



BRAZIL MACRO

August 9, 2022

DATA ANALYSIS - INFLATION

Daniel Karp* daniel.karp@santander.com.br +55 11 3553 9828

Felipe Kotinda* felipe.kotinda@santander.com.br +55 11 3553 8071

July's IPCA: Preliminary Signs of Improvement

- July's IPCA fell 0.68% MoM, a tad below consensus (-0.65%) and below our forecast (-0.60%). The annual change fell to 10.1% YoY (from 11.9%).
- Compared with our forecast, the downward surprises came in regulated prices (contributing -5 bps to
 the headline forecast error) and industrial goods (contributing -6 bps to the headline forecast error). For
 the latter, we believe that it might reflect the beginning of a more consistent relief in the items related to
 the exchange rate, metal commodities and global supply chain issues.
- Qualitative measures improved a bit at the margin. All of the five main core gauges fell at the margin in trend terms. Moreover, the diffusion index fell for the third reading in a row.
- All in all, the reading reinforces our view that the worst is behind in terms of headline inflation. As for
 the quality of inflation, we have seen the first signs of improvement in general measures (cores and
 diffusion), but services inflation (the stickiest one) is still a source of concern for the medium term,
 especially with the job market still running hot.

July's IPCA fell 0.68% MoM, a tad below the consensus (-0.65%) and below our forecast (-0.60%). The annual change fell to 10.1% YoY (from 11.9%) and the trend fell to 4.3% 3mma-saar (from 12.4%), suggesting the YoY change should continue decelerating.

Compared to our forecast, regulated prices brought downward surprises (contributing -5 bps to the headline forecast error), mostly concentrated in gasoline (for which the tax cuts' impact was greater than we had expected) and industrial goods (contributing -6 bps to the headline forecast error). In industrial goods, we highlight that the surprise was not concentrated in ethanol (which would be a reason to downplay it, as it was related to the tax cut) and might reflect the beginning of a more consistent relief in the items related to the exchange rate, metal commodities and global supply chain issues. With that result, the trend for industrial goods fell considerably, going to 8.6% 3mma-saar (from 13.3%), and industrial goods' core gauge fell to 13.2% 3mma-saar (from 15.6%). Services did not surprise and continued accelerating in trend terms, though at a slower pace, going to 13.4% 3mma-saar (from 13.1%). Finally, food surprised a bit to the upside, but its core gauge (related to industrialized food) kept falling in trend (3mma-saar) terms.

Qualitative measures improved a bit at the margin. The average of the core gauges fell to 11.0% 3mma-saar (from 12.9% previously), bringing the annual change a bit down to 10.4% YoY (from 10.5%). We highlight that all of the five main core gauges fell at the margin in trend terms. Moreover, the diffusion index fell for the third reading in a row, reaching 67.8% s.a. (although it is still a high level).

All in all, the reading reinforces our view that the worst is behind in terms of headline inflation. As for the quality of inflation, we have seen the first signs of improvement in general measures (cores and diffusion), but services inflation (the stickiest one) is still a source of concern for the medium term, especially with the job market still running hot. We updated our high-frequency tracking to 7.0% for IPCA 2022 (from 7.6%) and to 5.5% for IPCA 2023 (from 5.7%).

