

## KEY FACTS: 50 FINANCIAL SYSTEM INDICATORS

Updated: January 15<sup>th</sup>, 2014

### Highlights

Indicator	Last value available	Corresponding to:
Bank lending to other resident sectors (monthly average % var.)	-0.8	October 2013
Other resident sectors' deposits in credit institutions (monthly average % var.)	-0.9	October 2013
Doubtful loans (monthly % var.)	1.9	October 2013
Recourse to the Eurosystem (Eurozone financial institutions, million euros)	665,894	December 2013
Recourse to the Eurosystem (Spanish financial institutions, million euros)	201,865	December 2013
Recourse to the Eurosystem (Spanish financial institutions million euros) - Main L/T refinancing operations	19,893	December 2013
"Operating expenses/gross operating income" ratio (%)	46.73	September 2013
"Customer deposits/employees" ratio (thousand euros)	5,035.92	September 2013
"Customer deposits/branches" ratio (thousand euros)	33,068.17	September 2013
"Branches/institutions" ratio	221.62	September 2013

#### A. Money and interest rates

Indicator	Source:	Average 1997-2010	2011	2012	2013	2014 January 15 <sup>th</sup>	Definition and calculation
1. Monetary Supply (% chg.)	ECB	6.4	1.5	3.0	2.3	-	M3 aggregate change (non-stationary)
2. Three-month interbank interest rate	Bank of Spain	3.1	1.4	0.6	0.28	0.29	Daily data average
3. One-year Euribor interest rate (from 1994)	Bank of Spain	3.2	2.0	1.1	0.56	0.56	End-of-month data
4. Ten-year Treasury bonds interest rate (from 1998)	Bank of Spain	4.6	5.4	5.8	4.11	3.76	Market interest rate (not exclusively between account holders)
5. Corporate bonds average interest rate	Bank of Spain	4.6	5.0	4.8	-	-	End-of-month straight bonds average interest rate (> 2 years) in the AIAF market

Comment on "Money and Interest Rates": The 3-month and 1-year Euribor rates have remained stable in January at 0.29% and 0.56% respectively, after declining in the previous weeks. In any event, the expectation is that monetary policy will continue to be expansionary in the foreseeable future. As for the Spanish 10-year bond yield, it has fallen significantly to 3.76%.

B. Financial markets

Indicator	Source:	Average 1997-2010	2011	2012	2013 October	2013 November	Definition and calculation
6. Outright spot treasury bills transactions trade ratio	Bank of Spain	20.1	81.6	84.7	79.7	67.8	(Traded amount/ outstanding balance) x100 in the market (not exclusively between account holders)
7. Outright spot government bonds transactions trade ratio	Bank of Spain	78.1	112.6	64.8	68.5	62.7	(Traded amount/ outstanding balance) x100 in the market (not exclusively between account holders)
8. Outright forward treasury bills transactions trade ratio	Bank of Spain	0.4	2.2	1.7	0.9	0.1	(Traded amount/ outstanding balance) x100 in the market (not exclusively between account holders)
9. Outright forward government bonds transactions trade ratio	Bank of Spain	4.5	3.3	2.2	2.9	1.5	(Traded amount/ outstanding balance) in the market (not exclusively between account holders)
10. Three-month maturity treasury bills interest rate	Bank of Spain	3.0	1.6	0.6	0.1	0.3	Outright transactions in the market (not exclusively between account holders)
11. Government bonds yield index (Dec1987=100)	Bank of Spain	503.9	684.4	751.1	834.4	851.3	Outright transactions in the market (not exclusively between account holders)
12. Madrid Stock Exchange Capitalization (monthly average % chg.)	Bank of Spain and Madrid Stock Exchange	0.9	-0.8	3.9	9.1	-0.2	Change in the total number of resident companies
13. Stock market trading volume. Stock trading volume (monthly average % var.)	Bank of Spain and Madrid Stock Exchange	4.7	1.6	-24.8	90.6	-26.6	Stock market trading volume. Stock trading volume: change in total trading volume
14. Madrid Stock Exchange general index (Dec1985=100)	Bank of Spain and Madrid Stock Exchange	987.7	857.7	824.7	1,009.3	1,075.7(a)	Base 1985=100
15. Ibex-35 (Dec1989=3000)	Bank of Spain and Madrid Stock Exchange	9,748.3	8,566.7	7,583.2	9,907.9	10,526.0(a)	Base dec1989=3000
16. Madrid Stock Exchange PER ratio (share value/ profitability)	Bank of Spain and Madrid Stock Exchange	16.8	9.7	18.2	33.8	71.6(a)	Madrid Stock Exchange Ratio "share value/ capital profitability"

