Impact of COVID-19 on Markets and Prices
Secondary Data Analysis, Iraq
<div align="right">April 2020</div>

Context and Methodology

As of 13 June 2020, the World Health Organisation has confirmed 17,770 cases of COVID-19 in Iraq, and 496 fatalities[1]. With more than 4 million people already in need of humanitarian assistance, the potential impact of COVID-19 on vulnerable populations is high.[2] In order to explore the impact of COVID-19 on markets in Iraq and inform the Cash Working Group (CWG) cash distribution and voucher programming, REACH conducted a secondary analysis on the data collected by the **Cash Consortium for Iraq** (CCI) and the **World Food Programme** (WFP).

The secondary analysis was performed on four datasets: the **CCI Enhanced Frequency Price Monitoring (EFPM)** and **beneficiary market perspective**, and the **WFP Vulnerability Analysis and Mapping (VAM) price monitoring** and **Market Functionality Monitoring**. Data was collected between the 5th April and 3rd May 2020 through nationwide phone or face-to-face interviews. The CCI data covers findings for 25 districts, while the WFP data provides results for 18 governorate capitals.

Key findings

The **monthly national median common food basket price increased by around 17,750 IQD** between March and April 2020. Comparing March and April 2020 prices with March and April 2019 prices indicates that this increase cannot be attributed to seasonality (see graph on the right). In every governorate capital (except in Al-Basrah, Babil and Wassit governorates), the food basket price increased between April 2019 and April 2020 (see map on the right). The **median common basket price was found to be higher in all assessed districts than in the capitals of Al-Anbar, Al-Basrah, Baghdad governorates and only in Al-Mosul district for Ninewa governorate**; while it was found lower in assessed districts of the other governorates (see map on p.2). Proximity to farms and arable lands could explain this difference.

Demand, liquidity and checkpoints were the most commonly reported challenges faced by interviewed retailers in the 30 days prior to the interview, across all districts and weeks. **The majority of the retailers interviewed did not report a harmful change to their supply routes** in the 30 days prior to the interview; however, for those that did, the main challenge reported was **road closure**.

The most commonly reported challenges by interviewed beneficiaries in the seven days prior to the interview **were not being able to work because of movement restrictions or curfews related to COVID-19, not being able to work because of changes in business activity related to COVID-19, and not being able to meet basic needs because of a lack of money**. To overcome those challenges and meet daily needs, most beneficiaries reported resorting to coping mechanisms, the most commonly used being **relying on financial or material support from peers and purchasing on credit from shops**. Reducing portion size or skipping meals was also commonly reported.

Most common answers reported by interviewed respondents each week stayed relatively similar in April. This suggests that the situation in April was stable, in the sense that the respondents knew what their challenges were, rather than a phase of adaption to the new restrictions and ensuing uncertainty. Unless other mitigation measures or new restrictions are to come in place, it is unlikely that the situation should rapidly evolve.

Monthly national median common food basket price in IQD for 2019 and 2020
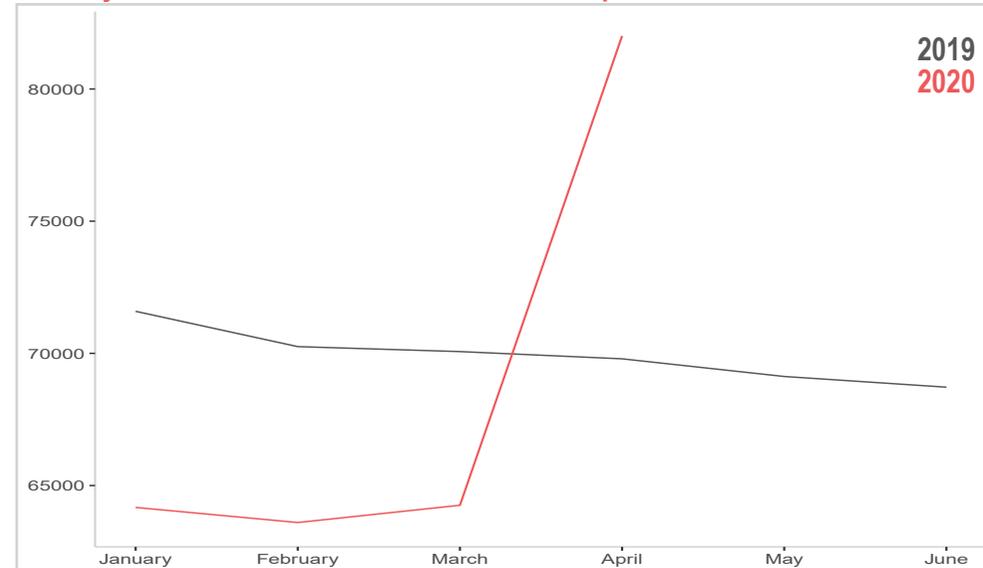
Change in the monthly national median common food basket price between April 2019 and April 2020, by governorate capital
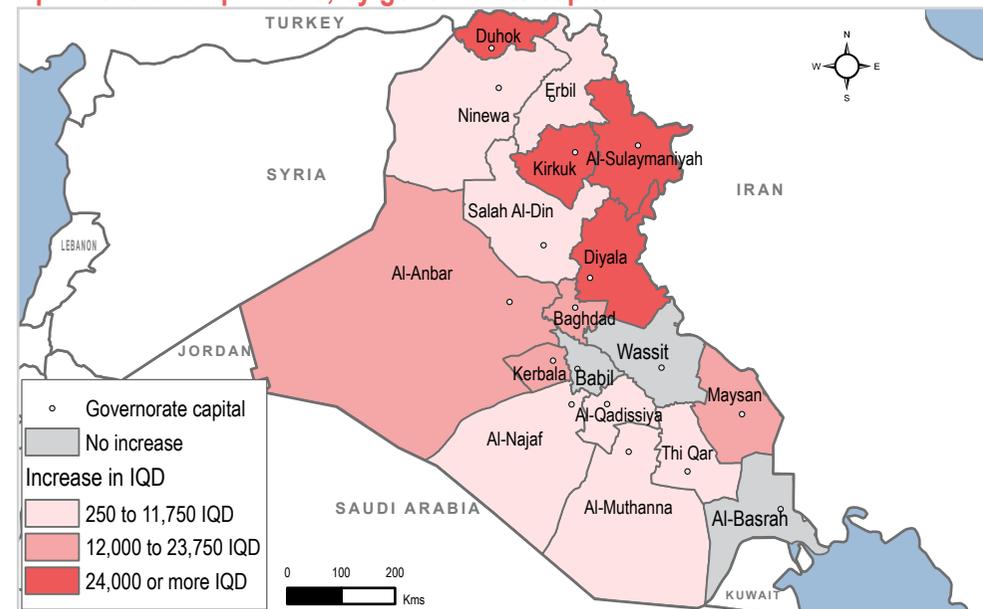
[1] World Health Organization. Coronavirus disease (COVID-19) Dynamic Infographic Dashboard for Iraq 2020
[2] Iraq's CCCM Cluster. Accessed 6 June 2020.