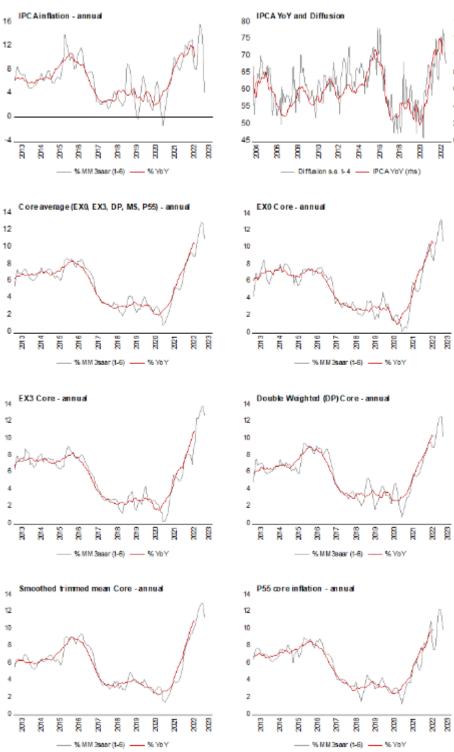


Figure 1. IPCA by Group and Forecasting Errors

		MoM		YoY	
	Jul-22	Santander	Dev.	Jun-22	Jul-22
IPCA	-0.68	-0.60	-0.08	11.9	10.1
Food and beverage	1.30	1.24	0.01	13.9	14.7
Food-at-home	1.47	1.29	0.03	16.7	17.5
Food service	0.82	1.10	-0.02	6.9	7.6
Housing	-1.05	-1.19	0.02	8.8	4.4
Electrical energy	-5.78	-5.88	0.00	2.2	-10.8
Household articles	0.12	0.35	-0.01	14.1	13.3
Apparel	0.58	0.91	-0.01	16.6	16.7
Transportation	-4.51	-4.07	-0.10	20.1	13.0
Airline tickets	8.02	8.13	0.00	122.4	77.7
Gasoline	-15.48	-14.14	-0.09	26.9	5.6
Health and personal care	0.49	0.71	-0.03	6.1	7.4
Personal spending	1.13	0.87	0.03	7.3	8.0
Education	0.06	0.07	0.00	6.9	6.7
Communication	0.07	-0.09	0.01	3.7	3.6
Administered	-4.35	-4.16	-0.05	11.7	5.1
Free	0.65	0.69	-0.03	11.9	11.9
Food-at-home	1.47	1.29	0.03	16.7	17.5
Industrial goods	-0.11	0.15	-0.06	13.7	12.8
Services	0.80	0.79	0.00	8.7	8.9
EX3 Core	0.63	0.79	-0.06	10.7	10.8
Average of cores	0.53	-	-	10.5	-

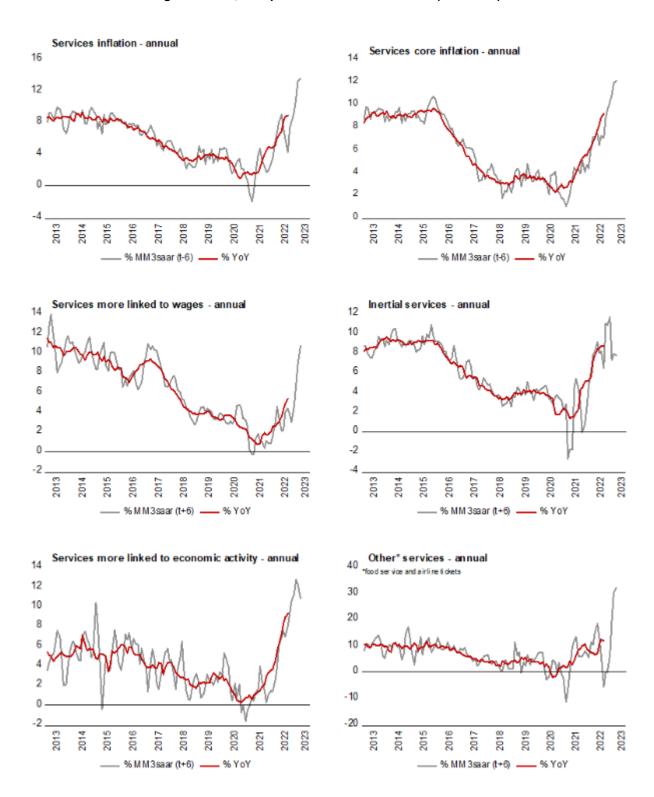
Sources: IBGE and Santander.

Figure 2. IPCA, Groups and Qualitative Measures



Sources for all charts: IBGE and Santander.

Figure 3. IPCA, Groups and Qualitative Measures (continued)

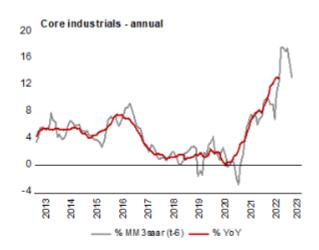


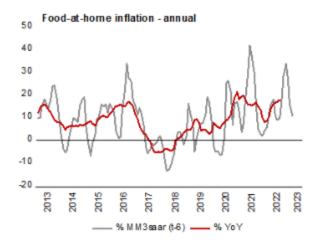
Sources for all charts: IBGE and Santander.

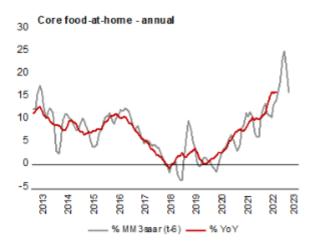


Figure 4. IPCA, Groups and Qualitative Measures (continued)













