

ECONOMIC BULLETIN
(PREVIOUSLY PUBLISHED ARTICLES)

1990		Page
OCT	International economic developments	5
	The Spanish economy in the third quarter of 1990	15
	EMU: staying the course. (A proposal for a successful Inter-Governmental Conference)	51
	Address by the Governor of the Banco de España at the LI Meeting of the Latin-American and Spanish Central Bank Governors.	59
	Money market and inter-dealer brokers: recent developments and relations with the Banco de España	67
	The economic and financial structure of Spanish firms (1983-1988). An analysis based on data from the Spanish Central Balance Sheet Office	79
	The balance of payments on investment income account (1970-89)	91
1991		
JAN	The Spanish economy: recent trends	7
	Capital flows in the EEC: 1980-88	25
	Address by the Governor of the Banco de España at the presentation organised by the APD in connection with the «Results of the Central Balances Sheet Office».	39
	Closing address by the Governor of the Banco de España at the «Business with Spain» conference organised by the «Financial Times»	43
APR	The Spanish economy in early 1991	7
	Government debt derivatives markets in Spain: institutional framework and workings	29
	Financial disturbances and their effects on liquid assets held by the public. . .	47
	The ecu: current and alternative definitions.	55
	The effects of the peseta joining the ERM on the volatility of Spanish financial variables	69
	Saving, investment and international capital mobility in EC countries	71
JUL	The Spanish economy in the first half of 1991	5
	1990 profit and loss account of banks and savings banks	33
	A return index for a government debt portfolio	47
	Spanish external debt: recent developments	63
	Commercial paper markets: an international comparison	71
	Inter-company credit. An example of financial desintermediation	83
OCT	Quarterly report on the Spanish economy	5
	The Spanish overseas banking network: geographical distribution and activity	29
	A study of the change in the instrumental variable of the monetary control outline in Spain.	45
	Investment and financial constraints: evidence in Spanish manufacturing firms.	49

1992		Page
JAN	Quarterly report on the Spanish economy	5
	Monetary policy in 1992	35
	The reform of monetary aggregates in Spain	41
	Empirical criteria underpinning the selection of the new monetary aggregates	51
	The forward market of the peseta and the exchange rate hedge	59
	Inflation and Economic and Monetary Union: regional aspects	71
	Outstanding Territorial Government debt	85
	Trends in Spanish firms in 1990	101
	Sterilised interventions on the peseta market: 1978-1991	117
	Unit trusts in Spain	121
	Effective taxation of savings income in Spain	137
Inflation, unemployment and the supply constraint in the Spanish economy . . .	147	
APR	Quarterly report on the Spanish economy	5
	The Spanish commercial paper market	29
	Aspects of fiscal policy in Spain: 1985-1991	43
	The book-entry government debt market in Spain	49
	Profit margins, efficiency and market power	55
	Investment, stock market value and financial constraints	57
	Risk, speculation and hedging in a dynamic futures market	61
JUL	Quarterly report on the Spanish economy	5
	Evaluation of the recent behaviour of the monetary and credit aggregates . . .	37
	Determination of the lending and borrowing rates of banks and savings banks	45
	The role of credit in the monetary transmission mechanism	55
	The Spanish Balance of Payments in 1991 and the first quarter of 1992: data and methodology	67
	The peseta as a currency of account in foreign transactions	75
	Analysis of house-price determinants: 1976-1991	81
OCT	Quarterly report on the Spanish economy	5
	The financial accounts of the Spanish economy in 1991	35
	The variability of financial magnitudes in the 1988-1992 period	43
	Interest rates and fiscal discipline in monetary unions	49
	Characteristics of industries and firms receiving foreign investment (1986-1989)	53
	The Balance of Payments in 1991 (revised data) and the first half of 1992 (provisional data)	63
	FRAS, and futures and options on MIBOR	83
	Price and cost convergence in the main European economies	91
1993		
JAN	Quarterly report on the Spanish economy	5
	Monetary policy in 1993	35

1993		Page
JAN	Fiscal discipline in the European Monetary Union: the deficit criterion versus the debt criterion	41
	Recent Spanish stock market developments: 1990-1992	45
	Fixed-term contracts and wage setting in Spanish manufacturing firms	59
	The government debt book-entry trading system: 1991 Central Book-Entry Office Annual Report.	65
	The Balance of Payments in the third quarter of 1992	79
APR	Quarterly report on the Spanish economy	5
	Address by the Governor of the Banco de España to the Spanish Parliamentary Committee on Economic Affairs	17
	Weighted monetary aggregates: the Spanish case.	23
	The financing and debt of non-financial firms and households	29
	Monetary implementation techniques in Spain	37
	Effects of the changes in indirect taxation in 1992	47
	The Balance of Payments in the fourth quarter of 1992	59
JUL	Quarterly report on the Spanish economy	5
	Changes in the Spanish banking system's workings in the period 1989-1992	41
	Foreign investment in government securities markets: the Spanish case	51
	Credibility indicators of an exchange-rate regime: the case of the peseta in the ERM	61
	Interdependence of European economies	67
	Cyclical patterns of the Spanish economy	71
OCT	Quarterly report on the Spanish economy	5
	On the reserve requirement and the process of monetary union.	39
	Investment and operating procedures of non-resident agents in the Government bond market.	47
	Credibility and inflation persistence in the European Monetary System	59
	Institutional aspects of the Spanish labour market compared with other Community countries	65
	Fixed-term employment and its effects on competitiveness	83
	Purchasing power parity: an empirical analysis.	89
1994		
JAN	Quarterly report on the Spanish economy	5
	Monetary policy in 1994.	49
	The performance of Spanish non-financial firms in 1992.	55
	The Spanish securities markets and the common financial area. Recent developments and outlook	69
	The matador bond market	85
APR	Quarterly report on the Spanish economy	5
	The interest rate transmission mechanism: sectoral estimates for Spain.	47
	The British gilt-edged market: some differences from the Spanish bond market	57
	Unemployment benefits in Spain	63

