

# Investment Focus: The Pain in Spain

# Five Reasons Why Spain's Problems Are Worse than the Market Anticipates

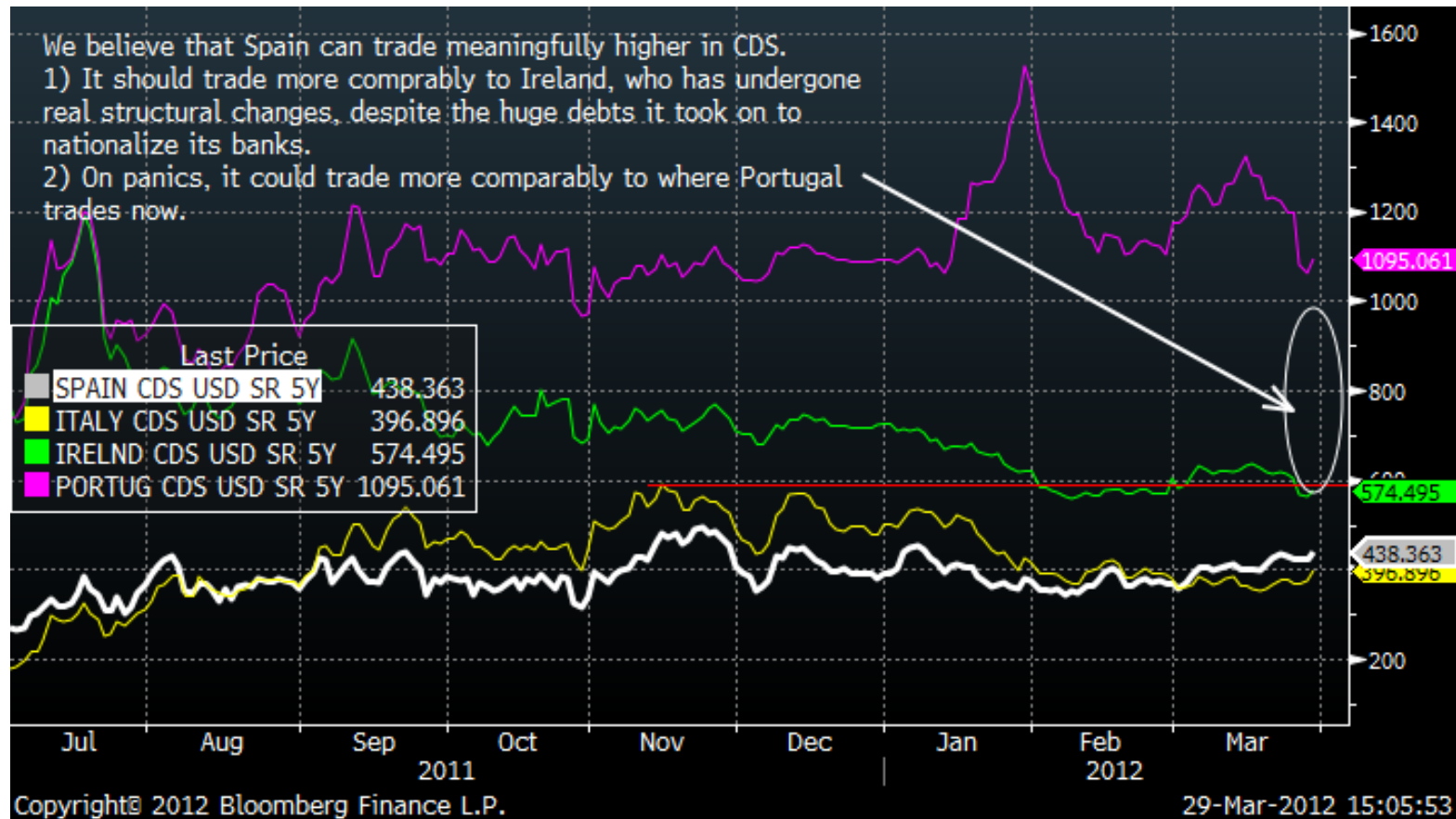
1. Spain's national debt is 50% greater than the headline numbers
  - Spain's debt-to-GDP balloons from 60% to 90% of GDP with regional and other debts
2. Spain's housing prices will fall by an additional 35%
  - Spain built one house for every additional person added to the population during the past two decades; the fall will decrease GDP by ~2% each of the next two years
3. Spain has "zombie" banks with massive loans to developers and to homeowners
  - Banks have not begun to realize losses and are vastly undercapitalized
4. Spain's economy has not stabilized and will continue to deteriorate
  - Spain has the highest unemployment in the developed world, one of the highest overall debt loads, and the most uncompetitive labor market in Europe
5. The EU will not have the firepower or political will to bail out Spain
  - Rescue fund headline numbers are misleading and count capital that is not yet committed

# The Market Will Question Spain's Solvency as Its Problems Compound Each Other

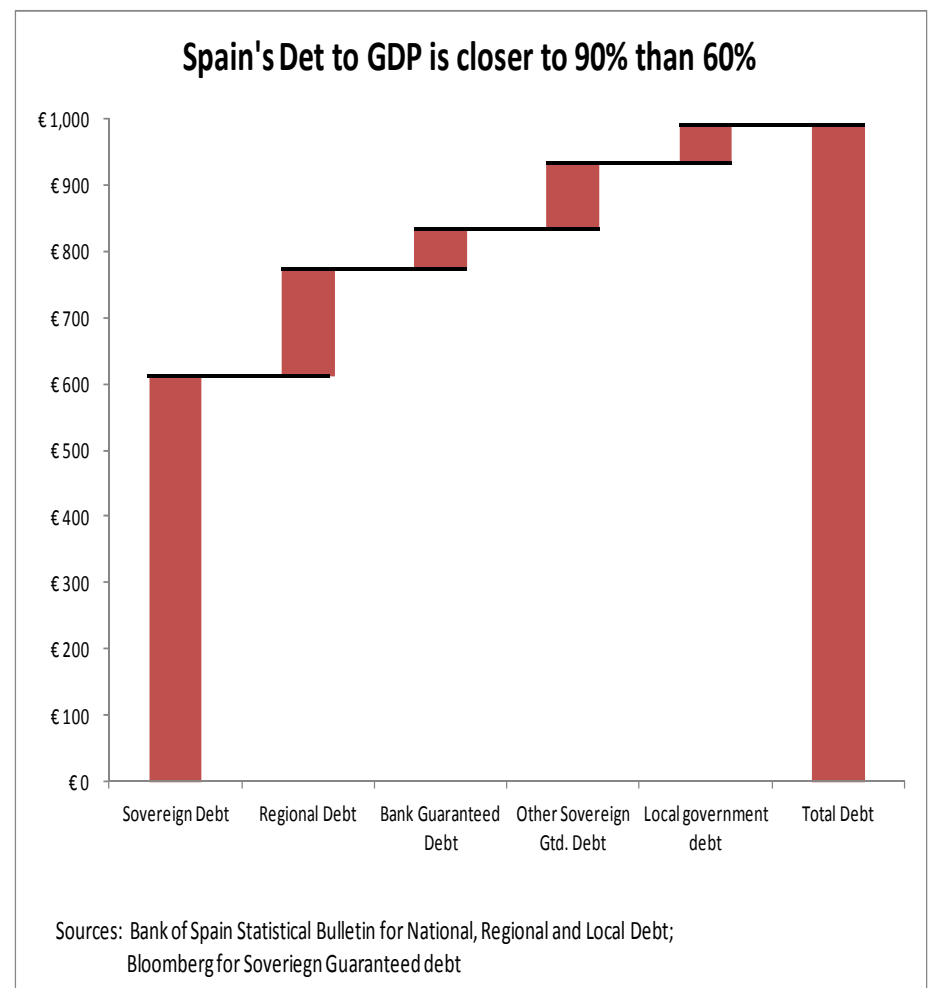
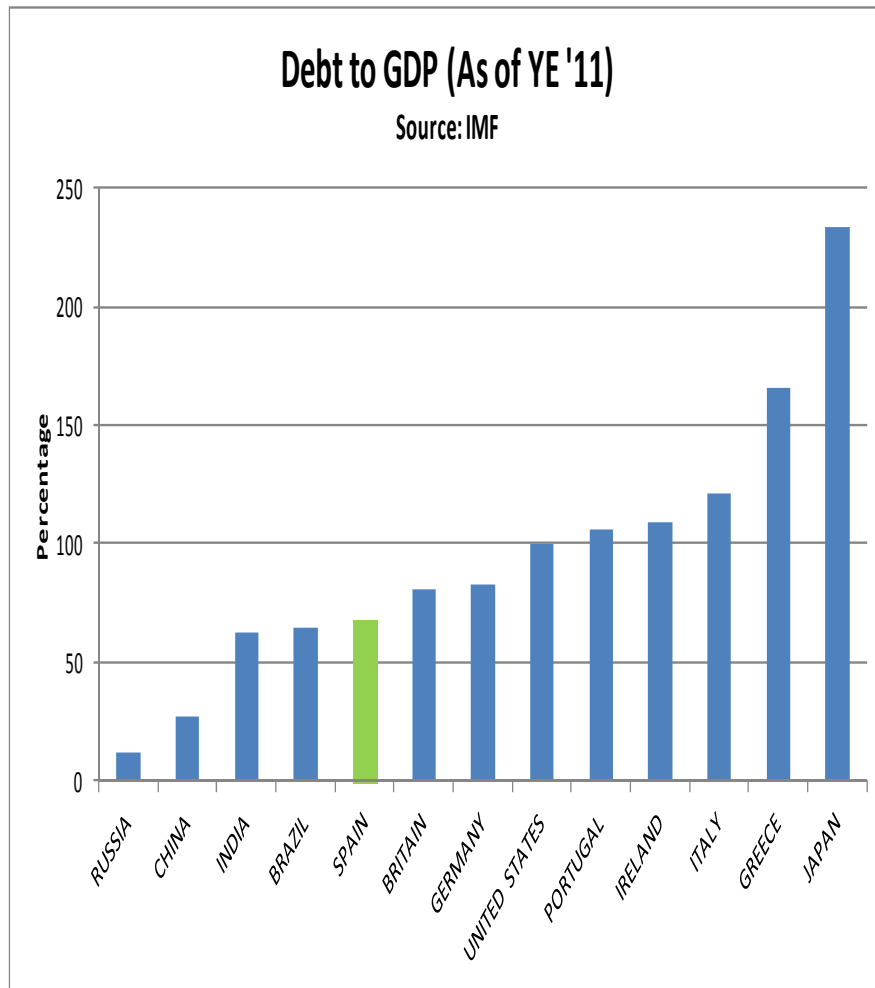


- These problems will reveal themselves in the next 12 months
  - Spain's true debt burden will pass the 90% "tipping point" identified by Rogoff and Reinhart
  - Housing prices will fall further and faster than anticipated (consensus is 15%; CAM estimate is 35%)
  - Banks underestimate the residential real estate loan defaults (consensus estimate is 2.8% vs. CAM estimate of 11%)
  - Expected housing price depreciation and loan defaults will deepen Spain's recession (additional 2% contraction in 2012 and 2013)
  - Spain will need to refinance €186.1 Billion in 2012 alone
- **10-year Credit Default Swap (CDS) on the Kingdom of Spain will move higher as these surprises are announced**

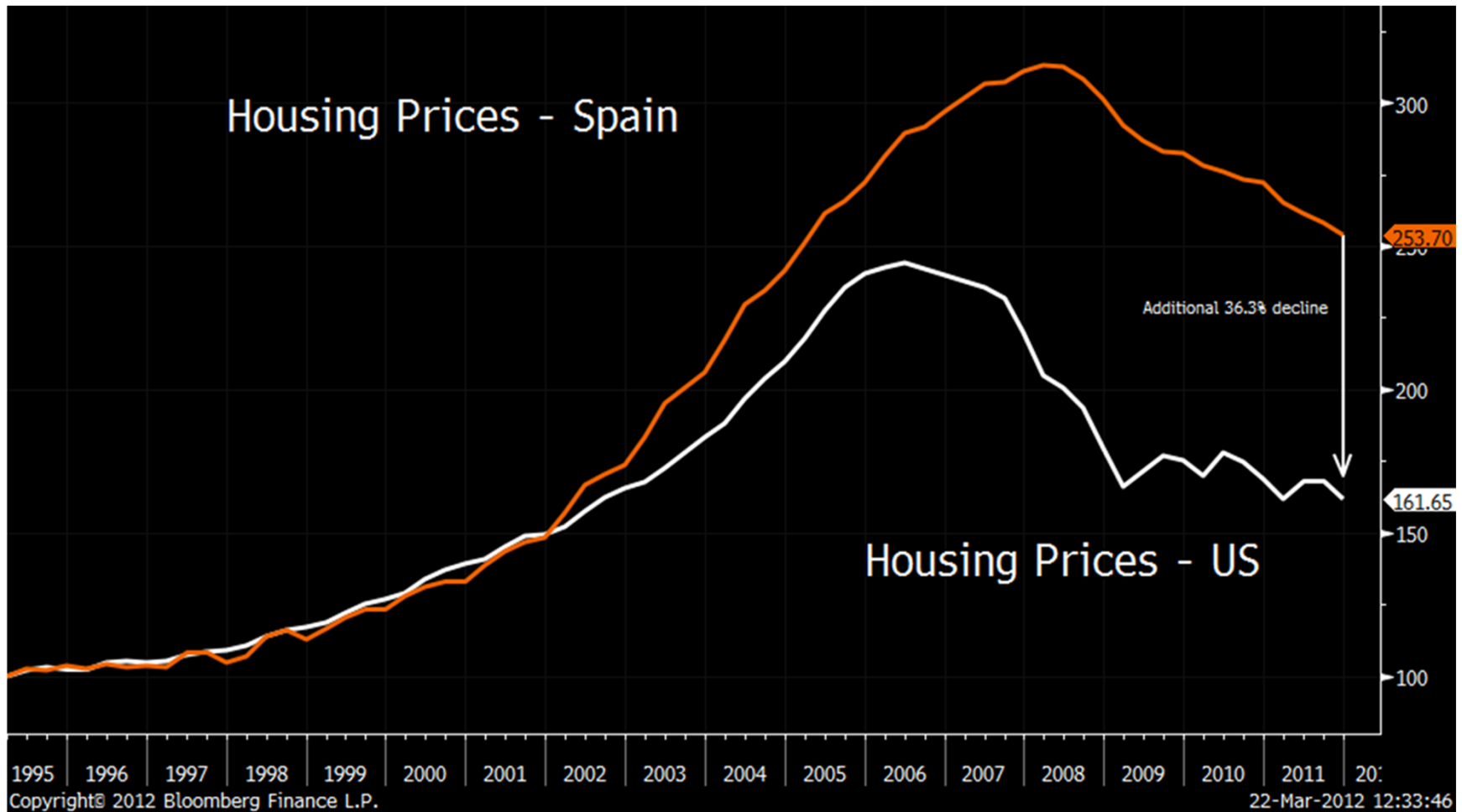
# Spain's Credit Default Will Widen More than Other Peripheral European Countries



# Spain's National Debt Is 50% Greater than the Headline Numbers

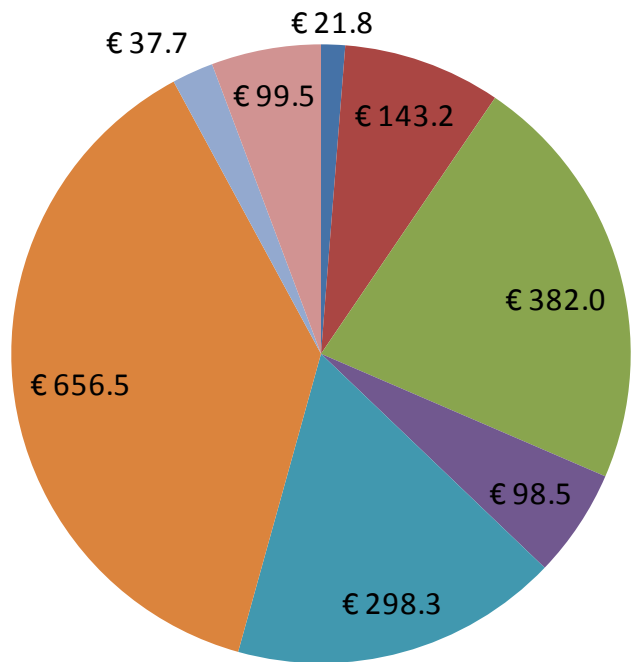


# Spain's Housing Prices Will Fall by an Additional 35%



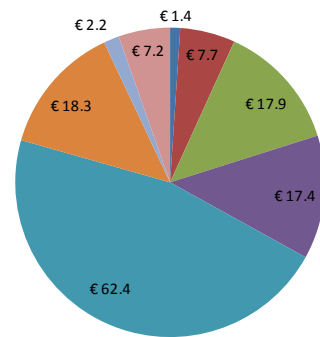
# Spain Has “Zombie” Banks with Massive Loans to Developers and to Homeowners

