Inflation Outlook

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September 2014





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I. Introduction



 Ensuring the stability of the purchasing power of the currency and a solid and efficient financial system

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Importance of this Mission

- The international experience and the economic theory set low and stable inflation as a precondition to sustainable growth
 - High inflation:
 - It increases risk premiums, diminishes confidence, shortens the planning horizon and depresses investment
 - Reduces employment, income and consumption
 - Increases the income concentration, diminishes the economic growth and the society welfare



Annual Average (%)				
Real GDP Growth	Inflation			
2.6	147.1			
2.3	842.5			
2.2	9.1			
3.7	5.5			
	Real GDP Growth 2.6 2.3 2.2			



Source: IBGE

Since the last Report release :

- The risks to global financial stability remained high, although, in general, an environment of low volatility has prevailed, despite geopolitical events:
 - In the US, the process of normalization of monetary conditions has continued
- The scenario of more intense global activity has consolidated, despite the heterogeneity of the expansion pace in the main economies
- In the international markets, there was retreat in the prices of agriculture and energy commodities, and increase in the prices of metal commodities
- In general terms, accommodative monetary policy stance remained, in the emerging and mature economies



Since the last Report release:

- The national accounts relative to the second quarter of 2014 pointed to alignment of the domestic absorption and GDP growth rates; and that, at the margin, GDP growth decreased 0.6%
- In the market of factors: ICU in slight decline and narrow idleness margin in the labor market
- The prices dynamics in the wholesale markets both in the industrial and in the agricultural segment were benign
- Two important relative prices (Domestic/External and Regulated/Market) correction processes have advanced; the monthly consumer inflation was moderate, but, on a twelve-month basis, it remained high
- The Selic rate remained at 11%

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Prospects – Abroad 2014-2016

- Risks for the global financial stability tend to remain high:
 - Highlights for the risks stemming from changes in the interest rate slope in important mature economies
- Prospects for more intense global activity pace throughout the relevant horizon for the monetary policy, with growth around the trend:
 - Highlights for the heterogeneity of the main blocks
- New tension and volatility focuses in the currency markets are likely to be observed, as well as decompression in the risk premiums
- In the relevant horizon for the monetary policy, prospects for the gradual increase of the global inflation



Prospects – Brazil 2014-2016

- Activity expansion pace tends to be less intense this year, compared to 2013:
 - In the upcoming quarters, annual GDP growth rates tend to be low and below potential growth
- In the relevant horizon for the monetary policy, changes in the composition of aggregate supply and demand are anticipated:
 - Composition of medium-term growth tends to be more favorable to the long-term growth (potential growth)
- Current accounts' deficit tends to continue to be essentially financed by FDI flows
- Moderate credit expansion:
 - Credit to consumption tends to grow at a pace in line with the growth of households available income

Prospects – Brazil 2014-2016

- In the next quarters, inflation tends to remain high:
 - Two important prices realignment processes domestic versus external prices and regulated versus market prices – tend to intensify
 - Wage pressures
 - High inflation expectations
- But, considering the maintenance of the monetary conditions, the inflation tends to enter a trajectory of convergence to the target in the final quarters of the forecast period:
 - The output gap tends to remain disinflationary in the next quarters
 - The wage pressures and the ones stemming from the two above mentioned prices realignment processes tend to moderate
 - Effects of the Selic rate increase over inflation will, in part, still materialize
 - Inflation expectations are more favorable at the end of the forecast period
 - The composition of inflation tends to be sustainable



Prospects – Forecasts - 2014-2015

GDP Forecast:

- 2014 GDP growth estimate at 0.7%
- GDP growth estimate in four quarters up to June 2015 at 1.2%

Inflation Forecasts:

- Baseline scenario: 6.3% for 2014; 5.8% for 2015; and 5.0% in twelve months up to the third quarter of 2016
- Market scenario: 6.3% for 2014; 6.1% for 2015; and 5.2% in twelve months up to the third quarter of 2016

