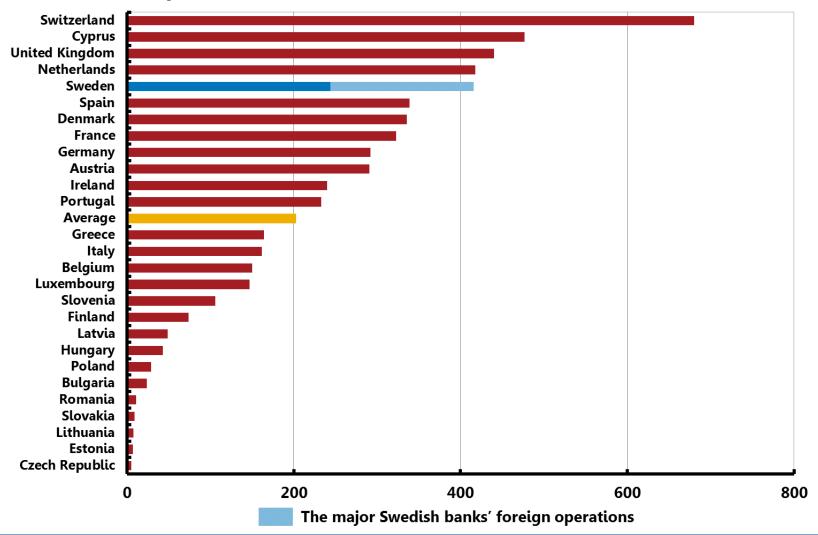


### The Swedish banking system



### The banks' assets in relation to GDP

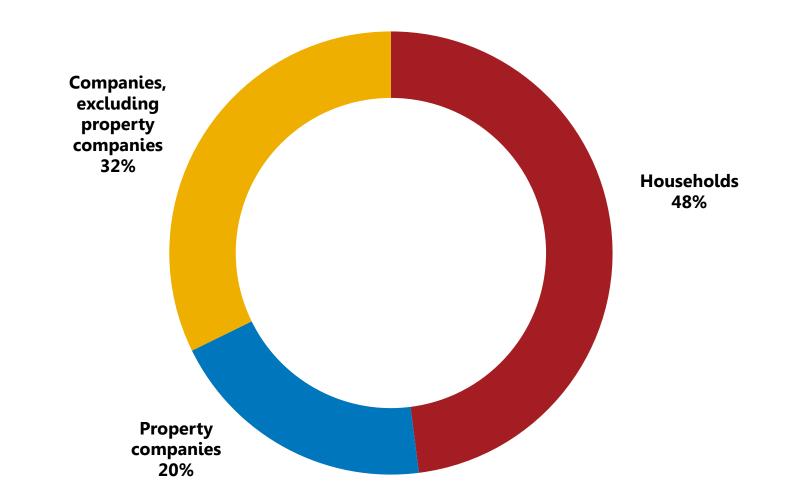
#### December 2011, per cent



Sources: ECB, the European Commission, the Swiss National Bank and the Riksbank

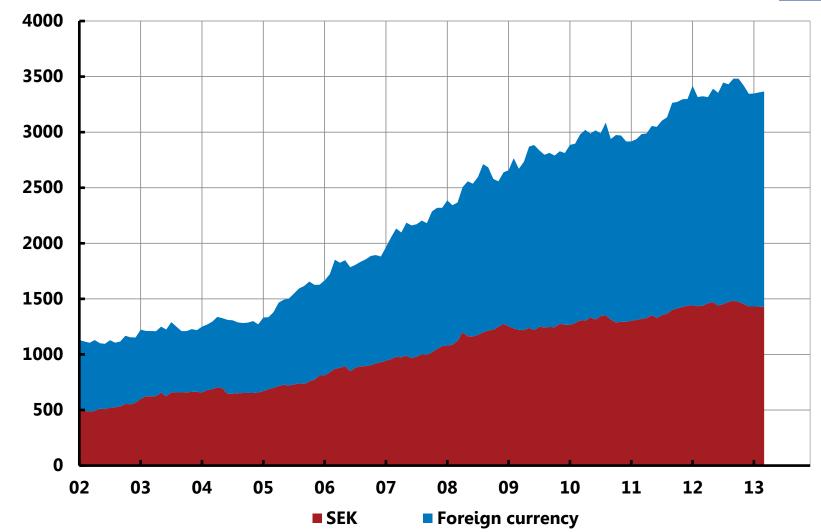
#### Lending of the major Swedish banks per borrower category March 2013





### The major banks' market funding via Swedish parent companies and subsidiaries





Sources: Statistics Sweden and the Riksbank



### Chapter 1 Stability assessment and recommendations

### **Stability web**



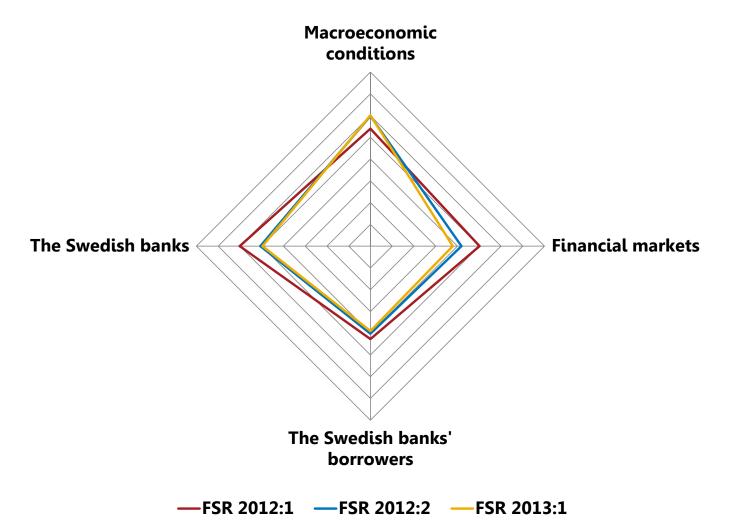
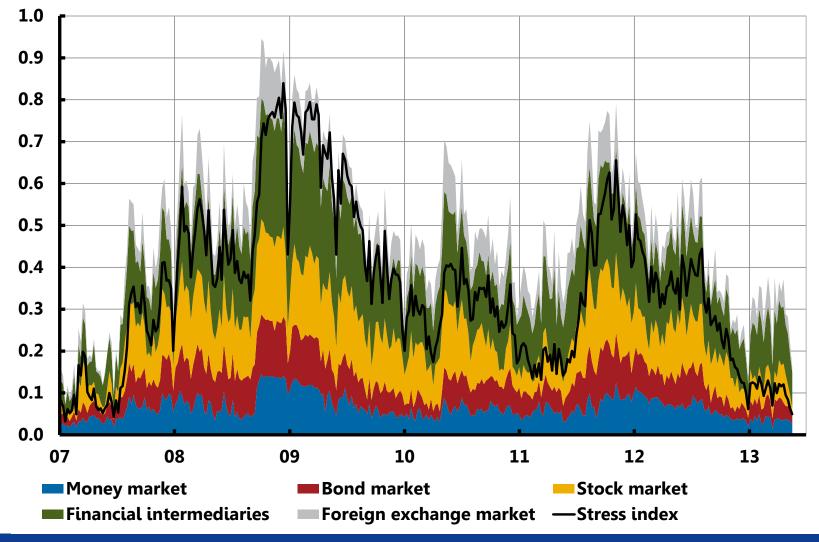


Chart 1:1

#### **European stress index**



#### Ranking



## Systemic risk indicator for the Swedish financial system



Probability, per cent

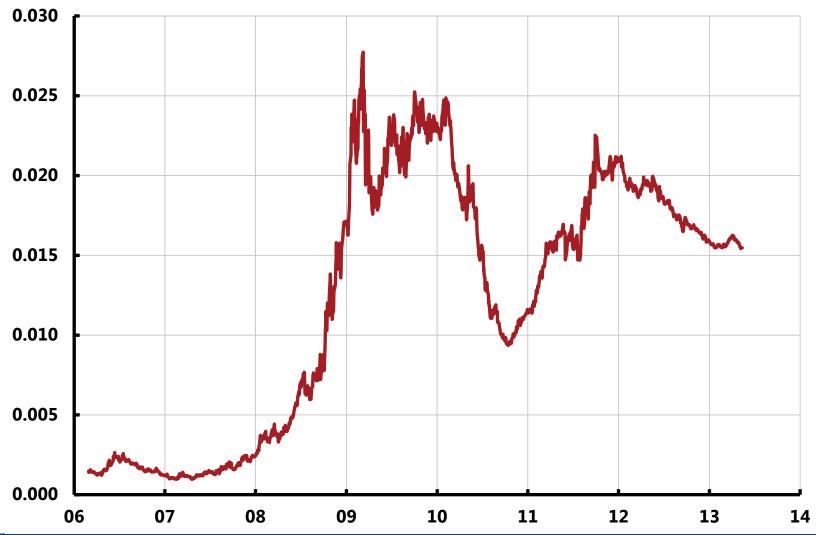


Chart 1:3

Source: The Riksbank

#### Transparency index for liquidity reporting, European banks March 2013



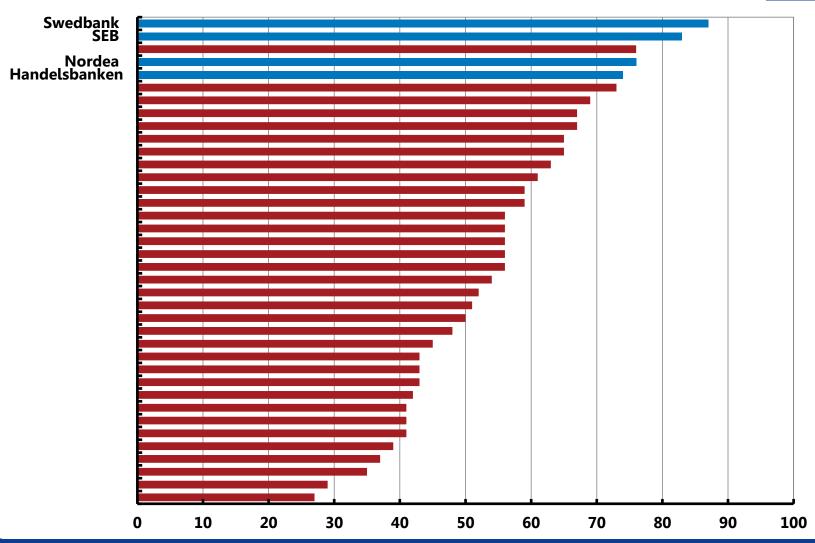


Chart 1:4

Source: Liquidatum

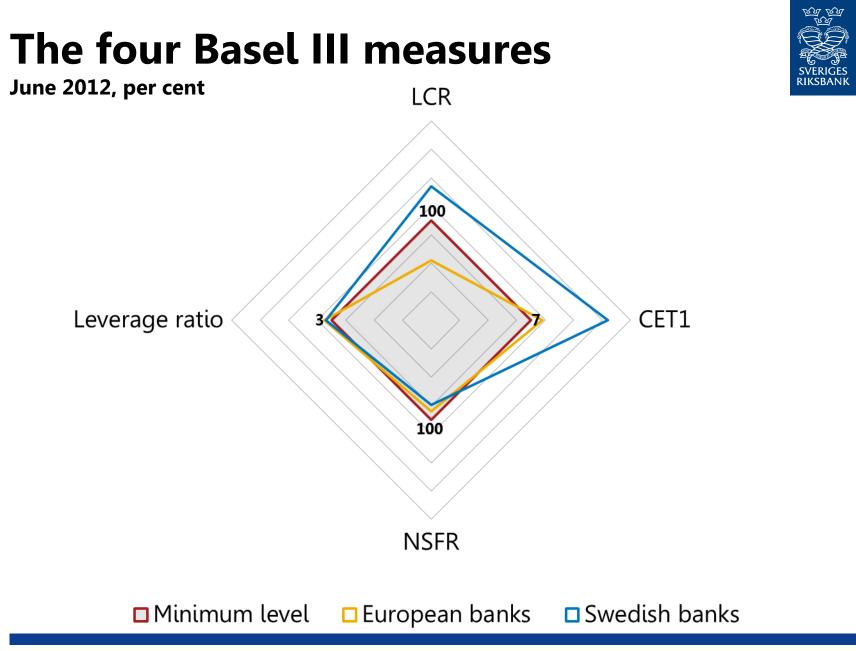
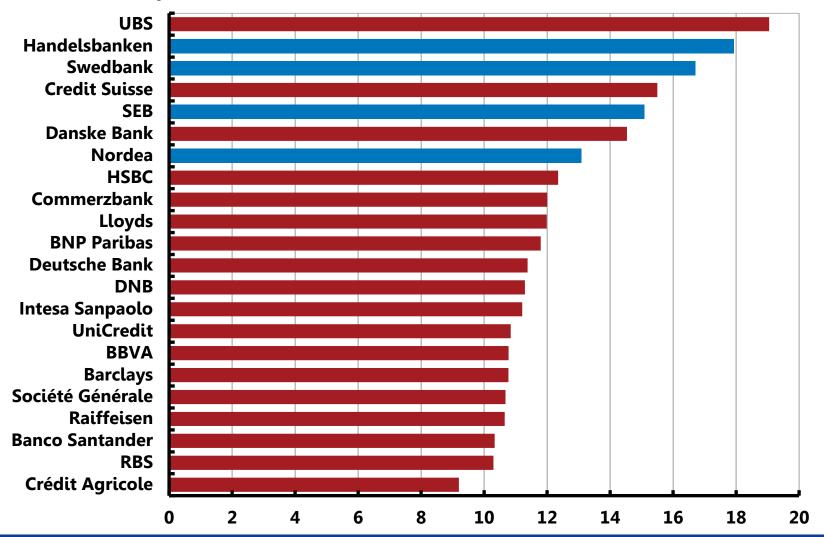