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Variation of prices of the common basket between governorate capital and districts in April 2020

Difference of price of the common basket in district compared to its governorate capital (in IQD)

More expensive in districts
- 250 to 11,750 IQD
- 12,000 to 23,750 IQD
- 24,000 or more IQD

Less expensive in districts
- 250 to 11,750 IQD
- 12,000 to 23,750 IQD
- 24,000 or more IQD

District not assessed

0   100   200
Kms
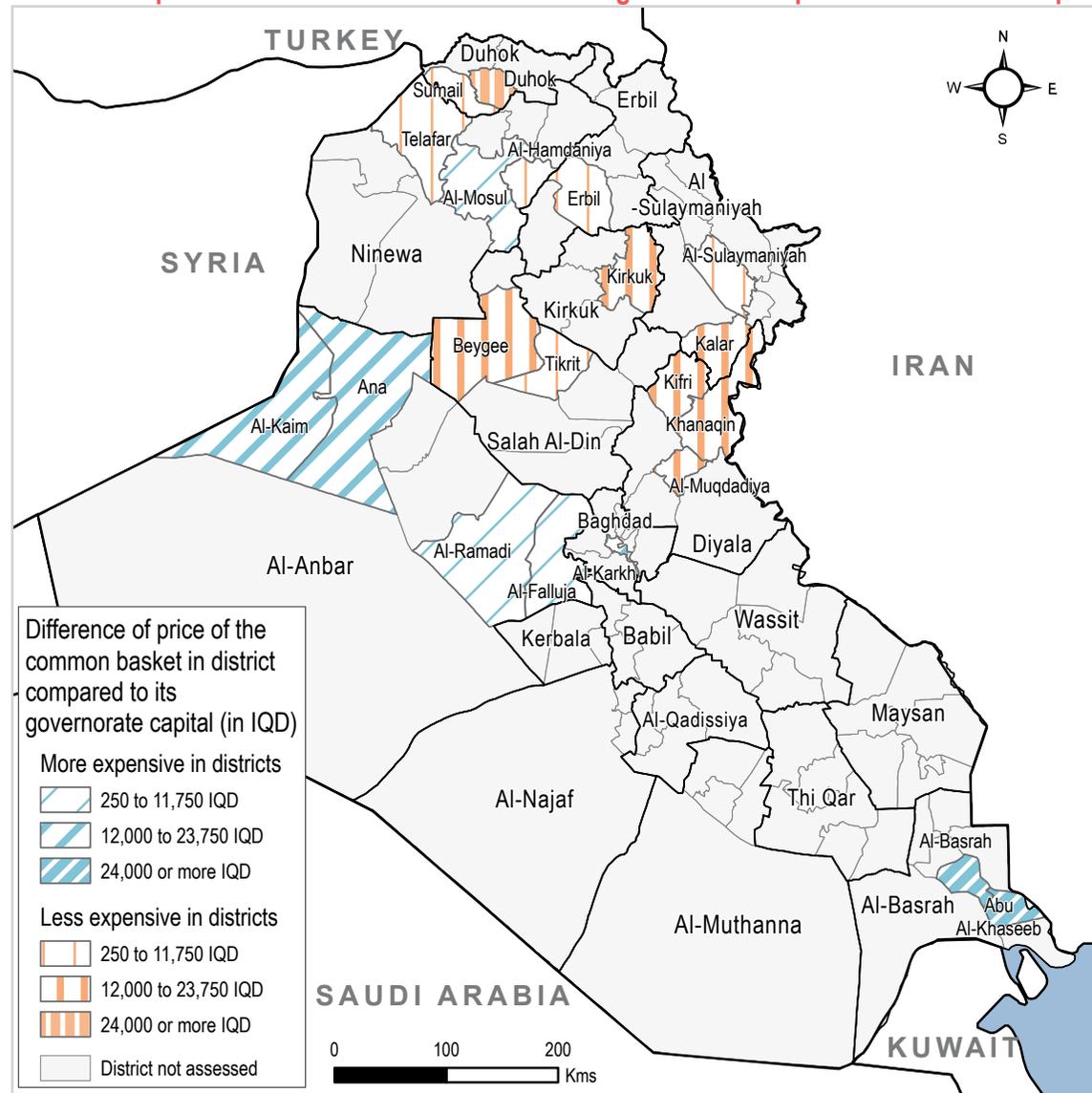
Common food basket price for 2019 and 2020 (page 1)

Monthly VAM data was available at governorate level up to March 2020 at the time of the analysis. For April 2020, weekly prices were shared by WFP. For each commodity and for each governorate, separate medians prices for each week were calculated and then the median across those four weeks was used for the April 2020 median price. The common food basket price was calculated for each governorate for each month (map page 1).

The monthly national common food basket price (graph page 1) consists of the median of all the governorates' common food basket price. Missing commodity prices were replaced by the median price of that item of all governorates for the same month.

Common basket for April 2020 (page 2)

CCI EFPM data was shared at the retailer level for the four weeks of April. The median price for each item for each market was calculated for each week. Then the district median price for each item was calculated for each week. Only districts with a minimum of three monitored shops were included. In the case of missing values, the median price for all districts was used.

