



### Introduction

The Yemen Joint Market Monitoring Initiative (JMMI) was launched by REACH in collaboration with the Water, Sanitation, and Hygiene (WASH) Cluster and the Cash and Market Working Group (CMWG) to support humanitarian actors with the harmonization of price monitoring among all cash actors in Yemen.

The JMMI is a monthly survey of market systems. The basket of goods assessed includes 10 non-food items (NFIs), such as fuel, water, and hygiene products, reflecting the programmatic areas of the WASH Cluster. The JMMI tracks all components of the WASH and Food Survival Minimum Expenditure Basket (SMEB) as well as other food and non-food items. In addition to price monitoring, the JMMI includes indicators of market functionality, such as questions to infer the supply chain, vendors' constraints and ability to meet demands.

### Methodology

Data was collected through interviews with vendor key informants (KIs), selected by partner organisations from markets of various sizes in both urban and rural areas. A minimum of three price quotations, per district, must be obtained. Following data collection, REACH compiles, cleans and analyzes all data, through detailed follow-ups with partners. REACH uses medians to aggregate findings to district, governorate, de-facto authorities (DFA), internationally recognized government (IRG), and national level. It also calculates SMEB prices. Findings are indicative for the assessed locations and time frame in which the data was collected. Please refer to page 12 for additional methodological details.

### JMMI monthly figures

Data collection 3rd- 8th of April

14 Participating partners

13 Governorates assessed

54 Districts assessed

192 Prices collected per monitored item (average)

### Median prices of assessed items

Assessed items	IRG	Monthly change	DFA	Monthly change
Soap (100g)	350	+17%	200	0%
Laundry powder (100 g)	273	+9%	150	0%
Sanitary napkins (pack of 10)	1000	0%	600	0%
Water trucking (1 m³)	4000	+12%	2250	-36%
Bottled water (0.75 L)	200	0%	150	0%
Treated water (10 L)	150	0%	135	-33%
Bleach (1 L)	1600	+7%	816	-3%
Petrol (1L)	1200	+2%	800	-43%
Diesel (1L)	1500	+7%	1012	-28%
Cooking gas (1 cylinder)	10000	-17%	13065	+7%
<b>WASH SMEB*</b>	<b>29059</b>	<b>+10%</b>	<b>16362</b>	<b>-8%</b>
Wheat flour (1 kg)	865	+8%	400	0%
Rice (1 kg)	1500	+3%	900	-10%
Canned kidney beans (15 oz)	900	+13%	450	0%
Dry kidney beans (1 kg)	2500	-11%	700	-30%
Lentils (1 kg)	2100	+5%	1000	0%
Vegetable oil (1L)	3000	+6%	1200	-8%
Sugar (1 kg)	1000	0%	500	0%
Salt (1 kg)	200	0%	150	0%
Potatoes (1 kg)	1000	+43%	500	+11%
Onions (1 kg)	500	0%	400	0%
<b>Food SMEB<sup>^</sup> (canned beans)</b>	<b>123500</b>	<b>+8%</b>	<b>58003</b>	<b>+1%</b>
<b>Food SMEB<sup>^</sup> (dry beans)</b>	<b>116300</b>	<b>+6%</b>	<b>54515</b>	<b>+7%</b>
<b>Total SMEB**</b>	<b>195525</b>	<b>+3%</b>	<b>116125</b>	<b>-2%</b>

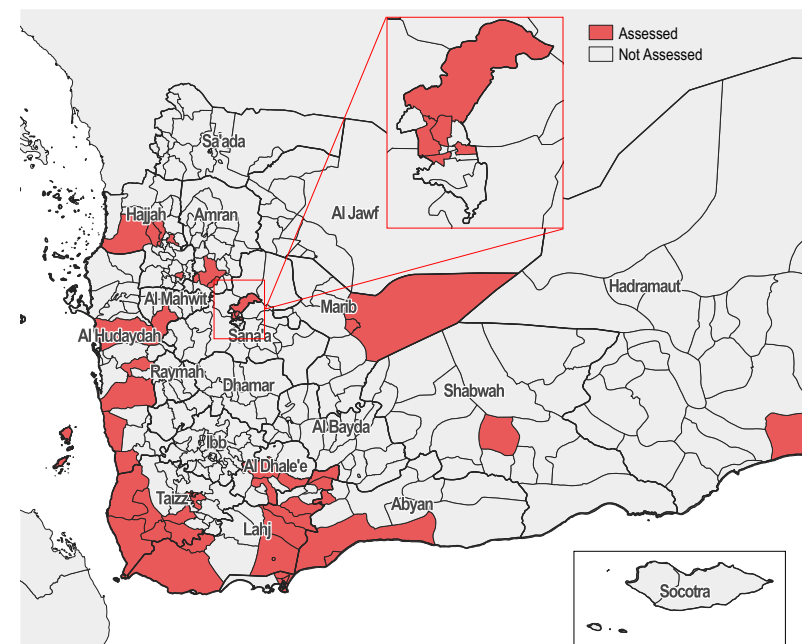
\* Contains soap (1.05 kg), laundry powder (2 kg), sanitary napkins (50 units), and water (3.15 m³).

<sup>^</sup> Contains wheat flour (75 kg), dry beans (10 kg) or canned beans (36 cans), vegetable oil (8 L), sugar (2.5 kg), salt (1kg)

\*\* Includes WASH SMEB, food SMEB and lumpsum of NFI/Shelter and services based on the CMWG Guidance Note of 2020. Per district, the cheapest bean type (dry or canned) is used to calculate the food component of the total SMEB.

### Key findings

- The exchange rate in DFA areas stood at 575 YER/USD and at 1249 YER/USD in IRG areas.
- A majority of the monitored items decreased in price or remained stable in DFA areas. In particular, the cost of trucked water declined with 36%, to 2,250 YER per cubic meter. The median price WASH SMEB decreased with 8% to 16,362 YER, and the price of the food SMEB with canned beans increased with only 1% to 58,003 YER.
- In assessed districts in the IRG, the median price of the WASH SMEB was measured at 29,059 YER (+10%) while the median price of the food SMEB with canned beans stood at 123,500 YER (+8%).
- Fuel prices remained high across Yemen, with the exception of the petrol price in the DFA: the price of 1 litre of petrol in the DFA was found at 800 YER, a decrease of 43% compared to March. Nonetheless, median diesel and cooking gas prices stayed above 10,000 YER in both areas, despite a relative decrease in cooking gas prices (-17%) in the IRG and a relative decrease in diesel prices (-28%) in the DFA.
- The proportion of food vendor key informants that reported shortages reduced: from 20% reporting shortages in March to 8% reporting the same in April.