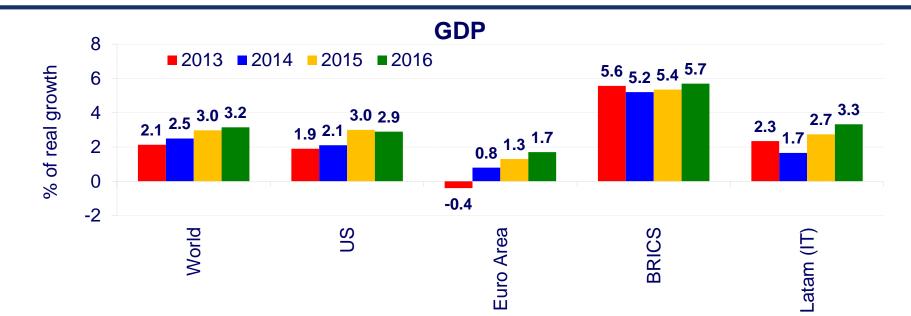
 The Copom highlights that, in moments such as the current one, the monetary policy should remain vigilant, in order to minimize risks that high inflation levels, such as the one observed in the last twelve months, persist in the relevant horizon for the monetary policy



II. International Environment



Activity – Expectations



2014 GDP (%)

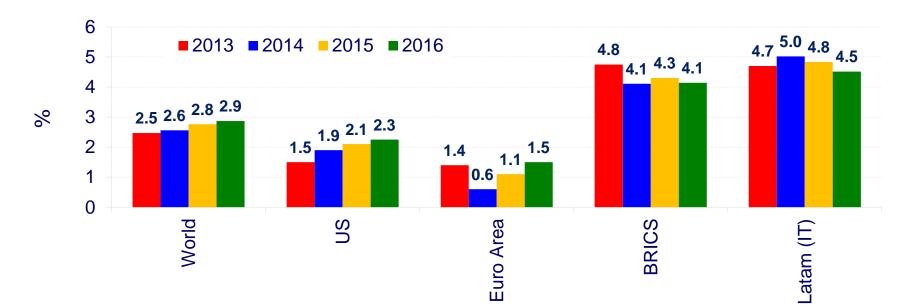
	2013	2014		
	Dec	Mar	Jun	Sep
US	2.6	2.7	2.2	2.1
Euro Area	1.0	1.1	1.1	0.8
Japan	1.6	1.4	1.5	1.1
UK	2.4	2.7	3.0	3.1
China	7.5	7.4	7.3	7.4
India	4.8	4.7	4.7	5.4
Brazil	2.0	1.7	1.2	0.3

2015 GDP (%)						
	2013	2014				
	Dec	Mar	Jun	Sep		
US	3.0	3.0	3.0	3.0		
Euro Area	1.4	1.5	1.5	1.3		
Japan	1.2	1.2	1.2	1.2		
UK	2.4	2.5	2.5	2.6		
China	7.2	7.2	7.2	7.1		
India	5.5	5.4	5.4	5.4		
Brazil	2.5	2.0	1.6	1.0		



Sources: Bloomberg and Focus – last available day of each month

Inflation – Expectations



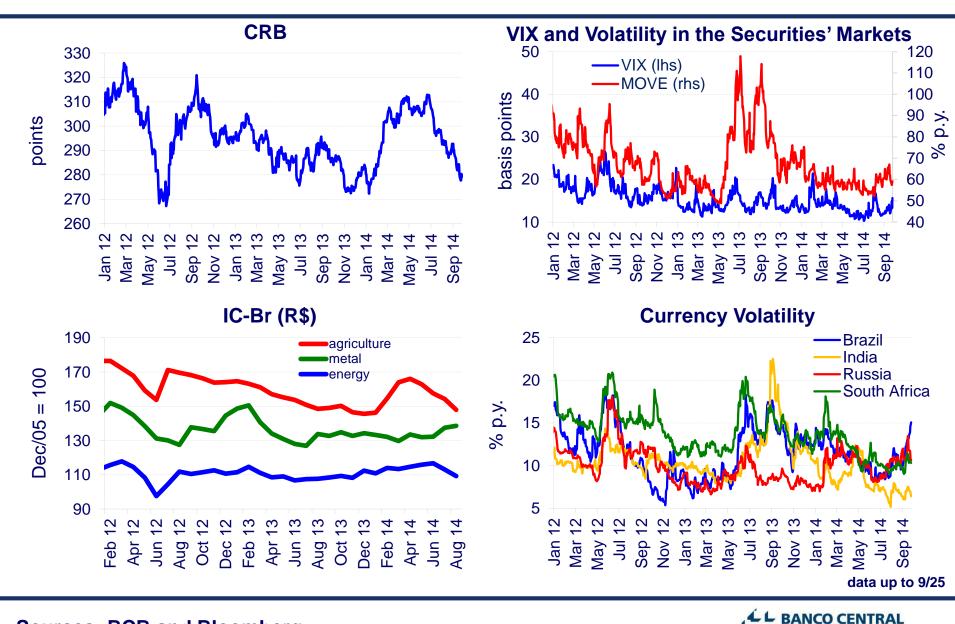
2014 Inflation (%)								
	2013	2014						
Dec Mar Jun								
US	1.7	1.7	1.8	1.9				
Euro Area	1.2	1.0	0.7	0.6				
Japan	2.4	2.6	2.7	2.8				
UK	2.2	2.0	1.8	1.7				
China	3.1	2.7	2.5	2.3				
India	9.2	9.5	9.5	7.2				
Brazil	6.0	6.3	6.5	6.3				