1994		Page	
JUL	The Bretton Woods institutions and the globalisation of financial markets. Closing address by the Governor of the Banco de España at the seminar “The Spanish economy in Europe and the world”	5	
	Quarterly report on the Spanish economy	13	
	Unit trust performance in 1991-1993 and outlook	59	
	The markets for banking operations in Spain: productive specialisation and competition	75	
	The transformation of Spanish large-value payment systems from the perspective of the European Union	79	
	Is exchange-rate risk higher in the ERM after the widening of fluctuation bands?	89	
	Law of Autonomy of the Banco de España	95	
	OCT	Quarterly report on the Spanish economy	5
		Is the ALP long-run demand function stable?	51
		Interrelatedness and cyclical synchrony between Spain and the main economies	55
		Female labour force participation in Spain in the 1980s	65
	1995		
	JAN	Monetary Policy Objectives in 1995: Address by the Governor of the Banco de España to the Spanish Parliamentary Committee on Economic Affairs in November 1994	5
		Quarterly report on the Spanish economy	15
Monetary policy objectives and implementation in 1995		59	
Forecasts of financial flows in 1995		63	
APR	Quarterly report on the Spanish economy	5	
	Results of non-financial firms in the fourth quarter of 1994 and summary year-end data	45	
	Repurchase agreements and indicators of non-residents’ activity	55	
	Do financial derivatives destabilise the spot market? The Spanish experience in the government debt market	71	
	FRAs as pointers to market expectations about interest rates	79	
	Supervision of foreign-exchange risk	85	
JUL	Address by the Governor of the Banco de España, Mr. Luis Ángel Rojo, on his investiture as doctor “honoris causa” by the University of Alcalá de Henares	5	
	Preliminary address by the Governor of the Banco de España to the Parliamentary Committee on Economic, Trade and Public Finance Affairs . . .	15	
	Quarterly report on the Spanish economy	19	
	Non-financial firms in the first quarter of 1995	61	
	The Central Book-Entry Office and the markets for public debt. 1994 annual report	69	
OCT	Quarterly report on the Spanish economy	5	
	The ALP demand equation: short-run properties and use in monetary analysis	49	

1995		Page
OCT	Non-financial firms in the second quarter of 1995.	59
	Capital income in 1990-1994 and outlook	67
	Notes on the new data for external assets and liabilities in the Boletín Estadístico del Banco de España	79
1996		
JAN	Monetary policy objectives in 1996: address by the Governor of the Banco de España to the Spanish Parliamentary Committee on Economic Affairs . . .	5
	Quarterly report on the Spanish economy	11
	Monetary policy objectives and implementation in 1996	57
	Forecast of financial flows in 1996	61
	Non-financial firms in 1994 and to the third quarter of 1995	67
	Unemployment duration in Spain: the effects of benefit duration and of the business cycle	79
APR	Monetary Union. Speech by Mr. Luis Ángel Rojo, Governor of the Banco de España, at the APD Working Lunch.	5
	Quarterly report on the Spanish economy	11
	Results of non-financial firms in the fourth quarter of 1995 and summary year-end data	55
	Volatility in Spanish financial markets: the recent experience.	67
	Productivity and inflation: implications for the Maastricht convergence criteria and for inflation targets after EMU	75
JUL	Quarterly report on the Spanish economy	5
	Non-financial firms in the first quarter of 1996	49
	An empirical investigation into the peseta's exchange rate dynamics	61
	Recent hiring developments in the labour market	67
OCT	Address by the Governor of the Banco de España to the Spanish Parliamentary Commission on Economic Affairs	5
	Quarterly report on the Spanish economy	9
	Results of non-financial firms in the second quarter of 1996.	57
	Spanish securities markets: implications of the single market and currency. . . .	67
	An empirical analysis of ex ante real interest rates in Spain.	85
1997		
JAN	Presentation by the Governor of the Banco de España of the monetary policy objectives for the Spanish Parliamentary Commission on Economic Affairs	5
	Quarterly report on the Spanish economy	11
	Monetary policy objectives and implementation in 1997.	59
	Forecasts of financial flows in 1997	63
	Non-financial firms in 1995 and to the third quarter of 1996	71
APR	Quarterly report on the Spanish economy	5
	Results of non-financial firms in the fourth quarter of 1996 and summary year-end data	49

1997		Page
APR	The exchange rate as an instrument of macroeconomic adjustment: empirical evidence and relevance for European Monetary Union	61
	Stabilising effects of fiscal policy.	69
JUL	Quarterly report on the Spanish economy	5
	Results of non-financial firms in the first quarter of 1997.	51
	The use of monetary conditions indices from a central bank's viewpoint.	63
	Net bank and savings-bank indebtedness vis-à-vis the Banco de España and intermediation activity	73
OCT	Address by the Governor of the Banco de España to the Spanish Parliamentary Budget Committee	5
	Quarterly report on the Spanish economy	9
	Results of non-financial firms in the second quarter of 1997.	53
	An approximation to changes in the market value of financial wealth	65
1998		
JAN	Presentation by the Governor of the Banco de España of the monetary policy objectives for 1998 to the Spanish Parliamentary Commission on Economic Affairs	5
	Quarterly report on the Spanish economy	11
	Monetary policy objectives and implementation in 1998.	55
	Results of non-financial firms in 1996 and to the third quarter of 1997	59
	Madrid Clearing House: the Spanish interbank payment service.	73
	Financial regulation: fourth quarter of 1997.	83
APR	Appearance by the Governor of the Banco de España before the Spanish Parliamentary Committee on Economic Affairs	5
	Convergence report presented by the Governor of the Banco de España to the Spanish Parliamentary Committee on Economic Affairs	9
	Quarterly report on the Spanish economy	29
	Results of non-financial firms in the fourth quarter of 1997 and summary year-end data	69
	The nature of monetary transmission mechanisms in Spain and in the main European countries	81
	Comparison between banks' consolidated profit and loss accounts in Spain and in European Economic Area countries in 1996.	97
	Financial regulation: first quarter of 1998	103
JUL	Quarterly report on the Spanish economy	7
	Results of non-financial firms in the first quarter of 1998.	51
	Implications for central bank conduct of the development of electronic money	63
	Indicators of prices, cost and margins in the various productive branches	73
	Financial regulation: second quarter of 1998	81
OCT	Quarterly report on the Spanish economy	7
	Results of non-financial firms in the second quarter of 1998.	53
	The controllability of monetary aggregates	65
	Financial regulation: third quarter 1998.	71

