

Brazil Macro Compass

Temporary Drivers of Inflation and Activity

Ana Paula Vescovi* and
Brazil Macroeconomics Team
anavescovi@santander.com.br
+5511 3553 8567

- **November industrial production surprised the market to the downside and reminded us all that the recovery of Brazilian industry (and the broad economy) remains gradual. We expect next week's report on retail sales to show solid results, but that is partially explained by the temporary stimulus for consumers following the release of funds from FGTS (mandatory savings) accounts.**
- **While acknowledging that 4Q19 GDP growth may not have been as strong as previously thought, we continue to anticipate consistent improvement in domestic economic activity in the coming quarters.**
- **IPCA – Brazil's official inflation gauge – showed a significant increase in December, strongly influenced by supply shocks affecting food and fuel prices. Accordingly, 2019 inflation was slightly above the central bank's *midpoint* target (4.31% vs 4.25%). Yet the current data continue to signal a lack of demand-led price pressures, and we maintain our scenario of a well-behaved path for inflation over the coming quarters, amid still high spare capacity in domestic activity and well-anchored expectations.**
- **All in all, we believe this week's economic data continue to imply the likelihood of some moderate addition of monetary stimulus in 1Q20. Our scenario projects a terminal Selic rate of 4.00% for this cycle (after a couple of additional cuts of 25 bps each in February and March).**

Economic activity: November industrial production frustrated expectations. According to the Monthly Industrial Survey released on Thursday (January 9), industrial production fell 1.2% m/m (-1.7% y/y) in that month, considerably below market expectations. Regarding the main industrial categories, intermediate goods – which account for nearly 60% of overall industrial production – registered the most disappointing result (-1.5% m/m), mostly due to the poor performance of mining output. These frustrating figures for November, along with the significant decline in vehicle production in December (-4.0% m/m) – published on Tuesday (January 7) – led us to revise our forecast for industrial production growth in 4Q19 (to 0.4%, down from 1.2%).

Moreover, November data for retail sales, services revenue, and IBC-Br (the Brazilian Central Bank's activity index, a proxy for the official quarterly GDP on a monthly basis) will hit the wires next week. First, we expect the retail sector to show strong monthly growth, owing to the temporary income increase from the release of FGTS (mandatory savings fund) resources. Our estimates are 1.4% m/m growth for core retail sales and 0.9% growth for broad retail sales, which include building materials sales and autos and auto part dealers. Regarding the services sector, however, we forecast a slight decline of 0.2% m/m, since we expect services categories linked to manufacturing output to record a weak performance. Accordingly, we forecast that November IBC-Br will show paltry growth of 0.1% m/m (1.0% y/y).

Although we remain positive regarding the performance of economic activity in 4Q19, we recognize that, in light of the recent industrial data, GDP growth may not have been as strong as previously thought. Therefore, we assign a downward bias to our current forecast of a 0.8% q/q expansion for 4Q19 GDP (official results will be published on March 4), which is in line with a full year 2019 expectation of 1.2%.

Inflation: IPCA (Brazil's official inflation index) posted a strong increase of 1.15% m/m in December, leading full year 2019 inflation to 4.31%, thus slightly above the targeted level of 4.25%. December's IPCA spike (relative to December's IPCA preview: +1.05% m/m) was driven by: (i) the shock in animal protein prices (beef, chicken, etc.), contributing 59

IMPORTANT DISCLOSURES/CERTIFICATIONS ARE IN THE "IMPORTANT DISCLOSURES" SECTION OF THIS REPORT.

U.S. investors' inquiries should be directed to Santander Investment at (212) 350-0707.

* Employed by a non-US affiliate of Santander Investment Securities Inc. and is not registered/qualified as a research analyst under FINRA rules, is not an associated person of the member firm, and therefore may not be subject to FINRA Rules 2241 and 2242 and incorporated NYSE Rule 472 restrictions.



bps to the headline; (ii) the rise in fuel prices, whose contribution was about 20 bps; and (iii) a gambling price readjustment in November, contributing 7 bps. We note that IPCA would have registered a 0.29% m/m gain were it not for these temporary factors, still signaling a benign inflation backdrop.

IPCA-EX3 (the most sensitive core inflation gauge of monetary cycles) rose 0.49% m/m, higher than the 0.34% variation recorded in the mid-month preview, especially due to hikes in prices of edible items and personal hygiene. Were it not for the aforementioned temporary shocks, IPCA-EX3 would have remained virtually stable in December. According to our own calculations, the seasonally adjusted result (of the IPCA-EX3) stood at 0.31% m/m in December compared with 0.28% in November. In 4Q19, this important gauge of demand-sensitive prices posted an annualized pace of 3.3%, below the midpoint target for 2020 (4.0%). For 1Q20, we anticipate a smaller impact from the shock in animal protein prices and much lower headline inflation (c.0.3-0.4% per month), reinforcing our assessment of a well-behaved path for inflation, due to the still high spare capacity in domestic economic activity and anchored inflation expectations.

Recent Publications (Available on Our Website)

- *Macroeconomic Scenario: A Better Outlook* (December 13, 2019)
- *Macroeconomic Scenario: Better Days Ahead* (October 31, 2019)
- *Brazil Economic Activity: In Search of Growth* (August 29, 2019)
- *Brazil Fiscal Policy: Climbing the Cliffs In Bad Weather* (June 18, 2019)



CONTACTS / IMPORTANT DISCLOSURES

Macro Research

Maciej Reluga*	Head Macro, Rates & FX Strategy – CEE	maciej.reluga@santander.pl	48-22-534-1888
Juan Cerruti *	Senior Economist – Argentina	jcerruti@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
Marcela Bensi3n*	Economist – Uruguay	mbension@santander.com.uy	598-1747-6805

Fixed Income Research

Juan Arranz*	Chief Rates & FX Strategist – Argentina	jarranz@santanderrio.com.ar	5411-4341-1065
Luciano Sobral*	Senior Economist/Strategist – Brazil	lusobral@santander.com.br	5511-3012-6209
Juan Pablo Cabrera*	Chief Rates & FX Strategist – Chile	jcabrera@santander.cl	562-2320-3778
Aaron Holsberg	Head of Credit Research	aholsberg@santander.us	212-407-0978

Equity Research

Miguel Machado*	Head Equity Research Americas	mmachado@santander.com.mx	5255 5269 2228
Christian Audi	Head LatAm Equity Research	caudi@santander.us	212-350-3991
Andres Soto	Head, Andean	asoto@santander.us	212-407-0976
Claudia Benavente*	Head, Chile	claudia.benavente@santander.cl	562-2336-3361
Walter Chiarvesio*	Head, Argentina	wchiarvesio@santanderrio.com.ar	5411-4341-1564
Daniel Gewehr*	Head, Brazil	dhgewehr@santander.com.br	5511-3012-5787

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: Ana Paula Vescovi*.

*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.

© 2020 by Santander Investment Securities Inc. All Rights Reserved.