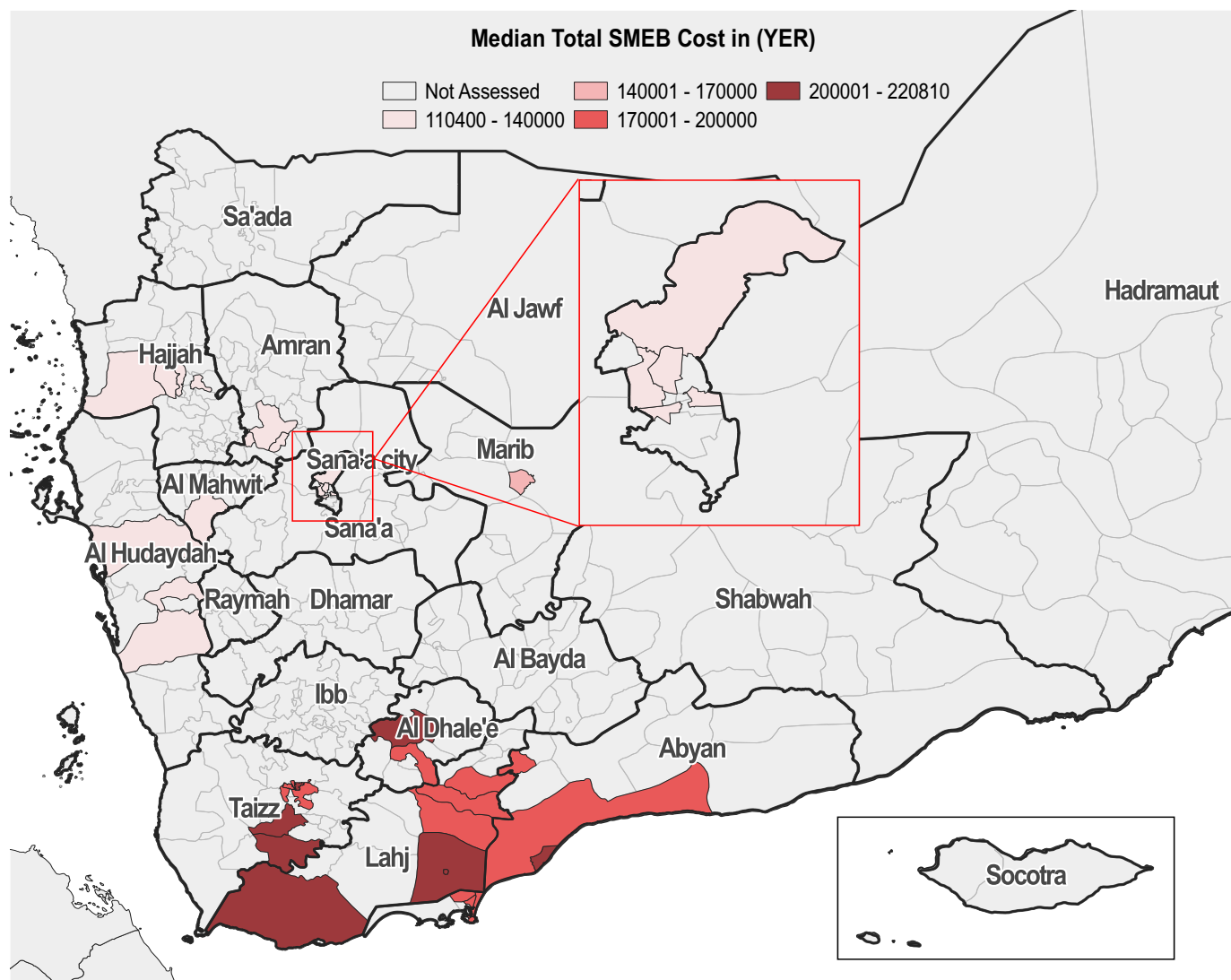


### Exchange Rate

530 ▶ 0.0% USD/YER Official	575 ▼ 4% USD/YER Parallel market (DFA) April 2022	600 USD/YER Parallel Market (DFA) March 2022	1225 ▼ 2% USD/YER Parallel market (IRG) April 2022	1249 USD/YER Parallel Market (IRG) March 2022
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Access the findings of specific districts or governorates, download data and visualizations, and conduct your own analysis via the [Interactive Dashboard](#)

## Total SMEB prices (3 - 7 April 2022)\*



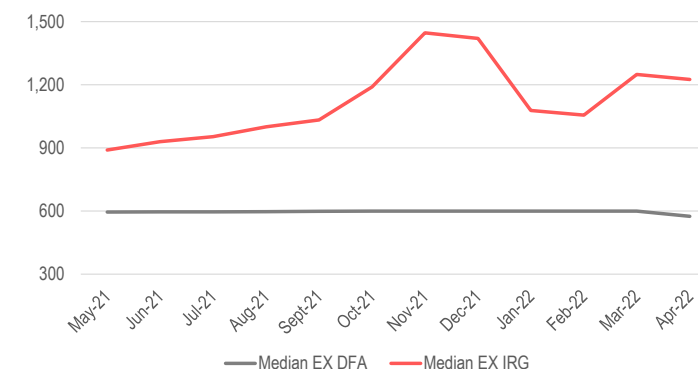
\*Per district, the cheapest type of bean (dry or canned) is used to calculate the total SMEB.

## Exchange rate (YER/USD)\*

Governorate	February 2022	March 2022	April 2022
Abyan	1056	1230	1120
Aden	1055	1240	1260
Al Dhale'e	1112	1260	1143
Al Hudaydah	600 (1060)	600 (1221)	560 (1067)
Al Mahwit	590	600	600
Amran	601	601	580
Hadramaut	1122	1270	1116
Hajjah	600	600	530
Lahj	1074	1250	1150
Marib	1041	1247	1111
Sana'a	600	600	NA
Sana'a City	602	600	603
Shabwah	1000	1200	800
Taizz	600 (1054)	(1250)	1036

\*New banknote exchange rates / Exchange rate for the new currency in parenthesis.  
NA (not applicable) data was not available.

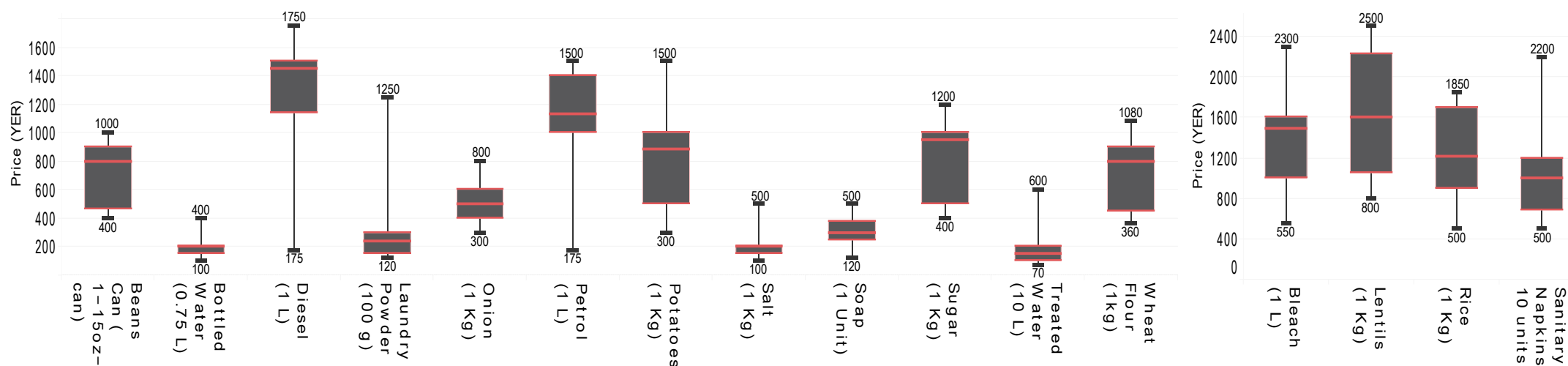
## Exchange rate trend in IRG and DFA (YER/USD)