1999		Page
JAN	Appearance by the Governor of the Banco de España before the Spanish Parliamentary Committee on Economic, Trade and Finance Affairs	7
	Quarterly report on the Spanish economy	13
	Results of non-financial firms in 1997 and in the first three quarters of 1998 . . .	55
	Is there scope for inflation differentials in EMU?	69
	Financial regulation: fourth quarter 1998.	75
APR	Quarterly report on the Spanish economy	7
	Results of non-financial firms in the fourth quarter of 1998 and summary year-end data	47
	Financial regulation: first quarter 1999	57
JUL	Quarterly report on the Spanish economy	9
	Results of non-financial firms in the first quarter of 1999.	51
	Financial regulation: second quarter of 1999	61
OCT	Quarterly report on the Spanish economy	9
	Results of non-financial firms in the second quarter of 1999.	51
	Unit labour costs and monetary policy decision-making in the context of EMU . .	63
	Financial regulation: third quarter of 1999.	73
2000		
JAN	Quarterly report on the Spanish economy	9
	Results of non-financial firms in 1998 and in the first three quarters of 1999 . . .	51
	Spanish financial markets and intermediaries	65
	Financial regulation: fourth quarter of 1999.	99
APR	Quarterly report on the Spanish economy	9
	Results of non-financial firms in 1999 Q4 and summary year-end data.	49
	Interpreting inflation differentials in the euro area.	61
	The disinflation process in Spain. A look at the role of wages	71
	Financial regulation: first quarter 2000	79
JUL	Quarterly report on the Spanish economy	9
	Results of non-financial corporations in 2000 Q1	51
	Presentation of the financial accounts of the Spanish economy	63
	Financial regulation: second quarter of 2000	81
OCT	Quarterly report on the Spanish economy	9
	Results of non-financial corporations in 2000 Q2	59
	Financial regulation: 2000 Q3.	71
2001		
JAN	Quarterly report on the Spanish economy	9
	Results of non-financial corporations in 1999 and the first three quarters of 2000.	53
	Financial regulation: 2000 Q4.	69

2001		Page
APR	Quarterly report on the Spanish economy	9
	Results of non-financial corporations in 2000 Q4 and summary year-end data	53
	Financial regulation: 2001 Q1	67
JUL	Quarterly report on the Spanish economy	9
	Results of non-financial corporations in 2001 Q1	55
	The opening up of the network industries to competition: regulatory aspects and effects on prices	67
	Financial regulation: 2001 Q2	79
OCT	Quarterly report on the Spanish economy	9
	Results of non-financial corporations in 2001 Q2	55
	The implications of the conversion of prices into euro for inflation	67
	The contribution of information and communication technologies to the growth of the Spanish economy	73
	Using indicators to monitor real convergence	81
	Financial regulation: 2001 Q3	89
2002		
JAN	Quarterly report on the Spanish economy	9
	Results of non-financial corporations in 2000 and the first three quarters of 2001	57
	Quality bias in the measurement of prices: empirical evidence and macroeconomic implications for Spain	71
	Financial regulation: 2001 Q4	85
APR	Quarterly report on the Spanish economy	9
	Results of non-financial corporations in 2001 Q4 and summary year-end data	55
	Financial regulation: 2002 Q1	67
JUL	Quarterly report on the Spanish economy	9
	Results of non-financial corporations in 2002 Q1	55
	The new framework for the Spanish regional (autonomous) governments.	67
	Financial regulation: 2002 Q2	75
OCT	Address by the Governor of the Banco de España, Jaime Caruana, to the Spanish Parliamentary Budget Committee	9
	Quarterly report on the Spanish economy	13
	Results of non-financial corporations to 2002 Q2	63
	The housing market in Spain	75
	Productive investment in the recent cycle	85
	Financial regulation: 2002 Q3	93
2003		
JAN	Quarterly report on the Spanish economy	9
	Results of non-financial corporations in 2001 and in the first three quarters of 2002	55

