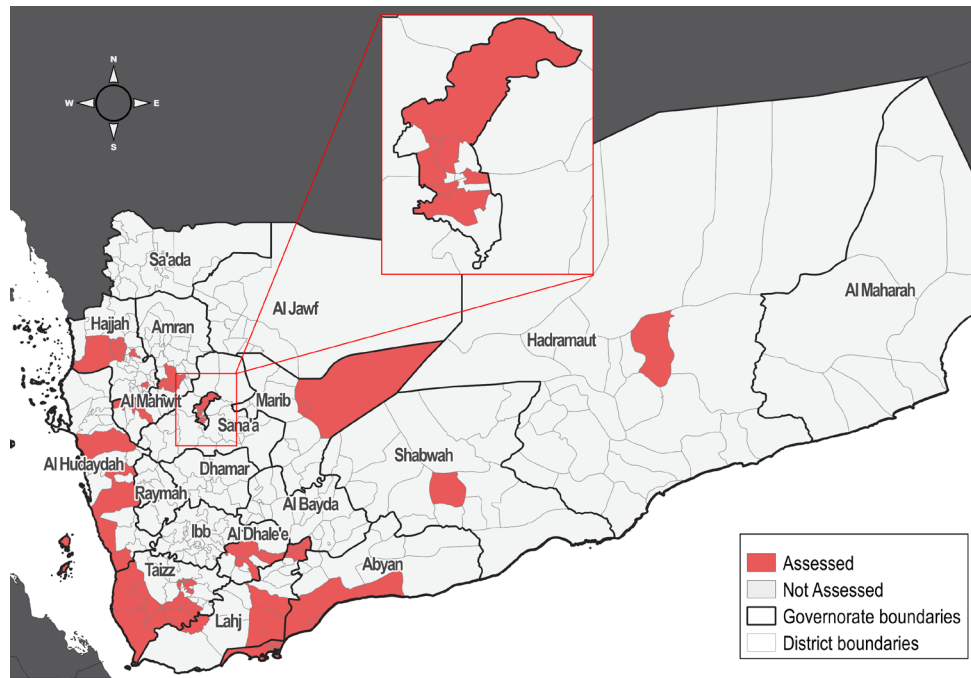


### INTRODUCTION

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

248,410 YER IRG<sup>1</sup> ▲ +2%  
129,906 YER DFA<sup>2</sup> ► 0%

#### WASH MEB

30,389 YER IRG ▲ +9%  
15,082 YER DFA ▼ -1%

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

118,550 YER IRG ▲ +1%  
60,225 YER DFA ▲ +1%

#### Petrol

1,017 YER IRG ▼ -6%  
525 YER DFA ► 0%

#### Exchange rates (USD/YER)

558 ► 0%  
DFA  
Parallel market

1,138 ▼ -2%  
IRG  
Parallel market

530  
Official market  
(Central Bank of Yemen, Aden)

- The median price of the total Minimum Expenditure Basket in the locations assessed this month was similar to the prices found in November 2022. In the Internationally Recognized Government (IRG) the total MEB was found at 248,410 YER while in assessed markets in the De-facto Authorities/Ansar Allah (DFA) the price was 129,906 YER.
- Similarly to the total MEB, a stable price trend is observed in the food MEB in the last months. This reporting month, the cost of the food MEB was found at a median price of 118,550 YER in the IRG and 60,225 YER in the DFA.
- In the IRG, the stability of food prices parallels the trend of the exchange rate (YER/USD), which reportedly traded within a median bandwidth of -2% and +3% between the months of July and December 2022. In December 2022, the median exchange rate was 558 YER/USD in the DFA and 1,138 YER/USD in the IRG.
- The cost of water trucking rose in most assessed areas, leading to an increase by 25% in the reported cost compared to the previous month. Consequentially, the WASH MEB in these areas

- increased by 9% to a median price of 30,389 YER. The main constraints cited by water trucking vendors were inflation, the high cost of fuel, and damage on the road.
- Diesel prices were stable in the assessed districts in the IRG and DFA between November and December 2022, while the price of 1 L of petrol decreased slightly (-6%) in the IRG. The cost of 1 cylinder of cooking gas declined in the DFA with -12% (7,950 YER) compared to the previous month. In assessed locations in the IRG the reported prices remained unchanged compared to the previous month: The cost of 1 cylinder was reported at a median price of 15,395 YER. The price is generally lower at official Yemen Gas Company (YGC) stations (9,314 YER), but it is not widely available in the assessed markets.
- Just 4% of WASH vendor KIs reported a shortage of monitored items in the last two weeks since data collection. The proportion of vendors reporting shortages was 12% for food vendors and 24% for fuel vendors.

### DATA COLLECTION

14 Participating partners  
13 Governorates  
54 Districts  
865 Key informants (KIs) interviewed<sup>3</sup>

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

<sup>1</sup> Refers to areas under nominal control of the Internationally Recognized Government, including the Southern Transitional Council.  
<sup>2</sup> Refers to areas under nominal control of the De-facto Authorities (Ansar Allah).

<sup>3</sup> Due to a change in the survey structure, REACH is now able to calculate the exact number of KIs interviewed. Previously, the average number of price observations per monitored item was reported.

## 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 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>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, December 2022