## B. Financial markets (continued)

Indicator	Source:	Average 1997-2010	2011	2012	2013 October	2013 November	Definition and calculation
17. Long-term bonds. Stock trading volume (% chg.)	Bank of Spain and Madrid Stock Exchange	2.8	15.1	-15.1	77.6	-33.7	Variation for all stocks
18. Commercial paper. Trading balance (% chg.)	Bank of Spain and AIAF	1.8	59.24	73.9	-1.7	-1.5	AIAF fixed-income market
19. Commercial paper. Three-month interest rate	Bank of Spain and AIAF	3.2	1.9	2.3	2.3	1.9	AIAF fixed-income market
20. IBEX-35 financial futures concluded transactions (% chg.)	Bank of Spain	1.3	-15.8	-10.8	23.6	2.0	IBEX-35 shares concluded transactions
21. IBEX-35 financial options concluded transactions (% chg.)	Bank of Spain	8.3	-25.9	54.1	63.6	-24.1	IBEX-35 shares concluded transactions

(a) Last data published: January 15<sup>th</sup>, 2014.

Comment on "Financial Markets": During the last month there has been a reduction of 67.8% in transactions with outright spot and forward T-bills and with forward government bonds and debenture transactions, and of spot government bonds transactions of 62.7%. The stock market has gained momentum with the IBEX-35 closing at 10,525 points on January 15<sup>th</sup>, and the General Index of the Madrid Stock Exchange at 1,075. Additionally, there was a 2% increase in financial IBEX-35 future transactions and a 24.1% fall in transactions with IBEX-35 financial options.

## C. Financial Savings and Debt

Indicator	Source:	Average 2004-2010	2011	2012	2013 Q 1	2013 Q 2	Definition and calculation
22. Net Financial Savings/GDP (National Economy)	Bank of Spain	-6.7	-3.4	-0.2	1.1	0.4	Difference between financial assets and financial liabilities flows over GDP
23. Net Financial Savings/GDP (Households and non-profit institutions)	Bank of Spain	0.6	3.1	1.3	1.5	-	Difference between financial assets and financial liabilities flows over GDP
24. Debt in securities (other than shares) and loans/GDP (National Economy)	Bank of Spain	256.1	293.3	311.9	313.4	-	Public debt, non-financial companies debt and households and non-profit institutions debt over GDP

C. Financial Savings and Debt (continued)

Indicator	Source:	Average 2004-2010	2011	2012	2013 Q 1	2013 Q 2	Definition and calculation
25. Debt in securities (other than shares) and loans/GDP (Households and non-profit institutions)	Bank of Spain	79.3	82.2	78.9	80.3	79.9	Households and non-profit institutions debt over GDP
26. Households and non-profit institutions balance: financial assets (quarterly average % chg.)	Bank of Spain	5.0	-0.1	2.9	0.3	0.2	Total assets percentage change (financial balance)
27. Households and non-profit institutions balance: financial liabilities (quarterly average % chg.)	Bank of Spain	9.9	-0.5	-0.7	-1.6	-0.9	Total liabilities percentage change (financial balance)

Comment on "Financial Savings and Debt": During 2013Q2, there was a 0.4% increase in financial savings to GDP in the overall economy. There was also an increase in households' financial deleveraging, with the debt to GDP ratio standing at 79.9%. Finally, the stock of financial assets on households' balance sheets registered a slight increase of 0.2%, while there was a 0.9% drop in the stock of financial liabilities.

D. Credit institutions. Business Development

Indicator	Source:	Average 1997-2010	2011	2012	2013 September	2013 October	Definition and calculation
28. Bank lending to other resident sectors (monthly average % var.)	Bank of Spain	14.1	-3.8	-10.4	-0.5	-0.8	Lending to the private sector percentage change for the sum of banks, savings banks and credit unions
29. Other resident sectors' deposits in credit institutions (monthly average % var.)	Bank of Spain	11.0	-5.3	-1.8	-0.3	-0.9	Deposits percentage change for the sum of banks, savings banks and credit unions
30. Debt securities (monthly average % var.)	Bank of Spain	9.3	5.2	23.2	-0.9	-0.3	Asset-side debt securities percentage change for the sum of banks, savings banks and credit unions
31. Shares and equity (monthly average % var.)	Bank of Spain	15.1	41.0	3.1	0.2	0.5	Asset-side equity and shares percentage change for the sum of banks, savings banks and credit unions
32. Credit institutions. Net position (difference between assets from credit institutions and liabilities with credit institutions) (% of total assets)	Bank of Spain	-0.5	-4.3	-9.0	-7.5	-7.5	Difference between the asset-side and liability-side "Credit System" item as a proxy of the net position in the interbank market (month-end)

