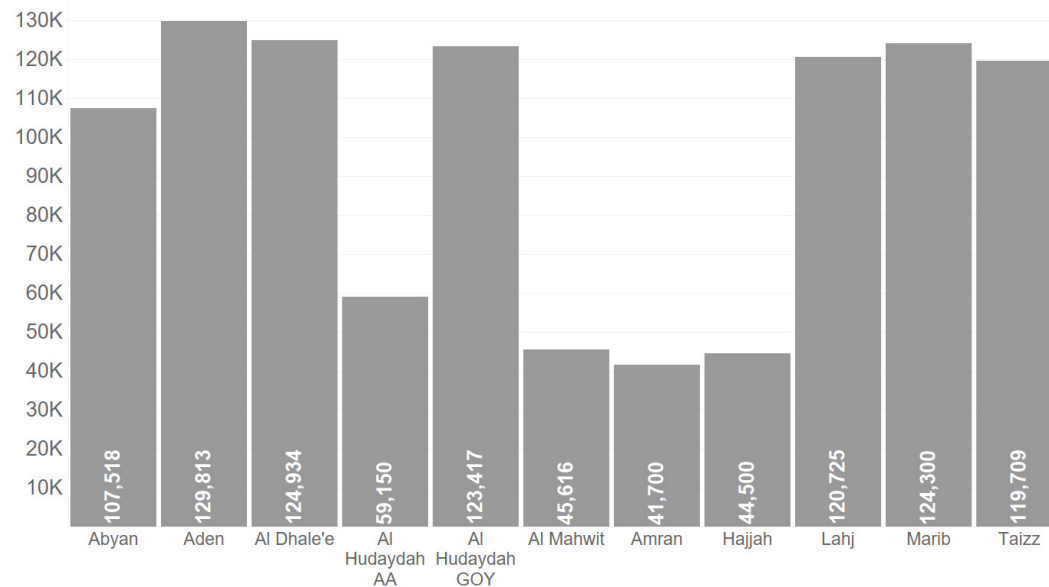
**Around 47%** of the interviewed food vendors reportedly face constraints in keeping their business operational and well-stocked. During the **previous month**, this figure **stood at 50%**. In January 2024, most commonly reported constraints were<sup>8</sup>:

	1st choice	2nd choice	3rd choice
Price inflation	67%	7%	12%
High fuel prices	10%	12%	30%
Liquidity shortage	7%	21%	2%
Movement restrictions	6%	9%	0%
Decline in consumer demand	5%	5%	7%
Regulations from authorities	4%	8%	5%
Difficulty finding supplies	1%	1%	4%
Damage on the road	1%	16%	2%
Fuel shortage	0%	7%	4%
Damage at the marketplace	0%	2%	2%
Electricity cuts	0%	1%	4%
Insecurity and instability	0%	1%	1%
Increase in consumer demand	0%	1%	1%

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



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



### WASH MEB Findings

- Compared to the last round of data collection in AA areas, the increase in WASH MEB median price was primarily driven by the change in JMMI coverage and lack of control over pricing according to vendor KIs.
- This month, the median price variation was primarily influenced by the unstable exchange rate of the Yemeni Riyal in the assessed markets in GoY areas. To add, enumerators and vendor KIs reported that some water trucking services were deliberately not provided due to low demand in markets due to consumer dependency on getting water from wells (projects) that are free of charge.
- Over the last year, there were challenges in monitoring the prices of water trucking, sanitary napkins, and treated water due to the low rate of demand by the community, leading to less presence in sales.