| Assessed items                  | IRG            | Monthly change | DFA            | Monthly change |
|---------------------------------|----------------|----------------|----------------|----------------|
| Soap (100g)                     | 312            | -5%            | 200            | 0%             |
| Laundry powder (100g)           | 300            | 0%             | 150            | 0%             |
| Sanitary napkins (pack of 10)   | 1,000          | 0%             | 600            | 0%             |
| Water trucking (1 m3)           | 5,000          | +25%           | 2,292          | +15%           |
| Bottled water (0.75 L)          | 200            | 0%             | 120            | 0%             |
| Treated water (10 L)            | 175            | -12%           | 100            | -20%           |
| Bleach (1 L)                    | 1,500          | +5%            | 800            | -8%            |
| Petrol (1 L)                    | 1,017          | -6%            | 525            | 0%             |
| Diesel (1 L)                    | 1,200          | 0%             | 625            | 0%             |
| Cooking gas (1 cylinder)        | 15,395         | +1%            | 7,950          | -12%           |
| <b>WASH MEB</b>                 | <b>30,389</b>  | <b>+9%</b>     | <b>15,082</b>  | <b>-1%</b>     |
| Wheat flour (1 kg)              | 875            | -1%            | 425            | 0%             |
| Rice (1 kg)                     | 1,550          | +5%            | 875            | 0%             |
| Canned kidney beans (15 oz)     | 837            | +3%            | 450            | 0%             |
| Dry kidney beans (1 kg)         | 2,650          | +6%            | 950            | -5%            |
| Lentils (1 kg)                  | 2,000          | 0%             | 1,100          | 0%             |
| Vegetable oil (1L)              | 2,500          | +7%            | 1,275          | +6%            |
| Sugar (1 kg)                    | 1,000          | 0%             | 500            | 0%             |
| Salt (1 kg)                     | 200            | +9%            | 150            | 0%             |
| Potatoes (1 kg)                 | 1,200          | +9%            | 600            | +14%           |
| Onions (1 kg)                   | 1,000          | 0%             | 600            | +9%            |
| <b>Food MEB (dry beans)</b>     | <b>115,389</b> | <b>+2%</b>     | <b>54,550</b>  | <b>0%</b>      |
| <b>Food MEB (canned beans)</b>  | <b>118,550</b> | <b>+1%</b>     | <b>60,225</b>  | <b>+1%</b>     |
| <b>Total MEB (canned beans)</b> | <b>248,410</b> | <b>+2%</b>     | <b>129,906</b> | <b>0%</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).

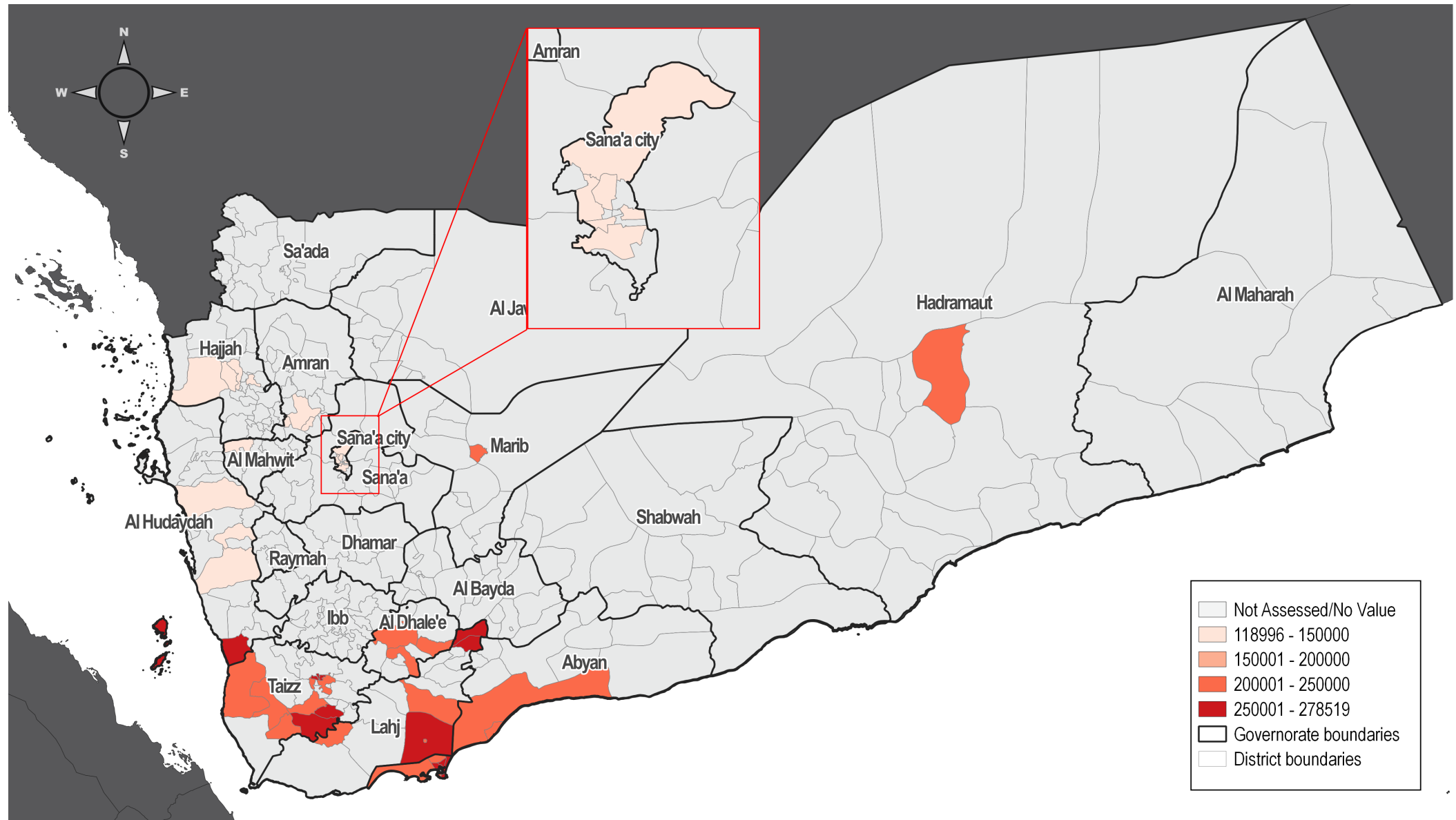
<sup>5</sup>CMWG. 2020. [Guidance Note: The survival minimum expenditure basket and setting transfer values](#). Lump sum value was in total 50,600 YER in the IRG and 44,000 YER in the DFA.

<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

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: 118,550YER ▲ +1%

DFA: 60,225 YER ▲ +1%

- The difference between the median price of the food MEB in the assessed locations in the IRG and DFA was 58,325 YER. The median DFA price is 49% lower than the cost of the food MEB measured in the IRG.
- The price of the food MEB in the IRG has been relatively unchanged since March 2022 (118,825 YER), indicating a stabilisation of market prices for essential food items. This is also the case for the food MEB in DFA areas, where little changes were observed over the last 12 months.
- Of the governorates assessed, the highest median price of the food MEB (with canned beans) in the DFA was **Amran** governorate (61,750 YER). In the IRG, **Lahj** governorate had the highest food MEB price, at 127,533 YER.
- Of the food prices monitored in the DFA, the price of vegetable oil changed the most

compared to the previous month. It **increased** by **6%** and the median price this month was 1,275 YER per 1 L median.

- In the IRG, the monitored food item with the largest price change was **salt**; The median price is 200 YER per 1 kg and increased by **9%** compared to the previous month.
- Prices of monitored items per assessed district can be found on page 10.

