



## **BRAZIL MACRO**

**December 14, 2022** 

## DATA ANALYSIS - ECONOMIC ACTIVITY

Lucas Maynard\*

lucas.maynard.da.silva@santander.com.br +5511 3553 8487

## A WEAK KICK-OFF FOR BROAD ACTIVITY IN 4Q22

- The IBC-Br (the Brazil Central Bank's monthly GDP proxy) inched down 0.05% MoM-sa (+3.68% YoY) in October. This result came in below market consensus of +0.4% MoM-sa (+4.0% YoY) and our estimate of +0.5% MoM-sa (+4.2% YoY), but with the series being considerably revised (as usual after 3Q GDP releases). In the unadjusted series, September's figure was revised to +4.53% YoY (from +4.0% YoY), while August's figure was revised to +5.66% YoY (from +4.98% YoY). In comparison with the prepandemic benchmark (set at February 2020), October's result placed the economy up by 3.0%.
- October's performance reflected tepid figures across key sectors. Regarding goods-related sectors, industrial output inched up 0.3% MoM-sa, while core retail sales inched up 0.4% MoM-sa. Services real revenue shrank 0.6% MoM-sa. In terms of carryovers to 4Q, we calculate for IBC-Br a -0.4% QoQ-sa figure, with mixed figures for industry (-0.4% QoQ-sa), services (+0.1% QoQ-sa), and core retail sales (+1.2% QoQ-sa). In comparison with the pre-pandemic benchmark, the industry remains 2.1% below, while core retail sales and services are up by 3.4% and 10.5%, respectively.
- We are lowering our 4Q22 GDP growth tracking to -0.1% QoQ-sa (from 0% QoQ-sa previously). We forecast GDP growth of 3.0% in 2022 and 0.8% in 2023. We project a slowdown in domestic demand and in cyclical supply components, stemming mainly from the expected global recession and the effects of a tight Central Bank policy, but we also expect strong growth for non-cyclical farm output, reflecting an all-time-high forecast for the grain harvest.

Figure 1 - Economic Activity Breakdown

|                           | % MoM  |        |        | % YoY  |        |        | % QoQ  |        |        | %      |        |
|---------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                           | Aug-22 | Sep-22 | Oct-22 | Aug-22 | Sep-22 | Oct-22 | Jun-22 | Sep-22 | Oct-22 | Feb-20 | Carry* |
| IBC-Br                    | -1.13  | 0.00   | -0.05  | 5.66   | 4.53   | 3.68   | 0.61   | 1.67   | 0.00   | 3.0    | -0.4   |
| Industry                  | -0.6   | -0.7   | 0.3    | 2.8    | 0.4    | 1.7    | 0.8    | -0.3   | -0.8   | -2.1   | -0.4   |
| Core Retail Sales         | 0.2    | 1.2    | 0.4    | -3.6   | -0.7   | 7.1    | 1.5    | -0.9   | 0.3    | 3.4    | 1.2    |
| <b>Broad Retail Sales</b> | 0.0    | 1.5    | 0.5    | -0.7   | 0.9    | 0.3    | -1.0   | -1.1   | 0.2    | -0.9   | 1.5    |
| Services                  | 1.2    | 0.5    | -0.6   | 8.7    | 9.4    | 9.5    | 1.4    | 3.1    | 2.6    | 10.5   | 0.1    |

<sup>\*</sup>Carryover calculated to 3Q22. Sources: IBGE, BCB, Santander.

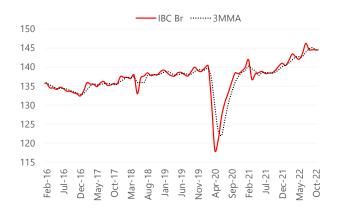
For details on Santander's economic activity outlook, please refer to our most recent reports<sup>1</sup>.