2015 Inflation (%)						
	2013	2014				
	Dec	Mar	Jun	Sep		
US	2.0	2.0	2.1	2.1		
Euro Area	1.5	1.4	1.3	1.1		
Japan	1.8	1.8	1.8	1.8		
UK	2.2	2.0	2.0	1.9		
China	3.2	3.2	3.0	2.8		
India	8.0	8.1	7.8	7.8		
Brazil	5.5	5.8	6.1	6.3		



Sources: Bloomberg and Focus – last available day of each month

Commodities and Volatility



Sources: BCB and Bloomberg

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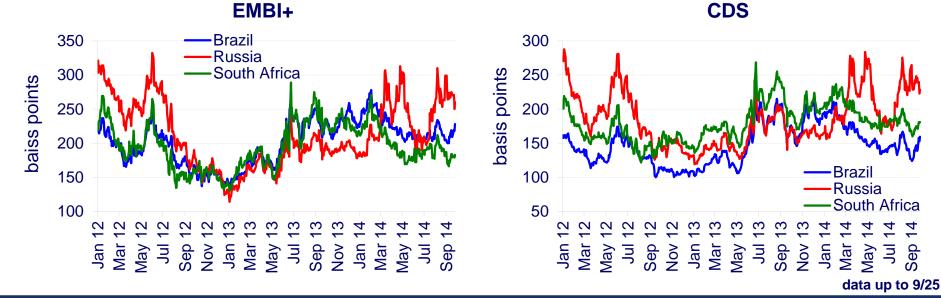
Interest Rate and Risk Premium



Ratings

	Moody's	S&P	Fitch
Brazil	Baa2 (-)	BBB- (=)	BBB (=)
Russia	Baa1 (-)	BBB- (-)	BBB (-)
India	Baa3 (=)	BBB- (-)	BBB- (=)
South Africa	Baa1 (-)	BBB- (=)	BBB (-)

= estable; - negative; r review



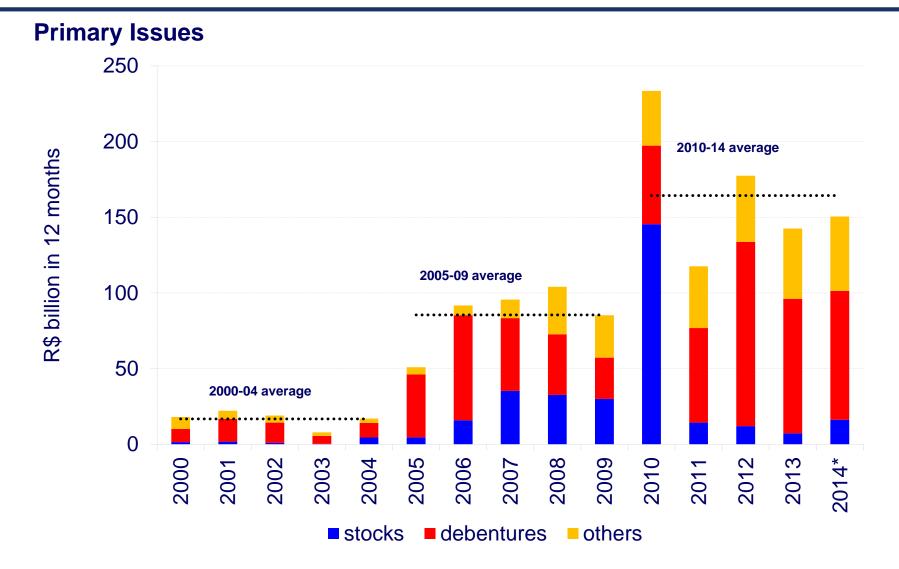
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III. Financial Conditions



