LATINFOCUS CONSENSUSFORECAST

Brazil • February 2023

BRAZIL 2 **CALENDAR** 19 **NOTES** 20

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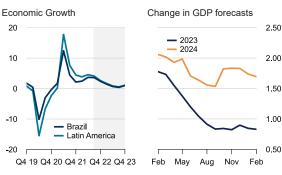


LONG-TERM TRENDS | 3-year averages

| | 2019-21 | 2022-24 | 2025-27 |
|-----------------------------|---------|---------|---------|
| Population (million): | 212 | 215 | 219 |
| GDP (USD bn): | 1,666 | 2,013 | 2,420 |
| GDP per capita (USD): | 7,881 | 9,355 | 11,029 |
| GDP growth (%): | 1.0 | 1.8 | 2.1 |
| Fiscal Balance (% of GDP): | -7.8 | -6.6 | -6.5 |
| Public Debt (% of GDP): | 79.9 | 78.0 | 86.1 |
| Inflation (%): | 5.1 | 6.1 | 3.5 |
| Current Account (% of GDP): | -2.8 | -2.4 | -2.7 |
| External Debt (% of GDP): | 19.3 | 16.3 | - |

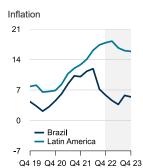
Marta Casanovas

Economist



2019 - Q4 2023

GDP, real annual variation in %, Q4 GDP, evolution of 2023 and 2024 forecasts during the last 12 months.



Consumer Price Index (CPI), annual variation in %, Q4 2019 - Q4 2023.

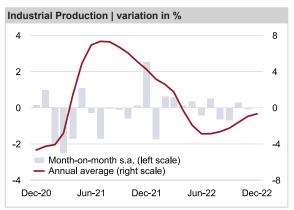




Inflation, evolution of 2023 and 2024 forecasts during the last 12 months.

Outlook stable

- The cumulative 1,175 basis points in Central Bank hikes from March 2021 to August 2022 have succeeded in cooling inflation and domestic activity; the economy will not have been able to avoid a sequential contraction in Q4 2022. Monthly economic activity dropped at sharper-than-anticipated rates in the first two months of Q4. Moreover, the improvement in the unemployment rate in October and November-when it dropped to an over seven-year low-and moderating inflation were not enough to lift consumers' sentiment, which remained downbeat in Q4. In Q1 2023, activity should be improving. The manufacturing PMI reached a threemonth high in January, although it remained in contractionary territory. In other news, the finance ministry supports Lula's proposed minimum wage increase of about 1.5% to BRL 1,320 (around USD 250) from May, which would cost the government approximately BRL 5 billion (USD 975 million).
- This year, economic growth will slow to nearly a fourth of 2022's projected level. Domestically, above-target inflation and high borrowing costs will pressure consumption and investment. Externally, exports growth will be sensitive to the severity of the global slowdown. Changes to the public spending profile under Lula are a factor to monitor. FocusEconomics analysts see the economy expanding 0.8% in 2023, which is unchanged from last month's forecast, and 1.7% in 2024.
- Inflation was unchanged at December's 22-month low of 5.8% in January. Our panelists expect the downward trend to resume in H1 2023, although inflation will remain above the Central Bank's 3.5% target. In H2, the Consensus is for average inflation to reverse the trend and accelerate. A social spending boom and premature monetary policy easing are risks. Our panel sees inflation ending 2023 at 5.3%, which is up 0.2 percentage points from last month's forecast, and 2024 at 3.8%.
- At its 31 January-1 February meeting, the Central Bank decided to maintain the benchmark SELIC rate unchanged at 13.75% once again. The cooling of headline and core inflation, compounded with slowing domestic activity, drove the decision. The next meeting is scheduled for 21-22 March, for which virtually all our panelists have penciled another hold. FocusEconomics Consensus panelists project the SELIC rate to end 2023 at 12.00% and 2024 at 9.27%.
- The Brazilian real reverted recent gains; it depreciated 0.4% month on month and traded at BRL 5.25 per USD on 10 February. The currency is seen remaining broadly unchanged from current levels by year-end. However, pressures will come from uncertainty over fiscal policy under the new administration, the evolution of commodity prices and sluggish domestic growth. Our panel sees the real ending 2023 at BRL 5.26 per USD and 2024 at BRL 5.24 per USD.

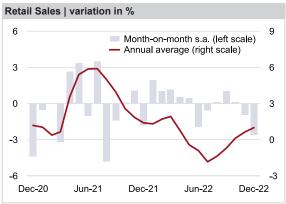


Note: Month-on-month changes of seasonally adjusted industrial production and annual average growth rate in %.

Source: Brazilian Institute of Geography and Statistics (IBGE) and FocusEconomics calculations.



Note: S&P Global Brazil Manufacturing Purchasing Managers' Index (PMI). A reading above 50 indicates an overall increase compared to the previous month, while a value below 50 indicates an overall decrease. Source: S&P Global.



Note: Month-on-month changes of seasonally adjusted retail sales and annual average growth rate in %.

Source: Brazil Institute of Geography and Statistics (IBGE) and FocusEconomics calculations.

REAL SECTOR | Industrial output remains unchanged in December

Industrial output flatlined in month-on-month seasonally adjusted terms in December (November: -0.1% mom). Looking at the details of the release, December's outturn was chiefly due to intermediate goods production contracting. This offset consumer goods output and durable and non-durable consumer goods production gaining steam.

On an annual basis, industrial output dropped 1.3% in December, contrasting November's 0.9% expansion and marking the worst result since March. Still, the trend improved, with the annual average variation of industrial production coming in at minus 0.7%, up from November's minus 0.9%.

The analysts surveyed by FocusEconomics for this month's LatinFocus Consensus Forecast see industrial production increasing 0.5% in 2023, which is down 0.1 percentage points from last month's estimate, and growing 1.6% in 2024.

The LatinFocus panel of analysts sees the economy expanding 0.8% in 2023, which is unchanged from last month's forecast, and 1.7% in 2024.

REAL SECTOR | Manufacturing conditions deteriorate at milder pace in January

The S&P Global Manufacturing Purchasing Managers' Index (PMI) reversed a seven-month-long streak of declines and rose to 47.5 in January from December's 31-month low of 44.2. As a result, the index moved closer to—but remained below—the 50.0 no-change threshold. This points to a milder deterioration in manufacturing business conditions from the prior month.

January's uptick came on the back of softer declines in both new orders and output. New orders dropped at the slowest pace in four months. That said, sales continued to contract due to higher prices, weakening demand and uncertainty over domestic fiscal policy. On an international level, sales were dampened by weaker demand from Latin America amid recession fears and an overall challenging global environment. Consequently, firms continued to cut output in January, but they did so at the softest pace since September 2022. Weak demand, reduced production and efforts to cut costs led to yet another month of job shedding—although also at a more moderate pace.

Turning to prices, input costs rose at the strongest pace in five months in January due to brisker increases in prices for food, metals, plastics and some imported components. Lastly, firms remained optimistic about growth prospects thanks to an expected recovery of demand, investment and the launch of new products. Sentiment fell from December, however, amid uncertainty over fiscal policy under the new administration and elevated borrowing costs.

REAL SECTOR | Retail sales record largest decrease in over one year in December

Retail sales decreased 2.6% in month-on-month seasonally adjusted terms in December, which was a larger contraction than November's 0.9% decrease. December's figure marked the worst reading since August 2021. Looking at the details of the release, December's figure was partly due to a deterioration in supermarkets, food, drinks and tobacco sales, as they fell at the sharpest pace since April. Moreover, textiles, clothing and footwear sales declined at a sharper rate. Lastly, furniture and appliances sales also fell at a steeper pace than in the previous month.

Consumer Confidence Index

115

100

85

70

55

Jan-21 Jul-21 Jan-22 Jul-22 Jan-23

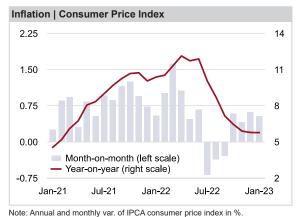
Note: Index of consumer sentiment (seasonally adjusted). The 100-point threshold represents the point above which consumers expect economic conditions to improve.

Source: Getulio Vargas Foundation



Note: Index of business sentiment (seasonally adjusted). The 100-point threshold represents the point above which businesses expect economic conditions to improve.

Source: Getulio Vargas Foundation.



Note: Annual and monthly var. of IPCA consumer price index in %. Source: Brazilian Institute of Geography and Statistics (IBGE).

On an annual basis, retail sales rose at a more moderate pace of 0.4% in December (November: +1.4% yoy), the weakest result since July. Meanwhile, the trend improved, with the annual average growth of retail sales coming in at 1.0% in December, up from November's 0.6% reading.

Panelists participating in the LatinFocus Consensus Forecast project retail sales to expand 1.0% in 2023, which is down 0.2 percentage points from last month's forecast, and 2.1% in 2024.

OUTLOOK | Consumer sentiment deteriorates in January

The seasonally adjusted consumer confidence index published by the Getulio Vargas Foundation (Fundação Getúlio Vargas) fell to 85.8 in January from December's 88.0. As such, the index moved further below the 100-point threshold, indicating starker pessimism among Brazilian consumers.

The downtick came on the back of a deterioration in consumers' views of the future economic situation, which became pessimistic in January, following December's timid optimism. This more than offset the improvement in consumers' assessment of the current economic situation—although it still remained deeply pessimistic.

Panelists participating in the LatinFocus Consensus Forecast see private consumption rising 1.2% in 2023, which is unchanged from last month's forecast, and growing 1.8% in 2024.

OUTLOOK | Business sentiment grows more pessimistic in January

The Getulio Vargas Foundation's (Fundação Getúlio Vargas) industrial business confidence index dropped marginally to 93.1 in January, down from December's 93.3. As a result, the index moved further below the 100-point threshold, signaling starker pessimism among businesses.

January's downtick came on the back of a deterioration in firms' assessment of the current economic situation. This more than offset an improvement in firms' views regarding the future economic situation—although they remained pessimistic in January.

