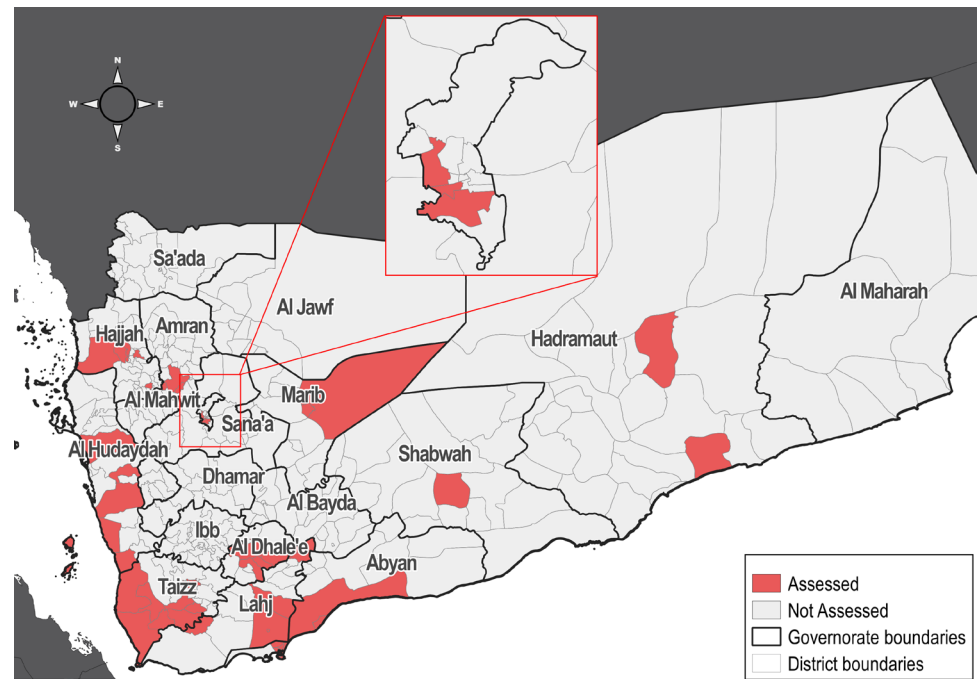


### INTRODUCTION

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). The objective of the JMMI is to support humanitarian actors with the harmonisation of market monitoring and to facilitate information products for evidence-based Cash and Voucher Assistance (CVA) and market-based programming (MBP).

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.

### ASSESSED DISTRICTS



### KEY FINDINGS

#### Total MEB<sup>1</sup>

251,337 YER IRG<sup>2</sup> ▲ +1%<sup>1</sup>  
130,938 YER DFA<sup>3</sup> ▼ -3%<sup>1</sup>

#### WASH MEB<sup>1</sup>

29,927 YER IRG ▲ +6%<sup>1</sup>  
16,905 YER DFA ▲ +11%<sup>1</sup>

#### Food MEB<sup>1</sup>

122,894 YER IRG ▼ -1%  
58,900 YER DFA ▼ -4%

#### Petrol

1,175 YER IRG ▼ -2%  
575 YER DFA ▼ -18%

#### Exchange rates (USD/YER)

557 ► 0%  
DFA  
Parallel market

1,145 ▲ +2%  
IRG  
Parallel market

530  
Official market  
(Central Bank of Yemen, Aden)

- The median price of the food MEB, with canned beans, in the locations assessed in the Internationally Recognized Government (IRG) and the De-facto Authorities/Ansar Allah (DFA) recorded no large changes compared to the previous month. Indicating a stabilisation of market prices.
- The price of the WASH MEB in the assessed locations was measured at a median of 29,927 YER in the IRG and 16,905 YER in the DFA.
- The value of the Yemen Riyal was reported at 557 YER/USD median in the DFA and 1,145 YER/USD in the IRG.
- The median cost of 1 litre of petrol in the DFA is 575 YER, which is 600 YER less than the price found in the IRG (1,145 YER). In the IRG, petrol and diesel prices were comparable to the values of the previous month.
- The price of cooking gas in assessed locations in the IRG witnessed a major increase since August (+51%). The high price for cooking gas reported in October was due to the high price reported by key informants (KIs) from

commercial stations (15,900 YER per cylinder) compared to KIs from stations associated with the Yemen Gas Company (9,937 YER per cylinder).

- Monitored food items, WASH items, and water trucking appear well available; limited shortages were reported by vendor KIs and an overwhelming majority indicated able to absorb an increase of consumer demand by 50%.
- Reflecting the economic situation, vendor KIs consistently report price inflation and high fuel prices as the most important challenges faced by the vendors. Notably, liquidity shortage was the second largest constraint for 16% of the food vendors, while damage on the road is an issue reported most often by water trucking vendors.

The components of the MEB have changed since September 2022. This has influenced the value of the WASH MEB and total MEB. See page 2.

### DATA COLLECTION

14 Participating partners  
12 Governorates  
50 Districts  
228 KIs per monitored item on average

Access the findings of specific districts or governorates, download data and visualizations, and conduct your own analysis via the [Interactive Dashboard](#)

<sup>1</sup>The price increase reported between August and September is due to a change in the component of the Total MEB and WASH MEB. Please refer to page 2 for the list of items per MEB basket (previously called SMEB).

<sup>2</sup> Refers to areas under nominal control of the Internationally Recognized Government, including the Southern Transitional Council.

<sup>3</sup> Refers to areas under nominal control of the De-facto Authorities (Ansar Allah).

## METHODOLOGY OVERVIEW

Data for the JMMI is collected every first week of the month through structured surveys with vendor 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. The interviews are conducted by partner organisations using a harmonised data collection tool after receiving a training from REACH. Following data collection, REACH compiles and cleans the data through detailed follow-up with partners.

REACH presents district level prices using data from the key informants within that district. Governorate, IRG, DFA and national level data (including MEBs) are aggregated from the district medians of the respective assessed districts. Details on the MEB calculation can be found below.<sup>4</sup> 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. Please refer to page 12 for additional information on the methodology and the limitations.

## THE MINIMUM EXPENDITURE BASKET (MEB)

The MEB is composed of essential commodities and services, provided by the relevant clusters and the CMWG. Since September 2022 REACH calculates the cost of the MEB following the CMWG guidance note of September 2022, while previously the 2020 guidance note was followed (MEB was called 'SMEB').<sup>5</sup> As a consequence, changes in the price of the total MEB and WASH MEB between these periods may be attributed to changes in the MEB composition and lump sum values.