**Total Loans**  
Billions of Euro YE 2011



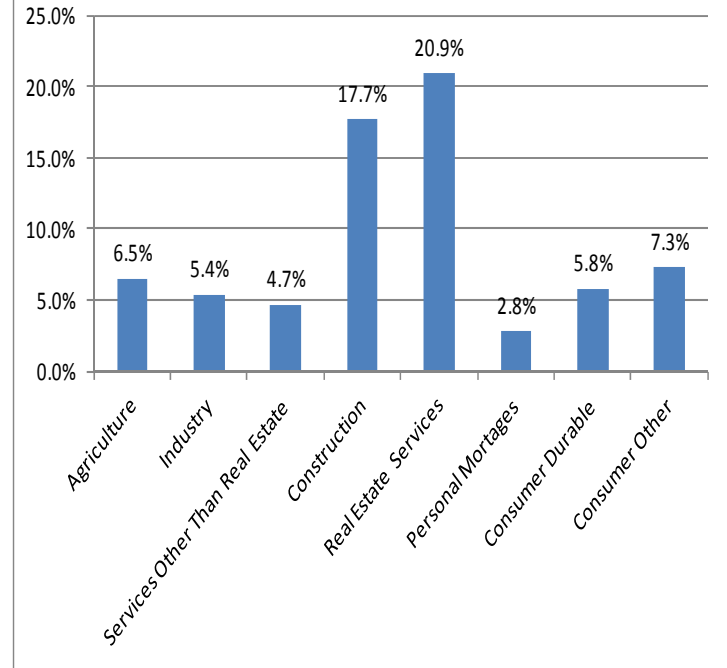
- Agriculture
- Services Other Than Real Estate
- Real Estate Services
- Consumer Durable

**Doubtful Loans**  
Billions of Euro YE 2011



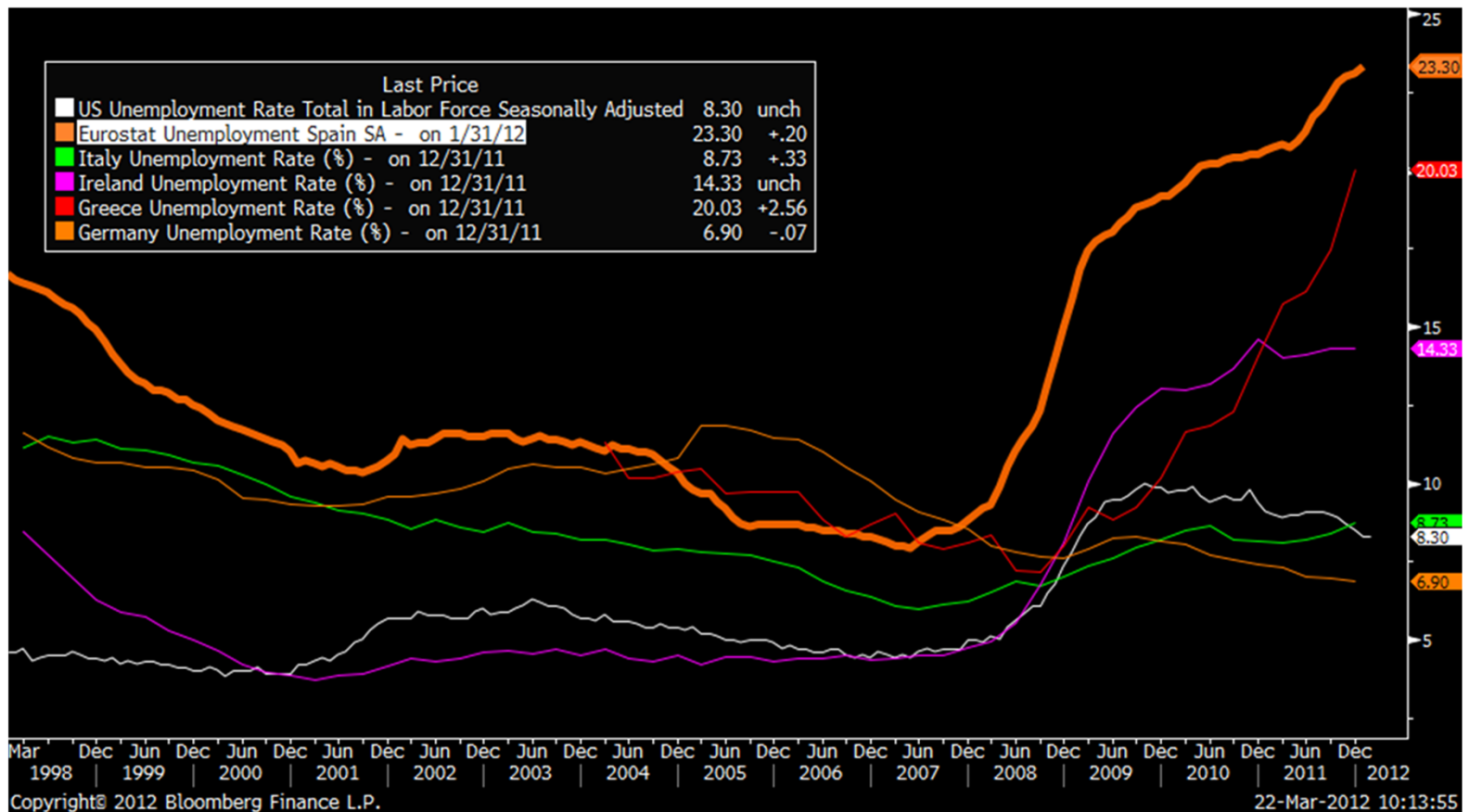
- Industry
- Construction
- Personal Mortgages
- Consumer Other

**Percentage of Doubtful Loans**



# Spain's Economy Has Not Stabilized and Will Continue to Deteriorate

1 in 4 Spaniards is out of work. Youth unemployment is 50%.





# Europe Will Not Have the Firepower or Political Will to Bail Out Spain

- Numbers as high as €940bn have been touted for the combined European Stability Mechanism (ESM) and European Financial Stability Fund (EFSF)
  - Germany would increase from €211bn to €401bn
  - This has not yet been approved by the Bundestag or the Constitutional Court – both barely approved the initial allocation
- The ESM relies not only on unapproved financing from Germany, but calls initial capital from Portugal, Ireland and even Greece
- The size of the bail out funds is insufficient if Spain and Italy lose access to the debt markets
  - Spain alone would take 60% of the available funds

# Summary: CDS on the Kingdom of Spain

## Rationale

- We began buying Spain CDS in Q4 2011 because the country has significant structural problems within its economy, a debt load that is higher than the headline number, and a banking system with unrealized losses

## Instrument

- 10-year CDS on the Kingdom of Spain

## Cost / Capital Commitment

- 3.5% of notional per annum – effectively an option premium on the default of Spain during the next 10 years

## Expected Return

- Should the Spanish crisis flare up in 2012 as we expect, we can generate a 300% return on the annual premium

# Appendix

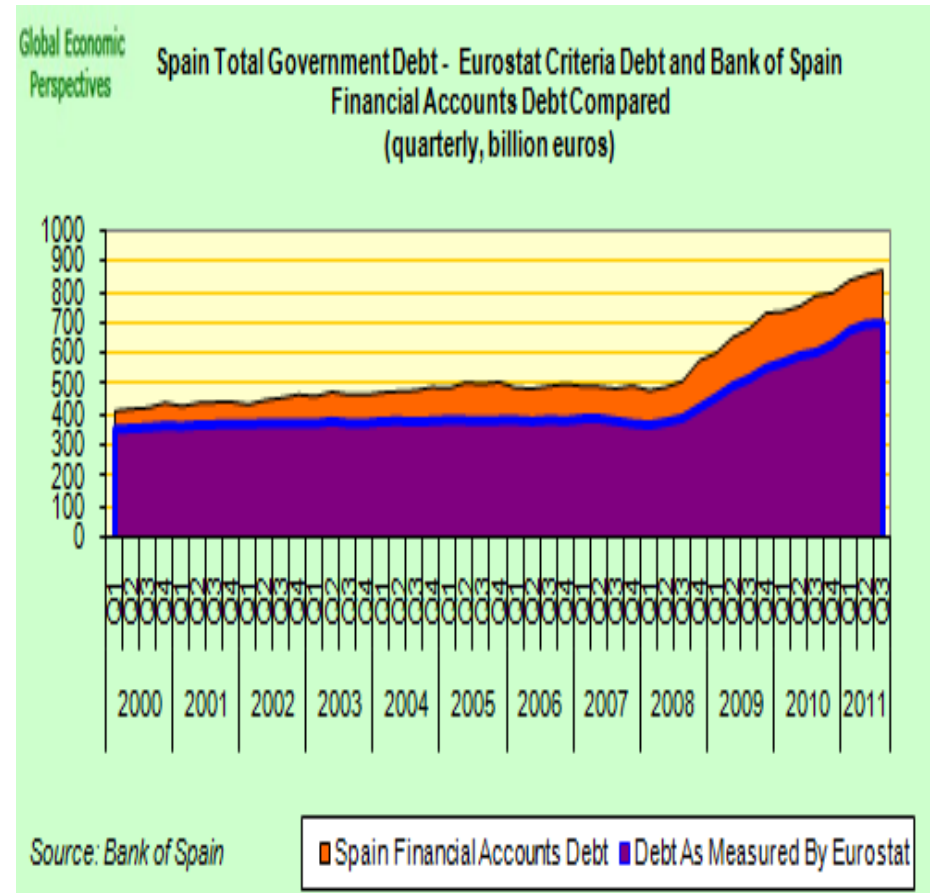
# Spain's Debt Is 50% Greater than the Headline Numbers

# Spain's Debt-to-GDP Is Higher than Officials State and Will Likely Continue to Increase

- A fuller account of Spain's debt-to-GDP places the burden at over 92% from the official rate of 61%
- Official projected budget deficit levels of 5.3% in '12 and 3.0% in '13 are unlikely to be met
  - Admitted deficits would add 8.3% of GDP to the debt by YE '13
  - Levels are likely to be missed so additional debt is likely to higher by more than 10%
- GDP itself is likely to be lower than official forecasts as a vicious combination of increased austerity, falling asset prices and high unemployment take hold
  - IMF forecasts a fall of 1.7% in '12 and 0.3% in '13
  - Given a negative wealth effect for rapidly falling housing prices, we expect GDP to be lower – ~3% in '12 and ~1% in '13
- By YE '13 debt-to-GDP will be close to 110%

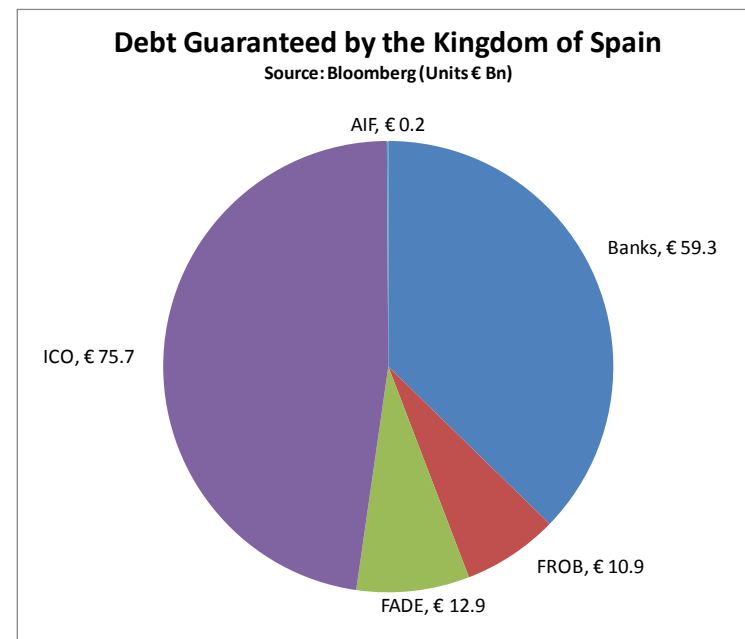
# Spain Hides Debts at Regional Level, State Corporations, and Social Security

- There are several sources of additional debt
  - Spain and the regional governments have €87.5bn of unpaid bills
  - There are state corporations with explicitly guaranteed debt of €55.9bn
  - Debt held by the social security fund equals €56.6bn
- In total these would bring debt-to-GDP to 90%



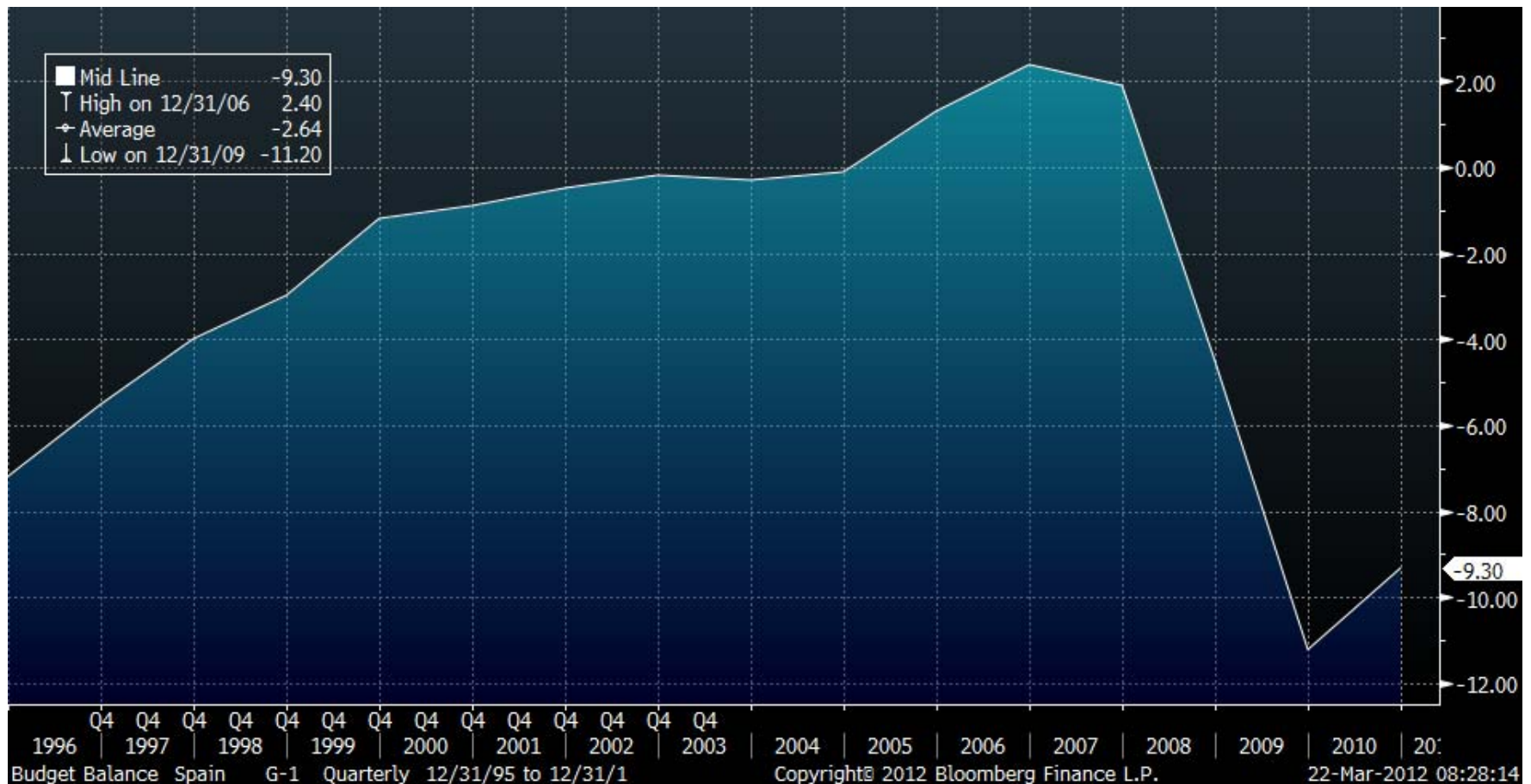
# Debt Increases Further When Contingent Liabilities Are Added

- There are agencies and banks that have been explicitly guaranteed by the Kingdom of Spain
  - The ICO (Insituto de Credito Ofical) is a state backed lender – no maximum draw
  - FROB (Fondo de Reestructuracion Ordenada Bancaria) is a fund for the restructuring of banks - maximum draw could be €27bn
  - FADE is the (Fundo de Amortizacion del Deficit Electrico), which covers the amount by which Spain fails to cover electricity costs – Maximum draw €22bn
  - The banks are getting guarantees so that they can post this funding to the ECB – no maximum draw
  - AIF (Administrador de Infraestructuras Ferroviarias) operates the rail network in Spain
- At these current draw amounts, debt-to-GDP would increase by 14.8%
- Cumulatively Spain approaches 100% debt-to-GDP