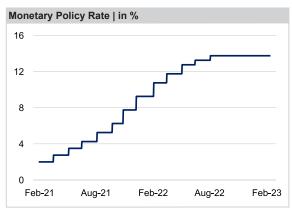
Panelists participating in the LatinFocus Consensus Forecast see fixed investment expanding 0.5% in 2023, which is up 0.1 percentage points from last month's forecast, before growing 2.3% in 2024.

MONETARY SECTOR | Inflation remains steady in January

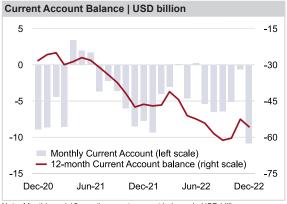
Inflation held steady at December's 5.8% in January, pausing a six-month streak of easing price pressures. December and January's result represented the weakest inflation rate since February 2021, but remained above the Central Bank's 3.5% target. Looking at the details of the release, prices for food and beverages rose at a slower rate. Moreover, prices for clothing grew at a more subdued pace. These offset prices for housing and utilities accelerating in January.

Meanwhile, the trend pointed down, with annual average inflation falling to a one-year low of 8.9% in January (December: 9.3%).

Lastly, consumer prices rose a seasonally adjusted 0.53% over the previous month in January, slowing down from December's 0.62% increase.



Note: SELIC target rate (Taxa SELIC meta) in %. Source: Central Bank of Brazil (Banco Central do Brasil).



Note: Monthly and 12-month current account balance in USD billion.

Source: Central Bank of Brazil (BCB) and FocusEconomics calculations.

FocusEconomics Consensus panelists see inflation closing 2023 at 5.3%, which is up 0.2 percentage points from last month's forecast, and 2024 at 3.8%.

MONETARY SECTOR | COPOM holds fire for a fourth consecutive time in February

At its first meeting of 2023 on 31 January–1 February, the Monetary Policy Committee (COPOM) of Brazil's Central Bank (BCB) decided to once again keep the benchmark SELIC interest rate unchanged at 13.75%. The unanimous decision, which markets had largely priced in, marked the fourth consecutive hold since September 2022.

The Bank acknowledged that while headline and core inflation remain high, they have cooled. Regarding activity, the BCB said that high-frequency data continued to corroborate the slowing down of domestic economic activity as expected. Additionally, the BCB noted that uncertainty is markedly higher now. As such, the Bank continued its recent wait-and-see approach to continue assessing the impact of its cumulative 1,175 basis points worth of increases from March 2021 to August 2022.

The Bank did not provide hints about future policy moves in its communiqué, but its tone remained largely unchanged from recent meetings. It stated that risks to the inflation outlook remain in both directions. The COPOM affirmed it would monitor fiscal policy developments—now particularly uncertain under the new administration—and their effects on inflation, as it remains committed to "persevere until not only the disinflation process is consolidated, but also inflation expectations anchor close to the target". Consequently, the COPOM stated it would resume its policy tightening if inflation does not decelerate. Meanwhile, virtually all of our panelists see the benchmark SELIC rate being cut in 2023.

The next monetary policy meeting is scheduled for 21–22 March.

Focus Economics panelists project the SELIC rate to end 2023 at 12.00% and 2024 at 9.27%.

EXTERNAL SECTOR | Current account records largest deficit since January 2020 in December

Brazil's current account recorded a USD 10.9 billion deficit in December, widening markedly from the USD 7.7 billion shortfall posted in the same month last year and from the USD 0.6 billion deficit clocked in November 2022.

December's result chiefly reflected the services account deficit increasing by nearly 50% from the same month a year ago. More positively, the goods trade balance recorded a larger surplus than in December 2021. Meanwhile, net foreign investment was positive in the month, totaling USD 5.6 billion in inflows (December 2021: USD 5.2 billion outflows).

Meanwhile, the 12-month sum of the current account balance widened to a USD 55.7 billion deficit in December from the USD 46.4 billion shortfall recorded in December 2021. This was equivalent to approximately 2.9% of GDP (December 2021: approximately 2.8% of GDP).

The panel sees a current account deficit of 2.1% of GDP in 2023, which is down 0.1 percentage points from last month's forecast, and a deficit of 2.3% of GDP in 2024.