The price of the food MEB is calculated using data collected in the JMMI. The WASH MEB price is calculated using JMMI data, and a lump sum amount for water treatment tablets is added since September 2022. The cost of the total MEB is calculated by adding the cost of the WASH MEB, food MEB and 1 cylinder of cooking gas tracked by the JMMI, and adding the lump sum values for shelter, health and services. Before September 2022, the market price of cooking gas was not included in the total MEB calculation, and the lump sum values were different.<sup>4</sup>

### MEB Components

	Item	Quantity
<b>Food</b>	Wheat flour	<b>75 kg</b>
	Kidney beans <sup>6</sup>	<b>10 kg</b>
	Vegetable oil	<b>8 L</b>
	Sugar	<b>2.5 kg</b>
	Iodised salt	<b>1 kg</b>
<b>WASH</b>	Soap	<b>1050 g</b>
	Laundry powder	<b>2000 g</b>
	Sanitary napkins	<b>50 pieces</b>
	Water <sup>7</sup>	<b>3150 L</b>
<b>Shelter/non food</b>	Water treatment tablets	<b>lump sum<sup>4</sup></b>
	Cooking fuel	<b>1 cylinder</b>
	Rent subsidy	<b>lump sum<sup>4</sup></b>
<b>Health</b>	Shelter maintenance	<b>lump sum<sup>4</sup></b>
	Medication	<b>lump sum<sup>4</sup></b>
<b>Services</b>	Communication	<b>lump sum<sup>4</sup></b>
	Transportation	<b>lump sum<sup>4</sup></b>

## Median prices of items assessed, October 2022

Assessed items	IRG	Monthly change	DFA	Monthly change
Soap (100g)	350	+10%	200	0%
Laundry powder (100g)	261	+2%	150	+3%
Sanitary napkins (pack of 10)	1,000	0%	600	0%
Water trucking (1 m3)	5,000	+12%	2,700	+8%
Bottled water (0.75 L)	200	0%	150	0%
Treated water (10 L)	200	0%	100	-33%
Bleach (1 L)	1,500	-6%	1,000	+19%
Petrol (1 L)	1,175	-2%	575	-18%
Diesel (1 L)	1,300	0%	712	-21%
Cooking gas (1 cylinder)	14,575	-8%	9,407	+7%
<b>WASH MEB</b>	<b>29,927</b>	<b>+6%</b>	<b>16,905</b>	<b>+11%</b>
Wheat flour (1 kg)	900	0%	400	-11%
Rice (1 kg)	1,500	-6%	900	0%
Canned kidney beans (15 oz)	850	0%	450	0%
Dry kidney beans (1 kg)	2,500	-2%	900	-18%
Lentils (1 kg)	2,200	+5%	1,000	-17%
Vegetable oil (1L)	2,700	-4%	1,262	-11%
Sugar (1 kg)	1,000	0%	500	0%
Salt (1 kg)	200	0%	150	0%
Potatoes (1 kg)	1,000	0%	525	+5%
Onions (1 kg)	1,200	-20%	700	0%
<b>Food MEB (dry beans)</b>	<b>115,788</b>	<b>0%</b>	<b>53,400</b>	<b>-9%</b>
<b>Food MEB (canned beans)</b>	<b>122,894</b>	<b>-1%</b>	<b>58,900</b>	<b>-4%</b>
<b>Total MEB (canned beans)</b>	<b>251,337</b>	<b>+1%</b>	<b>130,938</b>	<b>-3%</b>

<sup>4</sup>CMWG. 2022. [Yemen Minimum Expenditure Basket: Operational Guidance Note](#). Lump sum values in YER are in the IRG: 53,500 (shelter), 20,410 (health), 2,300 (transport), 7,935 (communication), 539 (water treatment tablets). In DFA: 27,825 (shelter) 10,878 (health), 1,650 (transportation), 6,958 (communication), 288 (water treatment tablets).

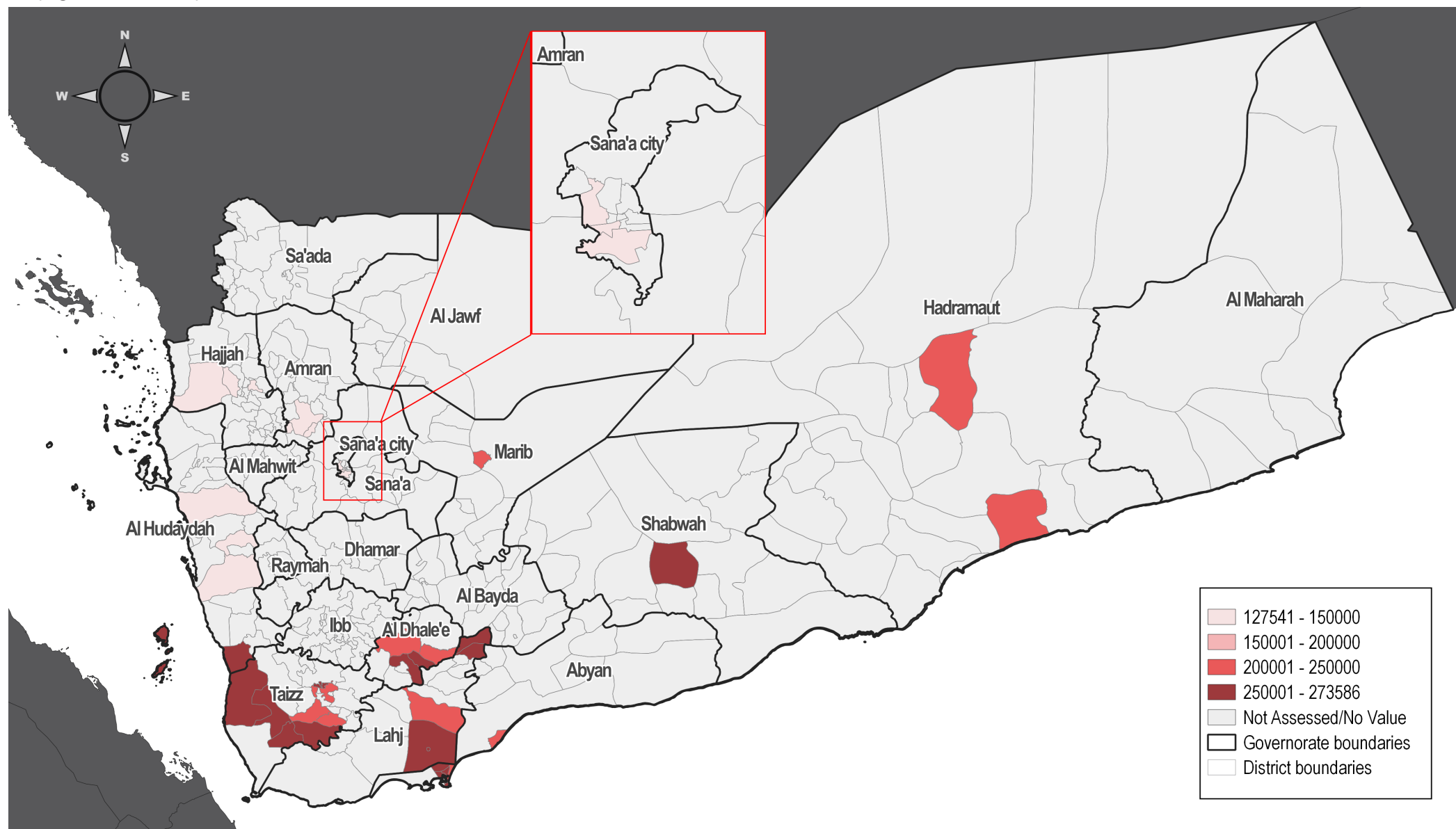
<sup>5</sup>CMWG. 2020. [Guidance Note: The survival minimum expenditure basket and setting transfer values](#). Lump sum value was in total 50,600 YER in the IRG and 44,000 YER in the DFA.

