

Reference Indexes of the Mortgage Market

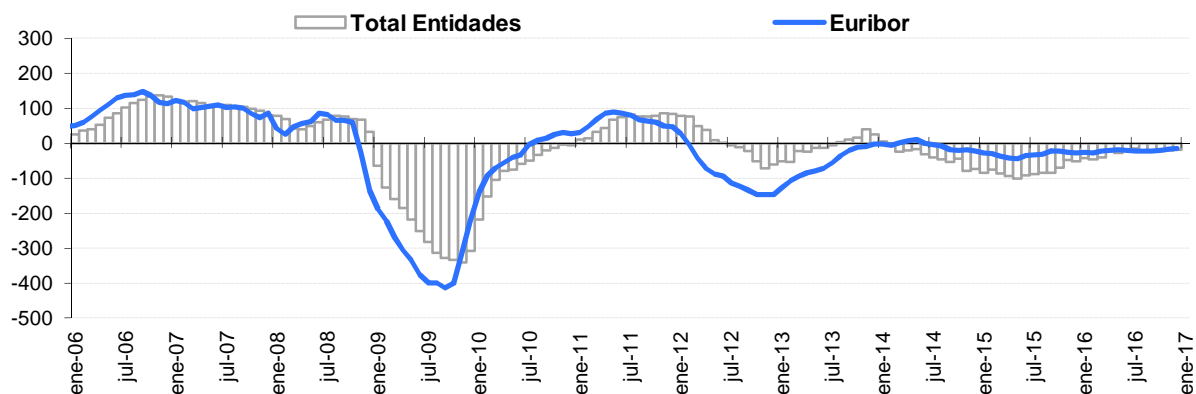
January 17


	Official reference indexes (%)					Other references		
	Total Institutions	Euro Zone (2)	Euribor 12m	Mibor (1)	IRS 5 years (2)	Debt	A.H.E.	Covered Bonds
ene-16	2,014	2,270	0,042	0,042	0,202	0,545	-	0,794
feb-16	2,007	2,230	-0,008	-0,008	0,047	0,525	-	0,824
mar-16	1,919	2,200	-0,012	-0,012	0,025	0,455	1,000	0,851
abr-16	2,030	2,090	-0,010	-0,010	0,024	0,423	-	0,865
may-16	1,890	2,100	-0,013	-0,013	0,020	0,388	-	0,840
jun-16	1,970	2,030	-0,028	-0,028	-0,040	0,358	1,000	0,671
jul-16	2,007	2,000	-0,056	-0,056	-0,140	0,306	-	0,646
ago-16	1,957	1,960	-0,048	-0,048	-0,133	0,224	-	0,573
sep-16	1,903	1,960	-0,057	-0,057	-0,131	0,165	1,250	0,444
oct-16	1,921	1,980	-0,069	-0,069	-0,065	0,110	-	0,245
nov-16	1,936	1,900	-0,074	-0,074	0,083	0,105	-	0,248
dic-16	1,874	1,910	-0,080	-0,080	0,118	0,078	1,000	0,364
ene-17	1,928	1,880	-0,095	-0,095	0,122	0,087	-	0,479

	Inter-monthly variation							
	Total Institutions	Euro Zone (2)	Euribor 12m	Mibor (1)	IRS 5 years (2)	Debt	A.H.E.	Covered Bonds
ago-16	-0,050	-0,040	0,008	0,008	0,007	-0,082	-	-0,073
sep-16	-0,054	0,000	-0,009	-0,009	0,002	-0,059	-	-0,129
oct-16	0,018	0,020	-0,012	-0,012	0,066	-0,055	-	-0,199
nov-16	0,015	-0,080	-0,005	-0,005	0,148	-0,005	-	0,003
dic-16	-0,062	0,010	-0,006	-0,006	0,035	-0,027	-	0,116
ene-17	0,054	-0,030	-0,015	-0,015	0,004	0,009	-	0,115