2003		Page
JAN	Persistent inflation differentials in Europe	71
	The effects of economic integration on the specialisation and geographical distribution of industrial activity in the EU countries	77
	The Spanish experience in EU accession	89
	The significance of sectoral composition in recent stock market developments	95
	Financial regulation: 2002 Q4	101
APR	Quarterly report on the Spanish economy	9
	Results of non-financial corporations in 2002 Q4 and summary year-end data	55
	The Argentine crisis a year on	67
	How relevant are balance-of-payments disequilibria in the industrialised countries? The case of the euro area and the United States	73
	Financial regulation: 2003 Q1	83
JUL	Quarterly report on the Spanish economy	9
	Results of non-financial corporations in 2003 Q1	57
	Comparative analysis of export demand for manufactures in the euro area countries	67
	Financial regulation: 2003 Q2	77
OCT	Quarterly report on the Spanish economy	9
	Results of non-financial corporations in 2003 Q2	57
	House prices in Spain	69
	The determinants of competitiveness and its indicators for the Spanish economy	75
	Financial regulation: 2003 Q3	89
2004		
JAN	Quarterly report on the Spanish economy	9
	Results of non-financial corporations in 2002 and in the first three quarters of 2003.	57
	Determination of manufacturing exports in the euro area countries using a supply-demand model	73
	Financial regulation: 2003 Q4	83
APR	Quarterly report on the Spanish economy	9
	Results of non-financial corporations in 2003 Q4 and summary year-end data	55
	Half-yearly report on the Latin-American economy	65
	A comparison between bank rates in Spain and in the euro area (This article is only available in the electronic version of this Bulletin at www.bde.es).	
	Spanish export market share in the past decade	81
	Financial regulation: 2004 Q1	91
JUL	Quarterly report on the Spanish economy	9
	Results of non-financial corporations in 2004 Q1	69

2004		Page
JUL	The effects of EU enlargement on the Spanish economy: productive structures and trade flows	83
	An estimate of the equilibrium interest rate in the United States and Germany	97
	Financial regulation: 2004 Q2	105
OCT	Quarterly report on the Spanish economy	11
	Results of non-financial corporations to 2004 Q2	69
	Half-yearly report on the Latin American economy	83
	Financial regulation: 2004 Q3	109
2005		
JAN	Quarterly report on the Spanish economy	11
	Results of non-financial corporations in 2003 and in the first three quarters of 2004	69
	Survey of Household Finances (EFF): description, methods, and preliminary results	89
	Has the pass-through of movements in the euro exchange rate into import prices changed since the start of EMU?	111
	Financial regulation: 2004 Q4	125
APR	Quarterly report on the Spanish economy	13
	Results of non-financial corporations to 2004 Q4 and summary year-end data	71
	Half-yearly report on the Latin American economy	87
	Financial regulation: 2005 Q1	113
JUL	Quarterly report on the Spanish economy	11
	Results of non-financial corporations in 2005 Q1	71
	The wealth of Spanish households: a microeconomic comparison with the United States, Italy and the United Kingdom	87
	Financial regulation: 2005 Q2	111
OCT	Quarterly report on the Spanish economy	11
	Results of non-financial corporations to 2005 Q2	71
	Half-yearly report on the Latin American economy	87
	Financial regulation: 2005 Q3	115
2006		
JAN	Quarterly report on the Spanish economy	11
	Results of non-financial corporations in 2004 and in the first three quarters of 2005.	73
	Inflation differentials in the euro area: the case of the Spanish economy	95
	Financial regulation: 2005 Q4	107

2006		Page
APR	Quarterly report on the Spanish economy	11
	Results of non-financial corporations to 2005 Q4 and summary year-end data	71
	Half-yearly report on the Latin American economy	87
	IMF financial facilities: signalling versus insurance.	115
	Financial regulation: 2006 Q1	129
JUL	Quarterly report on the Spanish economy	11
	Results of non-financial corporations in 2006 Q1	67
	House prices in Spain: is the evidence of overvaluation robust?	83
	Workers' remittances in the Spanish Balance of Payments.	93
	Macroeconomic divergences between euro area countries: size, causes and implications	119
	Financial regulation: 2006 Q2	135
OCT	Appearance by the Governor of the Banco de España, Miguel Fernández Ordóñez, before the Parliamentary Budget Committee	11
	Appearance by the Governor of the Banco de España, Miguel Fernández Ordóñez, before the Senate Budget Committee	21
	Quarterly report on the Spanish economy	31
	Results of non-financial corporations to 2006 Q2	91
	Half-yearly report on the Latin American economy	107
	Financial regulation: 2006 Q3	137
2007		
JAN	Quarterly report on the Spanish economy	11
	Results of non-financial corporations in 2005 and in the first three quarters of 2006.	69
	Cyclical characteristics of the Spanish economy in the period 1980-2005 . . .	89
	Estimates of the potential growth rate of the Spanish economy	99
	Financial regulation: 2006 Q4	107
APR	Quarterly report on the Spanish economy	13
	Results of non-financial corporations to 2006 Q4 and summary year-end data.	69
	Half-yearly report on the Latin American economy	85
	Overnight interest rate volatility and its transmission along the euro area money market yield curve	113
	Current accounts in the euro area: an intertemporal approach	121
	Financial regulation: 2007 Q1	131
JUL	Testimony of the Governor of the Banco de España, Miguel Fernández Ordóñez, to the Parliamentary Committee on Financial Affairs	11
	Quarterly report on the Spanish economy	21
	Results of non-financial corporations in 2007 Q1	81
	Labour share developments in the euro area	97

2007		Page
JUL	Financial regulation: 2007 Q2	111
OCT	Testimony of the Governor of the Banco de España, Miguel Fernández Ordóñez, to the Parliamentary Committee on Financial Affairs	11
	Testimony of the Governor of the Banco de España, Miguel Fernández Ordóñez, to the Parliamentary Budget Committee	21
	Quarterly report on the Spanish economy	31
	Results of non-financial corporations to 2007 Q2	91
	Half-yearly report on the Latin American economy	107
	Capacity utilisation and its relationship to inflation in the euro area	133
	Financial regulation: 2007 Q3	143
2008		
JAN	Quarterly report on the Spanish economy	13
	Results of non-financial corporations in 2006 and in the first three quarters of 2007.	73
	Survey of Household Finances (EFF) 2005: methods, results and changes between 2002 and 2005	91
	Flexicurity as a model for European labour markets	125
	The internationalisation of Spanish firms through foreign direct investment	143
	Simplification of IMF lending	155
	Financial regulation: 2007 Q4	169
APR	Situation of the Spanish economy and financial sector. Opening remarks by the Governor of the Banco de España, Miguel Fernández Ordóñez, at the XV Financial Sector Meeting	11
	Quarterly report on the Spanish economy	23
	Spanish economic projections report	81
	Results of non-financial corporations to 2007 Q4 and summary year-end data	93
	Half-yearly report on the Latin American economy	107
	A model for the real-time forecasting of GDP in the euro area (EURO-STING).	131
	The composition of public spending in Europe and long-term growth.	141
	Financial regulation: 2008 Q1	155
JUL	Quarterly report on the Spanish economy	11
	Results of non-financial corporations in 2008 Q1	75
	Commodities, inflation and monetary policy: a global perspective	93
	Labour market trends in the euro area in the last decade	111
	Indexed bonds and inflation expectations in the euro area	127
	Financial regulation: 2008 Q2	141
OCT	Testimony of the Governor of the Banco de España, Miguel Fernández Ordóñez, to the Parliamentary Budget Committee	11
	Quarterly report on the Spanish economy	21