<sup>&</sup>lt;sup>1</sup> Santander Brazil Economic Activity: "Financial Conditions Remain Critically Restrictive" – November 30, 2022 – Available on: https://bit.ly/Std-FCl-nov22

Santander Brazil Economic Activity: "Serviços enfraquecem em novembro" – December 6, 2022 – Available on: https://bit.ly/Std-IGETser-nov22

Santander Brazil Economic Activity: "Varejo segue fraco em novembro" – December 6, 2022 – Available on: https://bit.ly/Std-IGET-nov2

Figure 2 - IBC-Br (sa, 2003=100)



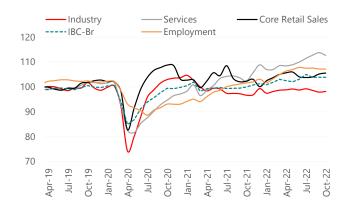
Sources: BCB, Santander.

Figure 4 - IBC-Br (sa, 2003=100)



Sources: BCB, Santander.

Figure 3 - Activity Indexes (sa, Jan/2019=100)



Sources: IBGE, BCB, Santander

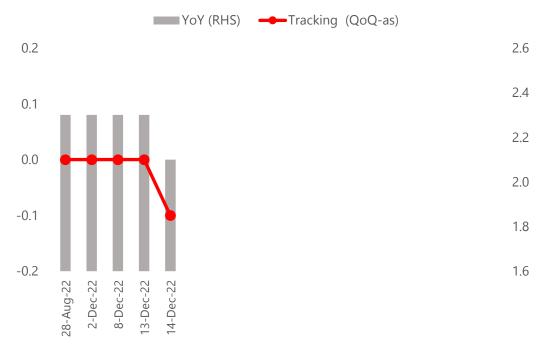
Figure 5 - Revisions

|        | NSA (    | YoY%)   | SA (MoM %) |         |  |  |
|--------|----------|---------|------------|---------|--|--|
|        | Previous | Revised | Previous   | Revised |  |  |
| Nov-21 | 1.45     | 1.49    | 0.88       | 0.78    |  |  |
| Dec-21 | 2.00     | 1.92    | 0.61       | 0.54    |  |  |
| Jan-22 | 0.55     | 0.62    | -0.58      | -0.44   |  |  |
| Feb-22 | 1.19     | 1.70    | 0.91       | 0.97    |  |  |
| Mar-22 | 2.67     | 3.31    | 1.12       | 1.19    |  |  |
| Apr-22 | 2.21     | 2.72    | -0.46      | -0.52   |  |  |
| May-22 | 3.74     | 3.83    | -0.20      | -0.46   |  |  |
| Jun-22 | 2.86     | 3.16    | 0.74       | 1.01    |  |  |
| Jul-22 | 3.97     | 4.64    | 1.68       | 1.92    |  |  |
| Aug-22 | 4.98     | 5.66    | -1.13      | -1.13   |  |  |
| Sep-22 | 4.00     | 4.53    | 0.05       | 0.00    |  |  |
| Oct-22 | -        | 3.68    | -          | -0.05   |  |  |

Sources: BCB, Santander.



Figure 6 - 4Q22 GDP Growth Nowcasting (%, QoQ-sa and YoY-nsa)<sup>2</sup>



Sources: IBGE, Santander

Figure 7 - Santander GDP Tracking

| 4Q22 GDP Growth |              |                             |        |     |        |     |  |
|-----------------|--------------|-----------------------------|--------|-----|--------|-----|--|
|                 |              | Tracking (%) Projection (%) |        |     |        |     |  |
| Date            | Release      | Reference                   | QoQ-sa | YoY | QoQ-sa | YoY |  |
| 28-Aug-22       | Labor Market | Oct-22                      | 0.0    | 2.3 | 0.0    | 2.3 |  |
| 02-Dec-22       | Industry     | Oct-22                      | 0.0    | 2.3 | 0.0    | 2.3 |  |
| 08-Dec-22       | Retail Sales | Oct-22                      | 0.0    | 2.3 | 0.0    | 2.3 |  |
| 13-Dec-22       | Services     | Oct-22                      | 0.0    | 2.3 | 0.0    | 2.3 |  |
| 14-Dec-22       | IBC-Br       | Oct-22                      | -0.1   | 2.1 | 0.0    | 2.3 |  |

Sources: IBGE, Santander.