	Year-on-year variation							
	Total Institutions	Euro Zone (2)	Euribor 12m	Mibor (1)	IRS 5 years (2)	Debt	A.H.E.	Covered Bonds
ago-16	-0,225	-0,300	-0,209	-0,209	-0,528	-0,355	-	0,094
sep-16	-0,214	-0,320	-0,211	-0,211	-0,521	-0,476	0,250	-0,047
oct-16	-0,206	-0,380	-0,197	-0,197	-0,380	-0,555	-	-0,304
nov-16	-0,196	-0,420	-0,153	-0,153	-0,148	-0,549	-	-0,372
dic-16	-0,180	-0,410	-0,139	-0,139	-0,148	-0,519	0,000	-0,341
ene-17	-0,086	-0,390	-0,137	-0,137	-0,080	-0,458	-	-0,315

Chart: year-on-year variation rates



NOTE:

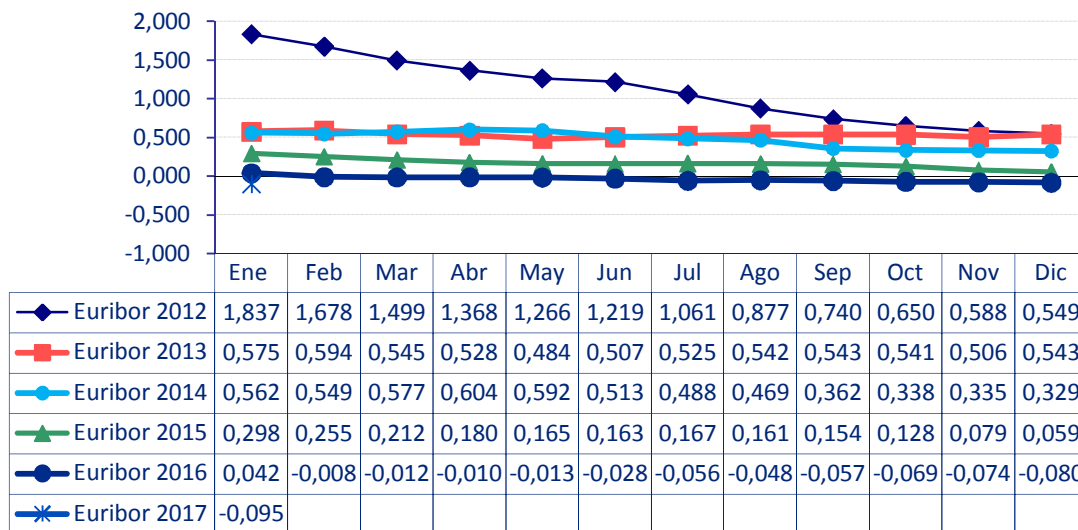
(1) This rate is no longer considered official mortgage market reference for those loans granted after the entry into force of the O.M. De 1 de Diciembre de 1999 (B.O.E. 4th of December).

(2) New references introduced by Orden EHA/2899/2011 of 28th of October. The monthly average is calculated according to the definition established in Circular /2012 of 27th of June of the Bank of Spain.