Chart 1:5

EBA, Finansinspektionen and the Riksbank

### Core tier 1 capital ratio according to Basel II

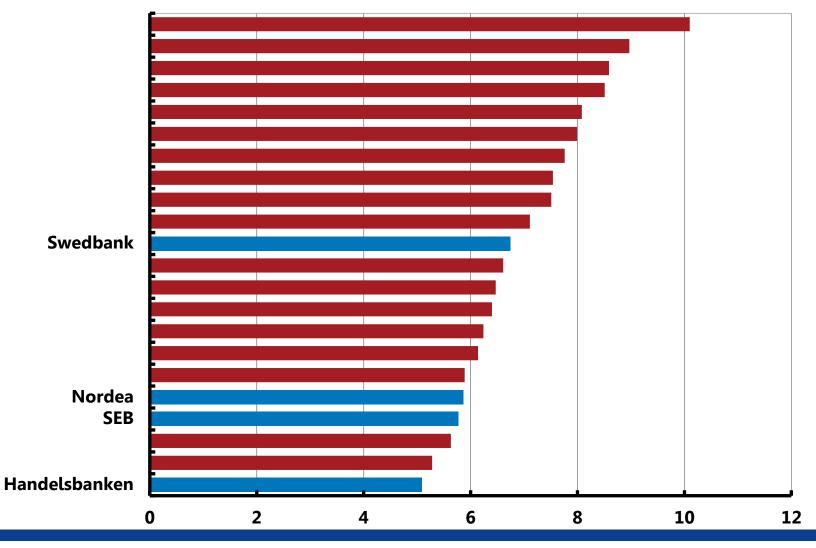
December 2012, per cent





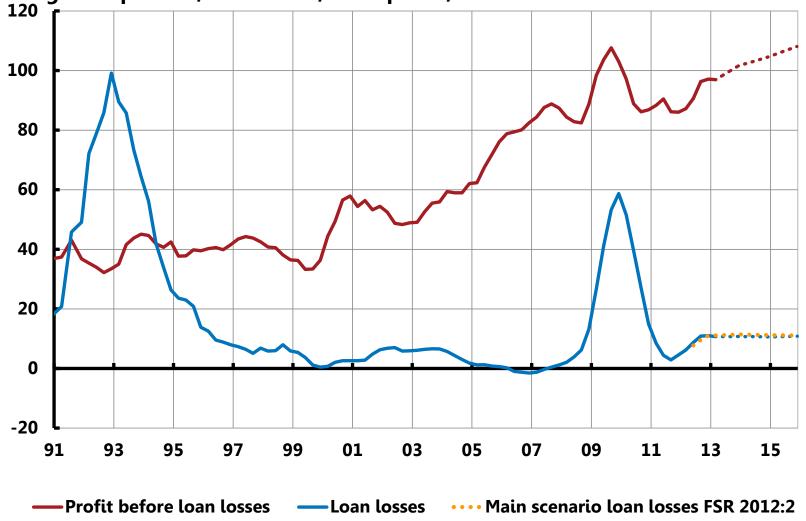
### **Equity in relation to total assets**

December 2012, per cent



### Profit before loan losses and loan losses in the major Swedish banks in the main scenario

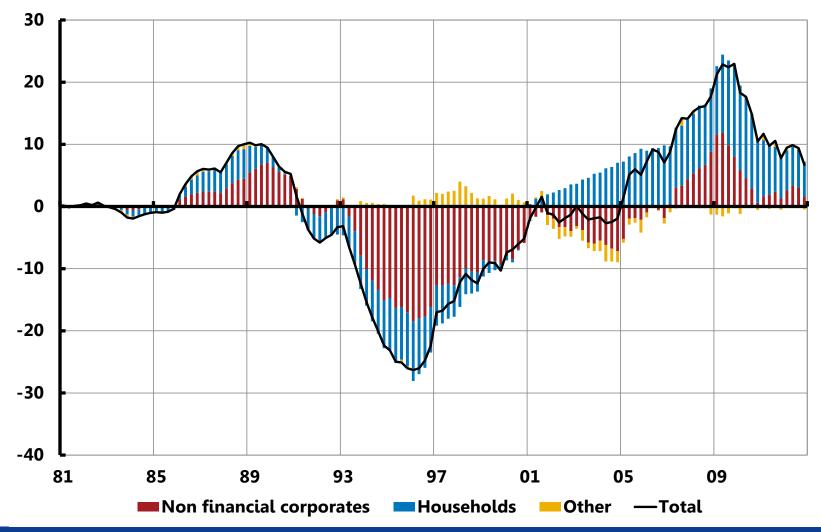
Rolling four quarters, SEK billion, fixed prices, March 2013