# Spain's Surplus in the 2000's Coincided with a Building Boom

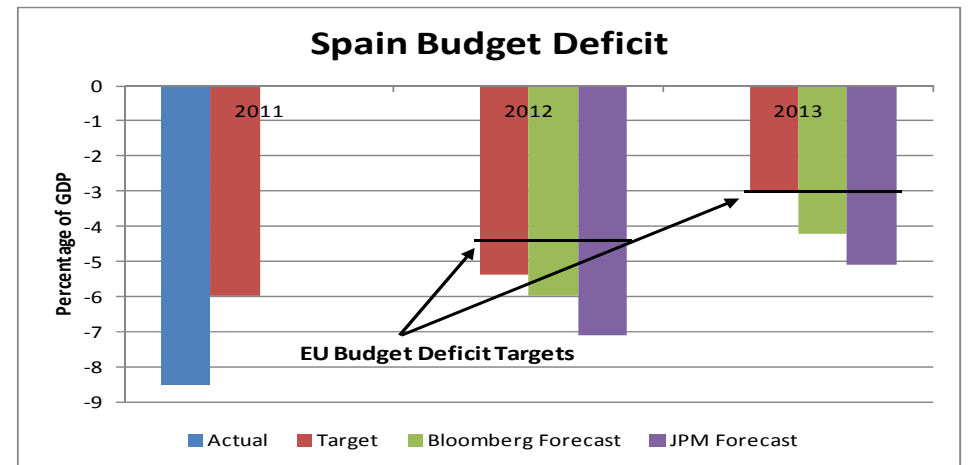
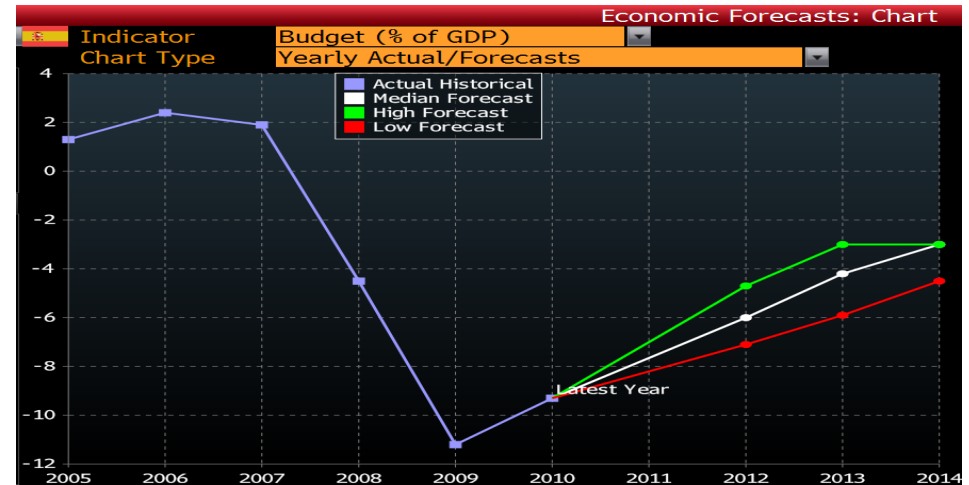
Spain budget balance as a percentage of GDP





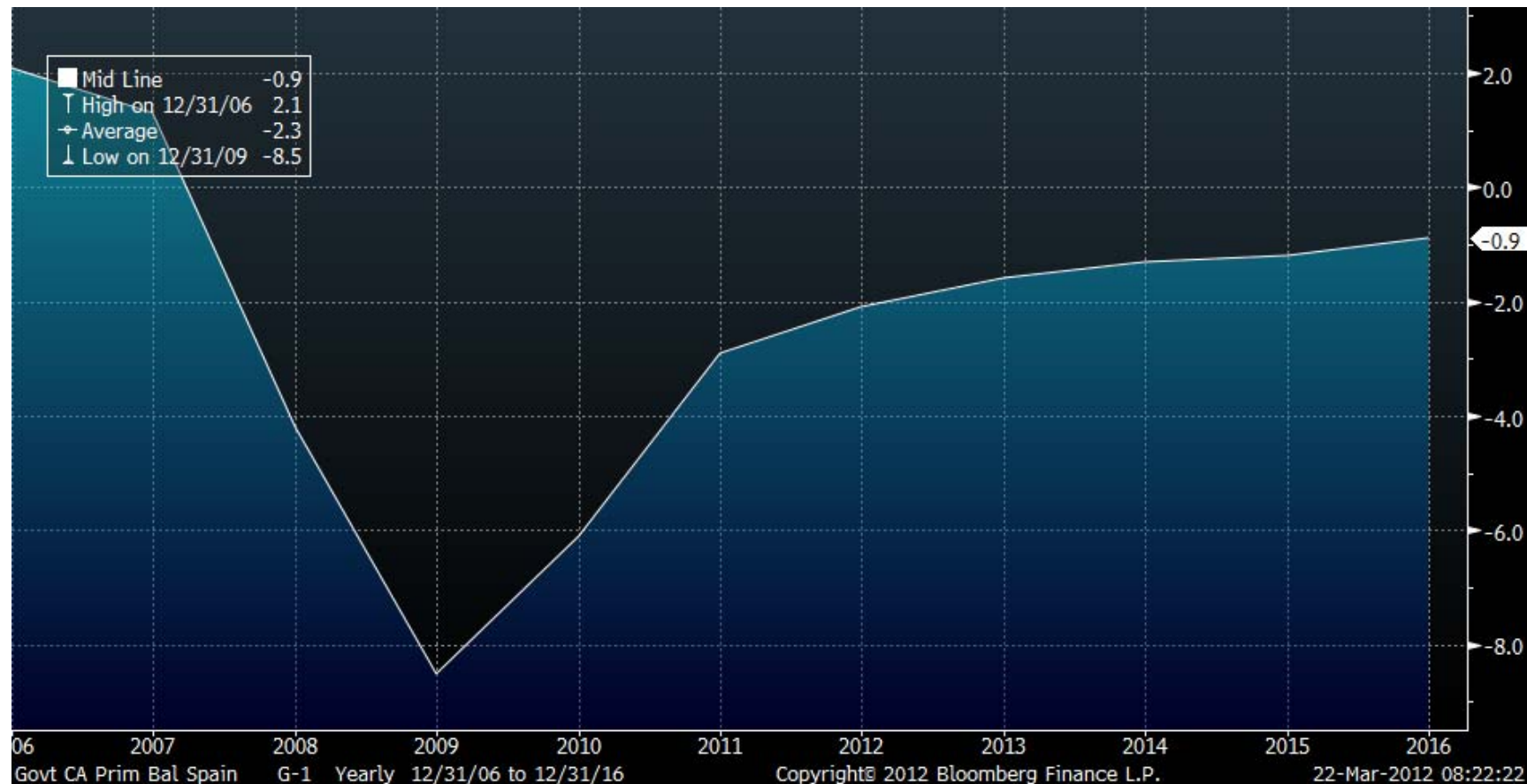
# Only the Rosiest Projections Reach the 3% Deficit Goal for 2013

- The Government had agreed with the European Union to meet a 2012 deficit of 4.4%
  - On March 2<sup>nd</sup>, the government adjusted the target to 5.8%
  - It has since agreed to 5.3%
- Even this looks aggressive



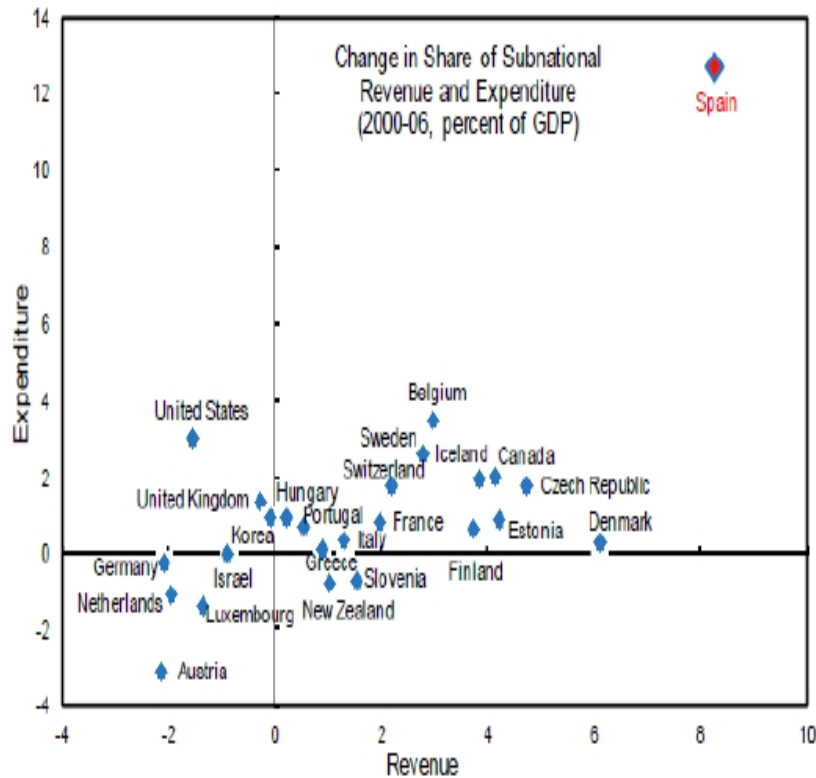
# Even the IMF Does Not Foresee Spain Getting to a Primary Surplus Any Time Soon

IMF Cyclically adjusted primary government balance - Spain



# Controlling Costs Is Difficult Because of Regional Government Spending

Fiscal Decentralization from 2000 to 2006



Sources: OECD Decentralization Database; IMF Spain: Selected Issues report, July 2011

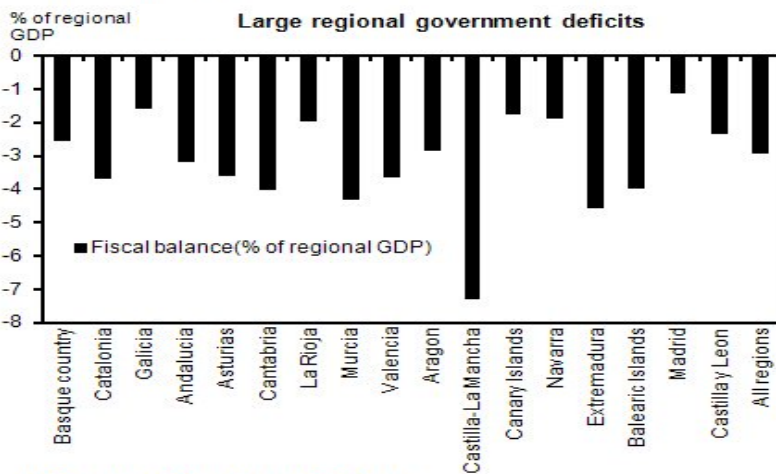
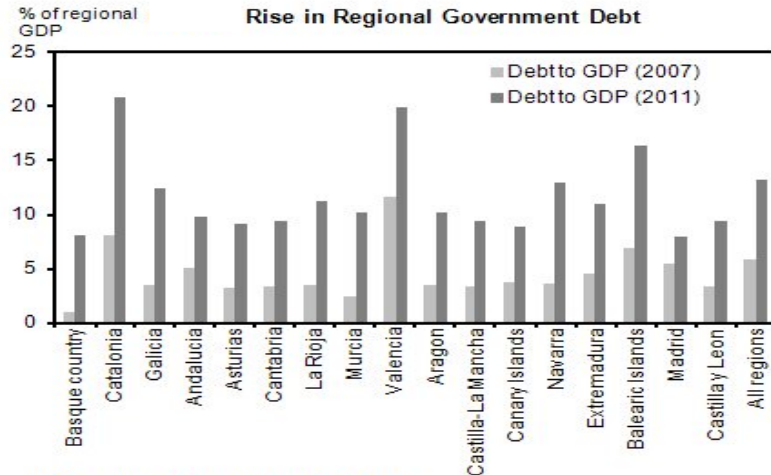
Regional Governments Responsible for Nearly Half of Budget Reduction Efforts

	Spain Net Lending (+)/ Borrowing (-)					Reduction Required (pp of GDP)	Relative Contribution (% of Total)
	2010	2011	2012	2013	2014		
General government	-0.2	-6	-4.4	-3	-2.1	7.1	100%
Central government	-5	-2.3	-3.2	-2.1	-1.5	3.5	48%
Autonomous Communities	-3.4	-3.3	-1.3	-1.1	-1	2.4	34%
Local government	-0.6	-0.8	-0.3	-0.2	0	0.6	8%
Social Security administration	-0.2	0.4	0.4	0.4	0.4	0.6	8%

Source: SGP 2011-14; Ministerio de Economía y Hacienda; Knight Research  
2011-2014 Values Represent Forecasts

- Autonomous and local governments have their own politics and are often at odds with the central government
  - This makes getting their deficits down prone to regional politics
- Recently, the central government agreed to pay €35bn of local and regional debt

# Regional Government Debt Is Not Counted in the Country's Overall Debt-to-GDP



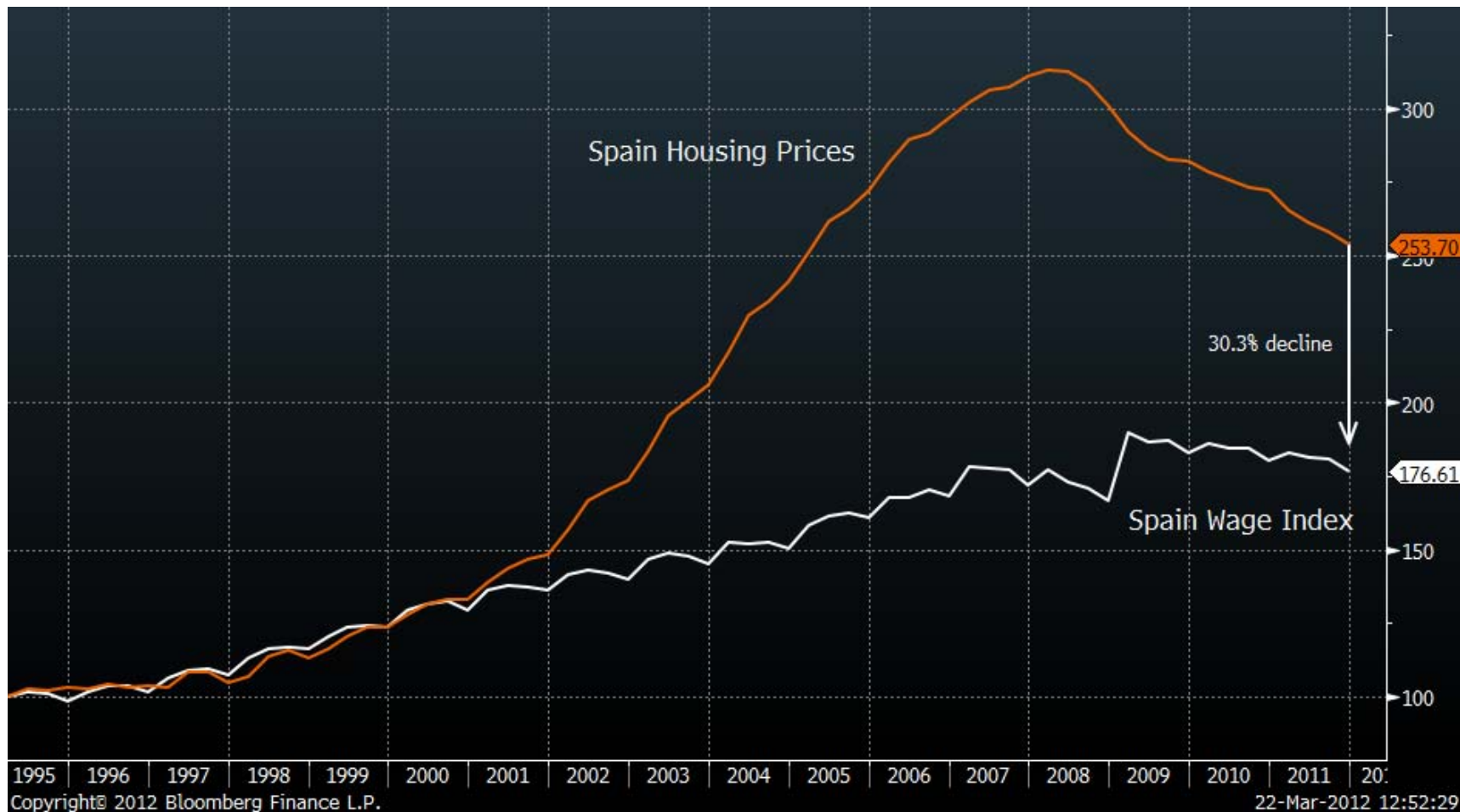
- As opposed to almost all other European countries, Spain's healthcare is paid by the regions, with limited central government interference
- As the population ages and healthcare costs escalate, the fiscal pressure on the regions will become more intense
- Some regions have started to look to the central government to fund healthcare directly