### Availability of monitored food items

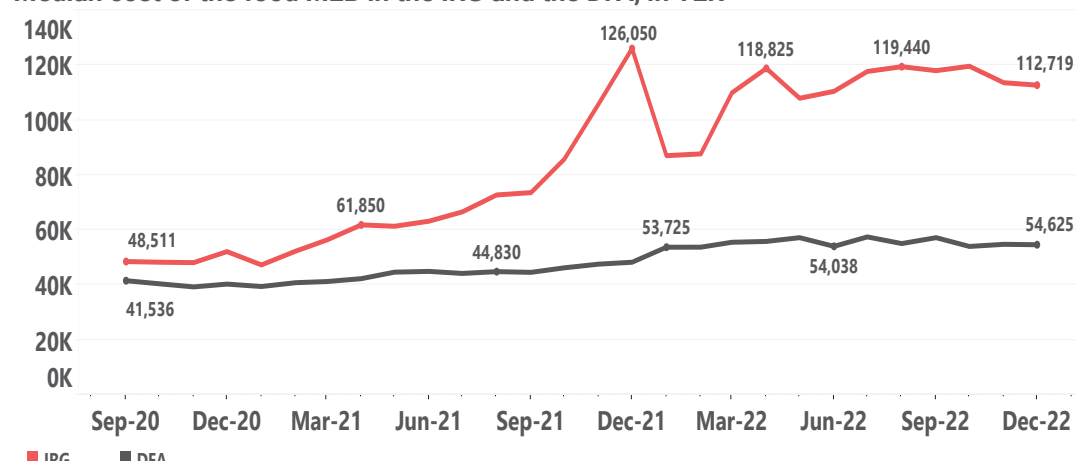
- **4%** of food vendor KIs (33) reported being unable to meet a 50% increase of consumer demand of food items.
- **12%** of food vendor KIs (27) reported a shortage of food items in the last 2 weeks prior to data collection. Most commonly reported items were:
  - Dry kidney beans (16 KIs)
  - Wheat flour (11 KIs)
  - Lentils (8 KIs)

### Constraints reported by food vendors

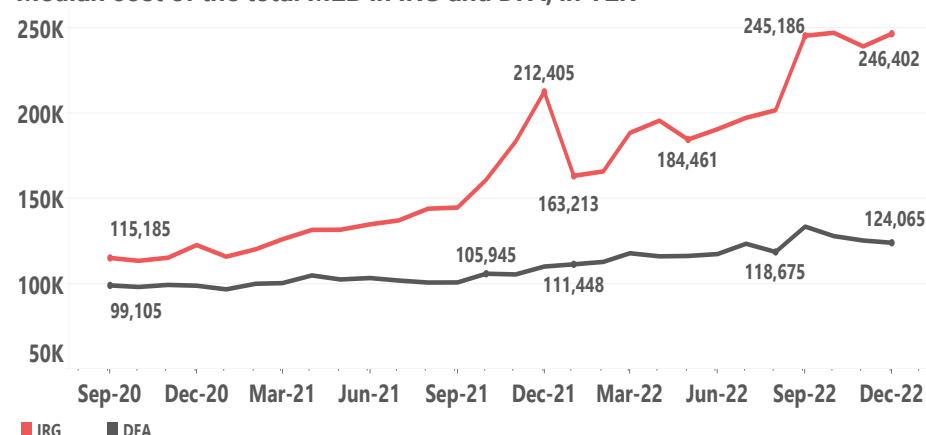
**65%** of the interviewed food vendors reportedly face constraints. The previous month, this proportion was 58%. This month, the most commonly reported constraints were:<sup>8</sup>

|                              | 1st choice | 2nd choice | 3rd choice |
|------------------------------|------------|------------|------------|
| Price inflation              | 72%        | 7%         | 8%         |
| Regulations from authorities | 9%         | 5%         | 9%         |
| High fuel prices             | 9%         | 31%        | 17%        |
| Other                        | 3%         | 2%         | 1%         |
| Damage on the road           | 2%         | 7%         | 7%         |
| Movement restrictions        | 2%         | 6%         | 3%         |
| Decline of consumer demand   | 1%         | 7%         | 4%         |
| Insecurity and instability   | 1%         | 0%         | 0%         |
| Liquidity shortage           | 1%         | 14%        | 6%         |
| Difficulty finding supplies  | 1%         | 2%         | 1%         |
| Fuel shortage                | 0%         | 2%         | 2%         |
| Damage at the marketplace    | 0%         | 0%         | 3%         |

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



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: 30,389 YER ▲ +9%

DFA: 15,082 YER ▼ -1%

- In the reporting period, the median WASH MEB price in the assessed locations in the DFA was 50% lower than the median of the assessed locations in the IRG. The price difference was 15,307 YER.
- Of the WASH items monitored in the DFA, the largest price change occurred in **water trucking**; the median price was 2,292 YER per 1 cubic meter and had increased by 15% 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 by 25% compared to the previous month.
- The governorate with the highest WASH MEB in the DFA was **Hajjah** at 18,325 YER. In the IRG, it

was **Al Hudaydah** governorate at 39,270 YER.