### The credit gap for Sweden

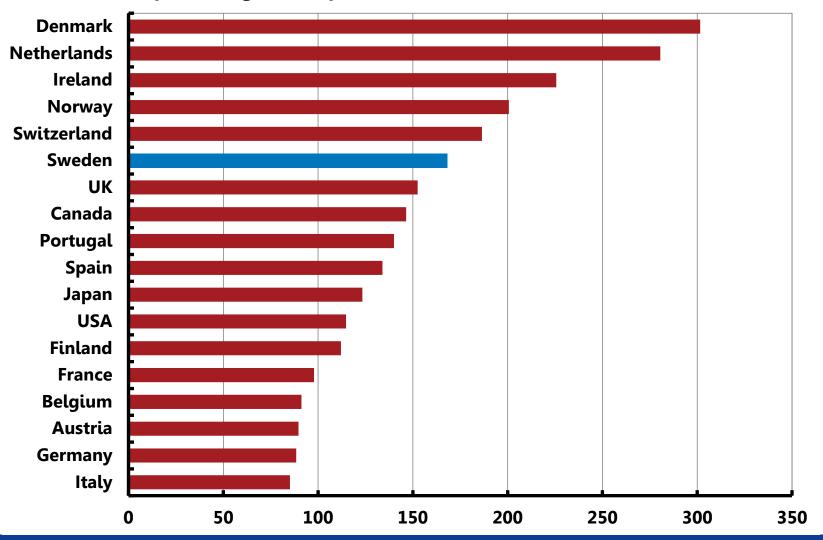
Per cent of GDP



Sources: Statistics Sweden and the Riksbank

### Household debt

#### December 2011, percentage of disposable income



# Swedish banks' wholesale funding in foreign currency



**Percentage of GDP** 

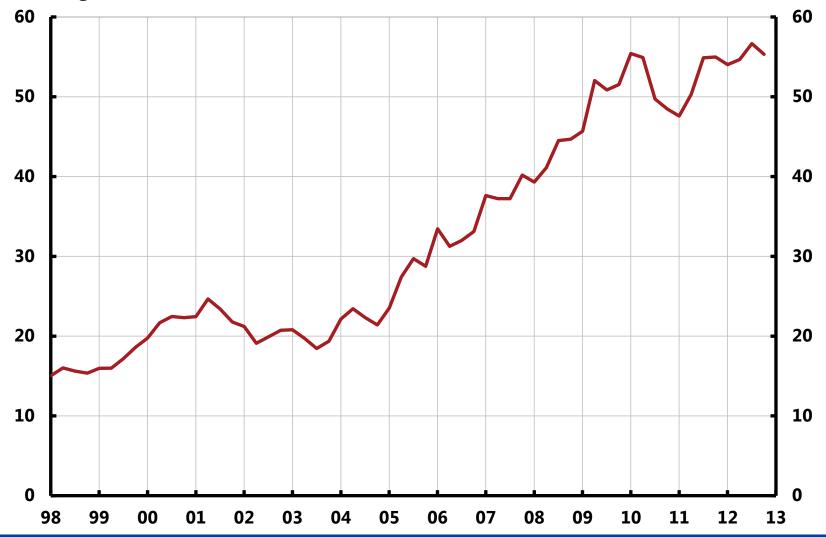


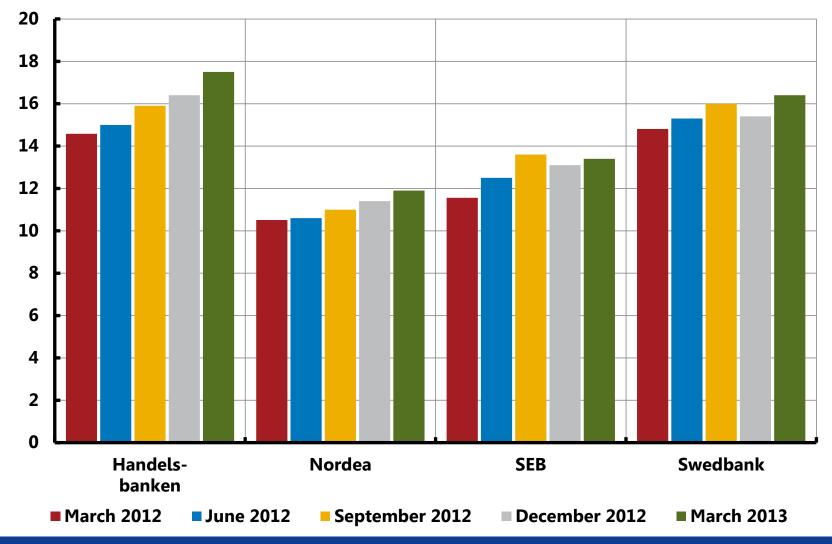
Chart 1:11

Sources: Statistics Sweden and the Riksbank



### **CET 1 ratios according to Basel III**

Per cent

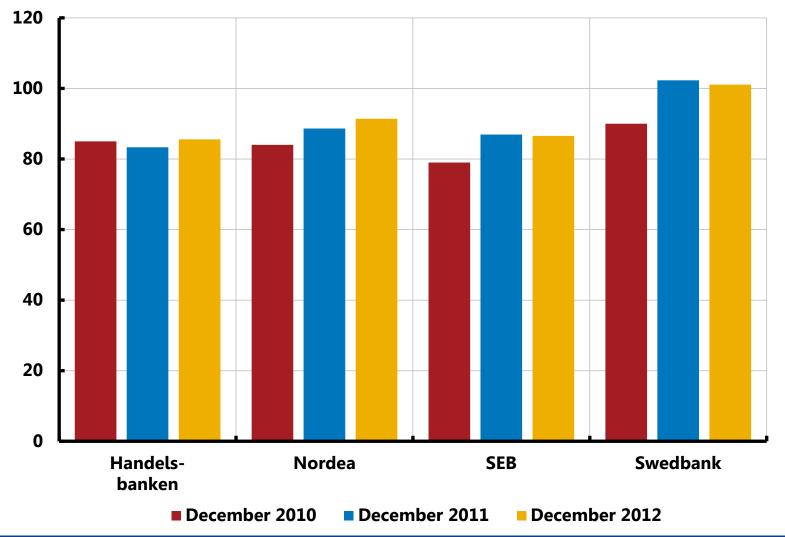


Sources: Bank reports and the Riksbank

## The Riksbank's structural liquidity measure



Per cent

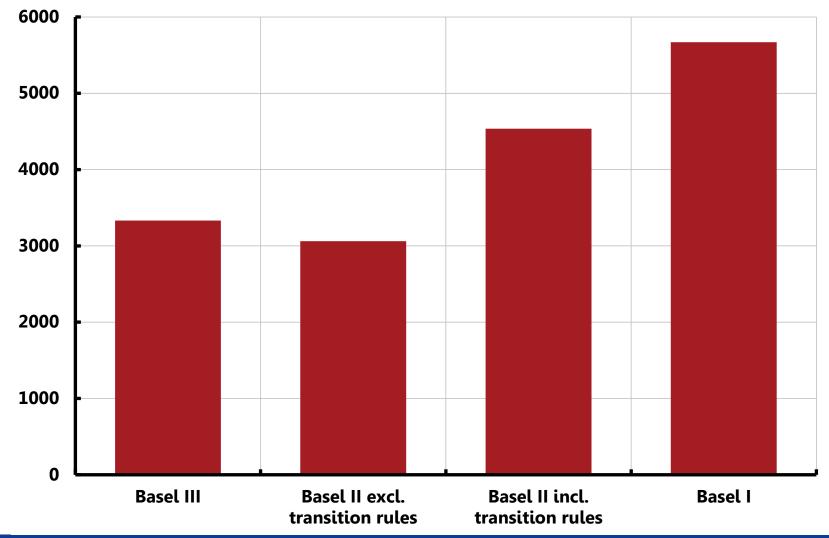


Sources: Liquidatum and the Riksbank

### The major Swedish banks' riskweighted assets



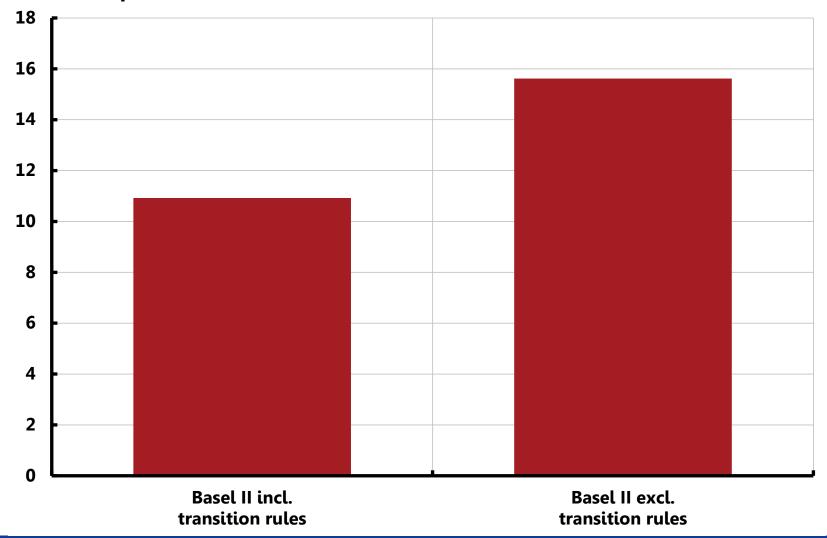
March 2013, SEK billion



## The major Swedish banks' Tier 1 capital ratio



March 2013, per cent



Sources: Bank reports and the Riksbank



### **CET 1 ratios and leverage ratios**

June 2012, per cent

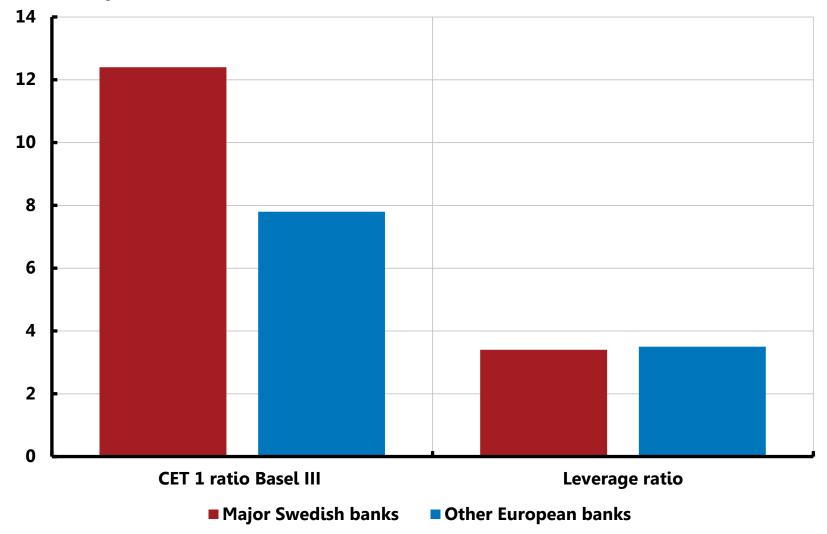


Chart B1:3

Sources: Bank reports, EBA and the Riksbank

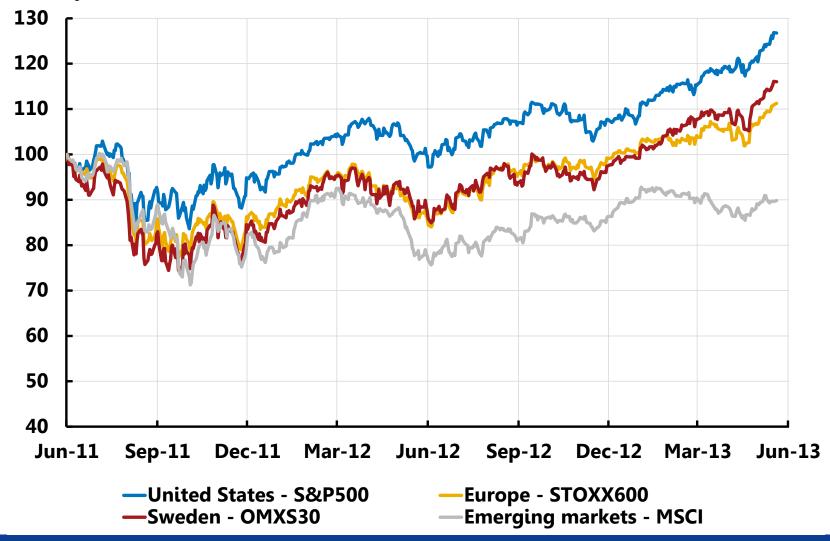


### Chapter 2 Financial markets

### **Stock market developments**

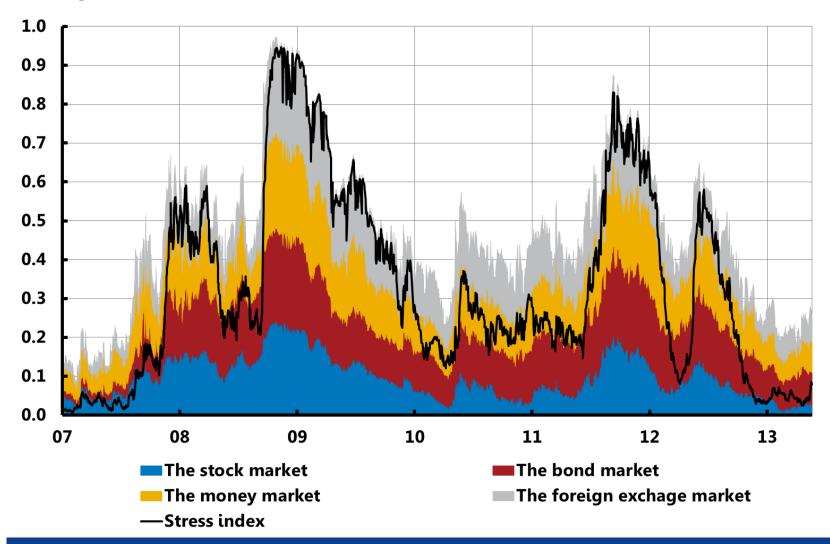


Index, 1 june 2011=100



### Swedish stress index

Ranking



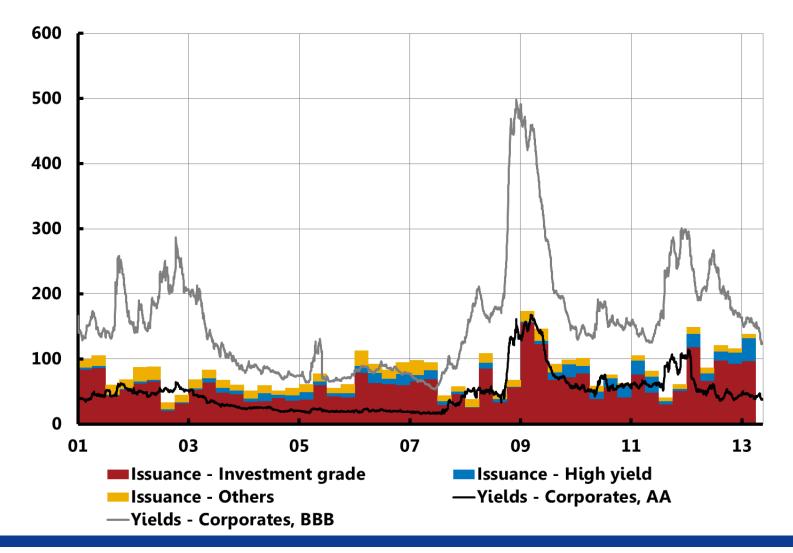
SVERIGES RIKSBANK

Sources: Reuters EcoWin, Bloomberg and the Riksbank

### **Issuance volumes and funding costs for European corporates**



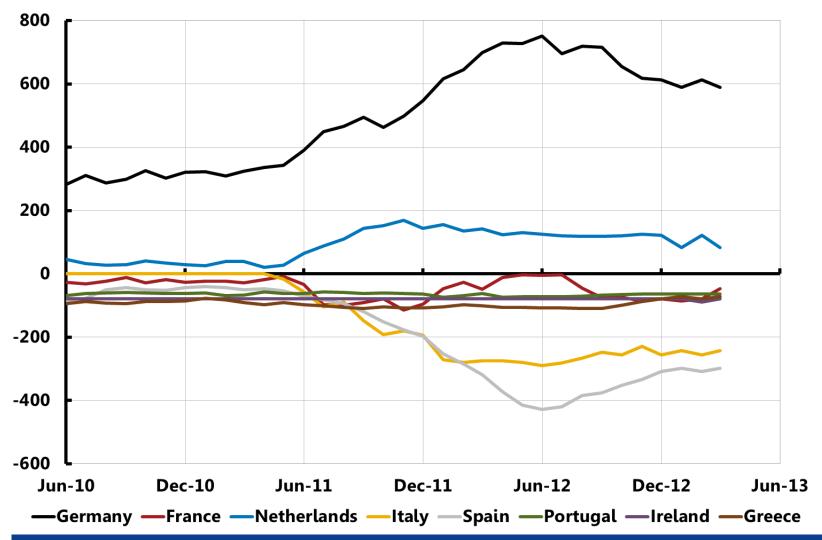
EUR billion and basis points



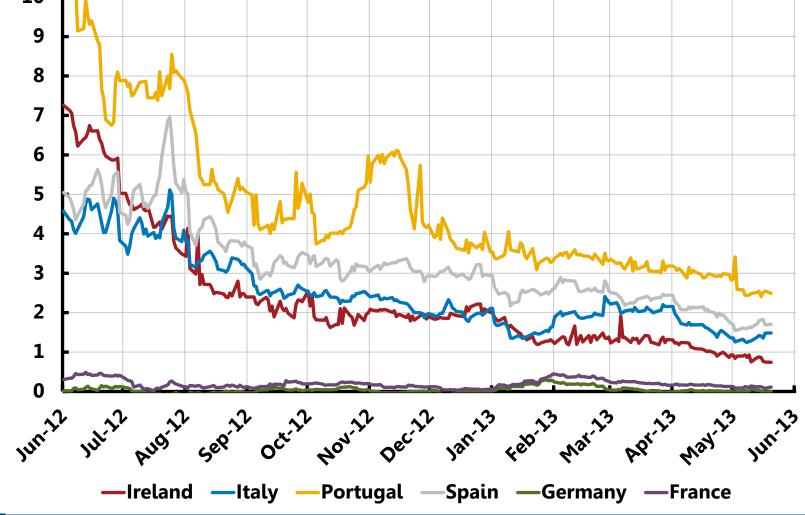
### **Balances in Target2**



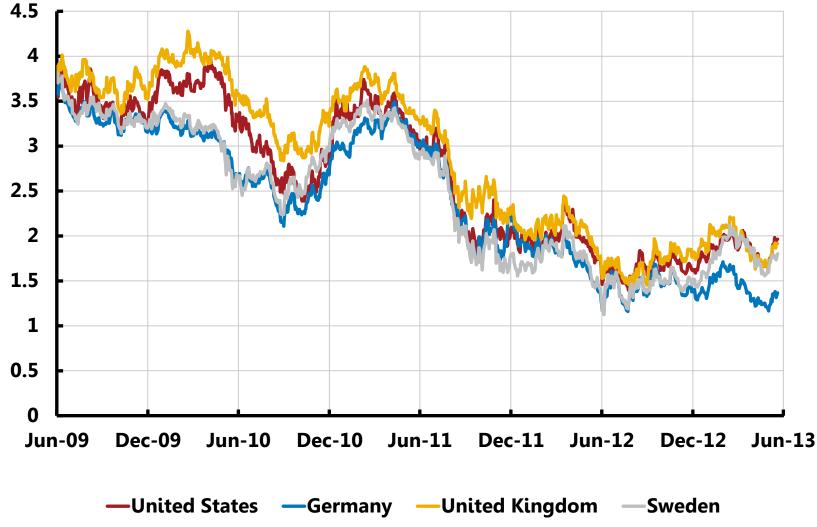
**EUR billion** 





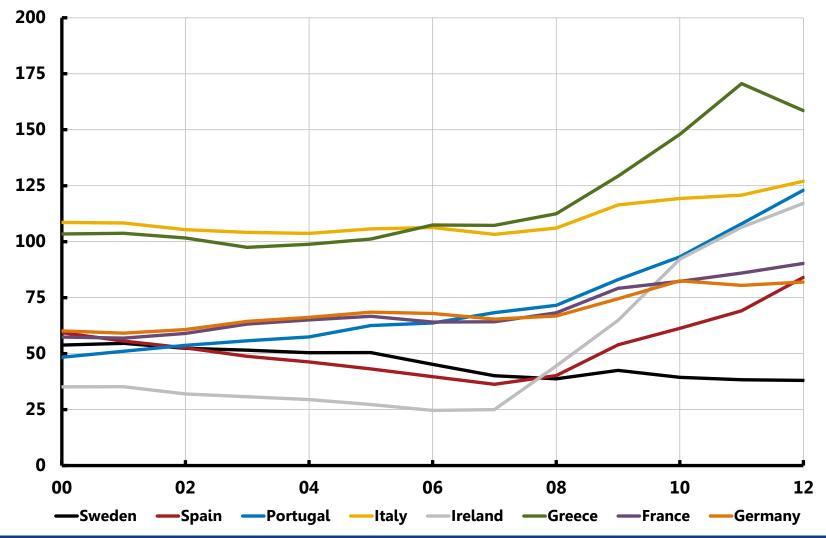






### Public debt in relation to GDP

Per cent



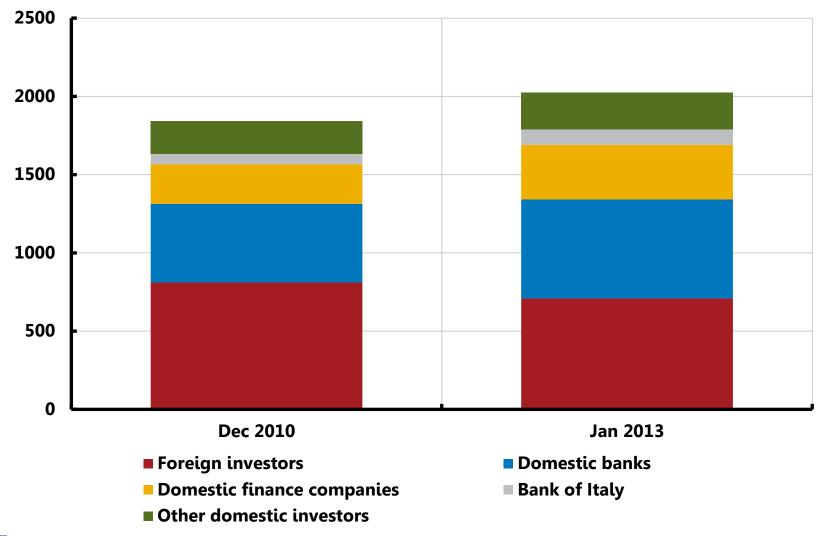
Source: Reuters EcoWin

Chart 2:7

### **Ownership structure for Italy's government debt**



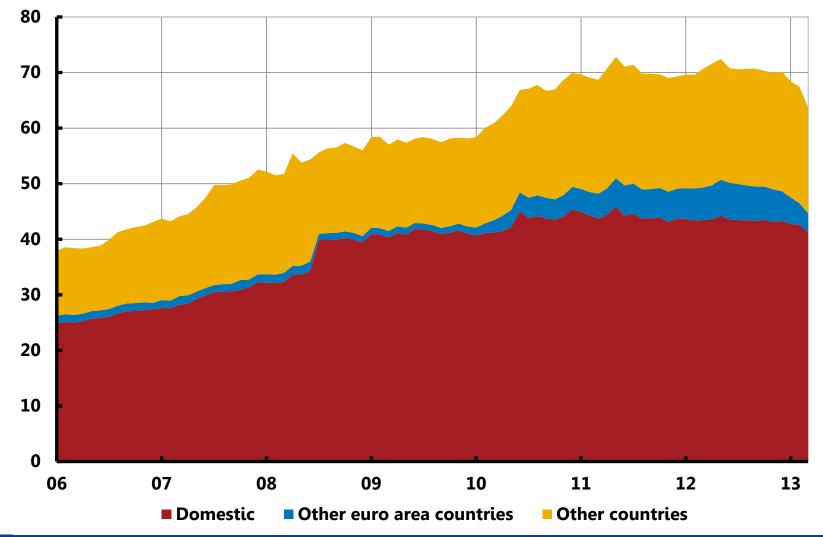
**EUR billion** 



### **Bank deposits in Cyprus**



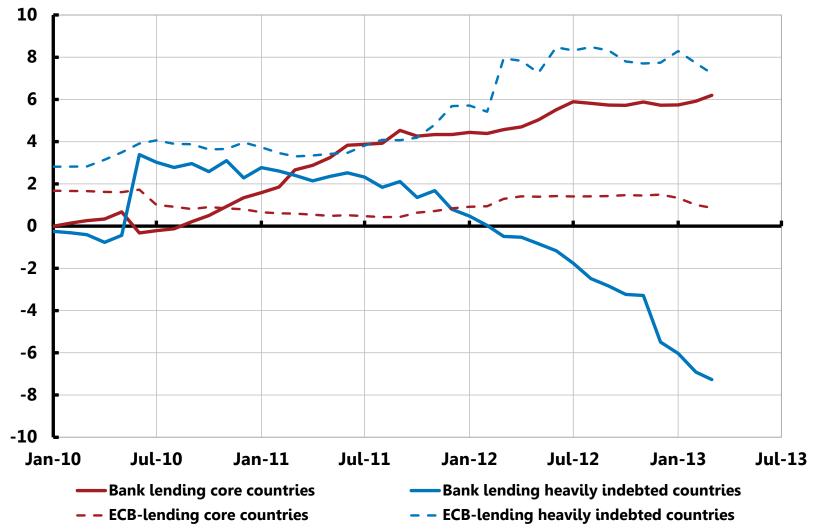




Sources: Reuters EcoWin and the Riksbank

### ECB-lending to the banks and banks' lending to the public

ECB-lending in per cent of bank assets. Bank lending: Index, 1 January 2010=0 2010

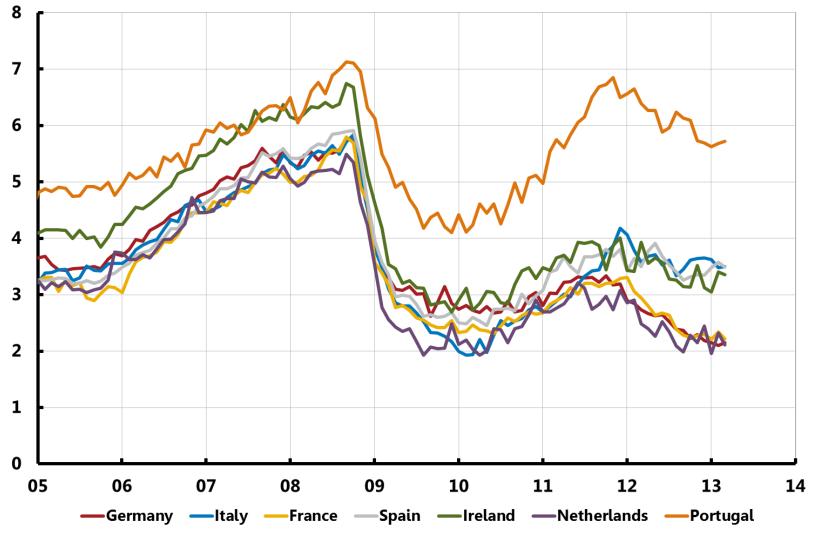


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### Interest rates on corporate loans in selected euro area countries



