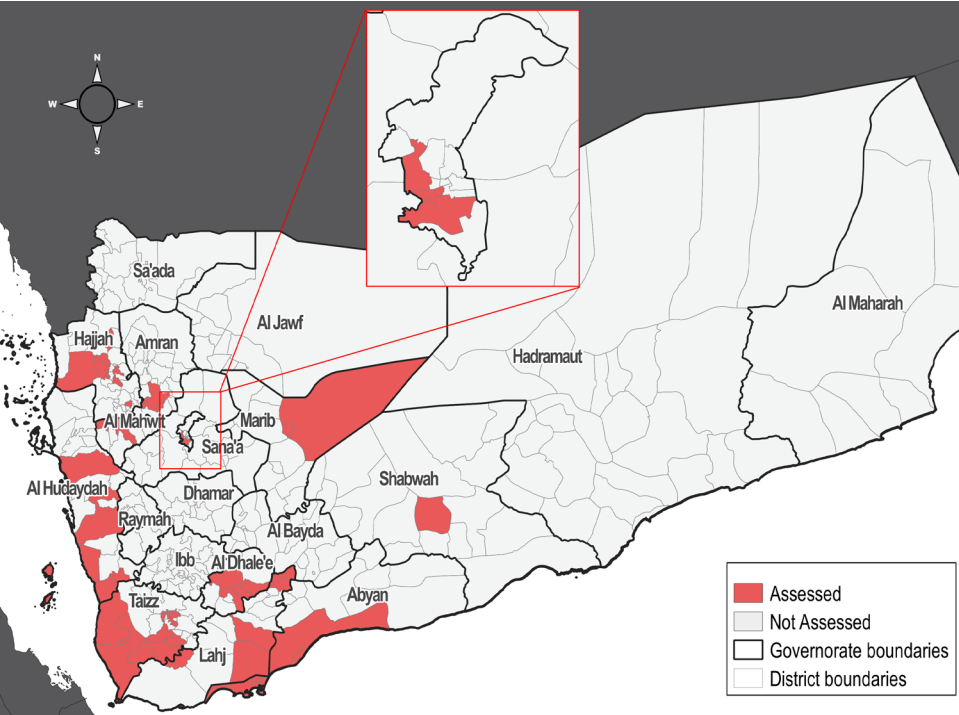


INTRODUCTION

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 produce 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

249,212 YER IRG<sup>1</sup> ▼ -2%  
124,259 YER DFA<sup>1</sup> ▼ -3%

Food MEB

117,600 YER IRG ▼ -4%  
51,950 YER DFA ▼ -3%

Exchange rates (USD/YER)

545 ▼ -3%  
DFA  
Parallel market

1,245 ► 0%  
IRG  
Parallel market

WASH MEB

30,339 YER IRG ▼ -9%  
16,226 YER DFA ▼ -8%

Petrol

1,050 YER IRG ▲ +5%  
500 YER DFA ► 0%

DATA COLLECTION

13 Participating partners  
12 Governorates  
54 Districts  
838 Vendor Key informants (KIs)  
9 - 11 Feb Data collection period

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

- The price of food MEB (with canned beans) in the De-facto Authorities (DFA) decreased by 3% compared to the previous month. This reduction can be attributed to the decrease in the cost of canned beans in the assessed markets. Nonetheless, all other food prices in the DFA remained unchanged compared to the previous month. The cost of the food MEB dropped substantially between December and January (-11%). As a result of the two consecutive months of decrease, the found median price in the DFA was 51,950 YER in February. This price reduction can be seen in the light of authorities decision to place a price cap on essential items<sup>2</sup>, as well as the appreciation of the YER in the DFA.
- In the Internationally Recognized Government (IRG), the cost of food MEB has decreased by 4% due to a decrease in the cost of wheat flour (-8%) and vegetable oil (-4%). The median price of the food MEB was 117,600 YER.
- In DFA, the price of WASH MEB also decreased by 8% at a median price of 16,226 YER. The highest price changes of WASH commodities compared to the previous month were water trucking in

- DFA, that decreased by 15% and soap in IRG, that decreased by 8%.
- Between January and February 2023, the median price of petrol remained stable in DFA at 500 YER, whereas it has increased slightly by 5% in IRG at a median of 1,050 YER. No changes in the price of diesel were reported across assessed markets.
- The cost of 1 cylinder of cooking gas in IRG has been fluctuating in the assessed districts. In February, the median price was 14,753 YER, which was an increase of 11% compared to January. However, between December and January, the price had decreased by 14%. In DFA, the median price was found at 8,612 YER (+8%).
- In February 2023, the exchange rate remains stable in IRG at a median of 1,245 YER after a depreciation by 9% in the previous month. In DFA, the value of the YER appreciated by 3% at a median of 545 YER in DFA.
- 28% of fuel vendor KIs reported a shortage of monitored items in this reporting month, in January this proportion was 35%. The proportion of key informants reporting shortages was and 8% for food vendors and 3% for WASH vendors.

<sup>1</sup> IRG refers to areas under nominal control of the Internationally Recognized Government, including the Southern Transitional Council. DFA refers to areas under nominal control of the De-facto Authorities (Ansar Allah).

<sup>2</sup> A maximum retailer price was implemented for canned beans, wheat flour, rice, vegetable oil and trucked water in DFA. Find the announcement on the [Ministry of Trade](#). For more information: ACAPS. [Bimonthly Economic Update: November - December 2022](#).

## METHODOLOGY OVERVIEW

Data for the JMMI is collected every first week of the month through structured surveys with 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 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 KIs 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>3</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>4</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 was 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>3</sup>

### MEB components

|                         | Item                      | Quantity                    |
|-------------------------|---------------------------|-----------------------------|
| <b>Food</b>             | Wheat flour               | <b>75 kg</b>                |
|                         | Kidney beans <sup>5</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>6</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, February 2023