Spain's Housing Prices Will Fall by an  
Additional 35%

# Compared to the US, the Housing Bubble in Spain Was Extreme

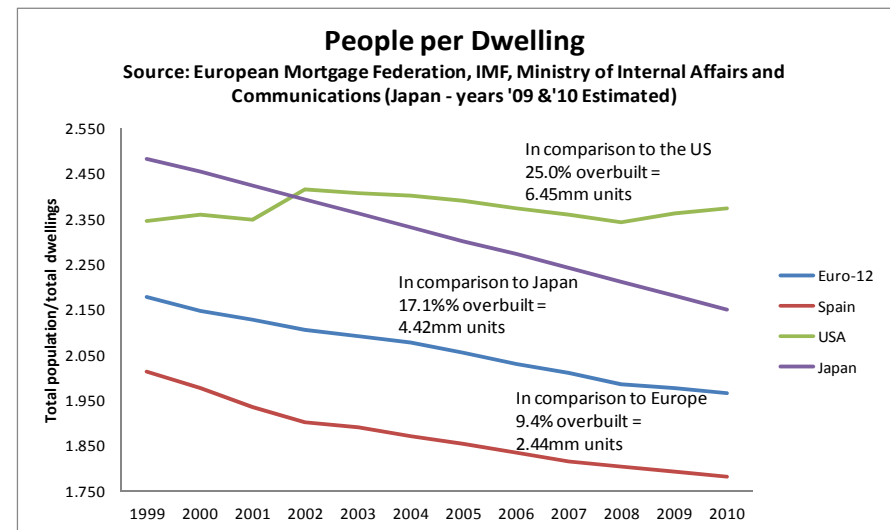
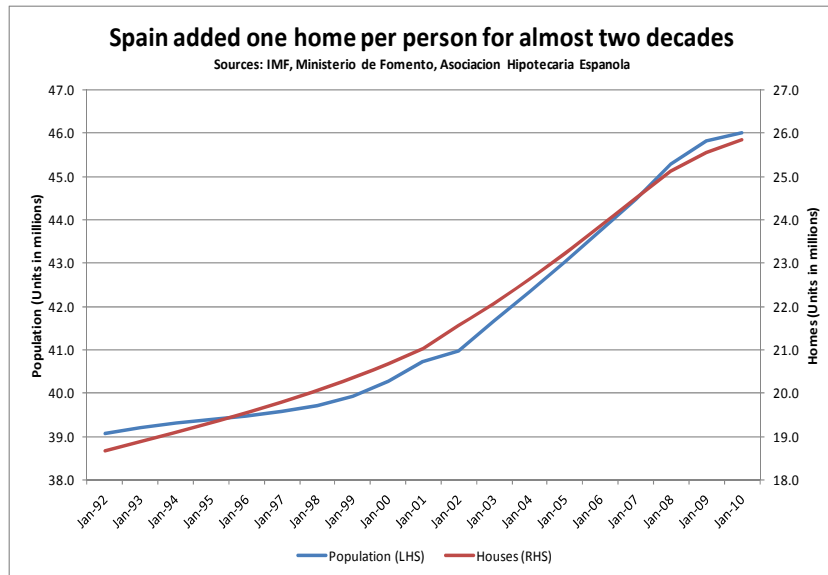
- We estimate that housing prices will have to fall at least 35%
- During the bubble years ('00-'08), Spain built one new home for every person it added to the population
- In relation to the US, housing prices rose 30% higher and have yet to fall to where US housing was *at the peak*
- Also during this time, housing prices compounded at 12% while wages only went up 4% per annum
  - Should wages fall to be in line with Germany, house prices would need to fall over 50% to be back at pre-bubble relationship
- While the ratio of people to homes in the US stayed basically constant, in Spain it fell
  - Spain now has only 1.7 people to fill each home – lowest of major developed countries
- Households in Spain have an enormous 80% of wealth in real estate – 24% own second homes
  - As the population ages, they will need to sell these holdings for retirement – Who will be the buyer?

# Housing Prices Have Outstripped Wages

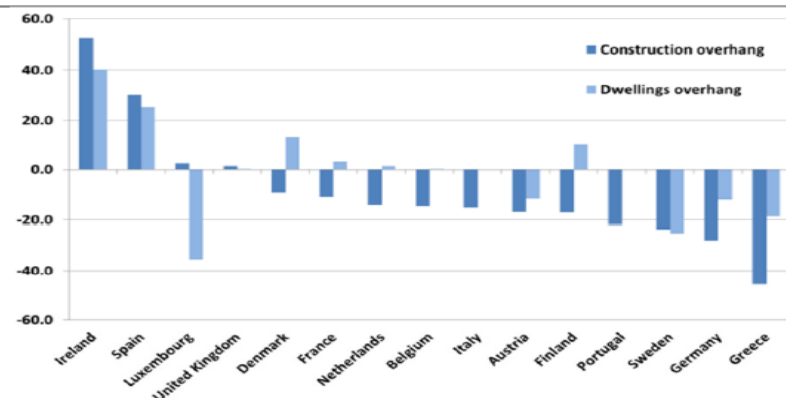


# Spain Has Overbuilt its Housing Stock Relative to its Growth in Population

- Demographic changes such as fewer people per dwelling and more recent second home buyers will compound the problem
- Implies that Spain has significant excess housing



European construction and housing overbuilding 2001-09, percentage of long-term average 1970-2000

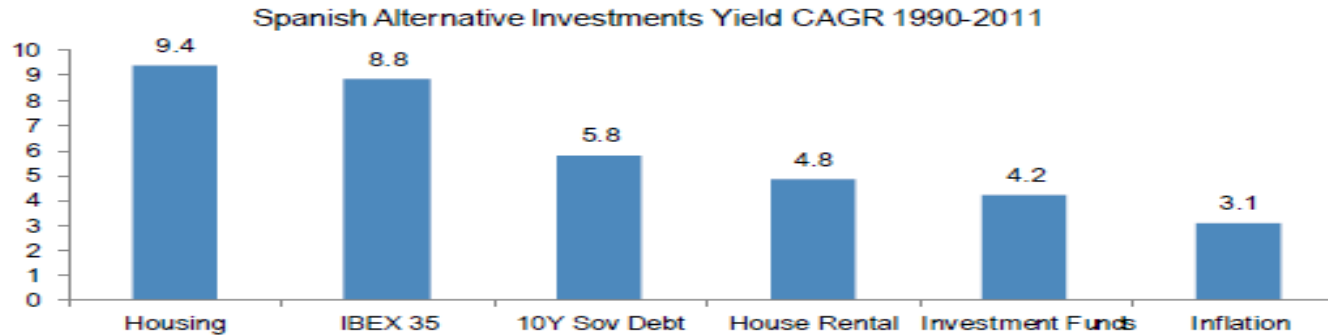


Source: Center for European Policy Studies



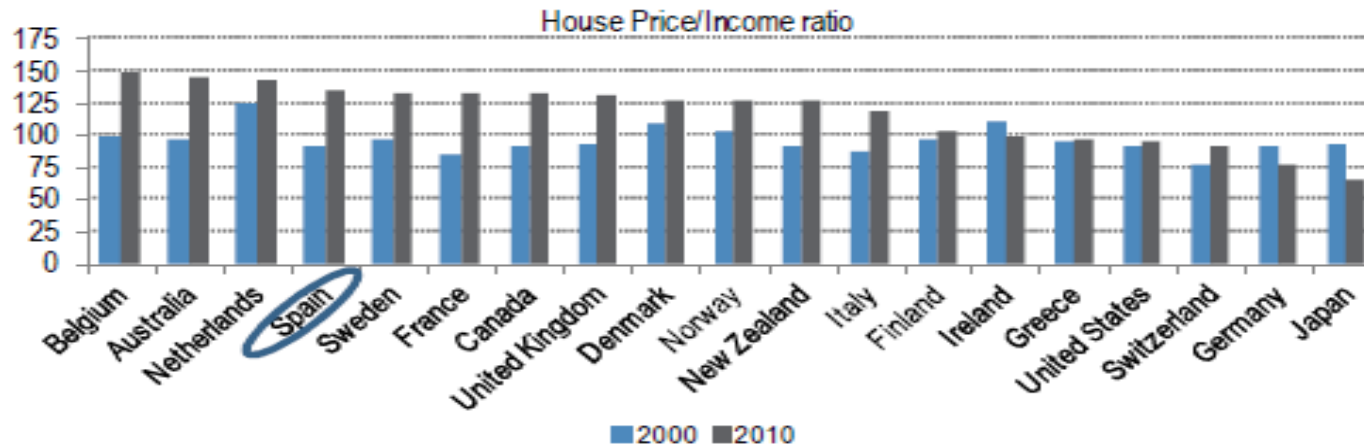
# Housing Has Been a Great Investment in Spain, but It Is Not Affordable Now

Figure 3: Return on main Spanish asset classes



Source: Bank of Spain, BIS, CNMV, Housing Ministry (adjusted), Bloomberg

Figure 15: Spain has one of the highest Housing Prices to Income per capita ratios in the world



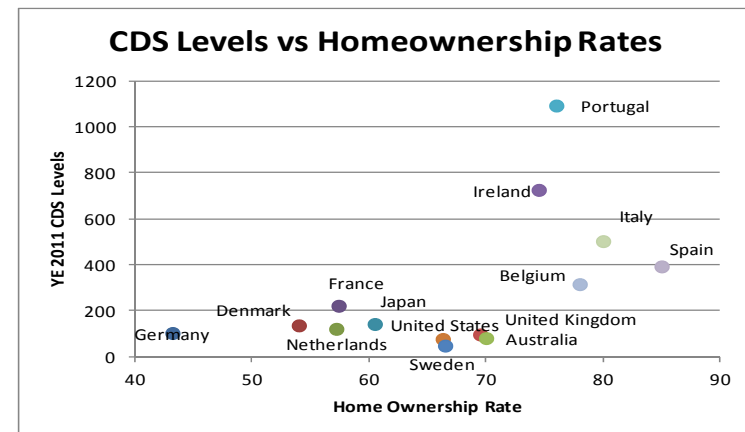
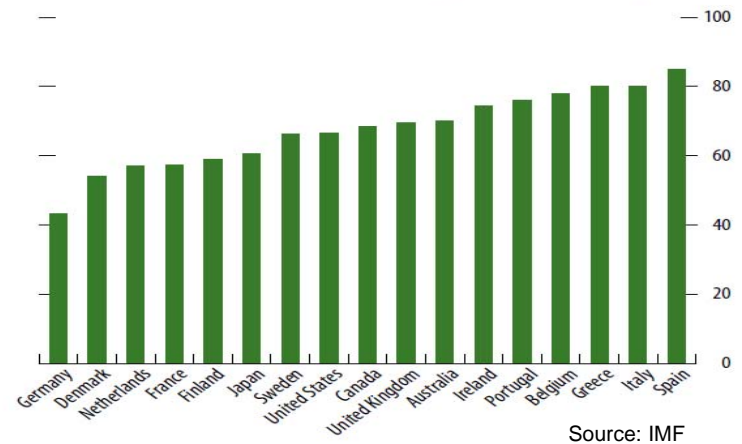
Source: OECD

# Strong Investment Returns on Housing Have Boosted Home Ownership Rates

- High investment returns tend to draw people in
  - Thus creating a “bubble” and diminishing returns
  - Also encouraging speculative borrowing
  - High rates of homeownership can also reduce labor mobility
- Over time housing excesses diminish the credit quality of the country itself

**Figure 3.5. Homeownership Rate**

(In percent of total number of dwellings; latest available year)

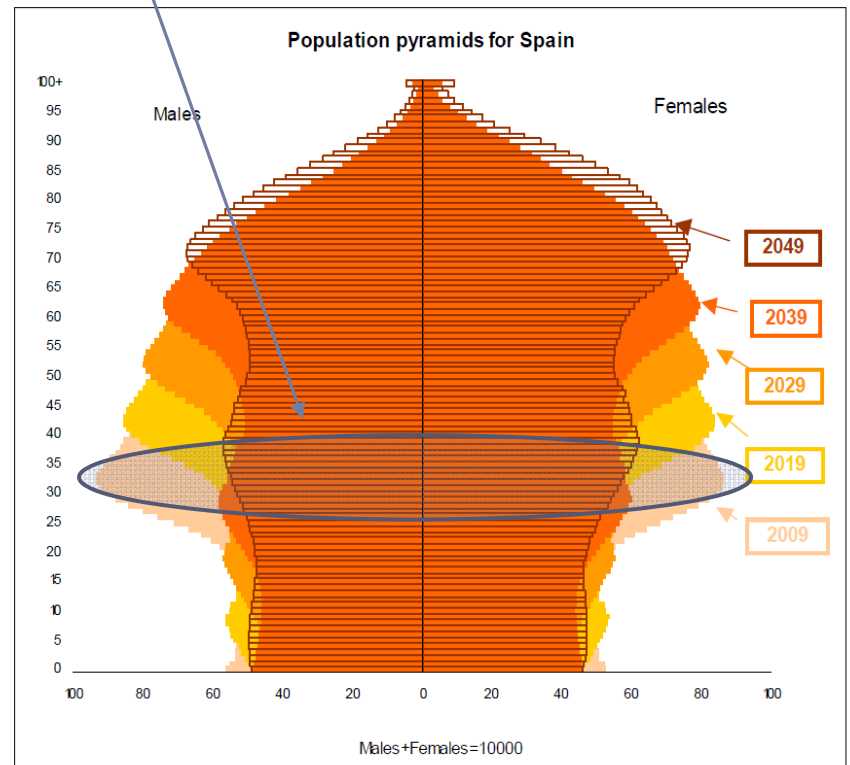
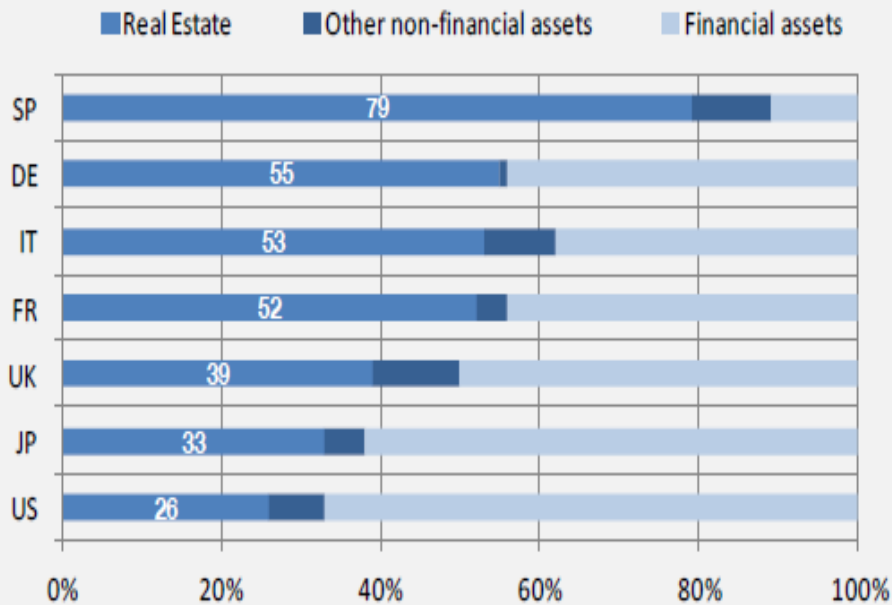