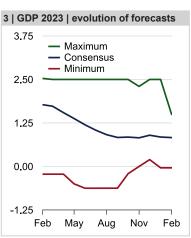
| Economic Indicators 2010 2027 | | | | | | | | | | |
|--|--------------|---------------|---------------|--------------------------|----------------|----------------|---------------|--------------|---------------|---------------|
| Economic Indicators 2018 - 2027 | 2242 | 2242 | 2222 | 2024 | 2222 | 2222 | 2224 | 2005 | 2222 | 222 |
| Annual Data Real Sector | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 |
| Population (million) | 208 | 210 | 212 | 213 | 214 | 215 | 216 | 217 | 219 | 222 |
| GDP per capita (USD) | 9,192 | 8,913 | 6,973 | 7,756 | 8,955 | 9,302 | 9,809 | 10,292 | 11,036 | 11,758 |
| GDP (USD bn) | 1,917 | 1,873 | 1,477 | 1,649 | 1,916 | 2,001 | 2,122 | 2,238 | 2,413 | 2,610 |
| GDP (BRL bn) | 7,004 | 7,389 | 7,610 | 8,899 | 9,889 | 10,533 | 11,134 | 11,788 | 12,762 | 13,696 |
| Economic Growth (Nominal GDP, ann. var. %) | 6.4 | 5.5 | 3.0 | 16.9 | 11.1 | 6.5 | 5.7 | 5.9 | 8.3 | 7.3 |
| Economic Growth (GDP, ann. var. %) | 1.8 | 1.2 | -3.3 | 5.0 | 3.0 | 8.0 | 1.7 | 2.1 | 2.1 | 2.1 |
| Domestic Demand (ann. var. %) | 2.3 | 1.8 | -4.3 | 5.8 | 2.6 | 1.2 | 2.0 | 2.4 | 2.3 | 2.1 |
| Private Consumption (ann. var. %) | 2.4 | 2.6 | -4.6 | 3.7 | 3.9 | 1.2 | 1.8 | 2.3 | 2.3 | 2.3 |
| Government Consumption (ann. var. %) Fixed Investment (ann. var. %) | 0.8 5.2 | -0.5 4.0 | -3.7 -1.7 | 3.5 16.5 | 1.5 0.3 | 1.1 0.5 | 1.1 2.3 | 0.9 2.7 | 1.1 2.6 | 1.3 2.2 |
| Exports (G&S, ann. var. %) | 4.1 | -2.6 | -1.7 | 5.9 | 4.1 | 1.6 | 3.1 | 4.0 | 3.7 | 3.4 |
| Imports (G&S, ann. var. %) | 7.7 | 1.3 | -9.5 | 12.0 | 0.5 | 2.1 | 3.4 | 3.7 | 3.8 | 3.5 |
| Industrial Production (ann. var. %) | 0.8 | -1.1 | -4.7 | 4.2 | -0.7 | 0.5 | 1.6 | 2.5 | 2.1 | 2.1 |
| Retail Sales (ann. var. %) | 2.3 | 1.8 | 1.2 | 1.4 | 1.0 | 1.0 | 2.1 | 2.6 | 2.3 | 2.4 |
| Unemployment (% of active population, aop) | 12.4 | 12.1 | 13.5 | 13.5 | 9.5 | 9.0 | 9.3 | 9.4 | 9.4 | 9.2 |
| Fiscal Balance (% of GDP) | -7.0 | -5.8 | -13.3 | -4.3 | -4.7 | -7.9 | -7.2 | -6.7 | -6.5 | -6.2 |
| Public Debt (% of GDP) | 75.3 | 74.4 | 86.9 | 78.3 | 73.5 | 78.8 | 81.7 | 84.4 | 86.3 | 87.7 |
| Monetary and Financial Sector | | | | 10.1 | 5.0 | | | 0.5 | 2.5 | 2.5 |
| Inflation (CPI, ann. var. %, eop) | 3.7 | 4.3 | 4.5 | 10.1 | 5.8 | 5.3 | 3.8 | 3.5 | 3.5 | 3.5 |
| Inflation (CPI, ann. var. %, aop) | 3.7 6.50 | 3.7 4.50 | 3.2 2.00 | 8.3 9.25 | 9.3 | 4.9 | 4.2 9.27 | 3.6 7.82 | 3.5 7.84 | 3.5 |
| SELIC Rate (%, eop) 10-Year Bond Yield (%, eop) | 9.23 | 6.78 | 6.90 | 10.83 | 13.75 12.66 | 12.00 12.00 | 10.63 | 1.02 | 7.04 | 7.82 |
| Exchange Rate (BRL per USD, eop) | 3.88 | 4.02 | 5.19 | 5.57 | 5.28 | 5.26 | 5.24 | 5.30 | 5.28 | 5.21 |
| Exchange Rate (BRL per USD, aop) | 3.65 | 3.95 | 5.15 | 5.40 | 5.16 | 5.26 | 5.25 | 5.27 | 5.29 | 5.25 |
| External Sector | | | | | | | | | | |
| Current Account Balance (% of GDP) | -2.9 | -3.6 | -1.9 | -2.8 | -2.6 | -2.1 | -2.3 | -2.7 | -2.6 | -2.8 |
| Current Account Balance (USD bn) | -54.8 | -68.0 | -28.2 | -46.4 | -55.7 | -42.7 | -49.3 | -59.9 | -63.0 | -74.2 |
| Merchandise Trade Balance (USD bn) | 46.6 | 35.2 | 50.4 | 61.4 | 61.5 | 61.5 | 63.6 | 62.1 | 63.7 | 70.5 |
| Merchandise Exports (USD bn) | 232 | 221 | 209 | 281 | 334 | 330 | 343 | 359 | 376 | 423 |
| Merchandise Imports (USD bn) | 185 | 186 | 159 | 219 | 273 | 268 | 279 | 296 | 312 | 353 |
| Merchandise Exports (ann. var. %) Merchandise Imports (ann. var. %) | 7.9 16.6 | -4.6 0.3 | -5.4 -14.6 | 34.2 38.2 | 19.0 24.2 | -1.3 -1.7 | 4.0 4.1 | 4.6 6.2 | 4.9 5.4 | 12.6 13.0 |
| Foreign Direct Investment (USD bn) | 78.2 | 69.2 | 37.8 | 46.4 | 24.2 | -1.7 | 4.1 | 0.2 | 5.4 | 13.0 |
| International Reserves (USD bn) | 375 | 357 | 356 | 362 | 325 | 335 | 339 | 344 | 343 | 342 |
| International Reserves (months of imports) | 24.3 | 23.0 | 26.9 | 19.8 | 14.3 | 15.0 | 14.6 | 13.9 | 13.2 | 11.6 |
| External Debt (USD bn) | 321 | 323 | 311 | 325 | 319 | 326 | 338 | - | - | - |
| External Debt (% of GDP) | 16.7 | 17.2 | 21.0 | 19.7 | 16.6 | 16.3 | 15.9 | - | - | - |
| Quarterly Data | Q3 21 | Q4 21 | Q1 22 | Q2 22 | Q3 22 | Q4 22 | Q1 23 | Q2 23 | Q3 23 | Q4 23 |
| Economic Growth (GDP, ann. var. %) | 4.4 | 2.1 | 2.4 | 3.7 | 3.6 | 2.4 | 1.5 | 0.7 | 0.4 | 1.0 |
| Economic Growth (GDP, qoq s.a. var. %) | 0.4 | 0.9 | 1.3 | 1.0 | 0.4 | -0.2 | 0.2 | 0.2 | 0.2 | 0.3 |
| Domestic Demand (ann. var. %) | 6.5 | 2.1 | -0.2 | 4.4 | 3.9 | - 0.4 | - | - | - 0.1 | - 1.0 |
| Private Consumption (ann. var. %) Government Consumption (ann. var. %) | 4.7 5.3 | 2.0 4.4 | 2.5 3.9 | 5.7 0.9 | 4.6 1.0 | 2.1 -0.1 | 2.5 0.8 | 0.8 0.8 | 0.1 0.4 | 1.2 2.9 |
| Fixed Investment (ann. var. %) | 18.9 | 3.2 | -6.4 | 1.5 | 5.0 | 1.6 | 3.3 | 0.8 | -1.3 | 1.6 |
| Industrial Production (ann. var. %) | -1.4 | -5.6 | -4.3 | -0.1 | 1.3 | 0.6 | 1.3 | 0.2 | 0.2 | 1.8 |
| Retail Sales (ann. var. %) | -1.2 | -4.6 | 1.6 | 1.3 | -0.4 | 1.4 | - | - | - | - |
| Unemployment (% of active population, aop) | 13.1 | 11.6 | 11.2 | 9.9 | 8.9 | 8.1 | 8.8 | 9.1 | 9.2 | 9.0 |
| Inflation (CPI, ann. var. %, eop) | 10.2 | 10.1 | 11.3 | 11.9 | 7.2 | 5.8 | 4.6 | 3.7 | 5.8 | 5.4 |
| Inflation (CPI, ann. var. %, aop) | 9.6 | 10.5 | 10.7 | 11.9 | 8.6 | 6.1 | 5.4 | 3.9 | 5.1 | 5.5 |
| SELIC Rate (%, eop) | 6.25 | 9.25 | 11.75 | 13.25 | 13.75 | 13.75 | 13.75 | 13.58 | 13.12 | 12.23 |
| Exchange Rate (BRL per USD, eop) | 5.45 | 5.57 | 4.75 | 5.23 | 5.41 | 5.28 | 5.24 | 5.25 | 5.27 | 5.30 |
| Exchange Rate (BRL per USD, aop) | 5.23 | 5.59 | 5.23 | 4.92 | 5.25 | 5.25 | 5.26 | 5.24 | 5.26 | 5.29 |
| Current Account Balance (% of GDP) Current Account Balance (USD bn) | -2.2 -9.5 | -5.4 -22.3 | -3.7 -16.4 | -0.8 -4.3 | -3.8 -18.3 | -3.2 -16.7 | -2.9 -14.6 | -1.8 -9.2 | -3.0 -15.2 | -2.8 -14.4 |
| Merchandise Trade Balance (USD bn) | -9.5 19.4 | 5.0 | 12.2 | -4 .3 22.1 | 13.2 | 14.1 | 11.3 | 21.0 | 16.7 | 13.5 |
| Merchandise Exports (USD bn) | 77.1 | 67.5 | 72.7 | 91.4 | 89.2 | 80.8 | 73.8 | 86.6 | 87.2 | 81.5 |
| Merchandise Imports (USD bn) | 57.7 | 62.6 | 60.5 | 69.3 | 76.1 | 66.7 | 62.5 | 65.6 | 70.5 | 68.0 |
| Monthly Data | Apr-22 | May-22 | Jun-22 | Jul-22 | Aug-22 | Sep-22 | Oct-22 | Nov-22 | Dec-22 | Jan-23 |
| Economic Activity (IBC-Br, ann. var. %) | 2.7 | 3.8 | 3.2 | 4.7 | 5.7 | 4.6 | 3.7 | 1.6 | - | - |
| Economic Activity (IBC-Br, mom var. %) | -0.5 | -0.5 | 1.0 | 1.9 | -1.2 | -0.1 | -0.3 | -0.5 | - | - |
| Industrial Production (mom s.a. var. %) | 0.1 | 0.3 | -0.4 | 0.5 | -0.6 | -0.7 | 0.3 | -0.1 | 0.0 | - |
| S&P Global Manufacturing PMI (50-threshold) | 51.8 | 54.2 | 54.1 | 54.0 | 51.9 | 51.1 | 50.8 | 44.3 | 44.2 | 47.5 |
| Retail Sales (mom s.a. var. %) | 0.5 | 0.4 | -1.9 -20.0 | -0.6 | 0.1 | 1.0 | 0.1 | -0.9 | -2.6 | - |
| Consumer Confidence (100-pt threshold, s.a.) | 78.6 | 75.5 | 79.0 | 79.5 | 83.6 | 89.0 | 88.6 | 85.3 | 88.0 | 85.8 |
| Business Confidence (100-pt threshold, s.a.) | 97.4 1.06 | 99.7 0.47 | 101.2 | 99.5 | 100.3 | 99.5 | 95.7 0.50 | 92.1 0.41 | 93.3 | 93.1 |
| Inflation (CPI, mom var. %) Inflation (CPI, ann. var. %) | 1.06 12.1 | 0.47 11.7 | 0.67 11.9 | -0.68 10.1 | -0.36 8.7 | -0.29 7.2 | 0.59 6.5 | 0.41 5.9 | 0.62 5.8 | 0.53 5.8 |
| Exchange Rate (BRL per USD, eop) | 4.95 | 4.74 | 5.23 | 5.20 | 5.18 | 7.2 5.41 | 5.25 | 5.9 5.26 | 5.8 5.28 | 5.09 |
| Current Account Balance (USD bn) | 0.1 | -4.6 | 0.3 | -5.4 | -6.5 | -6.4 | -5.2 | -0.6 | -10.9 | 5.09 |
| zamento (OOD bii) | 0.1 | 7.0 | 5.0 | J.7 | 3.0 | 5.∓ | 5.2 | 5.0 | . 5.5 | |

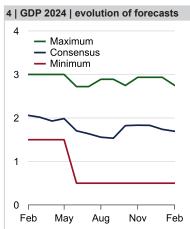
Note: FocusEconomics Consensus Forecasts are highlighted in grey.

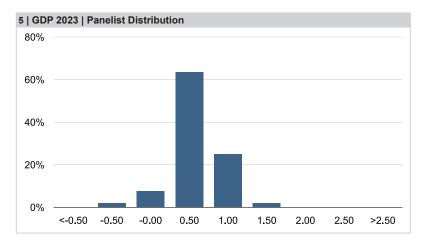
Real Sector | Gross Domestic Product











Notes and sources

- * Forecasts are not in the Consensus and are shown for illustrative purposes only.
- ** Others refers to the Consensus Forecast additional panelists who are not shown in the FocusEconomics Consensus Forecast Brazil report due to space constraints. A full panelist breakdown is available in the report's accompanying Excel file.

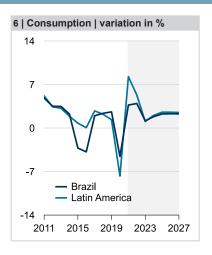
Long-term chart period from 2011 to 2027 unless otherwise stated. The Latin America regional aggregate excludes Venezuela. All real sector data are from the Brazilian Institute of Geography and Statistics (IBGE, *Instituto Brasileiro de Geografia* e *Estatistica*). Forecasts based on LatinFocus Consensus Forecast.

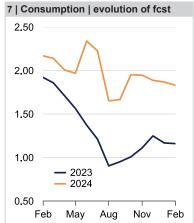
- 1 GDP, real annual variation in %.
- 2 Quarterly GDP (not seasonally adjusted), year-on-year variation in %.
- 3 GDP, evolution of 2023 forecasts during the last 12 months.
- 4 GDP, evolution of 2024 forecasts during the last 12 months.
- 5 GDP, panelist distribution of 2023 forecasts. Concentration of panelists in forecast interval in %.