<sup>&</sup>lt;sup>2</sup> Santander Brazil Special Report: "Nowcasting Brazilian GDP with LASSO" – May 16, 2022 – Available on: https://bit.ly/Std-special-051622 Santander Brazil Special Report: "Nowcasting Supply Sectors: Updating GDP Tracking" – October 28, 2022 – Available on: https://bit.ly/Std-special-102822



## **CONTACTS / IMPORTANT DISCLOSURES**

| Dun-il Manua Danna             | ma la  |  |                                  |  |  |  |
|--------------------------------|--|--|----------------------------------|--|--|--|
| Brazil Macro Resea             |  |  |                                  |  |  |  |
| 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*                | Economist – External Sector                        | jankiel.santos@santander.com.br  | 5511-3012-5726                   |  |  |  |
| İtalo Franca*                  | Economist – Fiscal Policy                          | italo.franca@santander.com.br  | 5511-3553-5235                   |  |  |  |
| Daniel Karp Vasquez*           | Economist – Inflation                              | daniel.karp@santander.com.br   | 5511-3553-9828                   |  |  |  |
| Tomas Urani*                   | Economist – Global Economics                       | tomas.urani@santander.com.br   | 5511-3553-9520                   |  |  |  |
| Lucas Maynard*                 | Economist – Economic Activity                      | lucas.maynard.da.silva@santander.com.br                                | 5511-3553-7495                   |  |  |  |
| Felipe Kotinda* Gabriel Couto* | Economist – Commodities                            | felipe.kotinda@santander.com.br  | 5511-3553-8071                   |  |  |  |
| Fabiana Moreira*               | Economist – Special Projects<br>Economist – Credit | gabriel.couto@santander.com.br<br>fabiana.de.oliveira@santander.com.br | 5511-3553-8487<br>5511-3553-6120 |  |  |  |
| Gilmar Lima*                   | Economist – Gredit<br>Economist – Modeling         | gilmar.lima@santander.com.br   | 5511-3553-6327                   |  |  |  |
|                                |  | giimar.iima@santander.com.br   | 3311-3333-0321                   |  |  |  |
| Global Macro Resea             |  |  |                                  |  |  |  |
| 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 Research          |  |  |                                  |  |  |  |
| 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                   |  |  |  |
| Electronic                     |  | -  |                                  |  |  |  |
|                                |  |  |                                  |  |  |  |

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: Lucas Maynard\*.

\*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.

Hong Kong (HK): This report is distributed in Hong Kong by Banco Santander, S.A. (a public limited liability company incorporated in Spain) which has a branch in Hong Kong. Banco Santander, S.A., Hong Kong Branch is regulated as a Registered Institution by the Hong Kong Monetary Authority for the conduct of Advising and Dealing in Securities (Regulated Activity Type 4 and 1 respectively) under the Securities and Futures Ordinance. This report is not intended for distribution to any persons other than professional investors. Banco Santander, S.A. or its affiliates may have a holding in any of the securities discussed in this report; for securities where the holding is greater than 1%, the specific holding is disclosed in the Important Disclosures section above. The recipient of this report must not distribute



it to any person without the prior written consent of Banco Santander, S.A. Singapore (SG): This report is distributed in Singapore by Banco Santander, S.A. which has a branch in Singapore. It is not intended for distribution to any persons other than institutional investors, accredited investors and expert investors (each as defined in the Securities and Futures Act 2001 of Singapore). Recipients of this report should contact Banco Santander, S.A., Singapore Branch at researchsingapore@gruposantander.com for matters arising from, or in connection with, this report. Mainland China (CN): This report is being distributed in Mainland China by Banco Santander, S.A. which has two branches in Mainland China, being Shanghai Branch and Beijing Branch ("Santander China"). Santander China is regulated by China Banking and Insurance Regulatory Commission. Banco Santander, S.A., Shanghai Branch is licensed for foreign currency business, RMB business and derivative business. Banco Santander, S.A., Beijing Branch is licensed with foreign currency business. The recipient of this report must not distribute it to any person without the prior written consent of Banco Santander, S.A..

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