VAM data was shared at governorate capital level already for the four weeks of April 2020 for each item. The common basket price was calculated for each governorate capital (data from VAM) and for each district (data from EFPM). The median across those four weeks was used for the April 2020 median price. The April median common basket price was then compared between each district and their governorate capital (governorate capital price minus district price).

Survival Minimum Expenditure Basket

The Survival Minimum Expenditure Basket (SMEB) was **not** used as indicator for this analysis. The different datasets monitored different commodities at different time. To avoid any confusion with the SMEB, other denominations are used and difference in absolute numbers are shown rather than proportions.

The following table shows which items were included in the common basket and their quantity. The table is based on the common items collected in both assessments and the composition of the current SMEB in order to calculate a comparable basket.

Composition of common food basket and common basket[3]

Food items			Non-food items (NFIs)		
Only items highlighted in red were included in the common food basket	Bulgur	5 kg		Bath Soap	6 125-g bars
	Lentils	10 kg		Toothbrushes	6 units
	Rice	15 kg		Detergent	1 kg
	Salt	0.75 kg		Shampoo	1 500-ml bottle
	Sugar	5 kg		Toothpaste	1 75-ml tube
	Vegetable Oil	4.55 l		Sanitary Napkins	32 units
	Wheat Flour	30 kg			

[3] In addition to the items displayed in the table, the SMEB includes the following: garbage bags, rent, electricity, water, transportation and communication.

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April 2020

Al-Anbar governorate | Availability Scarcity score: **6** (max 6) | Availability Runout score: **6** (max 6) | Resilience Supply Chain: **2** (max 2)
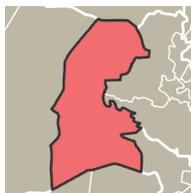
Al-Falluja

Numbers of interviews per week

Retailers	week 1	13
	week 2	22
	week 3	18
	week 4	19
Beneficiaries	week 1	10
	week 2	10
	week 3	10
	week 4	11

Al-Falluja

	Top reported choices week 1	n[4]	Top reported choices week 2	n[4]	Change to the previous week's rank	Top reported choices week 3	n[4]	Change to the previous week's rank	Top reported choices week 4	n[4]	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Liquidity	10	Liquidity	18	▶	Liquidity	14	▶	Liquidity	15	▶
	Demand	9	Demand	10	▶	None or don't know	4	▲	Demand	7	▲
	Government regulations	3	Checkpoints	4	▲	Demand	3	▼	Checkpoints	2	▲
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	No changes	6	No changes	17	▶	No changes	16	▶	No changes	18	▶
Challenges faced by interviewed beneficiaries in relation to normal activities in the 7 days prior to the interview	Not able to work because of movement restrictions	10	Unable to meet basic needs because of lack of money	8	▲	Unable to meet basic needs because of movement restrictions	10	▲	Unable to meet basic needs because of lack of money	5	▲
	Not able to work because of changes in business activity related to COVID-19	10	Not able to work because of movement restrictions	6	▼	Not able to work because of movement restrictions	8	▶	Unable to meet basic needs for other reasons	2	▲
Coping mechanism used by interviewed beneficiaries to meet daily needs in the 7 days prior to the interview	*Question was added from the third week of April*					Purchased on credit from a shop	8		Reduced portion size or skipped meals	8	▲
						Reduced portion size or skipped meals	2		Taken financial or material support from peers	3	▲

Al-Kaim

Numbers of interviews per week

Retailers	week 1	6
	week 2	7
	week 3	8
	week 4	7
Beneficiaries	week 1	10
	week 2	11
	week 3	10
	week 4	10

Al-Kaim

|	Top reported choices week 1	n[4]	Top reported choices week 2	n[4]	Change to the previous week's rank	Top reported choices week 3	n[4]	Change to the previous week's rank	Top reported choices week 4	n[4]	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Liquidity	6	Liquidity	7	▶	Liquidity	8	▶	Liquidity	7	▶
	NA		NA			NA			NA		
	NA		NA			NA			NA		
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	No changes	6	No changes	7	▶	No changes	8	▶	No changes	7	▶
Challenges faced by interviewed beneficiaries in relation to normal activities in the 7 days prior to the interview	Not able to work because of movement restrictions	10	Not able to work because of movement restrictions	9	▶	Unable to meet basic needs because of movement restrictions	10	▲	Unable to meet basic needs because of lack of money	3	▲
	Not able to work because of changes in business activity related to COVID-19	10	Unable to meet basic needs because of lack of money	5	▲	Not able to work because of movement restrictions	8	▼	Do not know	3	▲
Coping mechanism used by interviewed beneficiaries to meet daily needs in the 7 days prior to the interview	*Question was added from the third week of April*					Purchased on credit from a shop	9		Reduced portion size or skipped meals	6	▲
						Taken financial or material support from peers	3		Taken financial or material support from peers	5	▲

[4] Number of respondents that selected that option. They could select multiple response options.

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Al-Anbar governorate (cont'd)
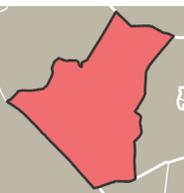
Al-Ramadi

Numbers of interviews per week

Retailers	
week 1	15
week 2	23
week 3	29
week 4	29

Beneficiaries	
week 1	10
week 2	10
week 3	10
week 4	9

Al-Ramadi	Top reported choices week 1	n[4]	Top reported choices week 2	n[4]	Change to the previous week's rank	Top reported choices week 3	n[4]	Change to the previous week's rank	Top reported choices week 4	n[4]	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Liquidity	12	Liquidity	21	▶	Liquidity	26	▶	Liquidity	25	▶
	None or don't know	3	Government regulations	2	▲	None or don't know	3	▲	None or don't know	4	▶
	NA		NA			NA			NA		
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	No changes	15	No changes	23	▶	No changes	29	▶	No changes	29	▶
Challenges faced by interviewed beneficiaries in relation to normal activities in the 7 days prior to the interview	Not able to work because of movement restrictions	9	Not able to work because of movement restrictions	10	▶	Not able to work because of changes in business activity related to COVID-19	10	▲	Not able to work because of movement restrictions	5	▲
	Unable to meet basic needs because of movement restrictions	4	Unable to meet basic needs because of movement restrictions	10	▶	Not able to work because of movement restrictions	9	▼	Not able to work because of changes in business activity related to COVID-19	3	▼
Coping mechanism used by interviewed beneficiaries to meet daily needs in the 7 days prior to the interview	*Question was added from the third week of April*					NA			Purchased on credit from a shop	9	▲
						NA			Taken financial or material support from peers	3	▼