| Assessed items                  | IRG            | Monthly change | DFA            | Monthly change |
|---------------------------------|----------------|----------------|----------------|----------------|
| Soap (100g)                     | 368            | -8%            | 160            | -6%            |
| Laundry powder (100g)           | 300            | 0%             | 150            | 0%             |
| Sanitary napkins (pack of 10)   | 1,000          | 0%             | 600            | 0%             |
| Water trucking (1 m3)           | 4,722          | -6%            | 2,333          | -15%           |
| Bottled water (0.75 L)          | 200            | 0%             | 100            | 0%             |
| Treated water (10 L)            | 200            | 0%             | 185            | +23%           |
| Bleach (1 L)                    | 1,625          | +3%            | 889            | +7%            |
| Petrol (1 L)                    | 1,050          | +5%            | 500            | 0%             |
| Diesel (1 L)                    | 1,150          | 0%             | 600            | 0%             |
| Cooking gas (1 cylinder)        | 14,753         | +11%           | 8,612          | +8%            |
| <b>WASH MEB</b>                 | <b>30,339</b>  | <b>-9%</b>     | <b>16,226</b>  | <b>-8%</b>     |
| Wheat flour (1 kg)              | 825            | -8%            | 400            | 0%             |
| Rice (1 kg)                     | 1,600          | +3%            | 900            | 0%             |
| Canned kidney beans (15 oz)     | 854            | 0%             | 350            | -12%           |
| Dry kidney beans (1 kg)         | 2,650          | -5%            | 1,200          | 0%             |
| Lentils (1 kg)                  | 2,200          | +6%            | 1,000          | 0%             |
| Vegetable oil (1L)              | 2,500          | -4%            | 1,000          | 0%             |
| Sugar (1 kg)                    | 1,000          | 0%             | 500            | 0%             |
| Salt (1 kg)                     | 211            | 0%             | 150            | 0%             |
| Potatoes (1 kg)                 | 1,000          | 0%             | 500            | 0%             |
| Onions (1 kg)                   | 700            | -12%           | 400            | 0%             |
| Food MEB (dry beans)            | <b>112,550</b> | <b>-5%</b>     | <b>51,117</b>  | <b>-2%</b>     |
| Food MEB (canned beans)         | <b>117,600</b> | <b>-4%</b>     | <b>51,950</b>  | <b>-3%</b>     |
| <b>Total MEB (canned beans)</b> | <b>249,212</b> | <b>-2%</b>     | <b>124,259</b> | <b>-3%</b>     |

<sup>3</sup> 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 DFA: 27,825 (shelter) 10,878 (health), 1,650 (transportation), 6,958 (communication), 288 (water treatment tablets).

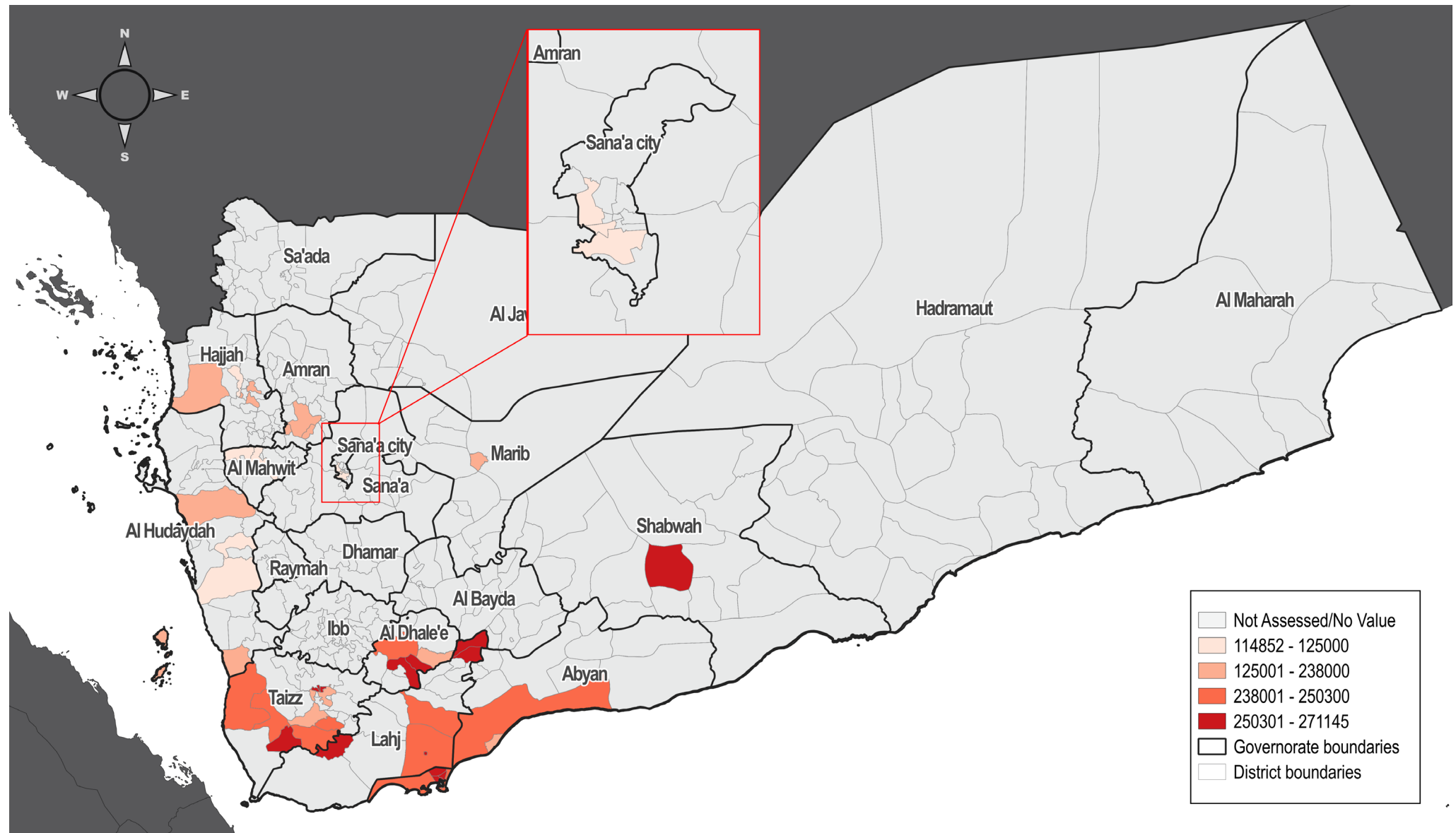
<sup>4</sup> CMWG. 2020. [Guidance Note: The survival minimum expenditure basket and setting transfer values](#). Lump sum value was in total 50,600 YER in IRG and 44,000 YER in DFA.

<sup>5</sup> Unless indicated otherwise, REACH utilizes the price of canned beans.

<sup>6</sup> REACH utilizes the price of trucked water.

## MEDIAN COST OF THE MINIMUM EXPENDITURE BASKET

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 while lighter colours indicate a lower cost. See page 2 for the components of the total MEB.



## FOOD ITEMS

### Food MEB (median)

IRG: 117,600YER ▼ -4%

DFA: 51,950 YER ▼ -3%

- The difference between the median price of the food MEB in the assessed locations in IRG and DFA was 65,650 YER. The median DFA price is 56% lower than the cost of the food MEB measured in IRG.
- Of the food prices monitored in the DFA, the price of beans can be changed the most compared to the previous month. It **decreased** by 12% and the median price this month was 350 YER per 1 can. The reduction may be attributed to a price cap on key items in this area, including beans, which was implemented in December 2022.<sup>7</sup>
- In the IRG, the monitored food item with the largest price change was **potato**; The median price is 1,000 YER per 1 kg and **decreased** by 17% compared to the previous month.
- Of the governorates assessed, the highest median price of the food MEB (with canned beans) in DFA was **Amran** governorate (56,250