Capital Market Domestic Operations

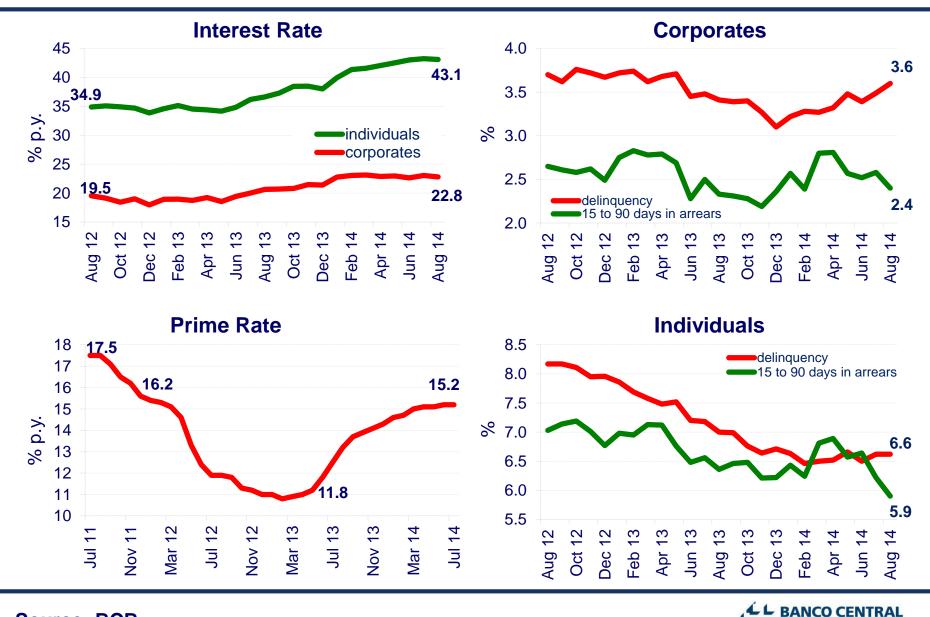


*12 months through Jul/14



Sources: CVM and BCB

Non-Earmarked Credit: Cost, Delinquency and Arrears

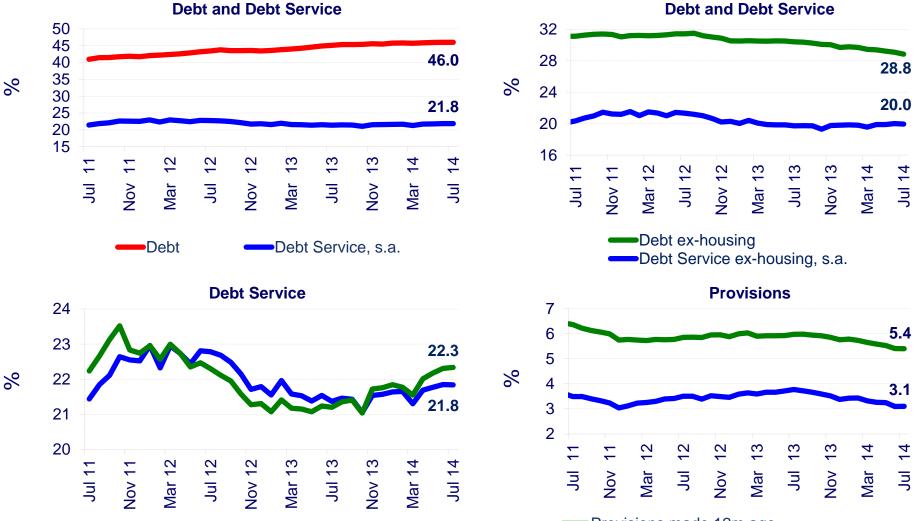


Source: BCB

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Household Debt and Provisions of the System

3m Debt Service



Provisions made 12m ago
Credits written off as losses in the last 12m



Source: BCB

Debt Service, s.a.