Ana

Numbers of interviews per week

Retailers	
week 1	12
week 2	16
week 3	14
week 4	15

Beneficiaries	
week 1	20
week 2	19
week 3	19
week 4	21

Ana	Top reported choices week 1	n[4]	Top reported choices week 2	n[4]	Change to the previous week's rank	Top reported choices week 3	n[4]	Change to the previous week's rank	Top reported choices week 4	n[4]	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Liquidity	11	Liquidity	16	▶	Liquidity	14	▶	Liquidity	15	▶
	Demand	1	NA			NA			NA		
	NA		NA			NA			NA		
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	No changes	12	No changes	16	▶	No changes	14	▶	No changes	15	▶
Challenges faced by interviewed beneficiaries in relation to normal activities in the 7 days prior to the interview	Not able to work because of movement restrictions	19	Not able to work because of movement restrictions	16	▶	Not able to work because of movement restrictions	17	▶	Not able to work because of movement restrictions	11	▶
	Unable to meet basic needs because of movement restrictions	16	Unable to meet basic needs because of lack of money	14	▲	Not able to work because of changes in business activity related to COVID-19	16	▲	Unable to meet basic needs because of lack of money	4	▲
Coping mechanism used by interviewed beneficiaries to meet daily needs in the 7 days prior to the interview	*Question was added from the third week of April*					Purchased on credit from a shop	4		Taken financial or material support from peers	13	▶
						Taken financial or material support from peers	3		Reduced portion size or skipped meals	10	▲

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Al-Basrah governorate Availability Scarcity score: **6** (max 6) Availability Runout score: **6** (max 6) Resilience Supply Chain: **2** (max 2)

Abu Al-Khaseeb

Numbers of interviews per week

Retailers	week 1	0
	week 2	0
	week 3	5
	week 4	4

No beneficiaries were interviewed in that district

Abu Al-Khaseeb	Top reported choices week 1	n^4	Top reported choices week 2	n^4	Change to the previous week's rank	Top reported choices week 3	n^4	Change to the previous week's rank	Top reported choices week 4	n^4	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	NA		NA			Demand	5		Demand	4	▶
	NA		NA			Government regulations	5		Liquidity	4	▲
	NA		NA			Liquidity	4		Insecurity	4	▲
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	NA		NA			Road closure	3		No changes	4	▲
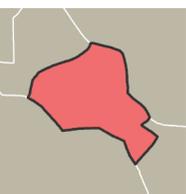
Al-Basrah

Numbers of interviews per week

Retailers	week 1	19
	week 2	0
	week 3	15
	week 4	0

No beneficiaries were interviewed in that district

Al-Basrah	Top reported choices week 1	n^4	Top reported choices week 2	n^4	Change to the previous week's rank	Top reported choices week 3	n^4	Change to the previous week's rank	Top reported choices week 4	n^4	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Insecurity	18	NA			Liquidity	8		NA		
	Checkpoints	18	NA			Checkpoints	8		NA		
	Government regulations	12	NA			Demand	7		NA		
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	No changes	17	NA			No changes	15		NA		

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Al-Sulaymaniyah governorate   Availability Scarcity score: **1** (max 6)   Availability Runout score: **6** (max 6)   Resilience Supply Chain: **2** (max 2)
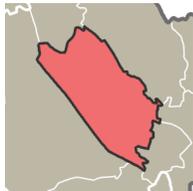
Al-Sulaymaniyah

Numbers of interviews per week

Retailers	
week 1	3
week 2	3
week 3	3
week 4	3

No beneficiaries were interviewed in that district

Al-Sulaymaniyah	Top reported choices week 1	n^4	Top reported choices week 2	n^4	Change to the previous week's rank	Top reported choices week 3	n^4	Change to the previous week's rank	Top reported choices week 4	n^4	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	None or don't know	3	Checkpoints	2	▲	None or don't know	3	▲	None or don't know	3	▶
	NA		Government regulations	1	▲	NA			NA		
	NA		NA			NA			NA		
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	No changes	3	No changes	3	▶	No changes	3	▶	No changes	3	▶

Kalar

Numbers of interviews per week

Retailers	
week 1	6
week 2	7
week 3	6
week 4	4

No beneficiaries were interviewed in that district

Kalar	Top reported choices week 1	n^4	Top reported choices week 2	n^4	Change to the previous week's rank	Top reported choices week 3	n^4	Change to the previous week's rank	Top reported choices week 4	n^4	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Checkpoints	6	Checkpoints	7	▶	Checkpoints	5	▶	Government regulations	2	▲
	Price increase	4	Price increase	1	▶	None or don't know	1	▲	None or don't know	1	▶
	Government regulations	1	NA	NA		NA	NA		Liquidity	1	▲
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	No changes	6	No changes	7	▶	No changes	6	▶	No changes	4	▶

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Baghdad governorate

Availability Scarcity score: 6 (max 6) **Availability Runout score: 6** (max 6) **Resilience Supply Chain: 2** (max 2)

Al-Karkh

Al-Karkh	Top reported choices week 1	n⁴	Top reported choices week 2	n⁴	Change to the previous week's rank	Top reported choices week 3	n⁴	Change to the previous week's rank	Top reported choices week 4	n⁴	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Demand	2	NA			NA			None or don't know	1	
	Liquidity	1	NA			NA			Government regulations	1	
	Checkpoints	1	NA			NA			Checkpoints	1	
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	No changes	1	NA			NA			Road closure	3	

Al-Karkh

Numbers of interviews per week

Retailers	week 1	3
	week 2	2
	week 3	1
	week 4	3

No beneficiaries were interviewed in that district

Diyala governorate

Availability Scarcity score: 6 (max 6) **Availability Runout score: 6** (max 6) **Resilience Supply Chain: 2** (max 2)