2008		Page
OCT	Results of non-financial corporations in 2008 Q2	81
	Half-yearly report on the Latin American economy	97
	Wealth inequality and household structure: a comparison between Spain and the United States.	123
	Financial regulation: 2008 Q3.	133
2009		
JAN	Quarterly report on the Spanish economy	11
	Results of non-financial corporations in 2007 and in the first three quarters of 2008.	73
	Changes in the loan-deposit gap and in its funding in the current decade . . .	91
	European labour market reforms in the period 2000-2006	101
	Financial regulation: 2008 Q4.	113
APR	Testimony of the Governor of the Banco de España, Miguel Fernández Ordóñez, to the Parliamentary Committee on Economic and Financial Affairs	11
	“The Spanish economy after the crisis”. Opening address by the Governor of the Banco de España, Miguel Fernández Ordóñez, at the “IV Conference on the unique features of Spanish savings banks”	21
	Quarterly report on the Spanish economy	31
	Spanish economic projections report	95
	Results of non-financial corporations to 2008 Q4 and summary year-end data.	109
	Report on the Latin American economy. First half of 2009	125
	The challenges the international financial crisis poses for the Spanish economy	151
	A disaggregated view of the cyclical developments in euro area investment . .	165
Financial Regulation: 2009 Q1	179	
JUL	Testimony of the Governor of the Banco de España, Miguel Fernández Ordóñez, to the Parliamentary Committee on Economic and Financial Affairs	11
	Quarterly report on the Spanish economy	21
	Results of non-financial corporations in 2009 Q1	85
	The functioning of the labour market and unemployment growth in Spain . . .	103
	Pros and cons of various fiscal measures to stimulate the economy.	123
	Survey of non-financial corporations on conditions of access to credit	145
	The economic and financial crisis, policy responses and their impact on public finances. A global perspective	159
Financial regulation: 2009 Q2.	179	
OCT	Governor's testimony before the Parliamentary Budget Committee	11
	Quarterly report on the Spanish economy	21
	Results of non-financial corporations to 2009 Q2.	85
	Report on the Latin American economy. Second half of 2009	99
	Do institutional changes affect business cycles?	127
	Financial regulation: 2009 Q3.	137

2010		Page	
JAN	Quarterly report on the Spanish economy	11	
	Results of non-financial corporations in 2008 and in the first three quarters of 2009.	75	
	A comparison of recent real estate cycles in Spain, the United States and the United Kingdom	93	
	A constant market share analysis of the euro area in the period 1994-2007 . .	105	
	International debt markets after the financial crisis	121	
	Financial regulation: 2009 Q4.	139	
	APR	Quarterly report on the Spanish economy	11
		Spanish economic projections report	69
		Results of non-financial corporations to 2009 Q4 and summary year-end data. .	85
		Report on the Latin American economy. First half of 2010	101
		Employment fluctuations in a dual labour market	129
		Foreign trade in non-tourism services in Spain	139
		Financial regulation: 2010 Q1.	149
	JUL	Testimony of the Governor of the Banco de España to the Parliamentary Committee on Economic and Financial Affairs on the occasion of the presentation of the 2009 Annual Report	11
		Quarterly report on the Spanish economy	21
Results of non-financial corporations in 2010 Q1		85	
Debt of Spanish non-financial corporations. Development over time and comparison with the euro area.		99	
Cyclical migration patterns		113	
The cyclical behaviour of residential investment: some stylised facts		123	
Financial regulation: 2010 Q2.		131	
OCT	Testimony by the Governor before the Parliamentary Budget Committee in relation to the draft State Budget for 2011	11	
	Quarterly report on the Spanish economy	21	
	Results of non-financial corporations to 2010 Q2.	83	
	Report on the Latin American economy. Second half of 2010	99	
	A possible role for asymmetrical standing facilities in liquidity management . .	129	
	Financial regulation: 2010 Q3.	137	
2011			
JAN	Quarterly report on the Spanish economy	11	
	Results of non-financial corporations in 2009 and in the first three quarters of 2010.	73	
	The residential investment adjustment in Spain: the current situation	91	
	Holdings of liquid assets, firm size and access to external financing: an analysis for the euro area.	105	
	The repositioning of the large emerging economies in the world economy . . .	113	
	Financial regulation: 2010 Q4.	131	
APR	Quarterly report on the Spanish economy	11	
	Spanish economic projections report	71	
	Results of non-financial corporations to 2010 Q4 and summary year-end data. .	87	
	Report on the Latin American economy. First half of 2011	103	