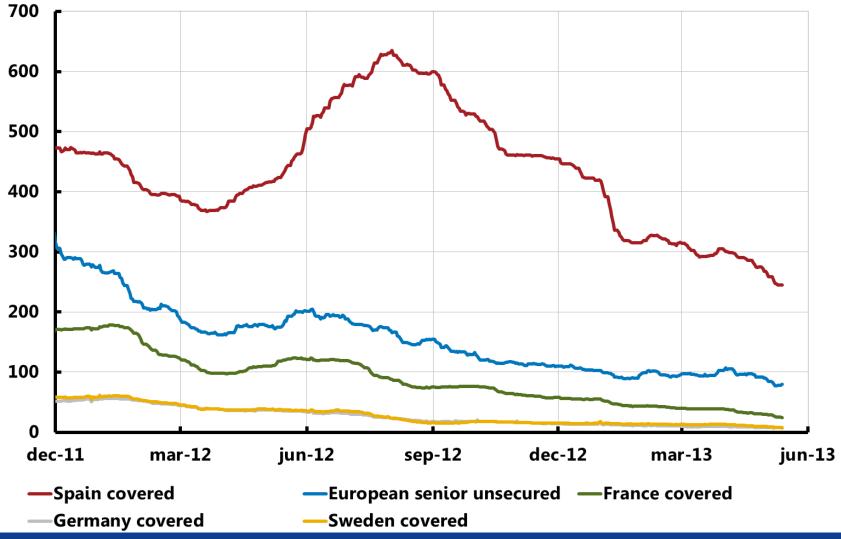
Per cent



### Yields on covered bonds



Basis points





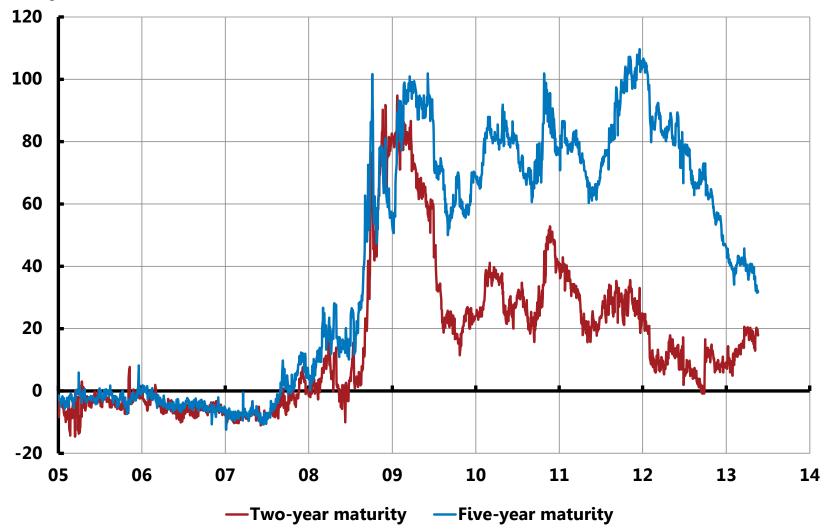
### **Five-year CDS-premiums for banks**



# Yields on Swedish banks' covered bonds



**Basis points** 

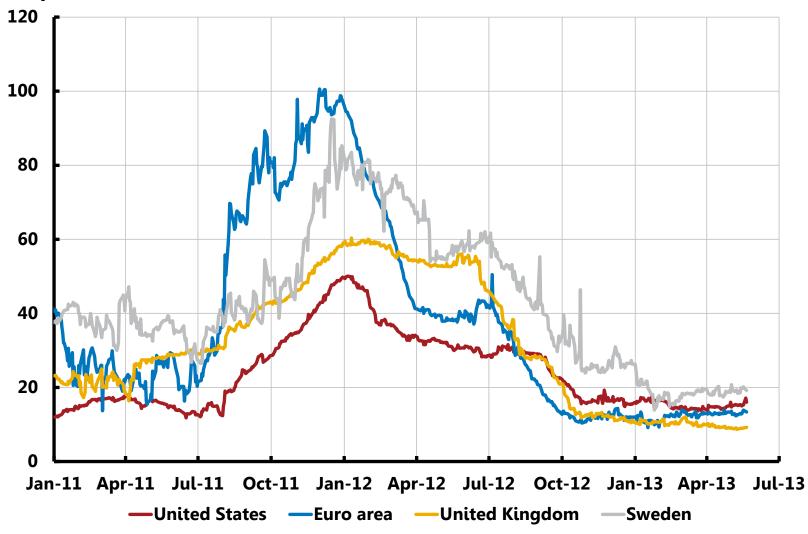


Sources: Reuters EcoWin and the Riksbank

# The risk premium on the interbank market



**Basis points** 

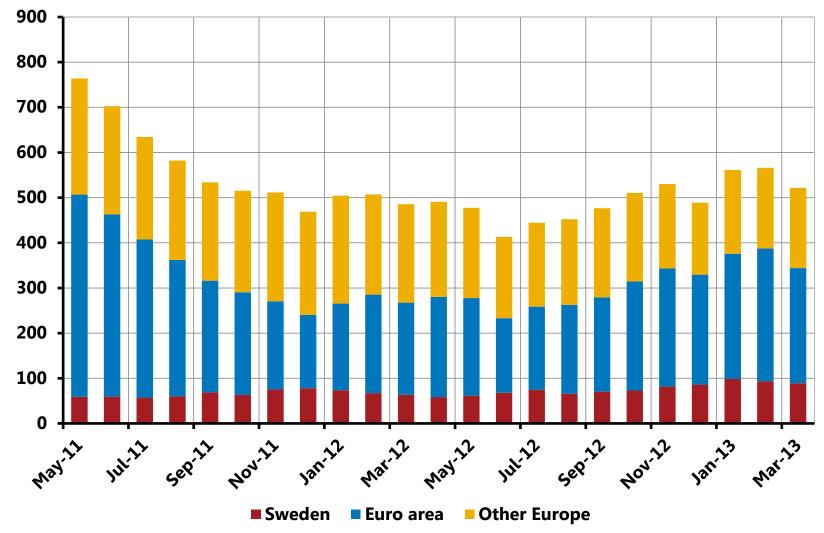


Sources: Bloomberg and the Riksbank



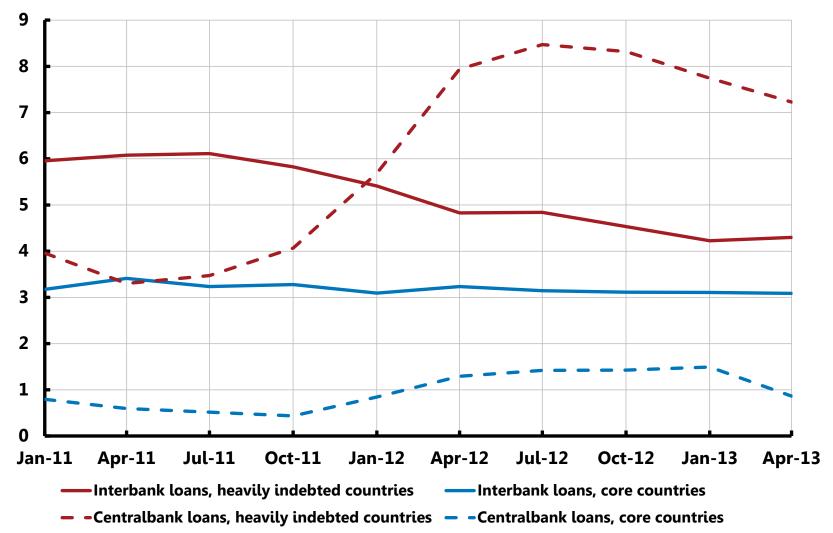
# US money market fund exposures

**USD** billion



# Interbank and central bank loans

#### Per cent of total bank assets



Sources: Bloomberg, Reuters EcoWin and the Riksbank

#### European banks' held-for-trading assets and availablefor-sale assets as a proportion of total assets December 2011, per cent

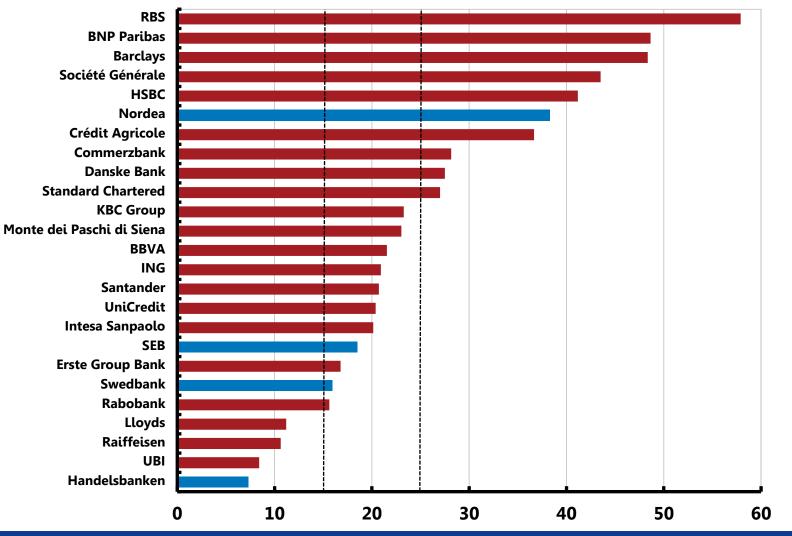


Chart B2:1

Source: SNL Financial



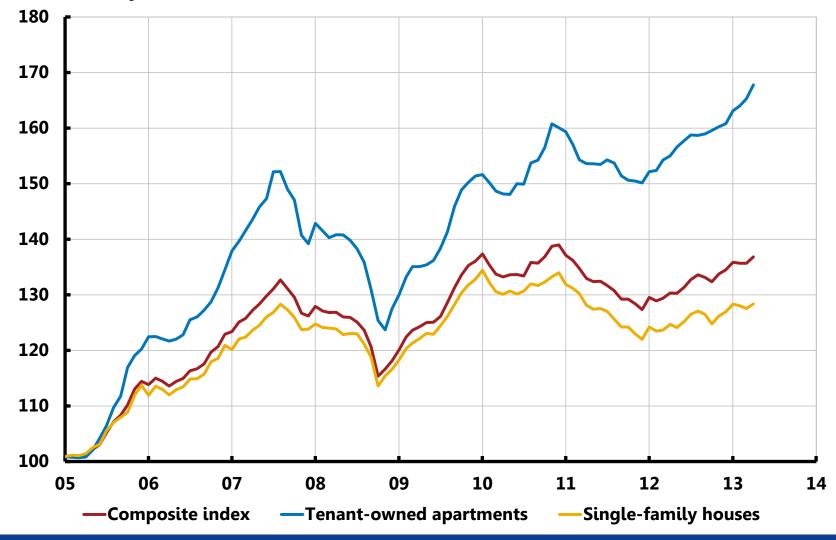
# Chapter 3 The Swedish banking groups' borrowers

# **Real housing prices**





Index, January 2005=100



Sources: Valueguard and the Riksbank

# Number of housing starts



Thousands

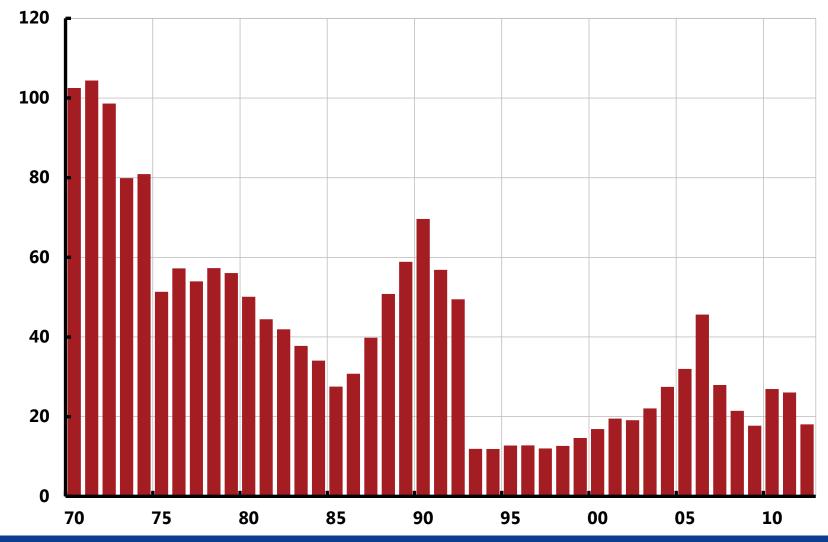
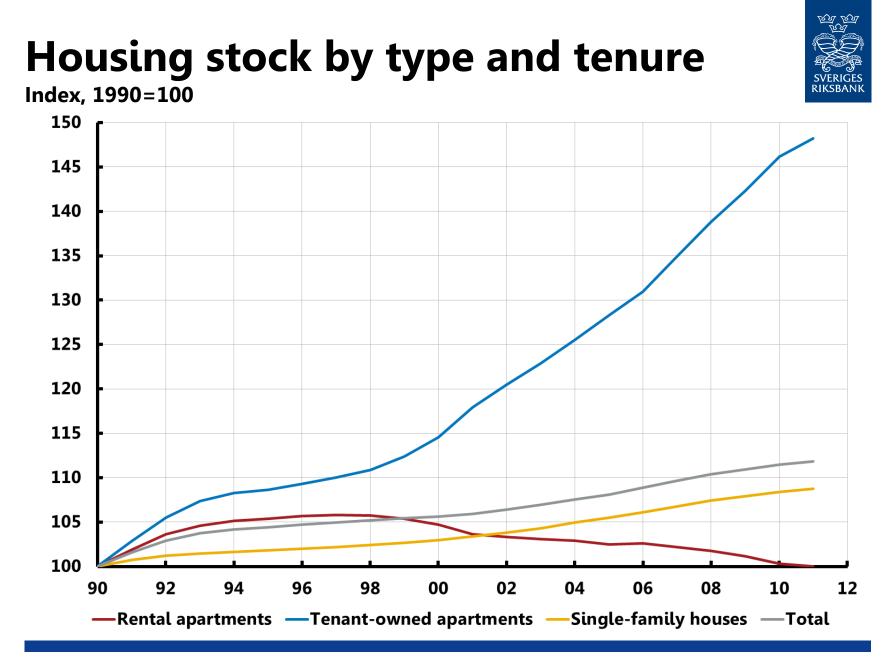