Al-Muqdadiya

Al-Muqdadiya	Top reported choices week 1	n⁴	Top reported choices week 2	n⁴	Change to the previous week's rank	Top reported choices week 3	n⁴	Change to the previous week's rank	Top reported choices week 4	n⁴	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Checkpoints	11	Checkpoints	11	▶	Checkpoints	8	▶	Liquidity	6	▲
	Liquidity	9	Liquidity	8	▶	Liquidity	4	▶	Checkpoints	6	▼
	Government regulations	1	Demand	6	▲	None or don't know	2	▲	None or don't know	5	▶
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	Road closure	12	Corona	6	▲	No changes	6	▲	Road closure	10	▲
Challenges faced by interviewed beneficiaries in relation to normal activities in the 7 days prior to the interview	Not able to work because of movement restrictions	10	Not able to work because of movement restrictions	10	▶	Not able to work because of movement restrictions	7	▶	Not able to work because of movement restrictions	7	▶
	Unable to meet basic needs because of lack of money	8	Unable to meet basic needs because of lack of money	10	▶	Unable to meet basic needs because of lack of money	4	▶	Unable to meet basic needs because of movement restrictions	4	▲
Coping mechanism used by interviewed beneficiaries to meet daily needs in the 7 days prior to the interview	*Question was added from the third week of April*					Reduced portion size or skipped meals	4		Taken financial or material support from peers	8	▶
						Purchased on credit from a shop	4		Purchased on credit from a shop	2	▲

Al-Muqdadiya

Numbers of interviews per week

Retailers	week 1	12
	week 2	12
	week 3	12
	week 4	12
Beneficiaries	week 1	10
	week 2	10
	week 3	9
	week 4	10

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Diyala (cont'd)

Khanaqin

Numbers of interviews per week

Retailers	week 1	15
	week 2	12
	week 3	17
	week 4	18
Beneficiaries	week 1	10
	week 2	10
	week 3	10
	week 4	9

Khanaqin	Top reported choices week 1	n^4	Top reported choices week 2	n^4	Change to the previous week's rank	Top reported choices week 3	n^4	Change to the previous week's rank	Top reported choices week 4	n^4	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Checkpoints	15	Checkpoints	12	▶	Checkpoints	15	▶	Checkpoints	14	▶
	Government regulations	6	Liquidity	3	▲	Insecurity	3	▲	None or don't know	2	▲
	Liquidity	5	NA			Government regulations	3	▲	Liquidity	2	▲
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	No changes	12	No changes	12	▶	No changes	12	▶	No changes	18	▶
Challenges faced by interviewed beneficiaries in relation to normal activities in the 7 days prior to the interview	Not able to work because of movement restrictions	10	Not able to work because of movement restrictions	7	▶	Not able to work because of movement restrictions	10	▶	Not able to work because of movement restrictions	9	▶
	Unable to meet basic needs because of lack of money	10	Unable to meet basic needs because of lack of money	6	▶	Not able to work for other reasons	1	▲	Not able to work because of changes in business activity related to COVID-19	3	▲
Coping mechanism used by interviewed beneficiaries to meet daily needs in the 7 days prior to the interview	*Question was added from the third week of April*					Purchased on credit from a shop	10		Taken financial or material support from peers	6	▶
						Taken financial or material support from peers	3		Purchased on credit from a shop	4	▲
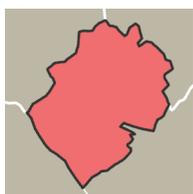
Kifri

Numbers of interviews per week

Retailers	week 1	6
	week 2	4
	week 3	4
	week 4	4

No beneficiaries were interviewed in that district

Kifri	Top reported choices week 1	n^4	Top reported choices week 2	n^4	Change to the previous week's rank	Top reported choices week 3	n^4	Change to the previous week's rank	Top reported choices week 4	n^4	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Checkpoints	6	Insecurity	2	▲	Checkpoints	4	▲	Government regulations	4	▲
	Price increase	2	Checkpoints	2	▼	NA			Checkpoints	4	▼
	Difficulties to find supply		Price increase	1	▼	NA			Liquidity	3	▲
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	No changes	6	No changes	4	▶	No changes	4	▶	No changes	4	▶

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Duhok governorate   Availability Scarcity score: **6** (max 6)   Availability Runout score: **6** (max 6)   Resilience Supply Chain: **2** (max 2)

Duhok

Numbers of interviews per week

Retailers	
week 1	3
week 2	3
week 3	3
week 4	3

No beneficiaries were interviewed in that district

Duhok	Top reported choices week 1	n⁴	Top reported choices week 2	n⁴	Change to the previous week's rank	Top reported choices week 3	n⁴	Change to the previous week's rank	Top reported choices week 4	n⁴	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Checkpoints	2	None or don't know	3	▲	None or don't know	3	▶	None or don't know	3	▶
	None or don't know	1	NA			NA			NA		
	Government regulations	1	NA			NA			NA		
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	Road closure	2	No changes	2	▲	No changes	3	▶	No changes	3	▶

Sumail

Numbers of interviews per week

Retailers	
week 1	3
week 2	3
week 3	3
week 4	3

No beneficiaries were interviewed in that district

Sumail	Top reported choices week 1	n⁴	Top reported choices week 2	n⁴	Change to the previous week's rank	Top reported choices week 3	n⁴	Change to the previous week's rank	Top reported choices week 4	n⁴	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Insecurity	3	Checkpoints	3	▲	Insecurity	2	▲	Demand	2	▲
	Checkpoints	3	Government regulations	1	▲	Checkpoints	1	▼	None or don't know	1	▲
	NA		NA			NA			NA		
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	No changes	3	No changes	3	▶	No changes	3	▶	No changes	3	▶

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Erbil governorate

Availability Scarcity score: 3 (max 6)   **Availability Runout score: 6** (max 6)   **Resilience Supply Chain: 2** (max 2)
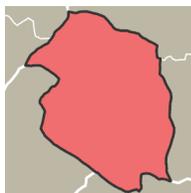
Erbil