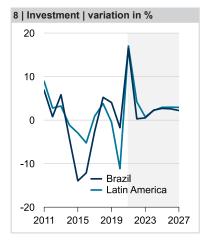
| Real GDP growth in % | | |
|----------------------------------|------------|------------|
| Individual Forecasts | 2023 | 2024 |
| Actinver | 0.9 | 1.9 |
| Allianz | 1.1 | - |
| Banco BV | 1.2 | 1.5 |
| Banco Cooperativo Sicredi | 0.6 | 1.5 1.9 |
| Banco MUFG Brasil S.A. | 0.8 1.0 | 1.9 |
| Barclays Capital BlueLine Asset | 0.5 | 1.5 |
| BNP Paribas | 0.5 | 1.3 |
| BTG Pactual | 0.7 | 0.9 |
| Capital Economics | 1.0 | 1.5 |
| Citigroup Global Mkts | 0.3 | 1.5 |
| Credit Agricole | 0.8 | 1.5 |
| Credit Suisse | 0.7 | 1.7 |
| DekaBank | 0.8 | 1.5 |
| DIW Berlin | 0.9 | 1.6 |
| EIU | 1.0 | 1.6 |
| EmergingMarketWatch | 0.8 | 2.0 |
| Euromonitor Int. | 1.0 | 1.7 |
| Fitch Ratings | 0.7 | 2.0 |
| Fitch Solutions | 1.0 | 2.2 |
| FrontierView | 0.7 | 1.7 |
| Goldman Sachs | 1.2 | 2.2 |
| HSBC | 0.7 | 1.9 |
| Itaú Unibanco | 0.9 | 1.0 |
| JPMorgan | 0.5 | 1.0 |
| Julius Baer | 0.0 | - |
| KBC | 0.9 | 1.7 |
| Kiel Institute | 0.9 | 1.6 |
| Kínitro Capital | 1.2 | 1.0 |
| LCA Consultores | 1.3 | 1.5 |
| MAPFRE Economics | 0.9 | 2.7 |
| MB Associados | 1.0 | 2.2 |
| Moody's Analytics | 8.0 | 2.5 |
| Oxford Economics | 0.4 | 2.4 |
| Pantheon Macroeconomics | 1.0 | 1.6 |
| Petros | 1.2 | 1.0 |
| Pezco Economics | 1.5 | 1.5 |
| Prometeia | 0.8 | 1.6 |
| Rabobank | 0.6 | 2.0 |
| S&P Global Ratings | 0.5 | 2.0 |
| Santander | 0.8 | 0.5 1.7 |
| Scotiabank SEB | 0.8 | 2.0 |
| Société Générale | 0.8 1.2 | 1.8 |
| Standard Chartered | 1.1 | 2.1 |
| TD Securities | 0.5 | 2.0 |
| Tendências Consultoria Integrada | 0.9 | 1.6 |
| Torino Capital | 0.5 | 1.0 |
| UBS | 0.7 | 1.8 |
| Others (3)** | 0.6 | 1.8 |
| Public Forecasts | 0.0 | 1.0 |
| IMF | 1.2 | 1.5 |
| World Bank | 0.8 | 2.0 |
| Others (2)** | 1.1 | 1.4 |
| Summary | | |
| Minimum | 0.0 | 0.5 |
| Maximum | 1.5 | 2.7 |
| Median | 0.8 | 1.7 |
| Consensus | 0.8 | 1.7 |
| History | | |
| 30 days ago | 0.8 | 1.7 |
| 60 days ago | 0.9 | 1.8 |
| 90 days ago | 0.8 | 1.8 |
| | | |

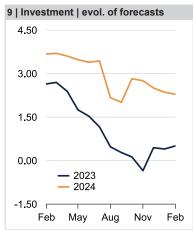
Real Sector | Additional Forecasts

| | Consumption | | Investme | |
|----------------------------------|--------------|------|--------------|------|
| | variation in | n % | variation in | า % |
| Individual Forecasts | 2023 | 2024 | 2023 | 2024 |
| 4E Consultoria | 0.6 | 1.2 | 0.5 | 2.1 |
| Banco BV | 1.6 | 2.0 | 2.8 | 3.0 |
| Banco MUFG Brasil S.A. | 8.0 | 1.7 | 0.2 | 5.0 |
| Barclays Capital | 1.1 | 2.1 | 0.2 | 2.7 |
| BlueLine Asset | 0.5 | - | -2.0 | |
| BTG Pactual | 0.6 | 1.9 | -1.3 | 1.6 |
| Capital Economics | 2.5 | 1.4 | 2.7 | 1.4 |
| Citigroup Global Mkts | 0.5 | 1.8 | 0.1 | 3.0 |
| Credicorp Capital | 1.2 | 1.5 | 2.1 | 2.3 |
| Credit Suisse | 1.8 | 1.9 | -1.5 | 2.7 |
| EIU | 1.7 | 1.8 | 1.0 | 2.5 |
| Euromonitor Int. | 1.4 | 1.7 | - | |
| Fitch Solutions | 1.5 | 3.0 | 0.8 | 1.3 |
| FrontierView | 1.0 | 1.5 | - | |
| Goldman Sachs | 2.0 | 2.5 | 3.2 | 2.9 |
| HSBC | 0.7 | 1.6 | 1.4 | 2. |
| LCA Consultores | 0.9 | 1.3 | -1.2 | 0.7 |
| MAPFRE Economics | -0.2 | 2.6 | 0.5 | 2.0 |
| MB Associados | 1.5 | 2.1 | 1.1 | 3. |
| Oxford Economics | 0.8 | 2.1 | 1.4 | 2.0 |
| Pezco Economics | 2.1 | 2.1 | 1.1 | 1.0 |
| Rabobank | 0.5 | 1.7 | 0.2 | 3.3 |
| S&P Global Ratings | 0.5 | 2.2 | - | |
| Société Générale | 1.5 | 1.7 | 1.1 | 1. |
| Tendências Consultoria Integrada | 1.2 | 1.5 | -1.0 | 2.: |
| Torino Capital | 1.0 | - | 0.7 | |
| UBS | 1.3 | 1.6 | -4.8 | -0. |
| Public Forecasts | | | | |
| OECD | 1.8 | 1.1 | 3.3 | 3.2 |
| Summary | | | | |
| Minimum | -0.2 | 1.1 | -4.8 | -0. |
| Maximum | 2.5 | 3.0 | 3.3 | 5.0 |
| Median | 1.2 | 1.8 | 0.7 | 2.5 |
| Consensus | 1.2 | 1.8 | 0.5 | 2.3 |
| History | | | | |
| 30 days ago | 1.2 | 1.9 | 0.4 | 2.4 |
| 60 days ago | 1.2 | 1.9 | 0.4 | 2.5 |
| 90 days ago | 1.1 | 1.9 | -0.3 | 2.8 |









Notes and sources

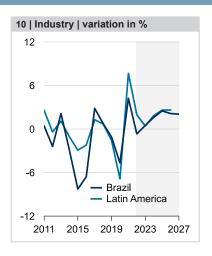
Long-term chart period from 2011 to 2027 unless otherwise stated. The Latin America regional aggregate excludes Venezuela. All real sector data are from the Brazilian Institute of Geography and Statistics (IBGE, *Instituto Brasileiro de Geografia e Estatistica*). Forecasts based on LatinFocus Consensus Forecast.

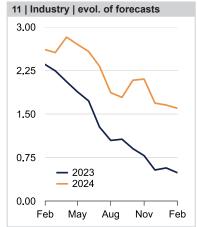
- 6 Private consumption, annual variation in %.
- 7 Private consumption, evolution of 2023 and 2024 forecasts during the last 12 months.
- 8 Gross fixed investment, annual variation in %.
- Gross fixed investment, evolution of 2023 and 2024 forecasts during the last 12 months.

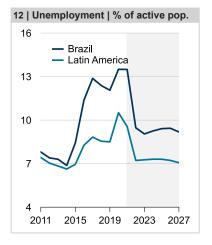
^{*} Forecasts are not in the Consensus and are shown for illustrative purposes only.

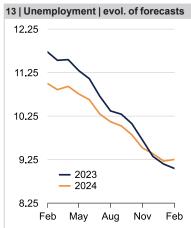
Real Sector | Additional forecasts

| | Industry | , | Unemployn | nent |
|----------------------------------|-------------|------|-------------|------|
| | variation i | , | % of active | |
| Individual Forecasts | 2023 | 2024 | 2023 | 2024 |
| 4E Consultoria | -0.6 | 3.0 | 8.9 | 9.8 |
| Banco BV | - | - | 9.1 | 9.3 |
| Banco MUFG Brasil S.A. | 0.3 | 2.0 | 9.3 | |
| Barclays Capital | -1.1 | -4.7 | - | |
| BlueLine Asset | 0.5 | 2.5 | 9.7 | 10.2 |
| BTG Pactual | - | - | 8.2 | 8.3 |
| Capital Economics | 2.5 | 1.0 | 8.0 | 8.8 |
| Citigroup Global Mkts | - | - | 9.0 | 8.8 |
| Credicorp Capital | - | - | 8.9 | 9.1 |
| Credit Suisse | - | - | 9.5 | 9.3 |
| DIW Berlin | - | - | 9.0 | 9.1 |
| EIU | 2.0 | 2.0 | - | |
| Euromonitor Int. | 0.6 | 1.7 | 9.9 | 10.7 |
| Fitch Ratings | - | - | 9.2 | 9.0 |
| Fitch Solutions | - | - | 8.8 | 9.9 |
| FrontierView | 1.1 | 2.5 | 10.7 | 10. |
| HSBC | 1.0 | 2.7 | 8.7 | 8.8 |
| Itaú Unibanco | - | - | 8.4 | 8.6 |
| Kínitro Capital | - | - | 8.5 | 9.0 |
| LCA Consultores | -0.2 | 1.4 | 9.3 | 9.2 |
| MB Associados | -0.9 | 1.5 | 8.3 | 9. |
| Moody's Analytics | -0.1 | 1.4 | - | |
| Oxford Economics | 3.0 | 3.6 | 8.9 | 8.8 |
| Petros | - | - | 8.6 | 9.0 |
| Pezco Economics | 0.9 | 0.7 | 9.0 | 9.6 |
| Rabobank | -2.4 | 0.7 | 10.2 | 9.9 |
| S&P Global Ratings | - | - | 9.6 | 9.3 |
| Santander | - | - | 10.0 | 10. |
| Société Générale | - | - | 8.2 | 7.9 |
| Tendências Consultoria Integrada | 0.7 | 3.6 | 8.3 | 8.8 |
| UBS | 1.0 | 1.5 | - | |
| Summary | | | | |
| Minimum | -2.4 | -4.7 | 8.0 | 7.9 |
| Maximum | 3.0 | 3.6 | 10.7 | 10.7 |
| Median | 0.6 | 1.7 | 9.0 | 9.1 |
| Consensus | 0.5 | 1.6 | 9.0 | 9.3 |
| History | | | | |
| 30 days ago | 0.6 | 1.7 | 9.1 | 9.2 |
| 60 days ago | 0.5 | 1.7 | 9.3 | 9.4 |
| 90 days ago | 0.8 | 2.1 | 9.7 | 9.5 |









Notes and sources

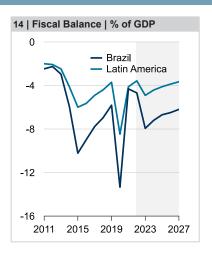
Long-term chart period from 2011 to 2027 unless otherwise stated. The Latin America regional aggregate excludes Venezuela. All real sector data are from the Brazilian Institute of Geography and Statistics (IBGE, *Instituto Brasileiro de Geografia e Estatistica*). Forecasts based on LatinFocus Consensus Forecast.

