

## KEY FACTS: 50 FINANCIAL SYSTEM INDICATORS – FUNCAS

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

### Highlights

Indicator	Last value available	Corresponding to:
Bank lending to other resident sectors (monthly average % var.)	1.2	June 2016
Other resident sectors' deposits in credit institutions (monthly average % var.)	0.5	June 2016
Doubtful loans (monthly % var.)	-3.0	June 2016
Recourse to the Eurosystem (Eurozone financial institutions, million euros)	178,082	August 2016
Recourse to the Eurosystem (Spanish financial institutions, million euros)	135,501	August 2016
Recourse to the Eurosystem (Spanish financial institutions million euros)- Main L/T refinancing operations	1,279	August 2016
Operating expenses/gross operating income ratio (%)	52.44	March 16
Customer deposits/employees ratio (thousand euros)	5,683.37	March 16
Customer deposits/branches ratio (thousand euros)	36,521.43	March 16
Branches/institutions ratio	235.00	March 16

#### A. Money and interest rates

Indicator	Source:	Average 2000-2013	2014	2015	2016 August	2016 September 15 <sup>th</sup>	Definition and calculation
1. Monetary Supply (% chg.)	ECB	5.6	3.8	4.7	-	-	M3 aggregate change (non-stationary)
2. Three-month interbank interest rate	Bank of Spain	2.49	0.21	-0.02	-0.299	-0.303	Daily data average
3. One-year Euribor interest rate (from 1994)	Bank of Spain	2.76	0.48	0.17	-0.052	-0.054	End-of-month data
4. Ten-year Treasury bonds interest rate (from 1998)	Bank of Spain	4.6	2.7	1.7	1.1	1.1	Market interest rate (not exclusively between account holders)
5. Corporate bonds average interest rate	Bank of Spain	4.5	2.3	2.2	1.7	-	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 -0.303% (from -0.299%) and the 1-year Euribor to -0.054% (from -0.052%) in September. The ECB has not announced any further monetary policy measures but it has anticipated some further actions could be adopted in December. As for the Spanish 10-year bond yield, it has remained at 1.1%.*

## B. Financial markets

Indicator	Source:	Average 2000-2013	2014	2015	2016 June	2016 July	Definition and calculation
6. Outright spot treasury bills transactions trade ratio	Bank of Spain	34.6	75.6	75.5	113.01	82.95	(Traded amount/ outstanding balance) x100 in the market (not exclusively between account holders)
7. Outright spot government bonds transactions trade ratio	Bank of Spain	77.7	73.2	65.3	63.24	58.49	(Traded amount/ outstanding balance) x100 in the market (not exclusively between account holders)
8. Outright forward treasury bills transactions trade ratio	Bank of Spain	0.9	2.6	1.3	0.34	0.46	(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	4.6	3.4	2.03	1.08	(Traded amount/ outstanding balance) in the market (not exclusively between account holders)
10. Three-month maturity treasury bills interest rate	Bank of Spain	2.3	0.1	0.1	-0.02	-0.00	Outright transactions in the market (not exclusively between account holders)
11. Government bonds yield index (Dec1987=100)	Bank of Spain	603.2	1,037.9	1,058.2	1,110.7	1,142.0	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	0.6	0.5	-7.9	5.4	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	3.7	7.0	-0.2	36.2	-24.0	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	1,026.8	1,042.5	965.1	820.9	877.4 <sup>(a)</sup>	Base 1985=100
15. Ibex-35 (Dec1989=3000)	Bank of Spain and Madrid Stock Exchange	9,767.1	10,528.8	10,647.2	8,163.3	8,720.5 <sup>(a)</sup>	Base dec1989=3000
16. Madrid Stock Exchange PER ratio (share value/profitability)	Bank of Spain and Madrid Stock Exchange	16.2	26.1	15.4	18.2	21.6 <sup>(a)</sup>	Madrid Stock Exchange Ratio "share value/ capital profitability"

## B. Financial markets (continued)

Indicator	Source:	Average 2000-2013	2014	2015	2016 June	2016 July	Definition and calculation
17. Long-term bonds. Stock trading volume (% chg.)	Bank of Spain and Madrid Stock Exchange	4.2	7.4	21.3	117.9	32.0	Variation for all stocks
18. Commercial paper. Trading balance (% chg.)	Bank of Spain and AIAF	2.0	-1.3	-0.2	3.8	-0.9	AIAF fixed-income market
19. Commercial paper. Three-month interest rate	Bank of Spain and AIAF	2.7	0.6	0.1	0.1	-	AIAF fixed-income market
20. IBEX-35 financial futures concluded transactions (% chg.)	Bank of Spain	1.3	4.3	1.3	32.5	-20.7	IBEX-35 shares concluded transactions
21. IBEX-35 financial options concluded transactions (% chg.)	Bank of Spain	8.6	6.4	17.7	111.2	-55.3	IBEX-35 shares concluded transactions

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

*Comment on "Financial Markets:." During July, there was a decrease in transactions with outright spot T-bills and of spot government bonds transactions, which stood at 82.9% and 58.5%, respectively. The stock market has recovered to some extent, although volatility is still high, with the IBEX-35 up to 8,721 points, and the General Index of the Madrid Stock Exchange to 877. Additionally, there was a decrease of 20.7% in financial IBEX-35 futures transactions and also a fall of 55.3% in transactions with IBEX-35 financial options.*