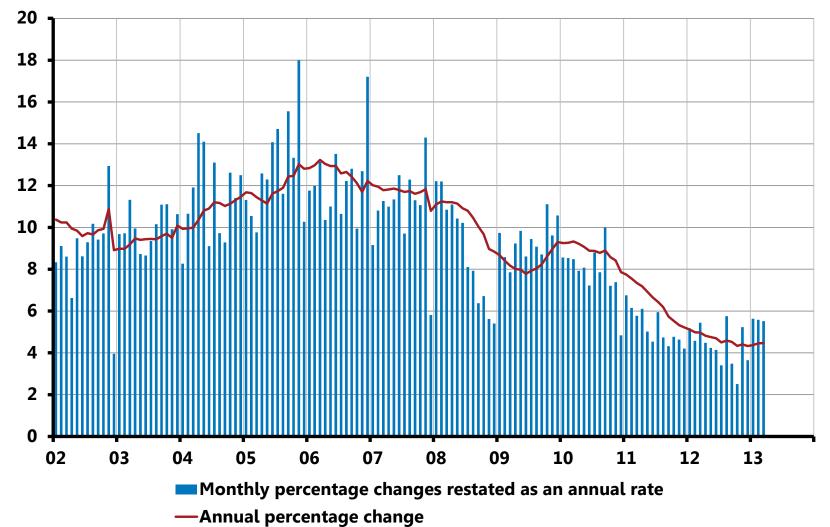
Chart 3:2

Source: Statistics Sweden



# Household debt

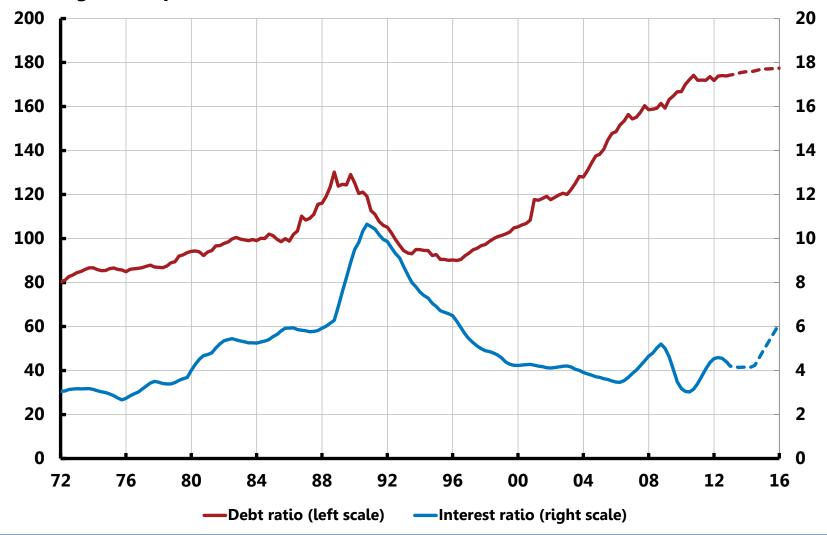
Per cent



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# Household debt and post-tax interest expenditure

#### Percentage of disposable income



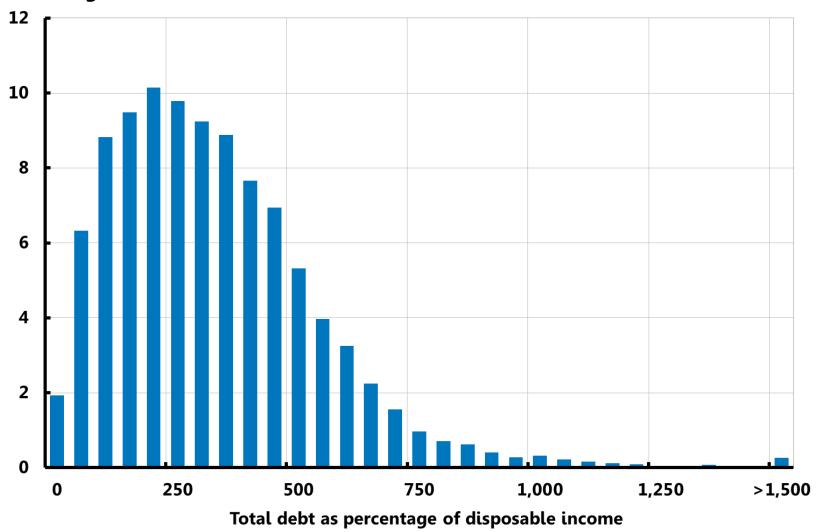
Sources: Statistics Sweden and the Riksbank

Nog Way

# Distribution of debt ratios of new mortgage borrowers, 2012



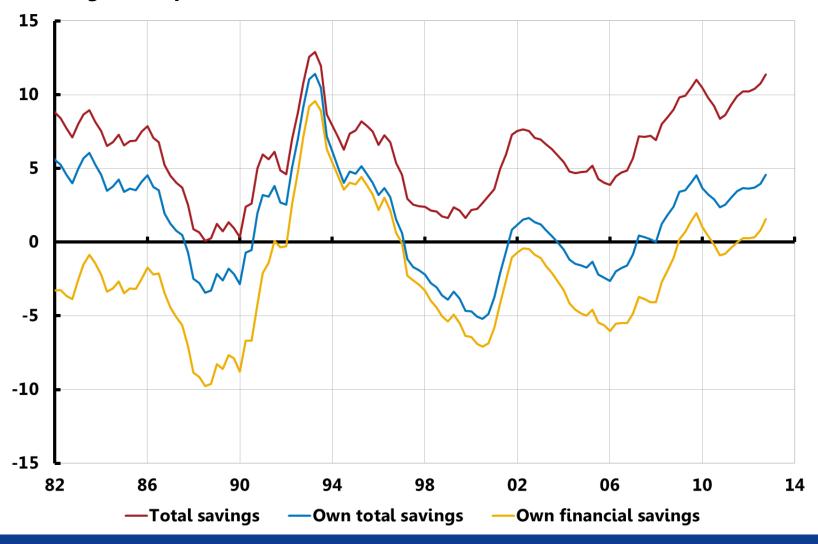
#### Percentage of borrowers



Sources: Finansinspektionen and the Riksbank

# Household savings

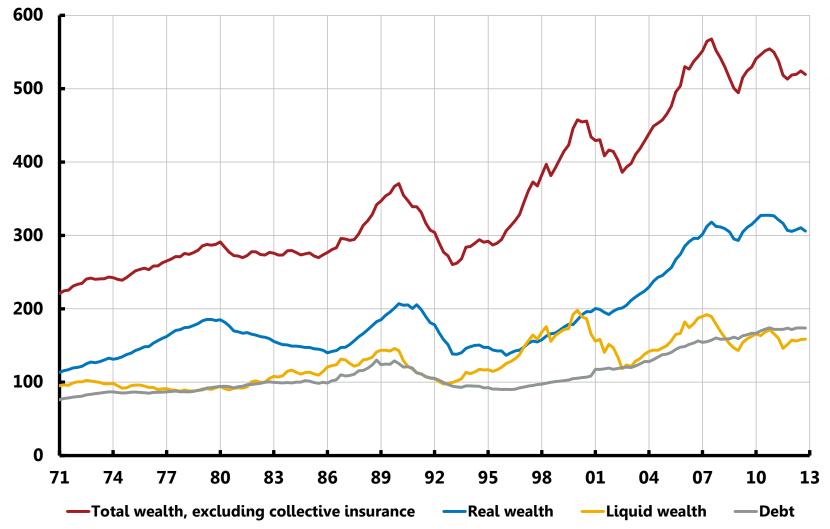
#### Percentage of disposable income





## Household assets and debt

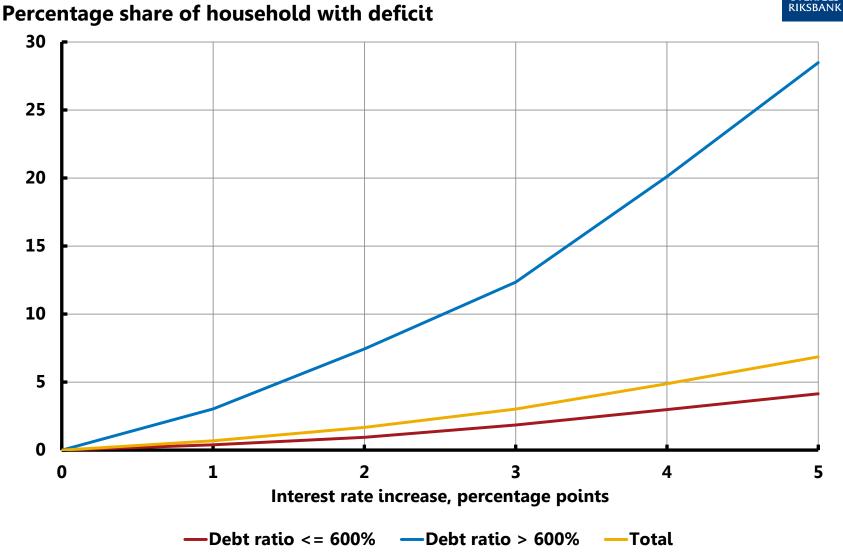






Sources: Statistics Sweden and the Riksbank

### Households with deficit following an increase to the actual interest rate split across debt ratios

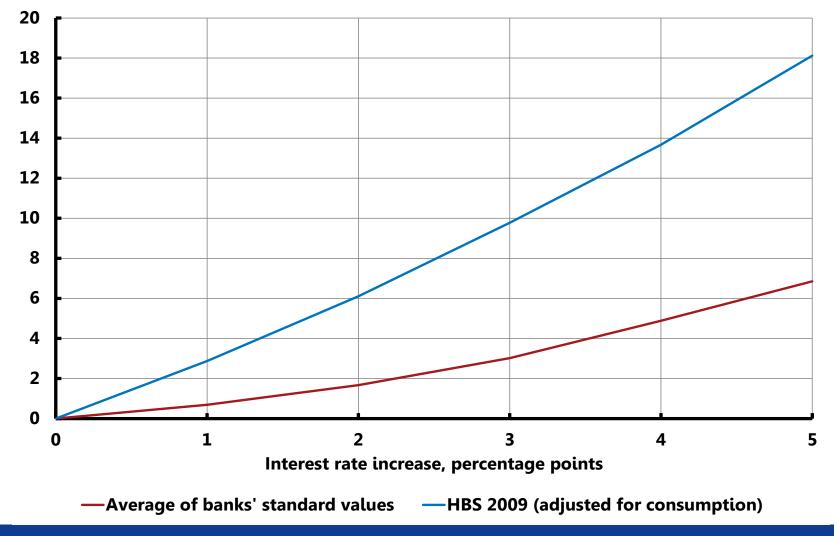


Source: Finansinspektionen

### Households with deficit following an increase to the actual interest rate given different living expenses



Share of households with deficit, per cent



Sources: Finansinspektionen, Statistics Sweden and the Riksbank

### Corporate borrowing from credit institutions and fixed gross investment Annual percentage change



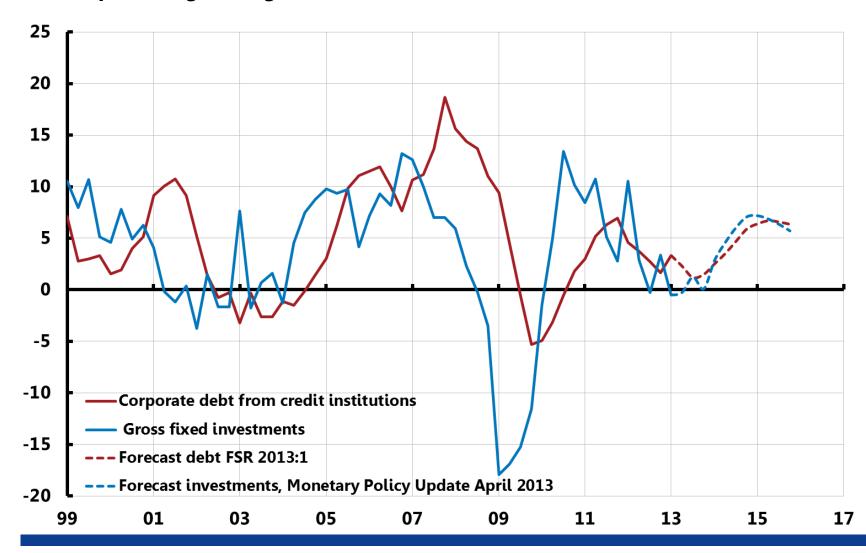


Chart 3:11

Sources: Statistics Sweden and the Riksbank



# **Default rate for Swedish companies**

Per cent

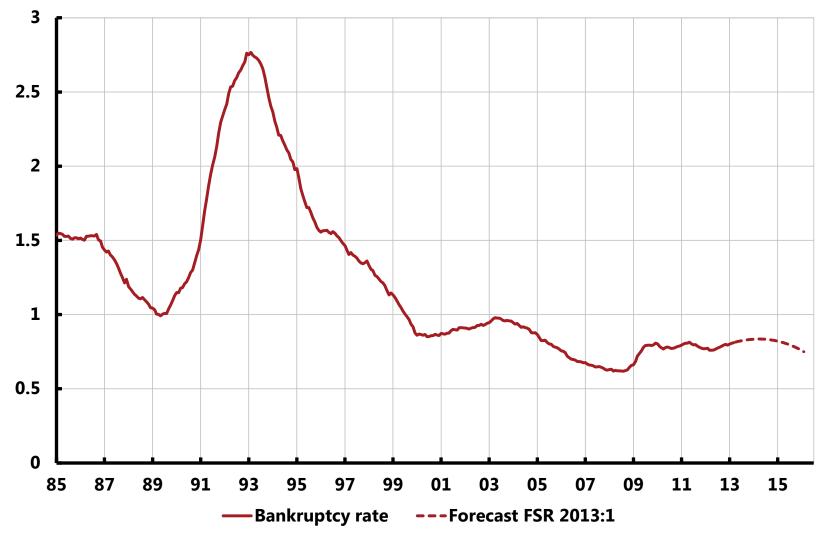
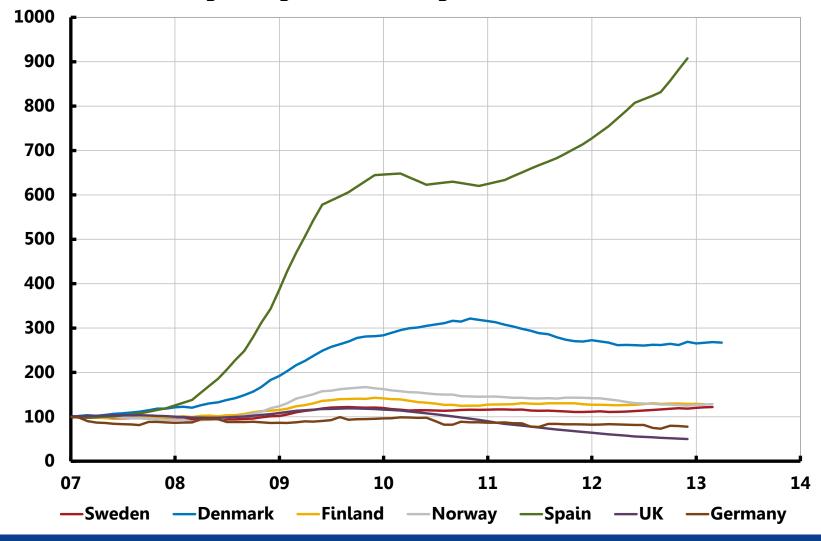