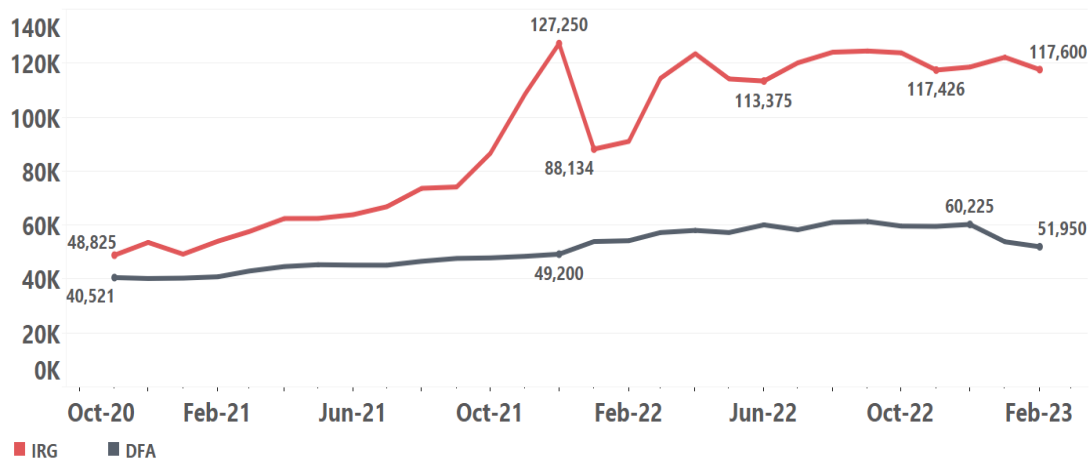
YER). In IRG, **Shabwah** governorate had the highest food MEB price, at 124,467 YER.

- According to enumerators, the onion harvest season (January - March) contributed an increase in availability which resulted in a decrease in price compared to the previous months.
- Prices of monitored items per assessed district can be found on page 10.

### Availability of monitored food items

- **15%** of food vendor KIs (34) reported being unable to meet a 50% increase of consumer demand for food items.
- **8%** of food vendor KIs (17) reported a shortage of food items in the last 2 weeks prior to data collection. Most commonly reported items were:
  - Wheat flour (12 KIs)
  - Rice (6 KIs)
  - Sugar (4 KIs)

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

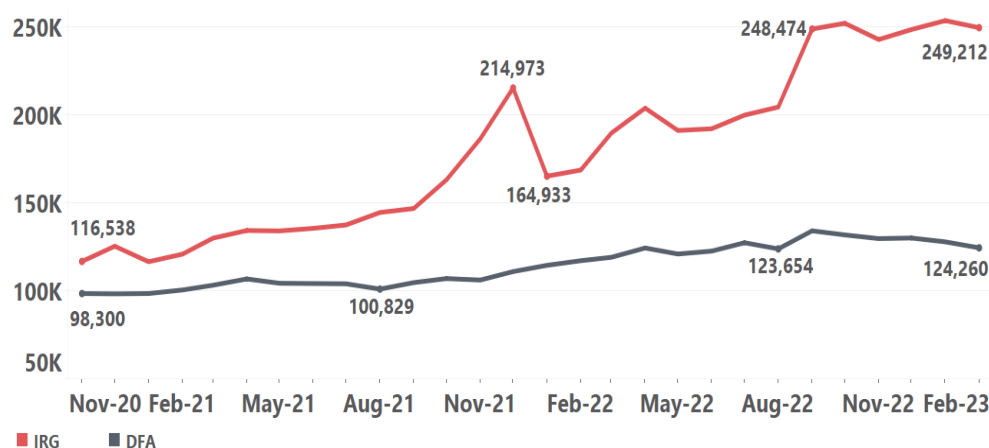


### Constraints reported by food vendors

**56%** of the interviewed food vendors reportedly face constraints. During the previous month, this proportion was 58%. In February 2023, most commonly reported constraints were:<sup>8</sup>

|                              | 1st choice | 2nd choice | 3rd choice |
|------------------------------|------------|------------|------------|
| Price inflation              | 75%        | 7%         | 2%         |
| Liquidity shortage           | 10%        | 12%        | 4%         |
| Regulations from authorities | 5%         | 11%        | 10%        |
| High fuel prices             | 2%         | 36%        | 20%        |
| Increase of consumer demand  | 2%         | 0%         | 0%         |
| Fuel shortage                | 2%         | 1%         | 1%         |
| Movement restrictions        | 2%         | 8%         | 6%         |
| Other                        | 2%         | 2%         | 2%         |
| Decline of consumer demand   | 2%         | 2%         | 11%        |
| Difficulty finding supplies  | 1%         | 2%         | 4%         |
| Damage on the road           | 0%         | 6%         | 10%        |
| Damage at the marketplace    | 0%         | 2%         | 2%         |

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



<sup>7</sup> A maximum retailer price was implemented for canned beans, wheat flour, rice, vegetable oil and trucked water in DFA. Find the announcement on the [Ministry of Trade](#). For more information: ACAPS. [Bimonthly Economic Update: November - December 2022](#).

<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: 30,3398 YER ▼ -9%

DFA: 16,226 YER ▼ -8%

- In the reporting period, the median WASH MEB price in the assessed locations in DFA was 47% lower than the median of the assessed locations in IRG. The price difference was 14,113 YER.
- Of the monitored WASH MEB items in DFA, the largest price change occurred in **water trucking**; the median price was 2,333 YER per 1 cubic meter and had decreased by 15% compared to the previous month.
- For assessed areas in IRG, the median price of **soap** (368 YER per 1 bar) decreased by 8% compared to the previous month.
- The governorate with the highest WASH MEB in DFA was in **Hajjah** at 19,192 YER. In IRG, it was **Al Dhale'e** governorate at 36,595 YER.

- Prices of monitored items per assessed district can be found on page 10.

### Availability of monitored WASH items

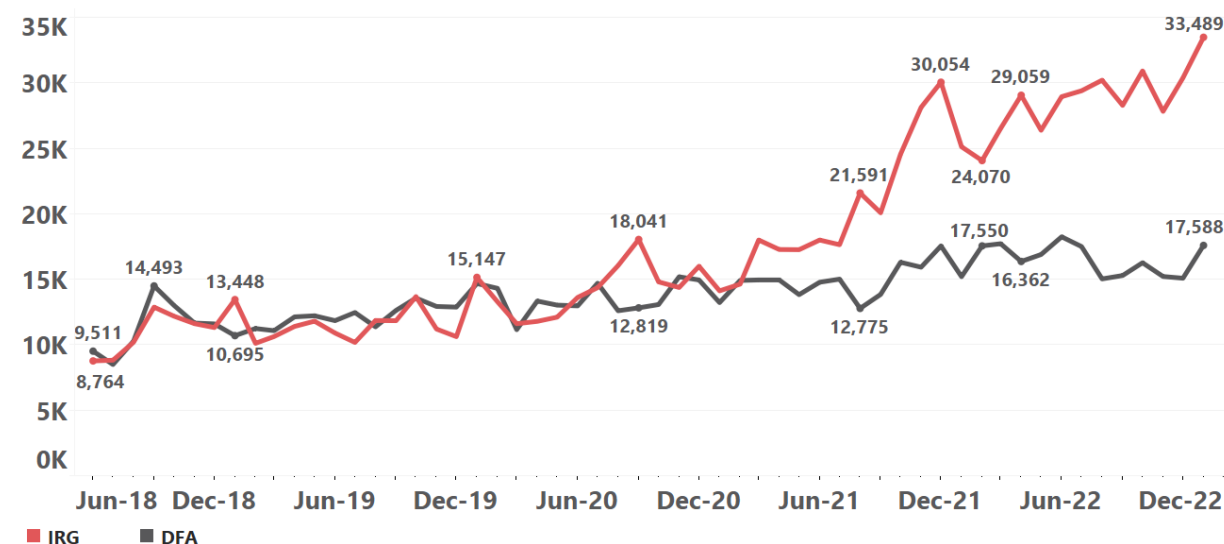
- **14%** of WASH vendor KIs (32) reported being unable to meet a 50% increase of consumer demand for WASH items.
- **16%** of trucked water vendor KIs (30) reported being unable to meet a 50% increase of consumer demand for water trucking.
- **3%** of WASH vendor KIs (7) reported a shortage of WASH items in the last 2 weeks prior to data collection. Most commonly reported items were:
  - Sanitary napkins (4 KIs)
  - Bleach (3 KI)
  - Soap (2 KI)