<sup>6</sup> Unless indicated otherwise, REACH utilizes the price of canned beans.

<sup>7</sup> REACH utilizes the price of trucked water.

## MEDIAN COST OF THE MINIMUM EXPENDITURE BASKET (MEB)

This map visualises the cost of the items in the total MEB, calculated for districts with available price data in this month's JMMI round. Darker colours indicate a relatively higher cost. See page 2 for the components of the total MEB.



## FOOD ITEMS

### Food MEB (median)

IRG: 251,337 YER ▼ -1%

DFA: 58,900 YER ▼ -4%

- The median price of the food MEB in the assessed locations in the DFA was 63,994 YER lower (52%) than the cost of the food MEB in the IRG.
- The price of the food MEB in the IRG has been relatively unchanged since March 2022 (188,825 YER), indicating a stabilisation of market prices for essential food items.
- Of the governorates assessed, the highest median price of the food MEB (with canned beans) in the DFA was Al Hudaydah governorate (62,950 YER). In the IRG, Al Hudaydah governorate had the highest food MEB price, at 135,012 YER.
- Of the food prices monitored in the DFA, the price of vegetable oil changed the most compared to the previous month. It decreased with 11% and costs this month 1,262 YER per

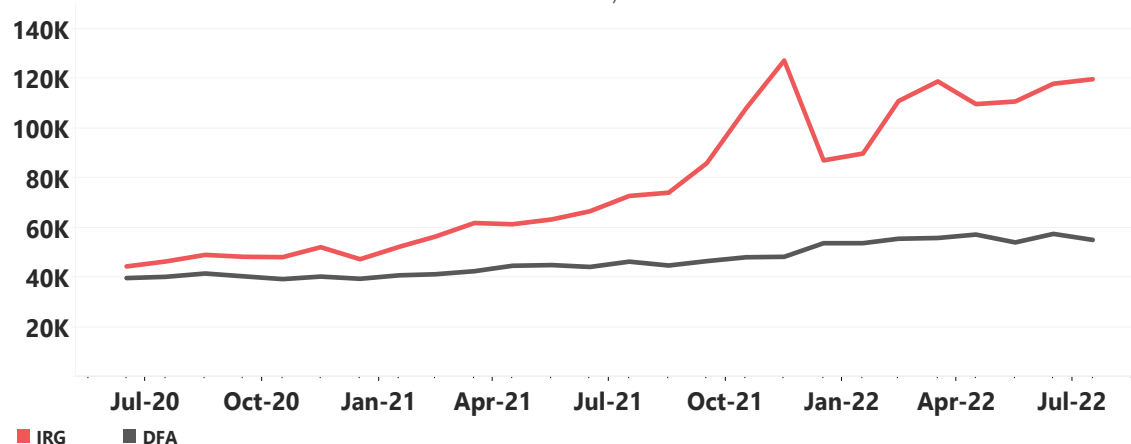
1 L median.

- In the IRG, the monitored food item with the largest price change was vegetable oil; The median price is 2,700 YER per 1 L and decreased with 4% compared to the previous month.
- Prices of monitored items per assessed district can be found on page 10.

### Availability of monitored food items

- 9% of food vendor KIs (30) reported being unable to meet a 50% increase of consumer demand of food items.
- 12% of KIs (26) reported a shortage of food items in the last 2 weeks prior to data collection.<sup>9</sup> Most commonly reported items were:
  - Dry kidney beans (12 KIs)
  - Wheat flour (10 KIs)
  - Lentils (9 KIs)

Median cost of the food MEB in the IRG and the DFA, in YER

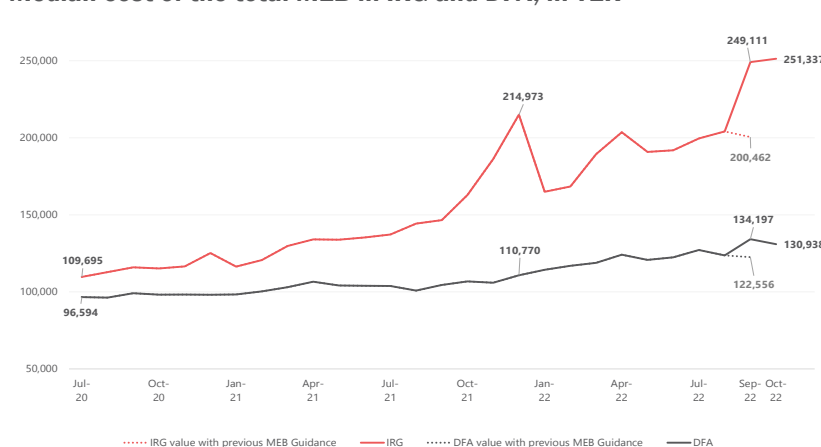


### Constraints reported by food vendors

**60%** of the interviewed food vendors reportedly face constraints. The previous month, this proportion was 60%. This month, the most commonly reported constraints were:<sup>8</sup>

	1st choice	2nd choice	3rd choice
Price inflation	82%	7%	4%
Other	5%	2%	1%
High fuel prices	4%	35%	23%
Liquidity shortage	3%	16%	4%
Damage on the road	2%	5%	5%
Regulations from authorities	1%	10%	5%
Insecurity and instability	1%	2%	2%
Movement restrictions	1%	3%	2%
Decline of consumer demand	1%	5%	7%
Difficulty finding supplies	1%	0%	3%
Fuel shortage	0%	6%	20%
Damage at the marketplace	0%	1%	2%

Median cost of the total MEB in IRG and DFA, in YER<sup>9</sup>



<sup>8</sup> Not all vendors facing constraints reported up to three constraints.

<sup>9</sup> Part of the change in the price of the total MEB between August and September 2022 is due to the change in MEB components. See page 2 for more information on this change.

