

BRAZIL MACRO

DATA ANALYSIS – ECONOMIC ACTIVITY

September 15, 2022

POSITIVE KICKOFF FOR BROAD ECONOMY IN 3Q22

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- The IBC-Br (the Central Bank's monthly GDP proxy) marked a healthy kickoff to 3Q22, climbing 1.17% MoM-sa (+3.87% YoY), far above market consensus of +0.40% MoM (+2.8% YoY) and our estimate of +0.50 MoM (+2.9% YoY). This performance places the broad economy 4.4% above the pre-pandemic benchmark (set at February 2020) and 2.0% above the domestic high reached in February 2021 (which reflected a steep climb in soybean output in the period).
- In comparison to June's release, there were only slight revisions in recent prints: in the adjusted series, June's figure was revised upward to +0.93% MoM-sa (from +0.69% MoM-sa), while in the unadjusted series, June's figure was revised downward to +2.97% YoY (from +3.09% YoY). All in all, we highlight widespread upward revision for most months so far this year.
- July's performance reflected mixed signals across major activities. Services output continued to strengthen, climbing 1.1% MoM-sa, while industrial output also contributed positively, expanding 0.6% MoM-sa. Conversely, core retail sales disappointed with a drop of 0.8% MoM-sa (the broad index shrank 0.7% MoM-sa), not enough to offset the remaining positive sectorial contributions, thus dragging down overall activity. Farm output contributed positively, in our view, likely reflecting the normalization of corn and sugarcane production this year (compared to the crop failure in 2021).
- In quarterly terms, July's strong figure led a carryover of 1.7% QoQ-sa to 3Q22 (+0.9% in 2Q22 and +1.2% in 1Q22). Our preliminary tracking for August IBC-Br points to a 1.7% MoM-sa retreat (+3.6% YoY). Our 3Q22 GDP growth tracking was updated to +0.6% (+3.6% YoY) from +0.4% QoQ-sa previously. This figure imparts upside risks to our 2022 GDP growth forecast of +2.6%. We also see upside risks to our 2023 GDP growth forecast (currently at -0.2%).

| | % МоМ | | % YoY | | | % QoQ | | | % | | |
|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | May-22 | Jun-22 | Jul-22 | May-22 | Jun-22 | Jul-22 | Mar-22 | Jun-22 | Jul-22 | Feb-20 | Carry* |
| IBC-Br | -0.3 | 0.9 | 1.2 | 3.8 | 3.0 | 3.9 | 1.2 | 0.9 | 0.9 | 4.4 | 1.7 |
| Industry | 0.4 | -0.3 | 0.6 | 0.5 | -0.5 | -0.5 | 0.6 | 1.0 | 0.7 | -0.8 | 0.5 |
| Core Retail Sales | -0.5 | -1.4 | -0.8 | -0.2 | -0.1 | -5.2 | 1.6 | 0.8 | -1.1 | 0.5 | -1.9 |
| Broad Retail Sales | 0.5 | -2.5 | -0.7 | -0.7 | -3.0 | -6.8 | 1.2 | -1.3 | -2.4 | -3.8 | -2.3 |
| Services | 0.4 | 0.8 | 1.1 | 9.1 | 6.4 | 6.3 | 1.7 | 1.3 | 1.7 | 8.9 | 1.8 |

Figure 1 – Economic Activity Breakdown

*Carryover calculated to 3Q22. Sources: IBGE, BCB, Santander.

For details on Santander's economic activity outlook, please refer to our last reports¹.

Santander Brazil Special Report: "Tightest Financial Conditions since 2009" – August 11, 2022 – Available on: https://bit.ly/Std-special-081122

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

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¹ Santander Brazil Special Report: "A Model to Forecast Probability of Recession in Brazil" – June 08, 2022 – Available on: https://bit.ly/Std-special-060822

Santander Brazil Special Report: "Resilience Factors for GDP Growth: What Has Changed Since January" – June 30, 2022 – Available on: https://bit.ly/Std-special-GDP-062922

Mar-21

Jul-21

Nov-20

Core Retail Sales

Mar-22

Nov-21

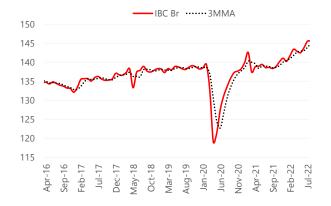
Jul-22

Figure 2.B – Activity Indexes (sa, Jan/2019=100)

Services

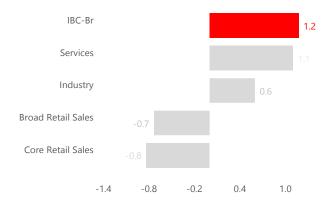
- Employment

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



Sources: BCB, Santander.

