



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 incorporates information on market systems including price levels and supply chains. The basket of goods to be assessed comprises eight non-food items (NFIs), including fuel, water and hygiene products, reflecting the programmatic areas of the WASH Cluster. The JMMI tracks all components of the WASH Survival Minimum Expenditure Basket (SMEB) since September 2018.

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. The data collected has also been analysed in comparison with price quotations recorded during the Multi-Agency Joint Cash Study conducted in September 2017, and the Weekly Price Monitoring Initiative (WPMI) that was conducted during the economic blockade of Yemen in November 2017. More details are available in the Methodology section of the appendix. Findings are indicative for the assessed locations and time frame in which the data was collected.

JMMI MONTHLY FIGURES

Data collection **13 Feb - 24 Feb**

11 Participating partners

54 Districts assessed

256 Vendor KIs surveyed

KEY FINDINGS

In February 2020, the Yemeni Riyal (YER) continued to depreciate against the US Dollar (USD), with the YER depreciating 0.3% on the parallel market.

250
USD/YER
Official
► **0.0%**

596
USD/YER
Parallel market*
▲ **+0.3%**

594
USD/YER
Previous Parallel Market
Rate January 2020

In February 2020, the JMMI also tracked the exchange rate for recently issued notes circulating in parts of Yemen.

660
USD/YER
New currency market

KEY PRICE FIGURES

Between January 2020 and February 2020, the price for water trucking saw a slight decrease of 5.2%, which had an impact on the total SMEB. The prices of diesel and treated water also decreased.

Petrol Price (1L)	370 YER	▲	+1.4%
Diesel Price (1L)	424 YER	▼	-1.4%
Bottled Water Price (0.75L)	135 YER	▲	+8.0%
Treated Water Price (10L)	123 YER	▼	-8.9%
Water Trucking Price (1m³)	2,292 YER	▼	-5.2%
Soap (100g)	150 YER	►	0.0%
Sanitary Napkins (10 Pack)	500 YER	►	0.0%
Laundry Powder (100 g)	112 YER	▲	+0.9%

WASH SMEB

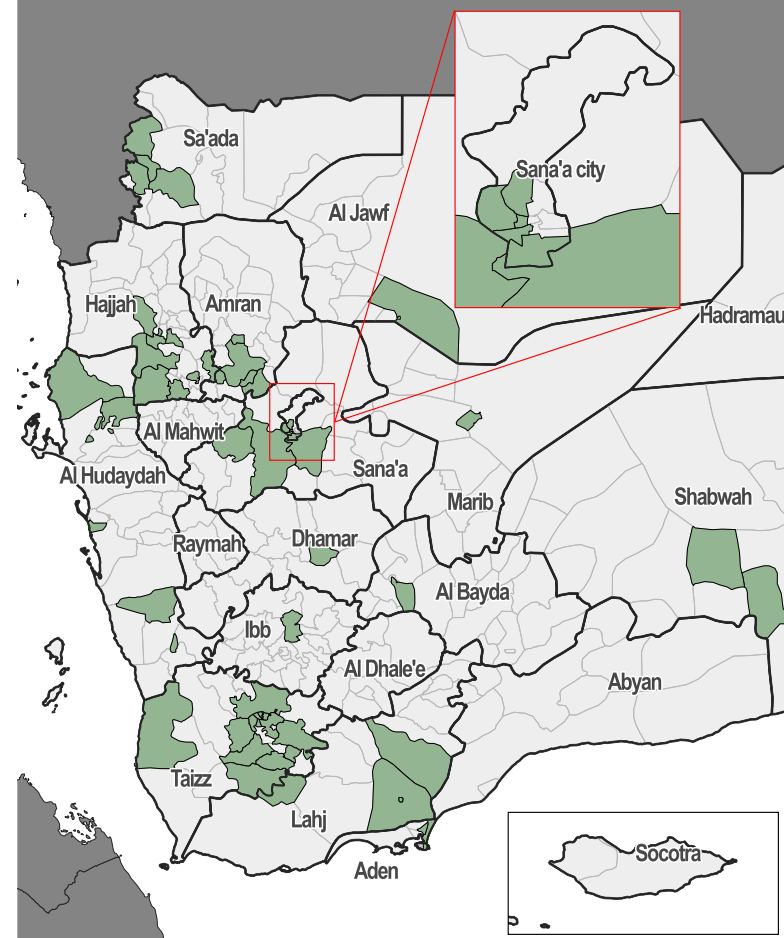
The median cost for the WASH SMEB was calculated to be 12,033 YER, marking an slight decrease of 3.0% from the cost observed in January 2020.

Feb 12,033 YER / Jan 12,399 YER ▼ 366 YER -3.0%

*211 of the 256 market KIs answered the exchange rate question within the parallel market.

ASSESSED DISTRICTS

Assessed districts



WASH SMEB

Soap	1.05 kg
Laundry powder	2 kg
Sanitary napkins	20 units
Water trucking	3.15 m³

OTHER ASSESSED ITEMS

Petrol	1 liter
Diesel	1 liter
Treated water	10 liter
Bottled water	0.75 liter

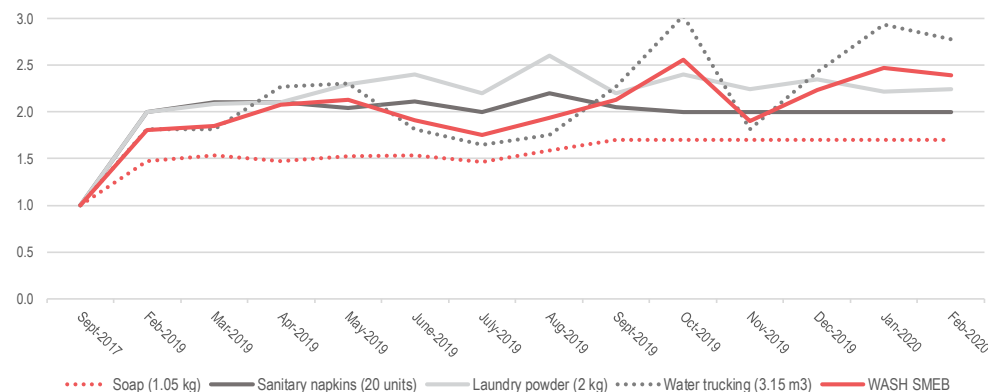
WASH SMEB COST OVERVIEW

The **WASH SMEB** represents the minimum culturally adjusted group of WASH items required to support a Yemeni family of eight for a month.

The cost of the WASH SMEB can be used as a proxy for the financial burdens, relative to WASH items, a household is facing in different locations. The WASH SMEB components were defined by the CMWG in consultation with relevant sector leads.

WASH SMEB PRICE INDEX

Since September 2017 (normalized, September 2017 = 1.00)



MEDIAN WASH SMEB PRICES, BY GOVERNORATE:

6-Month and 1-Month (YER)

Governorate	Soap (10.5 kg)	Laundry powder (2 kg)	Sanitary napkins (20 units)	Water trucking (3.15 m³)	WASH SMEB Feb-20	Change since Aug-19^	Change since Jan-20^
Aden	1575	1500	1000	9450	13525	-31.8%	0.0%
Al Bayda	-	-	-	-	-	N/A*	N/A*
Al Hudaydah	1523	2300	1000	5985	10808	-15.1%	-20.7%
Al Jawf	2205	1600	1000	13126	17931	N/A*	+1.0%
Amran	1575	2400	1000	11025	16000	+105.7%	+11.7%
Dhamar	1575	2000	1000	3150	7725	N/A*	+0.7%
Hajjah	1575	2430	1025	8138	13168	-17.1%	-0.6%
Ibb	2100	3000	1000	7349	13449	+60.0%	-0.1%
Lahj	1575	2000	1000	5828	10403	+15.4%	+4.1%
Marib	1050	1980	1400	12600	17030	N/A*	-3.3%
Sa'ada	1680	3800	1300	9450	16230	+88.2%	-12.4%
Sana'a	1575	2180	1400	3150	8305	-13.1%	-12.1%
Sana'a City	1575	2100	980	4410	9065	N/A*	+2.6%
Shabwah	1628	2700	1100	5355	10783	-14.7%	N/A*
Taizz	1575	2400	1000	7875	12850	-16.6%	+13.4%