Numbers of interviews per week

Retailers	week 1	5
	week 2	5
	week 3	5
	week 4	5

No beneficiaries were interviewed in that district

Erbil	Top reported choices week 1	n^4	Top reported choices week 2	n^4	Change to the previous week's rank	Top reported choices week 3	n^4	Change to the previous week's rank	Top reported choices week 4	n^4	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Insecurity	5	Insecurity	5	▶	Insecurity	5	▶	Demand	5	▲
	Checkpoints	5	Checkpoints	5	▶	Checkpoints	5	▶	Insecurity	5	▼
	Government regulations	4	Demand	2	▲	Demand	4	▶	NA		
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	Road closure	3	Road closure	4	▶	Road closure	4	▶	Salary delayed	5	▲

Kirkuk governorate

Availability Scarcity score: 4 (max 6)   **Availability Runout score: 6** (max 6)   **Resilience Supply Chain: 2** (max 2)
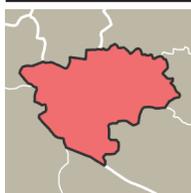
Al-Hawiga

Numbers of interviews per week

Beneficiaries	week 1	10
	week 2	12
	week 3	12
	week 4	9

No retailers were interviewed in that district

Al-Hawiga	Top reported choices week 1	n^4	Top reported choices week 2	n^4	Change to the previous week's rank	Top reported choices week 3	n^4	Change to the previous week's rank	Top reported choices week 4	n^4	Change to the previous week's rank
Challenges faced by interviewed beneficiaries in relation to normal activities in the 7 days prior to the interview	Not able to work because of movement restrictions	9	Not able to work because of movement restrictions	12	▶	Not able to work because of movement restrictions	12	▶	Unable to meet basic needs because of lack of money	6	▲
	Not able to work because of changes in business activity related to COVID-19	9	Not able to work because of changes in business activity related to COVID-19	12	▶	Unable to meet basic needs because of movement restrictions	12	▲	Not able to work because of movement restrictions	5	▼
Coping mechanism used by interviewed beneficiaries to meet daily needs in the 7 days prior to the interview	*Question was added from the third week of April*					Taken financial or material support from peers	12		Taken financial or material support from peers	7	▲
						NA			Purchased on credit from a shop	4	▼

Kirkuk (cont'd)

Kirkuk

Numbers of interviews per week

Retailers	week 1	10
	week 2	8
	week 3	6
	week 4	8
Beneficiaries	week 1	10
	week 2	11
	week 3	8
	week 4	11

Kirkuk	Top reported choices week 1	n⁴	Top reported choices week 2	n⁴	Change to the previous week's rank	Top reported choices week 3	n⁴	Change to the previous week's rank	Top reported choices week 4	n⁴	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Liquidity	10	Checkpoints	8	▲	Checkpoints	6	►	Liquidity	8	▲
	Checkpoints	10	Liquidity	7	▼	NA			Checkpoints	7	▼
	Government regulations	1	NA			NA			NA		
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	Road closure	10	Road closure	8	►	Road closure	6	►	Road closure	8	►
Challenges faced by interviewed beneficiaries in relation to normal activities in the 7 days prior to the interview	Not able to work because of movement restrictions	10	Not able to work because of movement restrictions	6	►	Unable to meet basic needs because of movement restrictions	8	▲	Not able to work because of movement restrictions	10	▲
	Unable to meet basic needs because of lack of money	8	Not able to work because of changes in business activity related to COVID-19	5	▲	Not able to work because of movement restrictions	6	▼	Unable to meet basic needs because of lack of money	8	▲
Coping mechanism used by interviewed beneficiaries to meet daily needs in the 7 days prior to the interview	*Question was added from the third week of April*					Taken financial or material support from peers	5	▲	Taken financial or material support from peers	5	▲
						Purchased on credit from a shop	2		Purchased on credit from a shop	4	▲

Ninewa governorate

Availability Scarcity score: 6 (max 6)   **Availability Runout score: 6** (max 6)   **Resilience Supply Chain: 2** (max 2)

Al-Hamdaniya

Numbers of interviews per week

Retailers	**week** 1	6
	week 2	6
	week 3	12
	week 4	6

No beneficiaries were interviewed in that district

Al-Hamdaniya	Top reported choices week 1	n⁴	Top reported choices week 2	n⁴	Change to the previous week's rank	Top reported choices week 3	n⁴	Change to the previous week's rank	Top reported choices week 4	n⁴	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Demand	6	Demand	6	►	Demand	10	►	Liquidity	6	▲
	Liquidity	3	Checkpoints	6	▲	Liquidity	10	▲	Demand	1	▼
	Checkpoints	1	Liquidity	5	▼	NA			NA		
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	No changes	6	No changes	6	►	No changes	12	►	No changes	6	►

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Ninewa governorate (cont'd)

Al-Mosul

Numbers of interviews per week

Retailers	
week 1	78
week 2	75
week 3	68
week 4	81

Beneficiaries	
week 1	10
week 2	10
week 3	10
week 4	10

Al-Mosul	Top reported choices week 1	n^4	Top reported choices week 2	n^4	Change to the previous week's rank	Top reported choices week 3	n^4	Change to the previous week's rank	Top reported choices week 4	n^4	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Liquidity	53	Liquidity	39	▶	Liquidity	30	▶	Liquidity	54	▶
	Demand	51	Checkpoints	39	▲	Demand	23	▲	Demand	40	▶
	Checkpoints	32	Demand	31	▼	Checkpoints	17	▼	Checkpoints	16	▶
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	No changes	35	No changes	36	▶	No changes	36	▶	No changes	43	
Challenges faced by interviewed beneficiaries in relation to normal activities in the 7 days prior to the interview	Unable to meet basic needs because of lack of money	10	Unable to meet basic needs because of movement restrictions	10	▲	Not able to work because of movement restrictions	9	▲	Not able to work because of movement restrictions	9	▶
	Not able to work because of changes in business activity related to COVID-19	10	Not able to work because of movement restrictions	9	▲	Unable to meet basic needs because of lack of money	1	▲	Not able to work because of changes in business activity related to COVID-19	6	▲
Coping mechanism used by interviewed beneficiaries to meet daily needs in the 7 days prior to the interview	*Question was added from the third week of April*					Taken financial or material support from peers	7		Taken financial or material support from peers	6	▶
						Purchased on credit from a shop	7		Purchased on credit from a shop	4	▲