## WASH ITEMS

### WASH MEB (median)

IRG: 29,9278 YER ▲ +6%  
DFA: 16,905 YER ▲ +11%

- The median WASH MEB price in the assessed locations in the DFA was 13,022 YER lower (44%) than the median of the assessed locations in the IRG.
- Of the WASH items monitored in the DFA, the largest price change occurred with **water trucking**; the median price was 2,700 YER per 1 cubic meter and had increased with 8% compared to the previous month.
- For assessed areas in the IRG, the median price of **water trucking** (5,000 YER per 1 cubic meter) increased with 12% compared to the previous month.
- The increases measured in the WASH MEB, therefore, were a consequence of the higher water trucking price overall. In addition, the price of **soap** (+10%) reported in the IRG contributed a higher WASH MEB in this area compared to

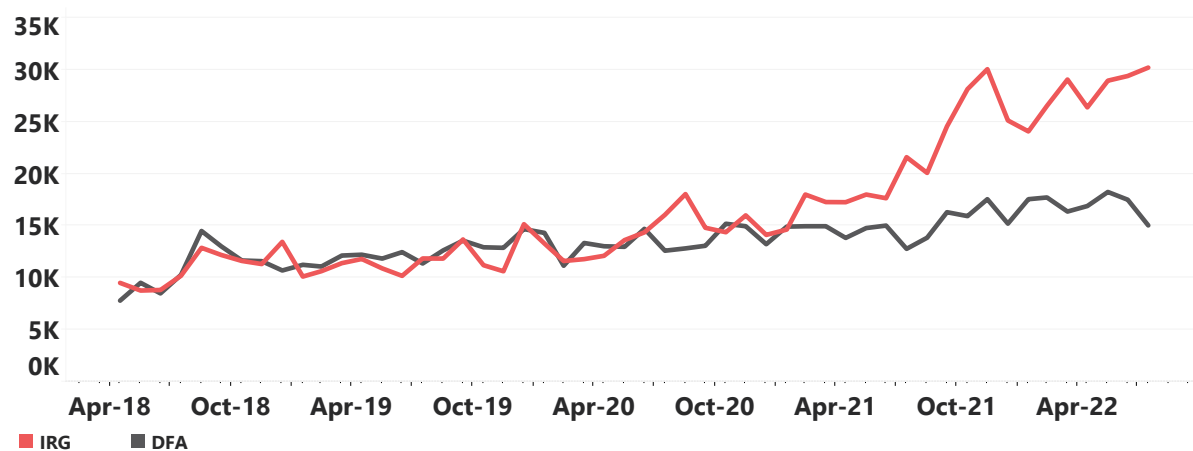
the previous month.

- The governorate with the highest WASH MEB in the DFA was **Hajjah** at 18,363 YER. In the IRG, this was **Shabwah** governorate at 37,439 YER.
- Prices of monitored items per assessed district can be found on page 10.

### Availability of monitored WASH items

- **8%** of WASH vendor KIs (27) reported being unable to meet a 50% increase of consumer demand of WASH items.
- **7%** of trucked water vendor KIs (22) reported being unable to meet a 50% increase of consumer demand of water trucking.
- **3%** of KIs (6) reported a shortage of WASH items in the last 2 weeks prior to data collection.<sup>11</sup> Most commonly reported items were:
  - Treated water (in jerrycans) (4 KIs)
  - Bleach (1 KI)
  - Laundry powder (1 KI)

Median price of the WASH MEB in the IRG and the DFA, in YER



### Constraints reported by WASH vendors

**56%** of the interviewed WASH vendors reportedly face constraints. The previous month, this proportion was 58% This month, the most commonly reported constraints were:<sup>10</sup>

	1st choice	2nd choice	3rd choice
Price inflation	73%	6%	6%
High fuel prices	8%	29%	21%
Damage on the road	6%	8%	10%
Decline of consumer demand	4%	8%	5%
Liquidity shortage	3%	11%	1%
Damage at the marketplace	3%	5%	4%
Regulations from authorities	1%	11%	6%
Movement restrictions	1%	3%	3%
Other	1%	0%	0%
Fuel shortage	0%	4%	17%
Insecurity and instability	0%	3%	1%
Difficulty finding supplies	0%	1%	0%

### Trucked water (1 m<sup>3</sup>)

IRG: 5,000 YER ▼ -11%

DFA 2,700 YER ▲ +25%

### Water quality indicators reported by trucked water vendor KIs

Chlorination rate	Percentage	Water source	Percentage
Not chlorinated	61%	Pumping Station or Borehole	68%
Chlorinated	36%	Treatment Station	20%
Do not know	3%	Water Spring	13%
		Other	0%

<sup>10</sup> Not all vendors facing constraints reported up to three constraints. .



### Constraints reported by water truckers

**54%** of the interviewed water truckers reportedly face constraints. The previous month, this proportion was 59%. This month, the most commonly reported constraints were:<sup>11</sup>

	1st choice	2nd choice	3rd choice
Price inflation	43%	7%	5%
High fuel prices	33%	36%	21%
Damage on the road	8%	14%	12%
Increase of consumer demand	5%	0%	0%
Fuel shortage	3%	9%	26%
Decline of consumer demand	3%	2%	0%
Regulations from authorities	2%	10%	1%
Liquidity shortage	1%	2%	0%
Difficulty finding supplies	1%	0%	2%
Damage at the marketplace	0%	1%	2%
Movement restrictions	0%	1%	0%
Refused to answer	0%	0%	2%

### EXCHANGE RATE

#### Price of 1 USD/YER (median)

IRG: 1,145 YER ▲ +2%

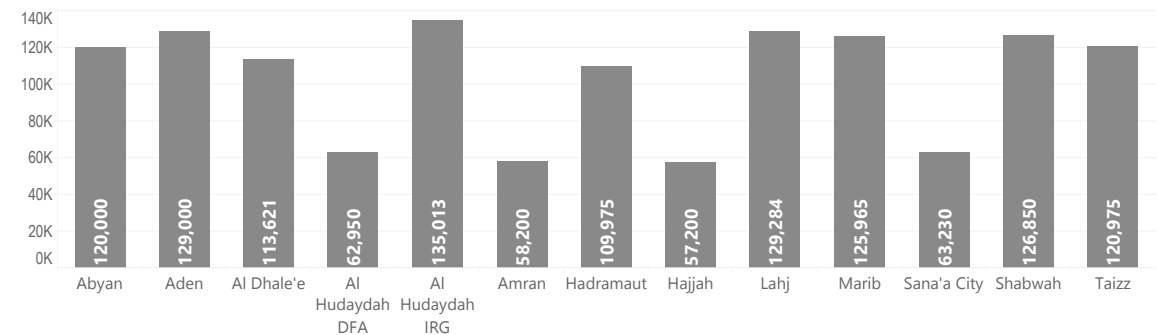
DFA: 557 YER ► 0%

• Exchange rates in IRG areas were reported at median price of 1,145 YER/USD. This was an appreciation of +2% compared to the previous month.