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

### Availability of monitored WASH items

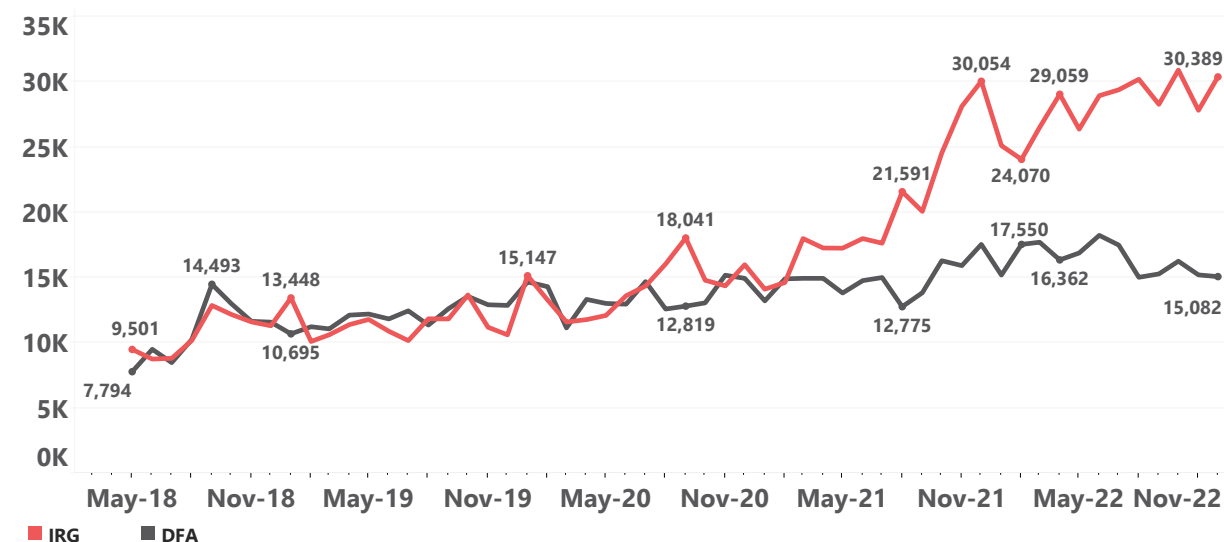
- **3%** of WASH vendor KIs (30) reported being unable to meet a 50% increase of consumer demand of WASH items.
- **3%** of trucked water vendor KIs (24) reported being unable to meet a 50% increase of consumer demand of water trucking.
- **4%** of WASH vendor KIs (10) reported a shortage of WASH items in the last 2 weeks prior to data collection. Most commonly reported items were:
  - Treated water (in jerrycans) (5 KIs)
  - Bleach (3 KI)
  - Laundry powder (2 KI)

### Constraints reported by WASH vendors

**57%** of the interviewed WASH vendors reportedly face constraints. The previous month, this proportion was 54%. This month, the most commonly reported constraints were:<sup>10</sup>

|                              | 1st choice | 2nd choice | 3rd choice |
|------------------------------|------------|------------|------------|
| Price inflation              | 69%        | 6%         | 8%         |
| High fuel prices             | 11%        | 28%        | 19%        |
| Regulations from authorities | 6%         | 5%         | 9%         |
| Decline of consumer demand   | 5%         | 9%         | 5%         |
| Liquidity shortage           | 3%         | 12%        | 5%         |
| Movement restrictions        | 2%         | 5%         | 2%         |
| Other                        | 2%         | 2%         | 1%         |
| Increase of consumer demand  | 1%         | 2%         | 1%         |
| Fuel shortage                | 1%         | 4%         | 1%         |
| Damage on the road           | 0%         | 7%         | 7%         |
| Difficulty finding supplies  | 0%         | 2%         | 2%         |
| Insecurity and instability   | 0%         | 1%         | 0%         |

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



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

IRG: 5,000 YER ▼ -11%

DFA 2,292 YER ▲ +25%

| Chlorination rate | Percentage | Water source                | Percentage |
|-------------------|------------|-----------------------------|------------|
| Not chlorinated   | 67%        | Pumping Station or Borehole | 82%        |
| Chlorinated       | 30%        | Treatment Station           | 15%        |
| Do not know       | 3%         | Water Spring                | 3%         |
|                   |            | Other                       | 0%         |

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

### Constraints reported by water truckers

**58%** of the interviewed water truckers reportedly face constraints. The previous month, this proportion was 54%. This month, the most commonly reported constraints were:<sup>11</sup>

|                              | 1st choice | 2nd choice | 3rd choice |
|------------------------------|------------|------------|------------|
| High fuel prices             | 38%        | 37%        | 7%         |
| Price inflation              | 27%        | 5%         | 7%         |
| Damage on the road           | 16%        | 15%        | 14%        |
| Regulations from authorities | 7%         | 1%         | 1%         |
| Increase of consumer demand  | 5%         | 5%         | 3%         |
| Decline of consumer demand   | 4%         | 4%         | 3%         |
| Fuel shortage                | 3%         | 7%         | 12%        |
| Liquidity shortage           | 0%         | 4%         | 3%         |
| Movement restrictions        | 0%         | 3%         | 0%         |
| Other                        | 0%         | 2%         | 7%         |
| Difficulty finding supplies  | 0%         | 1%         | 4%         |
| Insecurity and instability   | 0%         | 0%         | 2%         |

## EXCHANGE RATE

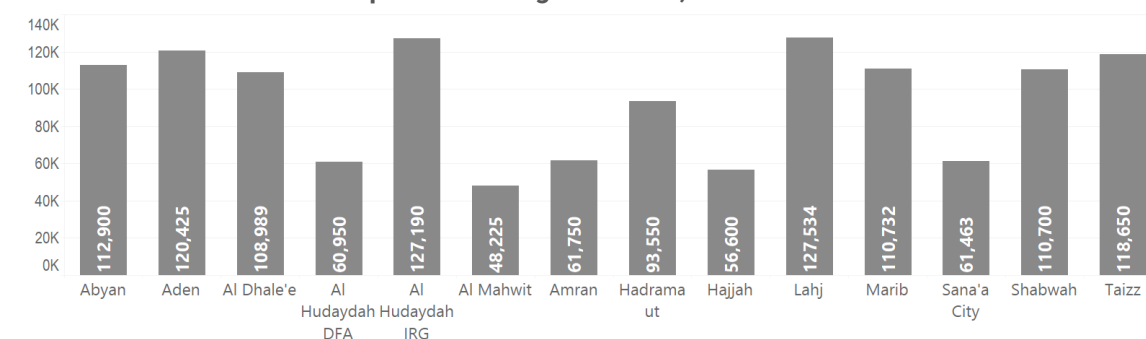
### Price of 1 USD/YER (median)

IRG: 1,138 YER ▼ -2%

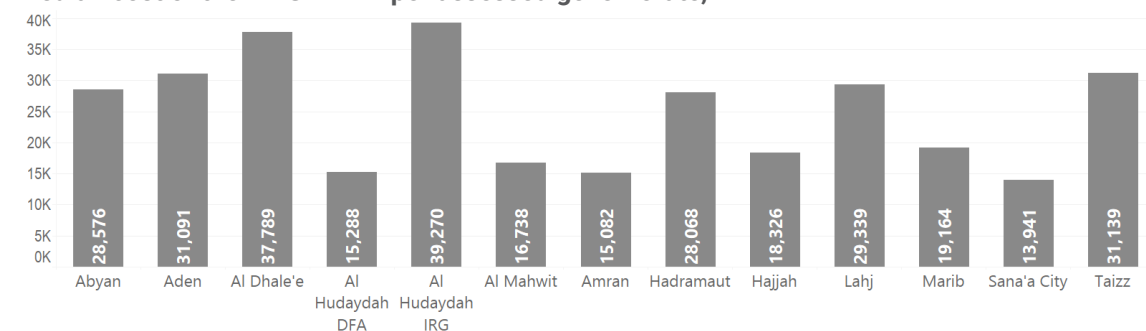
DFA: 558 YER ► 0%

- Exchange rates in IRG areas were reported at median price of 1,138 YER/USD. This was a depreciation 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 558 YER/USD, a change of 0% compared to the previous month.