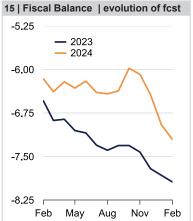
- 10 Industrial production, annual variation in %.
- 11 Industrial production, evolution of 2023 and 2024 forecasts during the last 12 months.
- **12** Unemployment, % of active population.
- 13 Unemployment, evolution of 2023 and 2024 forecasts during the last 12 months.

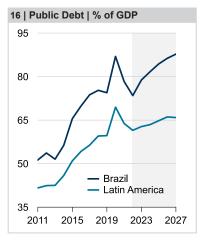
^{*} Forecasts are not in the Consensus and are shown for illustrative purposes only.

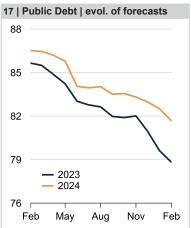
Real Sector | Additional forecasts

| | Fiscal Bala | | Public De | |
|----------------------------------|-------------|--------------|-----------|------|
| to di il to al Esperante | % of GD | | % of GDI | |
| Individual Forecasts | 2023 | 2024 | 2023 | 2024 |
| 4E Consultoria | - | - | 80.6 | 83.7 |
| Banco BV | -7.5 | -6.6 | 77.8 | 80.4 |
| Banco MUFG Brasil S.A. | - | - | 77.6 | 80.3 |
| Barclays Capital | -7.2 | -7.2 | 76.7 | 79.2 |
| BlueLine Asset | -7.1 | -6.2 | 79.5 | 80.8 |
| BNP Paribas | -8.7 | -6.6 | 83.0 | 85.0 |
| BTG Pactual | - | - | 78.2 | 82.4 |
| Capital Economics | -8.8 | -7.5 | 78.0 | 81.5 |
| Citigroup Global Mkts | -8.8 | -7.6 | 81.0 | 84.8 |
| Credicorp Capital | -7.7 | -6.4 | 80.4 | 81.5 |
| Credit Suisse | - | - | 81.5 | 80. |
| DekaBank | -8.0 | -8.3 | - | 24.6 |
| EIU | -8.0 | -8.3 | 78.5 | 81.3 |
| Euromonitor Int. | -7.5 | - | - | 20.4 |
| Fitch Ratings | -7.5 | -6.4 | 77.8 | 80.0 |
| Fitch Solutions | -7.2 | -6.6 | 77.3 | 81. |
| Goldman Sachs | -8.8 | - 7.7 | 78.5 | 81.0 |
| HSBC | -8.0 | -5.9 | 83.8 | 84.9 |
| Itaú Unibanco | - | | 77.8 | 80.4 |
| JPMorgan | -8.0 | -7.5 | | |
| LCA Consultores | -9.8 | - 7.8 | 77.9 | 83.0 |
| MAPFRE Economics | -7.7 | -7.4 | - | |
| MB Associados | -7.0 | -5.0 | 78.8 | 80.5 |
| Moody's Analytics | - | | 76.9 | 83.2 |
| Oxford Economics | -9.0 | -7.7 | 78.6 | 81.4 |
| Petros | - | - | 78.0 | 81.7 |
| Pezco Economics | -9.1 | - 9.8 | 79.9 | 84.3 |
| Rabobank | -7.4 | -7.8 | 78.3 | 79.6 |
| Santander | -8.5 | -8.3 | 80.2 | 83.5 |
| Société Générale | -6.6 | -6.1 | 80.1 | 81.0 |
| TD Securities | -7.5 | -6.5 | - | |
| Tendências Consultoria Integrada | -8.0 | -8.0 | 76.5 | 80. |
| Torino Capital | -7.5 | - | 74.4 | |
| UBS | -7.6 | -7.0 | 78.1 | 80.0 |
| Summary | | | | |
| Minimum | -9.8 | - 9.8 | 74.4 | 79.2 |
| Maximum | -6.6 | - 5.0 | 83.8 | 85.0 |
| Median | -7.7 | -7.4 | 78.3 | 81.2 |
| Consensus | -7.9 | -7.2 | 78.8 | 81.7 |
| History | | | | |
| 30 days ago | -7.8 | -7.0 | 79.6 | 82.5 |
| 60 days ago | -7.7 | -6.4 | 81.0 | 83.0 |
| 90 days ago | -7.4 | -6.1 | 82.0 | 83.3 |









Notes and sources

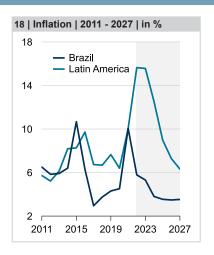
Long-term chart period from 2011 to 2027 unless otherwise stated. The Latin America regional aggregate excludes Venezuela. All real sector data are from the Central Bank (BCB, *Banco Central do Brasil*). Forecasts based on LatinFocus Consensus Forecast.

- 14 Fiscal balance as % of GDP.
- 15 Fiscal balance as % of GDP, evolution of 2023 and 2024 forecasts during the last 12 months.
- 16 Public debt as % of GDP.
- 17 Public debt as % of GDP evolution of 2023 and 2024 forecasts during the last 12 months.

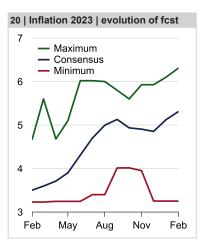
^{*} Forecasts are not in the Consensus and are shown for illustrative purposes only.

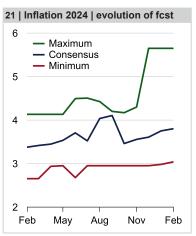
Monetary Sector | Inflation

| | Consumer P | rices | Consumer P | rices |
|------------------------------------|----------------|------------|----------------|---------|
| | variation in % | ∕₀, eop | variation in % | ∕₀, aop |
| Individual Forecasts | 2023 | 2024 | 2023 | 2024 |
| Actinver | 5.1 | 3.6 | 5.2 | 3.4 |
| Allianz | | - | 4.8 | |
| Banco BV | 5.5 | 4.0 | | |
| Banco Cooperativo Sicredi | 6.0 | 3.5 | 5.3 | 4.2 |
| Banco MUFG Brasil S.A. | 5.4 | 3.5 | 4.9 | 4.0 |
| Barclays Capital | 5.7 | 3.7 | 5.1 | 4.5 |
| BlueLine Asset | 5.8 | 4.0 | 5.3 | 4.5 |
| BNP Paribas | - | - | 5.4 | 4.9 |
| BTG Pactual | 6.1 | 4.0 | - | |
| Capital Economics | 6.0 | 4.1 | 5.3 | 4.8 |
| Citigroup Global Mkts | 4.5 | 3.0 | 4.2 | 3.6 |
| Credicorp Capital | 4.9 | 4.5 | 4.9 | 4.6 |
| Credit Agricole | 4.5 | 3.5 | - | |
| Credit Suisse | 5.8 | 4.0 | 5.0 | 4.8 |
| DekaBank DIM Bartin | - | - | 5.0 | 4.0 |
| DIW Berlin | - | - | 4.8 | 4.3 |
| EIU | 5.4 | 3.5 | 5.0 | 4.0 |
| EmergingMarketWatch | 4.5 | - | - | |
| Euromonitor Int. | - | - | 5.0 | 4.8 |
| Fitch Ratings | - | - | 5.6 | 4.3 |
| Fitch Solutions | 5.3 | 3.8 | 4.9 | 4.3 |
| FrontierView | - | - | 6.0 | 3.6 |
| Goldman Sachs | 5.8 | 4.0 | 4.5 | 4.6 |
| HSBC | 5.1 | 3.9 | 4.8 | 4.2 |
| Itaú Unibanco | 5.8 | 3.7 | - | 4.0 |
| JPMorgan | 5.6 | 3.5 | 4.8 | 4.2 |
| Julius Baer | - | - | 4.1 | |
| KBC | - | - | 4.5 | 4.1 |
| Kiel Institute | | | 4.7 | 4.1 |
| Kínitro Capital | 6.1 5.5 | 4.2 | - | 4.4 |
| LCA Consultores MAPFRE Economics | 5.5 4.9 | 3.6 | 5.0 5.3 | 4.2 |
| | 6.0 | 3.9 3.2 | 5.5 | |
| MB Associados | 4.6 | 3.2 4.1 | 4.1 | 4.3 |
| Moody's Analytics Oxford Economics | 5.2 | 3.9 | 5.1 | 4.3 |
| Pantheon Macroeconomics | 5.2 | 3.9 | 5.1 | 4.2 |
| Petros | 6.3 | 4.0 | 5.5 | 4.8 |
| Pezco Economics | 5.8 | 4.0 5.7 | 5.5 | 4.0 |
| Prometeia | 5.0 | 5.7 | 5.0 | 4.6 |
| Rabobank | 5.4 | 3.2 | 5.1 | 3.8 |
| S&P Global Ratings | 4.9 | 3.7 | 4.3 | 4.2 |
| Santander | 5.4 | 3.5 | 4.5 | 4.2 |
| Scotiabank | 5.0 | 3.6 | 5.6 | 4.2 |
| Société Générale | 3.0 | 3.0 | 4.4 | 4.2 |
| Standard Chartered | - | - | 5.2 | 3.6 |
| TD Securities | 5.3 | 3.6 | - | 3.0 |
| Tendências Consultoria Integrada | 5.0 | 4.4 | | |
| Torino Capital | 3.3 | 7.7 | 3.4 | |
| UBS | 4.5 | 3.5 | 4.4 | 3.8 |
| Others (2)** | 5.0 | 3.3 | 4.7 | 3.6 |
| Summary | 0.0 | 0.0 | 7.1 | 0.0 |
| Minimum | 3.3 | 3.0 | 3.4 | 3.4 |
| Maximum | 6.3 | 5.7 | 6.0 | 4.9 |
| Median | 5.4 | 3.7 | 5.0 | 4.2 |
| Consensus | 5.3 | 3.8 | 4.9 | 4.2 |
| History | 0.0 | 3.0 | 7.0 | 7.2 |
| 30 days ago | 5.1 | 3.8 | 4.7 | 4.2 |
| 60 days ago | 4.9 | 3.6 | 5.0 | 4.1 |
| 90 days ago | 4.9 | 3.6 | 5.1 | 4.0 |