* Not enough data to create the SMEB in February

^ Change in WASH SMEB price

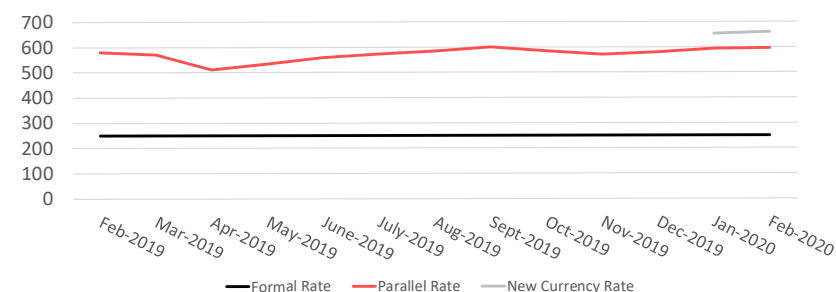
MEDIAN COST OF WASH SMEB IN FEBRUARY

12,033 YER

Change since August 2019 ▲ 2,295 YER +23.6%

Change since January 2020 ▼ 366 YER -3.0%

EXCHANGE RATE INDEX*



* New currency introduced at the end of 2019

MEDIAN EXCHANGE RATE, BY GOVERNORATE*

Governorate	Dec 2019	Jan 2020	Feb 2020
Aden	603	656 (654)	663 (663)
Al Bayda	578	587	590
Al Hudaydah	573	576 (690)	593
Al Jawf	N/A	658	650
Amran	579	584	596
Dhamar	N/A	597	595
Hajjah	582	590 (580)	595 (590)
Ibb	580	595	596
Lahj	599	662 (652)	661 (660)
Marib	N/A	650	660
Sa'ada	578	587	600
Sana'a	576	586	590
Sana'a City	575	593 (659)	596 (653)
Shabwah	N/A	648	661 (661)
Taizz	584	635 (649)	650 (645)

* Exchange rates in parentheses indicate the rate for new currency

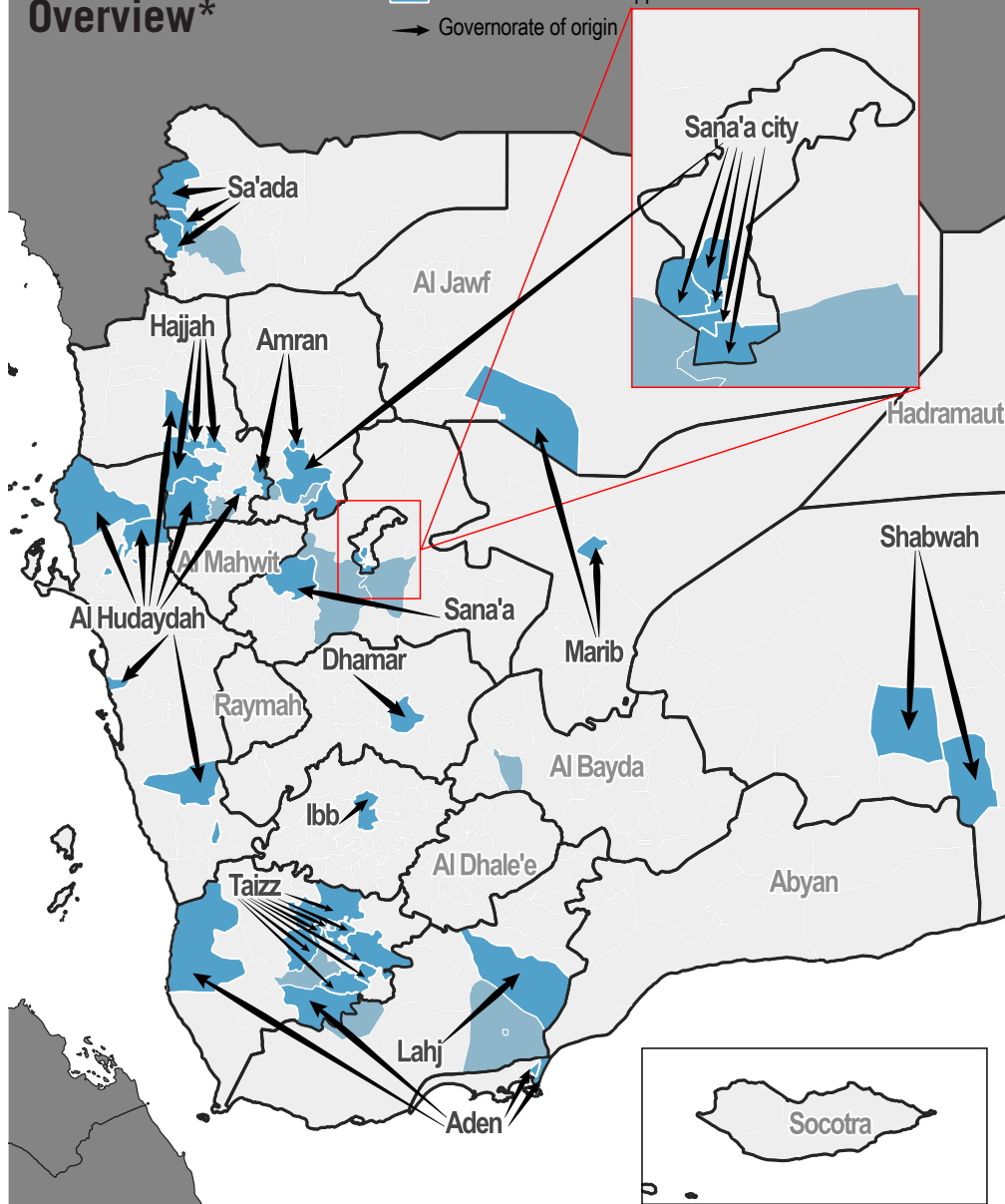
PROPORTION OF VENDORS ACCEPTING CREDIT AS PAYMENT, BY TYPE OF GOOD

Type of good sold	Dec 2019	Jan 2020	Feb 2020
Fuel	7.2%	8.3%	5.8%
WASH NFIs	21.9%	20.6%	25.8%
Water Trucking	4.3%	9.0%	13.2%

WASH SMEB Supply Chain Overview*

Supply destination

- Districts without a main supplier
- Districts with a main supplier
- Governorate of origin