## C. Financial Savings and Debt

Indicator	Source:	Average 2007-2012	2013	2014	2015 Q 4	2016 Q 1	Definition and calculation
22. Net Financial Savings/GDP (National Economy)	Bank of Spain	-5.3	2.1	1.0	2.2	2.1	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	3.6	3.4	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	302.4	301.9	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 4	2016 Q 1	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	67.5	66.4	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	2.3	-1.7	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	-0.6	-1.0	Total liabilities percentage change (financial balance)

*Comment on "Financial Savings and Debt:":* During 2016Q1, there was a decrease in financial savings to GDP in the overall economy that reached 2.1% of GDP. There was also a fall in the financial savings rate of households from 3.6% in 2015Q4 to 3.4% in 2016Q1. The debt to GDP ratio fell from 67.5% to 66.4% in the same period. Finally, the stock of financial assets on households' balance sheets registered a decrease of 1.7%, and there was a 1% decrease in the stock of financial liabilities.

## D. Credit institutions. Business Development

Indicator	Source:	Average 2000-2013	2014	2015	2016 May	2016 June	Definition and calculation
28. Bank lending to other resident sectors (monthly average % var.)	Bank of Spain	9.1	-4.6	-4.0	-0.6	1.2	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	9.0	-1.5	-0.1	0.5	0.5	Deposits percentage change for the sum of banks, savings banks and credit unions
30. Debt securities (monthly average % var.)	Bank of Spain	10.1	1.2	-15.2	-1.2	-1.0	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	14.1	-6.8	-6.0	0.7	-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	-1.7	-5.9	-5.2	-5.3	-5.4	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 2000-2013	2014	2015	2016 May	2016 June	Definition and calculation
33. Doubtful loans (monthly average % var.)	Bank of Spain	40.5	-12.7	-22.4	-1.3	-3.0	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	-0.8	-6.1	-30.8	0.8	14.7	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	11.1	-1.1	-1.8	-0.5	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 June 2016 show an increase in bank credit to the private sector of 1.2%. Data also show an increase in financial institutions' deposit-taking of 0.5%. Holdings of debt securities fell by 1%, while shares and equity decreased 0.5%. Also, doubtful loans decreased 3% compared to the previous month.*

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

Indicator	Source:	Average 2000-2012	2013	2014	2015 December	2016 March	Definition and calculation
36. Number of Spanish credit institutions	Bank of Spain	205	155	138	135	131	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	71	86	86	82	81	Total number of foreign credit institutions operating in Spanish territory
38. Number of employees	Bank of Spain	248,277	212,998	203,305	202,954	202,954	Total number of employees in the banking sector
39. Number of branches	Bank of Spain	41,093	33,527	31,999	30,921	30,627	Total number of branches in the banking sector
40. Recourse to the Eurosystem (total Eurozone financial institutions) (Euro millions)	Bank of Spain	412,563	665,849	506,285	354,833	178,082 <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	59,960	201,865	141,338	132,934	135,501 <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 December	2016 March	Definition and calculation
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42. Recourse to the Eurosystem (total Spanish financial institutions): main long term refinancing operations (Euro millions)

Bank of Spain

22,425

19,833

21,115

10,515

1,279<sup>(a)</sup>

Open market operations: main long term refinancing operations. Spain total

(a) Last data published: August 2016.

Comment on "Credit institutions. Market Structure and Eurosystem Refinancing:" In August 2016, recourse to Eurosystem funding by Spanish credit institutions reached 135.5 billion euro. There has been a 1.36 billion euro decrease in the recourse to the Eurosystem by Spanish banks from July.

MEMO ITEM: From January 2015, the ECB also offers information on the asset purchase program. The amount borrowed by Spanish banks in these programs reached 179.4 billion euro in August and 1.33 trillion euro for the entire Eurozone banking system.

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

Indicator	Source:	Average 2000-2012	2013	2014	2015 December	2016 March	Definition and calculation
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43. "Operating expenses/gross operating income" of Spain ratio

Bank of Spain

52.13

48.25

47.27

50.98

52.44

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

3,238.13

5,426.09

5,892.09

5,595.62

5,683.37

Productivity indicator (business by employee)

45. "Customer deposits/branches" ratio (Euro thousands)

Bank of Spain

19,527.14

34,472.09

40,119.97

36,791.09

36,521.43

Productivity indicator (business by branch)

46. "Branches/institutions" ratio

Bank of Spain

202.10

216.30

142.85

229.04

235.00

Network expansion indicator

47. "Employees/branches" ratio

Bank of Spain

6.0

6.35

6.8

6.57

6.43

Branch size indicator

48. Equity capital (monthly average % var.)

Bank of Spain

0.10

0.16

0.07

0.28

0.14

Credit institutions equity capital variation indicator

49. ROA

Bank of Spain

0.51

0.13

0.49

0.42

0.39

Profitability indicator, defined as the "pre-tax profit/average total assets"

50. ROE

Bank of Spain

7.26

1.88

6.46

5.62

4.79

Profitability indicator, defined as the "pre-tax profit/equity capital"

Comment on "Credit institutions. Efficiency and Productivity, Risk and Profitability:" In March 2016, 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.