### Constraints reported by WASH vendors

**51%** of the interviewed WASH vendors reportedly face constraints. During the previous month, this proportion was 54%. In February 2023, most commonly reported constraints were:<sup>10</sup>

|                              | 1st choice | 2nd choice | 3rd choice |
|------------------------------|------------|------------|------------|
| Price inflation              | 77%        | 4%         | 0%         |
| Liquidity shortage           | 6%         | 14%        | 1%         |
| Regulations from authorities | 4%         | 10%        | 11%        |
| Damage on the road           | 3%         | 4%         | 9%         |
| Decline of consumer demand   | 3%         | 3%         | 11%        |
| Damage at the marketplace    | 2%         | 2%         | 1%         |
| High fuel prices             | 2%         | 42%        | 17%        |
| Insecurity and instability   | 2%         | 0%         | 2%         |
| Fuel shortage                | 1%         | 2%         | 4%         |
| Movement restrictions        | 1%         | 6%         | 7%         |
| Difficulty finding supplies  | 0%         | 1%         | 2%         |
| Refused to answer            | 0%         | 0%         | 4%         |

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



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

IRG: 4,722 YER ▼ -6%

DFA 2,333 YER ▼ -15%

| Chlorination rate | Percentage | Water source                | Percentage |
|-------------------|------------|-----------------------------|------------|
| Not chlorinated   | 63%        | Pumping Station or Borehole | 79%        |
| Chlorinated       | 27%        | Treatment Station           | 11%        |
| Do not know       | 10%        | Water Spring                | 10%        |
|                   |            | Other                       | 0%         |

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

### Constraints reported by water truckers

**60%** of the interviewed water truckers reportedly face constraints. During the previous month, this proportion was 56%. In February 2023, most commonly reported constraints were:<sup>11</sup>

|                              | 1st choice | 2nd choice | 3rd choice |
|------------------------------|------------|------------|------------|
| Price inflation              | 46%        | 7%         | 6%         |
| High fuel prices             | 35%        | 33%        | 14%        |
| Damage on the road           | 5%         | 22%        | 15%        |
| Difficulty finding supplies  | 4%         | 2%         | 3%         |
| Movement restrictions        | 3%         | 3%         | 1%         |
| Liquidity shortage           | 2%         | 5%         | 3%         |
| Other                        | 2%         | 0%         | 5%         |
| Decline of consumer demand   | 2%         | 2%         | 5%         |
| Regulations from authorities | 1%         | 3%         | 5%         |
| Damage at the marketplace    | 1%         | 2%         | 0%         |
| Fuel shortage                | 0%         | 5%         | 7%         |
| Insecurity and instability   | 0%         | 2%         | 0%         |

## EXCHANGE RATE

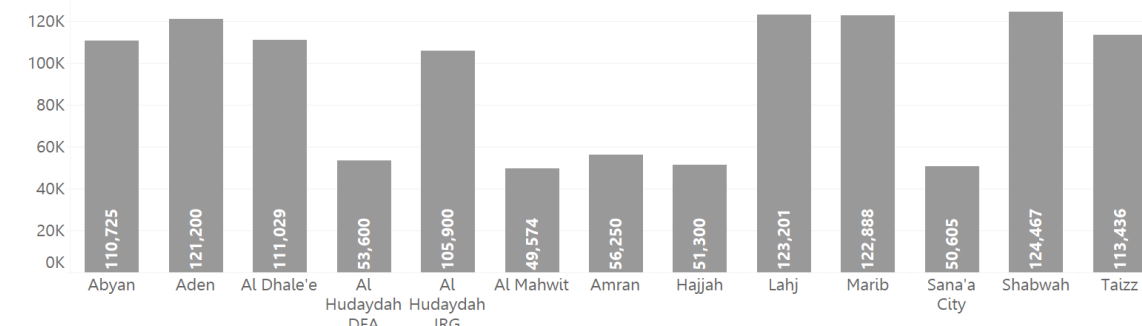
### Price of 1 USD/YER (median)

IRG: 1,245 YER ▲ 0%

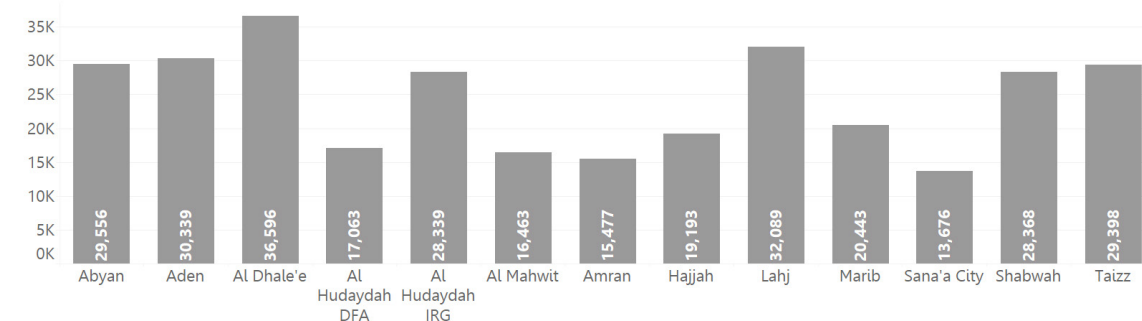
DFA: 545 YER ▼ -3%

- Exchange rates in IRG areas were reported at median price of 1,245 YER/USD. This was an change of 0% 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 545 YER/USD, a change of -3% compared to the previous month.