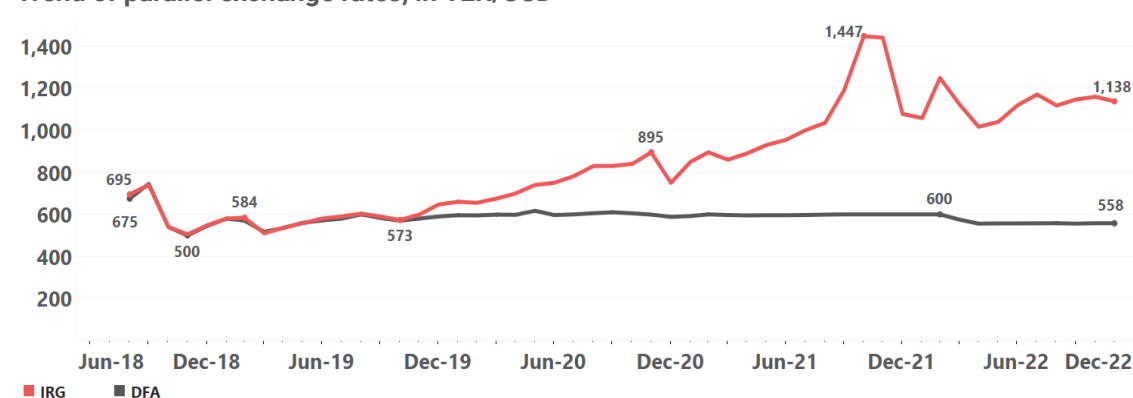
### Median cost of the food MEB per assessed governorate, in YER



### 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 **31%** were held at stations affiliated with the Yemen Petroleum Company (YPC) or the Yemen Gas Company (YGC), **69%** 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 492 YER for 1 L of petrol, 575 YER for 1 L of diesel and 7,446 YER for 1 cylinder of 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, **Lahj** had the highest median price of cooking gas (19,212

YER). The lowest median price per governorate was found in **Marib** (5,521 YER).

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

### Availability of monitored items

- 12%** of fuel vendor KIs (100) reported being unable to meet a 50% increase of consumer demand of fuel items.
- 24%** of fuel vendor KIs (51) reported a shortage of fuel items in the last 2 weeks prior to data collection. Reported items were:
  - Cooking gas (41 KIs)
  - Diesel (12 KIs)
  - Petrol (3 KIs)

### Petrol (1 L)

IRG: 1,017 YER ▼ -6%  
DFA: 525 YER ► 0%

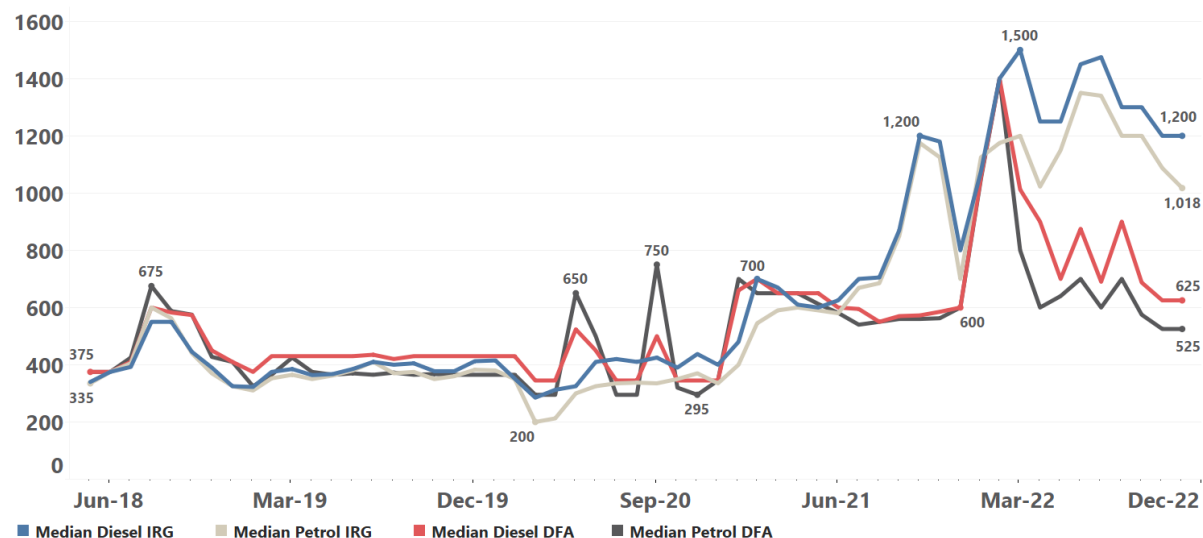
### Diesel (1 L)

IRG: 1,200 YER ► 0%  
DFA: 625 YER ► 0%

### Cooking gas (1 cylinder)

IRG: 15,395 YER ▲ +1%  
DFA: 7,950 YER ▼ -12%

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



### Constraints reported by fuel vendors

**67%** 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              | 53%        | 11%        | 2%         |
| High fuel prices             | 19%        | 23%        | 12%        |
| Regulations from authorities | 10%        | 3%         | 4%         |
| Fuel shortage                | 8%         | 16%        | 14%        |
| Movement restrictions        | 3%         | 2%         | 5%         |
| Damage on the road           | 2%         | 8%         | 15%        |
| Increase of consumer demand  | 2%         | 4%         | 5%         |
| Difficulty finding supplies  | 2%         | 8%         | 3%         |
| Insecurity and instability   | 1%         | 1%         | 2%         |
| Liquidity shortage           | 1%         | 11%        | 2%         |
| Other                        | 1%         | 1%         | 0%         |
| Decline of consumer demand   | 0%         | 2%         | 1%         |