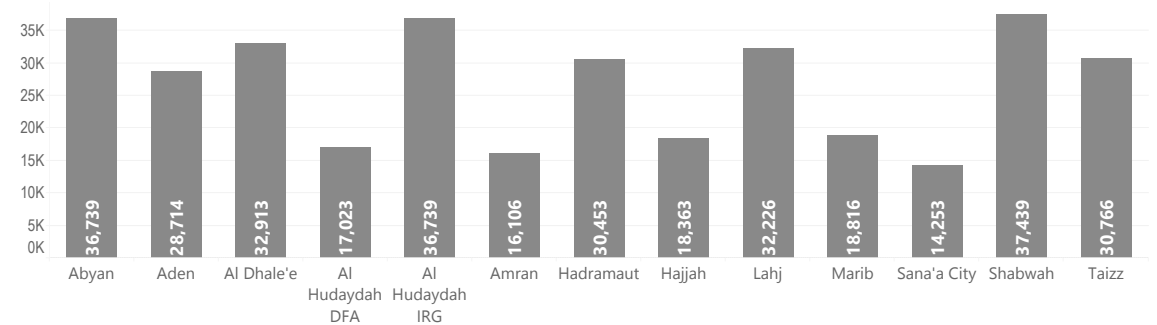
• The highest recorded exchange rate of was in **Lahj** governorate (1,140 YER/USD).

• The parallel exchange rate in DFA areas was reported at a median of 557 YER/USD, a change of 0% compared to the previous month.

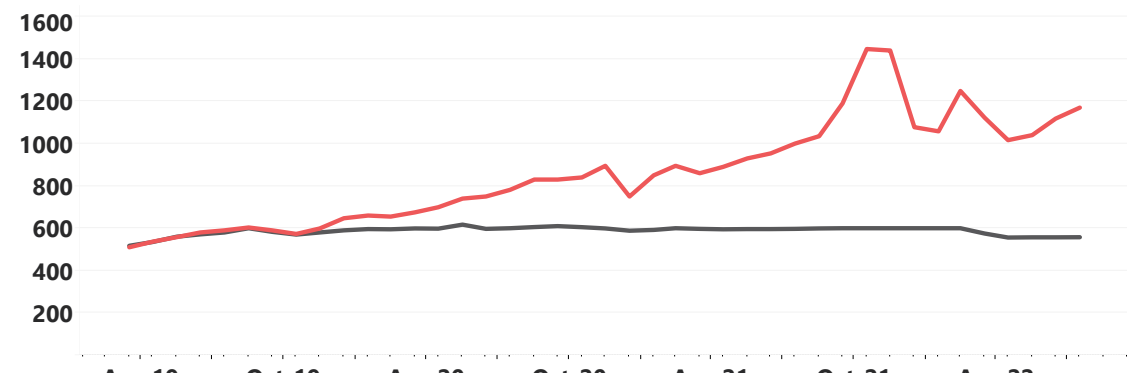
### Median cost of the food MEB per assessed governorate, in YER



### Median cost of the WASH MEB per assessed governorate, in YER



### Trend of parallel exchange rates, in YER/USD



<sup>11</sup> Not all vendors facing constraints reported up to three constraints.

## FUELS

- Of the key informant interviews conducted this month **37%** were held at stations affiliated with the Yemen Petroleum Company (YPC) or the Yemen Gas Company (YGC), **62%** at commercial stations, and **1%** on the black market.<sup>12</sup>
- The difference between median fuel prices in the assessed districts in the IRG and DFA was 600 YER (petrol), 588 YER (diesel) and 5,168 YER (cooking gas).
- The high median price for **cooking gas** reported in the IRG was due to the high price reported by KIs from commercial stations compared to KIs from stations associated with the YGC.
- Of the assessed governorates, **Abyan** had the highest median price of cooking gas (25,457

YER). The lowest median price per governorate was found in **Marib** (6,765 YER).

- Refer to page 10 for fuel prices per assessed district.

### Availability of monitored items

- 27%** of KIs (88) reported being unable to meet a 50% increase of consumer demand of fuel items.
- 31%** of KIs (58) reported a shortage of fuel items in the last 2 weeks prior to data collection. Reported items were:

- Cooking gas (29 KIs)
- Diesel (24 KIs)
- Petrol (19 KIs)

### Petrol (1 L)

IRG: 1,175 YER ▼ -2%  
DFA: 575 YER ▼ -18%

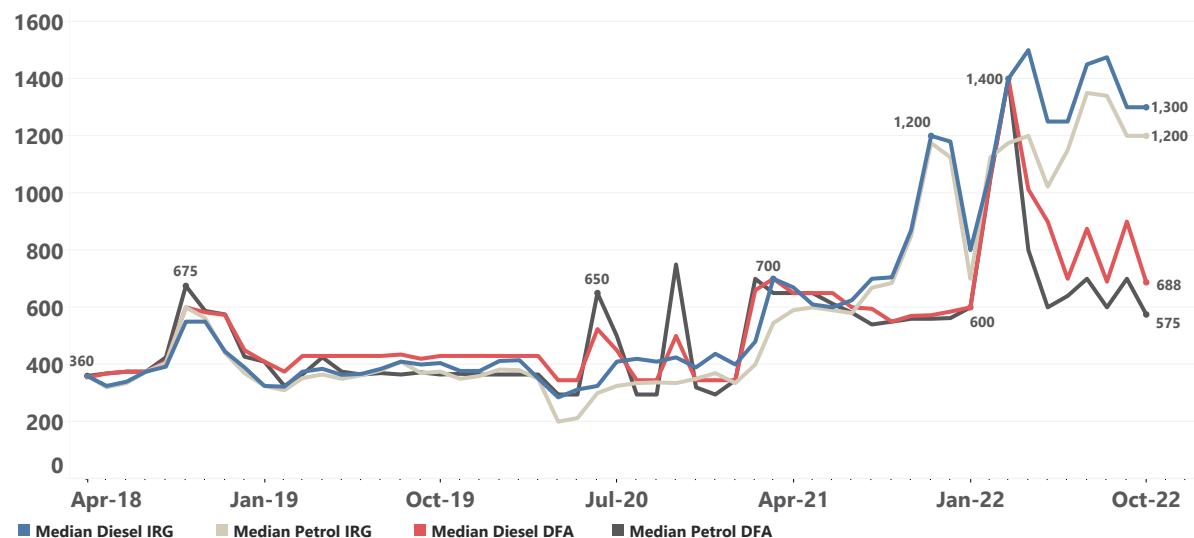
### Diesel (1 L)

IRG: 1,300 YER ► 0%  
DFA: 712 YER ▼ -21%

### Cooking gas (1 cylinder)

IRG: 14,5750 YER ▼ -8%  
DFA: 9,407 YER ▲ +7%

Median price of diesel and petrol in the IRG and the DFA, in YER



### Constraints reported by fuel vendors

**61%** of the interviewed fuel vendors reportedly face constraints. The previous month, this proportion was 60%. This month, the most commonly reported constraints were:<sup>13</sup>