## Price per key item, per governorate (YER)\*

Governorate	Petrol (1L)	Diesel (1L)	Cooking gas (1 cylinder)	Bottled water (0.75L)	Treated water (10L)	Soap (100g)	Laundry powder (100g)	Sanitary napkins (10 units)	Bleach (1L)	Water trucking (1m³)	WASH SMEB	Wheat flour (1kg)	Rice (1kg)	Beans dry (1kg)	Beans cans (15oz)	Lentils (1kg)	Vegetable oil (1L)	Sugar (1kg)	Salt (1kg)	Potatoes (1kg)	Onions (1 kg)	Food SMEB (Dry Beans)	Food SMEB (Canned beans)
Abyan	1150	1550	7000	200	150	400	273	1000	1473	4000	29800	800	1100	1750	800	1700	4266	1000	200	1000	400	104894	116060
Aden	1110	1500	16000	200	175	300	225	1000	1600	3500	23535	854	1600	2000	900	1600	3300	960	150	950	500	114400	127950
Al Dhale'e	1250	1000	7500	170	150	300	290	880	1200	10000	45803	780	1125	2400	950	1950	2350	890	100	1000	800	104775	113307
Al Hudaydah	1200	1200	10000	150	85	200	150	725	775	3500	18150	500	1000	600	450	900	1200	500	200	600	400	49850	64700
Al Mahwit	1375	1450	17113	150	300	300	150	625	650	2250	16362	500	1000	850	500	800	1200	500	275	600	600	57125	66625
Amran	800	NA	11097	150	300	200	175	600	869	4400	22460	425	850	1200	450	1150	1350	500	150	500	400	56075	60275
Hadramaut	1320	1500	6000	NA	500	500	1250	1500	1500	NA	NA	1000	1800	NA	700	NA	2500	1200	300	600	500	NA	123500
Hajjah	800	900	16000	150	100	250	150	600	1000	3000	17093	400	900	700	450	900	1200	500	150	500	400	44950	57200
Lahj	1150	1450	18881	200	100	350	240	1200	1650	5000	28628	860	1800	2500	800	2300	3000	1000	200	1000	500	115085	120700
Marib	175	838	4500	150	125	325	300	925	1550	1000	16025	675	950	1850	925	1700	2888	913	450	500	525	94956	109756
Sana'a City	800	770	20000	150	150	130	130	650	600	2000	13665	450	900	700	450	1000	2000	450	120	450	500	57995	67195
Shabwah	1450	1400	6800	150	275	350	500	700	1600	3700	28830	700	700	825	850	NA	1600	600	NA	500	400	NA	NA
Taizz	1425	1500	9000	275	163	375	313	1150	1500	3833	28512	900	1300	3000	900	2400	3000	1000	200	1000	500	128275	126575

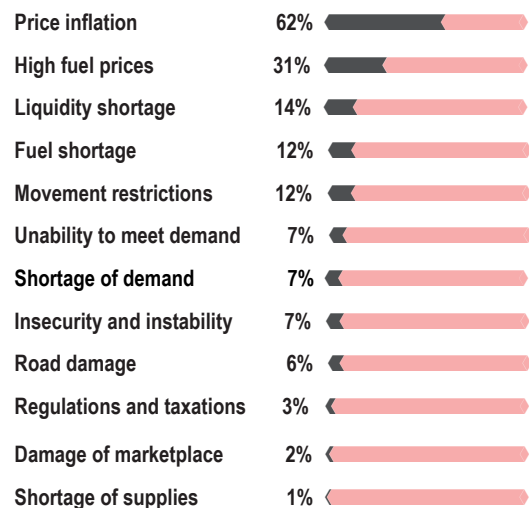
## Price distribution of key items across Yemen (YER)



# WASH SMEB

## Most commonly reported constraints by WASH vendors (143 KIs)

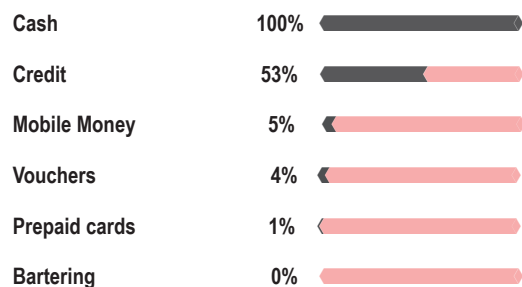
71% of WASH vendor KIs reportedly face constraints. The constraints listed by the vendors are represented here<sup>\*^</sup>.



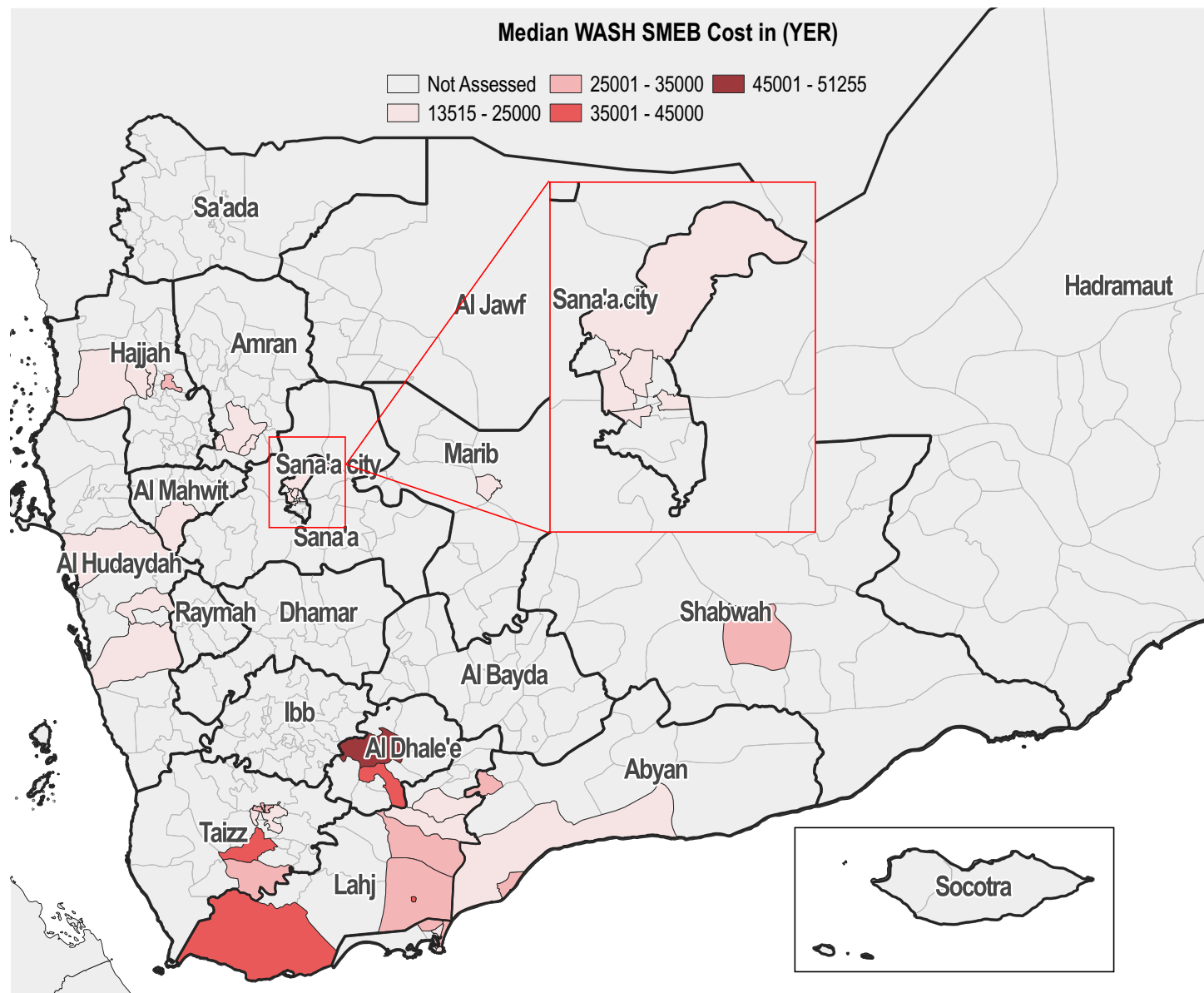
<sup>\*</sup>Values do not add up to 100% as vendor KIs were allowed to select multiple options. <sup>\*</sup>Values do not add up to 100% as vendor KIs were allowed to select multiple options. Only the top-3 constraints are counted, per vendor