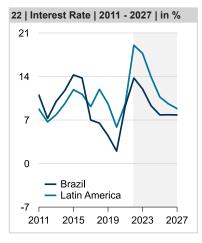


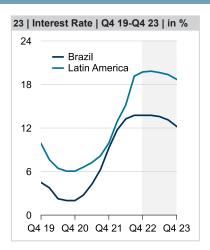


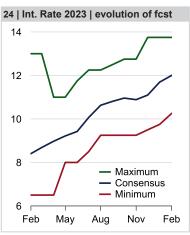


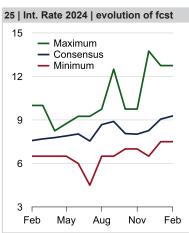


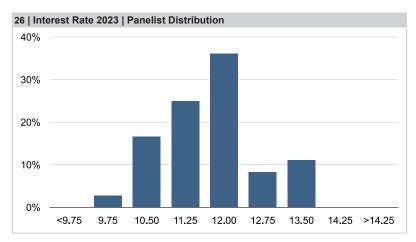
Monetary Sector | Interest Rate











Interest Rate | Policy Rate **Individual Forecasts** 2023 2024 4E Consultoria 11.00 8.50 Actinver 10.50 8.00 Banco BV 12.00 9.00 Banco Cooperativo Sicredi 12.50 10.50 Banco MUFG Brasil S.A. 11.75 7.75 **Barclays Capital** 12.50 10.50 BlueLine Asset 13.00 10.00 **BTG Pactual** 13.75 11.25 Capital Economics 10.00 12.75 Citigroup Global Mkts 10.50 8.00 Credicorp Capital 11.00 9.75 Credit Agricole 11.50 9.50 Credit Suisse 13.75 11.50 EIU 11.50 9.50 **Fitch Solutions** 12.00 9.00 Goldman Sachs 11.50 8.50 **HSBC** 11.75 8.50 Itaú Unibanco 12.50 10.00 JPMorgan 12.75 **KBC** 12.50 Kínitro Capital 13.75 10.75 LCA Consultores 12.50 8.50 MB Associados 12.25 9.00 Oxford Economics 12.25 8.25 Pantheon Macroeconomics 11.75 8.00 Petros 10.25 8 50 Pezco Economics 13.75 12.75 Rabobank 12.50 8.75 S&P Global Ratings 10.75 7.50 Santander 12.00 9.00 Scotiabank 11.75 8.50 Société Générale 11.00 **TD Securities** 8.00 11.25 Tendências Consultoria Integrada 12.00 10.50 Torino Capital 12.00 **UBS** 11.25 9.00 **Summary** Minimum 10.25 7.50 Maximum 13.75 12.75 Median 12.00 9.00 Consensus 12.00 9.27 History 30 days ago 11.69 9.06 60 days ago 11.10 8.27 90 days ago 10.89 8.02

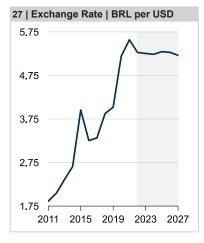
Notes and sources

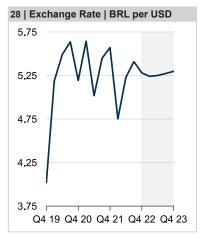
- * Forecasts are not in the Consensus and are shown for illustrative purposes only.
- ** Others refers to the Consensus Forecast additional panelists who are not shown in the FocusEconomics Consensus Forecast Brazil report due to space constraints. A full panelist breakdown is available in the report's accompanying Excel file.

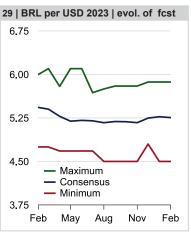
Long-term chart period from 2011 to 2027 unless otherwise stated. The Latin America regional aggregate excludes Venezuela. All monetary sector data are from the Central Bank (BCB, *Banco Central do Brasil*). Forecasts are based on LatinFocus Consensus Forecast.

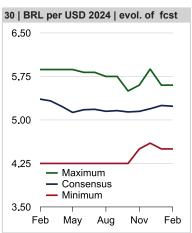
- 18 Inflation, annual variation of consumer price index (CPI) in % (eop).
- 19 Quarterly inflation, annual variation of consumer price index (CPI) in % (eop).
- 20 Inflation, evolution of 2023 forecasts during the last 12 months.
- 21 Inflation, evolution of 2024 forecasts during the last 12 months.
- 22 Interest rate, SELIC rate in % (eop).
- 23 Quarterly interest rate, SELIC rate in % (eop).
- 24 Interest rate, evolution of 2023 forecasts during the last 12 months.
- 25 Interest rate, evolution of 2024 forecasts during the last 12 months.
- 26 Interest rate, panelist distribution of 2023 forecasts. Concentration of panelists in forecast interval in %.

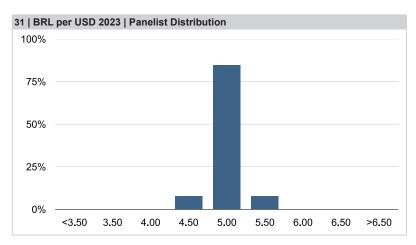
Monetary Sector | Exchange Rate











| Individual Forecasts | 2023 | 2024 |
|----------------------------------|------|------|
| 4E Consultoria | 5.00 | 4.90 |
| Actinver | 5.25 | 5.14 |
| Banco BV | 5.40 | 5.40 |
| Banco Cooperativo Sicredi | | 5.40 |
| • | 5.35 | |
| Banco MUFG Brasil S.A. | 5.40 | 5.50 |
| Barclays Capital | 5.00 | 5.00 |
| BlueLine Asset | 5.30 | 5.40 |
| BTG Pactual | 5.30 | 5.40 |
| Capital Economics | 5.25 | 5.00 |
| Citigroup Global Mkts | 5.29 | 5.25 |
| Credicorp Capital | 5.30 | 5.22 |
| Credit Agricole | 5.50 | 5.50 |
| Credit Suisse | 5.40 | 5.40 |
| EIU | 5.18 | 5.18 |
| Fitch Ratings | 5.25 | 5.25 |
| Fitch Solutions | 5.25 | 5.10 |
| HSBC | 4.50 | 4.50 |
| Itaú Unibanco | 5.50 | 5.60 |
| JPMorgan | 5.30 | - |
| Julius Baer | 5.00 | - |
| KBC | 5.15 | - |
| Kínitro Capital | 5.31 | 5.35 |
| LCA Consultores | 5.10 | 5.13 |
| MAPFRE Economics | 5.35 | 5.41 |
| MB Associados | 5.20 | 4.96 |
| Moody's Analytics | 5.29 | 5.36 |
| Oxford Economics | 5.34 | 5.39 |
| Petros | 5.30 | 5.40 |
| Pezco Economics | 5.46 | 5.60 |
| Rabobank | 5.30 | 4.90 |
| S&P Global Ratings | 5.20 | 5.25 |
| Santander | 5.40 | 5.50 |
| Scotiabank | 5.38 | 5.23 |
| Société Générale | 5.87 | 0.20 |
| Standard Chartered | 4.90 | 4.90 |
| TD Securities | 4.85 | |
| | | 4.60 |
| Tendências Consultoria Integrada | 5.25 | 5.44 |
| Torino Capital | 5.22 | |
| UBS | 5.40 | 5.50 |
| Summary | | |
| Minimum | 4.50 | 4.50 |
| Maximum | 5.87 | 5.60 |
| Median | 5.30 | 5.30 |
| Consensus | 5.26 | 5.24 |
| History | | |
| 30 days ago | 5.27 | 5.25 |
| 60 days ago | 5.25 | 5.19 |
| 90 days ago | 5.17 | 5.15 |
| = | | |

Notes and sources

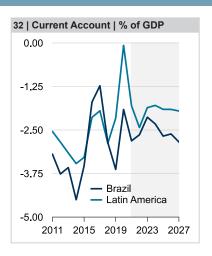
Long-term chart period from 2011 to 2027 unless otherwise stated. The Latin America regional aggregate excludes Venezuela. All monetary sector data are from Refinitiv. Forecasts based on LatinFocus Consensus Forecast.

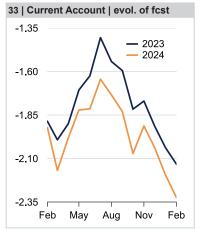
- 27 Exchange rate, BRL per USD (eop).
- 28 Quarterly exchange rate, BRL per USD (eop).
- **29** Exchange rate, evolution of 2023 forecasts during the last 12 months.
- 30 Exchange rate, evolution of 2024 forecasts during the last 12 months.
- 31 Exchange rate, panelist distribution of 2023 forecasts. Concentration of panelists in forecast interval in %.