## D. Credit institutions. Business Development (continued)

Indicator	Source:	Average 1997-2010	2011	2012	2013 September	2013 October	Definition and calculation
33. Doubtful loans (monthly average % var.)	Bank of Spain	30.8	28.3	20.0	3.9	1.9	Doubtful loans. Percentage change for the sum of banks, savings banks and credit unions
34. Assets sold under repurchase (monthly average % var.)	Bank of Spain	-1.2	-15.7	0.3	-1.3	-5.2	Liability-side assets sold under repurchase. Percentage change for the sum of banks, savings banks and credit unions
35. Equity capital (monthly average % var.)	Bank of Spain	10.1	37.9	-10.6	0.5	1.2	Equity percentage change for the sum of banks, savings banks and credit unions

Comment on "Credit institutions. Business Development": The latest available data as of October 2013 show a 0.8% decrease in bank credit to the private sector and also a 0.9% decrease in financial institutions deposit-taking, from the previous month. Also, there was a 1.9% growth in doubtful loans compared to the previous month.

## E. Credit institutions. Market Structure and Eurosystem Refinancing

Indicator	Source:	Average 1997-2010	2011	2012	2013 June	2013 September	Definition and calculation
36. Number of Spanish credit institutions	Bank of Spain	215	189	173	160	159	Total number of banks, savings banks and credit unions operating in Spanish territory
37. Number of foreign credit institutions operating in Spain	Bank of Spain	66	86	85	85	85	Total number of foreign credit institutions operating in Spanish territory
38. Number of employees	Bank of Spain	249,013	243,041	231,389	-	-	Total number of employees in the banking sector
39. Number of branches	Bank of Spain	40,987	39,843	37,903	36,115	35,238	Total number of branches in the banking sector
40. Recourse to the Eurosystem (total Eurozone financial institutions) (Euro millions)	Bank of Spain	374,777	394,459	884,094	712,189	665,894(a)	Open market operations and ECB standing facilities. Eurozone total
41. Recourse to the Eurosystem (total Spanish financial institutions) (Euro millions)	Bank of Spain	33,956	118,861	337,206	241,089	201,865(a)	Open market operations and ECB standing facilities. Spain total

E. Credit institutions. Market Structure and Eurosystem Refinancing (continued)

Indicator	Source:	Average 1997-2010	2011	2012	2013 June	2013 September	Definition and calculation
42. Recourse to the Eurosystem (total Spanish financial institutions): main long term refinancing operations (Euro millions)	Bank of Spain	18,808	47,109	44,961	18,528	19,893(a)	Open market operations: main long term refinancing operations. Spain total

(a) Last data published: December 2013.

Comment on "Credit institutions. Market Structure and Eurosystem Refinancing": In December 2013, the recourse to Eurosystem funding by Spanish credit institutions accounted for 30.32% of net total funds borrowed from the ECB by the Eurozone. It was 32.66% in September.

F. Credit institutions. Efficiency and Productivity, Risk and Profitability

Indicator	Source:	Average 1997-2010	2011	2012	2013 June	2013 September	Definition and calculation
43. "Operating expenses/gross operating income" ratio	Bank of Spain	54.53	49.85	47.18	44.67	46.73	Operational efficiency indicator. Numerator and denominator are obtained directly from credit institutions' P&L accounts
44. "Customer deposits/employees" ratio (Euro thousands)	Bank of Spain	2,721.97	4,512.30	4,701.87	5,601.33	5,035.92	Productivity indicator (business by employee)
45. "Customer deposits/branches" ratio (Euro thousands)	Bank of Spain	16,424.04	29,171.23	30,110.18	32,427.99	33,068.17	Productivity indicator (business by branch)
46. "Branches/institutions" ratio	Bank of Spain	193.19	205.38	219.09	225.72	221.62	Network expansion indicator
47. "Employees/branches" ratio	Bank of Spain	6.08	6.5	6.9	6.4	6.6	Branch size indicator
48. Equity capital (monthly average % var.)	Bank of Spain	0.10	0.40	-0.12	1.18	0.11	Credit institutions equity capital variation indicator
49. ROA	Bank of Spain	0.88	0.06	-1.93	0.24	0.16	Profitability indicator, defined as the "pre-tax profit/average total assets"
50. ROE	Bank of Spain	13.23	3.28	-18.74	1.28	2.20	Profitability indicator, defined as the "pre-tax profit/equity capital"

Comment on "Credit institutions. Efficiency and Productivity, Risk and Profitability": In September 2013 most of the profitability and efficiency indicators improved for Spanish banks although they still face a tough business and macroeconomic environment. Productivity indicators have also improved due to the restructuring process of the Spanish banking sector.