



ALTERNATIVES

Spotlight on Brazil

August 9, 2016



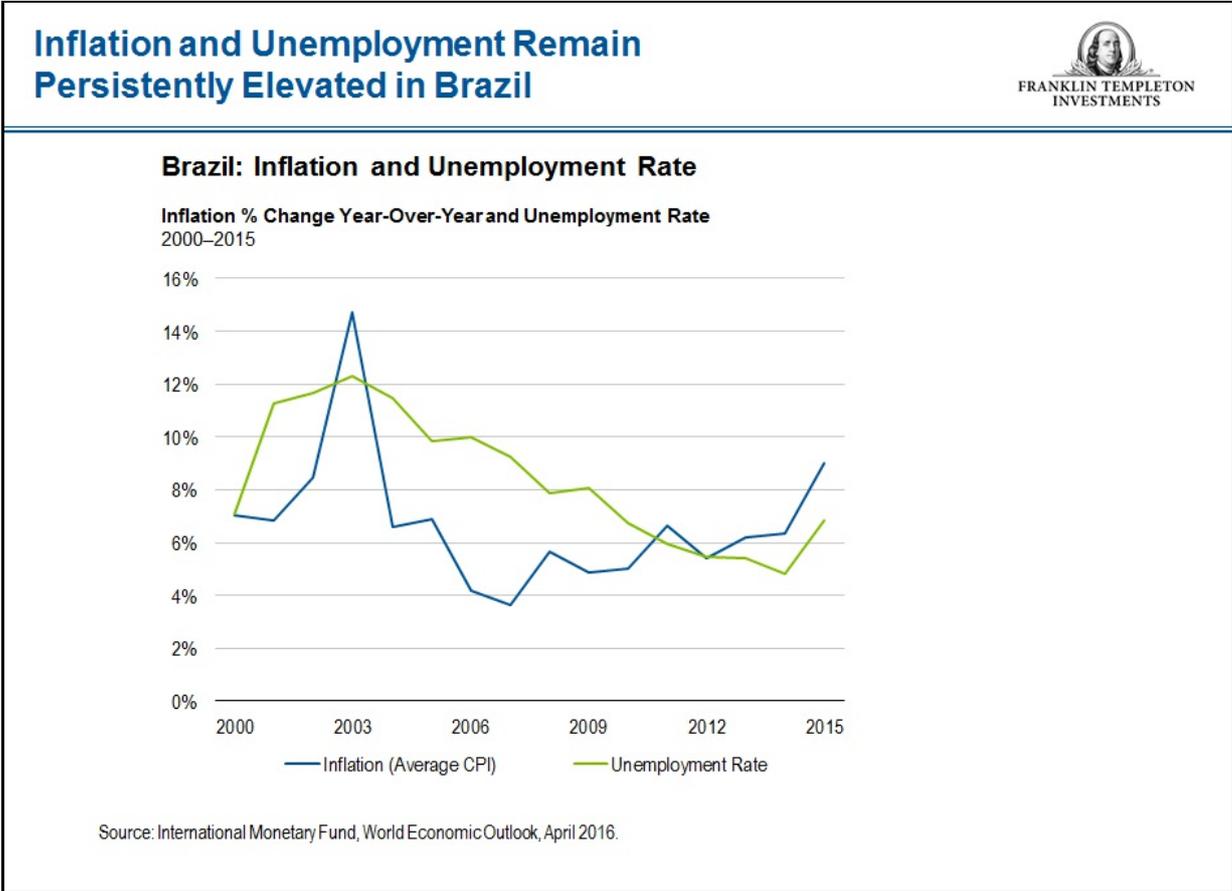
With the 2016 Summer Olympic Games underway, the world has been watching Brazil. While Brazil's economic and political challenges certainly haven't been a secret, Templeton Global Macro CIO Michael Hasenstab sees a potential opportunity for patient investors. He dubs Brazil "a vulnerable market poised for a significant rebound," based on the Global Macro team's assessment.

In the latest edition of "[Global Macro Shifts](#)," the Templeton Global Macro team provides an in-depth evaluation of emerging markets that reminds us how each country handles its political and economic challenges will ultimately determine its viability. Here, Hasenstab presents the team's case study on Brazil.