<sup>^</sup>Percentages are always rounded up to zero decimal numbers.

## Payment modalities reportedly accepted by WASH vendors\* (209 KIs)



<sup>\*</sup>Values do not add up to 100% as vendor KIs were allowed to select multiple options.

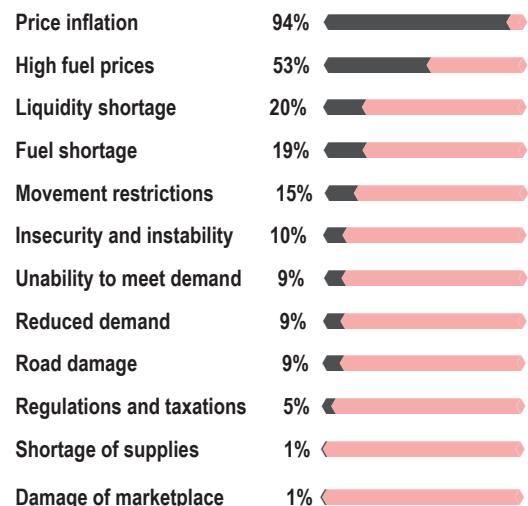




# Food SMEB\*

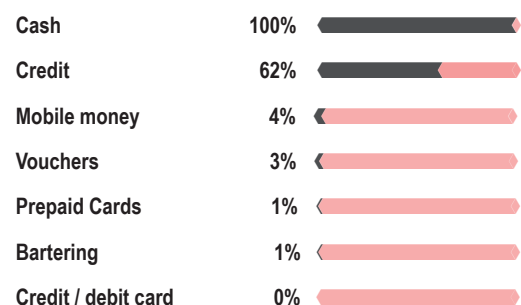
## Most commonly reported constraints by food vendors (148 KIs)

71% of food vendor KIs reportedly face constraints. The constraints listed by the vendors are represented here\*\*.

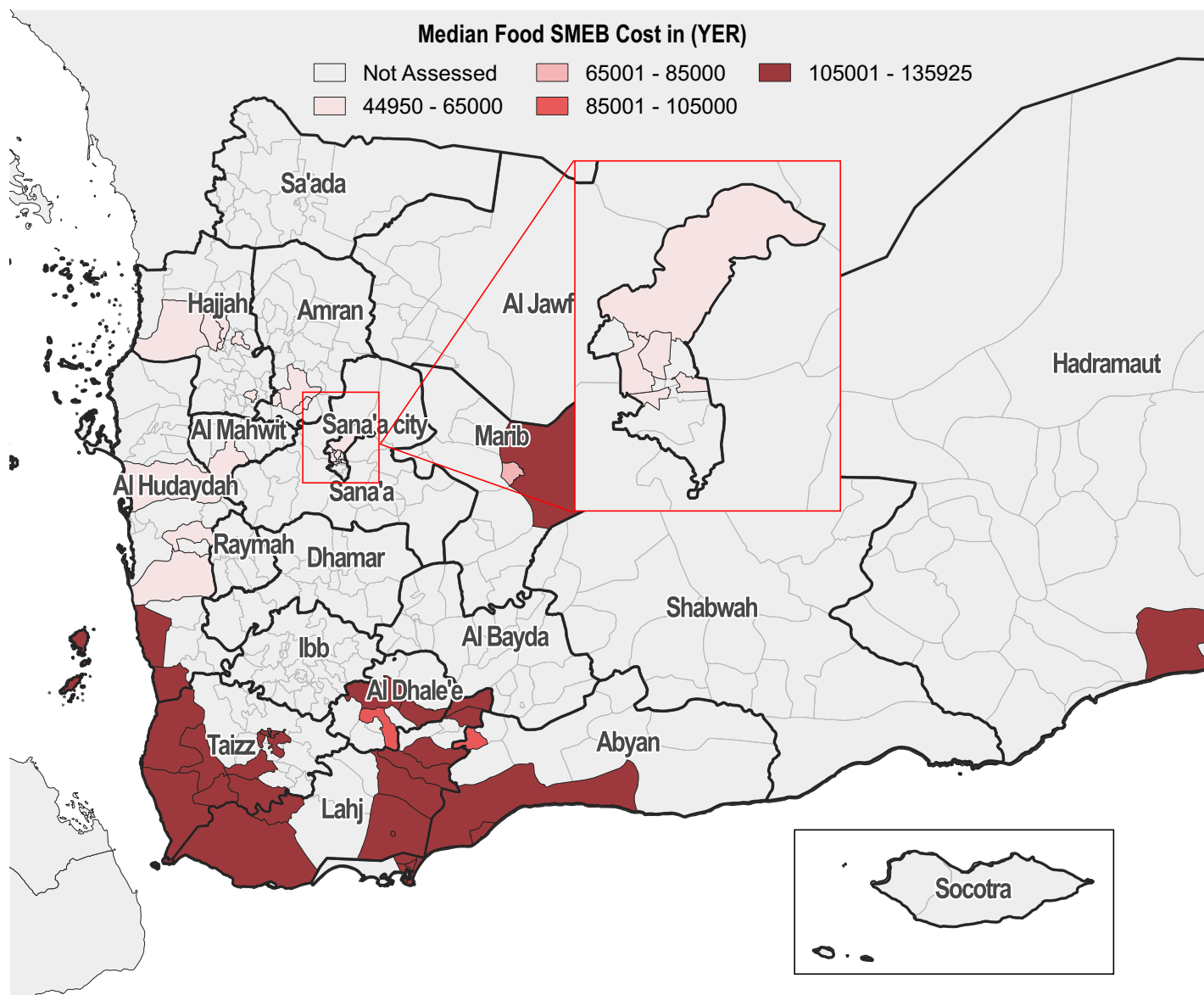


\*\*Values do not add up to 100% as vendor KIs were allowed to select multiple options. Only the top-3 constraints are counted, per vendor