CONTACTS / IMPORTANT DISCLOSURES

Duoril Moore Door	and a		
Brazil Macro Resea			5544 0550 0507
Ana Paula Vescovi*	Chief Economist	anavescovi@santander.com.br	5511-3553-8567
Mauricio Oreng*	Head of Macro Research	mauricio.oreng@santander.com.br	5511-3553-5404
Jankiel Santos* Ítalo Franca*	Economist – External Sector	jankiel.santos@santander.com.br italo.franca@santander.com.br	5511-3012-5726 5511-3553-5235
Daniel Karp Vasquez*	Economist – Fiscal Policy Economist – Inflation	daniel.karp@santander.com.br	5511-3553-9828
Tomas Urani*	Economist – Illiation Economist – Global Economics	tomas.urani@santander.com.br	5511-3553-9520
Lucas Maynard*	Economist – Global Economics Economist – Economic Activity	lucas.maynard.da.silva@santander.com.br	5511-3553-7495
Felipe Kotinda*	Economist – Commodities	felipe.kotinda@santander.com.br	5511-3553-8071
Gabriel Couto*	Economist – Special Projects	gabriel.couto@santander.com.br	5511-3553-8487
Fabiana Moreira*	Economist – Credit	fabiana.de.oliveira@santander.com.br	5511-3553-6120
Gilmar Lima*	Economist – Modeling	gilmar.lima@santander.com.br	5511-3553-6327
Global Macro Rese		3 4 2 4 4 4 4 4 4	
Maciej Reluga*	Head Macro, Rates & FX Strategy - CEE	maciej.reluga@santander.pl	48-22-534-1888
Rodrigo Park *	Economist – Argentina	rpark@santander.com.ar	54-11-4341-1272
Ana Paula Vescovi*	Economist – Brazil	anavescovi@santander.com.br	5511-3553-8567
Juan Pablo Cabrera*	Economist – Chile	jcabrera@santander.cl	562-2320-3778
Guillermo Aboumrad*	Economist – Mexico	gjaboumrad@santander.com.mx	5255-5257-8170
Piotr Bielski*	Economist – Poland	piotr.bielski@santander.pl	48-22-534-1888
Mike Moran	Head of Macro Research, US	mike.moran@santander.us	212-350-3500
Fixed Income Rese	earch		
Juan Arranz*	Chief Rates & FX Strategist – Argentina	jarranz@santanderrio.com.ar	5411-4341-1065
Mauricio Oreng*	Senior Economist/Strategist – Brazil	mauricio.oreng@santander.com.br	5511-3553-5404
Juan Pablo Cabrera*	Chief Rates & FX Strategist - Chile	jcabrera@santander.cl	562-2320-3778
Equity Research			
Miguel Machado*	Head Equity Research Americas	mmachado@santander.com.mx	5255 5269 2228
Alan Alanis*	Head, Mexico	aalanis@santander.com.mx	5552-5269-2103
Andres Soto	Head, Andean	asoto@santander.us	212-407-0976
Walter Chiarvesio*	Head, Argentina	wchiarvesio@santanderrio.com.ar	5411-4341-1564
Mariana Cahen Margulies*	Head, Brazil	mmargulies@santander.com.br	5511-3553-1684
Murilo Riccini*	Head, Chile	murilo.riccini@santander.cl	56 22336 3359
Electronic		manomosini garitandono	00 22000 0000

Bloomberg Reuters SIEQ <GO> Pages SISEMA through SISEMZ

This report has been prepared by Santander Investment Securities Inc. ("SIS"; SIS is a subsidiary of Santander Holdings USA, Inc. which is wholly owned by Banco Santander, S.A. "Santander"), on behalf of itself and its affiliates (collectively, Grupo Santander) and is provided for information purposes only. This document must not be considered as an offer to sell or a solicitation of an offer to buy any relevant securities (i.e., securities mentioned herein or of the same issuer and/or options, warrants, or rights with respect to or interests in any such securities). Any decision by the recipient to buy or to sell should be based on publicly available information on the related security and, where appropriate, should take into account the content of the related prospectus filed with and available from the entity governing the related market and the company issuing the security. This report is issued in Spain by Santander Investment Bolsa, Sociedad de Valores, S.A. ("Santander Investment Bolsa"), and in the United Kingdom by Banco Santander, S.A., London Branch. Santander London is authorized by the Bank of Spain. This report is not being issued to private customers. SIS, Santander London and Santander Investment Bolsa are members of Grupo Santander.

ANALYST CERTIFICATION: The following analysts hereby certify that their views about the companies and their securities discussed in this report are accurately expressed, that their recommendations reflect solely and exclusively their personal opinions, and that such opinions were prepared in an independent and autonomous manner, including as regards the institution to which they are linked, and that they have not received and will not receive direct or indirect compensation in exchange for expressing specific recommendations or views in this report, since their compensation and the compensation system applying to Grupo Santander and any of its affiliates is not pegged to the pricing of any of the securities issued by the companies evaluated in the report, or to the income arising from the businesses and financial transactions carried out by Grupo Santander and any of its affiliates: Daniel Karp* and Felipe Kotinda*.

*Employed by a non-US affiliate of Santander Investment Securities Inc. and not registered/qualified as a research analyst under FINRA rules, and is not an associated person of the member firm, and, therefore, may not be subject to the FINRA Rule 2242 and Incorporated NYSE Rule 472 restrictions on communications with a subject company, public appearances, and trading securities held by a research analyst account.

The information contained herein has been compiled from sources believed to be reliable, but, although all reasonable care has been taken to ensure that the information contained herein is not untrue or misleading, we make no representation that it is accurate or complete and it should not be relied upon as such. All opinions and estimates included herein constitute our judgment as at the date of this report and are subject to change without notice.

Any U.S. recipient of this report (other than a registered broker-dealer or a bank acting in a broker-dealer capacity) that would like to effect any transaction in any security discussed herein should contact and place orders in the United States with SIS, which, without in any way limiting the foregoing, accepts responsibility (solely for purposes of and within the meaning of Rule 15a-6 under the U.S. Securities Exchange Act of 1934) for this report and its dissemination in the United States.

© 2022 by Santander Investment Securities Inc. All Rights Reserved.