2011		Page
APR	Sovereign CDS premia during the crisis and their interpretation as a measure of risk	133
	Wage adjustment to shocks in Spain	143
	Financial regulation: 2011 Q1	155
JUL	Quarterly report on the Spanish economy	11
	Results of non-financial corporations in 2011 Q1	73
	Survey of Household Finances (EFF) 2008: methods, results and changes since 2005	89
	The effect on purchase decisions of returns on housing as an investment: empirical evidence based on the Spanish Survey of Household Finances . .	125
	Financial regulation: 2011 Q2	135
OCT	Quarterly report on the Spanish economy	11
	Results of non-financial coprorations in 2011 Q2	75
	Report on the Latin American economy. Second half of 2011	91
	The role of central banks in the financial crisis: lessons for the future	121
	The reform of the fiscal framework in Spain: constitutional limits and the new public spending growth rule	137
	The process of economic adjustment following financial crises: a historical perspective	157
	Financial regulation: 2011 Q3	175
2012		
JAN	Quarterly report on the Spanish economy	3
	Spanish economic projections report	61
	Results of non-financial corporations in 2010 and in the first three quarters of 2011	75
	Labour flows in the EU at the beginning of the crisis.	91
	Competitiveness indicators: the importance of an efficient allocation of resources	103
	Financial regulation: 2011 Q4	113
APR	Testimony by the Governor of the Banco de España, Miguel Fernández Ordóñez, before the Parliamentary Committee on Budget Affairs	3
	Quarterly report on the Spanish economy	9
	Results of non-financial corporations to 2011 Q4 and summary year-end data .	67
	The import content of the industrial sectors in Spain	81
	A real-time disaggregated forecasting model for euro area GDP	93
	Report on the Latin American economy. First half of 2012	105
	Financial regulation: 2012 Q1	131
JUL	Testimony by the Governor of the Banco de España, Luis M. Linde, before the Parliamentary Committee on Economic Affairs and Competitiveness . .	3
	Quarterly report on the Spanish economy	11
	Results of non-financial corporations in 2012 Q1	73
	The adjustment of the external imbalance in the Spanish economy	85
	Sectoral change and implications for occupational mismatch in Spain	97
Financial regulation: 2012 Q2	107	

2012		Page
SEP	Results of non-financial corporations to 2012 Q2	3
	Analysis of recent changes in bank deposits in Spain	15
OCT	Testimony by the Governor of the Banco de España, Luis M. Linde, before the Parliamentary Budget Committee in connection with the draft State Budget for 2013	3
	Quarterly report on the Spanish economy. Overview	13
	Analysis of the import activity of European firms	21
	Report on the Latin American economy. Second half of 2012	37
	Financial regulation: 2012 Q3	65
NOV	Results of non-financial corporations in 2011 and in the first three quarters of 2012	3
DEC	An estimation of the impact changes in the minimum wage have on employment	3
	The role of credit as a predictor of the economic cycle	11
2013		
JAN	Quarterly report on the Spanish economy	3
	Spanish non-financial corporations' debt since the start of the crisis. A disaggregated analysis	15
	Financial regulation: 2012 Q4	23
FEB	Statistical effects on Spanish credit institutions' balance sheets of the recent restructuring and recapitalisation operations	3
	Changes in bank capital and lending: a microeconomic approach	9
MAR	Spanish economic projections report	3
	Results of non-financial corporations to 2012 Q4 and summary year-end data	15
APR	Quarterly report on the Spanish economy	3
	The new Budgetary Stability Law	13
	Employment in the euro area in 2012	27
	Report on the Latin American economy: first half of 2013	35
	Financial regulation: 2013 Q1	63
MAY	The export activity and non-price competitiveness of European firms	3
JUN	Testimony by the Governor of the Banco de España, Luis M. Linde, before the Parliamentary Committee on the Economy and Competitiveness	3
	Results of non-financial corporations in 2013 Q1	11
JUL-AUG	Quarterly report on the Spanish economy	3
	Variation in the cyclical sensitivity of Spanish inflation: an initial approximation	11

2013		Page
JUL-AUG	Developments in Spanish public debt since the start of the crisis	19
	The European Central Bank's response to the crisis	37
	Financial Regulation: 2013 Q2	47
SEP	Results of non-financial corporations to 2013 Q2	3
	The 2012 labour reform: an initial analysis of some of its effects on the labour market	17
	Changes in household saving and consumption in Spain during the crisis . . .	27
OCT	Testimony by the Governor of the Banco de España, Luis M. Linde, before the Parliamentary Budget Committee in connection with the draft State Budget for 2014.	3
	Quarterly report on the Spanish economy	11
	An analysis of the situation of lending in Spain	19
	Report on the Latin American economy. Second half of 2013	37
	Financial regulation: 2013 Q3	63
NOV	Results of non-financial corporations in 2012 and in the first three quarters of 2013.	3
	Private-sector deleveraging channels: an international comparison	19
DEC	Recent developments in non-financial corporations' mark-ups.	3
2014		
JAN	Quarterly report on the Spanish economy	3
	Survey of household finances (EFF) 2011: methods, results and changes since 2008	13
	Bank lending to Spanish corporations in terms of their size. An analysis based on the joint exploitation of information from the CCR and the CBI.	45
	Does the International Monetary Fund have sufficient financial resources? . . .	53
	Financial regulation: 2013 Q4	65
FEB	Employment and unemployment in 2013 according to the Spanish Labour Force Survey	3
	ECB action and the Spanish economy during the first fifteen years of the euro . . .	11
	Analysis of composition effects on wage behaviour	25
	Global funding trends on the capital markets in 2013	29
MAR	Spanish economic projections report	3
	Results of non-financial corporations to 2013 Q4 and summary year-end data . .	15
	The world economy faced with a change in scenario. Developments, outlook and risks.	31
APR	Quarterly report on the Spanish economy	3
	Report on the Latin American economy: first half of 2014	15
	Assessment of external imbalances and country risk perception	43
	Financial regulation: 2014 Q1	55