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

GoY	▼33,552 YER	-3%
AA	▲14,778 YER	+13%

### Availability of Monitored WASH Items

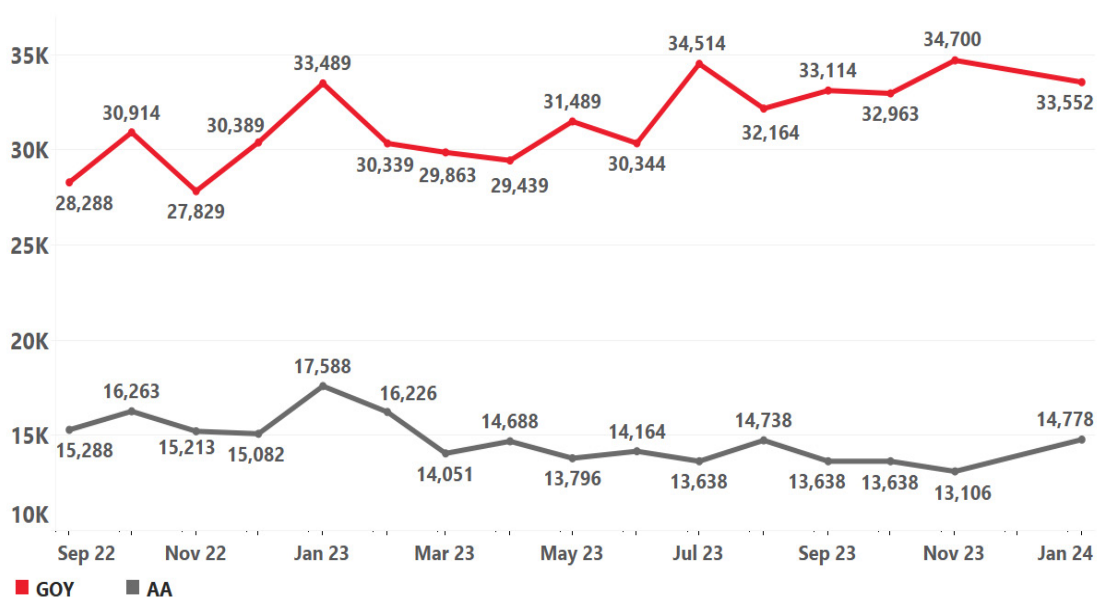
- 16% (36) of WASH vendor KIs reported being unable to meet a 50% increase in consumer demand for WASH items.
- 20% (33) of water trucking vendor KIs reported being unable to meet a 50% increase in consumer demand for water trucking.

### Constraints Reported by WASH vendors (225)

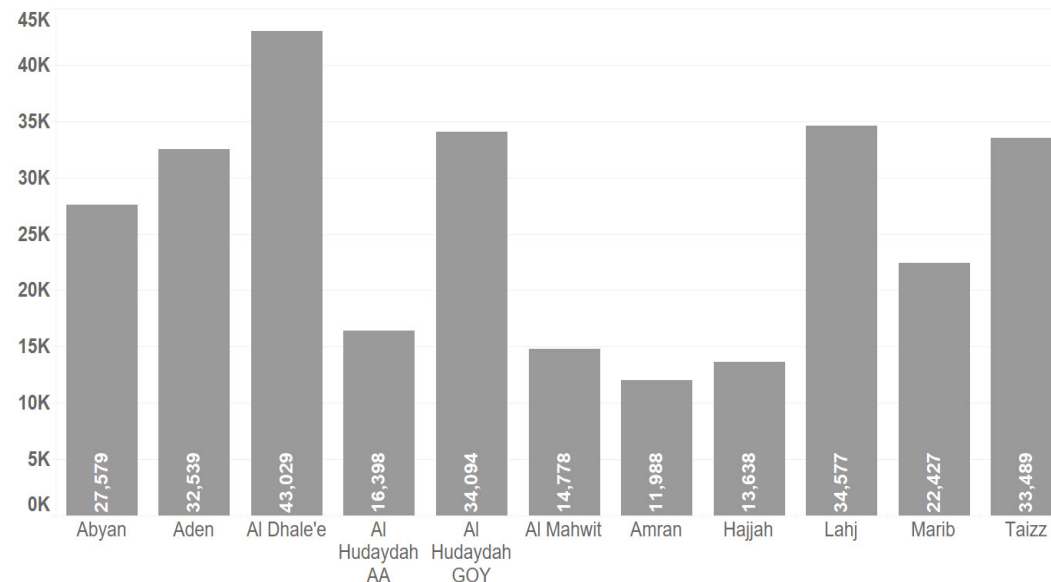
Around 39% of the interviewed WASH vendors reportedly face constraints in keeping their business operational and well-stocked. During the previous month, this proportion was 39%. In January 2024, most commonly reported constraints were:

