

## KEY FACTS: 50 FINANCIAL SYSTEM INDICATORS – Funcas

Updated: January 15<sup>th</sup>, 2016

### Highlights

Indicator	Last value available	Corresponding to:
Bank lending to other resident sectors (monthly average % var.)	-0.5	Oct-15
Other resident sectors' deposits in credit institutions (monthly average % var.)	-0.5	Oct-15
Doubtful loans (monthly % var.)	-1.4	Oct-15
Recourse to the Eurosystem (Eurozone financial institutions, million euros)	354,833	Dec-15
Recourse to the Eurosystem (Spanish financial institutions, million euros)	132,934	Dec-15
Recourse to the Eurosystem (Spanish financial institutions million euros)- Main L/T refinancing operations	10,515	Dec-15
Operating expenses/gross operating income ratio (%)	49.02	Sep-15
Customer deposits/employees ratio (thousand euros)	6,174.30	Sep-15
Customer deposits/branches ratio (thousand euros)	40,263.86	Sep-15
Branches/institutions ratio	144.33	Sep-15

### A. Money and interest rates

Indicator	Source:	Average 1999-2012	2013	2014	2015 December	2016 January	Definition and calculation
1. Monetary Supply (% chg.)	ECB	5.8	2.3	1.9	-	-	M3 aggregate change (non-stationary)
2. Three-month interbank interest rate	Bank of Spain	2.68	0.22	0.21	-0.13	-0.14	Daily data average
3. One-year Euribor interest rate (from 1994)	Bank of Spain	2.95	0.54	0.48	0.06	0.05	End-of-month data
4. Ten-year Treasury bonds interest rate (from 1998)	Bank of Spain	4.6	4.6	2.7	1.76	1.78	Market interest rate (not exclusively between account holders)
5. Corporate bonds average interest rate	Bank of Spain	4.6	3.9	2.3	2.33	-	End-of-month straight bonds average interest rate (> 2 years) in the AIAF market

*Comment on "Money and Interest Rates:" The 3-month interbank rate has fallen to -0.14% and the 1-year Euribor has decreased to 0.05% in the first fortnight of January. The ECB has acknowledged inflation is growing slowly and has pointed to an extension of the current expansionary monetary policy, at least until the end of 2016. As for the Spanish 10-year bond yield, it has reached 1.78% in January from 1.76% in December.*

## B. Financial markets

Indicator	Source:	Average 1999-2012	2013	2014	2015 October	2015 November	Definition and calculation
6. Outright spot treasury bills transactions trade ratio	Bank of Spain	29.6	82.9	75.6	75.94	84.77	(Traded amount/ outstanding balance) x100 in the market (not exclusively between account holders)
7. Outright spot government bonds transactions trade ratio	Bank of Spain	78.9	61.2	73.2	61.12	61.59	(Traded amount/ outstanding balance) x100 in the market (not exclusively between account holders)
8. Outright forward treasury bills transactions trade ratio	Bank of Spain	0.7	1.8	2.6	0.48	0.35	(Traded amount/ outstanding balance) x100 in the market (not exclusively between account holders)
9. Outright forward government bonds transactions trade ratio	Bank of Spain	4.4	3.2	4.6	3.16	1.56	(Traded amount/ outstanding balance) in the market (not exclusively between account holders)
10. Three-month maturity treasury bills interest rate	Bank of Spain	2.4	0.2	0.1	0.1	-0.1	Outright transactions in the market (not exclusively between account holders)
11. Government bonds yield index (Dec1987=100)	Bank of Spain	565.2	846.3	1,037.9	1,072.04	1,071.47	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	0.4	2.3	0.6	8.03	0.9	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	4.2	6.9	7	26.8	-11.91	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	1,026.5	1,012.0	1,042.5	1,043.91	889.6 <sup>(a)</sup>	Base 1985=100
15. Ibex-35 (Dec1989=3000)	Bank of Spain and Madrid Stock Exchange	9,864.50	8,715.6	10,528.8	10,360.7	8,787.7 <sup>(a)</sup>	Base dec1989=3000
16. Madrid Stock Exchange PER ratio (share value/ profitability)	Bank of Spain and Madrid Stock Exchange	15.6	33.1	26.1	16.57	14.6 <sup>(a)</sup>	Madrid Stock Exchange Ratio "share value/ capital profitability"