GOVERNORATE SUPPLY CHAIN ACCORDING TO WASH VENDOR KIS

Governorate	District	Supplier Governorate	Number Respondents of Total Interviewed ^A	Governorate	District	Supplier Governorate	Number Respondents of Total Interviewed ^A
Aden	Ash Shaikh Outhman	Aden	4 / 10	Sa'ada	Monabbih	Sa'ada	3 / 3
Aden	Craiter	N/A ~	0 / 3	Sa'ada	Razih	Sa'ada	3 / 3
Aden	Khur Maksar	Aden	4 / 10	Sa'ada	Saqayn	Do not know ~	4 / 4
Al Bayda	Rada'	Do not know ~	3 / 3	Sana'a	Al Haymah Ad Dakhiliyah	Sana'a	1 / 3
Al Hudaydah	Al Hawak	Al Hudaydah	3 / 3	Sana'a	Bani Matar	Do not know ~	3 / 3
Al Hudaydah	Al Qanawis	Al Hudaydah	3 / 3	Sana'a	Sanhan	Do not know ~	3 / 3
Al Hudaydah	Alluheyah	Al Hudaydah	3 / 3	Sana'a City	Al Wahdah	Sana'a City	4 / 4
Al Hudaydah	Zabid	Al Hudaydah	9 / 9	Sana'a City	As Sabain	Sana'a City	4 / 7
Al Jawf	Al Hazm	Marib	3 / 3	Sana'a City	At Tahrir	Sana'a City	3 / 3
Amran	Amran	N/A ~	5 / 8	Sana'a City	Ath'thorah	Sana'a City	3 / 3
Amran	Iyal Surayh	Amran	6 / 6	Sana'a City	Ma'ain	Sana'a City	2 / 6
Amran	Jabal Iyal Yazid	Sana'a City	2 / 5	Shabwah	Ataq	Shabwah	3 / 3
Dhamar	Dhamar City	Dhamar	3 / 3	Shabwah	Habban	Shabwah	3 / 3
Hajjah	Al Mahabishah	Hajjah	3 / 3	Taizz	Al Mukha	Aden	3 / 3
Hajjah	Ash Shaghadirah	N/A	2 / 5	Taizz	Al Ma'afer	N/A ~	2 / 7
Hajjah	Aslem	Al Hudaydah	3 / 3	Taizz	Al Mawasit	Taizz	2 / 7
Hajjah	Bani Qa'is	Al Hudaydah	2 / 5	Taizz	Al Mudhaffar	Do not know ~	1 / 4
Hajjah	Hajjah City	Al Hudaydah	3 / 3	Taizz	Al Qahirah	Taizz	3 / 5
Hajjah	Ku'aydinah	Hajjah	4 / 4	Taizz	As Silw	Taizz	3 / 3
Hajjah	Kuhlan Affar	Amran	4 / 10	Taizz	Ash Shamayatayn	Aden	3 / 3
Hajjah	Qafil Shamer	Hajjah	3 / 3	Taizz	At Ta'iziyah	Taizz	9 / 9
Ibb	Al Makhadir	Ibb	5 / 5	Taizz	Dimnat Khadir	Taizz	6 / 6
Lahj	Al Hawtah	N/A ~	0 / 3	Taizz	Jabal Habashy	Taizz	14 / 14
Lahj	Al Maqatirah	N/A ~	0 / 3	Taizz	Mashra'a Wa Hadnan	Taizz	3 / 3
Lahj	Al Milah	Lahj	1 / 3	Taizz	Sabir Al Mawadim	Taizz	3 / 4
Lahj	Tuban	N/A ~	4 / 10	Taizz	Salh	N/A ~	2 / 5
Marib	Marib City	Marib	3 / 3				
Sa'ada	Ghamr	Sa'ada	3 / 3				

^AIf the number is 4/10 (e.g.), this indicates that 10 vendor KIs were interviewed, of those, 4 answered the supply question.

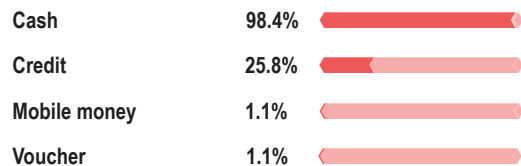
The supplier governorate indicates the most prevalent answer. In the case of a tie, both governorates are shown.

*The map shows WASH SMEB supply chains inside the same governorate and towards other governorates. Districts without a main supplier are those districts where vendor KIs could not identify the origin of the WASH items they sold.

~ WASH prices and vendors were not available in specific district

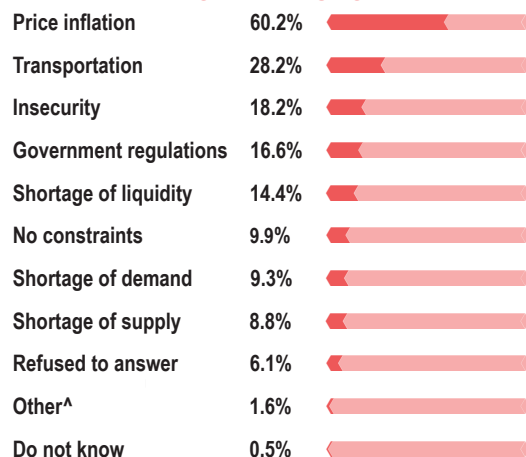
~ Do Not Know was a potential option that could be selected by respondents

PAYMENT MODALITIES ACCEPTED: WASH VENDORS*



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

MOST REPORTED CONSTRAINTS FOR: WASH VENDORS*



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

^Includes increased customs check points, increased transfer commissions, and lack selection of goods.

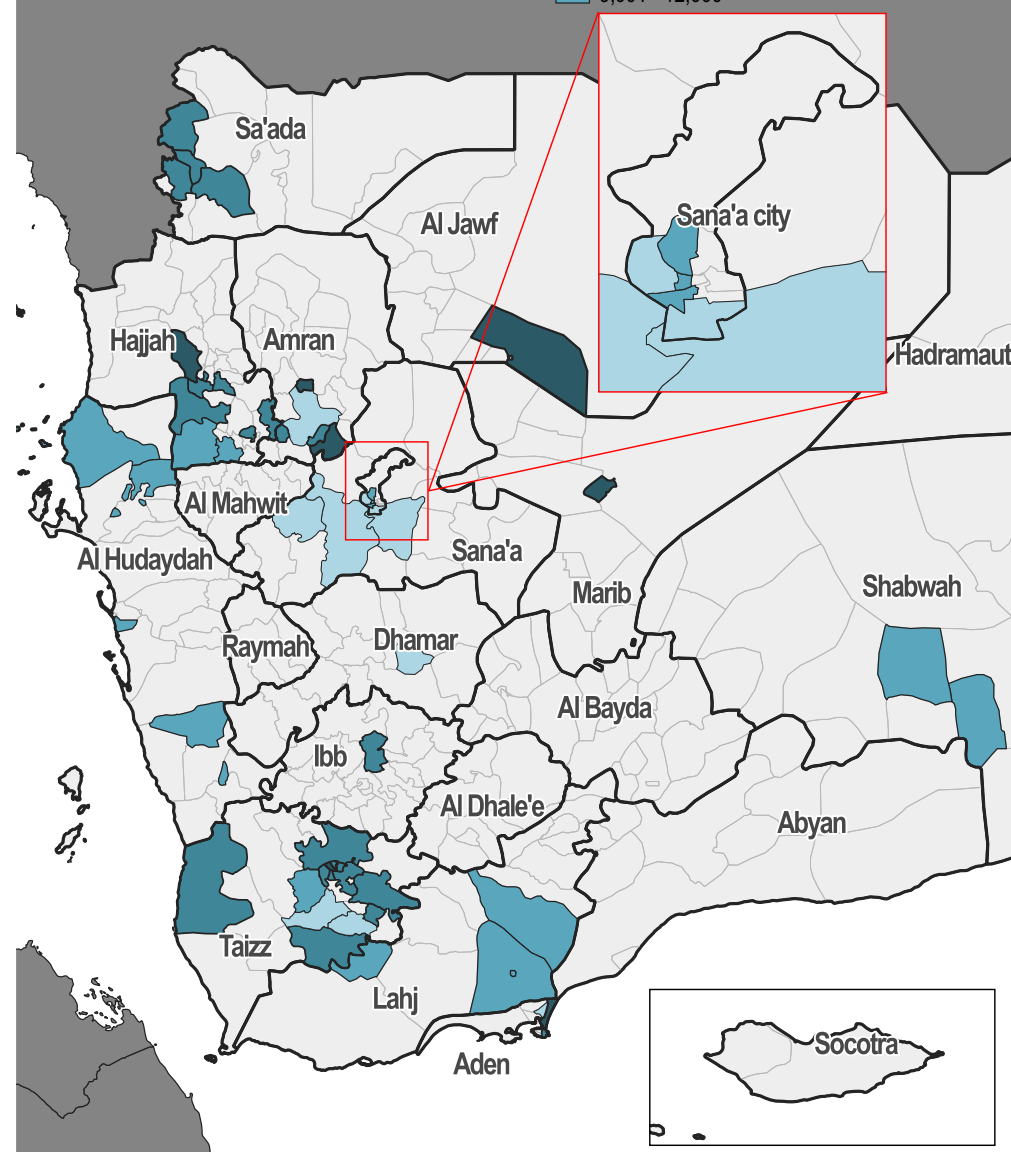
MEDIAN WASH SMEB COST BY DISTRICT (YER)