	1st choice	2nd choice	3rd choice
Price inflation	64%	9%	11%
High fuel prices	10%	13%	24%
Liquidity shortage	7%	21%	1%
Movement restrictions	6%	9%	2%
Decline in consumer demand	5%	5%	7%
Damage on the road	5%	16%	2%
Difficulty finding supplies	2%	1%	2%
Regulations from authorities	1%	2%	3%
Fuel shortage	0%	11%	5%
Electricity outage	0%	1%	1%
Insecurity and instability	0%	0%	1%

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



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



### Water Trucking (1 m<sup>3</sup>)

GoY	5,000 YER	0%
AA	▲ 2,500 YER	+67%

### Constraints Reported by Water Trucking Vendors (165)

50% of the interviewed water trucking vendors reportedly faced constraints in keeping their business operational and well-stocked. **During the previous month, this proportion was 45%.** Most commonly reported constraints were<sup>10</sup>:

	1st choice	2nd choice	3rd choice
High fuel prices	37%	22%	14%
Price inflation	33%	5%	7%
Damage on the road	8%	7%	7%
Decline in consumer demand	6%	2%	5%
Fuel shortage	5%	6%	4%
Difficulty finding supplies	4%	2%	1%
Electricity cuts	2%	2%	2%
Other	2%	1%	0%
Increase in consumer demand	1%	4%	2%
Movement restrictions	1%	6%	1%
Liquidity shortage	0%	6%	4%
Damage at the marketplace	0%	1%	0%
Regulations from authorities	0%	0%	1%

Chlorination rate	Percentage
Not chlorinated	56%
Chlorinated	35%
Do not know	10%

Water source	Percentage
Pumping Station or Borehole	79%
Water Spring	11%
Treatment Station	10%

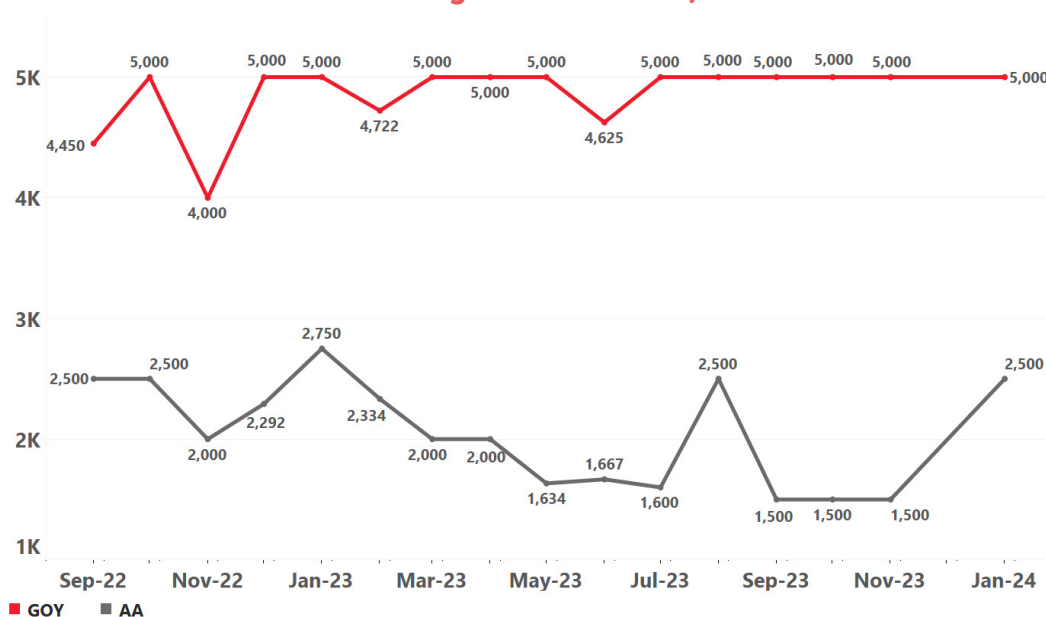
### Median Cost of Exchange Rate, Per Region