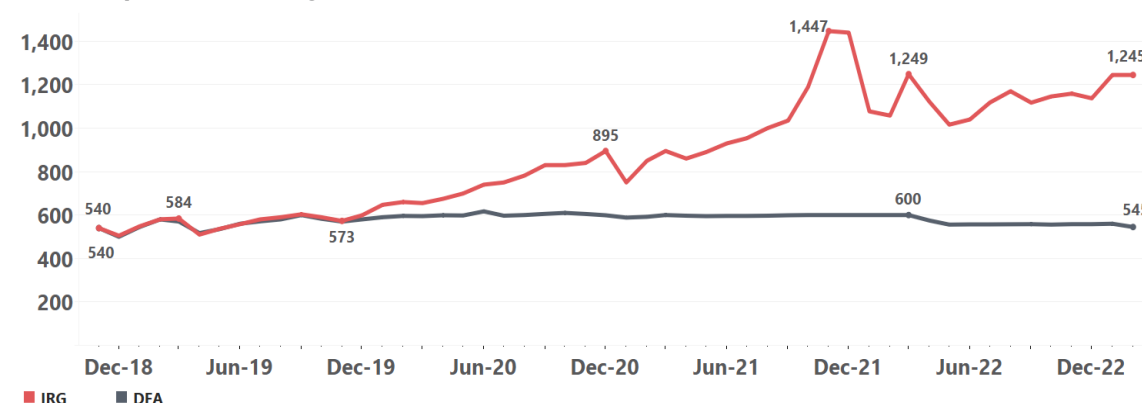
### Median cost of the food MEB per assessed governorate, in YER



### 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, **30%** were held at stations affiliated with the Yemen Petroleum Company (YPC) or the Yemen Gas Company (YGC), **68%** at commercial stations, and **2%** on the black market.<sup>12</sup>
- The difference between median fuel prices in the assessed districts in IRG and DFA was 550 YER for 1 L of petrol, 550 YER for 1 L of diesel and 6,142 YER for 1 cylinder of cooking gas.
- Of the assessed governorates, **Lahj** had the highest median price of cooking gas (19,212 YER). The lowest median price per governorate was found in **Shabwah** (6,890 YER). Refer to page 10 for fuel prices per assessed district.

### Availability of monitored items

- 52%** of fuel vendor KIs (107) reported being unable to meet a 50% increase of consumer demand for fuel items.
- 28%** of fuel vendor KIs (58) reported a shortage of fuel items in the last 2 weeks prior to data collection. Reported items were:
  - Cooking gas (49 KIs)
  - Diesel (18 KIs)
  - Petrol (13 KIs)

### Petrol (1 L)

IRG: 1,050 YER ▲ +5%  
DFA: 500 YER ► 0%

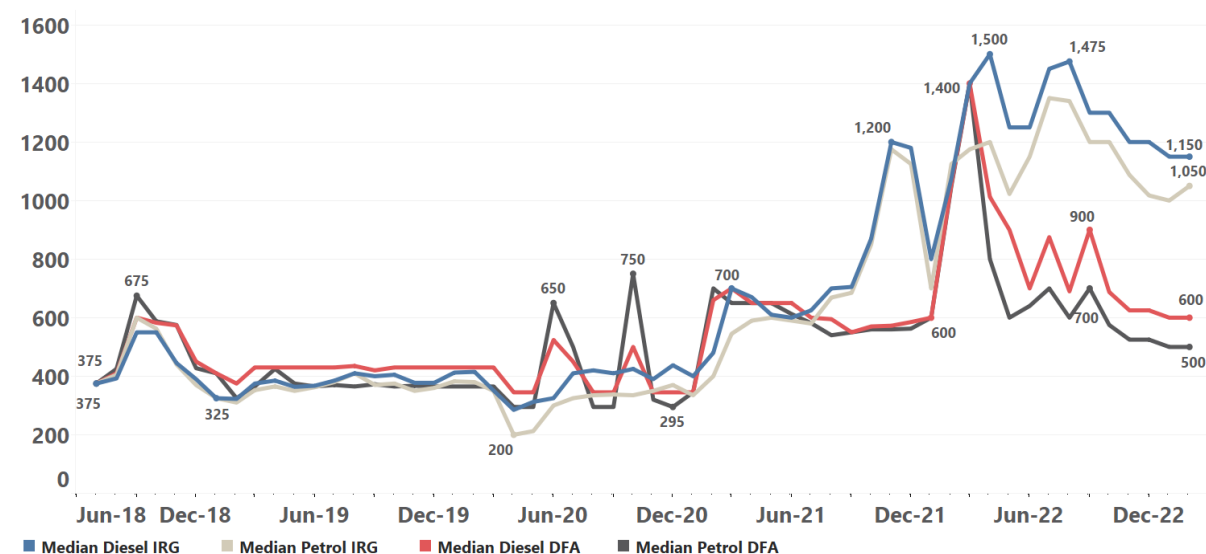
### Diesel (1 L)

IRG: 1,150 YER ► 0%  
DFA: 600 YER ► 0%

### Cooking gas (1 cylinder)

IRG: 14,7530 YER ▲ +11%  
DFA: 8,612 YER ▲ +8%

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



### Constraints reported by fuel vendors

**58%** of the interviewed fuel vendors reportedly face constraints. During the previous month, this proportion was 59%. In February 2023, most commonly reported constraints were:<sup>13</sup>

|                              | 1st choice | 2nd choice | 3rd choice |
|------------------------------|------------|------------|------------|
| Price inflation              | 50%        | 6%         | 2%         |
| High fuel prices             | 18%        | 29%        | 13%        |
| Fuel shortage                | 9%         | 5%         | 13%        |
| Regulations from authorities | 8%         | 10%        | 3%         |
| Damage on the road           | 3%         | 9%         | 3%         |
| Movement restrictions        | 3%         | 5%         | 5%         |
| Difficulty finding supplies  | 3%         | 6%         | 9%         |
| Damage at the marketplace    | 2%         | 1%         | 1%         |
| Decline of consumer demand   | 2%         | 1%         | 6%         |
| Increase of consumer demand  | 1%         | 6%         | 2%         |
| Liquidity shortage           | 1%         | 8%         | 3%         |
| Insecurity and instability   | 0%         | 4%         | 1%         |