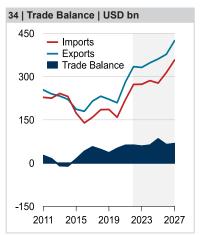
^{*} Forecasts are not in the Consensus and are shown for illustrative purposes only.

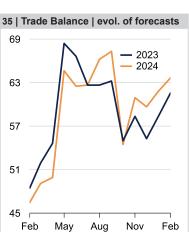
External Sector | Current Account and Trade Balance

| | Current Acc | | Trade Bala USD bn | |
|----------------------------------|-------------|------|----------------------|--------|
| Individual Forecasts | % OI GDI | 2024 | 2023 | 2024 |
| 4E Consultoria | -1.9 | -1.9 | | - |
| Banco BV | -2.4 | -2.0 | 67.7 | 66.5 |
| Banco MUFG Brasil S.A. | -2.2 | | 60.0 | 60.0 |
| Barclays Capital | -2.8 | -2.3 | - | - |
| BlueLine Asset | -2.2 | -2.0 | 56.0 | 53.9 |
| BNP Paribas | -2.3 | -2.0 | - | - |
| BTG Pactual | -2.2 | -2.1 | _ | |
| Capital Economics | -2.5 | -2.5 | _ | |
| Citigroup Global Mkts | -2.2 | -2.1 | _ | _ |
| Credicorp Capital | -1.7 | -1.9 | _ | _ |
| Credit Agricole | -1.5 | -1.6 | _ | _ |
| Credit Suisse | -2.1 | -2.2 | _ | _ |
| DekaBank | -3.0 | -3.4 | - | _ |
| EIU | -3.0 | -3.4 | _ | |
| Euromonitor Int. | -3.2 | -3.2 | 61.7 | 63.6 |
| Fitch Ratings | -2.4 | -2.4 | - | 00.0 |
| Fitch Solutions | -2.2 | -2.5 | | |
| Goldman Sachs | -2.5 | -2.4 | _ | |
| HSBC | -2.1 | -2.0 | _ | _ |
| Itaú Unibanco | -2.3 | -2.0 | 61.0 | 67.9 |
| JPMorgan | -2.4 | -2.3 | - | - |
| Kínitro Capital | -2.5 | -2.0 | _ | _ |
| LCA Consultores | -2.9 | -3.1 | 61.6 | 68.7 |
| MAPFRE Economics | -2.8 | -3.4 | - | 00.7 |
| MB Associados | -3.3 | -3.0 | 65.8 | 68.8 |
| Moody's Analytics | 2.9 | -2.1 | - | - 00.0 |
| Oxford Economics | -2.4 | -3.5 | | |
| Pezco Economics | -3.0 | -2.9 | 60.0 | 61.9 |
| Rabobank | -2.2 | -2.0 | 53.2 | 50.0 |
| Société Générale | -2.1 | -2.4 | - | 50.0 |
| Standard Chartered | -1.2 | -1.0 | _ | - |
| TD Securities | -2.2 | -1.6 | _ | _ |
| Tendências Consultoria Integrada | -2.5 | -2.4 | 58.0 | 52.4 |
| Torino Capital | -0.6 | 2.7 | - | 02.7 |
| UBS | -1.5 | -2.0 | 71.9 | 86.3 |
| Public Forecasts | -1.0 | -2.0 | 7 1.5 | 00.0 |
| OECD | -1.4 | -1.4 | _ | - |
| Summary | 17 | 17 | | |
| Minimum | -3.3 | -3.5 | 53.2 | 50.0 |
| Maximum | 2.9 | -1.0 | 71.9 | 86.3 |
| Median | -2.3 | -2.2 | 61.0 | 63.6 |
| Consensus | -2.1 | -2.3 | 61.5 | 63.6 |
| History | | | 3 110 | |
| 30 days ago | -2.0 | -2.2 | 58.4 | 61.8 |
| | | | | |
| 60 days ago | -1.9 | -2.0 | 55.3 | 59.7 |









Notes and sources

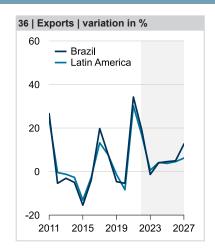
Long-term chart period from 2011 to 2027 unless otherwise stated. The Latin America regional aggregate excludes Venezuela. All external sector data are from from the Central Bank (BCB, *Banco Central do Brasil*) and the Ministry of Development, Industry and Foreign Trade (MDIC, *Ministerio do Desenvolvimento, Industria e Comercio Exterior*). See below for details. Forecasts based on LatinFocus Consensus Forecast.

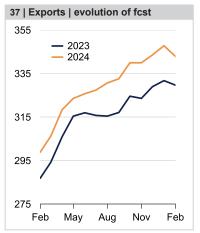
- 32 Current account balance, as % of GDP. Source: BCB.
- 33 Current account balance, evolution of 2023 and 2024 forecasts during the last 12 months.
- 34 Trade balance, exports and imports, in USD. Source: MDIC.
- 35 Trade balance, evolution of 2023 and 2024 forecasts during the last 12 months.

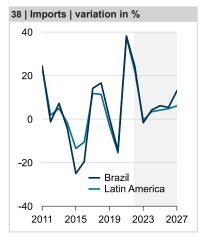
^{*} Forecasts are not in the Consensus and are shown for illustrative purposes only.

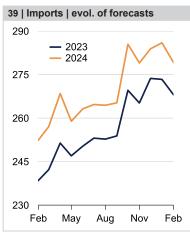
External Sector | Exports and Imports

| Exports and Imports | | | | | |
|----------------------------------|-------------------|------|-------------------|------|--|
| | Exports USD bn | | Imports USD bn | | |
| Individual Forecasts | 2023 | 2024 | 2023 | 2024 | |
| Banco BV | 331 | 351 | 263 | 284 | |
| Banco MUFG Brasil S.A. | 305 | 325 | 245 | 265 | |
| BlueLine Asset | 320 | 339 | 264 | 286 | |
| Euromonitor Int. | 348 | 383 | 287 | 319 | |
| Itaú Unibanco | 319 | 331 | 258 | 263 | |
| LCA Consultores | 305 | 322 | 244 | 253 | |
| MB Associados | 366 | 399 | 300 | 330 | |
| Pezco Economics | 347 | 366 | 287 | 304 | |
| Rabobank | 335 | 290 | 281 | 240 | |
| Tendências Consultoria Integrada | 309 | 308 | 251 | 255 | |
| UBS | 341 | 358 | 269 | 271 | |
| Summary | | | | | |
| Minimum | 305 | 290 | 244 | 240 | |
| Maximum | 366 | 399 | 300 | 330 | |
| Median | 331 | 339 | 264 | 271 | |
| Consensus | 330 | 343 | 268 | 279 | |
| History | | | | | |
| 30 days ago | 332 | 348 | 273 | 286 | |
| 60 days ago | 329 | 344 | 274 | 284 | |
| 90 days ago | 324 | 340 | 265 | 279 | |
| | | | | | |









Notes and sources

Long-term chart period from 2011 to 2027 unless otherwise stated. The Latin America regional aggregate excludes Venezuela. All external sector data are from from the Ministry of Development, Industry and Foreign Trade (MDIC, Ministerio do Desenvolvimento, Industria e Comercio Exterior). Forecasts based on LatinFocus Consensus Forecast.

36 Exports, annual variation in %.

37 Exports, evolution of 2023 and 2024 forecasts during the last 12 months.

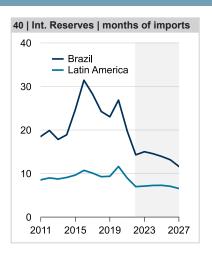
38 Imports, annual variation in %.

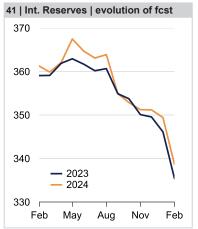
39 Imports, evolution of 2023 and 2024 forecasts during the last 12 months.

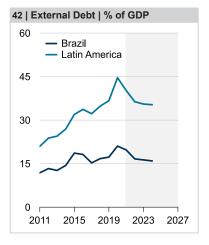
^{*} Forecasts are not in the Consensus and are shown for illustrative purposes only.

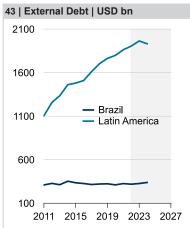
External Sector | Additional forecasts

| | International R | eserves | External D | ebt | |
|----------------------------------|-----------------|---------|------------|-----|--|
| | USD bn | | USD bn | n | |
| Individual Forecasts | 2023 | 2024 | 2023 | 202 | |
| 4E Consultoria | 364 | 365 | - | | |
| Banco BV | 325 | 325 | - | | |
| Barclays Capital | 328 | 334 | - | | |
| BlueLine Asset | 330 | 330 | - | | |
| BNP Paribas | 335 | 340 | - | | |
| BTG Pactual | 330 | 330 | - | | |
| Citigroup Global Mkts | 332 | 332 | 319 | | |
| Credicorp Capital | 359 | 356 | - | | |
| Credit Suisse | 362 | 362 | - | | |
| Euromonitor Int. | 347 | 375 | - | | |
| Fitch Ratings | 336 | 336 | - | | |
| Fitch Solutions | 332 | 343 | - | | |
| Goldman Sachs | 335 | 340 | - | | |
| HSBC | - | - | 338 | 35 | |
| LCA Consultores | 333 | 341 | 326 | 33 | |
| MB Associados | 334 | 349 | 320 | 33 | |
| Moody's Analytics | 319 | 333 | - | | |
| Oxford Economics | 326 | 333 | - | | |
| Pezco Economics | 298 | 271 | - | | |
| Rabobank | 332 | 332 | - | | |
| Tendências Consultoria Integrada | 348 | 361 | - | | |
| Torino Capital | 351 | - | 328 | | |
| UBS | 325 | 325 | - | | |
| Summary | | | | | |
| Minimum | 298 | 271 | 319 | 33 | |
| Maximum | 364 | 375 | 338 | 35 | |
| Median | 333 | 336 | 326 | 33 | |
| Consensus | 335 | 339 | 326 | 33 | |
| History | | | | | |
| 30 days ago | 346 | 349 | 331 | 35 | |
| 60 days ago | 350 | 351 | 330 | 35 | |
| 90 days ago | 350 | 351 | 328 | | |









Notes and sources

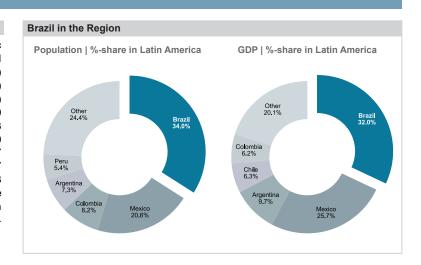
Long-term chart period from 2011 to 2027 unless otherwise stated. The Latin America regional aggregate excludes Venezuela. All external sector data are from from the Central Bank (BCB, *Banco Central do Brasil*). Forecasts based on LatinFocus Consensus Forecast.