GoY	▼ 1,514 YER /USD	-1%
AA	530 YER/USD	0%

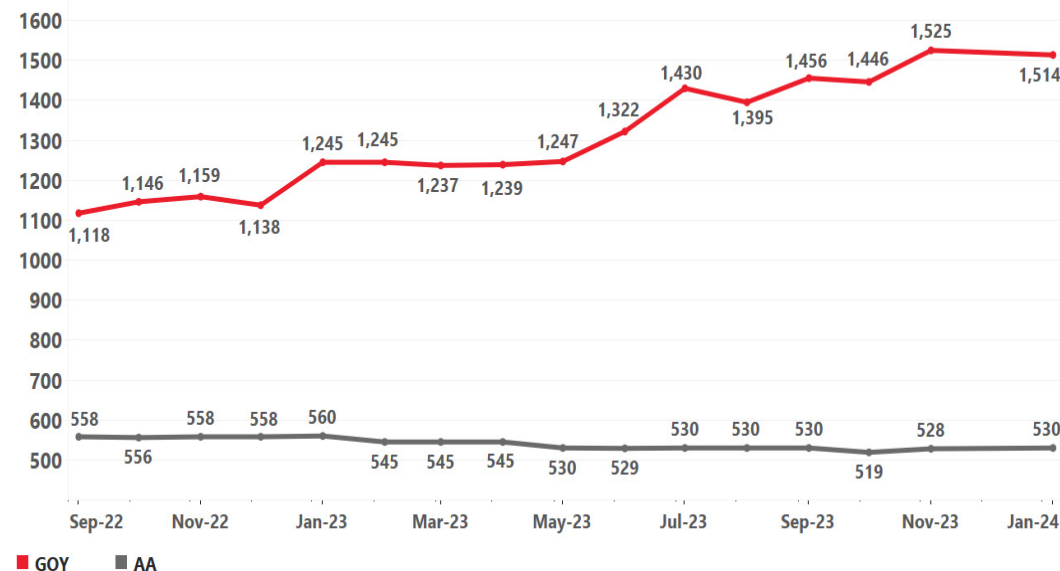
#### Notes on Monitored Exchange Rate

- The **governorate** with the **highest** recorded exchange rate was **Al Dhale'e** governorate (1,532 YER/USD).
- **According to enumerators**, the exchange rate has a major effect on the price changes as vendors in **GoY-controlled areas** relate the YER exchange rate to set prices of items or services.

### Median Cost of Water Trucking in GoY and AA, in YER



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



### Findings of Monitored Fuel Items

- Based on vendor KIIs, price changes stem from the unstable exchange rate, obtaining prices from different types of stations (Yemen Petroleum Company (YPC), commercial & informal markets) and due to fuel availability.
- The variation in price changes in GoY and AA areas is due to coverage changes leading to fuel price changes.
- Out of the 185 KIIs conducted this month, 31% took place at stations affiliated with YPC or Yemen Gas Company (YGC), 67% at commercial stations, and 2% on the informal market<sup>11</sup>.

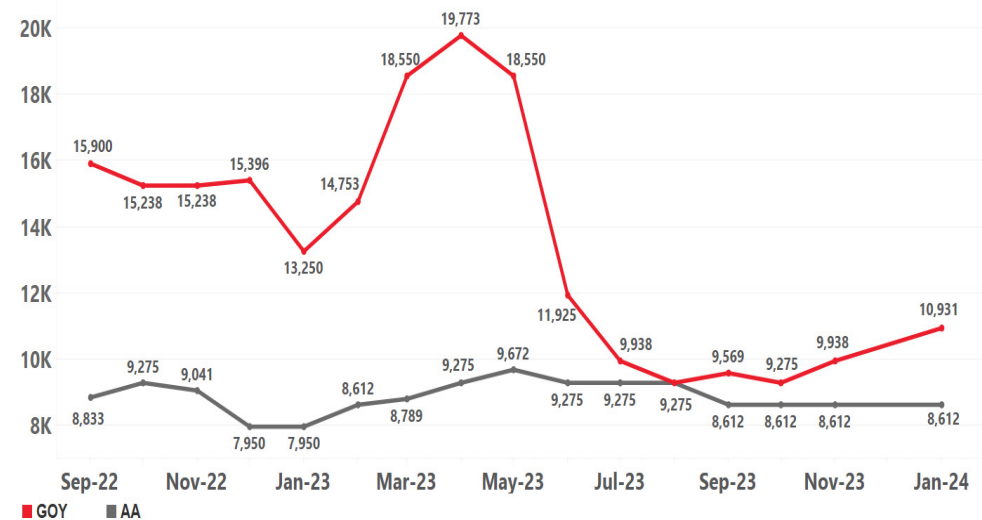
### Median Cost of fuel and % change compared to November 2023

