



# **STRATEGY TO PRODUCE THE CPI UNDER LOCKDOWN IN MEXICO**

October 2020

# I. ACTIONS TAKEN IN ADVANCED

- In March, price collectors were instructed to update the contact details of the sources being sampled; web pages, emails, telephones, cell phones, etc.
- Our sources were informed that due to the Covid-19 situation, they would be contacted by other means to continue quoting prices.
- Letters were sent to these sources to formalize the aforementioned process, if requested.
- Three simulations were carried out in the quotation prices by regions to test their supervision procedures, their control and their evaluation. These were carried out by the staff of the central offices from home (home office).
- For the second fortnight of March, price collectors formed their product baskets online and some tests were conducted for their quotation.
- Contact was maintained with the Statistical Offices of Italy, Spain, BLS, IMF, ECLAC and Eurostat in order to find out how they were dealing with the Covid-19 situation.

## II. IMPLEMENTED MEASURES

- The price collectors of the CPI began the quotation from their homes as of April 1st
- Price collectors are using alternative means such as the Internet, the establishment's contact number, contact's cell phone, e-mail and platforms for home delivery.
- The prices of the assigned baskets were collected in a regular and sustained manner through alternative methods.
- In order to maintain comparability, the product was quoted with the same existing characteristics prior to the pandemic.
- If the source, despite being closed, provided home delivery, that price was the one quoted.

## Data source for the quotation of the CPI price sample

Data source	QUOTATION % (Fortnightly Report)									
	April	1st May	2nd May	1st Jun	2nd Jun	1st Jul	2nd Jul	1st Aug	2nd Aug	1st Sep
Websites	43.71	49.38	62.69	61.60	58.26	57.02	50.77	49.97	46.52	44.65
Telephone	40.56	42.29	31.32	30.75	30.08	29.54	30.96	32.53	30.18	28.53
Face-to face visit	6.37	6.57	4.75	6.21	10.40	11.98	16.51	16.01	21.82	25.60
E-mail	8.15	0.83	0.43	0.66	0.62	0.62	0.83	0.59	0.63	0.42
Apps	1.22	0.92	0.82	0.78	0.64	0.85	0.94	0.90	0.85	0.80
	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

The total of specifics quoted per fortnight is 119,608.

# III. LACK OF PRICE DATA DUE TO EMERGENCY MEASURES

- The lack of prices is classified into three types in order to have a better internal control and a better understanding of its origin.
  - a) Item is **Out-of-Stock** in the establishment; the product is sold and can be priced but it is not in stock at the time of quoting it.
  - b) Establishment **Not Available to be quoted** due to the lockdown. It is possible to contact the establishment however due to the Health mandates the establishment does not provide goods or services.
  - c) Establishment **Not Available due to lack of contact**. The source cannot be contacted as a result of mobility restrictions.