## B. Financial markets (continued)

Indicator	Source:	Average 1999-2012	2013	2014	2015 October	2015 November	Definition and calculation
17. Long-term bonds. Stock trading volume (% chg.)	Bank of Spain and Madrid Stock Exchange	3.7	10.6	7.4	-71.08	302.31	Variation for all stocks
18. Commercial paper. Trading balance (% chg.)	Bank of Spain and AIAF	2.3	10.9	-1.3	-1.11	0.71	AIAF fixed-income market
19. Commercial paper. Three-month interest rate	Bank of Spain and AIAF	2.8	2.4	0.6	0.2	0.1	AIAF fixed-income market
20. IBEX-35 financial futures concluded transactions (% chg.)	Bank of Spain	0.7	6.4	4.3	-12.9	-2.4	IBEX-35 shares concluded transactions
21. IBEX-35 financial options concluded transactions (% chg.)	Bank of Spain	9	6.7	6.4	-34.9	-3.6	IBEX-35 shares concluded transactions

(a) Last data published: January 15<sup>th</sup>, 2016.

Comment on "Financial Markets:" During November, there was an increase in transactions with outright spot T-bills and of spot government bonds transactions, which stood at 84.8% and 61.6%, respectively. The stock market keeps on falling, with the IBEX-35 down to 8,788 points, and the General Index of the Madrid Stock Exchange to 890. Additionally, there was a decrease of 2.4% in financial IBEX-35 futures transactions and of 3.6% in transactions with IBEX-35 financial options.

## C. Financial Savings and Debt

Indicator	Source:	Average 2007-2012	2013	2014	2015 Q 1	2015 Q 2	Definition and calculation
22. Net Financial Savings/GDP (National Economy)	Bank of Spain	-5.3	2.1	1.0	1.2	1.6	Difference between financial assets and financial liabilities flows over GDP
23. Net Financial Savings/GDP (Households and non-profit institutions)	Bank of Spain	0.7	3.7	3.1	4.0	3.5	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	276.4	315.4	319.1	314.3	306.7	Public debt, non-financial companies debt and households and non-profit institutions debt over GDP

## C. Financial Savings and Debt (continued)

Indicator	Source:	Average 2007-2012	2013	2014	2015 Q 1	2015 Q 2	Definition and calculation
25. Debt in securities (other than shares) and loans/GDP (Households and non-profit institutions)	Bank of Spain	82.1	76.7	72.4	71.1	70.6	Households and non-profit institutions debt over GDP
26. Households and non-profit institutions balance: financial assets (quarterly average % chg.)	Bank of Spain	1.9	6.8	4.8	3.5	0.2	Total assets percentage change (financial balance)
27. Households and non-profit institutions balance: financial liabilities (quarterly average % chg.)	Bank of Spain	3.5	-5.3	-3.8	-0.8	0.1	Total liabilities percentage change (financial balance)

*Comment on "Financial Savings and Debt:" During 2015Q2, there was an increase in financial savings to GDP in the overall economy of 1.6%. There was a fall in the financial savings rate of households from 4% in 2015Q1 to 3.5% in 2015Q2. The debt to GDP ratio fell to 70.6% from 71.1% in the same period. Finally, the stock of financial assets on households' balance sheets registered a growth of 0.2%, while there was a 0.1% increase in the stock of financial liabilities.*