Petrol (1 L)	Diesel (1 L)	Cooking gas (1 cylinder)
<b>GoY</b>	<b>GoY</b>	<b>GoY</b>
▲ 1,325 YER +2%	▼ 1,300 YER -10%	▲ 10,931 YER +10%
<b>AA</b>	<b>AA</b>	<b>AA</b>
▲ 475 YER +6%	▲ 475 YER +6%	8,612 YER 0%

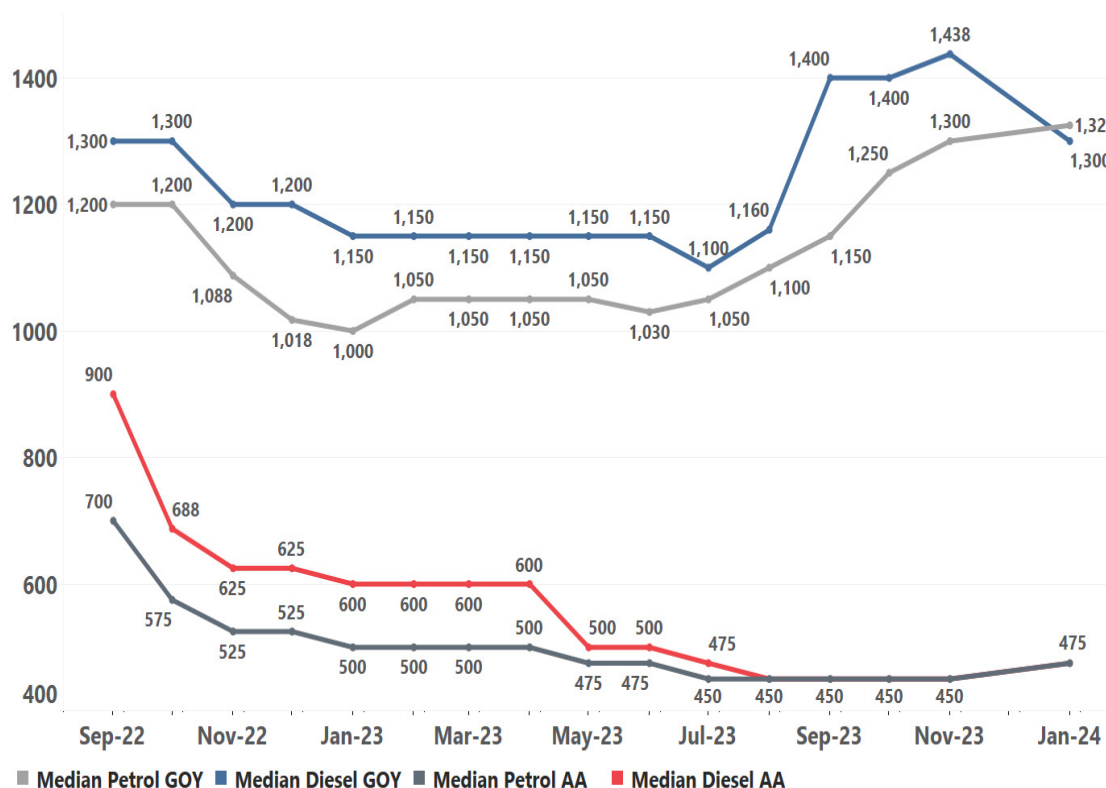
### Median Price of Fuel Items in YER, Per Station Type (185)<sup>12</sup>