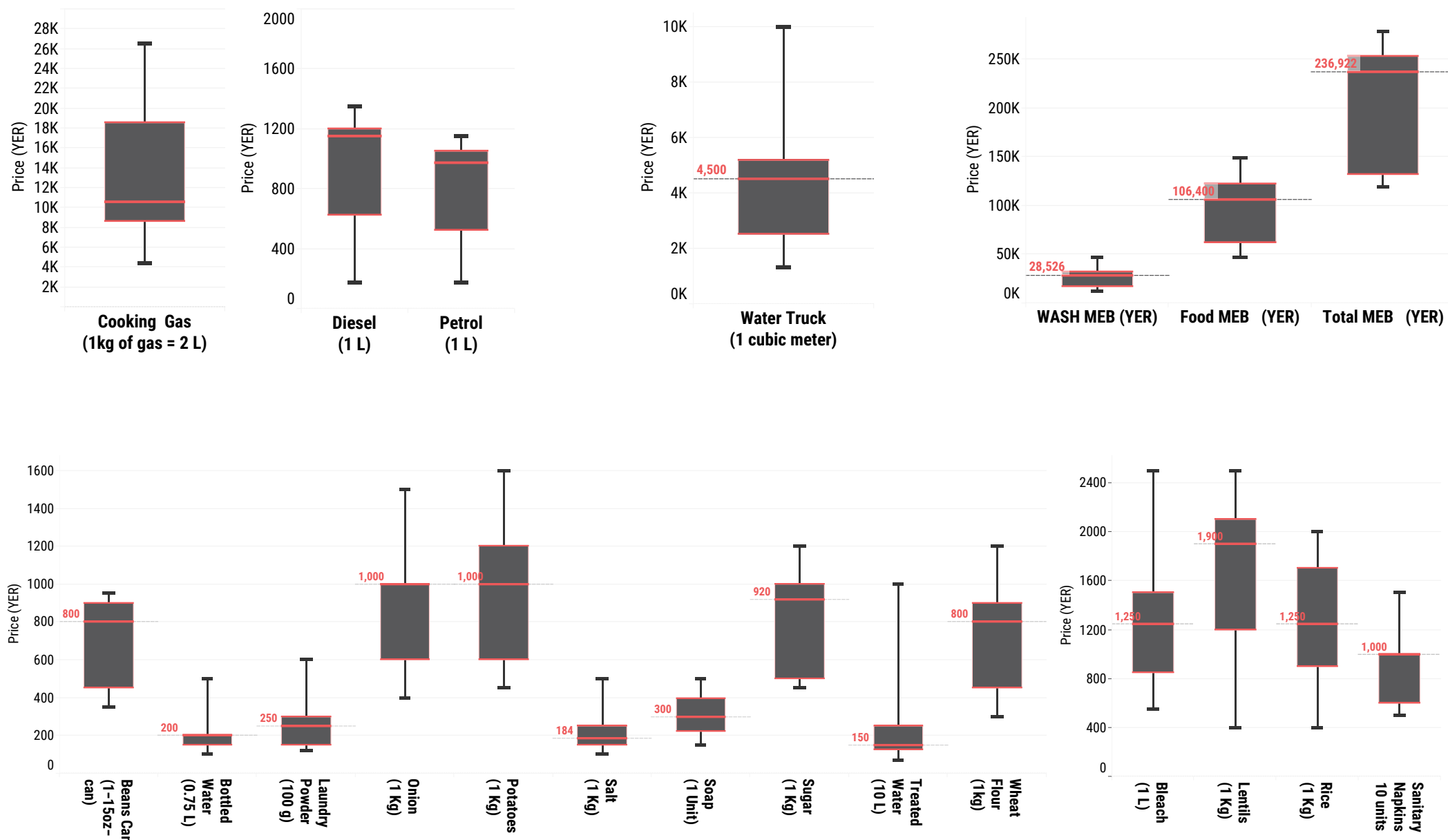
Median price of fuel items in YER, per station type

|     | Fuel item                | YPC/YGC | Commercial | Black market |
|-----|--------------------------|---------|------------|--------------|
| IRG | Petrol (1 L)             | 975     | 1,050      | 1,100        |
|     | Diesel (1 L)             | 1,150   | 1,200      | 1,200        |
|     | Cooking gas (1 cylinder) | 9,314   | 15,503     | 10,600       |
| DFA | Petrol (1 L)             | 525     | 525        | 600          |
|     | Diesel (1 L)             | 625     | 625        | NA           |
|     | Cooking gas (1 cylinder) | 7,950   | 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



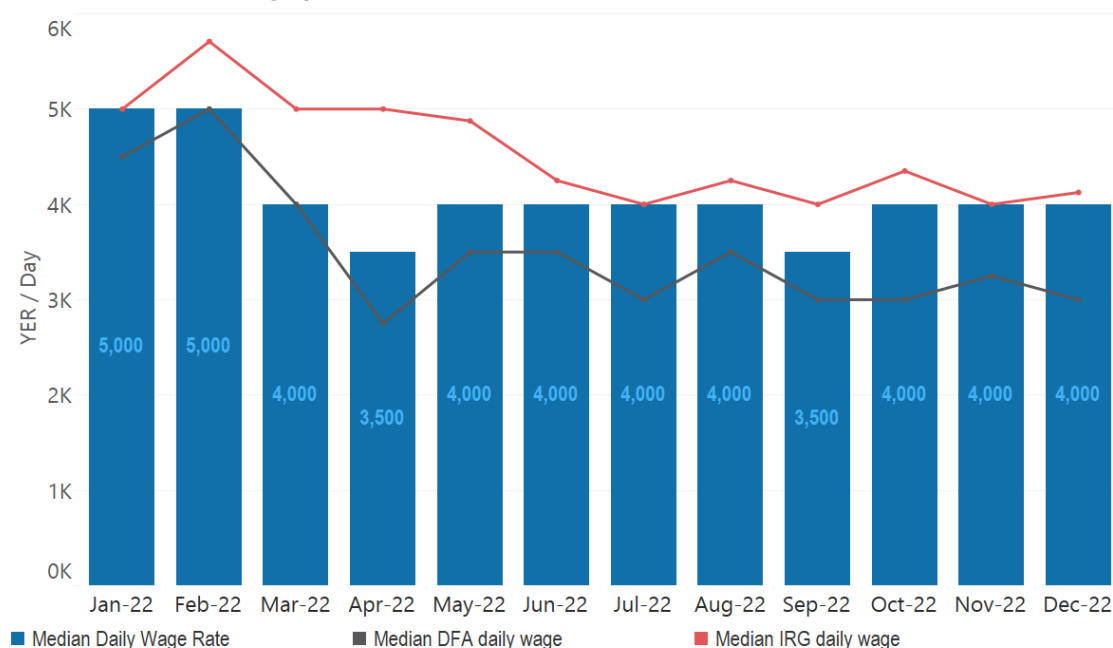


## MINIMUM DAILY WAGE (unskilled work)

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>14</sup> The JMIMI 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 **3,500 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 the IRG would need to work for **29 days** to afford the median price of the food MEB<sup>15</sup> in the **IRG**, if earning the median wage reported by the KIs in this area. In comparison, a casual labourer would need to work for **20 days** to afford the median price of the food MEB<sup>15</sup> in the **DFA**, if earning the median reported daily wage.