Governorate	District	SMEB Cost
Aden	Ash Shaikh Outhman	7225
Aden	Craiter	13525
Aden	Khur Maksar	19825
Al Bayda	Rada'	N/A
Al Hudaydah	Al Hawak	11160
Al Hudaydah	Al Qanawis	10245
Al Hudaydah	Alluheyah	10870
Al Hudaydah	Zabid	11095

Governorate	District	SMEB Cost
Al Jawf	Al Hazm	17931
Amran	Amran	16000
Amran	Iyal Surayh	23560
Amran	Jabal Iyal Yazid	8175
Dhamar	Dhamar City	7725
Hajjah	Al Mahabishah	12871
Hajjah	Ash Shaghadirah	9960
Hajjah	Aslem	23200
Hajjah	Bani Qa'is	9660
Hajjah	Hajjah City	14980
Hajjah	Ku'aydinah	12950
Hajjah	Kuhlan Affar	12450
Hajjah	Qafil Shamer	13710
Ibb	Al Makhadir	13449
Lahj	Al Hawtah	10403
Lahj	Al Maqatirah	10403
Lahj	Al Milah	9120
Lahj	Tuban	11685
Marib	Marib City	17030
Sa'ada	Ghamr	16325
Sa'ada	Monabbih	16340
Sa'ada	Razih	16170
Sa'ada	Saqayn	16230
Sana'a	Al Haymah Ad Dakhiliyah	8305
Sana'a	Bani Matar	8305
Sana'a	Sanhan	8305
Sana'a City	Al Wahdah	9085
Sana'a City	As Sabain	8920
Sana'a City	At Tahrir	9090
Sana'a City	Ath'thaorah	9054
Sana'a City	Ma'ain	7075
Shabwah	Ataq	11335
Shabwah	Habban	10230
Taizz	Al Mukha	15100
Taizz	Al Ma'afer	8555
Taizz	Al Mawasit	8355
Taizz	Al Mudhaffar	18175
Taizz	Al Qahirah	16788
Taizz	As Silw	12690
Taizz	Ash Shamayatayn	15885
Taizz	At Ta'iziyah	13549
Taizz	Dimnat Khadir	13921
Taizz	Jabal Habashy	11582
Taizz	Mashra'a Wa Hadnan	13555
Taizz	Sabir Al Mawadim	13675
Taizz	Salh	12650

*N/A indicates that, in the specific location, WASH SMEB was reported unavailable.

Median Cost of WASH SMEB



Note: Only districts with data for the complete SMEB were taken into account for this map.

Yemen Joint Market Monitoring Initiative (JMMI), February 2020

PRICE MONITORING OVERVIEW FOR YEMEN*

MEDIAN PRICE LEVELS, PER ITEM, PER MONTH (YER)

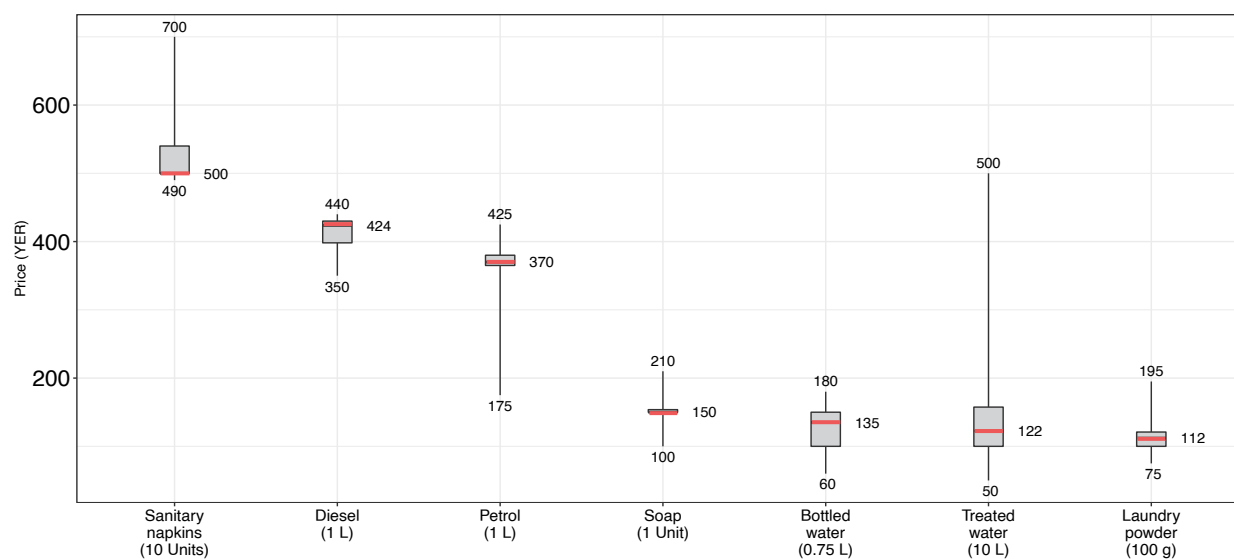
Item	September 2017 (baseline) [^]	November 2017 [^]	Aug 2019	Sept 2019	Oct 2019	Nov 2019	Dec 2019	Jan 2020	Feb 2020	% Change (Jan-Feb)
Petrol (1L)	275	349	370	368	365	365	365	365	370	+1.4%
Diesel (1L)	235	394	401	400	405	413	420	430	424	-1.4%
Bottled Water (.75L)	70	100	138	125	140	138	130	125	135	+8.0%
Treated Water (10L)	NA ↯	175 ↯	120	120	120	130	129	135	123	-8.9%
Soap (1 Unit)	88	NA	140	150	150	150	150	150	150	0.0%
Laundry Powder (100g)	50	NA	130	109	120	113	118	111	112	+0.9%
Sanitary Napkins (10)	250	NA	550	500	500	500	500	500	500	0.0%
Water Trucking (1m³)	825	1,700	1,450	1,875	2,500	1,500	2000	2417	2292	-5.2%

* Price variations and the percentage change are calculated using data from markets that were assessed in both consecutive months.

[^] Price levels for September 2017 are the price quotations recorded during the Multi-Agency Joint Cash Study, while prices for November 2017 were recorded during the Weekly Price Monitoring Initiative conducted by the WASH Cluster.

↯ Treated water prices for September 2017 and November 2017 were for 20L, while the JMMI collects prices for 10L.

PRICE DISTRIBUTION OF KEY ITEMS ACROSS YEMEN



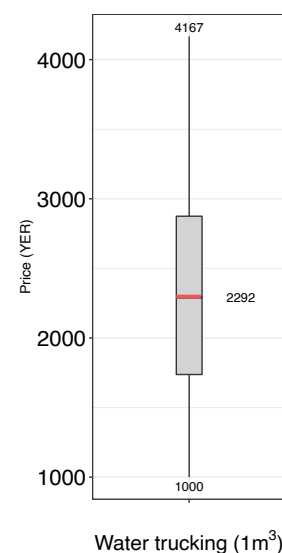
FEBRUARY 2020 MEDIAN PRICE PER GOVERNORATE (YER)

Governorate	Petrol (1L)	Diesel (1L)	Bottled water (0.75L)	Treated water (10L)	Soap (1 Unit)	Laundry powder (100g)	Sanitary napkins (10)	Water trucking (1m³)
Aden	380	395	150	80	150	75	500	3000
Al Bayda	365	420	100	160	N/A	N/A	N/A	N/A
Al Hudaydah	383	390	135	150	145	115	500	1900
Al Jawf	380	N/A	150	N/A	210	80	500	4167
Amran	365	430	100	100	150	120	500	3500
Dhamar	365	430	100	500	150	100	500	1000
Hajjah	370	435	150	150	150	122	513	2584
Ibb	365	430	150	100	200	150	500	2333
Lahj	370	395	168	100	150	100	500	1850
Marib	175	350	60	50	100	99	700	4000
Sa'ada	370	445	180	155	160	190	650	3000
Sana'a	365	420	100	160	150	109	700	1000
Sana'a City	365	430	130	120	150	105	490	1400
Shabwah	385	398	100	60	155	135	550	1700
Taizz	425	428	150	100	150	120	500	2500