	Fuel item	YPC/YGC	Commercial	Informal economy
GoY	Petrol (1 L)	1,275	1,310	1,400
	Diesel (1 L)	1,350	1,300	1,350
	Cooking gas (1 cylinder)	10,600	11,262	10,998
AA	Petrol (1 L)	475	475	500
	Diesel (1 L)	500	475	500
	Cooking gas (1 cylinder)	8,612	8,612	NA

### Median Cost Trends for Cooking Gas in YER



### Median Cost Trends for Diesel and Petrol, in YER



### Availability of monitored items

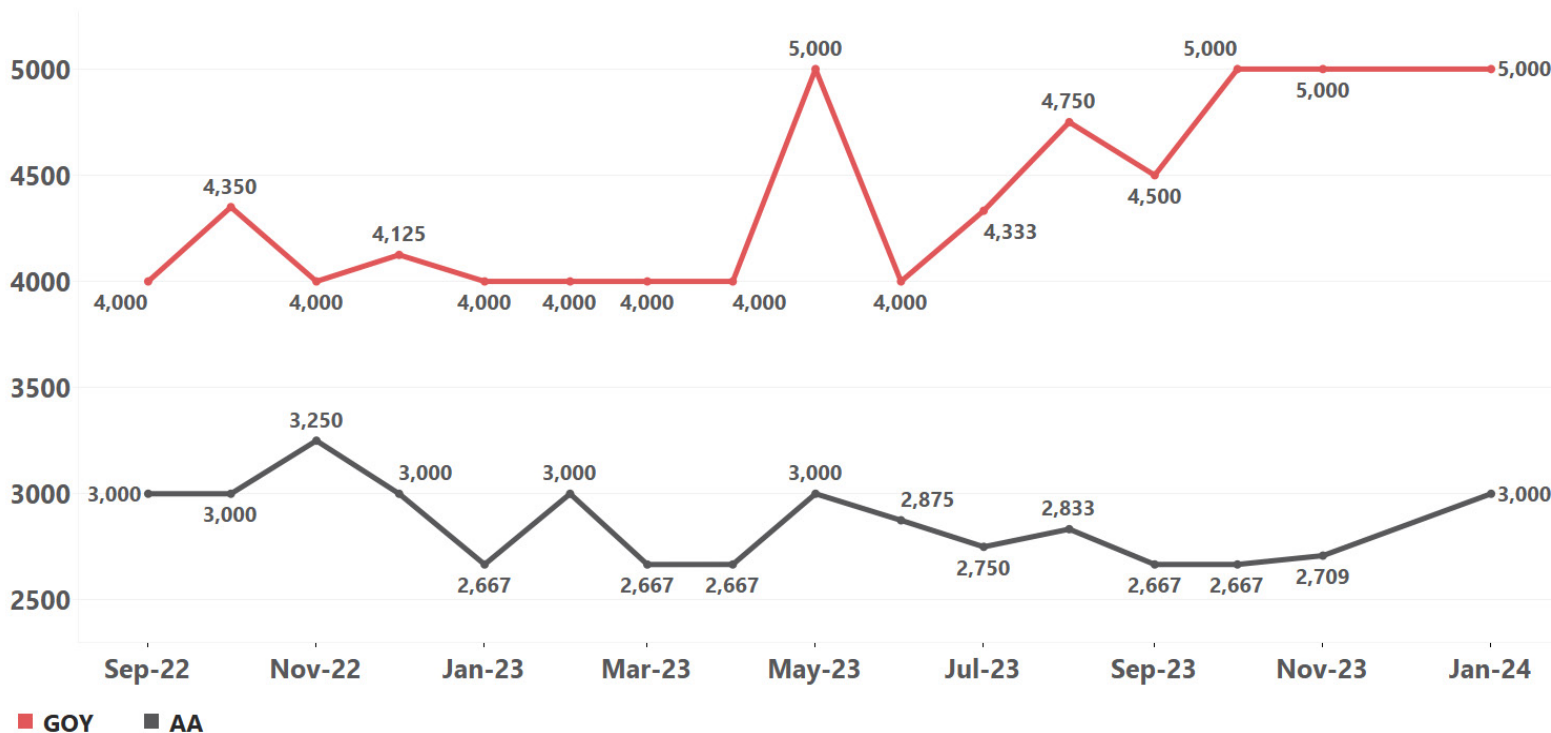
- 30% (56) of fuel vendor KIIs reported being unable to meet a 50% increase of consumer demand for fuel items.
- 13% (24) of fuel vendor KIIs reported a shortage of fuel items in the last 2 weeks prior to data collection. Reported items were:
  - Diesel (15 KIIs)
  - Petrol (13 KIIs)
  - Cooking gas (11 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 source<sup>13</sup>. The JMMI 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 reported by KIs was 5,000 YER per day, referring to the national level.