	1st choice	2nd choice	3rd choice
Price inflation	63%	1%	8%
High fuel prices	12%	36%	22%
Difficulty finding supplies	9%	10%	4%
Fuel shortage	6%	18%	17%
Increase of consumer demand	3%	8%	1%
Regulations from authorities	2%	6%	7%
Damage on the road	2%	5%	15%
Insecurity and instability	1%	3%	2%
Liquidity shortage	1%	1%	1%
Movement restrictions	1%	1%	8%
Other	0%	2%	2%
Damage at the marketplace	0%	0%	1%
Decline of consumer demand	0%	0%	1%

Median price of fuel items in YER, per station type

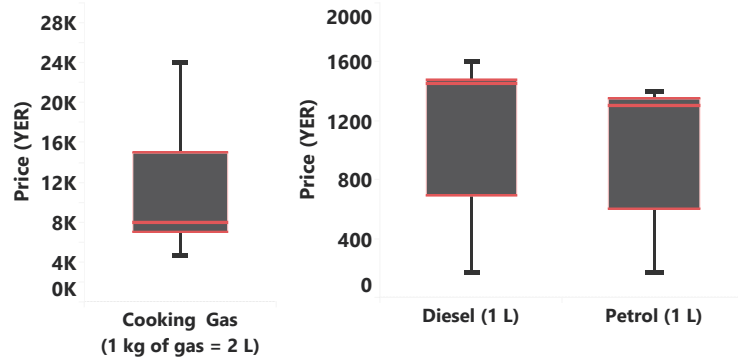
	Fuel item	YPC/YGC	Commercial	Black market
IRG	Petrol (1 L)	1,090	1,238	1,375
	Diesel (1 L)	1,300	1,300	1,350
	Cooking gas (1 cylinder)	9,937	15,900	9,938
DFA	Petrol (1 L)	575	575	NA
	Diesel (1 L)	675	700	NA
	Cooking gas (1 cylinder)	9,275	9,275	NA

<sup>12</sup> Enumerators are instructed to only visit the black market if there is no other fuel station available.

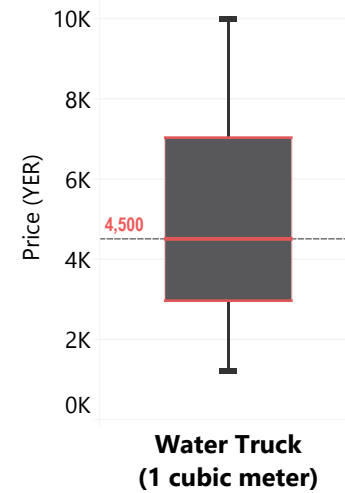
<sup>13</sup> Not all vendors facing constraints reported up to three constraints.

## PRICE DISTRIBUTION ACROSS ASSESSED DISTRICTS

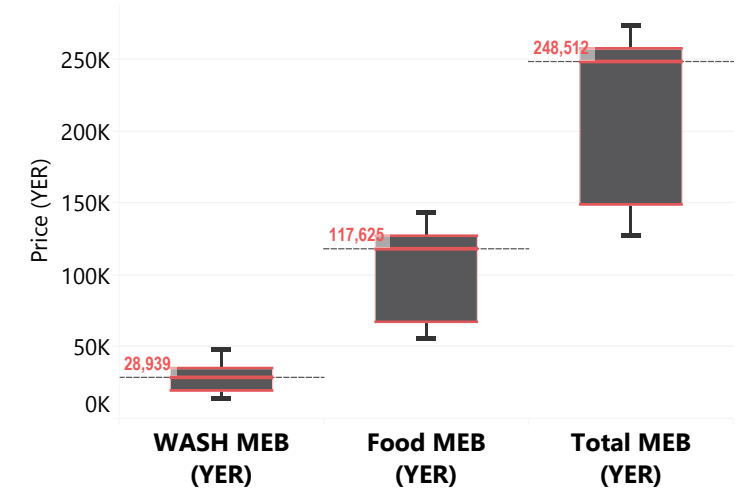
Fuel items



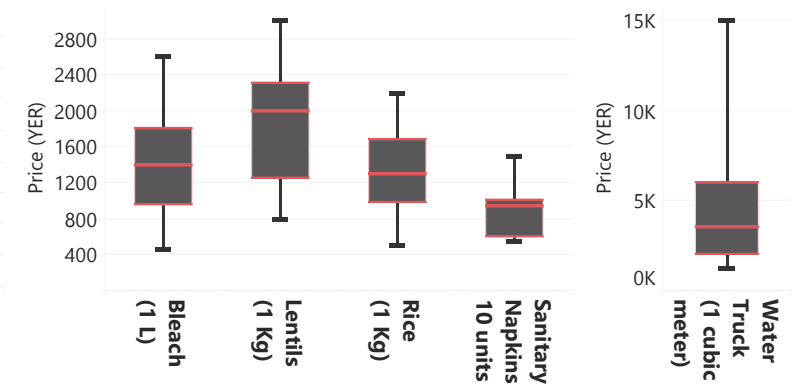
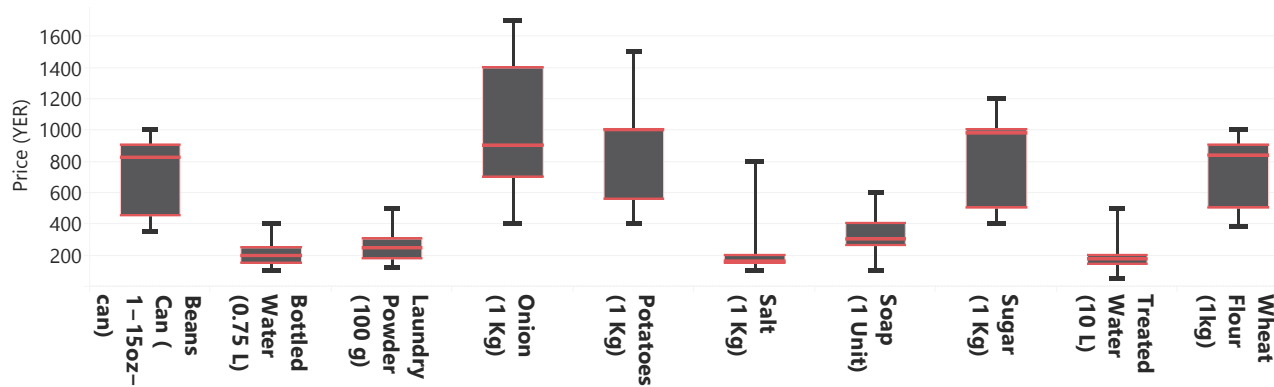
Trucked water