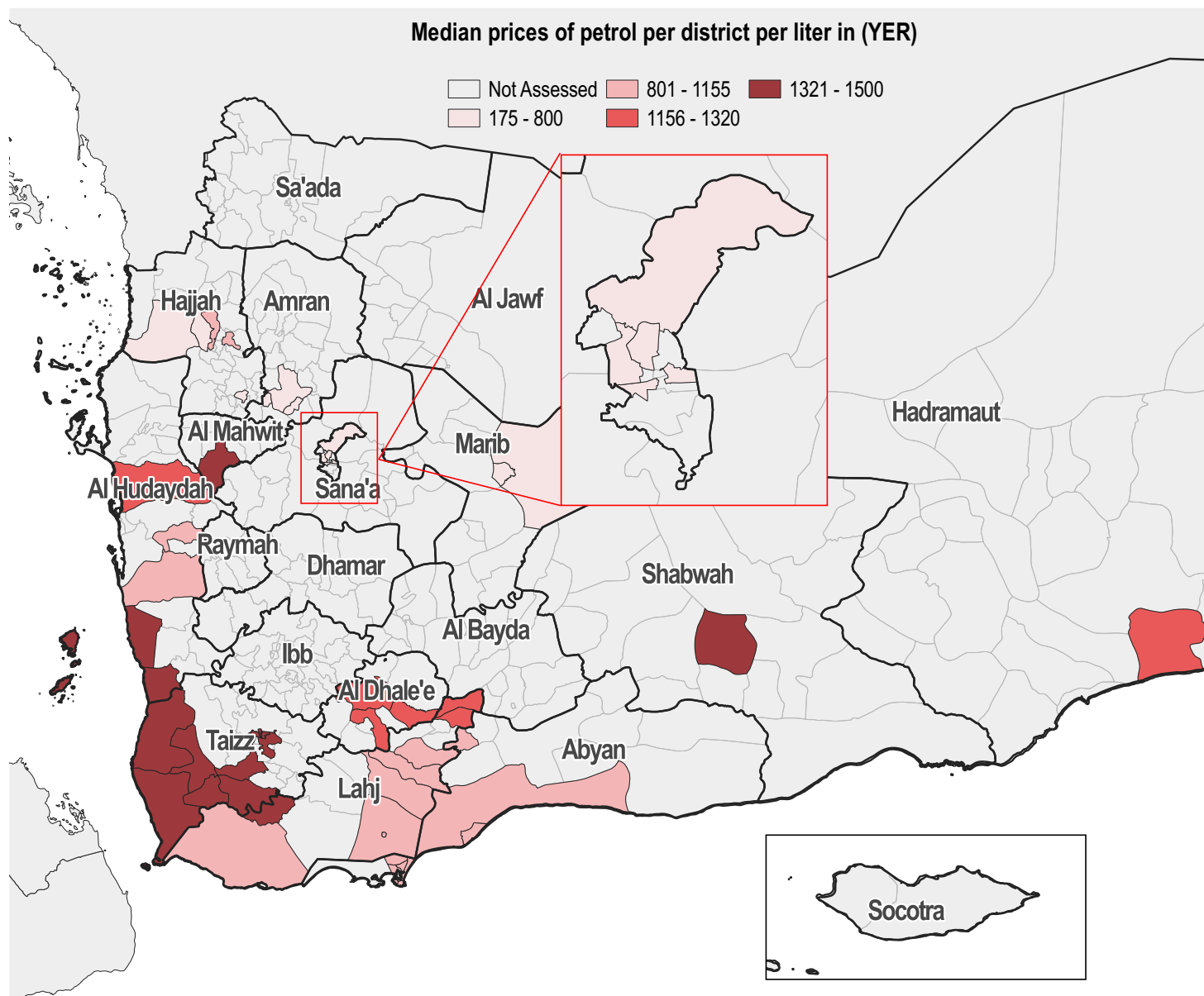
## Payment modalities reportedly accepted by food vendors\*(209 KIs)



\*Values do not add up to 100% as vendor KIs were allowed to select multiple options.

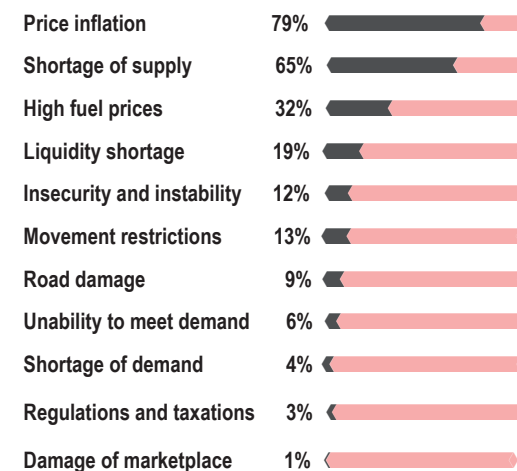


\*Per district, the cheapest type of bean (dry or canned) is used to calculate the food SMEB. Refer to the table on page 10-11 for the Food SMEB prices per district, both for canned beans and dry beans.



## Most commonly reported constraints by fuel vendors (150 KIs)

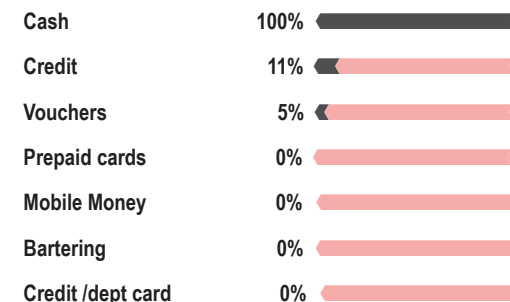
75% of fuel vendor KIs reportedly face constraints. The constraints listed by the vendors are represented here\*^.



\*Values do not add up to 100% as vendor KIs were allowed to select multiple options.

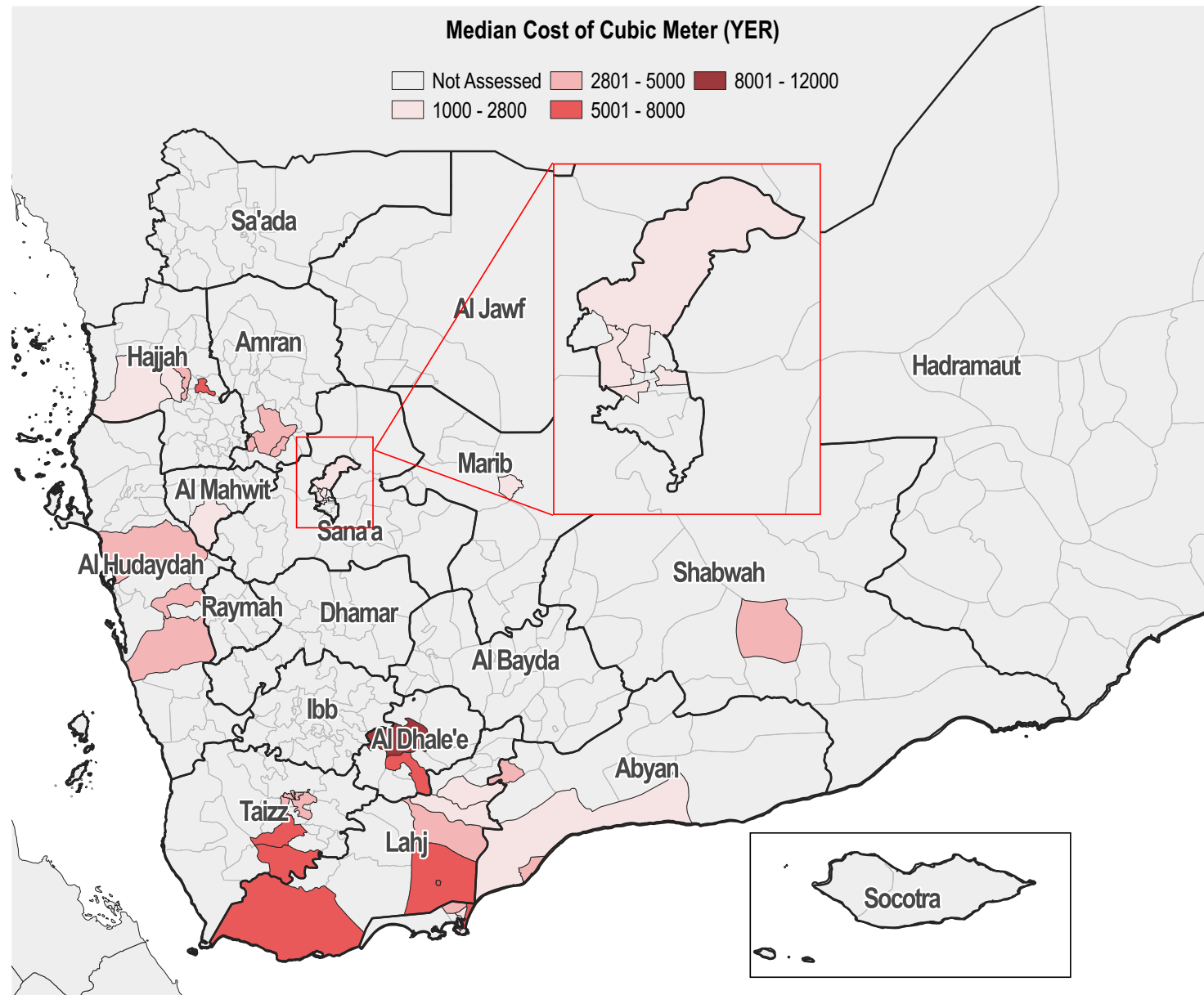
^Only the top-3 constraints are counted, per vendor