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 MEB<sup>14</sup> in GoY (5,000 YER), when earning the median wage reported by the KIs in this area. Whereas in AA (3,000 YER), a casual labourer would need to work for 15 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)
Abyan	Khanfir	27,579	104,718	107,518	226,038	1,305	1,300	15,900	3,600	1,520
Aden	Al Buraiqeh	37,639	115,450	116,250	246,830	1,275	1,350	9,938	6,000	1,510
Aden	Al Mansura	32,759	118,700	121,800	245,200	1,295	1,250	10,931	4,200	1,514
Aden	Al Mualla	32,539	122,600	133,600	248,880	1,400	1,350	10,600	5,000	1,513
Aden	Ash Shaikh Outhman	37,139	107,300	116,500	238,180	1,275	1,250	9,275	6,000	1,506
Aden	Attawahi	NA	122,600	133,600	NA	1,400	1,350	10,600	NA	1,513
Aden	Craiter	32,539	122,600	133,600	248,880	1,400	1,350	10,600	5,000	1,513
Aden	Dar Sad	21,199	116,225	126,025	231,165	1,280	1,340	10,600	1,400	1,534
Aden	Khur Maksar	28,365	122,600	133,600	244,706	1,400	1,350	10,600	3,675	1,513
Al Dhale'e	Ad Dhalee	47,414	131,800	136,000	272,955	1,313	1,450	9,607	8,500	1,533
Al Dhale'e	Ash Shuayb	39,654	NA	98,661	232,056	1,350	1,350	9,938	7,500	1,531
Al Dhale'e	Qaatabah	43,029	122,134	124,934	258,904	1,313	1,375	9,275	7,500	1,533
Al Hudaydah	Al Khawkhah	42,289	115,417	123,417	251,447	1,330	1,280	11,262	7,000	1,510
Al Hudaydah	As Sukhna	17,063	39,550	49,650	111,745	450	450	8,612	3,000	526
Al Hudaydah	At Tuhayat	NA	NA	141,900	NA	1,200	1,300	26,500	NA	1,495
Al Hudaydah	Bajil	16,398	52,550	59,150	124,080	475	475	10,600	3,000	527
Al Hudaydah	Bayt Al Faqiah	16,398	54,550	61,150	126,080	475	475	10,600	3,000	527
Al Hudaydah	Hays	25,899	100,975	109,775	220,615	1,330	1,280	11,262	2,273	1,551
Al Mahwit	Al Khabt	14,778	41,861	43,021	111,771	475	475	497	2,500	530
Al Mahwit	Al Mahwait	NA	45,611	48,211	NA	475	475	497	NA	530
Amran	Amran	11,988	40,900	41,700	108,020	475	475	8,612	1,143	525
Amran	Jabal Iyal Yazid	11,988	41,400	41,700	108,520	475	475	8,612	1,143	530
Hajjah	Abs	13,638	42,700	45,300	111,470	475	500	8,612	1,500	530
Hajjah	Ash Shaghdirah	NA	36,900	43,300	NA	475	475	481	NA	525
Hajjah	Aslem	13,638	41,900	44,500	110,670	475	500	8,612	1,500	530
Hajjah	Bani Al Awam	NA	38,025	44,425	NA	475	475	9,275	NA	530
Hajjah	Hajjah City	16,788	47,450	49,050	119,370	475	475	8,612	2,500	530
Lahj	Al Had	33,614	127,917	135,317	255,272	1,285	1,300	10,600	6,000	1,517
Lahj	Al Hawtah	35,664	107,900	116,900	237,305	1,300	1,250	11,262	6,000	1,499
Lahj	Al Maqatirah	29,889	106,450	115,250	230,080	1,350	1,450	10,600	4,000	NA
Lahj	Al Milah	35,039	122,300	124,100	251,080	1,275	1,275	10,600	5,000	1,512
Lahj	Tuban	42,439	109,950	117,350	246,130	1,280	1,250	11,262	8,000	1,507
Lahj	Yafaa	34,114	127,917	138,917	255,772	1,285	1,300	10,600	6,000	1,517
Marib	Marib	22,781	118,666	124,866	235,188	1,150	1,250	7,693	1,367	1,525
Marib	Marib City	22,072	119,333	123,733	235,146	288	175	7,693	1,550	1,519
Taizz	Al Maafer	41,264	102,950	108,550	237,955	1,350	1,350	14,575	6,500	1,527