# Retirees Will have to Sell their Houses but There Are No Obvious Buyers

Already at homeownership age, with few buyers behind them

## Households asset split (% of total assets)

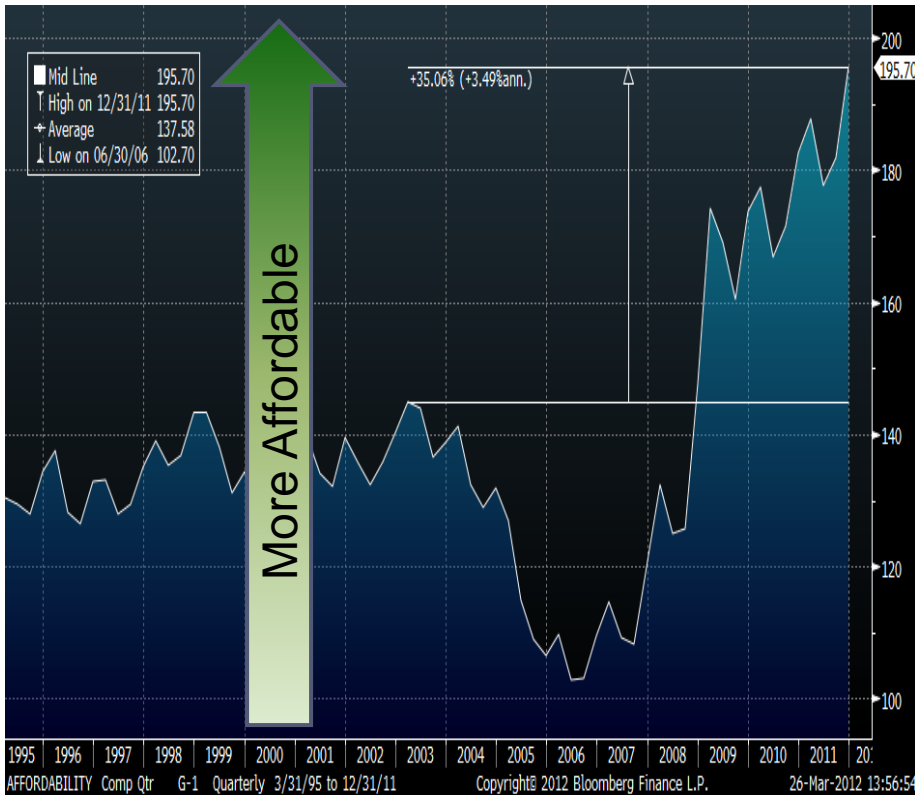
Source: Oliver Wyman



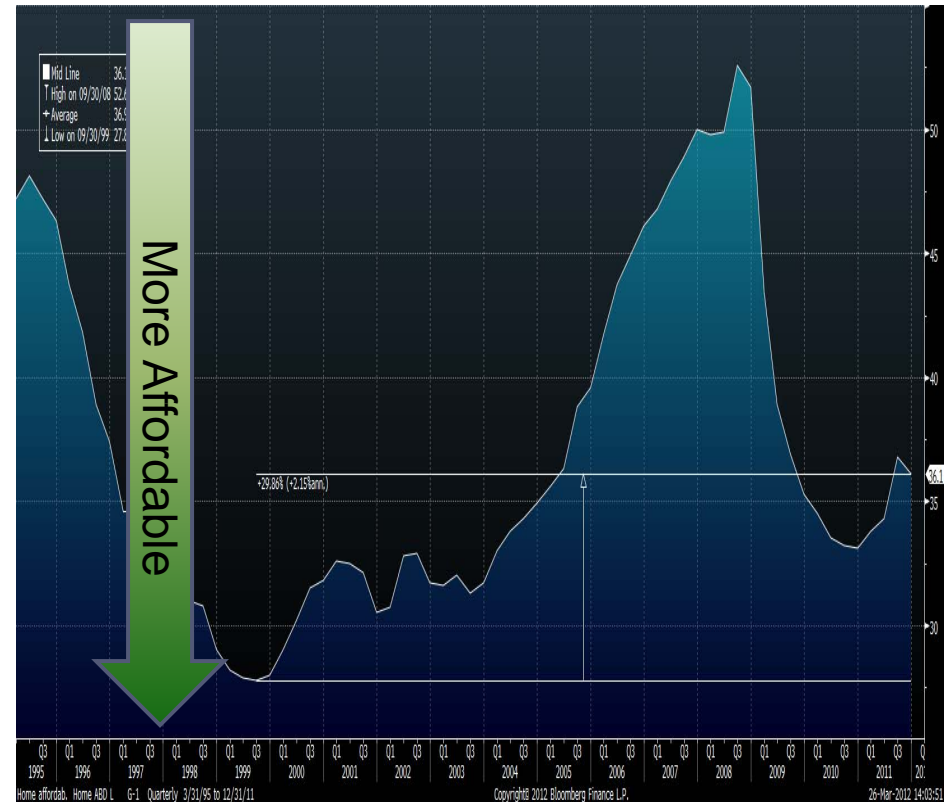
# Prices Will Have to Drop Further Before Homes Become Affordable

US homes are far more affordable after the crisis

Spanish homes are 30% LESS affordable than '99



Source: National Association of Realtors



Source: Bank of Spain

# A Fall in Housing Prices Will Reduce GDP

- If prices were to fall to match US - ~35%
- To match Spanish income growth --30%
  - Including a fall in wages to bring in line with Euro labor costs --45%
- To match '99 affordability --30%
  - To match affordability in US --55%
- Contributing factors
  - Possible increase in homeownership rate? – “NO” most already own
  - New buyers? – “NO” aging population and the need to convert homes to fund retirement
  - Tight inventory? – “NO” there are as much as 20% excess houses
- Conclusion – housing prices have to drop at least 1/3 from current levels
  - We believe that this will take place over 2-3 years as housing generally does not devalue faster than ~15% per annum
- The Bank of Spain estimates that the “Wealth Effect” is about a €0.03 reduction in consumption for a €1 fall in housing prices<sup>1</sup>
  - ***A 15% decline in housing should reduce GDP by ~2% in both 2012 and 2013***

Spain Has “Zombie” Banks with Massive Loans to Developers and to Homeowners

CARMEL

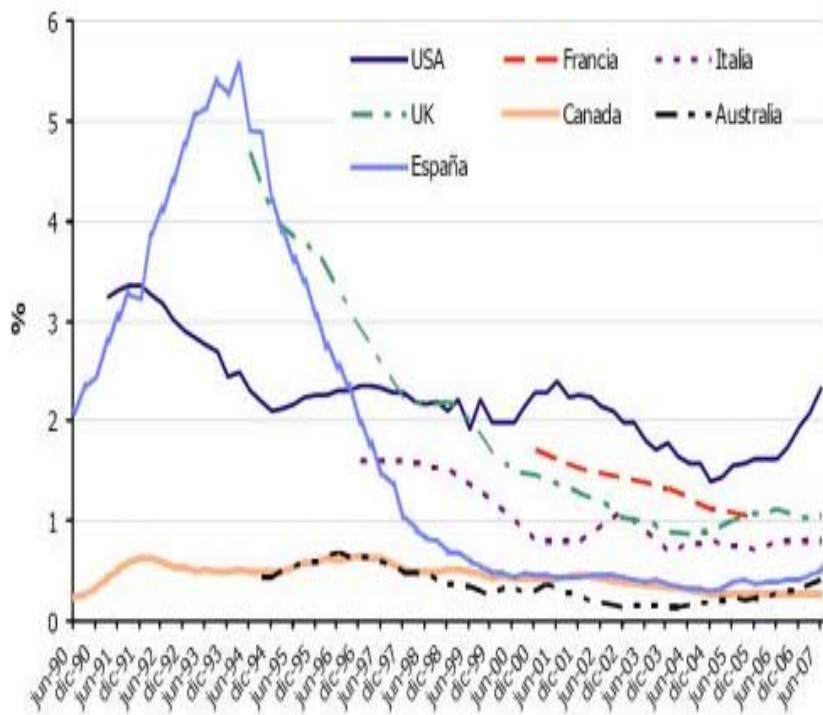
ASSET MANAGEMENT

# Banks in Spain Are Holding Devastating Real Estate Losses

- We estimate that Spanish banks may need €200bn of additional capital – nearly 20% of GDP
- Given the losses experienced in the last housing crash of '93-'94, we would expect losses to be much higher than the banks have admitted
  - This bubble was larger in scope and scale, yet mortgage losses are 50% what they were then – they should be much higher
- Spain has likely 50% of GDP in commercial real estate assets, many of these are to distressed builders and developers, with minimal recovery value likely
- Problem Loans are still below what was experienced in the early '90's while corporate bankruptcies are 10x that period
- The LTRO has given Spanish banks some new financing, which they seem to have put into Spain sovereign debt
  - If prices on this debt falls even by 0.5%, the banks will be asked for additional collateral – this was a similar situation to MF global
  - Banks' government holdings are now 33% greater than their tangible equity
  - While banks can be more profitable by adding additional leverage, they would still lose money on their current asset base

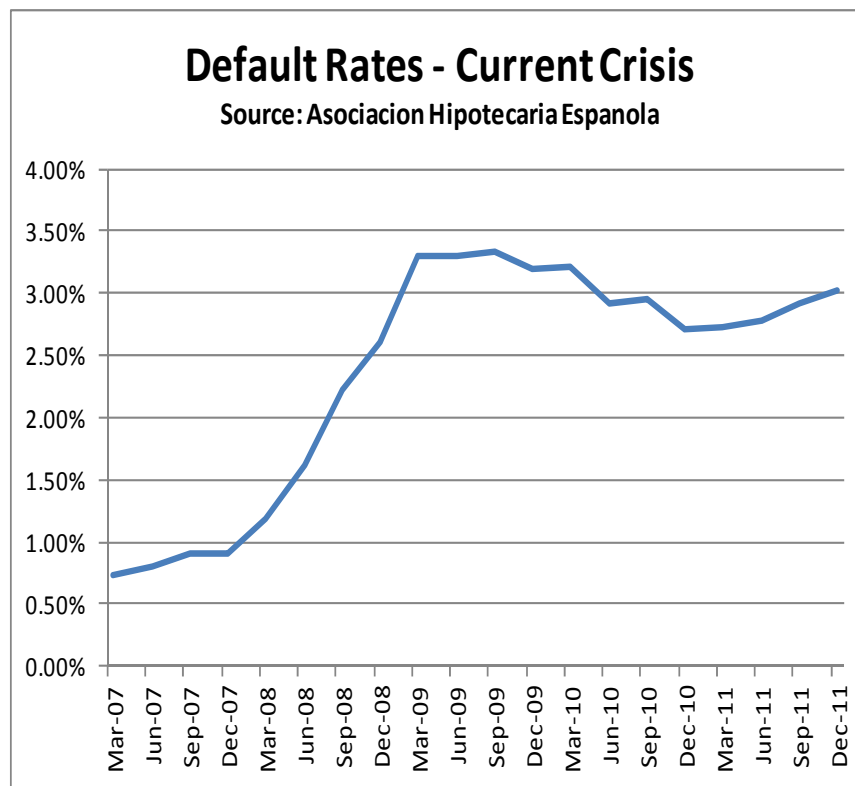
# Mortgages Default Rates Will Rise Dramatically

During the last housing boom mortgage default rates peaked about 5.5%



Source: OECD

Given the enormous jump in housing prices and unemployment, default rates could double or more

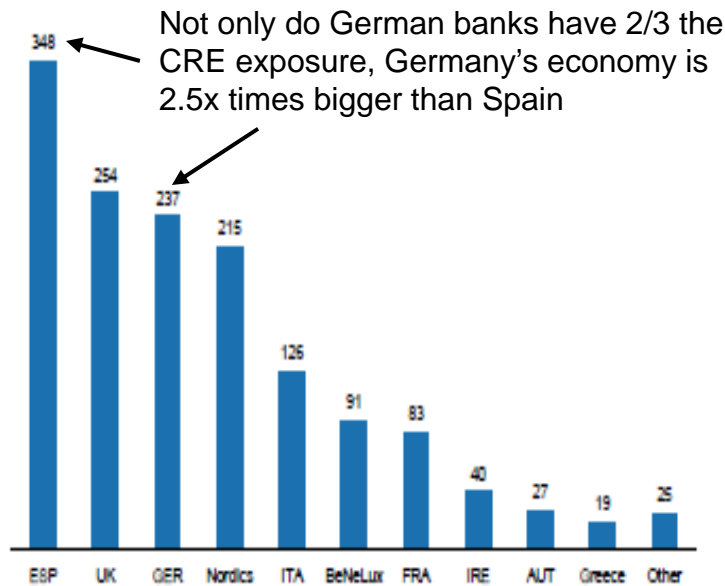




# Spanish Banks Hold Large Exposures to Commercial Real Estate

Exhibit 10

## Banks with largest total CRE exposure (by country) €bn

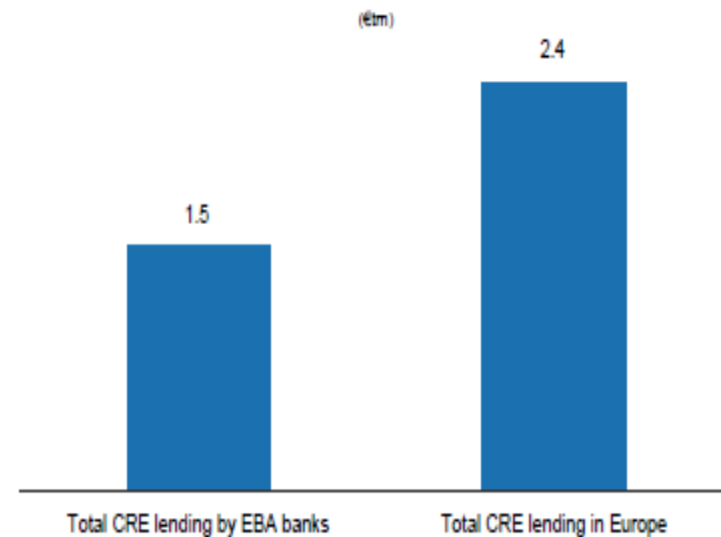


Total EBA CRE lending: €1.5trn  
Source: EBA, Morgan Stanley Research

Because the left hand graph does not include non-EBA banks, it understates the size of the exposure by 60%

Exhibit 1

## CRE financing, a large market equivalent to up to €2.4trn or 10% of bank lending in Europe

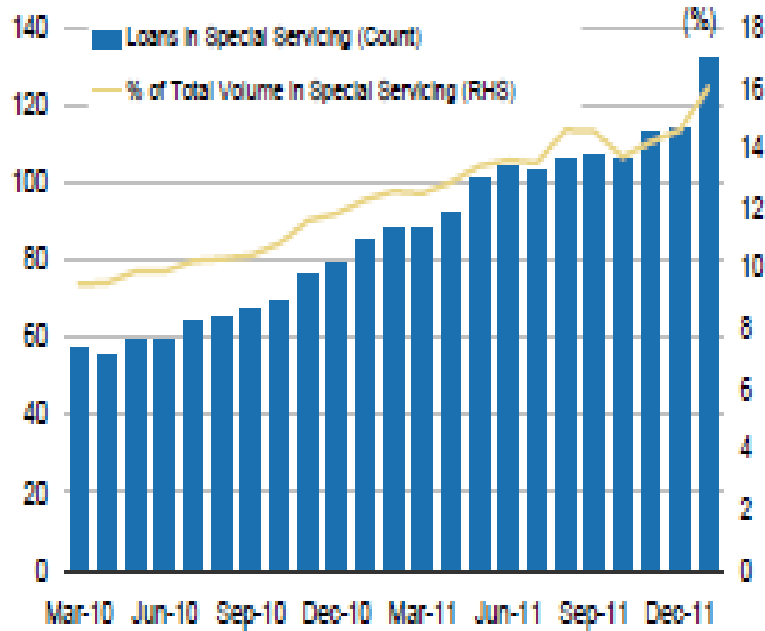


Source: EBA data, Morgan Stanley Research estimate

# 16% of Euro CMBS Is in “Special Servicing”

Exhibit 44

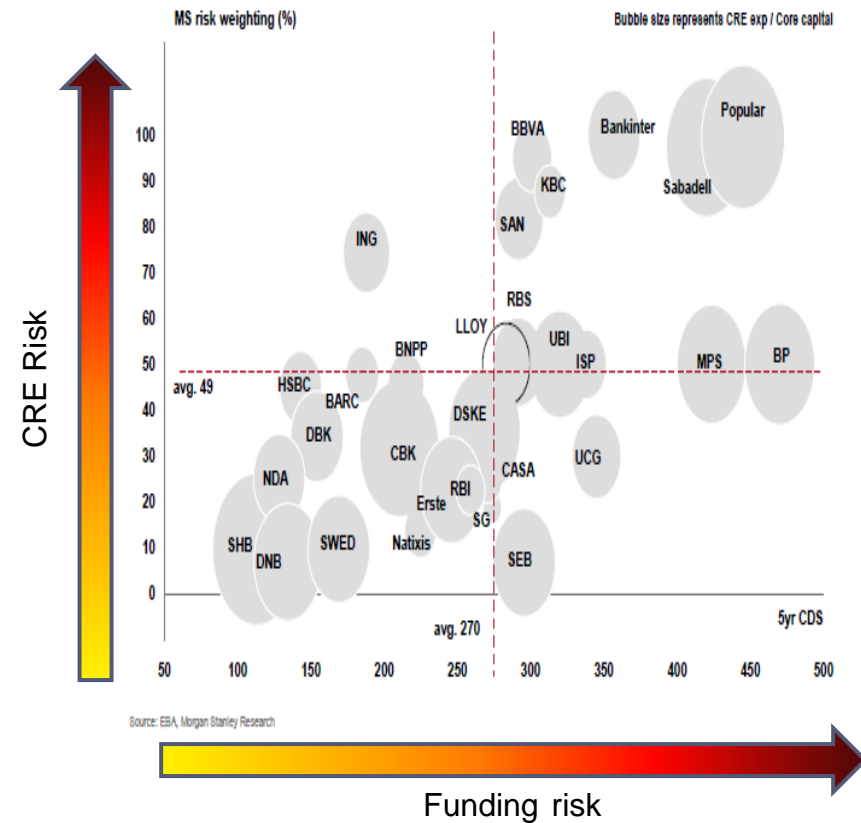
## Loans in special servicing are on the rise