## Payment modalities reportedly accepted by fuel vendors\* (KIs 209)



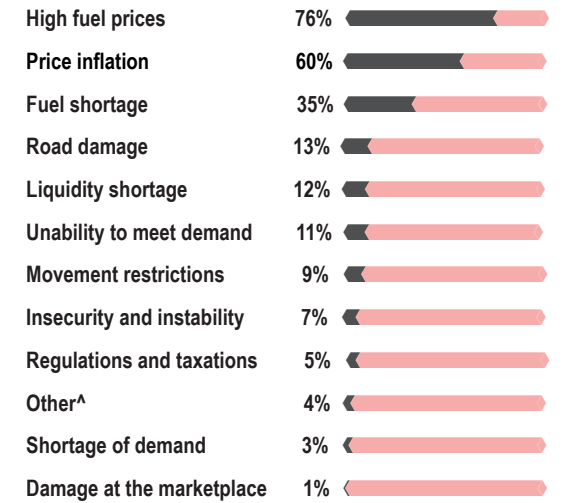
\*Values do not add up to 100% as vendor KIs were allowed to select multiple options.

# Water trucking



## Most commonly reported constraints by water truckers (99 KIs)

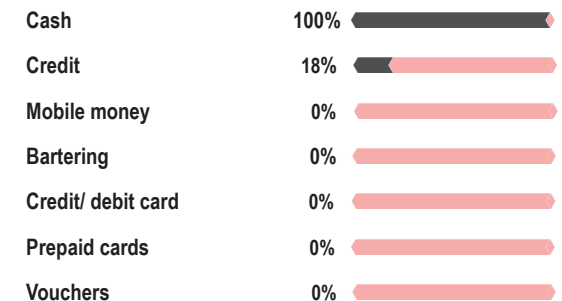
73% of water trucking vendor KIs reportedly face constraints. The constraints listed by the vendors are represented here\*.



\* Values do not add up to 100% as vendor KIs were allowed to select multiple options. Only the top-3 constraints are counted, per vendor

^ The high cost of truck's spare parts

## Payment modalities reportedly accepted by water truckers \*(163 KIs)



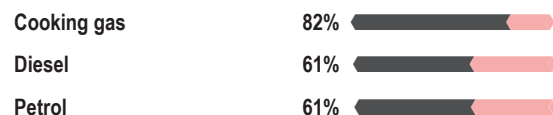
\*Values do not add up to 100% as vendor KIs were allowed to select multiple options.

# SUPPLY CHAIN OVERVIEW FOR YEMEN

## Reported shortages

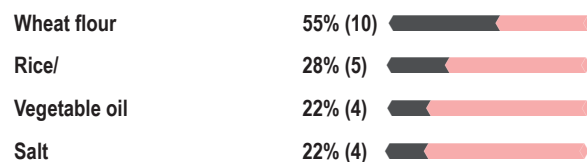
### Fuel vendor KIs

42% of fuel vendor KIs (85/203) reported facing shortages in the 2 weeks prior to data collection, compared to 54% in the previous month. Of the KIs indicating shortages, the following commodities were reported\*:



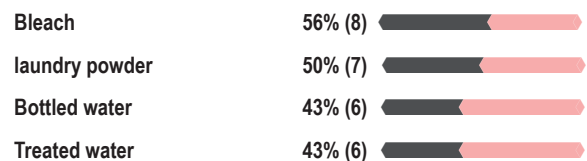
### Food vendor KIs

8% of food vendor KIs of food vendor KIs (18/209) reported facing shortages in the 2 weeks prior to data collection, compared to 20% in the previous month. Of the KIs indicating shortages, the most commonly reported commodities were\*:



### WASH vendor KIs

7% of WASH vendor KIs (14/209) reported facing shortages in the 2 weeks prior to data collection, compared to 8% in the previous month. Of the KIs indicating shortages, the most commonly reported commodities were\*:



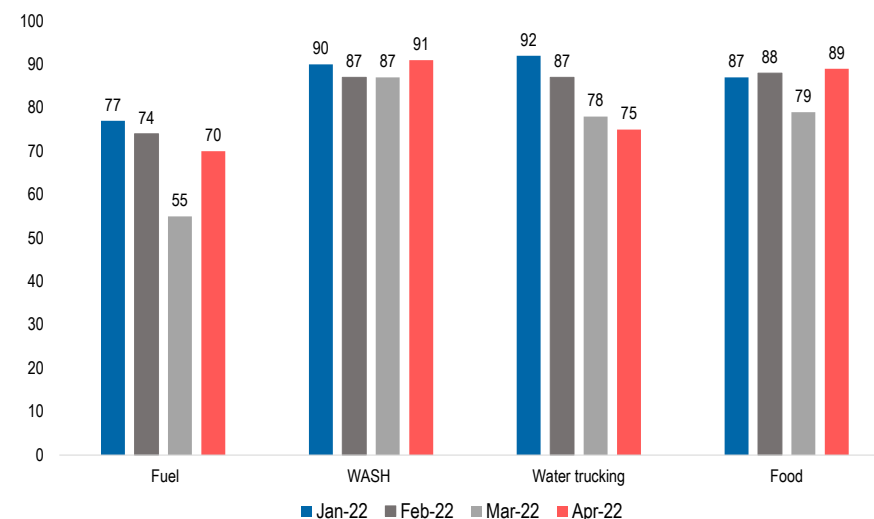
\*Values do not add up to 100% as vendor KIs were allowed to select multiple options.