Sinjar

Numbers of interviews per week

Beneficiaries	
week 1	10
week 2	10
week 3	10
week 4	10

No retailers were interviewed in that district

Sinjar	Top reported choices week 1	n^4	Top reported choices week 2	n^4	Change to the previous week's rank	Top reported choices week 3	n^4	Change to the previous week's rank	Top reported choices week 4	n^4	Change to the previous week's rank
Challenges faced by interviewed beneficiaries in relation to normal activities in the 7 days prior to the interview	Not able to work because of movement restrictions	10	Not able to work because of movement restrictions	10	▶	Not able to work because of movement restrictions	9	▶	Unable to meet basic needs because of lack of money	8	▲
	Unable to meet basic needs because of lack of money	10	Not able to work because of changes in business activity related to COVID-19	10	▲	Not able to work because of changes in business activity related to COVID-19	9	▶	Not able to work because of movement restrictions	6	▼
Coping mechanism used by interviewed beneficiaries to meet daily needs in the 7 days prior to the interview	*Question was added from the third week of April*					Purchased on credit from a shop	9		Reduced portion size or skipped meals	9	▲
						Taken financial or material support from peers	2		Purchased on credit from a shop	8	▼

Ninewa governorate (cont'd)

Telafar

Numbers of interviews per week

Retailers	week 1	12
	week 2	12
	week 3	12
	week 4	12
Beneficiaries	week 1	10
	week 2	10
	week 3	10
	week 4	10

Telafar	Top reported choices week 1	n^4	Top reported choices week 2	n^4	Change to the previous week's rank	Top reported choices week 3	n^4	Change to the previous week's rank	Top reported choices week 4	n^4	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Liquidity	8	Liquidity	9	▶	Liquidity	9	▶	None or don't know	6	▲
	Demand	5	Demand	4	▶	Demand	8	▶	Liquidity	6	▼
	None or don't know	4	None or don't know	3	▶	None or don't know	3	▶	Demand	2	▼
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	No changes	11	No changes	10	▶	No changes	12	▶	No changes	12	
Challenges faced by interviewed beneficiaries in relation to normal activities in the 7 days prior to the interview	Not able to work because of movement restrictions	10	Not able to work because of movement restrictions	10	▶	Not able to work because of movement restrictions	7	▶	Not able to work because of movement restrictions	9	▶
	Unable to meet basic needs because of lack of money	8	Unable to meet basic needs because of lack of money	9	▶	None	3	▲	Unable to meet basic needs because of lack of money	9	▲
Coping mechanism used by interviewed beneficiaries to meet daily needs in the 7 days prior to the interview			*Question was added from the third week of April*			Reduced portion size or skipped meals	9		Purchased on credit from a shop	9	▶
						Taken financial or material support from peers	1		Reduced portion size or skipped meals	2	▲

Tilkaef

Numbers of interviews per week

Beneficiaries	**week 1**	10
	week 2	10
	week 3	10
	week 4	9

No retailers were interviewed in that district

Tilkaef	Top reported choices week 1	n^4	Top reported choices week 2	n^4	Change to the previous week's rank	Top reported choices week 3	n^4	Change to the previous week's rank	Top reported choices week 4	n^4	Change to the previous week's rank
Challenges faced by interviewed beneficiaries in relation to normal activities in the 7 days prior to the interview	Not able to work because of movement restrictions	10	Not able to work because of movement restrictions	10	▶	Not able to work because of movement restrictions	8	▶	Not able to work because of movement restrictions	9	▶
	Not able to work because of changes in business activity related to COVID-19	7	Issues with checkpoints or other movement restrictions	5	▲	Not able to work because of changes in business activity related to COVID-19	5	▲	Unable to meet basic needs because of lack of money	6	▲
Coping mechanism used by interviewed beneficiaries to meet daily needs in the 7 days prior to the interview			*Question was added from the third week of April*			Purchased on credit from a shop	10		Taken financial or material support from peers	3	▶
						Taken financial or material support from peers	6		Reduced portion size or skipped meals	3	▲

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Secondary Data Analysis, Iraq

Salah Al-Din governorate   Availability Scarcity score: **4** (max 6)   Availability Runout score: **4** (max 6)   Resilience Supply Chain: **2** (max 2)
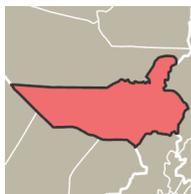
Balad

Balad

Numbers of interviews per week

Beneficiaries	
week 1	10
week 2	9
week 3	10
week 4	10

No retailers were interviewed in that district

Balad	Top reported choices week 1	n⁴	Top reported choices week 2	n⁴	Change to the previous week's rank	Top reported choices week 3	n⁴	Change to the previous week's rank	Top reported choices week 4	n⁴	Change to the previous week's rank
Challenges faced by interviewed beneficiaries in relation to normal activities in the 7 days prior to the interview	Not able to work because of movement restrictions	10	Not able to work because of movement restrictions	6	▶	Not able to work because of movement restrictions	10	▶	Not able to work because of movement restrictions	9	▶
	Not able to work because of changes in business activity related to COVID-19	10	Unable to meet basic needs because of lack of money	3	▲	Not able to work because of changes in business activity related to COVID-19	10	▲	Not able to work because of changes in business activity related to COVID-19	7	▶
Coping mechanism used by interviewed beneficiaries to meet daily needs in the 7 days prior to the interview	*Question was added from the third week of April*					Reduced portion size or skipped meals	9		Taken financial or material support from peers	8	▶
						Taken financial or material support from peers	7		Reduced portion size or skipped meals	3	▶
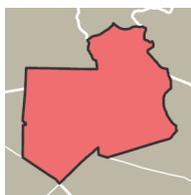
Beygee