Brazil's economic situation started deteriorating in 2011, when the commodity "super cycle" turned and commodity prices began to decline. About 60% of Brazil's exports are commodity-based, making the country very exposed to commodity price cycles. At first,

Brazil’s policymakers hoped that the decline in commodity prices would prove temporary; as a consequence, public spending did not adjust to the deceleration in revenue growth, causing the primary fiscal balance to deteriorate. The decline in commodity prices, however, proved protracted, as China’s economy continued to slow and to rebalance away from commodity-intensive investment. By 2014, the deterioration in Brazil’s fiscal accounts accelerated sharply, with the primary fiscal balance plunging into a deep deficit. While the primary fiscal deficit of 2.3% of gross domestic product (GDP) is not high relative to Brazil’s peers, the overall deficit of 9.3% of GDP stands out even among emerging markets.¹

The runup in the fiscal deficit was accompanied for several years by domination in credit expansion of government-subsidized lending, making for a very weak macroeconomic policy framework. This already adverse economic situation was aggravated by the political crisis that came to a boil in 2015, as a corruption scandal undermined the credibility and stability of Dilma Rousseff’s administration and rapidly paralyzed decision-making. Brazil entered into a deep recession. The economy contracted by 3.85% in 2015, and we see it continuing to contract this year. The contraction in GDP has been accompanied by very high unemployment, low consumer confidence and falling real wages.



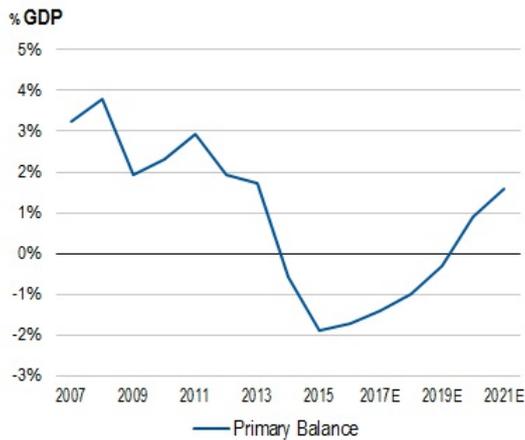
Even in these very adverse circumstances, however, macroeconomic policies have already started to turn around. Monetary policy has been tightened aggressively even in the face of a deep recession, to bring inflation expectations back under control. This policy should eventually start reducing inflation and inflation expectations; fiscal policy is being tightened, and the International Monetary Fund (IMF) projects an improvement in the primary fiscal balance in the years ahead. And as the following charts show, credit expansion has been on a downward trend for a while already.

Policy Adjustments Have Already Had Positive Effects on the Fiscal Balance and Inflation



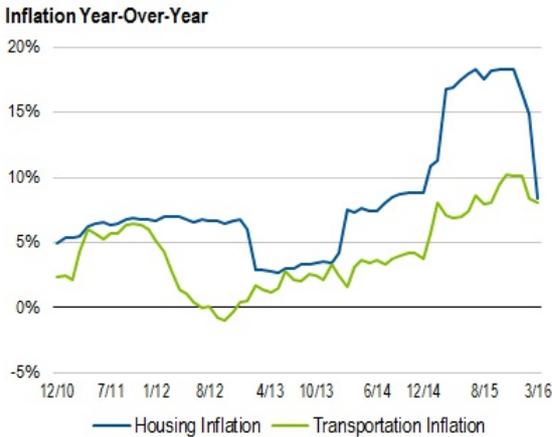
Brazil: Primary Balance Projections

2007–2021 Estimate (E)



Brazil: Inflation by Sector

December 2010–March 2016



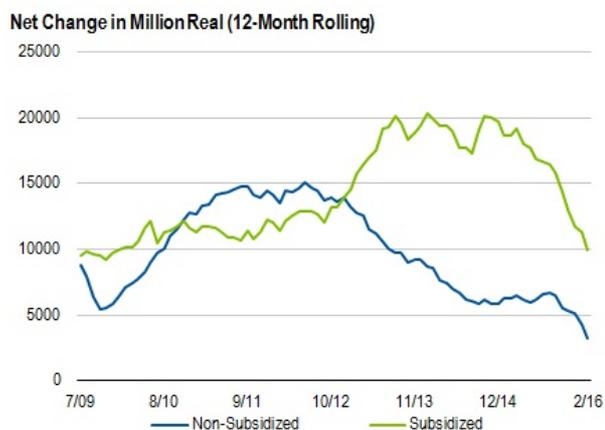
Sources: International Monetary Fund Fiscal Monitor, April 2016; Central Bank of Brazil. There is no assurance that any projection, estimate or forecast will be realized.