Trend of minimum wage prices



## PAYMENT MODALITIES

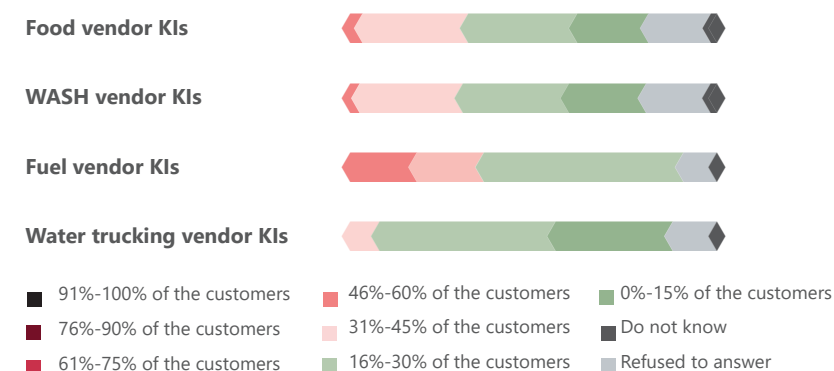
Accepted payment modalities, per vendor type

| Modality                           | Food | WASH | Fuel | Water trucking |
|------------------------------------|------|------|------|----------------|
| Cash                               | 100% | 100% | 100% | 100%           |
| Informal credit provided by vendor | 51%  | 50%  | 5%   | 14%            |
| Credit cards/debit cards           | 0%   | 0%   | 0%   | 0%             |
| Bartering                          | 0%   | 0%   | 0%   | 0%             |
| Mobile money                       | 4%   | 4%   | 1%   | 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 the KI 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 won customers. A vendor offering credit purchases, see 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>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.

## 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      | 18,363   | 50,000                     | 55,400                        | 123,496                        | 525           | 625           | 8,613                     | 3,000                  | 560                          |
| Ad Dhalee            | Al Dhale'e  | 37,789   | 110,200                    | 111,000                       | 246,302                        | 1,250         | 1,450         | 9,275                     | 7,000                  | 1,136                        |
| Al Buraiqeh          | Aden        | 28,526   | NA                         | 112,288                       | 239,127                        | 975           | 1,150         | 15,503                    | 4,500                  | 1,138                        |
| Al Had               | Lahj        | 32,089   | 143,717                    | 148,117                       | 274,119                        | 975           | 1,200         | 26,500                    | 6,000                  | 1,150                        |
| Al Hawtah            | Lahj        | 24,959   | 104,850                    | 113,650                       | 228,122                        | 990           | 1,100         | 15,900                    | 4,000                  | 1,140                        |
| Al Khabt             | Al Mahwit   | 16,738   | 41,525                     | 47,125                        | 113,396                        | 650           | 750           | 14,133                    | 2,500                  | 560                          |
| Al Khawkhah          | Al Hudaydah | 39,270   | 121,530                    | 122,130                       | 259,113                        | 1,150         | 1,275         | 21,863                    | 7,500                  | 1,145                        |
| Al Maafer            | Taizz       | 29,836   | 98,640                     | 99,440                        | 226,789                        | 1,050         | 1,175         | 19,875                    | 5,000                  | 1,139                        |
| Al Mahwait           | Al Mahwit   | NA       | 43,725                     | 49,325                        | NA                             | 650           | 750           | 14,133                    | NA                     | 560                          |
| Al Mansura           | Aden        | 28,939   | 128,417                    | 132,817                       | 255,669                        | 975           | 1,200         | 21,200                    | 5,000                  | 1,140                        |
| Al Maqatirah         | Lahj        | 28,689   | 113,150                    | 121,950                       | 240,152                        | 1,100         | 1,200         | 17,225                    | 5,000                  | 1,140                        |
| Al Mawasit           | Taizz       | 47,186   | 119,200                    | 126,600                       | 264,699                        | 1,050         | 1,150         | 17,327                    | 10,000                 | 1,140                        |
| Al Milah             | Lahj        | 21,989   | 98,300                     | 99,100                        | 218,602                        | 975           | 1,150         | 10,766                    | 2,000                  | 1,125                        |
| Al Mualla            | Aden        | 33,489   | 117,750                    | 118,550                       | 249,552                        | 975           | 1,150         | 8,613                     | 5,000                  | 1,131                        |
| Al Mudhaffar         | Taizz       | 29,063   | 126,700                    | 131,700                       | 254,076                        | 1,100         | 1,200         | 9,938                     | 3,833                  | 1,135                        |
| Al Mukha             | Taizz       | 31,939   | 99,600                     | 106,400                       | 229,852                        | 1,050         | 1,125         | 23,850                    | 5,000                  | 1,155                        |
| Al Qahirah           | Taizz       | 30,339   | 122,750                    | 130,150                       | 251,402                        | 1,100         | 1,200         | 9,938                     | 4,000                  | 1,138                        |
| Al Wahdah            | Sana'a City | 14,398   | 62,100                     | 62,220                        | 131,631                        | 525           | 625           | 7,950                     | 2,000                  | 558                          |
| Al Waziiyah          | Taizz       | 40,204   | 102,000                    | 104,400                       | 240,517                        | 1,100         | 1,200         | 19,213                    | 8,000                  | 1,131                        |
| Amran                | Amran       | 14,951   | 54,550                     | 61,750                        | 124,634                        | 525           | 625           | 6,890                     | 2,084                  | 558                          |
| As Sabain            | Sana'a City | 14,950   | 65,050                     | 68,250                        | 135,133                        | 525           | 625           | 7,950                     | 2,000                  | 558                          |
| As Sukhnah           | Al Hudaydah | 15,738   | 54,800                     | 61,000                        | 125,671                        | 525           | 650           | 7,950                     | 2,500                  | 558                          |
| Ash Shaikh Outhman   | Aden        | 28,939   | 119,267                    | 124,667                       | 246,519                        | 975           | 1,150         | 21,200                    | 5,000                  | 1,137                        |
| Ash Shamayatayn      | Taizz       | 41,788   | 115,389                    | 121,289                       | 255,490                        | 1,050         | 1,150         | 18,550                    | 8,500                  | 1,138                        |
| Ash Shuayb           | Al Dhale'e  | 28,014   | NA                         | 95,200                        | 221,527                        | 1,050         | 1,200         | 9,275                     | 5,000                  | 1,145                        |
| Aslem                | Hajjah      | 16,788   | 50,000                     | 55,400                        | 121,921                        | 525           | 625           | 8,944                     | 2,500                  | 559                          |
| At Tuhayat           | Al Hudaydah | NA       | NA                         | 132,250                       | NA                             | 1,100         | 1,200         | 23,850                    | NA                     | 1,136                        |
| Ataq                 | Shabwah     | NA       | NA                         | 110,700                       | NA                             | 1,025         | 1,050         | 9,938                     | NA                     | 1,100                        |
| Aththaorah           | Sana'a City | 13,483   | 54,700                     | 60,900                        | 123,316                        | 525           | 600           | 7,950                     | 1,300                  | 556                          |
| Attawahi             | Aden        | 30,439   | 117,750                    | 118,550                       | 246,502                        | 975           | 1,150         | 8,613                     | 5,000                  | 1,132                        |
| Azzal                | Sana'a City | 12,483   | 55,050                     | 61,750                        | 122,666                        | 525           | 600           | 7,950                     | 1,300                  | 556                          |
| NAjil                | Al Hudaydah | 14,838   | 45,025                     | 49,625                        | 114,996                        | 575           | 675           | 10,600                    | 2,500                  | 558                          |
| NAni Al Harith       | Sana'a City | 13,483   | 54,475                     | 61,175                        | 123,091                        | 525           | 600           | 7,950                     | 1,300                  | 556                          |
| NAYt Al Faqiah       | Al Hudaydah | 15,288   | 54,750                     | 60,950                        | 125,171                        | 525           | 650           | 7,950                     | 2,500                  | 558                          |
| Craiter              | Aden        | 32,439   | 117,700                    | 125,100                       | 248,452                        | 975           | 1,150         | 8,613                     | 5,000                  | 1,132                        |
| Dar Sad              | Aden        | 31,742   | 112,000                    | 118,000                       | 242,055                        | 988           | 1,125         | 15,238                    | 5,700                  | 1,140                        |
| Dhubab               | Taizz       | NA       | NA                         | 111,700                       | NA                             | 1,050         | 1,175         | 21,200                    | NA                     | 1,140                        |
| Hajjah City          | Hajjah      | NA       | NA                         | 57,200                        | NA                             | 525           | 625           | 8,613                     | NA                     | 558                          |
| Jabal Iyal Yazid     | Amran       | 15,213   | 57,550                     | 61,750                        | 127,896                        | 525           | 625           | 7,950                     | 2,000                  | 558                          |
| Khanfir              | Abyan       | 26,712   | 116,150                    | 122,550                       | 241,175                        | 1,010         | 1,200         | 11,042                    | 3,500                  | 1,130                        |
| Khayran Al Muharraaq | Hajjah      | 18,288   | 48,400                     | 56,600                        | 121,821                        | 525           | 625           | 10,600                    | 3,500                  | 556                          |
| Khur Maksar          | Aden        | 42,939   | 121,500                    | 122,300                       | 262,752                        | 968           | 1,350         | 9,275                     | 8,000                  | 1,132                        |