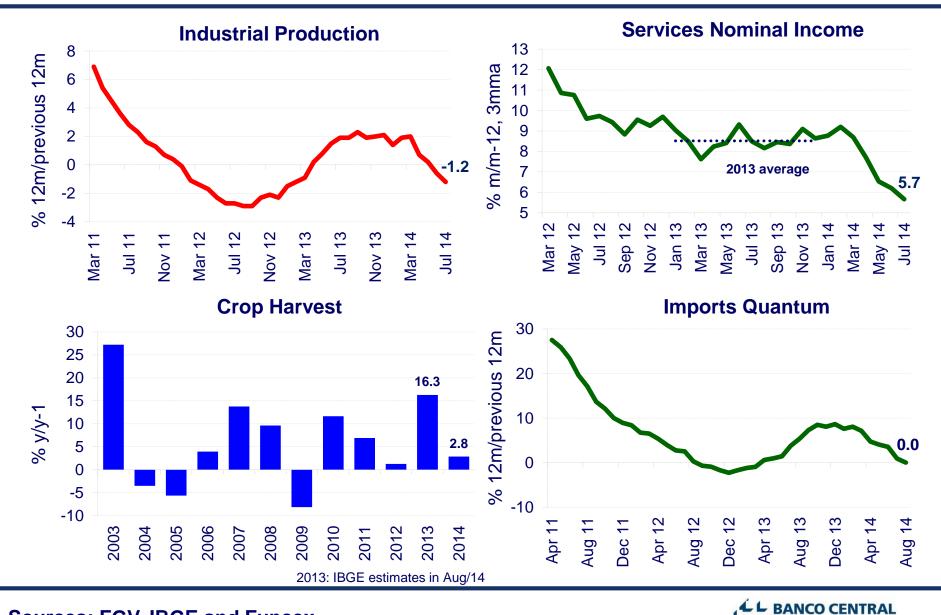
%

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IV. Activity



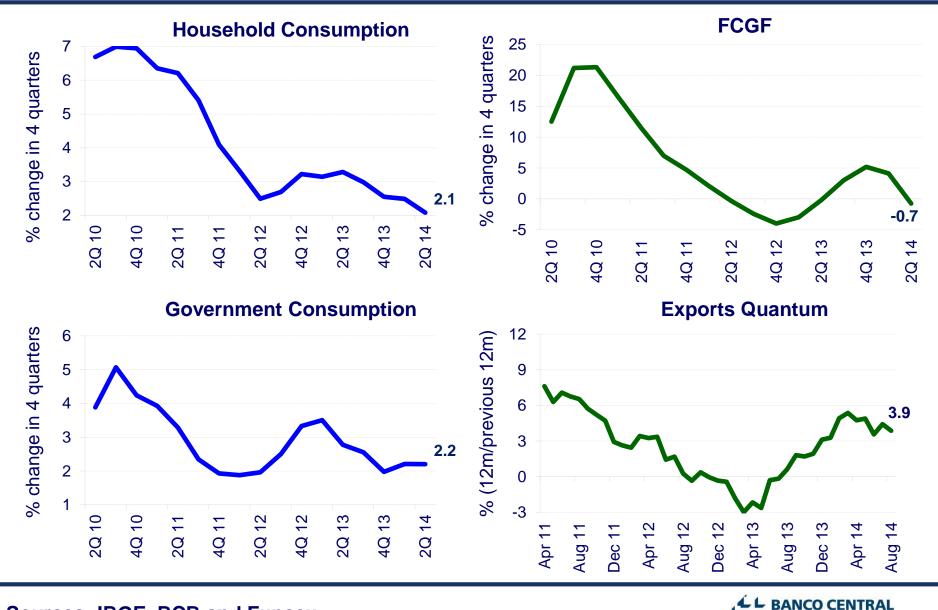
Supply



Sources: FGV, IBGE and Funcex

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Demand



Sources: IBGE, BCB and Funcex

Diffusion Index of the Brazilian Economic Activity (IDAE-Br)

- It presents a synthetic measure of the activity diffusion, tool that complements others that are used by the BCB
- The evidences suggest that the indicator provides information regarding the economic activity with small time lag (it anticipates information).

Confidence Indices and Macroeconomic Variables

- It identifies relations among three confidence indices and of them with economic activity and inflation;
- The results suggest existence of circular time leadership among the confidence indices for the industry, services and consumers, as follows: ICI → ICS → ICC → ICI.
- The exercises suggest that shocks in the industry confidence have <u>direct</u> effects over inflation and economic activity (in the case of shocks in the confidence of consumers and of businessmen in the services sector, only indirect effects)



Box: Projections for the Balance of Payments

Revised Forecast for 2014:

- Estimate for the current account deficit remains at US\$80 billion (3.5% of the GDP)
- Estimate for the trade surplus reduced from US\$5 billion to US\$3 billion
- Forecast for FDI inflows remain at US\$63 billion (approximately, 80% of the current account deficit).