## Proportion of vendors reportedly able to absorb a 50% increase

To understand vendor capacity to cope with sudden increases in the demand for water trucking, fuel, and WASH items, vendor KIs were asked if they would be able to increase their stock by 50%.

The proportion of fuel, food and WASH vendors able to respond to an increase in demand increased compared to March.

The reported ability of water truckers to respond to demand has been on decline since the last 4 months.



## Average reported restocking time (days)

The average stock remaining in the vendor KI's store was for food items, for WASH items, and for fuels.

To average restocking time was for food items, for WASH items and for fuels. The average restocking time per governorate, per commodity type, is presented in the table. The previous average restocking time (March 2022) is given in brackets. Darker colour strokes indicate high restocking times, lighter colour strokes indicate steep declines in restocking time.

Governorate	Fuel Items	WASH Items	Food Items
Abyan	7 (9)	2 (3)	2 (3)
Aden	7 (6)	3 (4)	3 (4)
Al Dhale'e	4 (4)	3 (2)	2 (2)
Al Hudaydah	8 (14)	9 (7)	7 (8)
Al Mahwit	8 (12)	12 (10)	5 (9)
Amran	14 (13)	1 (2)	1 (2)
Hadramaut	5 (6)	12 (3)	7 (10)
Hajjah	9 (9)	4 (4)	5 (4)
Lahj	7 (9)	5 (6)	5 (7)
Marib	2 (2)	4 (5)	3 (4)
Sana'a City	4 (6)	6 (7)	4 (8)
Shabwah	2 (2)	2 (4)	2 (2)
Taizz	7 (8)	6 (5)	5 (4)

## CONT.

### Median price of goods originating from Aden and Al Hudaydah

Vendor KIs were asked about the origin of various products sold in their stores. The two main ports of origin for these products were Aden and Al Hudaydah. The table below shows the median price of goods originating from these two ports.

Item	Al Hudaydah (price in YER)	Aden (price in YER)
Petrol (1L)	1050	1250
Diesel (1L)	1125	1500
Cooking Gas (1 cylinder)	8000	15000
Bottled water (0.75L)	150	200
Treated water (10L)	70	100
Bleach (1L)	550	1700
Soap (100g)	150	350
Laundry Powder (100g)	140	250
Sanitary Napkins (10 units)	550	1100
Water trucking (1m <sup>3</sup> )	3500	4000
Wheat Flour (1kg)	400	850
Rice (1kg)	1000	1700
Beans Dry (1kg)	600	2750
Beans Can (15oz can)	450	1000
Lentils (1kg)	900	2200
Vegetable Oil (1L)	1000	3000
Sugar (1kg)	425	1000
Salt (1kg)	200	150
Potatoes (1kg)	500	1000
Onions (1kg)	400	500

## MARKET ACTIVITY

### Reported estimated change in number of customers on the market

177 vendor KIs were asked if they perceived a change in the number of customers in the two weeks prior to data collection. 74% (133 KIs) reported perceiving no change in the number of customers in the two weeks prior to data collection. 5% (10 KIs) of vendors reported a decrease and 10% (18 KIs) reported an increase, and 10% (17 KIs) reported 'do not know'.

#### Top 3 reported reasons for consumer increase\*

More products in sale	11	<div></div>
Ramadan	7	<div></div>
Increased income	5	<div></div>

#### Top 3 reported reasons for consumer decrease\*

Decreased income	6	<div></div>
Access to financial resources	5	<div></div>
Limited transportation	2	<div></div>
Population movement	2	<div></div>

\* Vendor KIs were allowed to select multiple options.

### Reported estimated change in number of vendors on the market

177 vendor KIs reported whether they perceived a change in the number of vendors in the two weeks prior to data collection. 84% (148 KIs) reported perceiving no change in the number of operational vendors in the two weeks prior to data collection. 2% (3 KIs) of vendors reported a decrease, 4% (7 KIs) reported an increase, and 10% (17 KIs) reported 'do not know' and 1% (2 KIs) refused to answer.

#### Top 3 reported reasons for vendor increase\*

Increase in demand	3	<div></div>
Ramadan	2	<div></div>
Access to financial resources	1	<div></div>

#### Top 3 reported reasons for vendor decrease\*

Decrease in consumer demand	3	<div></div>
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\* Vendor KIs were allowed to select multiple options.



## DISTRICTS COVERED\*

Governorate	District	WASH SMEB	SMEB Food (dry beans)	SMEB Food (canned beans)	SMEB Total (canned/dry)*	Petrol 1 L	Diesel 1 L	Cooking gas 1 cylinder	Water Trucking 1 m3	Exchange Rate (YER/1 USD)	Number of observations
Hajjah	Abs	14925	NA	57200	119425	800	850	16000	2000	560	3
Al Dhale'e	Ad Dhalee	40350	96975	108675	184625	1250	1500	7500	8000	1143	4
Lahj	Al Hawtah	35325	119675	130675	202300	1115	1450	18763	7000	1151	6
Taizz	Al Mukha	NA	NA	112450	NA	1500	1500	10000	NA	1114	3
Lahj	Al Had	NA	113550	117350	NA	1250	1750	22500	NA	1123	3
Al Hudaydah	Al Khawkhah	NA	135925	139725	NA	1500	1500	10000	NA	1014	3
Taizz	Al Maafer	40860	132650	133650	220810	1400	1525	8000	8000	1150	3
Lahj	Al Madaribah Wa Al Arah	35100	NA	120500	202900	1150	1200	19000	6000	1180	3
Aden	Al Mansura	NA	114400	116600	NA	1110	1500	16000	NA	1170	3
Lahj	Al Maqatirah	NA	113775	125775	NA	1475	1525	15000	NA	880	3
Lahj	Al Milah	25505	116300	120700	189105	1110	1450	NA	4000	1160	3
Aden	Al Mualla	23535	117050	129450	187885	1110	NA	24513	3500	1070	3
Taizz	Al Mudhaffar	27735	123262	124662	198297	1400	1500	7500	3666	990	6
Taizz	Al Qahirah	25700	124050	126450	197050	1400	1500	7500	3500	870	7
Sana'a City	Al Wahdah	15189	52886	57806	115375	800	NA	11064	2000	580	4
Taizz	Al Waziiyah	NA	NA	118825	NA	1500	1500	12000	NA	1014	4
Amran	Amran	21960	54000	58200	123260	800	NA	11064	4400	580	3
Al Hudaydah	As Sukhnah	17900	45200	55400	110400	1050	1125	8000	3500	570	3
Aden	Ash Shaikh Outhman	18950	116525	135525	182775	1110	1500	15000	2000	1165	6
Taizz	Ash Shamayatayn	34880	131650	137650	213830	1400	1450	17000	6500	1125	8
Hadramaut	Ash Shihr	NA	NA	123500	NA	1320	1500	6000	NA	1116	3
Al Dhale'e	Ash Shuayb	NA	NA	113307	NA	1200	1000	7000	NA	750	3
Hajjah	Aslem	14925	NA	57200	119425	800	850	16000	2000	560	3
Al Hudaydah	At Tuhayat	NA	NA	134050	NA	1475	1650	25000	NA	1120	3
Shabwah	Ataq	28830	NA	NA	NA	1450	1400	6800	3700	800	3
Sana'a City	Aththaorah	13515	57995	67195	118810	800	770	25000	2000	603	3
Aden	Attawahi	NA	106550	115350	NA	1110	1750	24513	NA	1070	3
Sana'a City	Azzal	13665	57995	67195	118960	800	770	20000	2000	603	3
Al Hudaydah	Bajil	20625	54500	64700	122425	1200	1200	15000	3500	560	3
Sana'a City	Bani Al Harith	13560	57995	67195	118855	800	770	20000	2000	603	3
Al Mahwit	Bani Sad	16362	57125	66625	120787	1375	1450	17113	2250	600	3
Al Hudaydah	Bayt Al Faqiah	18150	45200	55400	110650	1050	1125	8000	3500	560	3
Aden	Craiter	18950	109550	121950	175800	1110	NA	24513	2000	1170	3
Aden	Dar Sad	29490	122500	129900	199290	1110	1200	9569	4600	1130	7
Taizz	Dhubab	NA	NA	126700	NA	1450	1550	12000	NA	1057	3
Lahj	Habil Jabr	21975	NA	122000	191275	1125	1150	11250	2000	1150	3
Hajjah	Hajjah City	NA	NA	57200	NA	800	900	NA	NA	530	3
Amran	Jabal Iyal Yazid	22960	58150	62350	128410	800	NA	11130	4400	580	5
Abyan	Khanfir	20969	110460	116060	178729	1150	1550	7000	2800	1117	8
Hajjah	Khayran Al Muharraq	19260	NA	53870	120430	1000	1200	NA	4000	500	3
Aden	Khur Maksar	31742	110750	127950	189792	1110	NA	9353	6000	1160	6
Hajjah	Kuhlan Ash Sharaf	29025	44950	52350	121275	1000	1200	10000	7000	500	3
Sana'a City	Maain	15454	54530	58520	117284	800	NA	11064	2000	580	3