Source: Moody's, Morgan Stanley Research

Exhibit 38

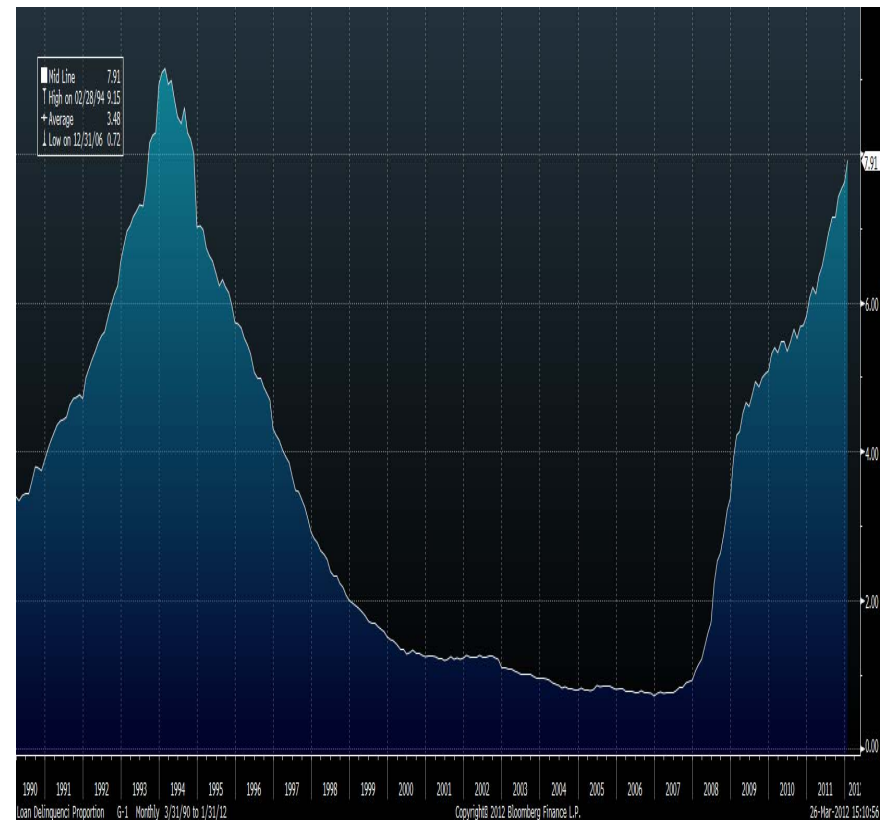
## Screening banks by geographical exposure and CDS as proxy for funding cost



# Current Crisis Is Much Worse than '93-'94, but Loan Delinquencies Are Lower (So Far)

Corporate bankruptcies are 8x the amount during the '93-'94 crisis and 20% more than '09

We are likely not even near the peak of delinquencies and therefore defaults and losses



# CAM Estimates that Bank Losses are Sizeable With Even a Modestly Poor Economic Outlook

	<u>Total Loans</u>	<u>Default rate</u>	<u>Loss on Default</u>	<u>Loss Euro Bn</u>	<u>Default Rate</u>	<u>Loss on Default</u>	Rationale
Real Estate Services	€ 298.3	40%	75%	€ 89	2x current "Doubtful"	Effectively unsecured loans to businesses	
Services Other Than Real Estate	€ 382.0	15%	75%	€ 43	Reflection of greatly increased bankruptcy rate	Effectively unsecured loans to businesses	
Personal Mortgages	€ 656.5	11%	50%	€ 36	2x '93-'94 default rates	Losses mitigated by recourse to borrower	
Construction	€ 98.5	40%	75%	€ 30	2x current "Doubtful"	Consideration to Real Estate already owned by banks	
Consumer Other	€ 99.5	10%	75%	€ 7	Increase reflective of unemployment	Unsecured loans to consumers	
Industry	€ 143.2	10%	40%	€ 6	Reflective of weakening economy and austerity	Reflective of mix of secured and unsecured loans	
Consumer Durable	€ 37.7	10%	50%	€ 2	Increase reflective of unemployment	Secured loans to consumers	
Agriculture	€ 21.8	10%	50%	€ 1	Modest increase to current default rates	Estimate	
			Total	€ 214			
			% of GDP	19.97%			

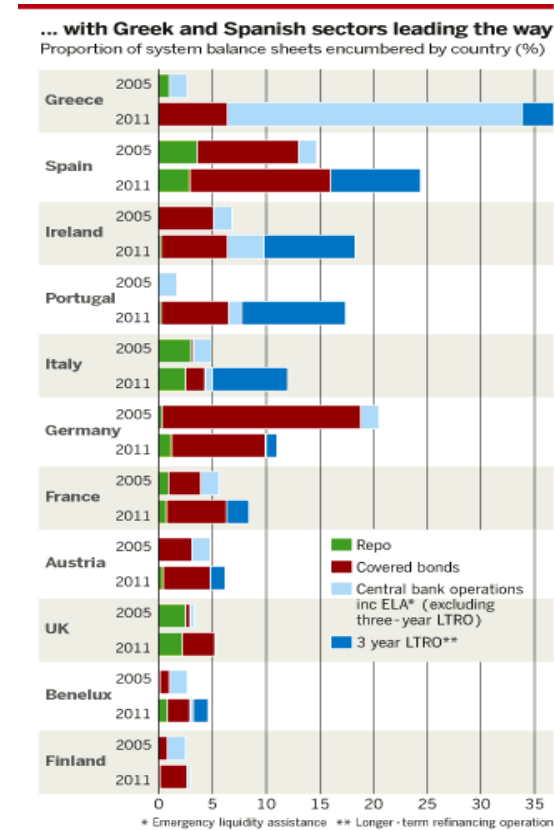
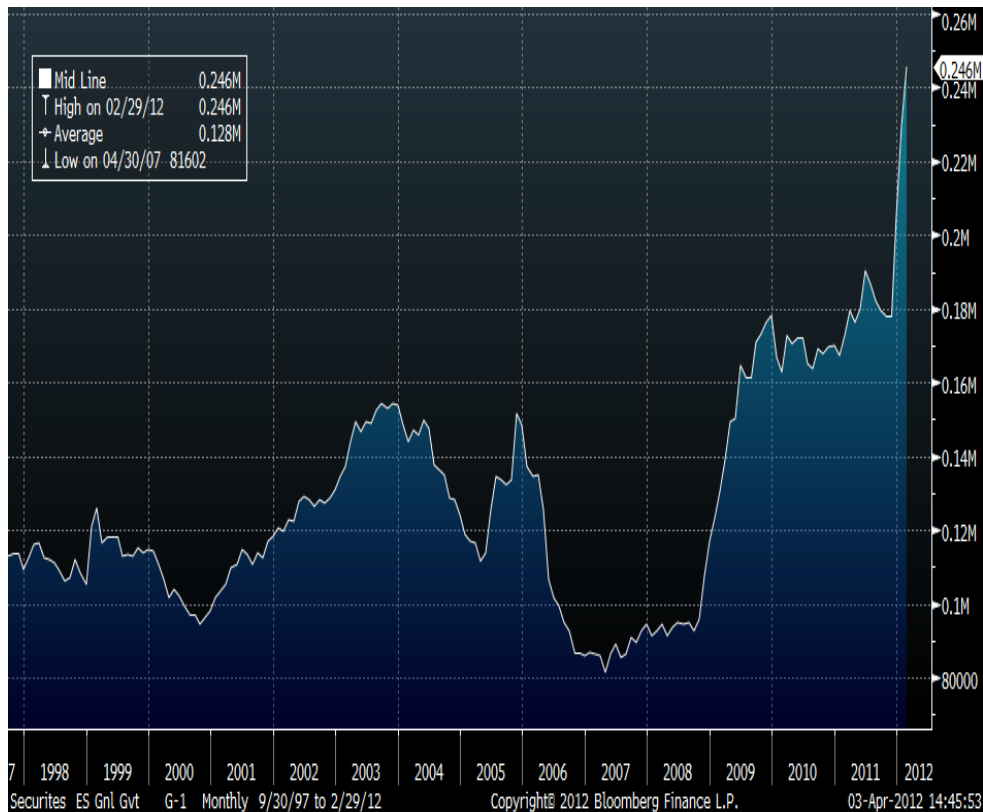
# LTRO Has Relieved Funding Pressure, but Spreads Are Rising Again

CDS spreads on domestically focused Spanish banks

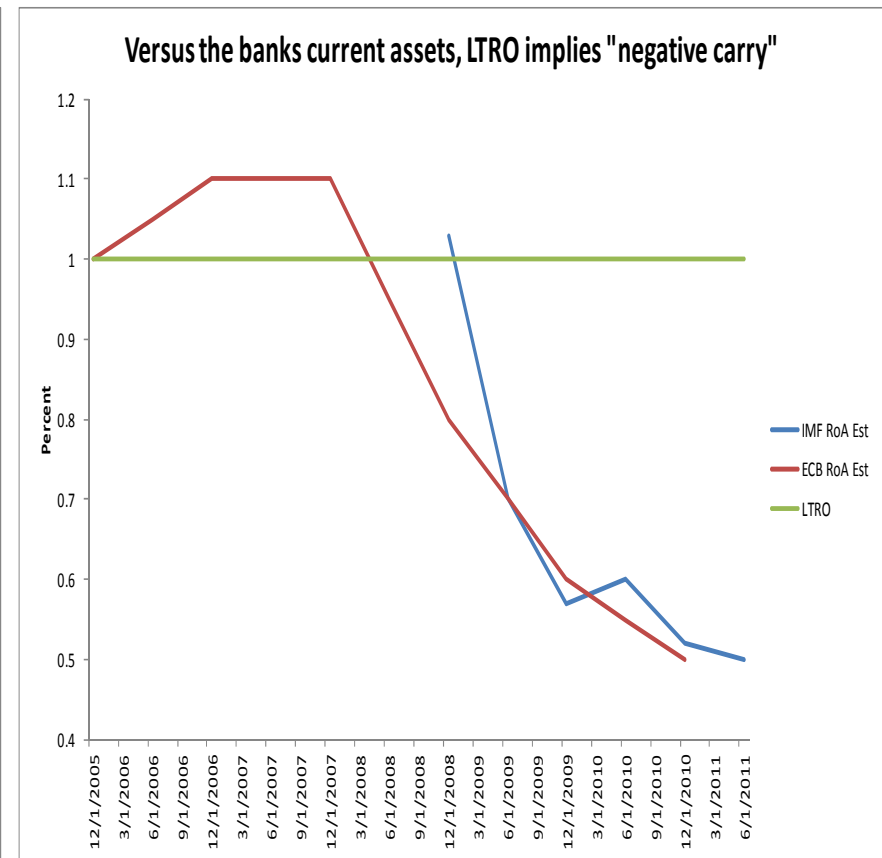
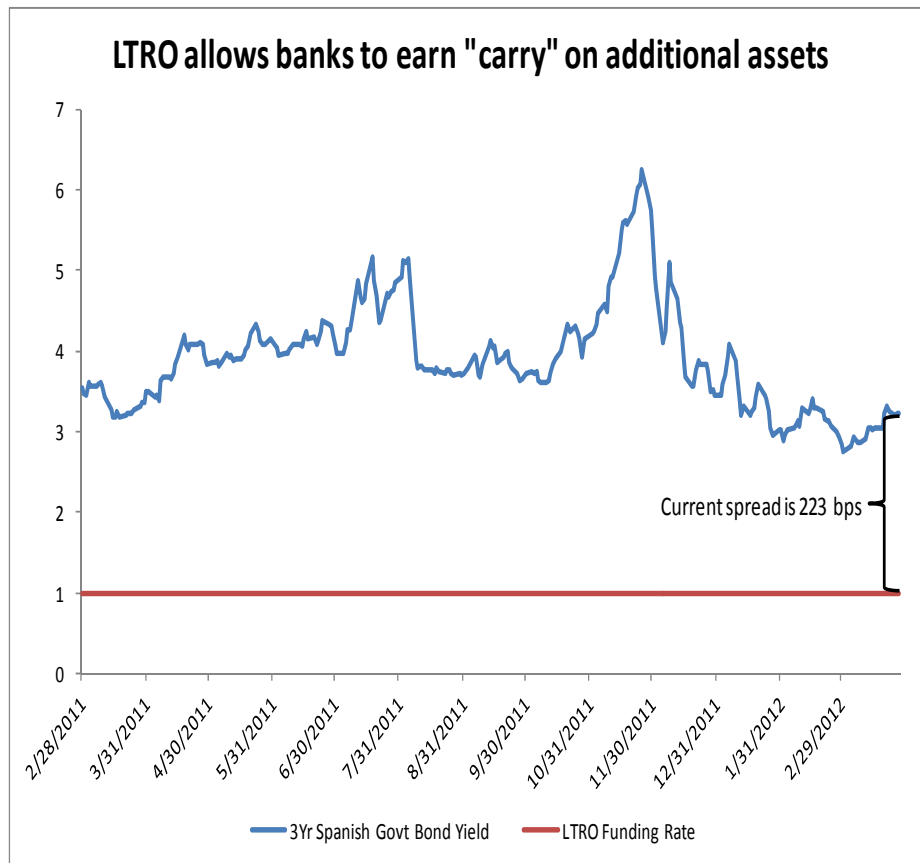


# Banks Have Greatly Increased Exposure to Sovereign, Likely Via Leverage

When the market discovered how much exposure MF Global had to European Sovereigns, a de facto “bank run” occurred. Could the whole system be doing the same now?!?!