* NAs indicates that the specific question was not answered by the KIs

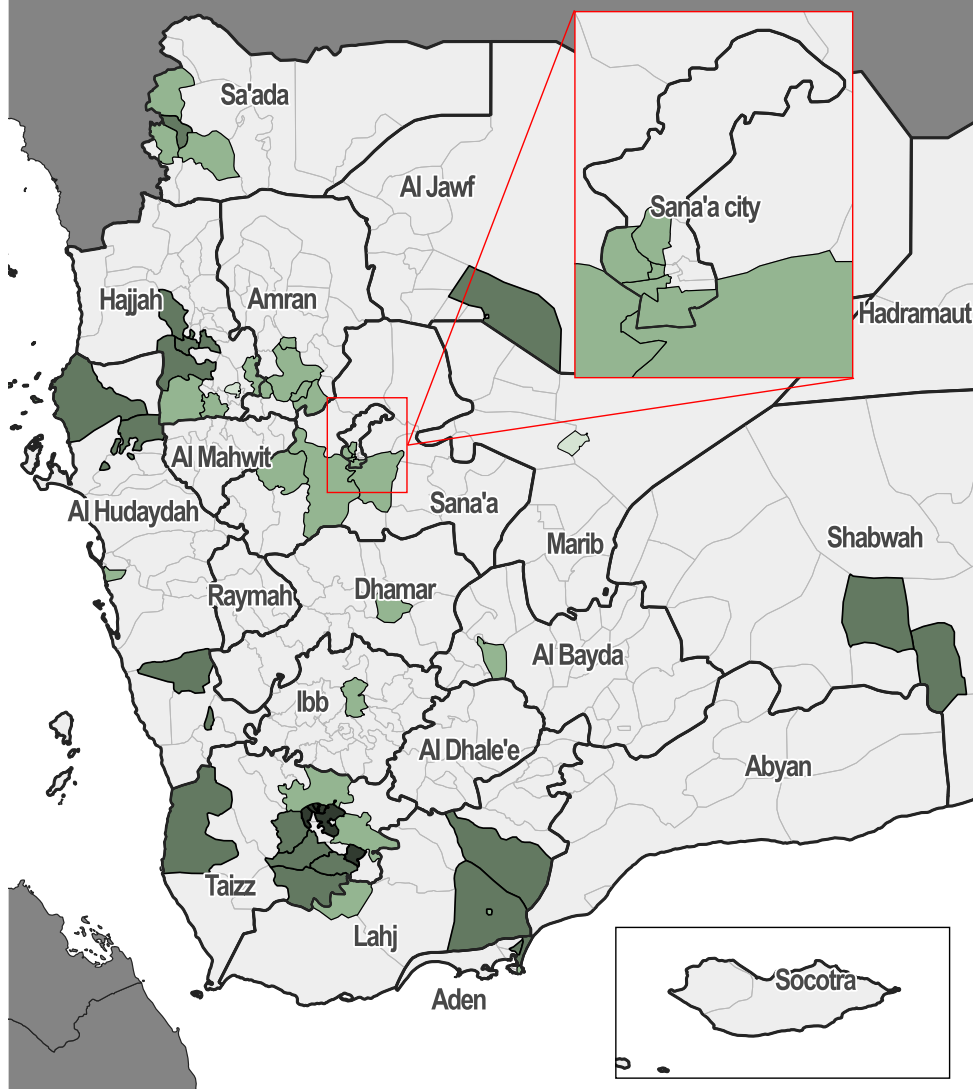
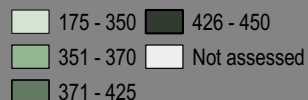
ORIGIN OF GOODS BY GOVERNORATE

Governorate	Governorate Origin: Fuel	Governorate Origin: WASH
Aden	Aden	Aden
Al Bayda	Do Not Know	Do Not Know
Al Hudaydah	al Hudaydah	al Hudaydah
Al Jawf	Marib	Marib
Amran	Sana'a City	Amran
Dhamar	Dhamar	Dhamar
Hajjah	al Hudaydah	Hajjah
Ibb	Sana'a	Ibb
Lahj	Aden	Lahj
Marib	Marib	Marib
Sa'ada	Sa'ada	Sa'ada
Sana'a	Do not know	Do not know
Sana'a City	al Hudaydah	Sana'a City
Shabwah	Hadramaut	Shabwah
Taizz	Lahj	Taizz



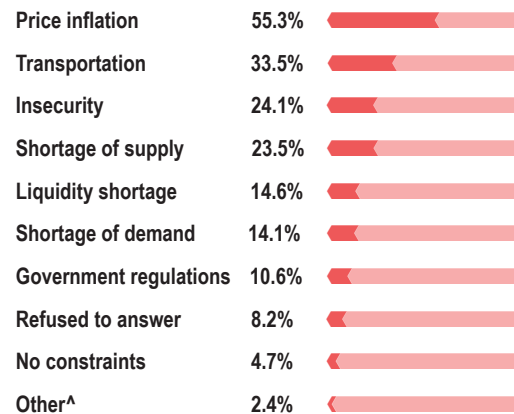
Petrol Prices

Median prices of petrol per district per liter in (YER)



Note: The differences in the number of districts shown between the two maps for fuel and water prices are due to the methodology-stipulated requirement for a minimum of three price quotations per market per district.

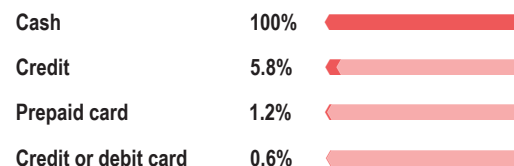
MOST REPORTED CONSTRAINTS FOR: FUEL VENDORS*



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

^Includes additional fees at check points

PAYMENT MODALITIES ACCEPTED: FUEL VENDORS*



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

MEDIAN PETROL PRICE BY DISTRICT (YER)

Governorate	District	Petrol Price
Aden	Ash Shaikh Outhman	380
Aden	Craiter	360
Aden	Khur Maksar	380
Al Bayda	Rada'	365
Al Hudaydah	Al Hawak	365
Al Hudaydah	Al Qanawis	390
Al Hudaydah	Alluheyah	400
Al Hudaydah	Zabid	375
Al Jawf	Al Hazm	380
Amran	Amran	365
Amran	Iyal Surayh	365
Amran	Jabal Iyal Yazid	365

Governorate	District	Petrol Price
Dhamar	Dhamar City	365
Hajjah	Al Mahabishah	375
Hajjah	Ash Shaghadirah	365
Hajjah	Aslem	400
Hajjah	Bani Qa'is	365
Hajjah	Hajjah City	350
Hajjah	Ku'aydinah	406
Hajjah	Kuhlan Affar	365
Hajjah	Qafil Shamer	375
Ibb	Al Makhadir	365
Lahj	Al Hawtah	360
Lahj	Al Maqatirah	360
Lahj	Al Milah	380
Lahj	Tuban	380
Marib	Marib City	175
Sa'ada	Ghamr	380
Sa'ada	Monabbih	365
Sa'ada	Razih	370
Sa'ada	Saqayn	370
Sana'a	Al Haymah Ad Dakhiliyah	365
Sana'a	Bani Matar	365
Sana'a	Sanhan	365
Sana'a City	Al Wahdah	365
Sana'a City	As Sabain	365
Sana'a City	At Tahrir	365
Sana'a City	Ath'thaorah	365
Sana'a City	Ma'ain	365
Shabwah	Ataq	380
Shabwah	Habban	390
Taizz	Al Mukha	420
Taizz	Al Ma'afer	425
Taizz	Al Mawasit	425
Taizz	Al Mudhaffar	450
Taizz	Al Qahirah	450
Taizz	As Silw	450
Taizz	Ash Shamayatayn	425
Taizz	At Ta'iziyah	365
Taizz	Dimnat Khadir	365
Taizz	Jabal Habashy	400
Taizz	Mashra'a Wa Hadnan	N/A
Taizz	Sabir Al Mawadim	450
Taizz	Salh	450

*N/A indicates that, in the specific location, fuel was reported unavailable.