Figure 3.A – Activity Indexes (sa, MoM %)



Sources: BCB, IBGE, Santander.

Figure 4.A - IBC-Br (sa, 2002=100)



Sources: IBGE, BCB, Santander

Nov-19

Jul-19

Industry

----IBC-Br (RHS)

120

110

100

90

80

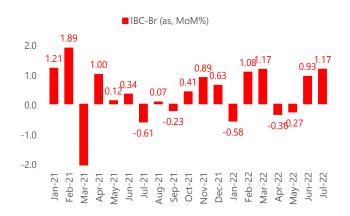
70

Mar-19

Figure 3.B – IBC-Br (sa, MoM%)

Mar-20

Jul-20



Sources: BCB, Santander.

Figure 4.B – Revisions

| | NSA (| YoY%) | SA (MoM %) | | | |
|--------|----------|---------|------------|---------|--|--|
| | Previous | Revised | Previous | Revised | | |
| Feb-21 | -0.01 | -0.01 | 1.80 | 1.89 | | |
| Mar-21 | 5.91 | 5.91 | -3.65 | -3.63 | | |
| Apr-21 | 17.12 | 17.12 | 0.89 | 1.00 | | |
| May-21 | 15.12 | 15.12 | 0.24 | 0.12 | | |
| Jun-21 | 9.61 | 9.61 | -0.14 | 0.34 | | |
| Jul-21 | 5.56 | 5.56 | 0.12 | -0.61 | | |
| Aug-21 | 4.97 | 4.97 | 0.04 | 0.07 | | |
| Sep-21 | 1.42 | 1.43 | -0.14 | -0.23 | | |
| Oct-21 | -0.99 | -0.99 | 0.25 | 0.41 | | |
| Nov-21 | 1.55 | 1.55 | 0.89 | 0.89 | | |
| Dec-21 | 2.08 | 2.08 | 0.60 | 0.63 | | |
| Jan-22 | 0.52 | 0.48 | -0.59 | -0.58 | | |
| Feb-22 | 1.25 | 1.23 | 0.98 | 1.08 | | |
| Mar-22 | 2.70 | 2.73 | 1.07 | 1.17 | | |
| Apr-22 | 2.16 | 2.33 | -0.52 | -0.36 | | |
| May-22 | 3.63 | 3.83 | -0.26 | -0.27 | | |
| Jun-22 | 3.09 | 2.97 | 0.69 | 0.93 | | |
| Jul-22 | - | 3.87 | - | 1.17 | | |

Sources: BCB, Santander.

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Figure 5 – 1Q22 GDP Growth Tracking (%, QoQ-sa and YoY-nsa)

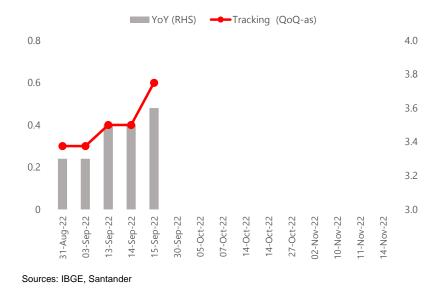


Figure 6 – Santander GDP Tracking

| 3Q22 GDP Growth | | | | | | | |
|-----------------|--------------|-----------|--------------|-----|----------------|-----|--|
| | | | Tracking (%) | | Projection (%) | | |
| Date | Release | Reference | QoQ-sa | YoY | QoQ-sa | YoY | |
| 31-Aug-22 | Labor Market | Jul-22 | 0.3 | 3.3 | 0.3 | 3.3 | |
| 03-Sep-22 | Industry | Jul-22 | 0.3 | 3.3 | 0.3 | 3.3 | |
| 13-Sep-22 | Retail Sales | Jul-22 | 0.4 | 3.5 | 0.3 | 3.3 | |
| 14-Sep-22 | Services | Jul-22 | 0.4 | 3.5 | 0.3 | 3.3 | |
| 15-Sep-22 | IBC-Br | Jul-22 | 0.6 | 3.6 | 0.3 | 3.3 | |

Sources: IBGE, Santander.



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