Minimum Expenditure Basket



WASH and food items



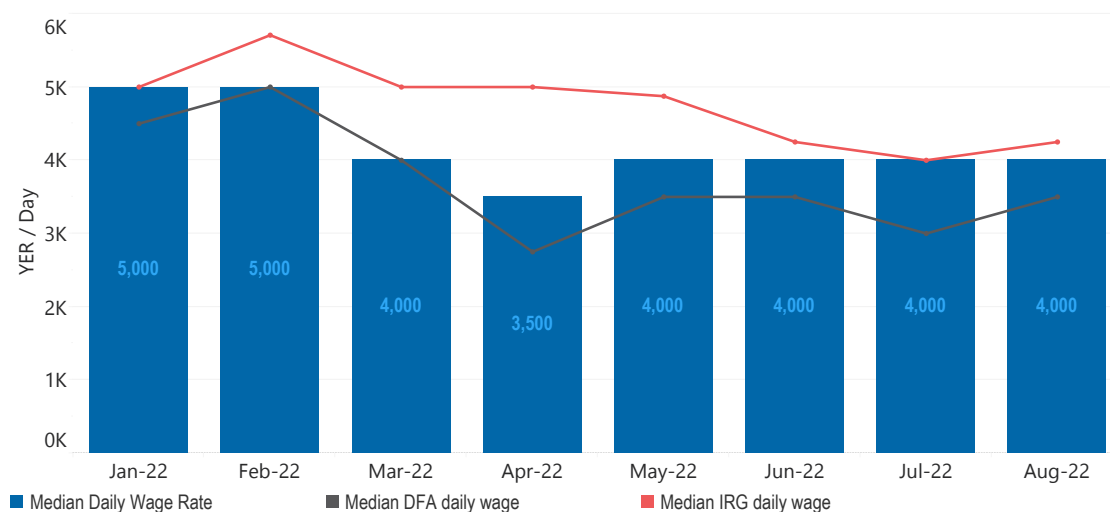


## MINIMUM DAILY WAGE (unskilled work)

Vendors are asked to estimate the daily wage of labourers in their community who perform basic jobs that do not require formal schooling. These labourers are usually employed on a day-to-day basis without a contract. They perform basic manual labour or seasonal work and represent some of the most vulnerable labour groups. The median minimum wage reported by KIs was **4,000 YER** per day.

- One casual labourer would need to work for **5 days** to afford the median price of the food MEB<sup>14</sup> in the IRG
- One casual labourer would need to work for **9 days** to afford the median price of the food MEB<sup>14</sup> in the DFA

### Trend of minimum wage prices



## PAYMENT MODALITIES

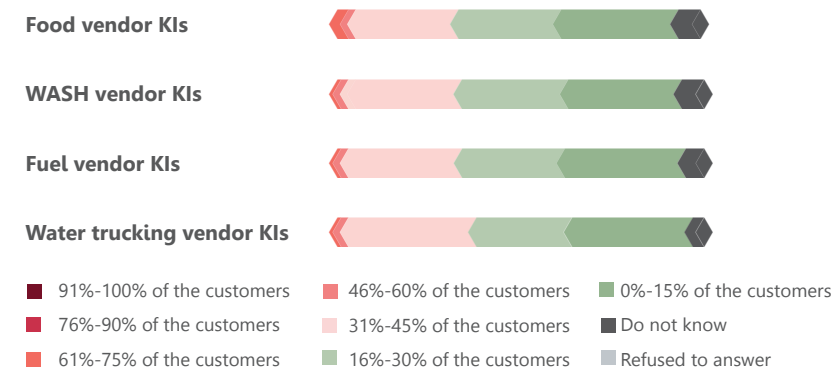
### Accepted payment modalities, per vendor type

Modality	Food	WASH	Fuel	Water trucking
Cash	100%	100%	100%	100%
Informal credit provided by vendor	60%	64%	58%	61%
Credit cards/debit cards	0%	0%	0%	0%
Humanitarian vouchers	3%	3%	4%	2%
Bartering	0%	0%	0%	0%
Mobile money	4%	4%	5%	3%
Prepaid cards	1%	1%	1%	1%

### Purchases on credit

Vendor KIs were asked if they allow purchase on credit and what proportion of their customers has an outstanding debt with the KI due to purchasing on credit, at the time of data collection. A high proportion of customers have an outstanding debt at the vendor is indicative of financial stress on customers. A vendor offering credit purchases is indicative of a business with financial capacity to offset (part of) the financial stress of customers (see table above).

### Proportion of customers with on outstanding debt at the vendor KI



<sup>14</sup>The food MEB serves a household of 7 people, see also page 2.