Chart 3:12



## **Corporate defaults**

Twelve-month moving average, index, average 2007=100

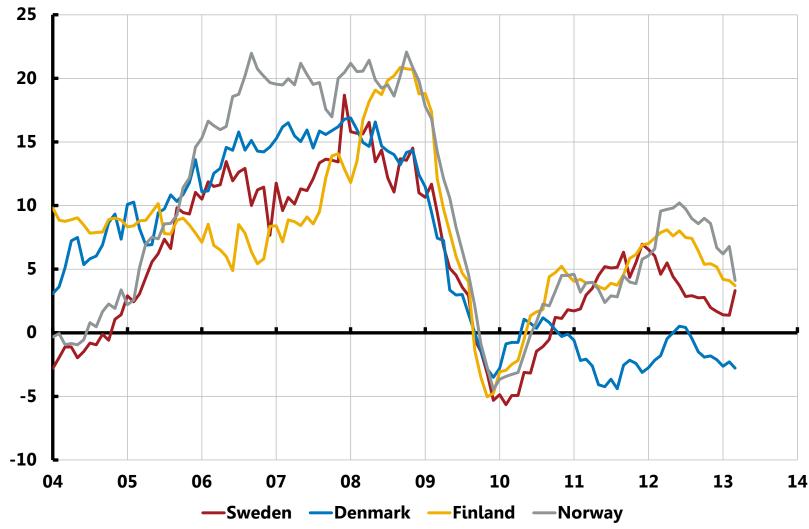


Sources: Reuters EcoWin, Destatis Statistches Bundesamt, and the Riksbank

# **Corporate borrowing**

### SVERIGES RIKSBANK



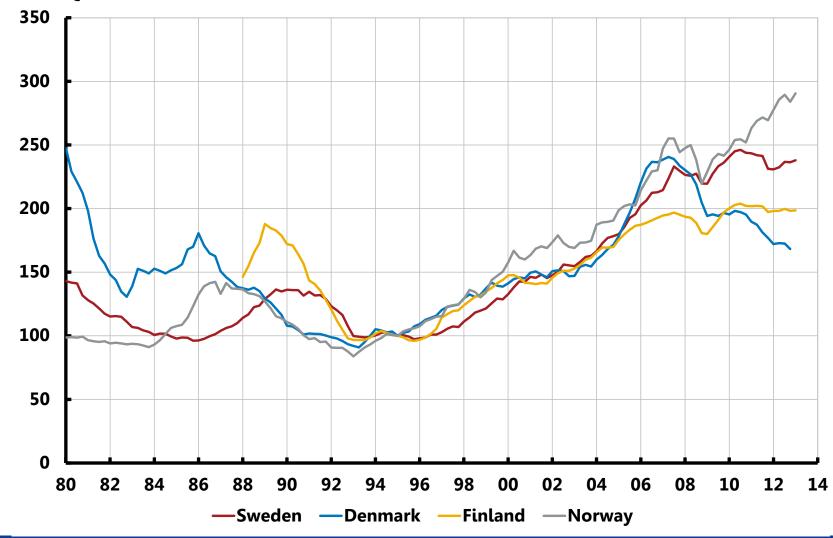


Sources: Reuters EcoWin, Bank of Finland and the Riksbank

### SVERIGES RIKSBANK

## **Real house prices**

Index, Q1 1995 = 100

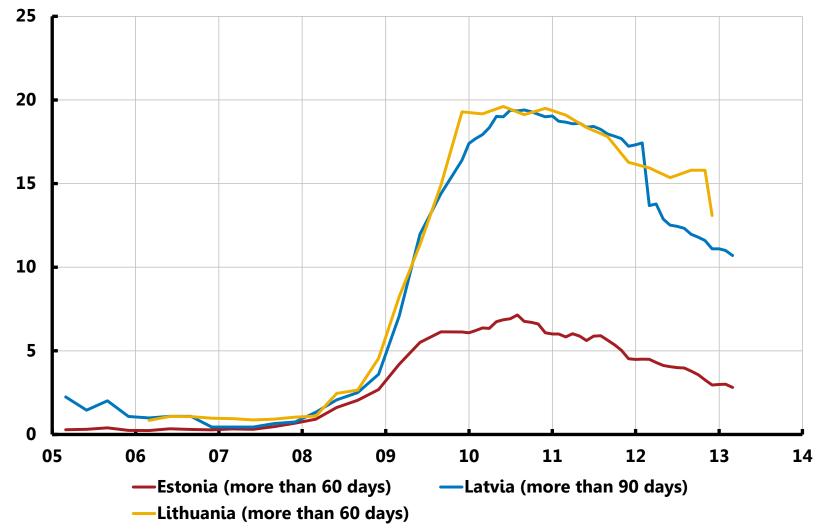


Sources: Reuters EcoWin and the Riksbank



## Late payments

#### Per cent of outstanding loans



Sources: Eesti Pank, Financial and Capital Market Commission and Lietuvos Bankas

## Loan to deposit ratio



Per cent

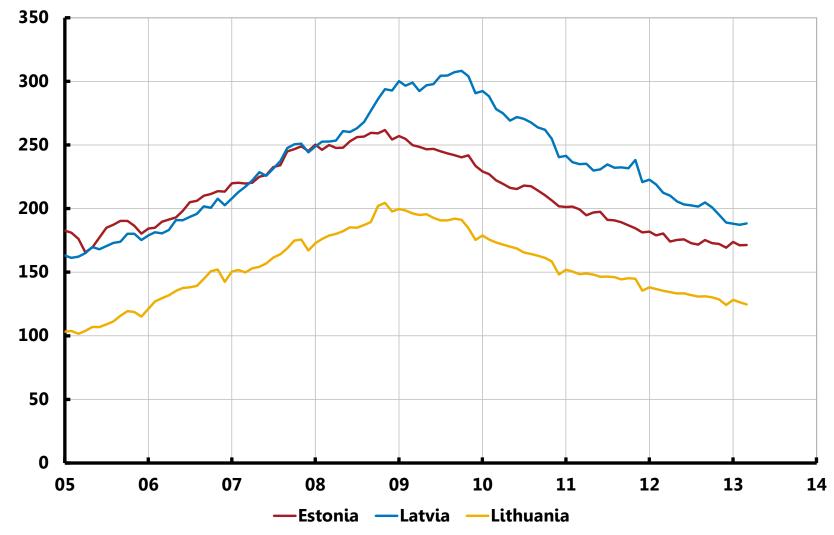


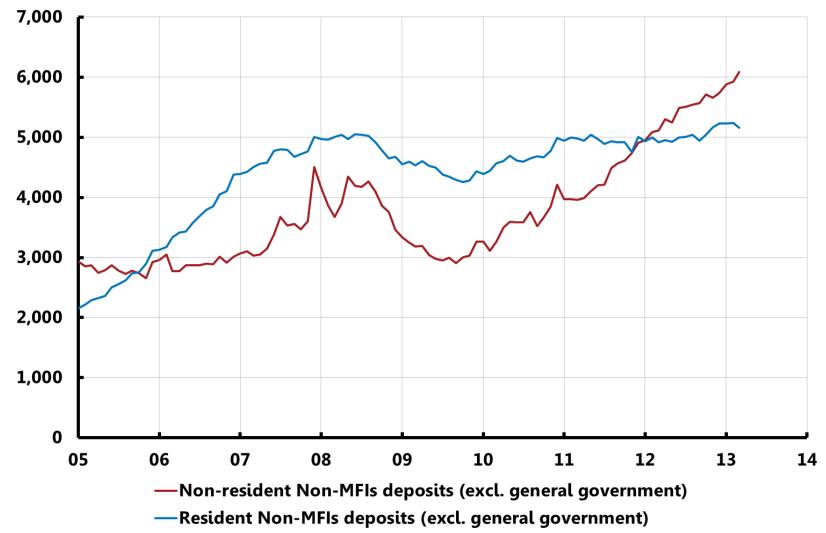
Chart 3:17

Sources: Eesti Pank, Latvijas Banka, Lietuvos Bankas and The Riksbank

# Resident and Non-resident deposits in Latvia



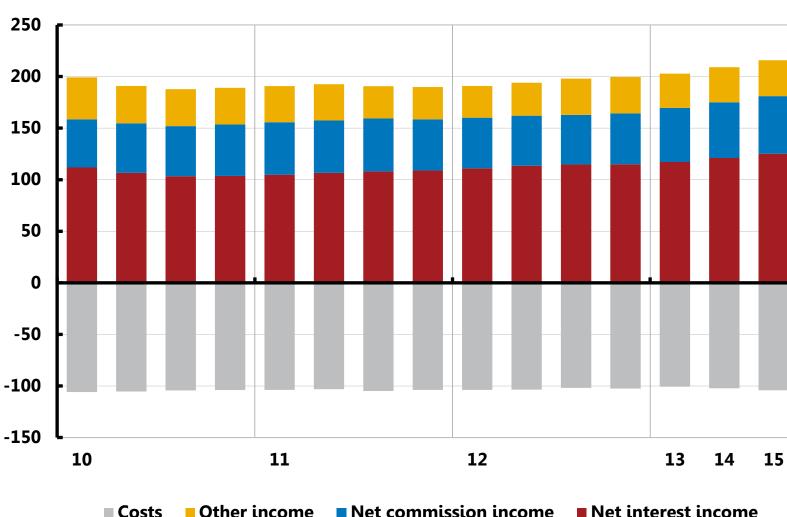
LVL Million





# Chapter 4 Developments in the Swedish banking groups

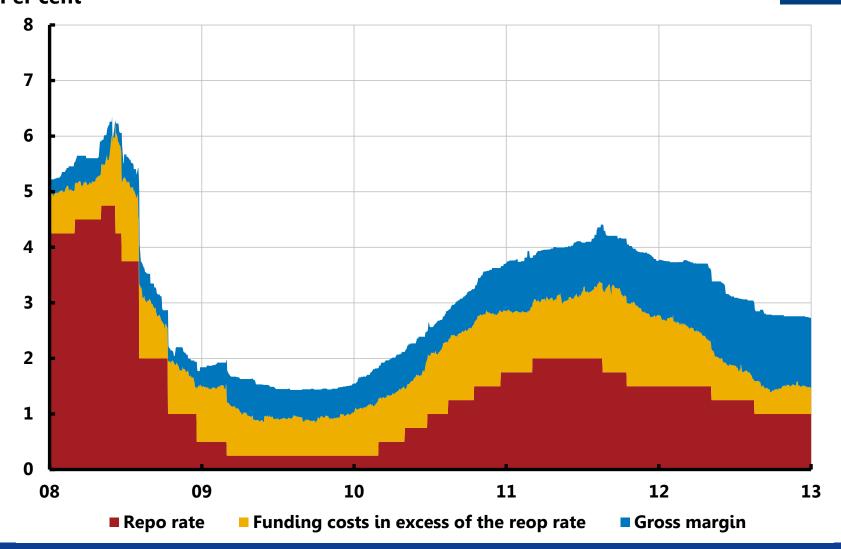
#### The major Swedish banks' income and costs, and forecast according to the Riksbank's main scenario **Rolling four quarters, SEK billion**



Other income Net commission income Net interest income

Sources: Bank reports and the Riksbank

#### Breakdown of interest rates on new mortgages with fixed-interest periods of three months Per cent



Sources: Bank reports, Reuters EcoWin and the Riksbank

# **Return on equity**



Rolling four quarters, per cent

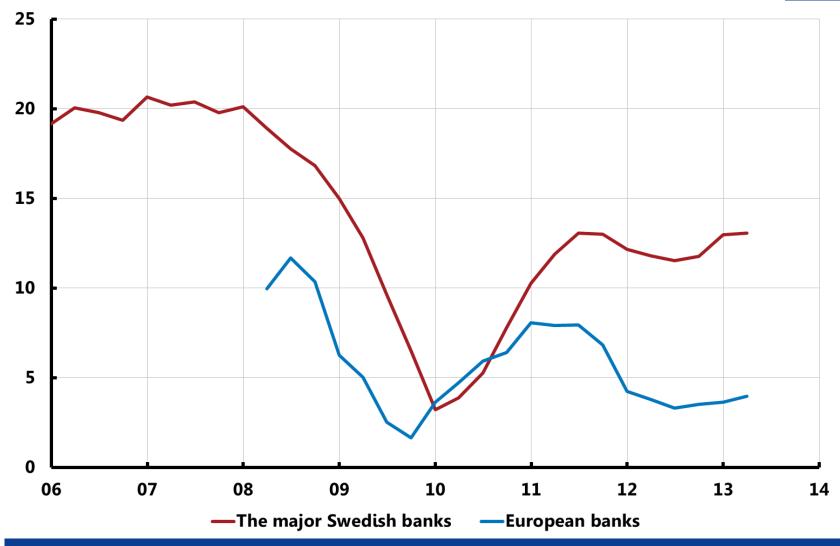
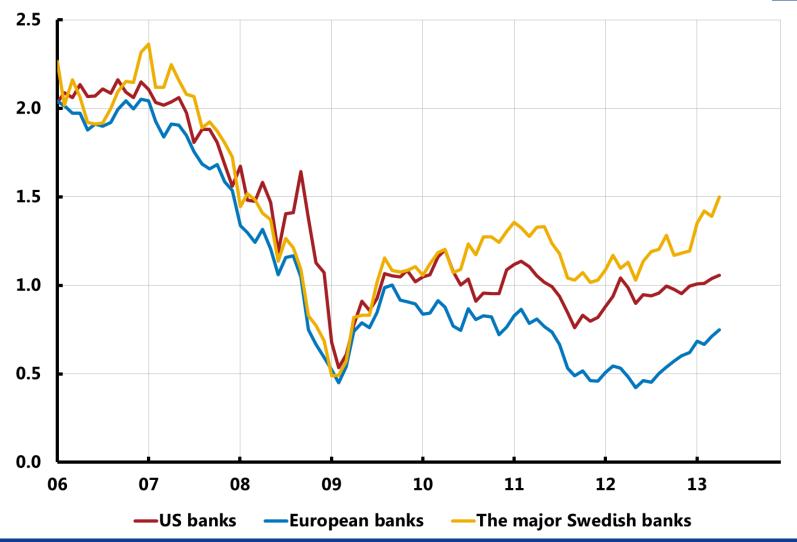