Beygee

Numbers of interviews per week

Retailers	
week 1	3
week 2	4
week 3	4
week 4	2

Beneficiaries	
week 1	10
week 2	9
week 3	10
week 4	10

Beygee	Top reported choices week 1	n⁴	Top reported choices week 2	n⁴	Change to the previous week's rank	Top reported choices week 3	n⁴	Change to the previous week's rank	Top reported choices week 4	n⁴	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	Demand	2	Government regulations	3	▲	Government regulations	4	▶	NA		
	Government regulations	2	Demand	1	▼	Checkpoints	4	▲	NA		
	Checkpoints	2	Liquidity	1	▲	NA			NA		
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	No changes	3	No changes	4	▶	No changes	4	▶	NA		
Challenges faced by interviewed beneficiaries in relation to normal activities in the 7 days prior to the interview	Not able to work because of movement restrictions	9	Not able to work because of movement restrictions	7	▶	Not able to work because of movement restrictions	5	▶	Not able to work because of movement restrictions	7	▶
	Unable to meet basic needs because of lack of money	9	Unable to meet basic needs because of movement restrictions	2	▲	Not able to work for other reasons	3	▲	Not able to work because of changes in business activity related to COVID-19	7	▲
Coping mechanism used by interviewed beneficiaries to meet daily needs in the 7 days prior to the interview	*Question was added from the third week of April*					Taken financial or material support from peers	8		Taken financial or material support from peers	8	▶
						None	2		Purchased on credit from a shop	1	▲

Salah Al-Din governorate (cont'd)

Tikrit

Numbers of interviews per week

Retailers		
	week 1	1
	week 2	2
	week 3	2
	week 4	6
Beneficiaries	week 1	10
	week 2	10
	week 3	10
	week 4	10

Tikrit	Top reported choices week 1	n⁴	Top reported choices week 2	n⁴	Change to the previous week's rank	Top reported choices week 3	n⁴	Change to the previous week's rank	Top reported choices week 4	n⁴	Change to the previous week's rank
Challenges faced by interviewed retailers in the 30 days prior to the interview	NA / NA / NA		NA / NA / NA			NA / NA / NA			Government regulations / Checkpoints / Insecurity	6 / 6 / 1	
Number of interviewed retailers reporting a change in the supply routes that has been harmful to their businesses in the 30 days prior to the interview	NA		NA			NA			No changes	6	
Challenges faced by interviewed beneficiaries in relation to normal activities in the 7 days prior to the interview	Not able to work because of movement restrictions	6	Not able to work because of movement restrictions	10	▶	Not able to work because of movement restrictions	7	▶	Not able to work because of movement restrictions	8	▶
	Unable to meet basic needs because of lack of money	5	Unable to meet basic needs because of lack of money	10	▶	Not able to work because of changes in business activity related to COVID-19	3	▲	Unable to meet basic needs because of movement restrictions	6	▲
Coping mechanism used by interviewed beneficiaries to meet daily needs in the 7 days prior to the interview	*Question was added from the third week of April*					Taken financial or material support from peers	6		Purchased on credit from a shop	9	▶
						Purchased on credit from a shop	6		Taken financial or material support from peers	5	▲

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VAM price monitoring[5]

WFP conducted phone interviews with retailers to collect prices of food items, hygiene items, fuel commodities and wages. Prior to the movements restrictions, the data was collected in person. Monthly figures are obtained through the average of all the weeks of that month. Retailers from one or two shops are interviewed on a weekly basis in the capital of each governorate. The assessment started in 2012.

WFP Market Functionality Monitoring[6]

The Market Functionality Index (MFI) is designed by WFP. It is made to support the "Market assessment and risk identification" and "Market situation monitoring" processes of cash-based assistance operations. On a scale of 0 to 10, the full package analyses nine different dimensions of a market to help make informed transfer modality decisions and detect changes in market functionality over time. The MFI reduced version for assessment over the phone analyses only four dimensions by skipping the observational dimensions of a full MFI. The assessment covered the capital of each governorate. The selection of the retailers was made from the VAM price monitoring list, complemented by snowballing selection to have different types of retailers (especially for NFIs such as clothing). A total of 12 retailers were interviewed per governorate. The assessment was conducted every two weeks during April. It started in April 2020.

The three indicators measuring availability of the products and resilience of the supply chain were included in this SDR. The availability pillar refers to the physical presence of goods in the market in sufficient quantities. It assesses whether certain products are scarce, or likely to get scarcer in the short run. It is comprised of two scores **Availability Scarcity score** (the higher the score, the more variety and quantity of product available) and **Availability Runout score** (the higher the score, the least products to run out). The supply chain resilience dimension of MFI evaluates both responsiveness and vulnerability of supply chain however, the mobile version reports only the responsiveness. For the **Resilience Supply Chain score,** the higher the score, the more responsive the supply chain.

CCI Enhanced Frequency Price Monitoring

CCI conducted face to face or phone interviews with retailers (depending on access levels and movement restrictions imposed by the government) to collect prices (food items, hygiene items and water) and challenges they encountered. The assessment covered 28 districts. The retailers were located where CCI have beneficiaries and that were previously interviewed, familiar with or able to get contact when access become more difficult. The assessment was conducted on a weekly basis during April. It started in March 2020.

CCI Beneficiary Market Perspective[7]

CCI conducted phone interviews with beneficiaries to help triangulate their findings from the enhanced price monitoring. The assessment covered 15 districts. Each week, 10 beneficiaries per district were randomly selected for interviews from the CCI beneficiary list. The assessment was conducted on a weekly basis during April. It started in March 2020.

Limitations

Indicators are not directly comparable but complement each other. The WFP data provides a macro overview of the situation from a national or governorate level and the CCI data provides information at the district level. Indicators are aggregated to the unit of analysis of their source, i.e. district for the CCI and governorate for WFP.

The number of respondents interviewed each week varies, which means that changes observed can also be linked to a change in sample size.

Findings should be considered indicative only.

About REACH's COVID-19 response

As an initiative deployed in many vulnerable and crisis-affected countries, REACH is deeply concerned by the devastating impact the COVID-19 pandemic may have on the millions of affected people we seek to serve. REACH is currently working with Cash Working Groups and partners to scale up its programming in response to this pandemic, with the goal of identifying practical ways to inform humanitarian responses in the countries where we operate. COVID-19-relevant market monitoring and market assessments are a key area where REACH aims to leverage its existing expertise to help humanitarian actors understand the impact of changing restrictions on markets and trade. Updates regarding REACH's response to COVID-19 can be found in a devoted thread on the REACH website. Contact geneva@impact-initiatives.org for further information.

[5] Can be accessed at this link.
[6] Can be accessed at this link.
[7] Can be accessed at this link.