CONT.

Governorate	District	WASH SMEB	SMEB Food (dry beans)	SMEB Food (canned beans)	SMEB Total (canned/ dry)*	Petrol 1 L	Diesel 1 L	Cooking gas 1 cylinder	Water Trucking 1 m3	Exchange Rate (YER/1 USD)	Number of observations
Marib	Marib	NA	109500	118700	NA	175	1500	4000	NA	1100	3
Marib	Marib City	16025	80412	100812	143737	175	175	5000	1000	1122	8
Taizz	Mawza	NA	134650	138450	NA	1500	1500	10000	NA	1014	3
Al Dhale'e	Qaatabah	51255	112575	118575	211130	1300	1000	8500	12000	1240	4
Lahj	Radfan	21475	NA	119700	188475	1125	1125	16500	2000	1150	3
Abyan	Rasad	29800	99328	112728	176428	1150	1400	8500	4000	1120	3
Taizz	Sabir Al Mawadim	22600	122325	124725	192225	1450	1550	8000	3000	1140	3
Taizz	Salh	29288	128275	127875	204863	1400	1500	7500	4000	935	6
Lahj	Tuban	31750	126025	135525	205075	1155	1450	21200	6000	1156	6
Lahj	Yafaa	NA	113870	117670	NA	1200	1750	22500	NA	1123	3
Abyan	Zingibar	31114	NA	133128	211542	1140	1550	6500	5000	1124	3

\*The cheapest type of bean (dry or canned) is used to calculate the total SMEB. Includes lumpsum

# APPENDIX

## What is the cash and markets working group (CMWG)?

With the emergence of the conflict in 2014, humanitarian actors in Yemen began using cash and vouchers as a response tool to meet the immediate needs of the Yemeni population. The CMWG was established to provide a platform for discussion and setting standards/recommendations on cash and market-based responses (inclusive of cash and vouchers) for the cash actors in Yemen. The JMMI was developed by the CMWG, the WASH Cluster, and REACH in order to harmonize price monitoring amongst WASH actors in Yemen.

## Additional information on methodology

To be assessed by the JMMI, markets 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, markets/shops are selected within a single geographical location, where there is at least one wholesaler operating in the market. Participating organisations are trained on the JMMI methodology and data collection tools using standard training materials developed by REACH. Each month, enumerators conduct KI interviews with market vendors. Due to the different nature of the monitored items, not every vendor provided price quotations for all monitored items. In addition to price levels, vendors are asked about the location of their supplier, the number of days it takes to restock the items, and the constraints they are facing in purchasing and selling the items in question. 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, normalising prices and cross-checking 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 SMEBs) are aggregated from the district medians of the respective districts assessed in a given month. REACH started reporting on IRG and DFA levels from March 2022, to better uncover economic trends in the areas under nominal control of different parties to the conflict.

Previously, all aggregations drew on the key informant level data. This change in calculation methodology will result in different findings than previous Situation Overviews. It is recommended to refer to the [Interactive Dashboard](#) for longitudinal trends and historic data, as past data is harmonized here with the

methodological improvements. Percentage changes from one month to another are calculated only on data from markets that were assessed in both consecutive months. Therefore, part of the percentage variation could be attributed to changes in monthly coverage.

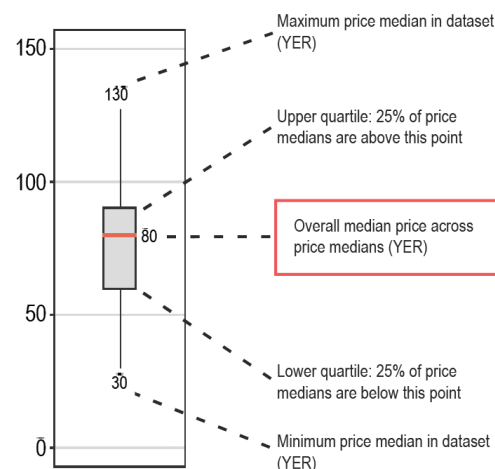
REACH also calculates the WASH SMEB (Survival Minimum Expenditure Basket), which is composed of four items: soap (1.05 kg), laundry powder (2 kg), sanitary napkins (50 units) and water trucking (3.15 m3). Food SMEB contains 75 kg of wheat flour, 10 kg of beans (kidney), 8L of vegetable oil, 2.5 kg of sugar, and 1 kg iodized salt. As per October 2021, the cheapest type of bean (dry or canned) is used per district to calculate total/food SMEB. SMEB values calculated exclusively with dried beans, or canned beans, can be found on the [Interactive Dashboard](#) and on page 10-11 of this Situation Overview.

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. As such, findings are indicative for the locations assessed and not geographically representable for the whole of Yemen. Consequentially, there are sometimes a limited number of districts for which trends can be assessed over time. Finally, the market monitoring process has been coordinated remotely by REACH, which inherently presents some challenges in terms of coordination and follow-up with partners.

## How to read a box plot



## ABOUT REACH

REACH is a joint initiative that 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. By doing so, REACH contributes to ensuring that communities affected by emergencies receive the support they need. All REACH activities are conducted in support to and within the framework of inter-agency aid coordination mechanisms. For more information, please visit our website at [www.reach-initiative.org](http://www.reach-initiative.org), contact us directly at [nissa.berntsen@reach-initiative.org](mailto:nissa.berntsen@reach-initiative.org) or follow us on Twitter at [@REACH\\_info](https://twitter.com/REACH_info).

## Number of districts assessed per governorate

Governorate	Assessed districts
Abyan	3
Aden	7
Al Dhale'e	3
Al Hudaydah	5
Al Mahwit	1
Amran	2
Hadramaut	3
Hajjah	5
Lahj	9
Marib	2
Sana'a City	5
Shabwah	1
Taizz	10

## Participating partners include