Confidence

Confidence Confidence 115 120 115 110 Industry 3mma 110 avg. of the last 4 years = 100, s.a., 3mma 105 Commerce 105 100 100 95 100, s.a., 95 **Services** 90 90 85 85 **Construction** 80 80 May 13 avg. of the last 4 years = Sep 10 Jan 13 Sep 13 Jan 14 May 14 Sep 14 Aug 10 Dec 10 Aug 12 Dec 12 Apr 13 Aug 13 Dec 13 Apr 14 Aug 14 Jan 11 Sep 11 Jan 12 May 12 Sep 12 Apr 12 May 11 Apr 11 Dec Aug **Expectations Expectations** 110 115 **Services** 110 105 Commerce 105 100 100 95 95 90 90 85 85 Industry Construction 80 80 May 13 Sep 13 Sep 14 Aug 10 Jan 12 May 12 Jan 13 Jan 14 May 14 Dec 10 Apr 13 Aug 13 Apr 14 Aug 14 10 12 12 12 13 40 7 -Apr 1 Jan ` Sep Dec May Sep Sep Aug Dec Apr Dec Aug Obs.: Proportion of favorable answers - proportion of unfavorable answers + 100 (100=neutral)

Source: FGV



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Box: GDP Forecasts

Growth revision for 2014, from 1.6% to 0.7% (domestic demand, 0.4 p.p.; and net exports, 0.3 p.p.);

Supply

- Agriculture and livestock: 3.1% (1.1% in Q2/2014)
- Industry: -0.1% (0.5% in Q2/2014)
- Services: 1.5% (1.6% in Q2/2014)
- Demand
 - Investments: -2.4% (-0.7% in Q2/2014)
 - Household Consumption: 1.6% (2.1% in Q2/2014)
 - Government Consumption: 1.2% (2.2% in Q2/2014)

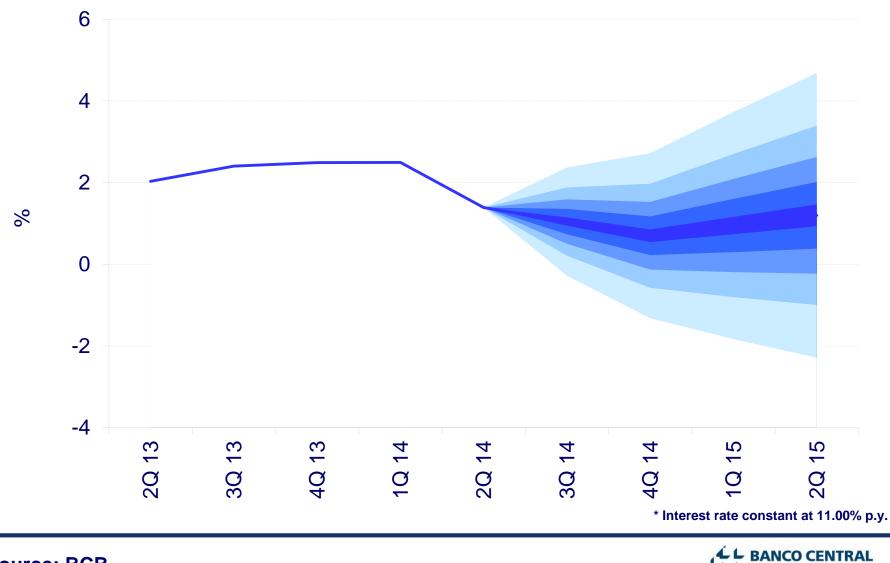
Growth of 1.2% in the four quarters ended in June 2015