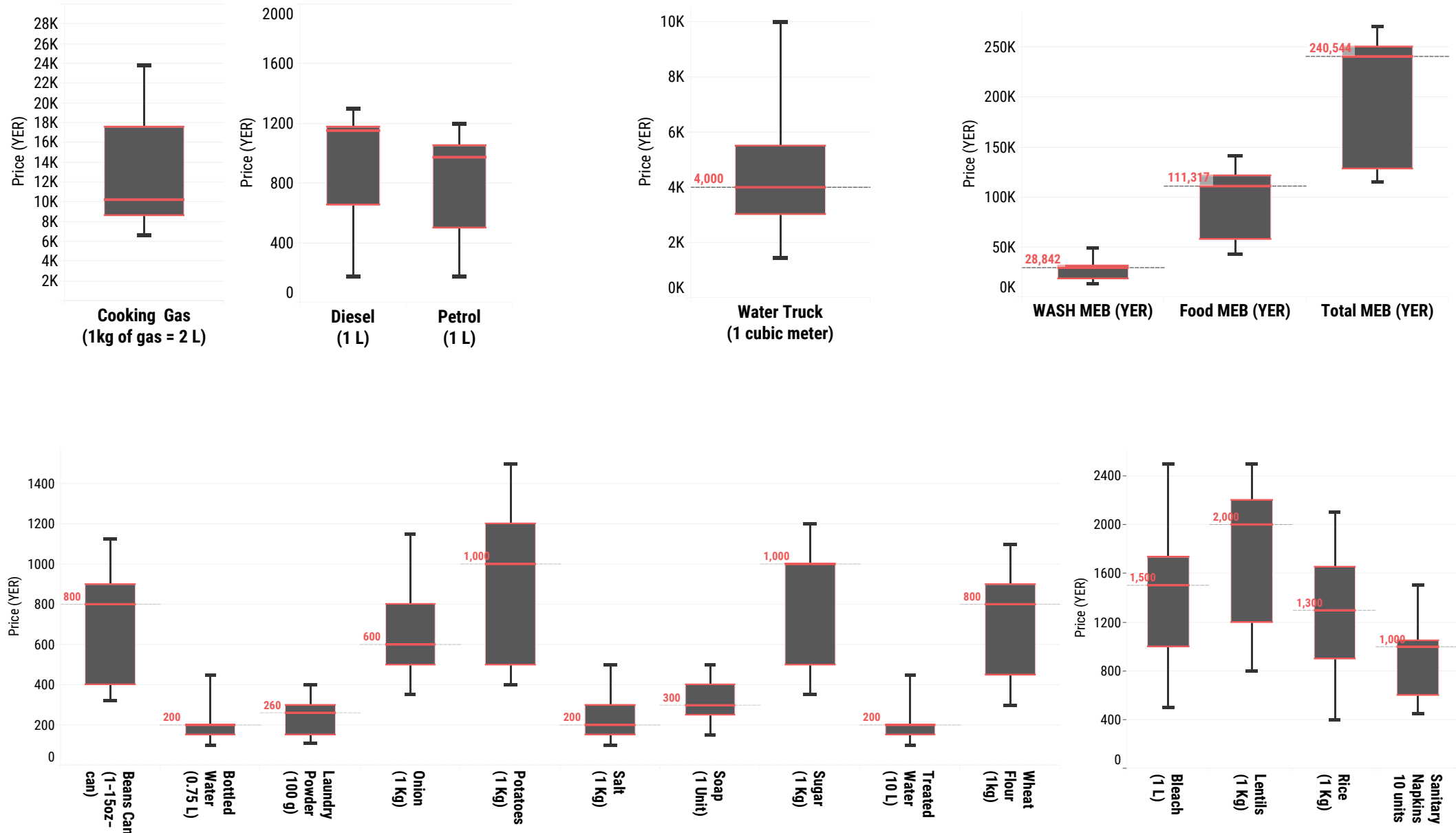
Median price of fuel items in YER, per station type

|     | Fuel item                | YPC/YGC | Commercial | Black market |
|-----|--------------------------|---------|------------|--------------|
| IRG | Petrol (1 L)             | 975     | 1,050      | 1,150        |
|     | Diesel (1 L)             | 1,150   | 1,200      | 1,150        |
|     | Cooking gas (1 cylinder) | 11,847  | 15,452     | 10,600       |
| DFA | Petrol (1 L)             | 500     | 500        | 500          |
|     | Diesel (1 L)             | 600     | 625        | NA           |
|     | Cooking gas (1 cylinder) | 8,612   | 9,275      | 9,275        |

<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

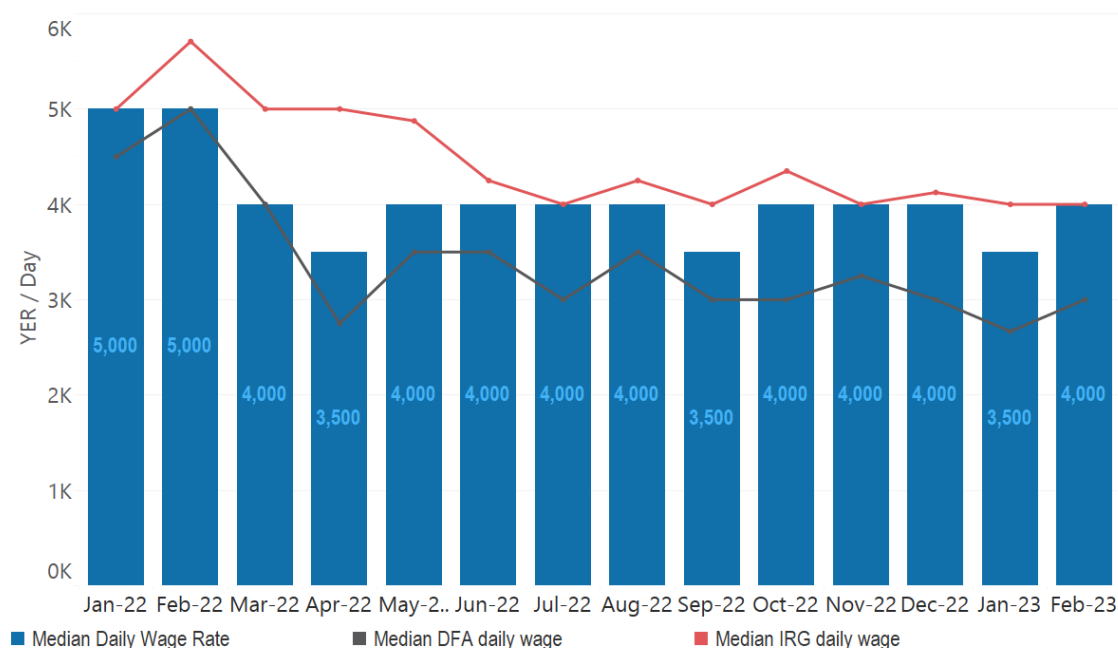




## MINIMUM DAILY WAGE (unskilled work)

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 day-to-day basis without a contract. Three out of four Yemeni households depend on daily casual labour as a 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 will differ depending on the nature of the work, area, and whether services (e.g., food or transportation) are included in the remuneration.

- The median minimum wage 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 in IRG would need to work for **29 days** to afford the median price of the food MEB<sup>14</sup> in **IRG**, if earning the median wage reported by the KIs in this area. In comparison, a casual labourer would need to work for **17 days** to afford the median price of the food MEB<sup>15</sup> in **DFA**, if earning the median reported daily wage.