## DISTRICT LEVEL PRICES OF MONITORED COMMODITIES

Governorate	District	WASH MEB	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)
Abs	Hajjah	16,788	50,000	55,400	122,141	575	725	9,275	2,500	558
Ad Dhalee	Al Dhale'e	36,589	126,600	129,000	261,568	1,085	1,750	9,275	7,000	1,148
Al Had	Lahj	32,089	136,367	140,767	266,835	1,090	1,400	23,850	6,000	1,150
Al Hawtah	Lahj	47,609	113,050	117,450	259,038	1,090	1,250	18,550	10,000	1,145
Al Hussein	Al Dhale'e	29,209	126,600	129,000	254,188	1,085	NA	9,275	5,000	1,150
Al Khawkhah	Al Hudaydah	36,739	NA	126,550	261,668	1,450	1,250	10,600	7,000	1,138
Al Maafer	Taizz	25,419	103,220	104,520	227,018	1,350	1,300	18,550	3,200	1,155
Al Mansura	Aden	28,939	136,217	140,617	263,535	1,090	1,400	21,200	5,000	1,150
Al Maqatirah	Lahj	NA	108,450	115,850	NA	1,200	1,250	15,238	9,000	1,145
Al Mawasit	Taizz	30,618	100,717	104,517	229,714	1,350	1,350	17,327	4,500	1,148
Al Milah	Lahj	32,226	115,400	117,800	246,005	1,325	1,275	15,900	5,000	1,142
Al Mualla	Aden	28,714	118,104	124,504	245,197	1,085	1,750	24,579	4,500	1,148
Al Mudhaffar	Taizz	30,914	120,425	125,125	249,718	1,400	1,300	9,938	4,500	1,140
Al Mukha	Taizz	33,589	NA	120,054	252,022	1,480	1,280	15,569	6,000	1,147
Al Qahirah	Taizz	28,236	117,725	125,125	244,340	1,400	1,325	9,938	3,900	1,131
Al Wahdah	Sana'a City	13,888	65,980	66,460	135,221	575	675	7,950	2,000	556
Al Waziyah	Taizz	38,039	101,800	122,600	238,218	1,480	1,200	15,900	7,000	1,128
Amran	Amran	15,948	54,000	58,200	125,301	575	675	7,288	2,400	556
As Sabain	Sana'a City	14,744	62,750	63,230	132,847	575	675	7,950	2,000	556
As Sukhnah	Al Hudaydah	15,698	52,925	60,125	123,976	575	675	9,938	2,500	556
Ash Shaikh Outh-	Aden	26,326	128,558	131,658	253,263	1,088	1,335	17,888	4,250	1,133
Ash Shamayatayn	Taizz	44,613	106,392	111,792	249,384	1,325	1,250	19,478	9,167	1,151
Ash Shihr	Hadramaut	26,514	120,000	118,800	243,693	1,050	1,200	7,950	1,500	1,162
Ash Shuayb	Al Dhale'e	29,236	NA	98,242	225,857	1,150	1,300	22,525	5,000	1,140
Aslem	Hajjah	18,363	50,000	55,400	123,716	563	688	9,275	3,000	558
At Tuhayat	Al Hudaydah	NA	NA	143,475	NA	1,500	1,300	1,325	NA	1,144
Ataq	Shabwah	37,439	NA	126,850	262,668	1,250	1,300	9,569	4,500	1,120
Attawahi	Aden	NA	126,600	129,000	NA	1,085	1,750	24,579	NA	1,148
Bajil	Al Hudaydah	18,288	54,550	62,950	128,191	575	700	10,600	3,500	557
Bayt Al Faqiah	Al Hudaydah	17,023	59,325	67,025	131,701	575	725	9,540	2,900	558
Craiter	Aden	28,714	119,600	129,000	246,693	1,085	1,750	9,275	4,500	1,148
Dar Sad	Aden	36,898	109,600	115,900	244,877	1,030	1,265	15,238	7,125	1,150
Dhubab	Taizz	NA	NA	120,975	NA	1,500	1,300	1,260	NA	1,141
Hajjah City	Hajjah	NA	NA	57,200	NA	575	725	7,950	NA	558
Jabal Iyal Yazid	Amran	16,263	54,000	58,200	125,616	575	675	7,950	2,500	556
Khanfir	Abyan	NA	122,700	126,500	NA	1,325	1,300	25,457	NA	1,160
Khayran Al Mu-	Hajjah	NA	53,400	59,600	NA	650	750	13,250	NA	556
Khur Maksar	Aden	25,009	115,788	123,188	239,176	1,090	1,350	9,275	3,750	1,137
Kuhlan Ash Sharaf	Hajjah	33,313	53,400	59,600	142,066	650	750	13,250	8,000	557
Maain	Sana'a City	14,253	61,795	62,275	131,401	575	575	7,950	2,000	556
Marib	Marib	NA	139,800	142,400	NA	175	1,600	7,171	NA	1,115
Marib City	Marib	18,816	106,809	109,529	224,004	175	175	6,360	1,200	1,145
Mawza	Taizz	37,264	NA	124,425	260,068	1,400	1,450	17,225	7,000	1,380

## CONT.

Governorate	District	WASH MEB	MEB Food (dry beans)	MEB Food (canned beans)	MEB Total (canned beans)	Petrol 1 L	Diesel 1 L	Cooking gas 1 cylinder	Water Truck- ing 1 m3	Exchange Rate (YER/1 USD)
Qaatabah	Al Dhale'e	42,776	101,625	96,393	237,548	1,250	1,300	14,575	9,000	1,113
Sabir Al Mawadim	Taizz	19,489	103,650	107,450	221,518	1,300	1,300	10,600	2,000	1,130
Salh	Taizz	28,896	120,025	123,825	247,300	1,400	1,300	9,938	4,500	1,153
Tarim	Hadramaut	34,392	98,950	101,150	231,721	1,200	1,300	9,353	7,000	1,115
Tuban	Lahj	28,939	136,367	140,767	263,685	1,090	1,400	21,200	5,000	1,146
Yafaa	Lahj	34,190	136,617	141,017	269,186	1,090	1,400	23,850	6,667	1,150
Zingibar	Abyan	36,739	111,900	113,500	247,018	1,300	1,300	NA	7,000	1,150

## ADDITIONAL METHODOLOGY NOTES

To be assessed by the JMMI, marketplaces must be either a single permanent market, or a local community where multiple commercial areas are 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 data collection tools using standard training materials developed by REACH. Each first week of the month, enumerators conduct KI interviews with vendors obtaining the price of the cheapest brand in sale. Interviewed vendors do not provide price quotations for all monitored items due to the different nature of the monitored items and difference in inventories. In addition to price levels, vendors selling food or WASH items, fuels or water trucking are asked about the location of their supplier, the number of days it takes to restock the items, the constraints they face in purchasing and selling the items in question, the accepted payment modalities, and the minimum wage of a daily wage labourer. Additional questions are included for water trucking, to gauge the impact of delivery distance upon price level.

Following data collection, REACH compiles and cleans all partner data and checks for entry errors and outliers. For triangulation purposes, REACH requires a minimum of three price quotations for each item, per district. District medians are aggregated using data from the key informants within that district. Governorate, IRG, DFA and national level data (including MEBs) are aggregated from the district medians of the respective districts assessed in a given month. Percentage changes of prices are calculated by comparing the two medians of the relevant time series and aggregation level. However, the districts assessed may differ between the time series, see also 'limitations'. The cleaned data sets are available on the [REACH Resource Centre](#).

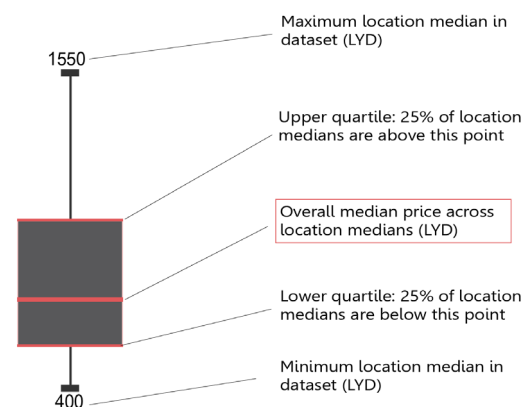
## LIMITATIONS

- 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 and part of the reported month-to-month price percentage variation may be attributed to changes in monthly coverage.
- 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 2022 and September 2022 is due to a change in MEB components and lump sum values. See also the MEB information on page 2.
- Findings are indicative for the locations assessed and not geographically representable for the whole of Yemen.
- It is recommended to refer to the [Interactive Dashboard](#) for longitudinal trends and historic data, as adjustments to the data or methodological improvements are updated there and not always in past 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.

## PARTICIPATING PARTNERS



### How to read a boxplot



### 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. You can contact us directly at: [geneva@reach-initiative.org](mailto:geneva@reach-initiative.org) and follow us on Twitter [@REACH\\_info](https://twitter.com/REACH_info).