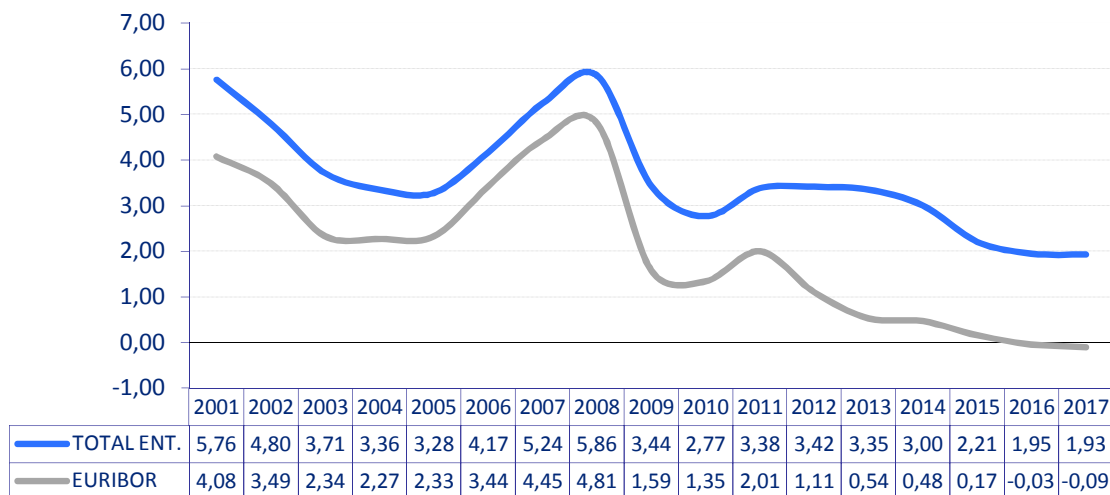
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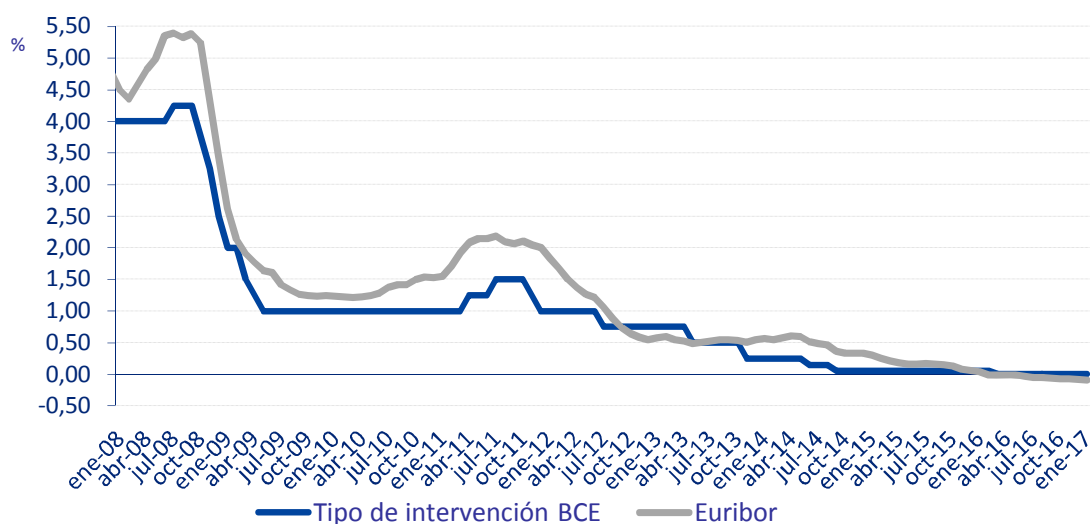
Euribor 12 monthly average



Total institutions and Euribor 12 yearly average



ECB official rate (main refinancing operations) versus Euribor 12



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1. OFFICIAL mortgage market reference rates:	%
Average rate on mortgage loans for house purchase over 3 years granted by Spanish Monetary and Financial Institutions (MFIs)	1,928
Average rate on mortgage loans for house purchase with a maturity between 1-5 years granted by Euro zone MFIs	1,880
Internal Rate of Return (IRR) on government bonds with a residual maturity of 2-6 years	0,087
Interbank 12-month Euribor	-0,095
5 year Interest Rate Swap (IRS)	0,122
Interbank 12-month MÍBOR	-0,095
 2. Other reference rates	
• Resolution 20/6/1986 of the DGT and PF	
Most frequent rate of the MFIs members of the board of the Spanish Mortgage Association	-
Rate at issue of Spanish Covered Bonds (Cédulas Hipotecarias)	0,479
Rate at issue of domestic Government Bonds between 3 and 6 years.....	0,258
• Resolution 5/12/1989 of the DGT and PF	
Government Bonds Nominal Index for half-yearly payments.....	0,087

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