# LTRO Allows Banks to Add *New* Assets Profitably, but Not Against Current Assets



Spain's Economy Has Not Stabilized and  
Will Continue to Deteriorate

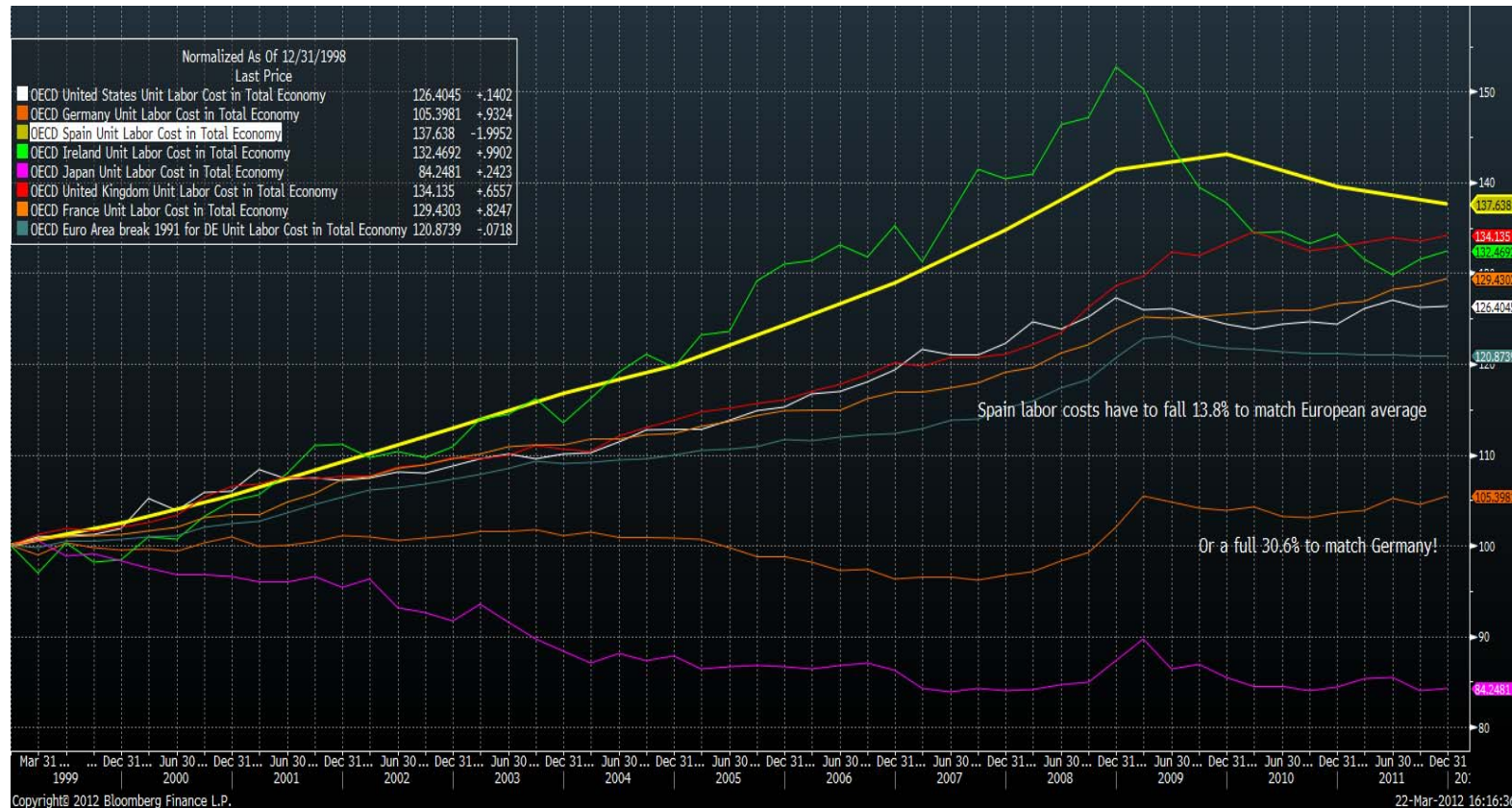


# Spain's Economy Has Intractable Problems

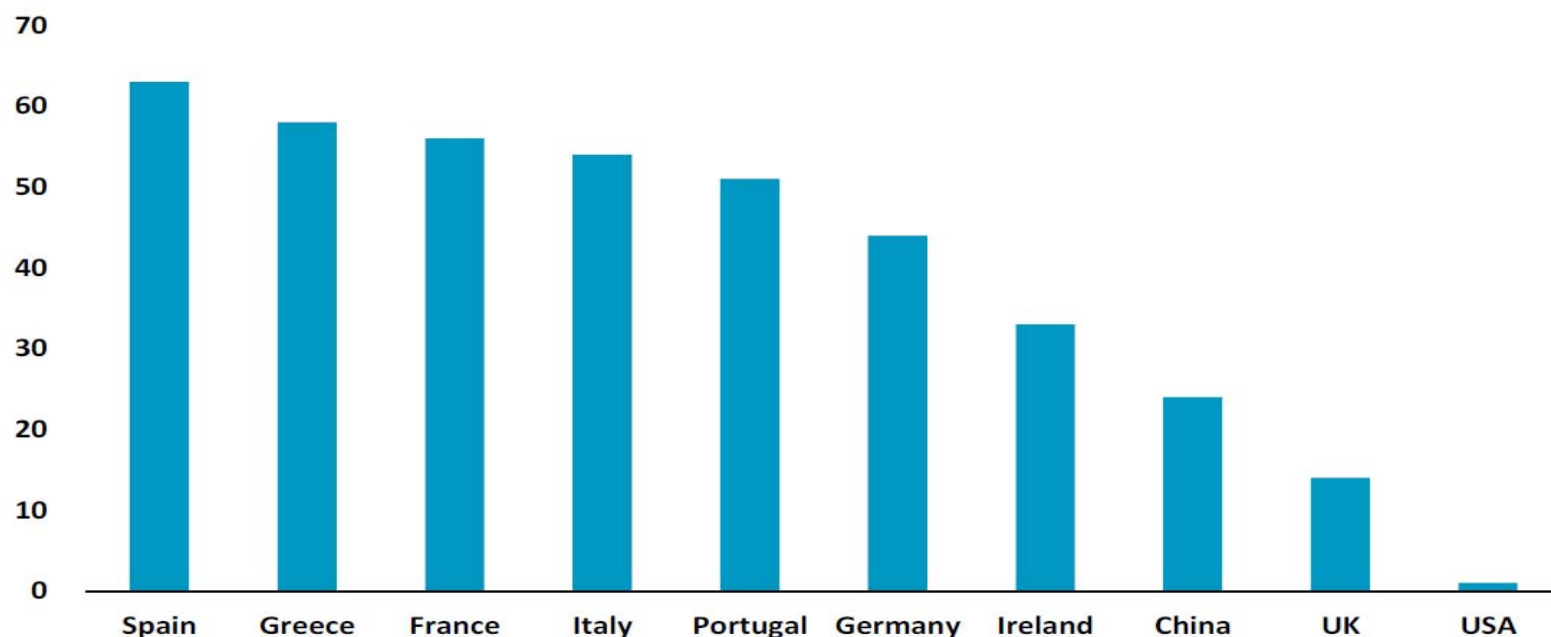
- Spain's economy has enjoyed the lower interest rates that came with Eurozone membership
  - This translated into a building boom that masked the decline in competitiveness in the economy
  - At the peak there 1-in-7 people worked directly in construction (vs the US at 1-in-22) and this had a multiplier effect creating other jobs
- Since the advent of the Euro, Spain's labor force has become increasingly uncompetitive
  - Labor costs have to fall 14% to match the Eurozone average and 30% to match Germany
- The structural defects in the labor market are only starting to be addressed
- Unemployment is at a developed country high of 24%, with youth unemployment at almost 50%
- The combined effect of falling asset prices, declining wages and high unemployment will have deleterious effects on consumer confidence and consumption
  - Consumption is 60% of the economy

# Spain's Labor Is Expensive

Unit Labor Costs since the introduction of the Euro – Source OECD



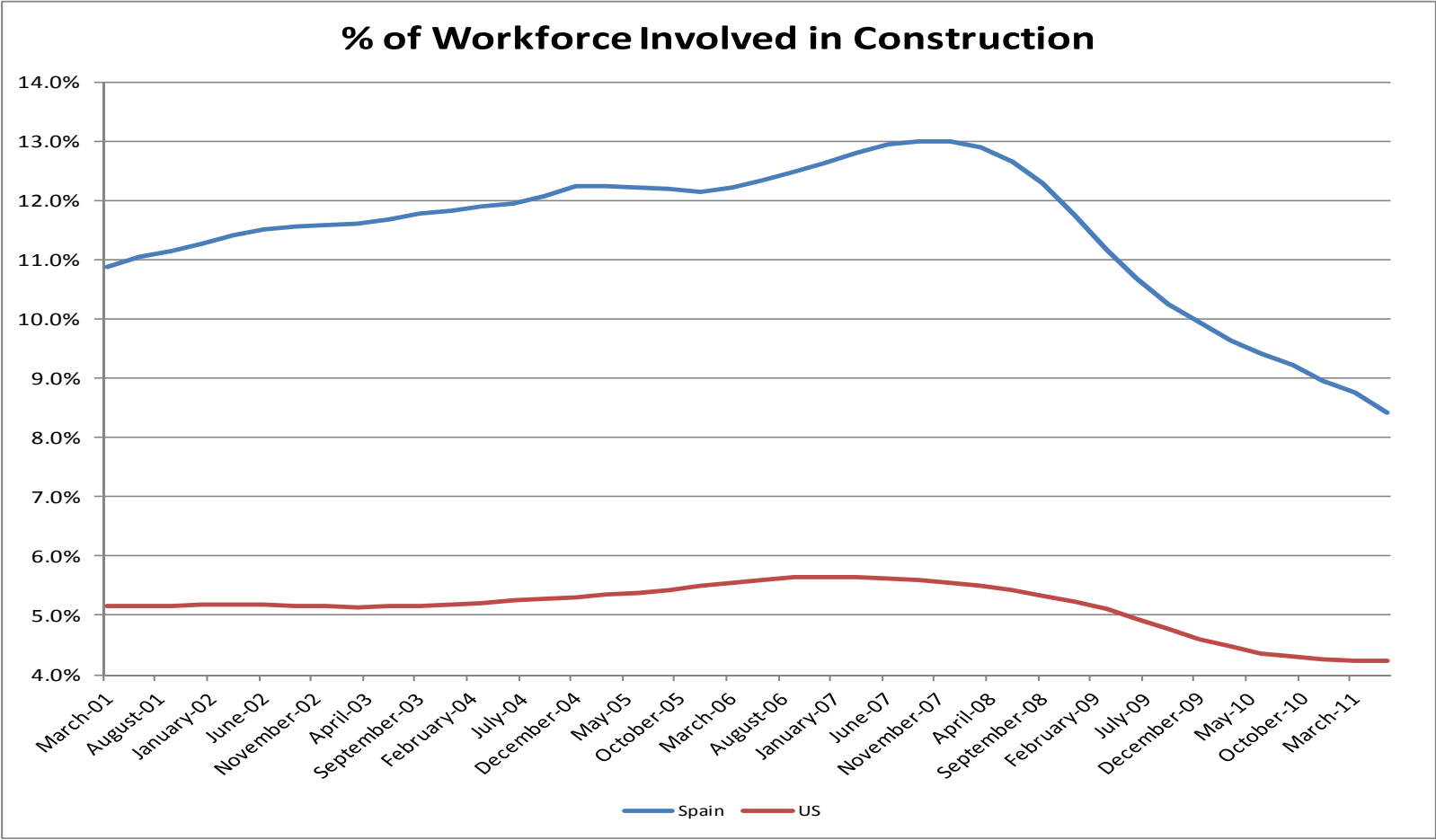
# Spain Has the Worst Labor Restrictions



The World Bank has created an index of employment and wage rigidity with a scale of 0-100 (100 being the most rigid). The US is at 1, the UK is at 14, China is 24 but in terms of Europe, Italy is at 54, France is at 56 and Spain is at 63.

Source: ISI Group

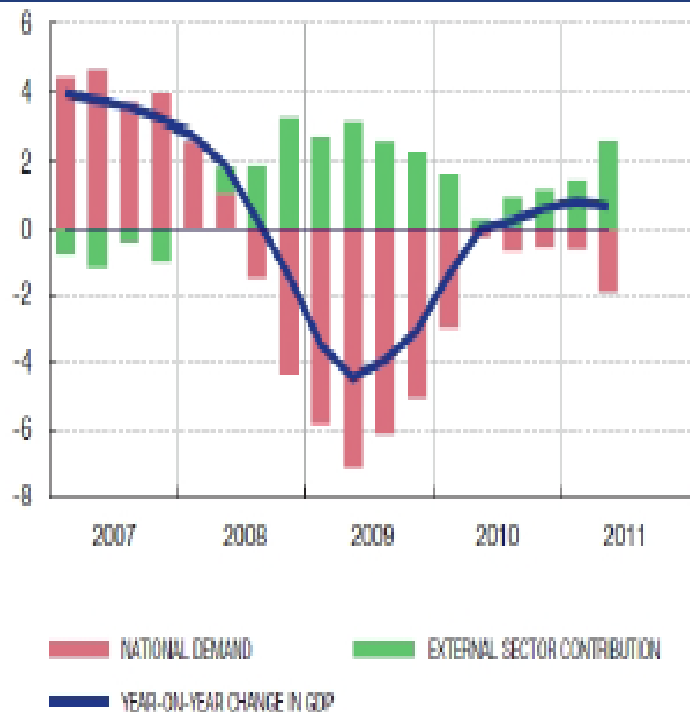
# Construction Jobs Are Not Coming Back



Source: Bloomberg

# Exports Are Vulnerable to a European Slowdown

Contribution to GDP Growth, %



Sources: INE, Bank of Spain

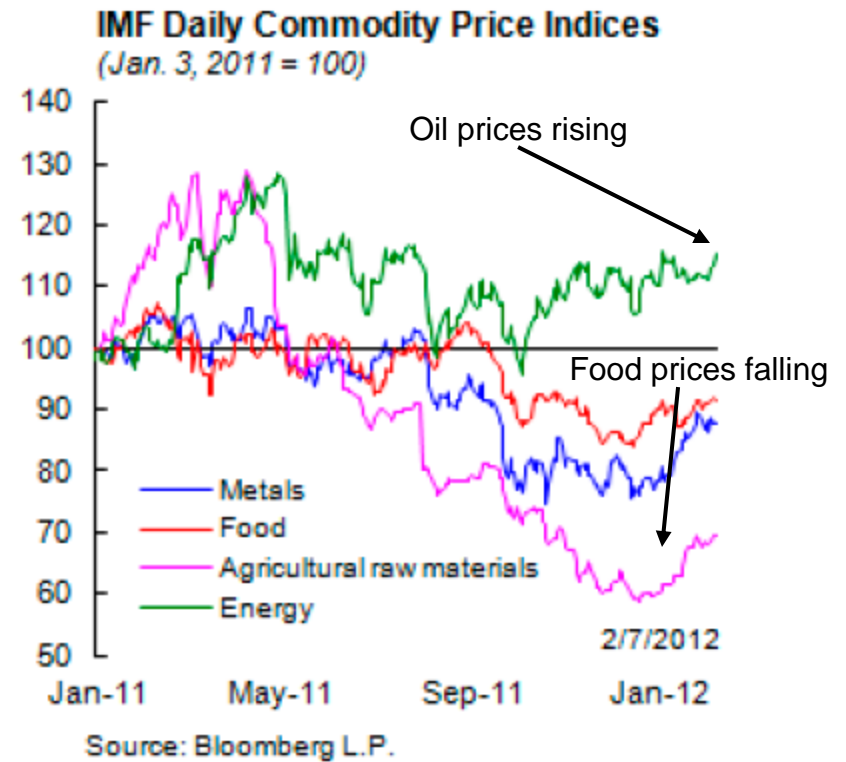
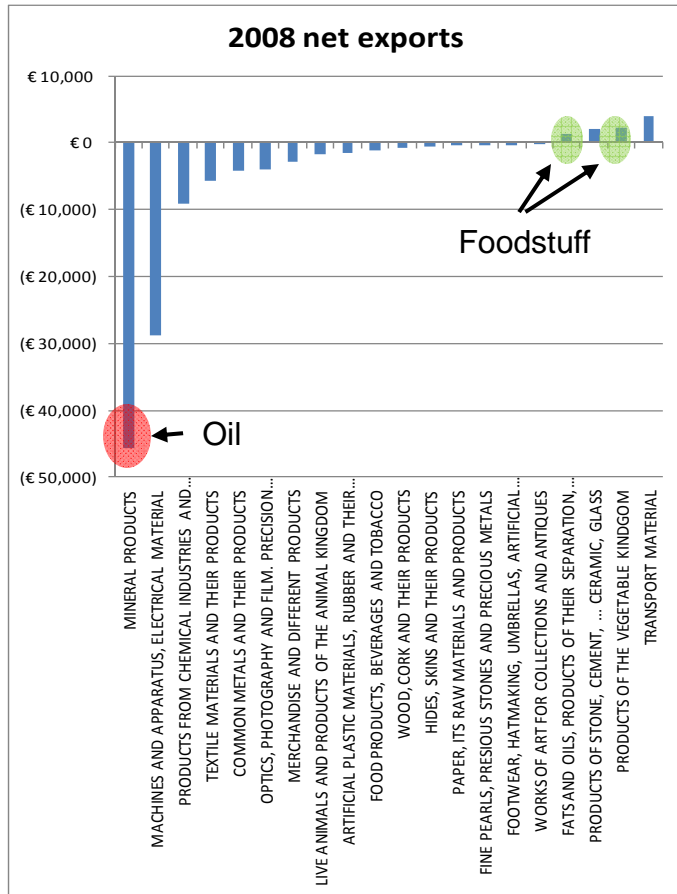
Spanish Exports Rely on European Demand

Absolute	(\$MM)	% of Total Exports	Extra-Euro zone	(\$MM)	% of Total Exports
France	45,061	18.7%	United States	7,846	3.3%
Germany	25,779	10.7%	Turkey	4,708	2.0%
Portugal	21,986	9.1%	Switzerland	4,473	1.9%
Italy	21,610	9.0%	Poland	3,694	1.5%
United Kingdom	15,238	6.3%	China	3,391	1.4%
United States	7,846	3.3%	Mexico	3,373	1.4%
Netherlands	7,715	3.2%	Algeria	2,646	1.1%
Belgium	6,920	2.9%	Brazil	2,599	1.1%
Turkey	4,708	2.0%	Russia	2,503	1.0%
Switzerland	4,473	1.9%	Czech Republic	2,074	0.9%
<b>Top 10 Export Partners</b>	<b>161,335</b>	<b>66.9%</b>	<b>Top 10 Extra-Euro zone Export Partners</b>	<b>37,308</b>	<b>15.5%</b>

\* Shaded cells indicate Euro zone members

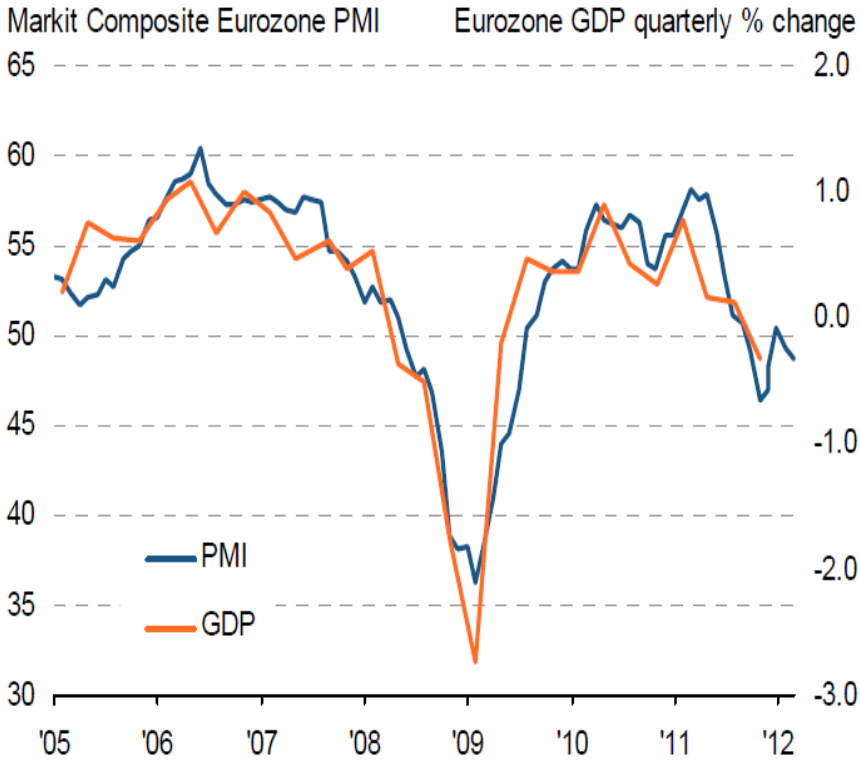
Source: IMF Direction of Trade Statistics; Knight Research