Chart 4:3

Sources: SNL Financial and the Riksbank

## **Price-to-book ratio**

Per cent



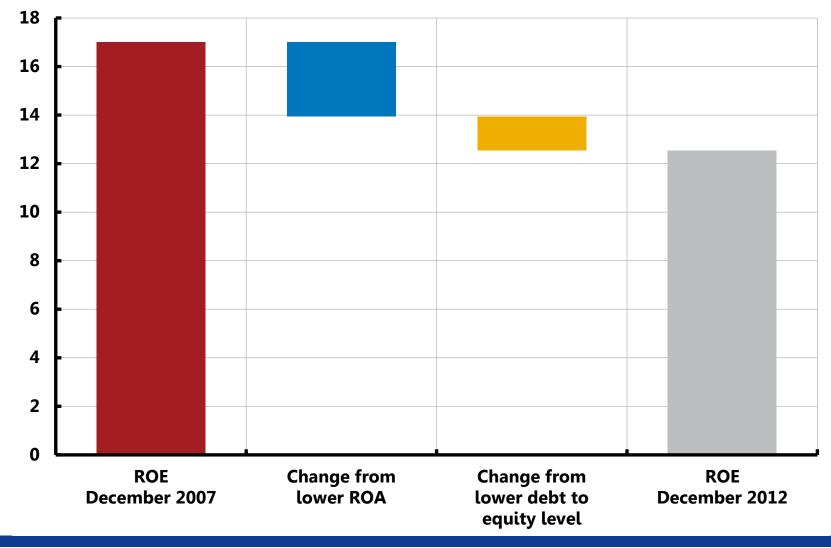


Sources: SNL Financial and the Riksbank

# The major Swedish banks' return on equity, 2007 and 2012



Per cent



# Annual change in the major Swedish banks' lending and forecast according to the Riksbanks' main scenario

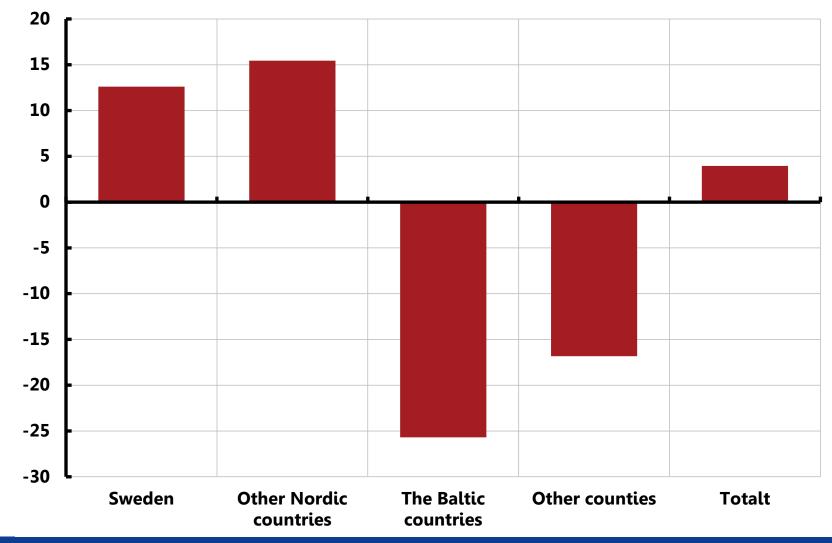


Sources: Bank reports and the Riksbank

# Change in the major Swedish banks' lending volumes between 2009 and 2012





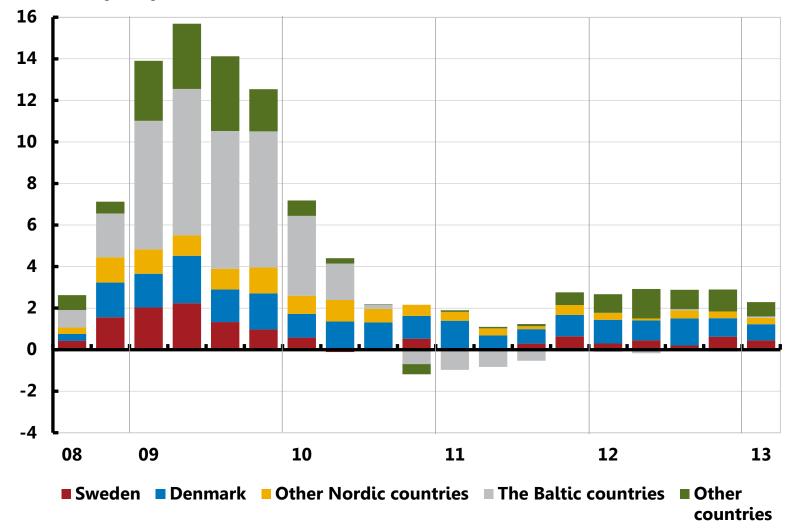


Sources: Bank reports and the Riksbank

# The major Swedish banks' loan losses, geographical distribution

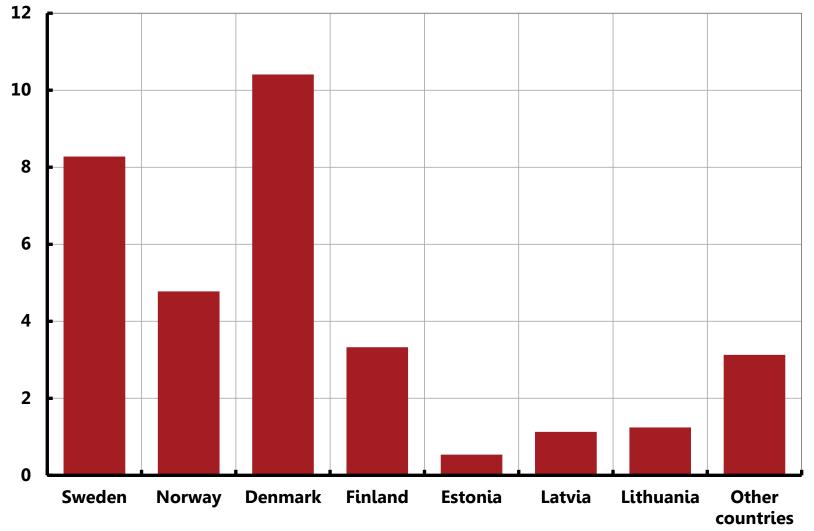


SEK billion per quarter



### Distribution of the major Swedish banks' loan losses in the main scenario

**SEK billion** 



Note. Refers to the period 2013-2015.

Source: The Riksbank

### The lowest Tier 1 capital ratio for one of the major Swedish banks after another major bank has defaulted on payments