Source: BCB

GDP Forecast

Baseline Scenario*



Source: BCB



V. Inflation Developments



Inflation Developments

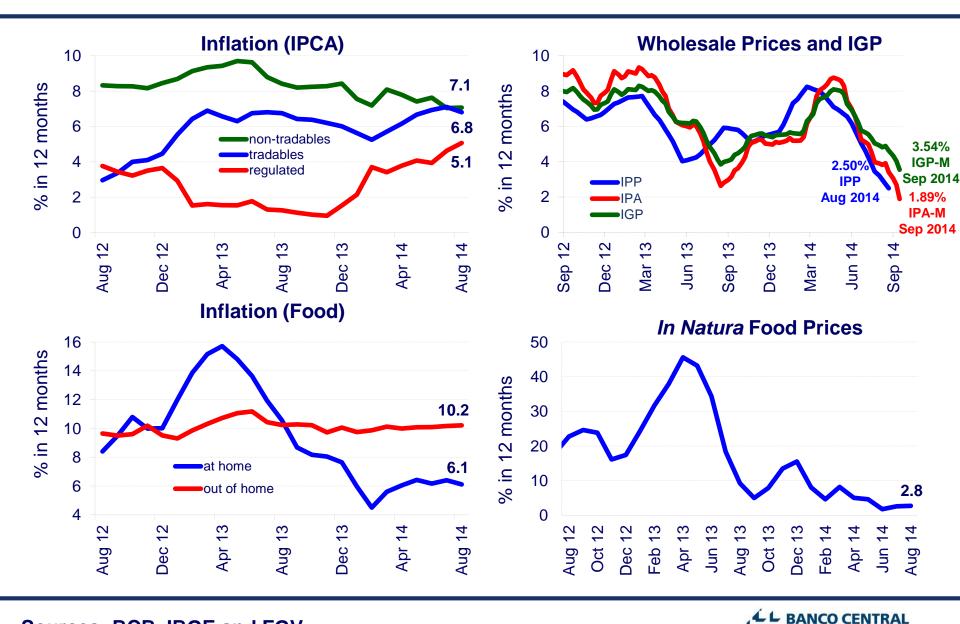
Prices Indices

		Change in 12 m	onths (%)
	Aug/13	Aug/14	
IPCA	6.09	6.51	
Market Prices	7.64	6.95	▼
Regulated	1.27	5.07	
Tradables	6.75	6.81	
Non-Tradables	8.42	7.07	▼
INPC	6.07	6.35	
IPC-C1	5.36	6.22	
IGP-DI	3.98	4.63	
IPA-DI	2.81	3.41	
Agricultural	-2.41	1.91	
Industrial	4.93	3.97	▼
IPC-DI	5.54	6.76	
INCC-DI	7.86	7.26	

Sources: IBGE, Fipe and FGV



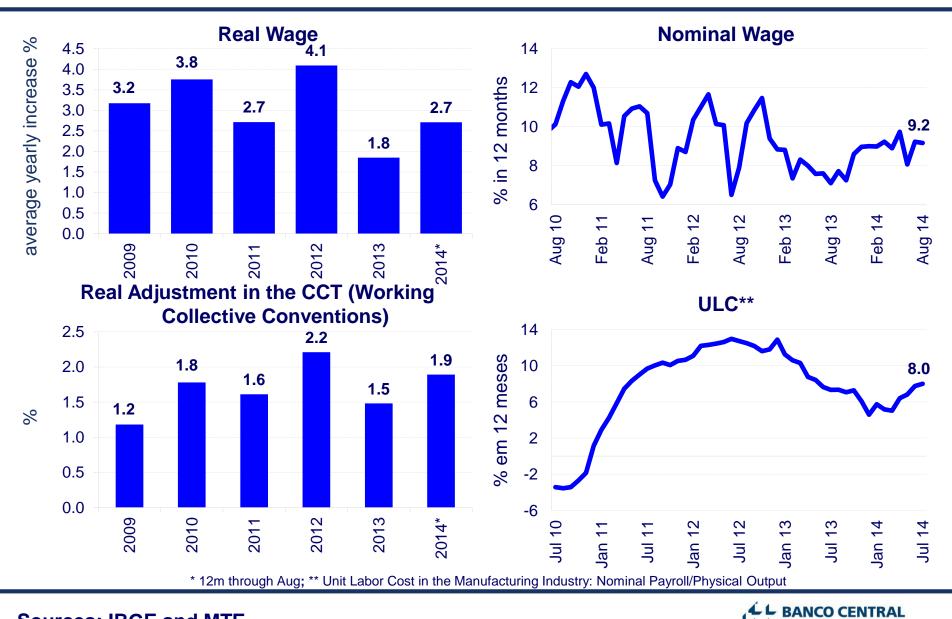
Prices



Sources: BCB, IBGE and FGV

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Wages



Sources: IBGE and MTE

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Boxes

Labor Market Conditions Indicator

- It presents a sinthetic measure of changes in the conditions of labor market Labor Market Conditions Indicator (ICMT) -, which aggregates information of a diversified set of variables
- The exercises suggest that, in addition to the unemployment rate, factors such as qualification and composition of the labor force, as well as turnover and earnings, among others, are relevant sources of information about the labor market condition

Decomposition of the Unemployment Rate (2002/2014)