- 40 International reserves, months of imports.
- 41 International reserves, evolution of 2023 and 2024 forecasts during the last 12 months.
- 42 External debt as % of GDP.
- 43 External debt, USD billion.

^{*} Forecasts are not in the Consensus and are shown for illustrative purposes only.

Fact Sheet

| General Data | |
|--|------------------------|
| General Data | |
| Official name: | Federative Republic |
| | of Brazil |
| Capital: | Brasilia (4.5m) |
| Other cities: | Sao Paulo (21.7m) |
| | Rio de Janeiro (13.3m) |
| Area (km2): | 8,515,770 |
| Population (million, 2019 est.): | 213 |
| Population density (per km2, 2019): | 25.0 |
| Population growth rate (%, 2019 est.): | 0.7 |
| Life expectancy (years, 2019 est.): | 74.7 |
| Illiteracy rate (%, 2018 est.): | 6.8 |
| Language: | Portuguese |
| Measures: | Metric system |
| Time: | GMT-2 to GMT-4 |
| | |



Economic Infrastructure

Telecommunication (2018)

| Telephones - main lines (per 100 inhabitants): | 18.3 |
|--|------|
| Telephones - mobile cellular (per 100 inhabit.): | 99 |
| Internet Users (per 100 inhabitants): | 70.4 |
| Broadband Subscriptions (per 100 inhabitants): | 14.9 |

Energy (2017)

| 11,221 |
|--------|
| 12,565 |
| 578 |
| 516 |
| 3,363 |
| 3,029 |
| 464 |
| |

Transportation (2018)

| Airports: | 4,093 |
|-----------------|-------------------------------|
| Railways (km): | 29,850 |
| Roadways (km): | 2,000,000 |
| Waterways (km): | 50,000 |
| Chief Ports: | Santos, Belem, Rio de Janeiro |

Political Data

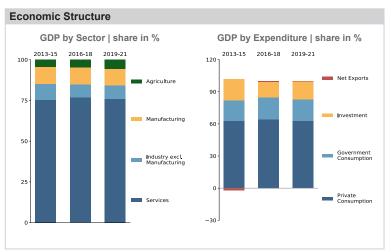
President: Luiz Inácio Lula da Silva Last elections: 2 October 2022 Next elections: 2026 Central Bank President: Roberto Oliveira Campos Neto

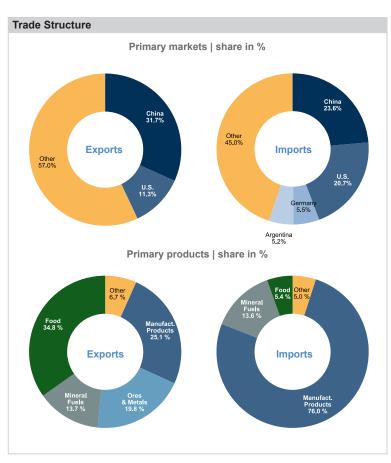
| Long-term Foreign Currency Ratings | | |
|------------------------------------|--------|--|
| Agency | Rating | |
| Moody's: | Ra2 | |

| Agency | Rating | Outlook |
|---------------------|--------|---------|
| Moody's: | Ba2 | Stable |
| S&P Global Ratings: | BB- | Stable |
| Fitch Ratings: | BB- | Stable |

Strengths Weaknesses

- · Commitment to economic orthodoxy
- · Large domestic market and diversified production
- Stable financial system
- Strong foreign direct investment flows bolster capital account
- Pronounced socio-economic inequalities
- Inadequate infrastructure creates bottleneck for economic growth
- · Limited progress on privatization and deregulation





Economic Release Calendar

| Date | Country | Event |
|-------------|-----------|---------------------------------------|
| 13 February | Uruguay | December Industrial Production |
| 14 February | Colombia | December Manufacturing Production |
| 15 February | Argentina | January Consumer Prices |
| | Colombia | Q4 2022 National Accounts |
| | Colombia | December Economic Activity |
| | Ecuador | December Economic Activity |
| | Uruguay | Central Bank Meeting |
| 16 February | Brazil | December Economic Activity |
| 17 February | Peru | Q4 2022 National Accounts |
| | Peru | December Economic Activity |
| 22 February | Argentina | January Merchandise Trade |
| 23 February | Argentina | December Economic Activity |
| 24 February | Brazil | January Balance of Payments |
| 25 February | Brazil | February Consumer Confidence (E) |
| 26 February | Brazil | February Business Confidence (E) |
| 27 February | Mexico | January Merchandise Trade |
| 1 March | Brazil | February S&P Global Manufacturing PMI |
| | Chile | January Economic Activity |
| | Chile | February Business Confidence (E) |
| | Colombia | February Davivienda Manufacturing PMI |
| | Mexico | February IMEF PMI |
| 2 March | Brazil | Q4 2022 National Accounts |
| 3 March | Peru | February Consumer Prices |
| | Uruguay | February Consumer Prices |
| 4 March | Colombia | February Consumer Prices |
| 5 March | Colombia | January Merchandise Trade (E) |
| 6 March | Ecuador | February Consumer Prices |
| 7 March | Colombia | February Consumer Confidence |
| | Mexico | February Consumer Confidence |
| 8 March | Chile | February Consumer Prices |
| 9 March | Argentina | January Industrial Production |
| | Mexico | February Consumer Prices |
| 10 March | Brazil | February Consumer Prices |
| | Peru | Central Bank Meeting |
| | Peru | February Merchandise Trade |

⁽P) Preliminary estimate. (E) Approximate date.

FOCUSECONOMICS February 2023

Notes and Statements

PUBLICATION NOTE

Consensus forecasts are mean averages of projections of economic forecasters surveyed by FocusEconomics for our monthly publication. Quarterly averages may not correspond to the annual figures due to different forecast panels.

The GDP-weighted averages for the regional aggregates and the world refer to economies surveyed by FocusEconomics on a monthly basis. Weights are based on Consensus Forecasts for nominal GDP (USD billion).

The regional aggregates include the following countries:

Latin America (23 countries): Argentina, Belize, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Trinidad and Tobago and Uruguay.

Andean Community (4 countries): Bolivia, Colombia, Ecuador and Peru

Central America and Caribbean (13 countries): Belize, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Nicaragua, Panama, Puerto Rico and Trinidad and Tobago.

Mercosur (4 countries): Argentina, Brazil, Paraguay and Uruguay.

World: 131 countries, comprising around 98% of global output.

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EURO AREA Austria, Belgium, Cyprus, Estonia, Finland, France, Germany, Greece, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Portugal, Slovakia, Slovenia and Spain

NORDIC ECONOMIES Denmark, Finland, Iceland, Norway and Sweden

CENTRAL & EASTERN EUROPE Bulgaria, Croatia, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Romania, Slovakia and Slovenia

CIS PLUS COUNTRIES Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine and Uzbekistan

SOUTH-EASTERN EUROPE Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Greece, Kosovo, North Macedonia, Montenegro, Romania, Serbia and Turkey

EAST & SOUTH ASIA Bangladesh, China, Hong Kong, India, Korea, Mongolia, Pakistan, Sri Lanka, Taiwan, Australia and New Zealand

ASEAN ECONOMIES Brunei, Cambodia, Indonesia, Laos, Malaysia, Myanmar, Philippines, Singapore, Thailand, Vietnam, Australia and New Zealand

LATIN AMERICA Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Mexico, Paraguay, Peru, Uruguay and Venezuela **CENTRAL AMERICA & THE CARIBBEAN** Belize, Costa Rica, Cuba, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Nicaragua, Panama, Puerto Rico and Trinidad and Tobago

MIDDLE EAST & NORTH AFRICA Algeria, Bahrain, Egypt, Iran, Iraq, Israel, Jordan, Kuwait, Lebanon, Morocco, Oman, Qatar, Saudi Arabia, Tunisia, United Arab Emirates and Yemen

SUB-SAHARAN AFRICA Angola, Botswana, Cameroon, Côte d'Ivoire, DR Congo, Ethiopia, Ghana, Kenya, Mozambique, Nigeria, Rwanda, Senegal, South Africa, Tanzania, Uganda, Zambia and Zimbabwe.

REAL SECTOR GDP per capita, Economic Growth, Consumption, Investment, Industrial Production, Unemployment Rate, Fiscal Balance and Public Debt

MONETARY & FINANCIAL SECTOR Money, Inflation Rate, Policy Interest Rate, 10-Year Bond Yield and Exchange Rate **EXTERNAL SECTOR** Current Account, Trade Balance, Exports, Imports, International Reserves and External Debt

PRICE FORECASTS FOR 35 COMMODITIES IN 4 MAIN GROUPS

ENERGY Brent Crude Oil, WTI Crude Oil, Coking Coal, Gasoil (European market), Gasoline (U.S. benchmark), Natural Gas (Europe), Natural Gas (U.S), Thermal Coal and Uranium

BASE METALS Alumina, Aluminium, Cobalt, Copper, Iron Ore, Lead, Molybedenum, Nickel, Steel (European and U.S. markets). Tin and Zinc

PRECIOUS METALS Gold, Silver, Palladium and Platinum

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