OVERVIEW OF WATER TRUCKING

56% of water trucking vendor KIs stated that they charged delivery costs based on the distance between the water source and the delivery point. The average price for an additional 5km is **5,000 YER** and **6,500 YER** for an additional 10 km.

52% of water trucking vendor KIs stated that they sell non-chlorinated water.

40% of water trucking vendor KIs stated that they sell chlorinated water. Additionally, **8%** of water trucking vendor KIs reported being unaware whether or not the water they sold was chlorinated.

86% of water trucking vendor KIs reported sourcing water from a pumping station or a borehole.

5% of water trucking vendor KIs reported sourcing water from a treatment station.

8% of water trucking vendor KIs reported sourcing water from a spring.

PAYMENT MODALITIES ACCEPTED: WATER TRUCKING*

Cash	98.0%	
Credit	13.3%	

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

MEDIAN WATER TRUCKING PRICE BY DISTRICT (YER)

Governorate	District	Water Trucking Price
Aden	Ash Shaikh Outhman	1000
Aden	Craiter	N/A
Aden	Khur Maksar	5000
Al Bayda	Rada'	N/A
Al Hudaydah	Al Hawak	N/A
Al Hudaydah	Al Qanawis	1800
Al Hudaydah	Alluheyah	2000
Al Hudaydah	Zabid	N/A

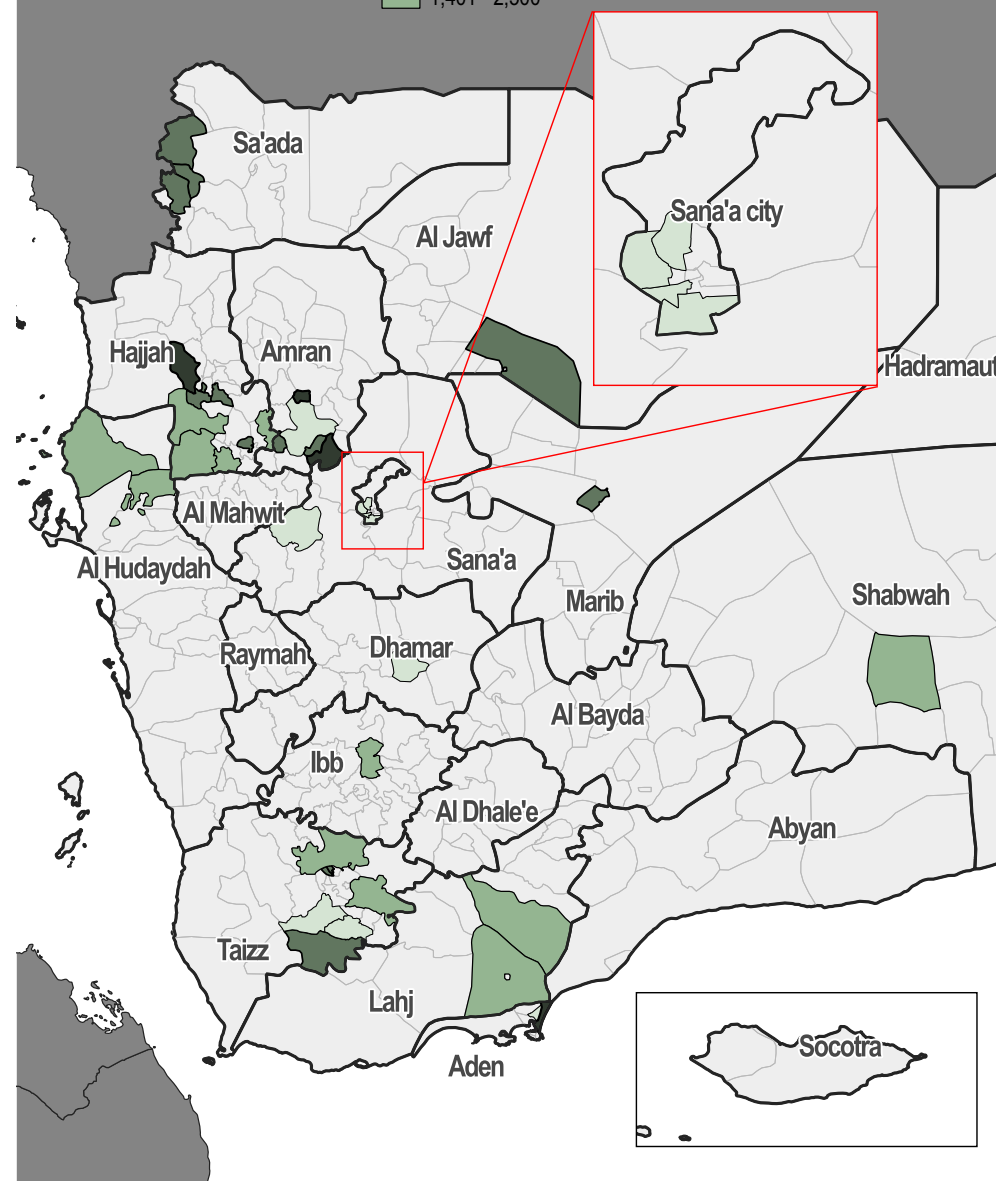
Governorate	District	Water Trucking Price
Al Jawf	Al Hazm	4167
Amran	Amran	3500
Amran	Iyal Surayh	6000
Amran	Jabal Iyal Yazid	1000
Dhamar	Dhamar City	1000
Hajjah	Al Mahabishah	2667
Hajjah	Ash Shaghadirah	1500
Hajjah	Aslem	5500
Hajjah	Bani Qa'is	1500
Hajjah	Hajjah City	2700
Hajjah	Ku'aydinah	2500
Hajjah	Kuhlan Affar	2500
Hajjah	Qafil Shamer	3000
Ibb	Al Makhadir	2333
Lahj	Al Hawtah	N/A
Lahj	Al Maqatirah	N/A
Lahj	Al Milah	1500
Lahj	Tuban	2200
Marib	Marib City	4000
Sa'ada	Ghamr	3000
Sa'ada	Monabbih	3000
Sa'ada	Razih	3000
Sa'ada	Saqayn	N/A
Sana'a	Al Haymah Ad Dakhiliyah	1000
Sana'a	Bani Matar	N/A
Sana'a	Sanhan	N/A
Sana'a City	Al Wahdah	1400
Sana'a City	As Sabain	1400
Sana'a City	At Tahir	N/A
Sana'a City	Ath'thorah	1400
Sana'a City	Ma'ain	800
Shabwah	Ataq	1700
Shabwah	Habban	N/A
Taizz	Al Mukha	N/A
Taizz	Al Ma'afer	1200
Taizz	Al Mawasit	1200
Taizz	Al Mudhaffar	4000
Taizz	Al Qahirah	3750
Taizz	As Siw	N/A
Taizz	Ash Shamayatayn	3500
Taizz	At Ta'iziyah	2333
Taizz	Dimnat Khadir	2500
Taizz	Jabal Habashy	N/A
Taizz	Mashra'a Wa Hadnan	N/A
Taizz	Sabir Al Mawadim	N/A
Taizz	Salh	N/A

*N/A indicates that in this specific location water trucking was reportedly unavailable.