2014		Page
JUN	Testimoy by the Governor of the Banco de España, Luis M. Linde, before the Parliamentary Committee on the Economy and Competitiveness	3
	Results of non-financial corporations in 2014 Q1	11
	A disaggregated analysis of recent developments in lending to corporations .	25
JUL-AUG	Quarterly report on the Spanish economy.	3
	The new revaluation and sustainability factor of the Spanish pension system .	13
	Impact of restructuring plans on lending to non-financial corporations	23
	Financial regulation: 2014 Q2.	33
SEP	Results of non-financial corporations to 2014 Q2.	3
OCT	Testimony by the governor of the Banco de España, Luis M. Linde, before the Parliamentary Budget Committee in connection with the Draft State Budget for 2015	3
	Quarterly report on the Spanish economy	9
	A procedure for short-term GDP forecasting	29
	A disaggregated analysis of the determinants of the increase in lending rate spreads in Spain during the crisis	37
	Report on the Latin American economy. Second half of 2014	47
	Financial regulation: 2014 Q3.	73
NOV	Results of non-financial corporations in 2013 and in the first three quarters of 2014.	3
	The international investment position of Spain in the first half of 2014.	19
DEC	Quarterly report on the Spanish economy	3
	Financing in the US and UK recoveries.	9
2015		
JAN	Recent behaviour of the trade credit of non-financial firms in Spain	3
	Financial regulation: 2014 Q4.	13
FEB	Employment and unemployment in 2014, according to the Spanish Labour Force Survey	3
MAR	Quarterly report on the Spanish economy	3
	Results of non-financial corporations. 2014 Q4 and summary year-end data .	15
	Adjustment and growth prospects in the developed economies.	29
	Global funding trends on the capital markets in 2014.	45
APR	Situation of and outlook for the global economy and the start of 2015.	3
	Collective bargaining, wage rigidities and employment: an analysis using microeconomic data.	27
	Report on the Latin American economy. First half of 2015	33
	Financial regulation: 2015 Q1.	59

2015		Page
MAY	The cyclical resilience and determinants of the participation rate in Spain	3
JUN	Quarterly report on the Spanish economy	3
	Results of non-financial corporations in 2015 Q1	9
	Wage response to changes in the cyclical situation: an estimate based on MCVL social security administrative labour records.	21
JUL-AUG	Financial regulation: 2015 Q2	3
SEP	Testimony by the Governor of the Banco de España, Luis M. Linde, before the Senate in connection with the Draft State Budget for 2016.	3
	Quarterly report on the Spanish economy	9
	Results of non-financial corporations in 2015 Q2	17
	Consumption dynamics in Spain by product type.	29
	Spanish credit market activity and structure, 2004-2015	39
OCT	Household formation and the need for new primary dwellings in the medium term	3
	Report on the Latin American economy: second half of 2015.	17
	Financial regulation: 2015 Q3.	43
NOV	Results of non-financial corporations in 2014 and the first three quarters of 2015.	3
	Asymmetries in the relationship between inflation and activity.	19
DEC	Quarterly report on the Spanish economy	3
	The internationalisation of Spanish SMEs: main developments and their determinants Euro area corporate debt issuance during the crisis	29
2016		
JAN	The global real interest rate: past developments and outlook	3
	The weakness of business investment in the advanced economies	13
	Financial regulation: 2015 Q4.	27
FEB	Regional government access to market funding: international experience and recent developments	3
MAR	Quarterly report on the Spanish economy	3
	Results of non-financial corporations up to 2015 Q4. Summary year-end data	11
APR	The Eurosystem's quantitative easing measures and the financial account . . .	3
	Report on the Latin American economy: first half of 2016.	15
MAY	The Balance of Payments and International Investment Position of Spain in 2015.	3
	Developments in Spanish public debt in 2015	21

2016		Page
JUN	Quarterly report on the Spanish economy	3
	Results of non-financial corporations in 2016 Q1	19
	Financial flows and balance sheets of households and non-financial corporations in 2015	33
JUL-AGO	The recent application of negative policy interest rates in the euro area in other economies: rationale and preliminary evidence on their effects.	3
SEP	Quarterly report on the Spanish economy	3
	Results of non-financial corporations in the first half of 2016	23
	Skills mismatch between labour supply and demand in Spain	35
	The challenges for monetary policy normalisation in the United States in the current economic situation	45
OCT	Synergies between monetary policy and national policies in a Monetary Union	3
	Report on the Latin American economy: second half of 2016.	11
	Islamic finance: developments and outlook	33
NOV	Results of non-financial corporations in 2015 and in the first three quarters of 2016.	3
	National Productivity Boards	19
	The Eurosystem corporate sector purchase programme and its effect on the external financing of Spanish non-financial corporations.	27
	Determinants and implications of low global inflation rates	34
DIC	Quarterly report on the Spanish economy	3
	Thresholds in the relationship between inflation and economic activity	18
	Inclusion of the renminbi in the special drawing rights basket: technical and economic implications	24
2017		
	As from January 2017, four quarterly bulletins are published annually. In addition to the <i>Quarterly report on the Spanish economy</i>, each bulletin includes links to the analytical articles and economic notes published in the course of each quarter.	
1	Quarterly report on the Spanish economy	3
	Analytical Articles	51
	Results of non-financial corporations: summary 2016 year-end data	
	Situation of and outlook for the world economy at the start of 2017	
	The natural interest rate: concept, determinants and implications for monetary policy	
	Global funding trends in capital markets in 2016	
	Services regulation, input prices and exports	
	Towards efficient capital flow management	
	Macroeconomic uncertainty: measurement and impact on the Spanish economy	
	Survey of Household Finances (EFF) 2014: methods, results and changes since 2011	