## 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)
Taizz	Al Mawasit	44,052	114,138	114,038	251,831	1,325	1,350	10,932	8,000	1,517
Taizz	Al Misrakh	30,314	124,050	122,850	246,905	1,350	1,300	11,262	3,500	1,518
Taizz	Al Mudhaffar	34,539	130,100	132,500	258,380	1,350	1,350	12,514	5,000	1,507
Taizz	Al Mukha	39,139	103,950	106,350	236,830	1,325	1,280	11,262	6,000	1,510
Taizz	Al Qahirah	32,664	122,512	118,812	245,217	1,350	1,325	11,667	4,500	1,513
Taizz	Al Waziyah	30,339	117,450	123,450	241,530	1,330	1,280	11,262	4,000	1,505
Taizz	Ash Shamayatayn	48,489	104,575	112,775	246,805	1,325	1,350	10,600	8,000	1,515
Taizz	Dhubab	NA	NA	139,650	NA	1,200	1,300	26,500	NA	1,500
Taizz	Mawza	33,489	110,917	120,117	238,147	1,330	1,280	11,262	5,000	1,510
Taizz	Sabir Al Mawadim	26,164	118,700	119,300	238,605	1,350	1,300	10,998	2,500	1,515
Taizz	Salh	32,362	123,600	126,200	249,703	1,350	1,350	12,514	4,166	1,520

## 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, GoY-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 GoY 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)<sup>5</sup>.
- Since September 2022, REACH calculates the cost of the MEB following the updated CMWG MEB guidance note from 2022<sup>3</sup>.
- 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<sup>15</sup>.
- 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. 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](#)

[September](#)

[October](#)

[November](#)

### Datasets

[January](#)

[February](#)

[March](#)

[April](#)

[May](#)

[June](#)

[July](#)

[August](#)

[September](#)

[October](#)

[November](#)

JMMI Situation overviews & datasets can be accessed through the

[Interactive Dashboard](#)

### Endnotes

1. GoY 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, with the name of Ansar Allah.
2. Sana'a Recourse centre. June 2023. [Houthis Ban Locally Produced Cooking Gas.](#)
3. CMWG. 2022. [Yemen Minimum Expenditure Basket: Operational Guidance Note.](#) Lump sum values in YER are in GoY: 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).
4. CMWG. 2020. [Guidance Note: The survival minimum expenditure basket and setting transfer values.](#) Lump sum value was in total 50,600 YER in GoY and 44,000 YER in AA.
5. Unless indicated otherwise, REACH utilizes the price of canned beans.
6. REACH utilizes the price of trucked water.
7. Sana'a Recourse centre. January 2020. [The War for Monetary Control Enters a Dangerous New Phase.](#)
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.
  15. The number of KIs providing informal credit to customers was below 30 in some cases, therefore the number of KIs is provided in brackets.

### 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 about REACH Yemen, you can contact us and sign up to our REACH Yemen mailing list under [impact.yemen@impact-initiatives.org](mailto:impact.yemen@impact-initiatives.org)

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](mailto:geneva@reach-initiative.org) and follow us on Twitter: [@REACH\\_info](#).

### Participating agencies