Credit Expansion Has Slowed Sharply



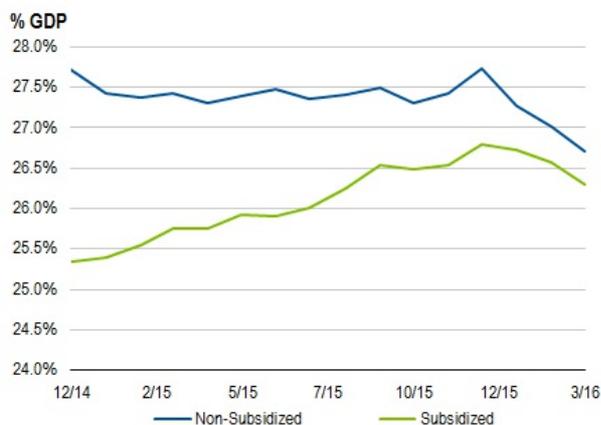
Brazil: Net Change in Outstanding Credit

July 2009–February 2016



Brazil: Financial System Credit Outstanding

December 2014–March 2016



Source: Central Bank of Brazil.

The government's ability to entrench prudent macroeconomic policies should improve further as the end of the political crisis comes closer. It is also worth noting that Brazil's public debt is still relatively manageable: Even after the recent deterioration, gross public debt is still just over 70% of GDP, and net debt is under 40% of GDP,² which affords the country important breathing room as fiscal prudence is restored. Credit policy has also started to be placed on a more sustainable footing. Between 2012 and 2015, the proportion of earmarked or subsidized lending via policy banks increased sharply, i.e., lending subsidized by the government. This crowded out non-subsidized/private sector lending. By the end of 2015 the stock of subsidized lending accounted for about half of total credit outstanding. This year, however, the situation started changing, with the flow of new credit declining rapidly. This change has come about by government policy rather than market forces. New credit expansion is contracting by some 20% year-over-year (yoy), compared to a peak growth of 60% yoy a few years ago (as you can see in the chart below).

Credit Expansion Has Slowed Sharply



Brazil: Financial System Credit Expansion: New Operations

June 2012–March 2016

Brazil: Change in Financial System Credit Outstanding

January 2009–March 2016

Year-Over-Year Three-Month Average

% Change Year-Over-Year



Source: Central Bank of Brazil.

A consequence of the change in policy has been the increase in non-performing loans within the banking sector, to which financial institutions have responded by increasing provisioning. Meanwhile, Brazil's external accounts have also started to improve, partly as a consequence of the recession. While Brazil is a large closed economy, with exports and imports making up a very small share of GDP, the current account deficit had widened to 4.5% of GDP, driven by the collapse in commodity revenues and the loose fiscal stance. As the next chart shows, a very rapid improvement in the external balance is now underway, with the narrow balance of payments (current account plus net foreign direct investment: narrow balance of payments [NBOP]) moving into surplus.

Rapid Improvement in External Balance Is Underway



Brazil: Current Account

December 2010–March 2016



Brazil: Narrow Balance of Payments

December 2010–March 2016



Source: Central Bank of Brazil. Narrow Balance of Payments (NBOP) = Current Account + Net Foreign Direct Investment

In addition, international reserves, as of the end of first-quarter 2016, covered 107% of gross external debt and 324% of short-term external debt. Furthermore, net foreign direct investment (FDI) at 4.16% of GDP more than covers the deficit. Finally, domestic Brazilian real-denominated debt makes up 90% of the government debt stock, limiting vulnerability to foreign exchange mismatches. Brazil's external vulnerability is therefore quite limited. Once political stability is restored, tackling much needed structural reforms should be a priority, in our view. During President Dilma Rousseff's first term, little was accomplished in this area. With the pronounced deterioration in fiscal accounts, social security and pension reform have become more urgent.