Water Trucking Prices

Water trucking prices per district per cubic meter in (YER)

Not assessed	2,501 - 4,500
800 - 1,400	4,501 - 6,000
1,401 - 2,500	



GOVERNORATE SUPPLY CHAIN ACCORDING TO FUEL VENDOR

Governorate	District	Supplier Governorate	Number Respondents of Total Interviewed [^]	Governorate	District	Supplier Governorate	Number Respondents of Total Interviewed [^]
Aden	Ash Shaikh Outhman	Aden	2 / 10	Sa'ada	Monabbih	Sa'ada	3 / 3
Aden	Craiter	Aden	3 / 3	Sa'ada	Razih	Sa'ada	3 / 3
Aden	Khur Maksar	Aden	2 / 10	Sa'ada	Saqayn	Do not know ^{^^}	4 / 4
Al Bayda	Rada'	Do not know ^{^^}	3 / 3	Sana'a	Al Haymah Ad Dakhiliyah	Sana'a City	1 / 3
Al Hudaydah	Al Hawak	Al Hudaydah	3 / 3	Sana'a	Bani Matar	Do not know ^{^^}	3 / 3
Al Hudaydah	Al Qanawis	Al Hudaydah	3 / 3	Sana'a	Sanhan	Do not know ^{^^}	3 / 3
Al Hudaydah	Alluheyah	Al Hudaydah	3 / 3	Sana'a City	Al Wahdah	Al Hudaydah	4 / 4
Al Hudaydah	Zabid	Al Hudaydah	9 / 9	Sana'a City	As Sabain	N/A [~]	4 / 7
Al Jawf	Al Hazm	Marib	3 / 3	Sana'a City	At Tahrir	Marib	3 / 3
Amran	Amran	Sana'a City	5 / 8	Sana'a City	Ath'thaorah	Sana'a City	3 / 3
Amran	Iyal Surayh	Sana'a City	6 / 6	Sana'a City	Ma'ain	Al Hudaydah	2 / 6
Amran	Jabal Iyal Yazid	Al Hudaydah	2 / 5	Shabwah	Ataq	Hadramaut	3 / 3
Dhamar	Dhamar City	Dhamar	3 / 3	Shabwah	Habban	Hadramaut	2 / 3
Hajjah	Al Mahabishah	Al Hudaydah	3 / 3	Taizz	Al Mukha	Aden	3 / 3
Hajjah	Ash Shaghadirah	Al Hudaydah	2 / 5	Taizz	Al Ma'afer	Aden	1 / 7
Hajjah	Aslem	Al Hudaydah	3 / 3	Taizz	Al Mawasit	Lahj	1 / 7
Hajjah	Bani Qa'is	Al Hudaydah	2 / 5	Taizz	Al Mudhaffar	Aden	1 / 4
Hajjah	Hajjah City	Al Hudaydah	3 / 3	Taizz	Al Qahirah	Aden	1 / 5
Hajjah	Ku'aydinah	Al Hudaydah	4 / 4	Taizz	As Silw	Taizz	3 / 3
Hajjah	Kuhlan Affar	Al Hudaydah	4 / 10	Taizz	Ash Shamayatayn	Lahj	3 / 3
Hajjah	Qafil Shamer	Al Hudaydah	3 / 3	Taizz	At Ta'iziyah	Sana'a	9 / 9
Ibb	Al Makhadir	Sana'a	4 / 5	Taizz	Dimnat Khadir	Sana'a	6 / 6
Lahj	Al Hawtah	Aden	3 / 3	Taizz	Jabal Habashy	Lahj	8 / 14
Lahj	Al Maqatirah	Aden	3 / 3	Taizz	Mashra'a Wa Hadnan	N/A [~]	0 / 3
Lahj	Al Milah	Hadramaut	1 / 3	Taizz	Sabir Al Mawadim	Aden	1 / 4
Lahj	Tuban	N/A [~]	4 / 10	Taizz	Salh	Aden	3 / 5
Marib	Marib City	Marib	3 / 3				
Sa'ada	Ghamr	Sa'ada	3 / 3				

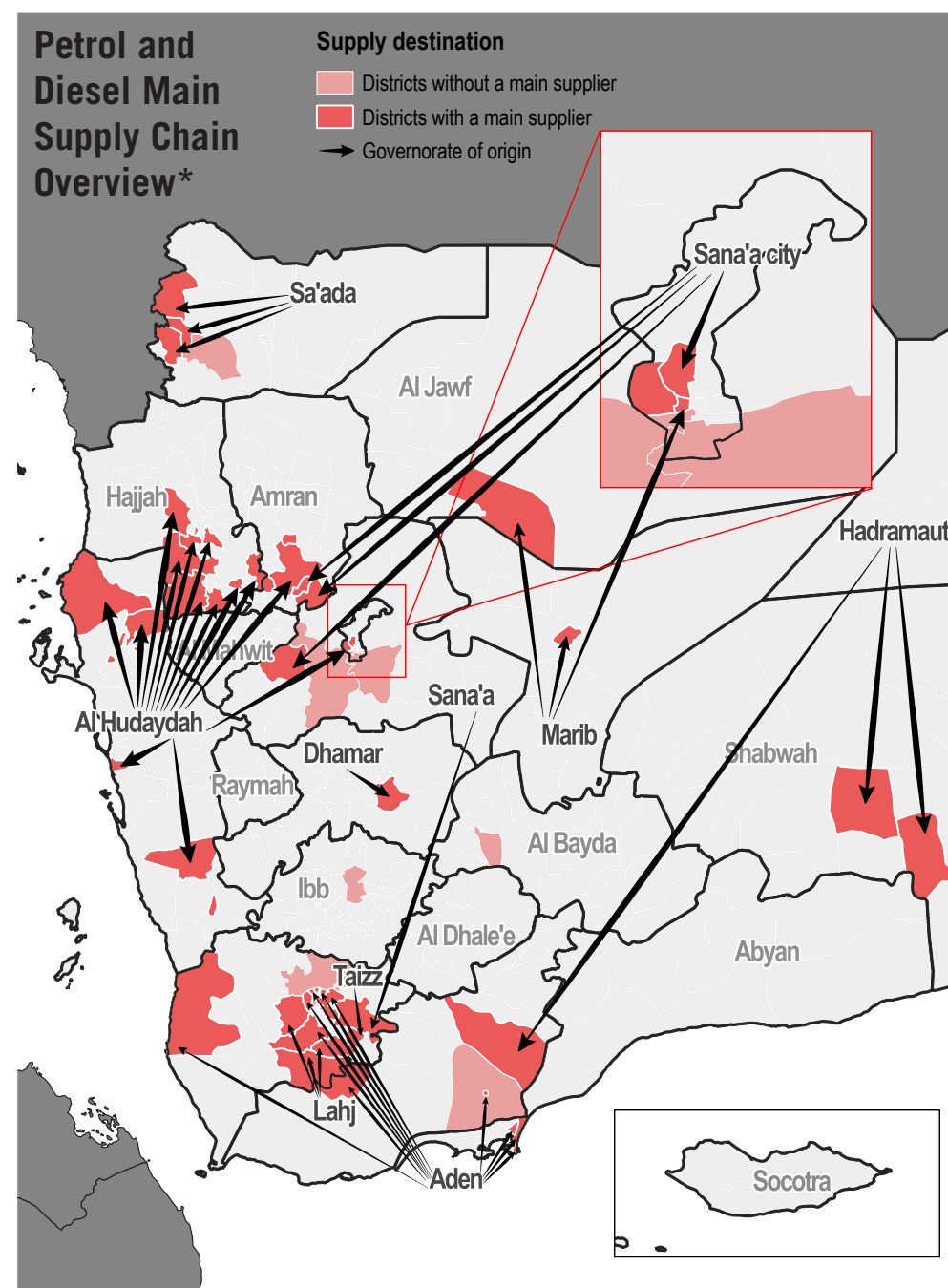
[^]If the number is 4/10 (e.g.), this indicates that 10 vendor KIs were interviewed, of those, 4 answered the supply question.

The supplier governorate indicates the most prevalent answer. In the case of a tie, both governorates are shown.

^{*}The map shows fuel supply chain inside the same governorate and towards other governorates. Districts without a main supplier are those where vendor KIs could not identify the origin of the fuel they sold.