## 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   | 48,400                     | 56,600                        | 132,846                        | 525           | 625           | 10,600                    | 7,000                  | 556                          |
| Maain             | Sana'a City | 14,713   | 57,350                     | 59,550                        | 127,196                        | 525           | 625           | 7,950                     | 2,000                  | 558                          |
| Marib             | Marib       | NA       | 103,000                    | 115,400                       | NA                             | 175           | 1,200         | 4,417                     | NA                     | 1,130                        |
| Marib City        | Marib       | 19,164   | 102,264                    | 106,064                       | 219,741                        | 175           | 175           | 6,625                     | 1,500                  | 1,135                        |
| Mawza             | Taizz       | 41,439   | 102,700                    | 105,100                       | 242,452                        | 1,100         | 1,200         | 18,550                    | 8,000                  | 1,132                        |
| Qaatabah          | Al Dhale'e  | 41,464   | 108,789                    | 108,989                       | 248,566                        | 1,050         | 1,175         | 15,288                    | 8,500                  | 1,135                        |
| Sabir Al Mawadim  | Taizz       | 25,189   | 111,250                    | 118,650                       | 234,752                        | 1,100         | 1,200         | 10,600                    | 3,000                  | 1,136                        |
| Salh              | Taizz       | 28,076   | 122,900                    | 127,600                       | 249,289                        | 1,100         | 1,200         | 10,269                    | 4,000                  | 1,141                        |
| Tarim             | Hadramaut   | 28,068   | 91,950                     | 93,550                        | 218,331                        | 1,000         | 1,100         | 9,353                     | 5,000                  | 1,139                        |
| Tuban             | Lahj        | 29,988   | 128,717                    | 133,117                       | 257,018                        | 975           | 1,200         | 21,200                    | 5,333                  | 1,140                        |
| Yafaa             | Lahj        | 32,089   | 136,867                    | 141,267                       | 267,269                        | 975           | 1,200         | 26,500                    | 6,000                  | 1,145                        |
| Zingibar          | Abyan       | 30,439   | 100,450                    | 103,250                       | 229,202                        | 1,010         | 1,200         | 19,213                    | 5,000                  | 1,140                        |

## 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](#).

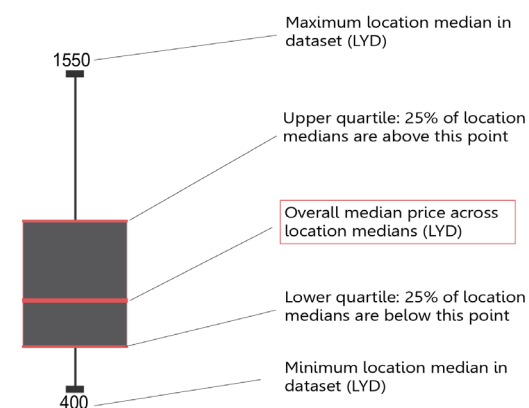
## LIMITATIONS

- 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 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).