2017		Page
	Economic Notes Changes in the degree of financial pressure borne by Spanish non-financial corporations: 2007-2016 Population of Spain: latest developments and projections	54
2	Quarterly report on the Spanish economy Analytical Articles Results of non-financial corporations in 2017 Q1 The recovery of private consumption in Spain by product type and household Federal unemployment insurance in the United States Economic and financial performance of Spanish non-financial corporations during the economic crisis and the first years of recovery. A comparative analysis with the euro area The effect of oil price fluctuations on Spanish inflation The Balance of Payments and International Investment Position of Spain in 2016 Report on the Latin American economy. First half of 2017 The cost of interventions in the financial sector since 2008 in the EU countries	3 47
3	Quarterly report on the Spanish economy Analytical Articles Results of non-financial corporations for 2017 Q1-Q2 Regional convergence in Spain: 1980-2015 The impact of unconventional monetary policy on euro area public finances The EU's new-generation trade agreements: the CETA treaty The oil market: recent developments and outlook Private-sector economic developments in the euro area in 2016 Inflation expectation indicators based on financial instrument prices The July 2017 Bank Lending Survey in Spain Spain in the global value chains Spanish deposit-taking institutions' net interest income and low interest rates	3 45
4	Quarterly report on the Spanish economy Analytical Articles Migratory pressures in the long run: international migration projections to 2050 Results of non-financial corporations in 2016 and in the first three quarters of 2017 Contingent convertible bonds and subordinated debt of euro area credit institutions An assessment of the effectiveness of rebates for keeping the over-60s in employment Human capital formation in the labour market The October 2017 Bank Lending Survey in Spain Report on the Latin American economy. Second half of 2017 A short-term forecasting model for GDP and its demand components	3 47

2017		Page
	China's economic imbalances and the role of the financial sector Economic Notes General government employment over the past decade Developments in public investment during the crisis and the recovery	51
2018		
1	Quarterly report on the Spanish economy Analytical Articles Global funding trends in capital markets in 2017 The flattening of the yield curve in the United States Euro area inflation expectations The role of the social environment in household consumption decisions in Spain The January 2018 Bank Lending Survey in Spain The effects of the Eurosystem's corporate sector purchase programme on Spanish companies Labour market participation rate in the euro area: performance and outlook, a long-term view	3 51
2	Quarterly report on the Spanish economy Analytical Articles Results of non-financial corporations in 2018 Q1 Financial flows and balance sheets of households and non-financial corporations in 2017 The IMF's concessional lending policy: situation and outlook An analysis of the trade exposure of Spanish firms to the United Kingdom The balance of payments and international investment position of Spain in 2017 Report on the Latin American economy. First half of 2018 The April 2018 Bank Lending Survey in Spain Global economic situation and outlook at the start of 2018 Economic Notes Developments in public debt in Spain in 2017	5 51 55
3	Quarterly report on the Spanish economy Analytical Articles Results of non-financial corporations in the first half of 2018 Creditor countries and debtor countries: some asymmetries in the dynamics of external wealth accumulation Monetary policy implications of central bank-issued digital currency The July 2018 Bank Lending Survey in Spain Investment and financing of Spanish non-financial corporations: an analysis using firm-level data Recourse to Eurosystem funding by Spanish banks Trade patterns of China and India Economic Notes Reference variables for analysing inflation in Spain	5 51 55

2018		Page
4	Quarterly report on the Spanish economy Analytical Articles The increase in TARGET balances in the euro area since 2015 Results of non-financial corporations in 2017 and in the first three quarters of 2018 The International Monetary Fund and its role as a guarantor of global financial stability Recent developments in non-bank financing of Spanish firms Argentina: economic challenges in an adverse international setting Report on the Latin American economy. Second half of 2018 The growth of the FinTech industry in China: a singular case The October 2018 Bank Lending Survey in Spain Composite indicators of inflationary pressures Distributed ledger technology (DLT): introduction Wage moderation in Spain and in the euro area Recent movements in the euro exchange rate and the impact on inflation in the Spanish economy	5 49
2019		
1	Quarterly report on the Spanish economy Analytical Articles Adapting lending policies against a background of negative interest rates The Eurosystem's monetary policy following the end of net asset purchases The loan to value ratio for housing in Spain over the period 2004-2016 The January 2019 Bank Lending Survey in Spain Spanish banks' internationalisation strategy: characteristics and comparison	5 49
2	Quarterly report on the Spanish economy Analytical Articles Results of non-financial corporations in 2019 Q1 Characterisation of self-employment in Spain from a European perspective The impact of TLTROs on banks' lending policies: the role of competition Financial flows and balance sheets of households and non-financial corporations in 2018 Real-time regional GDP forecasting: statistical aspects and a forecasting model The balance of payments and international investment position of Spain in 2018 Some implications of new data sources for economic analysis and official statistics The impact of China on Latin America: trade and foreign direct investment channels Capital flows to emerging economies: recent developments and drivers Report on the Latin American economy. First half of 2019 The latest protectionist trade trends and their impact on the European Union World economic outlook for 2019 Recent housing market developments in Spain	5 49

2019		Page
3	The April 2019 Bank Lending Survey in Spain Artificial intelligence in financial services Results of non-financial corporations to 2018 Q4: preliminary year-end data	
	Quarterly report on the Spanish economy	5
	Analytical Articles	69
	The relationship between average annual and quarter-on-quarter GDP growth rates: implications for projections and macroeconomic analysis	
	Banco de España macroeconomic projections: comparison with an econometric model	
	Recent developments in the rental housing market in Spain	
	Recent developments in financing and bank lending to the non-financial private sector	
	Bank Lending Survey in Spain: July 2019	
	Financial position of euro area households in 2018	
	Economic Notes	73
The 2019 European Semester and the specific recommendations for Spain Developments in Spanish public debt in 2018		