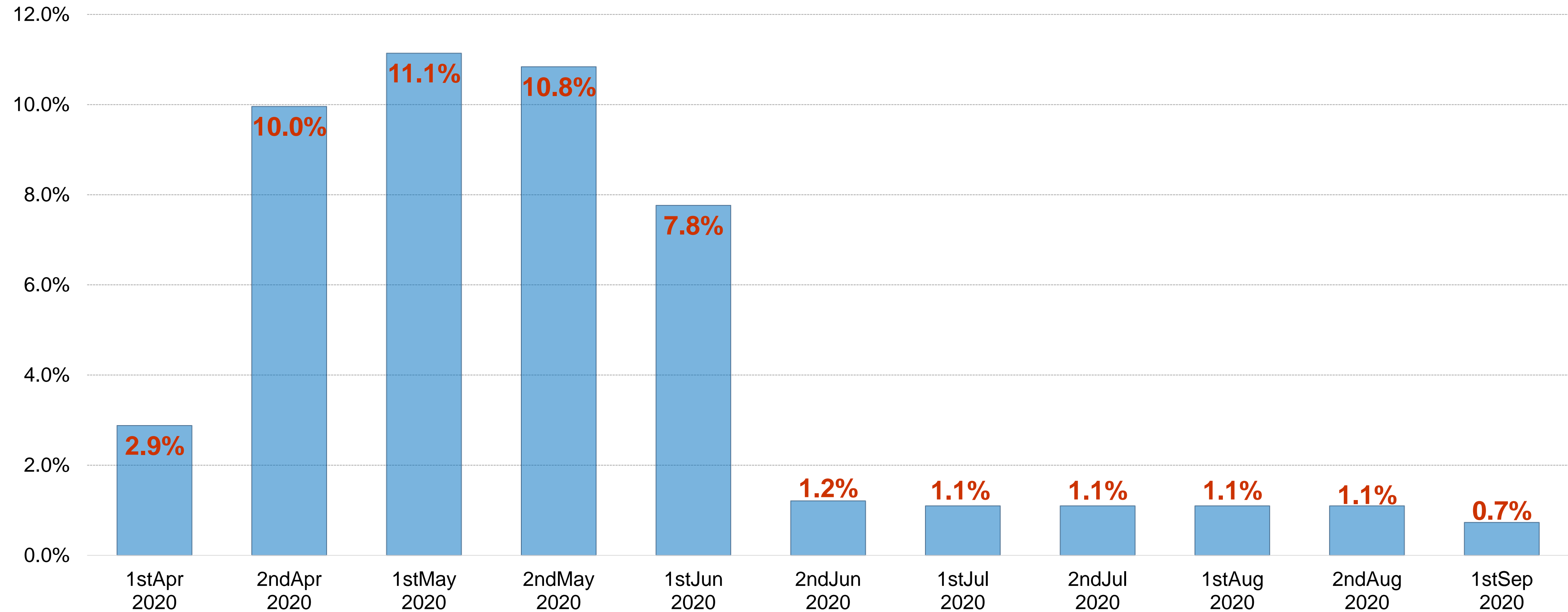
The prices of the items are imputed in cases of product shortages or lack of prices due to the health measures issued by the federal and state health authorities regarding the closure of activities and the mobility restrictions, the INEGI methodology and international guidelines have been followed.

## Missing prices in the CPI sample during 2020

Missing Prices Classification	Missing Prices % 2020 (Fortnightly Report)																	
	1st Ene	2nd Ene	1st Feb	2nd Feb	1st Mar	2nd Mar	1st Apr	2nd Apr	1st May	2nd May	1st Jun	2nd Jun	1st Jul	2nd Jul	1st Aug	2nd Aug	1st Sep	
a) Out-of-Stock	5.8	4.4	4.5	4.4	4.0	5.1	6.9	5.3	8.3	9.5	8.6	7.9	7.9	8.0	7.3	6.4	5.7	
b) Temporary Closure (COVID-19)	0.0	0.0	0.0	0.0	0.0	0.0	7.2	18.3	14.1	9.8	8.1	5.9	4.6	3.9	2.9	2.2	1.7	
c) Not available, lack of contact	0.0	0.0	0.0	0.0	0.0	0.0	9.8	6.2	7.3	9.1	9.2	8.1	7.3	5.7	4.8	2.1	1.1	
<b>Total</b>	<b>5.8</b>	<b>4.4</b>	<b>4.5</b>	<b>4.4</b>	<b>4.0</b>	<b>5.1</b>	<b>23.8</b>	<b>29.8</b>	<b>29.6</b>	<b>28.5</b>	<b>26.0</b>	<b>21.9</b>	<b>19.8</b>	<b>17.6</b>	<b>15.0</b>	<b>10.7</b>	<b>8.5</b>	

Source: Data from the final calculation of the INPC.

# Total weighting of the products most impacted due to the lack of product prices due to the health emergency (% Fortnightly data)



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