[~] Fuel prices and vendors were not available in district

^{^^} Do Not Know was a potential option that could be selected by respondents

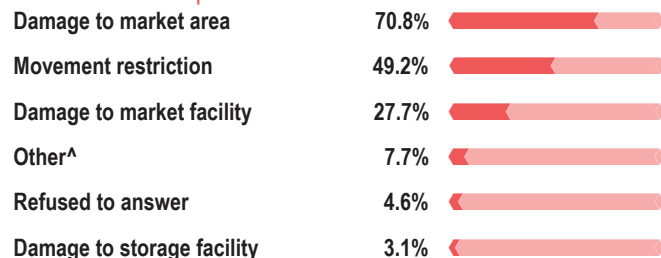


SUPPLY CHAIN OVERVIEW FOR YEMEN

MARKET-RELATED CONCERNS AFFECTING VENDOR CAPACITY TO CONDUCT BUSINESS

When asked if they faced any market-related concerns that would prevent them from conducting their business, 59% of the assessed KIs responded that they did not face any concerns compared to 41% who responded that they did. Of those vendors who experienced market related concerns, the most reported responses are summarized below.

Most reported market-related concerns*



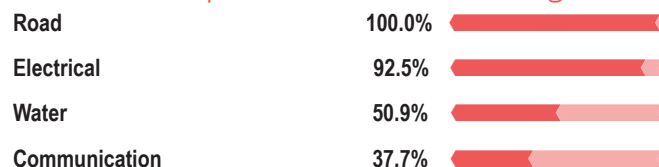
*Values do not add up to 100% as vendor KIs were allowed to select multiple options.

[^]Increased prices.

MOST REPORTED DAMAGED INFRASTRUCTURE AFFECTING VENDOR CAPACITY TO CONDUCT BUSINESS*

The 82% of vendor KIs who reported "damage to the market area" and "damage to the market facility" as concerns affecting their capacity to run their businesses were then asked what infrastructure was most damaged.

Most reported infrastructure damage*



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

MEDIAN PRICE OF GOODS ORIGINATING FROM ADEN AND AL HUDAYDAH (YER)

Governorate Source	Petrol (1L)	Diesel (1L)	Soap (1 Unit)	Laundry powder (100g)	Sanitary napkins (10)
Aden	380	410	150	100	500
al Hudaydah	375	430	150	150	550

Vendor KIs were asked about the origin of various products sold in their stores. The two main points of origin for these products were Aden and al Hudaydah, with diesel, laundry powder, and sanitary napkins originating from Aden being cheaper than in al Hudaydah, while petrol was cheaper in al Hudaydah.

AVERAGE RESTOCKING TIME (DAYS)

-CHANGE IN DAYS FROM January 2020 IN

BRACKETS -

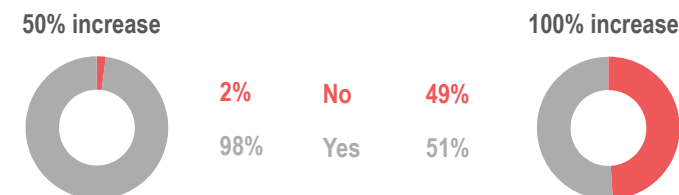
Governorate	Fuel Items	WASH Items
Aden	2 (-1)	2 (0)
Al Bayda	N/A*	N/A*
Al Hudaydah	7 (-1)	6 (-2)
Al Jawf	4 (1)	4 (1)
Amran	4 (0)	1 (-2)
Dhamar	1 (0)	4 (-1)
Hajjah	9 (1)	9 (-3)
Ibb	14 (2)	1 (0)
Lahj	4 (0)	16 (12)
Marib	11 (8)	13 (6)
Sa'ada	6 (0)	7 (0)
Sana'a	2 (0)	1 (0)
Sana'a City	2 (-1)	2 (1)
Shabwah	2 (0)	1 (0)
Taizz	5 (-1)	3 (-1)

* N/A indicates that the specific question was not answered by the KIs

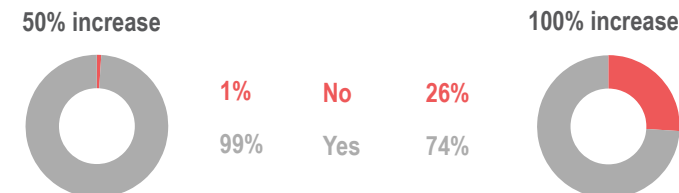
VENDOR CAPACITY TO RESPOND TO A SUDDEN INCREASE IN DEMAND

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% and 100% respectively. KIs are better able to absorb a 50% increase in demand, compared to a 100% increase in demand, regardless of the item in question.

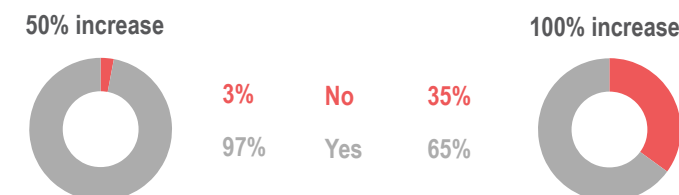
Vendor capacity to respond to a 50% and 100% increase in demand for fuel items



Vendor capacity to respond to a 50% and 100% increase in demand for WASH items



Vendor capacity to respond to a 50% and 100% increase in demand for water trucking



APPENDIX

WHAT IS THE INTERSECTORAL OR CASH AND MARKET WORKING GROUP?

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 CMWVG 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 CMWVG, 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, or multiple areas of commerce within the same geographical location when it is too small, to provide a minimum of three price quotations per assessed item.

Participating organisations train their enumerators on the JMMI methodology and data collection tools using standard training materials developed by REACH. Each month, enumerators conduct KI interviews with market vendors to collect three price quotations for each item from the same market in each district. 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. The cleaned data is then analysed by commodity and by governorate. To illustrate local variations in prices and availability, REACH uses the collected data to map the price of each type of item in each district. 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 (20 units) and water trucking (3.15 m3). The cleaned data sets are available on the [REACH Resource Centre](#) and are distributed to all participating partners, as well as to relevant clusters and the broader humanitarian community.

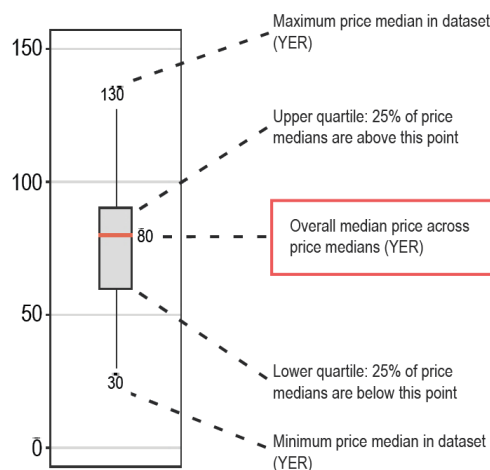
LIMITATIONS

Due to issues of access and security across Yemen, the districts included in the JMMI vary on a monthly basis, and as such there are sometimes a limited number of districts for which trends can be assessed over time. Governorate level data is aggregated from the respective districts assessed in a given month, and so the findings are not representative of individual markets. 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. Participating organisations are therefore requested to adopt harmonised data collection methodologies and tools to ensure that the data uploaded is as accurate as possible.

CALCULATION OF DISTRICT AND GOVERNORATE MEDIAN PRICE

The calculation of the aggregated median price for districts and governorates is done following a stepped approach. Firstly, the median of all the price quotations related to the same market is taken. Secondly, the median quotation from each market is aggregated to calculate the district median. Finally, the median quotation from each district is aggregated to calculate the governorate median. Additionally, district and governorate median prices and percentage change 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 should be attributed to changes in monthly coverage when registered.

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, contact us directly at yemen@reach-initiative.org or follow us on Twitter at [@REACH_info](https://twitter.com/REACH_info).

PARTICIPATING PARTNERS INCLUDE



Number of Districts Assessed Per Governorate

Governorate	Districts Covered
Aden	3
Al Bayda	1
Al Hudaydah	4
Al Jawf	1
Amran	3
Dhamar	1
Hajjah	8
Ibb	1
Lahj	4
Marib	1
Sa'ada	4
Sana'a	3
Sana'a City	5
Shabwah	2
Taizz	13