- It decomposes the unemployment rate (TD) change in three parts: occupied population effect (EPO), Working Age Population effect (EPIA) and Activity Rate effect (ETA)
- In all sample period, the EPIA contributed to increase the TD; on the other hand, the EPO contributed to reduce from 2002 to 2012, and the ETA, to increase
- The exercises indicate that, in the last quarters, the reduction of the TD was due to the retreat of the Activity Rate and not to the effective increase of the occupied population



Physical Fundamentals of the Prices of Soy, Corn and Wheat

- It focuses on the connections among the dynamics of prices, inventories and the consumption
- The evidences point to the existence of negative correlations among prices and the ratio inventories expectations /consumption;
- If this correlation persists in the near future, the international prices of soy and of corn would tend to retreat; whereas the prices of wheat would tend to increase



BCB Inflation Forecasts

Baseline Scenario* and Market Scenario

Desite 1		Describer	
Period		Baseline	Market
2014	3	6.6	6.6
2014	4	6.3	6.3
2015	1	6.0	6.1
2015	2	5.6	5.8
2015	3	5.8	6.1
2015	4	5.8	6.1
2016	1	5.6	5.9
2016	2	5.3	5.5
2016	3	5.0	5.2

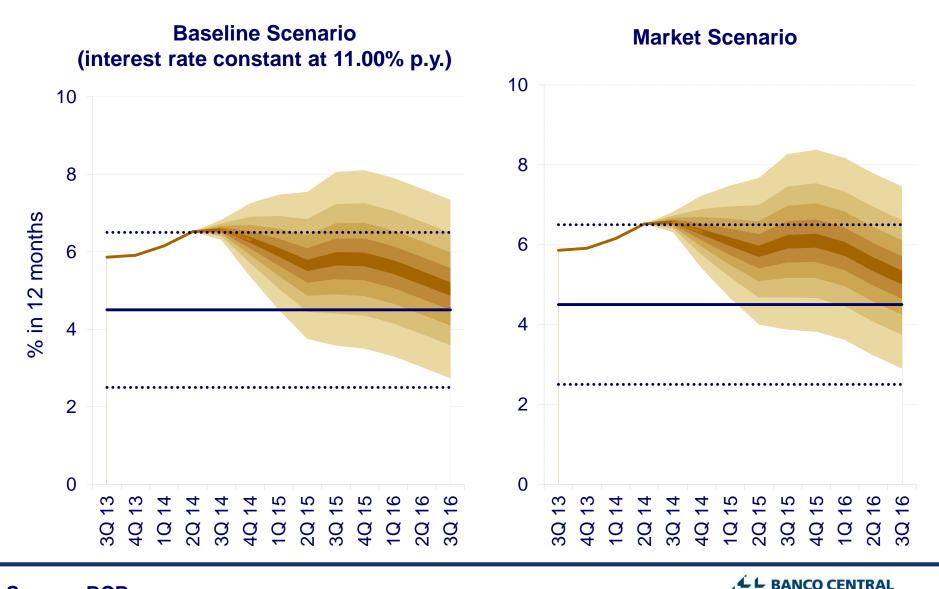
Obs.: 12-month accumulated inflation (%)

* Interest rate constant at 11.00% p.y.



Source: BCB

BCB Inflation Forecasts



Source: BCB

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Market Expectations – Summary

	:	201	4		201 5			20 1 6	
	30/6/14		26/9/14	30/6/14	5	26/9/14	30/6/14	0	26/9/14
IPCA	6.45	▼	6.31	6.10		6.30	5.50	=	5.50
Regulated Prices	5.00		5.10	7.00	=	7.00	5.50	=	5.50
Market Prices	7.08	▼	6.84	5.71		5.99	5.50	=	5.50
IGP-M	5.39	▼	3.66	5.50	=	5.50	5.30		5.50
IPA-DI	5.55	▼	2.10	6.00	▼	5.40	5.50	▼	5.10
Selic (end-of-period)	11.00	=	11.00	12.00	▼	11.38	11.00	▼	10.75
Exchange rate (end-of- period)	2.40	▼	2.35	2.50	▼	2.45	2.55	=	2.55
GDP	1.07	▼	0.29	1.50	▼	1.01	2.50	▼	2.30
Industrial Production	-0.50	▼	-1.95	2.20	▼	1.50	3.00	▼	2.50
Trade Balance	2.50	▼	2.40	9.90	▼	9.00	12.93	▼	11.00
FDI	60.00	=	60.00	55.60		57.00	57.50		60.00
Primary Result	1.40	▼	1.10	1.90	▼	1.80	2.00	=	2.00

Source: BCB

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