## D. Credit institutions. Business Development

Indicator	Source:	Average 1999-2012	2013	2014	2015 September	2015 October	Definition and calculation
28. Bank lending to other resident sectors (monthly average % var.)	Bank of Spain	10.8	-9.5	-4.6	0.6	-0.5	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	9.9	1.3	-1.5	-0.1	-0.5	Deposits percentage change for the sum of banks, savings banks and credit unions
30. Debt securities (monthly average % var.)	Bank of Spain	11.3	-5.1	1.2	0.5	0.1	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	15.5	8.9	-6.8	-1	1.2	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	-1.3	-5.9	-5.9	-5.9	-5.8	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 1999-2012	2013	2014	2015 September	2015 October	Definition and calculation
33. Doubtful loans (monthly average % var.)	Bank of Spain	37.9	17.8	-12.7	-2.1	-1.4	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	-2.1	6.5	-6.1	18.2	-3.9	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	19.6	-1.1	-0.2	1	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 2015 show a decrease in bank credit to the private sector and in financial institutions deposit-taking from the previous month of 0.5% in both cases. Holdings of debt securities grew by 0.1%, while shares and equity increased by 1.2%. Also, doubtful loans decreased 1.4% compared to the previous month.*

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

Indicator	Source:	Average 2000-2012	2013	2014	2015 June	2015 September	Definition and calculation
36. Number of Spanish credit institutions	Bank of Spain	206	155	138	133	135	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	64	86	86	83	81	Total number of foreign credit institutions operating in Spanish territory
38. Number of employees	Bank of Spain	249,001	212,998	203,305	-	-	Total number of employees in the banking sector
39. Number of branches	Bank of Spain	40,630	33,527	31,999	31,412	31,176	Total number of branches in the banking sector
40. Recourse to the Eurosystem (total Eurozone financial institutions) (Euro millions)	Bank of Spain	373,328	665,849	506,285	411,245	354,833 <sup>(a)</sup>	Open market operations and ECB standing facilities. Eurozone total
41. Recourse to the Eurosystem (total Spanish financial institutions) (Euro millions)	Bank of Spain	41,806	201,865	141,338	132,123	132,934 <sup>(a)</sup>	Open market operations and ECB standing facilities. Spain total

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

Indicator	Source:	Average 2000-2012	2013	2014	2015 June	2015 September	Definition and calculation
42. Recourse to the Eurosystem (total Spanish financial institutions): main long term refinancing operations (Euro millions)	Bank of Spain	21,288	19,833	21,115	27,164	10,515 <sup>(a)</sup>	Open market operations: main long term refinancing operations. Spain total

(a) Last data published: December 2015.

Comment on "Credit institutions. Market Structure and Eurosystem Refinancing:" In December 2015, recourse to Eurosystem funding by Spanish credit institutions accounted for 35.5% of net total funds borrowed from the ECB by the Eurozone. This means a 2.74 billion euro decrease in the recourse to the Eurosystem by Spanish banks from November.

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

Indicator	Source:	Average 2000-2012	2013	2014	2015 June	2015 September	Definition and calculation
43. "Operating expenses/gross operating income" of Spain ratio	Bank of Spain	52.27	48.25	47.27	48.47	49.02	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	2,899.17	5,426.09	5,892.09	5,615.85	6,174.30	Productivity indicator (business by employee)
45. "Customer deposits/branches" ratio (Euro thousands)	Bank of Spain	20,102.13	34,472.09	40,119.97	36,139.85	40,263.86	Productivity indicator (business by branch)
46. "Branches/institutions" ratio	Bank of Spain	199.04	216.3	142.85	146.26	144.33	Network expansion indicator
47. "Employees/branches" ratio	Bank of Spain	6.1	6.3	6.8	6.47	6.52	Branch size indicator
48. Equity capital (monthly average % var.)	Bank of Spain	0.12	0.16	0.07	0.17	0.26	Credit institutions equity capital variation indicator
49. ROA	Bank of Spain	0.75	0.13	0.49	0.47	0.47	Profitability indicator, defined as the "pre-tax profit/average total assets"
50. ROE	Bank of Spain	11.2	1.88	6.46	5.93	5.91	Profitability indicator, defined as the "pre-tax profit/equity capital"

Comment on "Credit institutions. Efficiency and Productivity, Risk and Profitability:" In September 2015, most of the profitability and efficiency indicators improved for Spanish banks. Productivity indicators have also improved since the restructuring process of the Spanish banking sector was implemented.