# Spain's Exports Are Getting Cheaper and Its Imports More Expensive



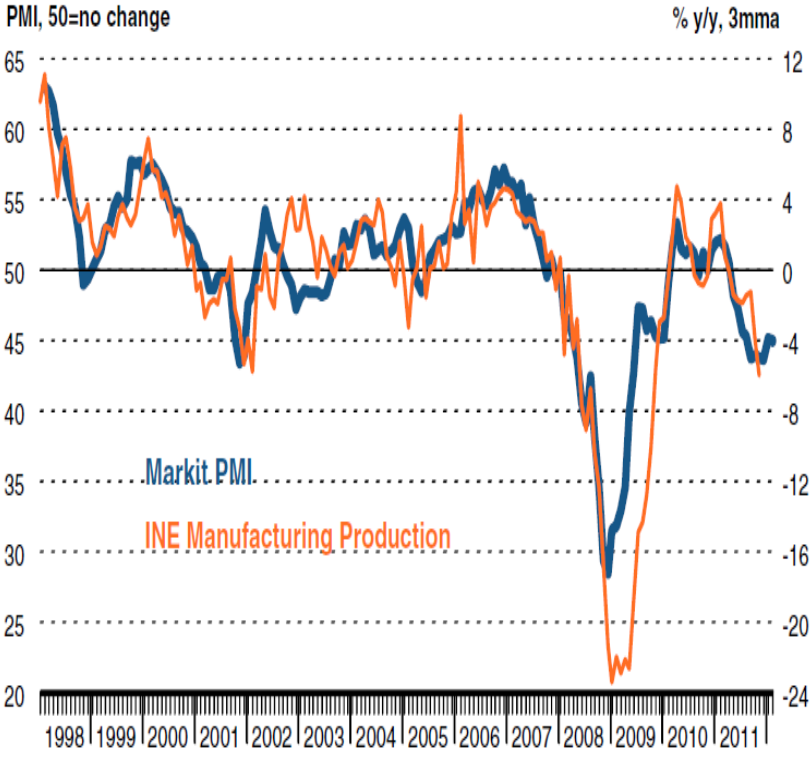
# Manufacturing in Spain Is Weakening Even Relative to the Rest of Europe

Eurozone PMI and GDP



Sources: Markit, Eurostat.

Spain PMI and Production



Sources: Markit, INE

# The IMF Projects Spain Will Be in Recession in 2012 and 2013

**Table 1. Overview of the World Economic Outlook Projections**

(Percent change unless noted otherwise)

	Year over Year					
	2010	2011	Projections		Difference from September 2011 WEO Projections	
			2012	2013	2012	2013
<b>World Output <sup>1</sup></b>	5.2	3.8	3.3	3.9	-0.7	-0.6
<b>Advanced Economies</b>	3.2	1.6	1.2	1.9	-0.7	-0.5
United States	3.0	1.8	1.8	2.2	0.0	-0.3
Euro Area	1.9	1.6	-0.5	0.8	-1.6	-0.7
Germany	3.6	3.0	0.3	1.5	-1.0	0.0
France	1.4	1.6	0.2	1.0	-1.2	-0.9
Italy	1.5	0.4	-2.2	-0.6	-2.5	-1.1
Spain	-0.1	0.7	-1.7	-0.3	-2.8	-2.1
Japan	4.4	-0.9	1.7	1.6	-0.6	-0.4
United Kingdom	2.1	0.9	0.6	2.0	-1.0	-0.4
Canada	3.2	2.3	1.7	2.0	-0.2	-0.5
<b>Other Advanced Economies <sup>2</sup></b>	5.8	3.3	2.6	3.4	-1.1	-0.3
Newly Industrialized Asian Economies	8.4	4.2	3.3	4.1	-1.2	-0.3
<b>Emerging and Developing Economies <sup>3</sup></b>	7.3	6.2	5.4	5.9	-0.7	-0.6
Central and Eastern Europe	4.5	5.1	1.1	2.4	-1.6	-1.1
Commonwealth of Independent States	4.6	4.5	3.7	3.8	-0.7	-0.6
Russia	4.0	4.1	3.3	3.5	-0.8	-0.5
Excluding Russia	6.0	5.5	4.4	4.7	-0.7	-0.4
Developing Asia	9.5	7.9	7.3	7.8	-0.7	-0.6
China	10.4	9.2	8.2	8.8	-0.8	-0.7
India	9.9	7.4	7.0	7.3	-0.5	-0.8
ASEAN-5 <sup>4</sup>	6.9	4.8	5.2	5.6	-0.4	-0.2
Latin America and the Caribbean	6.1	4.6	3.6	3.9	-0.4	-0.2
Brazil	7.5	2.9	3.0	4.0	-0.6	-0.2
Mexico	5.4	4.1	3.5	3.5	-0.1	-0.2
Middle East and North Africa (MENA) <sup>5</sup>	4.3	3.1	3.2	3.6	...	...
Sub-Saharan Africa	5.3	4.9	5.5	5.3	-0.3	-0.2
South Africa	2.9	3.1	2.5	3.4	-1.1	-0.6

Only one of two countries in recession in 2013

Most severe change of any nation from the Sept '11 WEO to the Jan '12

WEO = *World Economic Outlook* last published January 24, 2012

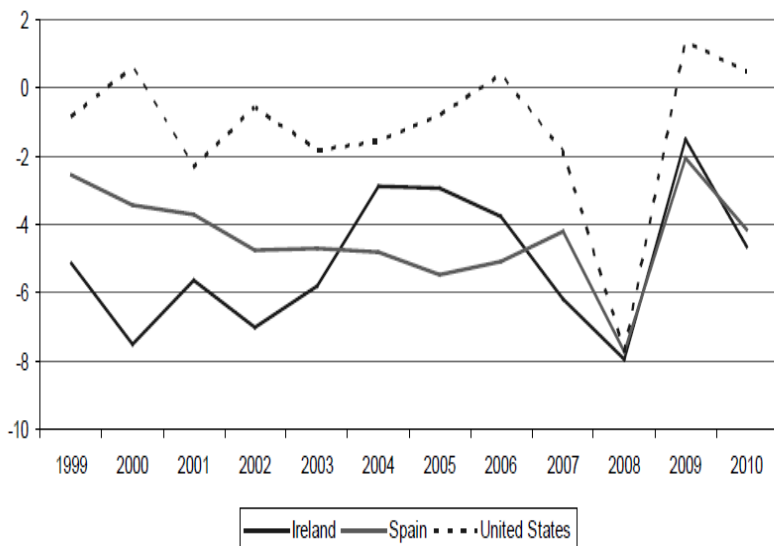


# Spain Has Lost Control of Interest Rates and Currency by Being in the Euro

Effective interest rates are 4% too high

The “currency” needs to fall 15%

Figure 3.2 Deviations from the Taylor Rule in Ireland, Spain and the US

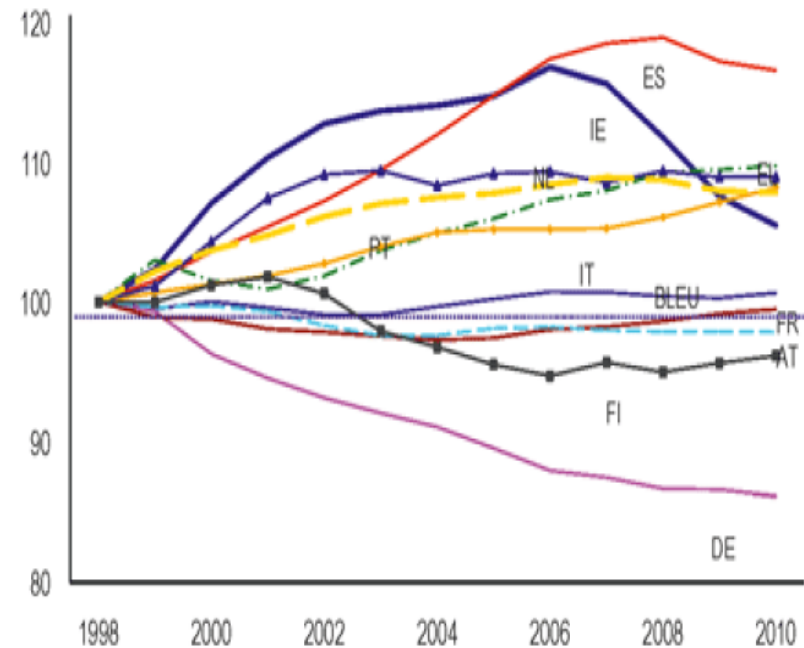


Notes:  $TR_t = CPI_t + (\text{average IR over the sample period}) + 0.5 \cdot (CPI_t - 2\%) + 0.5 \cdot \text{output gap}_t$ , where  $TR_t$  is the implied interest rate in period  $t$ ,  $CPI_t$  is the consumer price index and IR is the central bank's official interest rate.

Sources: Data on inflation and output gap from the IMF World Economic Outlook Database and calculating the implied interest rate according to the formula.

Source: Center for Economic Policy Research

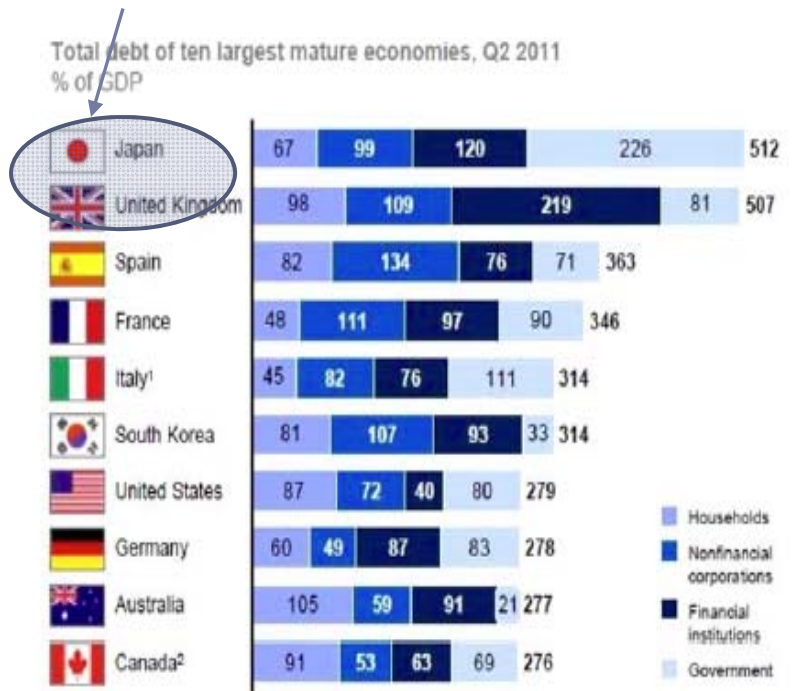
Intra-European Real Effective Exchange Rates (1998=100)



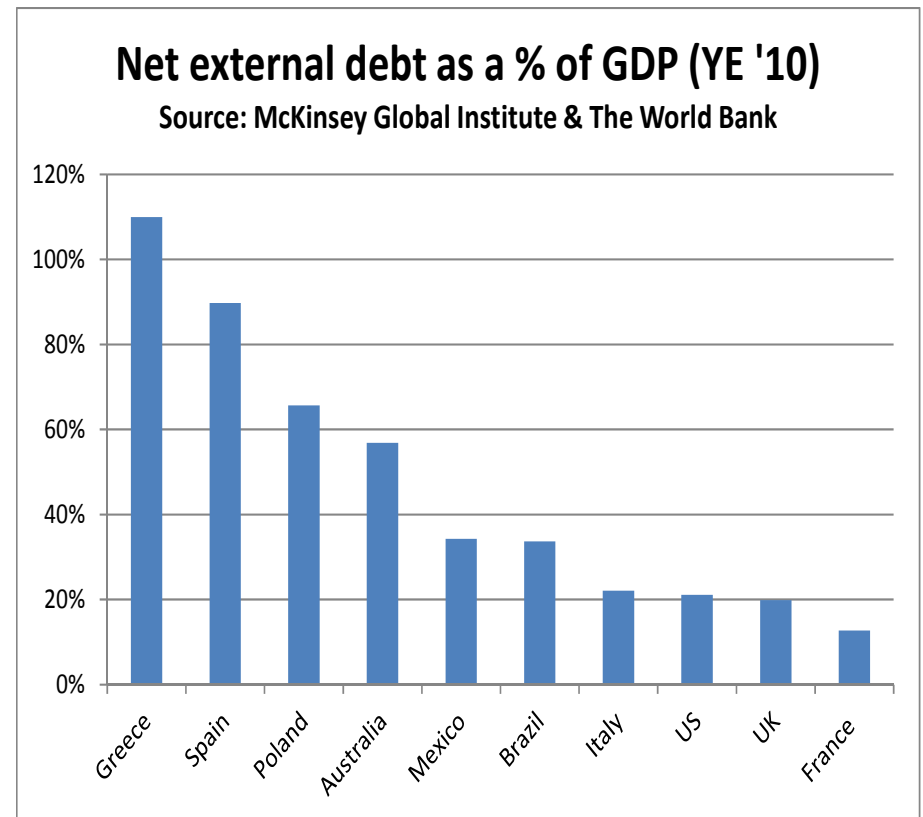
Source: European Commission

# Spain Has Too Much Overall Debt Which Is Owned by Foreigners

These two countries have control of their own currency



1 Q1 2011 data.  
 2 According to Canada's national accounts, "household" sector includes nonfinancial, non-corporate business.  
 NOTE: Numbers may not sum due to rounding.  
 SOURCE: Haver Analytics; national central banks; McKinsey Global Institute



Europe Will Not Have the Firepower or  
Political Will to Bail Out Spain

# The Headline Numbers for the European Firewall Are Unrealistic and Misleading

- The headline numbers on the combined European firewall is as large as €940bn
- This counts €220bn of funds already committed to Portugal, Ireland and Spain
- Germany would owe a total of €401bn – they currently only have approval both by the Bundestag and the Constitutional Court for €211bn
- Greece would owe €20bn – impressive for a country that just was bailed out
- Spain would owe €176bn – which is 16% of GDP and 154% of the expected Government tax revenues for 2012
- Obviously if Spain needs to be bailed out the size of the Fund will be much smaller than the headline

# Details on the Firewall Size Are Uncertain

- There are two rescue mechanisms
  - European Financial Stability Facility (EFSF) – commitments from members are undrawn until needed and funds to this point have been lent directly to national governments
    - German commitment capped at €211bn which has been approved by the legislature and the Constitutional Court
  - European Stability Mechanism (ESM) – Initial drawn capital has been set at €80bn which will be funded by the members, additional capital can be drawn up to a total of €500bn
    - Unclear at this point if weak countries will have to pay the initial funding
    - Initial capital call equals ~0.9% of GDP – would this count against the budget deficit? The €9.5bn capital call on Spain equals almost 10% of LTM government revenues
    - German commitment capped at €190bn which if is part of the €211bn has been approved
  - If the programs are to run concurrently, would Germany need approval by the Bundestag? Would it face another challenge in the Constitutional Court?

# If Spain Unravels, the Size of the Problem Grows and the Rescue Funds Shrink

- Should all of the GIIPS countries be forced to drop out of ESM and EFSF, roughly 1/3 of the commitments would disappear
- Should Spain lose complete access to the markets like Greece, Ireland and Portugal have, the worst case funding needs are very large:

<u>Maturing Debt</u>	<u>2012</u>	<u>2013</u>
Bills	60.4	21.1
Bonds	45.1	60.4
International bonds	3	1.5
ICO	10.4	15.4
FROB	3	2.1
FADE	2.1	2.7
Deficit (estimated by CITI)	70.1	43.8
Bank debt guaranteed by Spain	<u>26.1</u>	<u>5.5</u>
<b>Total</b>	<b>220.2</b>	<b>152.5</b>
<b>Sum for '12 and '13</b>	<b>372.7</b>	

- In this worst case, Spain would take up nearly 60% of the fully drawn headline numbers – leaving less for Italy, Portugal, Ireland and Greece