## PAYMENT MODALITIES

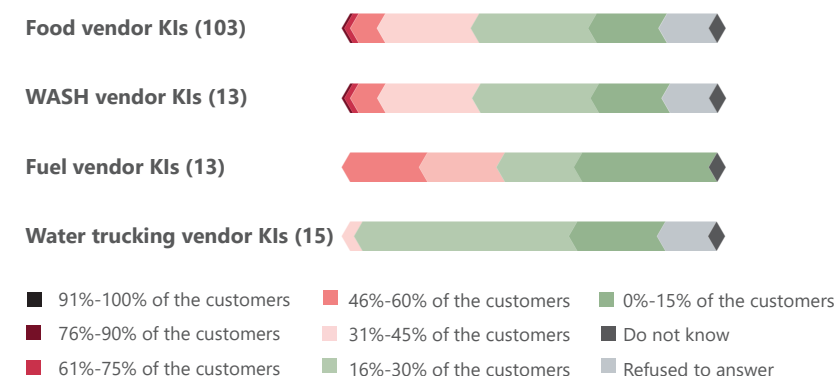
### Accepted payment modalities, per vendor type

| Modality                           | Food | WASH | Fuel | Water trucking |
|------------------------------------|------|------|------|----------------|
| Cash                               | 100% | 100% | 100% | 100%           |
| Informal credit provided by vendor | 56%  | 56%  | 9%   | 16%            |
| Credit cards/debit cards           | 0%   | 0%   | 0%   | 0%             |
| Bartering                          | 1%   | 1%   | 0%   | 0%             |
| Mobile money                       | 4%   | 4%   | 0%   | 1%             |
| Prepaid cards                      | 0%   | 0%   | 0%   | 0%             |

### Purchases on credit

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

### Proportion of customers with an outstanding debt, reported by the vendor KIs<sup>16</sup>



<sup>14</sup> OCHA. Yemen Multi-Cluster Location Needs Assessment. 2022.

<sup>15</sup> The food MEB serves the basic food needs of a household of 7 people for one month, see also page 2.

<sup>16</sup> The number of KIs providing informal credit to customers was below 30 in some cases, therefore the number of KIs is provided in brackets.

## DISTRICT LEVEL PRICES OF MONITORED COMMODITIES

| District             | Governorate | WASH MEB | MEB<br>Food (dry<br>beans) | MEB<br>Food (canned<br>beans) | MEB<br>Total (canned<br>beans) | Petrol<br>1 L | Diesel<br>1 L | Cooking gas<br>1 cylinder | Water Trucking<br>1 m3 | Exchange Rate<br>(YER/1 USD) |
|----------------------|-------------|----------|----------------------------|-------------------------------|--------------------------------|---------------|---------------|---------------------------|------------------------|------------------------------|
| Abs                  | Hajjah      | 13,638   | 53,750                     | 59,150                        | 122,447                        | 500           | 600           | 8,612                     | 1,500                  | 545                          |
| Ad Dhalee            | Al Dhale'e  | 41,364   | 108,900                    | 112,700                       | 248,337                        | 1,100         | 1,200         | 9,275                     | 7,500                  | 1,262                        |
| Al Buraieqeh         | Aden        | 30,439   | 112,550                    | 116,350                       | 241,062                        | 975           | 1,150         | 17,225                    | 5,000                  | 1,245                        |
| Al Had               | Lahj        | 32,089   | 136,583                    | 140,983                       | 266,745                        | 1,000         | 1,200         | 23,850                    | 6,000                  | 1,234                        |
| Al Hawtah            | Lahj        | 34,214   | 120,166                    | 126,466                       | 252,453                        | 1,000         | 1,175         | 15,238                    | 6,000                  | 1,247                        |
| Al Hussein           | Al Dhale'e  | 39,789   | 108,900                    | 112,700                       | 246,762                        | 1,100         | 1,200         | 9,275                     | 7,000                  | 1,263                        |
| Al Khabt             | Al Mahwit   | 15,738   | 49,350                     | 51,950                        | 120,147                        | 550           | 650           | 15,900                    | 2,500                  | 540                          |
| Al Khawkhah          | Al Hudaydah | 28,339   | 107,100                    | 105,900                       | 232,312                        | 1,010         | 1,150         | 17,225                    | 4,000                  | 1,258                        |
| Al Maafer            | Taizz       | 26,188   | 103,917                    | 111,317                       | 228,178                        | 1,125         | 1,225         | 21,200                    | 3,333                  | 1,235                        |
| Al Mahabishah        | Hajjah      | 20,097   | 49,370                     | 50,890                        | 124,526                        | 510           | 610           | 8,202                     | 3,333                  | 540                          |
| Al Mahwait           | Al Mahwit   | 17,188   | 55,138                     | 47,198                        | 119,445                        | 500           | 600           | 10,192                    | 3,000                  | 545                          |
| Al Mansura           | Aden        | 28,939   | 129,083                    | 133,483                       | 256,095                        | 950           | 1,150         | 21,200                    | 5,000                  | 1,245                        |
| Al Maqatirah         | Lahj        | 48,939   | 114,450                    | 116,850                       | 261,462                        | 1,050         | 1,200         | 9,275                     | 10,000                 | 1,248                        |
| Al Mawasit           | Taizz       | 36,739   | 103,950                    | 104,750                       | 238,762                        | 1,100         | 1,200         | 21,200                    | 7,000                  | 1,238                        |
| Al Milah             | Lahj        | 28,289   | 107,700                    | 112,100                       | 234,062                        | 1,050         | 1,150         | NA                        | 4,000                  | 1,268                        |
| Al Mualla            | Aden        | 30,339   | 116,800                    | 121,600                       | 245,212                        | 950           | 1,150         | 8,612                     | 4,000                  | 1,265                        |
| Al Mudhaffar         | Taizz       | 28,158   | 120,550                    | 124,150                       | 246,781                        | 1,175         | 1,250         | 11,867                    | 3,467                  | 1,240                        |
| Al Mukha             | Taizz       | 43,014   | 104,250                    | 105,050                       | 245,337                        | 1,110         | 1,150         | 18,550                    | 9,000                  | 1,245                        |
| Al Qahirah           | Taizz       | 29,813   | 133,800                    | 137,200                       | 261,686                        | 1,200         | 1,300         | 11,769                    | 3,833                  | 1,236                        |
| Al Wahdah            | Sana'a City | 13,676   | 52,085                     | 50,605                        | 119,340                        | 500           | 600           | 8,833                     | 2,000                  | 545                          |
| Al Waziiyah          | Taizz       | 39,631   | 106,100                    | 117,600                       | 243,804                        | 1,015         | 1,150         | 18,550                    | 8,000                  | 1,230                        |
| Amran                | Amran       | 15,739   | 55,750                     | 57,150                        | 126,548                        | 500           | 600           | 7,950                     | 2,167                  | 545                          |
| As Sabain            | Sana'a City | 16,713   | 39,200                     | 43,080                        | 110,972                        | 500           | 600           | 7,950                     | 2,000                  | 545                          |
| As Sukhnah           | Al Hudaydah | 13,913   | NA                         | 53,600                        | 122,572                        | 500           | 600           | 7,950                     | 2,000                  | 545                          |
| Ash Shaikh Outhman   | Aden        | 28,939   | 129,083                    | 133,483                       | 256,095                        | 950           | 1,150         | 21,200                    | 5,000                  | 1,250                        |
| Ash Shamayatayn      | Taizz       | 28,745   | 102,936                    | 113,436                       | 229,754                        | 1,100         | 1,200         | 21,200                    | 3,917                  | 1,240                        |
| Ash Shuayb           | Al Dhale'e  | 29,326   | NA                         | 97,188                        | 224,587                        | 1,050         | 1,150         | 9,275                     | 5,000                  | 1,230                        |
| Aslem                | Hajjah      | NA       | NA                         | 59,150                        | NA                             | 500           | 600           | 8,612                     | NA                     | 545                          |
| At Tuhayat           | Al Hudaydah | NA       | NA                         | 132,000                       | NA                             | 1,050         | 1,100         | 23,850                    | NA                     | 1,250                        |
| Ataq                 | Shabwah     | 28,368   | 117,067                    | 124,467                       | 243,508                        | 1,000         | 1,100         | 6,890                     | 3,676                  | 1,225                        |
| Attawahi             | Aden        | 30,339   | 116,000                    | 120,800                       | 244,412                        | 950           | 1,150         | 8,612                     | 4,000                  | 1,265                        |
| Bajil                | Al Hudaydah | 17,313   | 54,550                     | 61,150                        | 126,922                        | 500           | 650           | 7,950                     | 3,000                  | 545                          |
| Bayt Al Faqiah       | Al Hudaydah | 17,063   | 50,150                     | 51,750                        | 122,272                        | 500           | 600           | 8,745                     | 3,000                  | 545                          |
| Craiter              | Aden        | 30,339   | 116,800                    | 121,600                       | 245,212                        | 950           | 1,150         | 8,612                     | 4,000                  | 1,265                        |
| Dar Sad              | Aden        | 45,789   | 109,300                    | 117,700                       | 253,162                        | 975           | 1,150         | 7,950                     | 9,000                  | 1,250                        |
| Dhubab               | Taizz       | NA       | NA                         | 123,100                       | NA                             | 1,050         | 1,050         | 22,525                    | NA                     | 1,246                        |
| Hajjah City          | Hajjah      | NA       | NA                         | 57,200                        | NA                             | 500           | 600           | 7,288                     | NA                     | 550                          |
| Hays                 | Al Hudaydah | NA       | NA                         | 105,175                       | NA                             | 1,100         | 1,200         | 10,600                    | 5,000                  | 1,270                        |
| Jabal Iyal Yazid     | Amran       | 15,214   | 55,750                     | 55,350                        | 125,623                        | 500           | 600           | 7,950                     | 2,167                  | 545                          |
| Khanfir              | Abyan       | 30,654   | 108,900                    | 115,300                       | 237,627                        | 1,075         | 1,175         | 11,042                    | 4,100                  | 1,237                        |
| Khayran Al Muharraaq | Hajjah      | 18,288   | 48,900                     | 51,300                        | 122,247                        | 525           | 650           | 9,275                     | 3,500                  | 545                          |
| Khur Maksar          | Aden        | 29,079   | 115,900                    | 120,700                       | 243,052                        | 975           | 1,150         | 17,888                    | 3,600                  | 1,265                        |