We believe broad consensus can be achieved once the country navigates the current political crisis and a new leadership team is fully in place. Brazil had already learned some important lessons from previous crises—in particular, the value of a flexible exchange rate, high reserve levels and low short-term debt in limiting the country's external vulnerability. The most recent crisis has brought home the importance of maintaining a prudent and sustainable fiscal stance. And perhaps most importantly, Brazil's middle class has expressed a clear desire for greater transparency and for an economic policy framework that can bring back robust growth in living standards. We believe this will act as a powerful incentive for Brazil's policymakers to push forward with structural reforms, including improvements to the business environment.

Summary of Our LMRI Scoring for Brazil

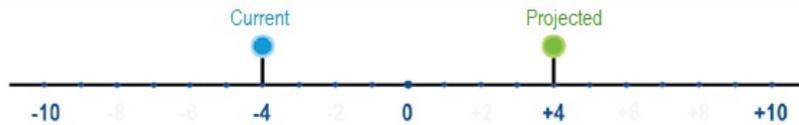
The Local Markets Resilience Index (LMRI) is a proprietary scoring mechanism that allows us to rank/assess emerging market countries along five different factors:

1. Policy mix
2. Lessons learned
3. Structural reforms
4. Domestic demand
5. External vulnerabilities

For each factor, we separately assess both current and projected conditions, so as to gauge the degree of risk along the investment horizon. We aggregate the five individual category scores to obtain an overall country score—our proprietary LMRI. The scoring along each category is necessarily based to an important extent on our subjective judgment; nonetheless, we believe it provides a strong rigor in assessing and comparing different markets in a way that allows us to assess the true underlying risk and to identify attractive opportunities where our score deviates significantly from the risk assessment implicit in market prices.

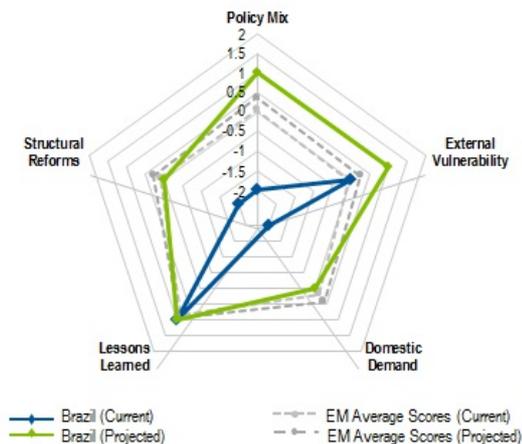
The rating of a country is based on the five criteria, described above. Each criterion is assigned a value between -2 and +2 for the current situation, and similarly a value for the projected outlook, in the views of the Global Macro team. Our case study on Brazil illustrates some aspects of the research the team undertakes in analyzing individual countries, together with the scoring methodology.

Brazil: (Overall LMRI Score, Current: -4; Projected: +4)



Brazil Current and Projected Conditions (LMRI)

As of June 2016



SUMMARY OF OUR LMRI RATING FOR BRAZIL

Brazil stands out as a vulnerable market that is, however, poised for a significant rebound, in our assessment. In our LMRI, Brazil earns a decent score for Lessons Learned: Brazil adopted a flexible exchange rate, has strong FX reserves and limited short-term debt; this is also reflected in a moderate and improving External Vulnerability score, with its reliance on commodities being the Achilles heel. Current scores for Policy Mix, Structural Reforms and Domestic Demand are at the lowest levels, as reflected in the combination of deep recession and political turmoil. However, we project a stabilization in Domestic Demand, a marked improvement in Policy Mix (in some areas already underway) with a new administration in place, and some improvements to Structural Reforms.

Source: Templeton Global Macro LMRI sources; emerging market (EM) averages derived from LMRI calculations. The Local Markets Resilience Index (LMRI) is a proprietary scoring mechanism that allows us to rank/assess emerging market countries along five different factors.