## CONT.

| District          | Governorate | WASH MEB | MEB<br>Food (dry<br>beans) | MEB<br>Food (canned<br>beans) | MEB<br>Total (canned<br>beans) | Petrol<br>1 L | Diesel<br>1 L | Cooking gas<br>1 cylinder | Water Trucking<br>1 m3 | Exchange Rate<br>(YER/1 USD) |
|-------------------|-------------|----------|----------------------------|-------------------------------|--------------------------------|---------------|---------------|---------------------------|------------------------|------------------------------|
| Kuhlan Ash Sharaf | Hajjah      | 29,313   | 48,900                     | 51,300                        | 133,272                        | 525           | 650           | 9,275                     | 7,000                  | 545                          |
| Maain             | Sana'a City | 12,614   | 53,400                     | 52,000                        | 119,673                        | 500           | 600           | 9,275                     | 1,667                  | 545                          |
| Marib             | Marib       | NA       | 125,000                    | 130,800                       | NA                             | 175           | 1,000         | 6,625                     |                        | 1,255                        |
| Marib City        | Marib       | 20,443   | 110,575                    | 114,975                       | 229,091                        | 175           | 175           | 7,361                     | 1,417                  | 1,239                        |
| Mawza             | Taizz       | 39,364   | 104,667                    | 105,467                       | 242,104                        | 1,050         | 1,200         | 17,225                    | 7,500                  | 1,225                        |
| Qaatabah          | Al Dhale'e  | 33,402   | 105,378                    | 109,358                       | 236,853                        | 1,100         | 1,200         | 14,269                    | 6,000                  | 1,248                        |
| Sabir Al Mawadim  | Taizz       | 20,989   | 102,900                    | 106,700                       | 221,962                        | 1,100         | 1,150         | 9,938                     | 2,000                  | 1,231                        |
| Salh              | Taizz       | 28,983   | 125,400                    | 129,000                       | 252,456                        | 1,150         | 1,250         | 11,146                    | 4,125                  | 1,238                        |
| Tuban             | Lahj        | 27,326   | 115,692                    | 119,936                       | 241,091                        | 950           | 1,150         | 19,213                    | 4,250                  | 1,243                        |
| Washhah           | Hajjah      | NA       | 45,975                     | 47,375                        | NA                             | 600           | 675           | NA                        | NA                     | 540                          |
| Yafaa             | Lahj        | 32,089   | 136,583                    | 140,983                       | 266,745                        | 1,000         | 1,200         | 23,850                    | 6,000                  | 1,245                        |
| Zingibar          | Abyan       | 28,458   | 99,750                     | 106,150                       | 226,281                        | 975           | 1,150         | 17,225                    | 4,444                  | 1,250                        |

## 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. On the first week of every month, enumerators purposefully select vendor KI for an interview, obtaining the price of the cheapest brand in sale. Enumerators aim to interview at least three vendor KIs per monitored item, per district. This month 913 vendors were interviewed. 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

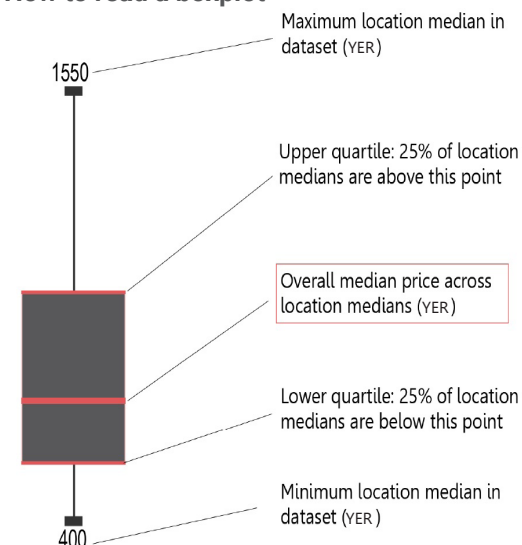
- Due to issues of access, security and partner capacity, the districts included in the JMMI vary on a monthly basis. Consequentially, there is a limited number of districts for which trends can be consistently assessed over time and part of the reported month-to-month price percentage variation may 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 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 representative 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 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.

Contact [impact.yemen@impact-initiatives.org](mailto:impact.yemen@impact-initiatives.org) for inquiries about this product

## 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).