For more information, read "[Emerging Markets: Mapping the Opportunities](#)" a research-based briefing on global economies featuring the analysis and views of Dr. Michael Hasenstab and senior members of Templeton Global Macro. Dr. Hasenstab and his team manage Templeton's global bond strategies, including unconstrained fixed income, currency and global macro. This economic team, trained in some of the leading universities in the world, integrates global macroeconomic analysis with in-depth country research to help identify long-term imbalances that translate to investment opportunities.

To get insights from Franklin Templeton Investments delivered to your inbox, subscribe to the [Beyond Bulls & Bears](#) blog.

For timely investing tidbits, follow us on Twitter [@FTI_US](#) and on [LinkedIn](#).

The comments, opinions and analyses expressed herein are for informational purposes only and should not be considered individual investment advice or recommendations to invest in any security or to adopt any investment strategy. Because market and economic conditions are subject to rapid change, comments, opinions and analyses are rendered as

of the date of the posting and may change without notice. The material is not intended as a complete analysis of every material fact regarding any country, region, market, industry, investment or strategy.

This information is intended for US residents only.

What Are the Risks?

All investments involve risks, including possible loss of principal. Special risks are associated with foreign investing, including currency fluctuations, economic instability and political developments. Investments in emerging markets, of which frontier markets are a subset, involve heightened risks related to the same factors, in addition to those associated with these markets' smaller size, lesser liquidity and lack of established legal, political, business and social frameworks to support securities markets. Because these frameworks are typically even less developed in frontier markets, as well as various factors including the increased potential for extreme price volatility, illiquidity, trade barriers and exchange controls, the risks associated with emerging markets are magnified in frontier markets.

1. Source: International Monetary Fund, Fiscal Monitor, April 2016.

2. Ibid.

Posted in [Emerging Markets](#), [Fixed Income](#), [Perspectives](#) Tagged [Brazil](#), [fixed income](#), [global bonds](#), [Global Macro](#), [Latin America](#), [Michael Hasenstab](#)

Important Legal Information

FINRA's BrokerCheck

You can check the background of your investment professional on FINRA's [BrokerCheck](#).

Links can take you to third party sites/media, directly or through new browser windows. We urge you to review the privacy, security, terms of use, and other policies of each site you visit. You use any third-party site, software, and materials at your own risk. Franklin Templeton does not control, adopt, endorse or accept responsibility for content, tools, products, or services (including any software, links, advertising, opinions or comments) available on or through third party sites or software.

Franklin Templeton welcomes your feedback on this blog. To keep the conversation respectful and focused, please follow our current [Commenting Guidelines](#). We review comments and reserve the right to block any comment or commenter, including those that we may deem inappropriate or offensive. We may block any comment or commenter whose posts include investment testimonials, advice, or recommendations, or advertisements for products or services, or other promotional content.

Questions or comments about your Franklin Templeton account or customer-service issues? Please [contact us directly](#) but never include account or personal financial information in your comments.

The comments, opinions and analyses are the personal views expressed by the investment manager and are intended to be for informational purposes and general interest only and should not be construed as individual investment advice or a recommendation or solicitation to buy, sell or hold any security or to adopt any investment strategy. It does not constitute legal or tax advice. The information provided in this material is rendered as at publication date and may change without notice and it is not intended as a complete analysis of every material fact regarding any country, region, market or investment.

All investments involve risk, including possible loss of principal.

Investors should carefully consider a fund's investment goals, risks, charges and expenses before investing. To obtain a summary prospectus and/or prospectus, which contains this and other information, talk to your financial advisor, call us at (800) DIAL BEN/342-5236 or visit franklintempleton.com. Please carefully read a prospectus before you invest or send money.

Data from third party sources may have been used in the preparation of this material and Franklin Templeton Investments ("FTI") has not independently verified, validated or audited such data. FTI accepts no liability whatsoever for any loss arising from use of this information and reliance upon the comments, opinions and analyses in the material is at the sole discretion of the user.

Franklin Templeton Distributors, Inc.

© 2017. Franklin Templeton Investments. All rights reserved.

Using this site means you agree to our [Terms of Use](#)

[Click to view our Privacy Policy](#)