Per cent

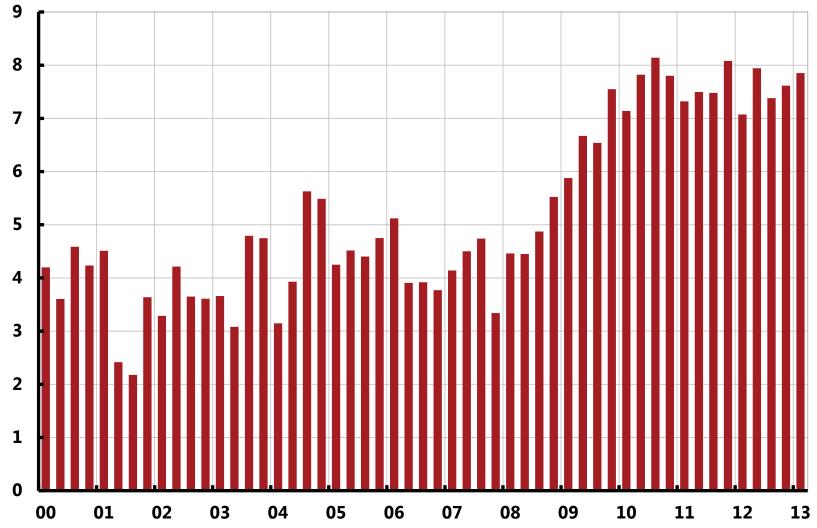


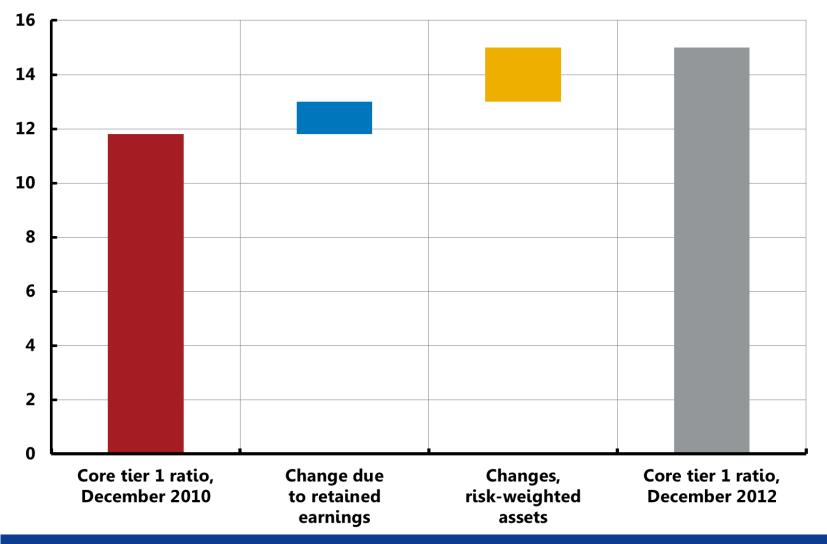
Chart 4:10

Source: The Riksbank

# Change in core Tier 1 ratio for the major Swedish banks



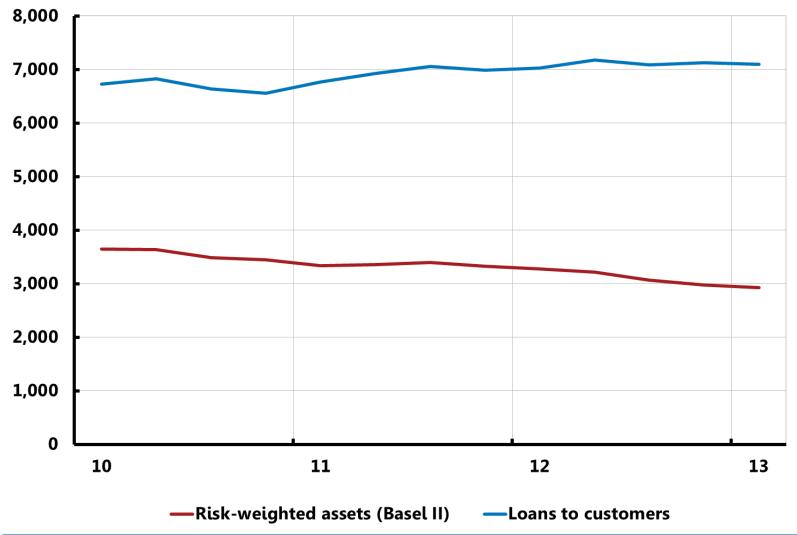
Per cent



# The major Swedish banks' lending and risk weighted assets



SEK billion

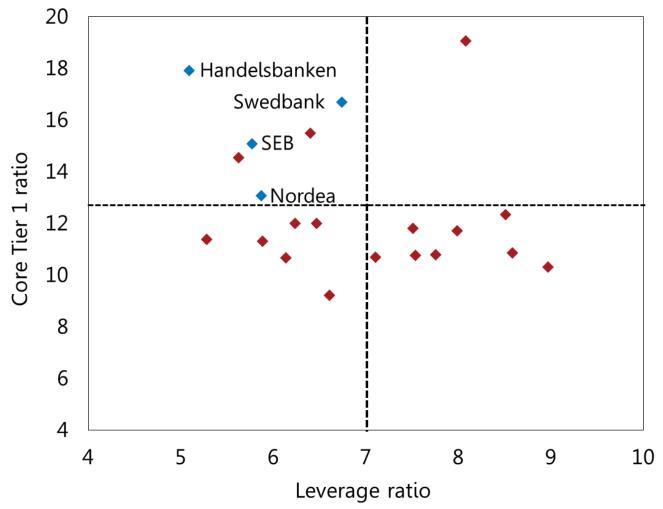


Sources: Bank reports and the Riksbank



#### **Core Tier 1 ratio and leverage ratio**

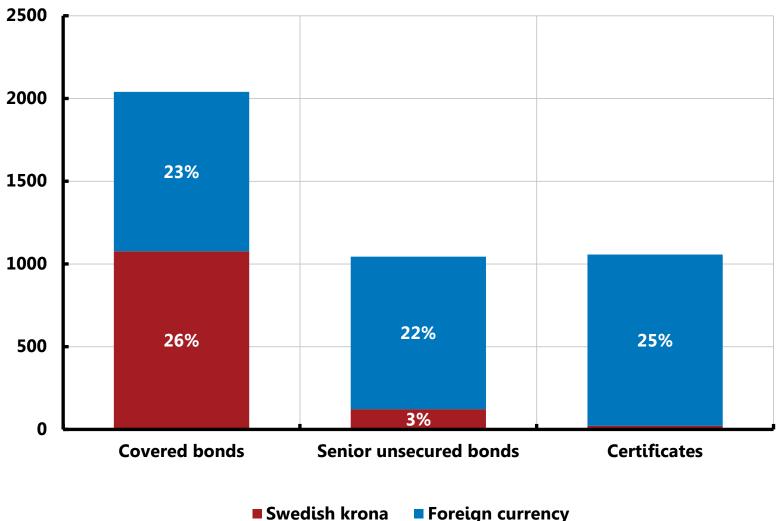
December 2012, per cent



Sources: Liquidatum, SNL Financial and the Riksbank

#### The major Swedish banks' outstanding issued debt

March 2013, SEK billion and percentage of total outstanding debt





## The major Swedish banks' liquidity buffers

**SEK billion** 

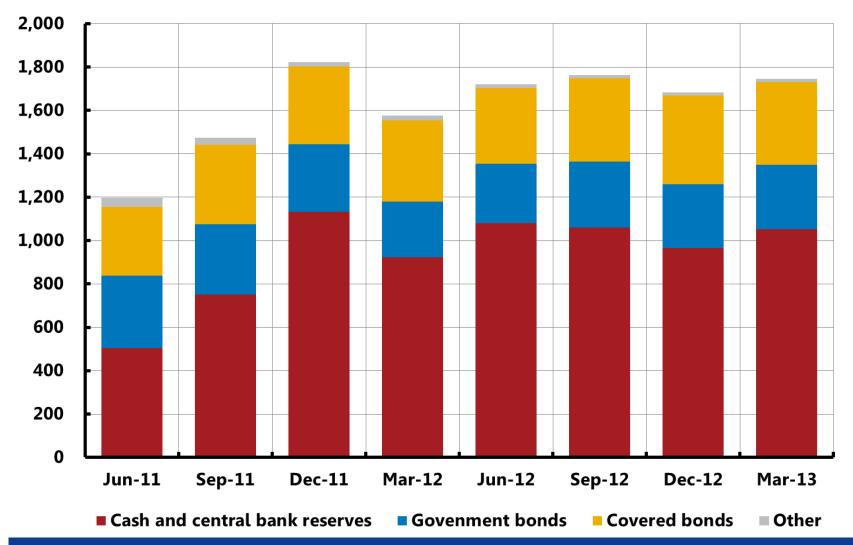


Chart 4:15

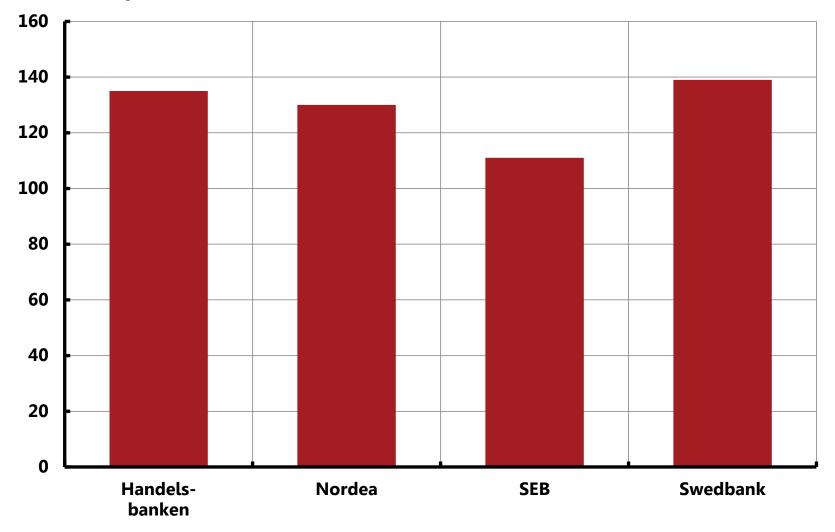
Sources: Bank reports and the Riksbank

229 229

### The major Swedish banks' liquidity coverage ratio (LCR)

SVERIGES RIKSBANK

March 2013, per cent



### The Riksbank's structural liquidity measure



Per cent

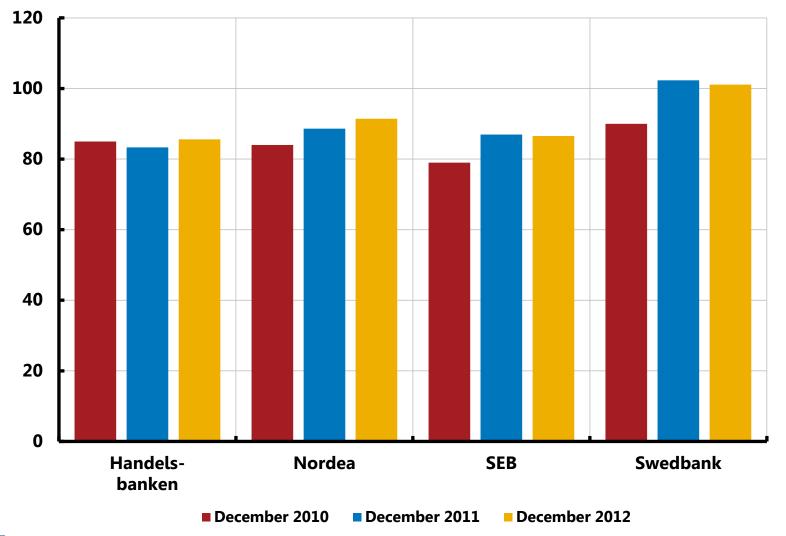
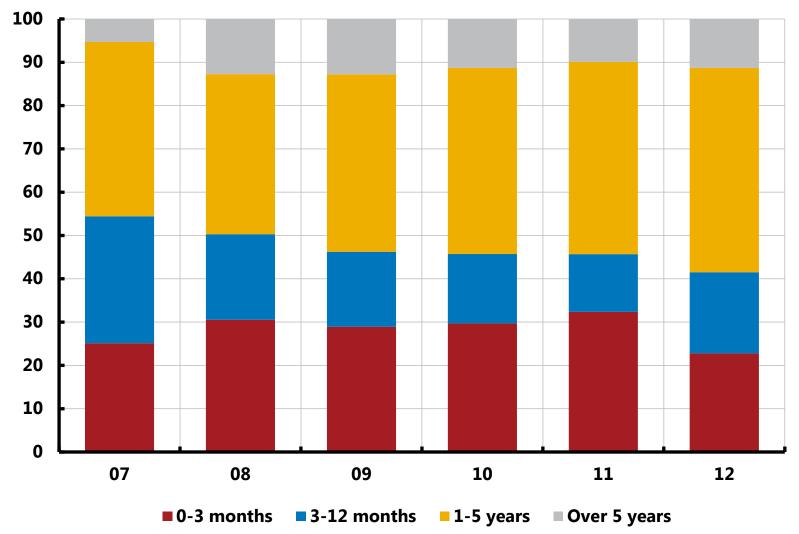


Chart 4:17

Sources: Liquidatum and the Riksbank

#### Maturity distribution on the major Swedish banks' issued debt

Per cent

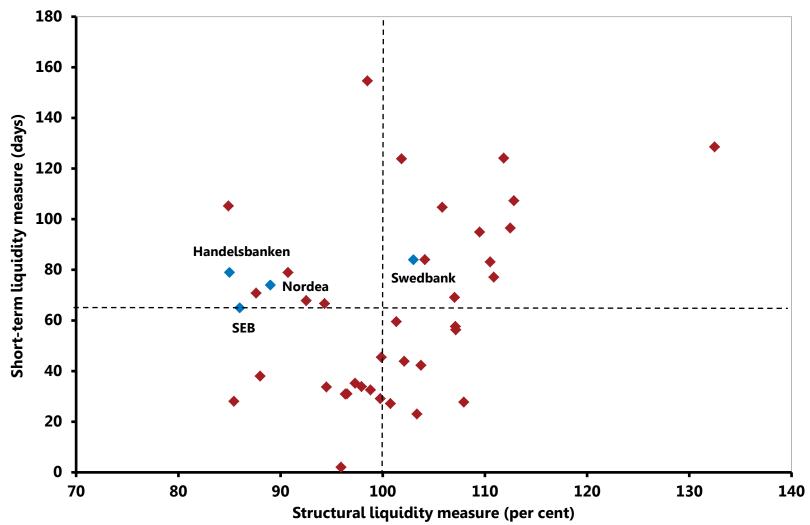


Sources: Liquidatum and the Riksbank

NN NN

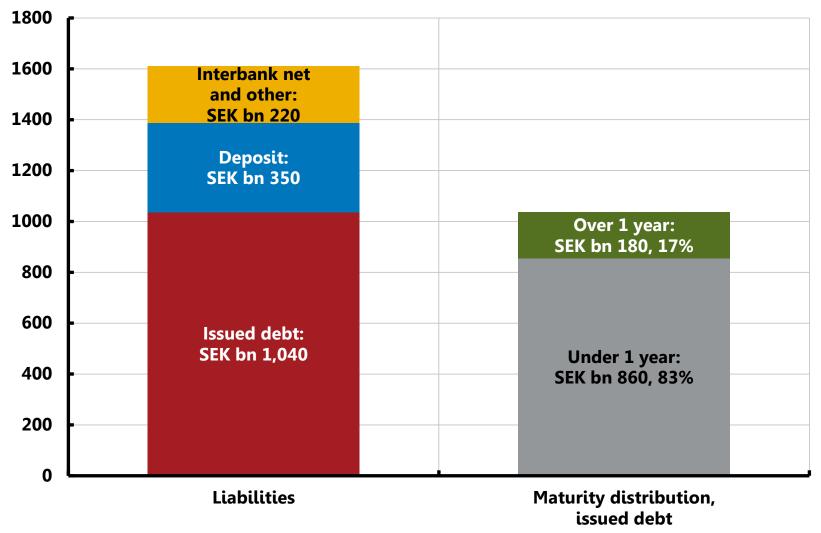
### The Riksbank's short-term and structural liquidity measures

December 2012



### The major Swedish banks' liabilities in US dollar

December 2012, SEK billion



### The major Swedish banks' liquid assets in US dollar

SVERIGES RIKSBANK

December 2012, SEK billion

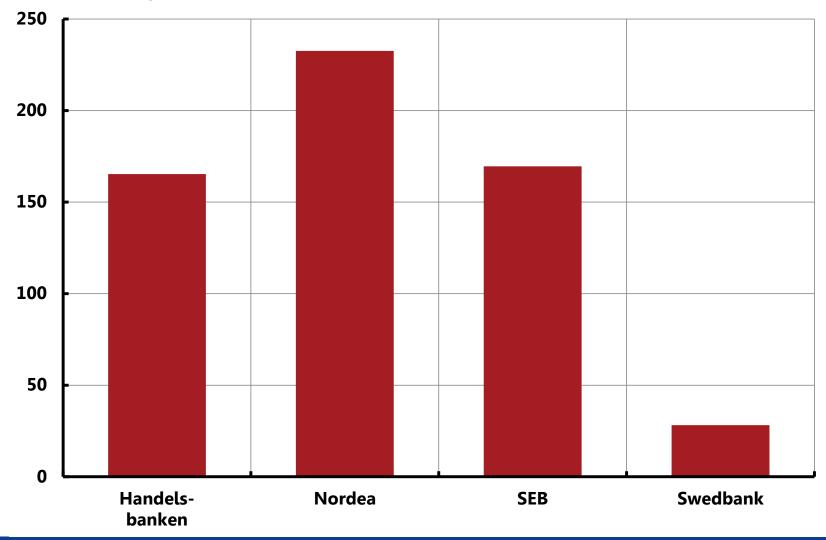
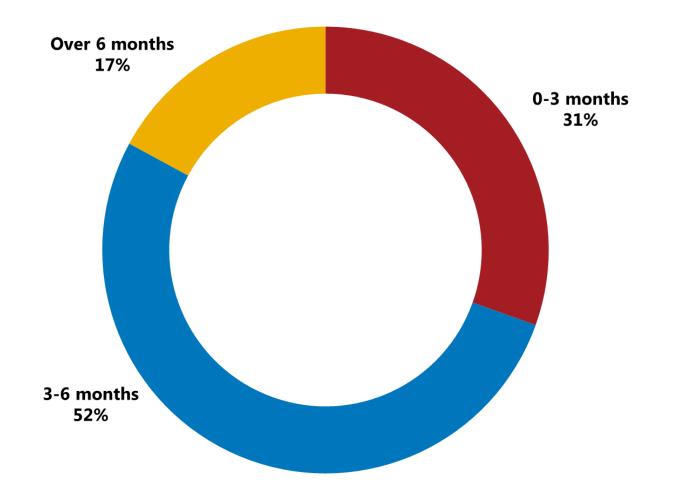


Chart B4:2

# Maturity for the major Swedish banks' issued bank certificates in US dollar



December 2012, per cent



### The major Swedish banks' illiquid assets in US dollar

#### December 2012, SEK billion

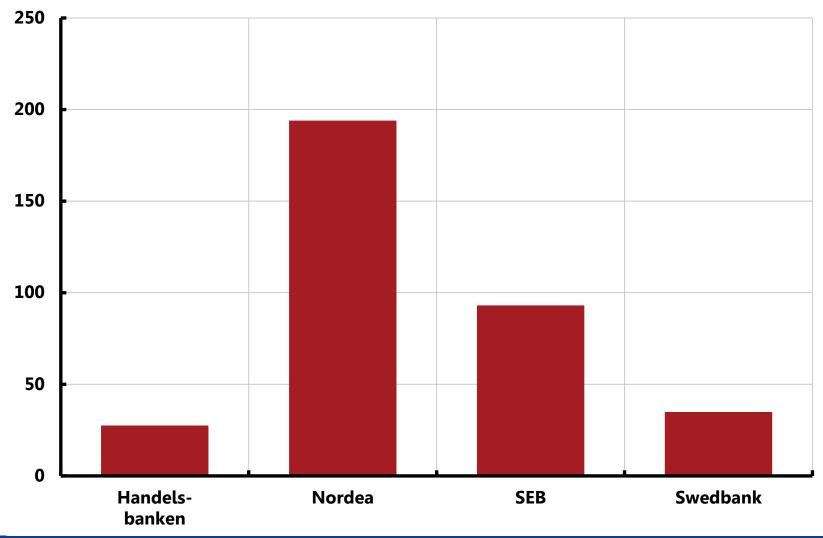


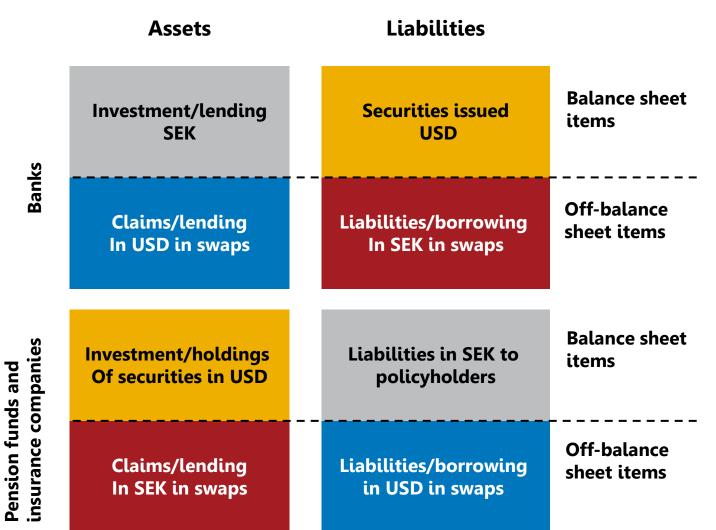
Chart B4:4

Sources: Bank reports and the Riksbank



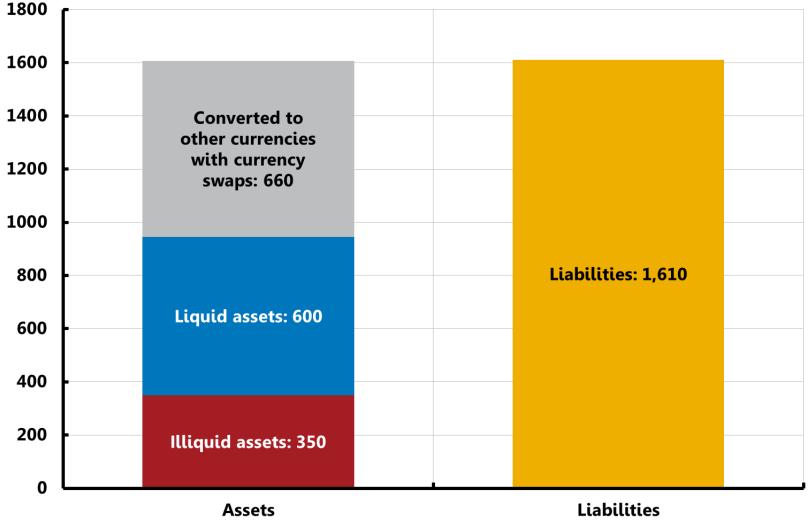
#### Hypothetical balance sheets of banks, pension and insurance companies after a currency swap





### The major Swedish banks' assets and liabilities in US dollar

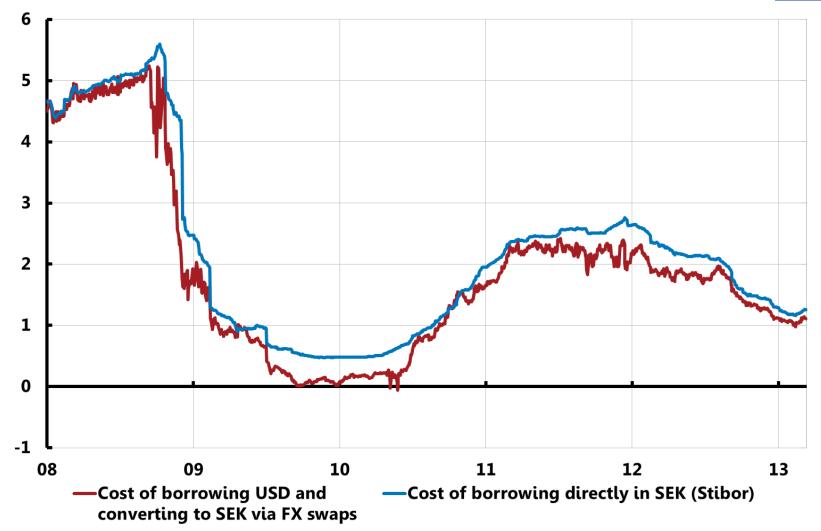
December 2012, SEK billion



SVERIGI RIKSBAN

#### **Cost for SEK funding**

Per cent



Sources: Bloomberg and the Riksbank

#### Flows in connection with the issue of securities in dollars and currency swaps



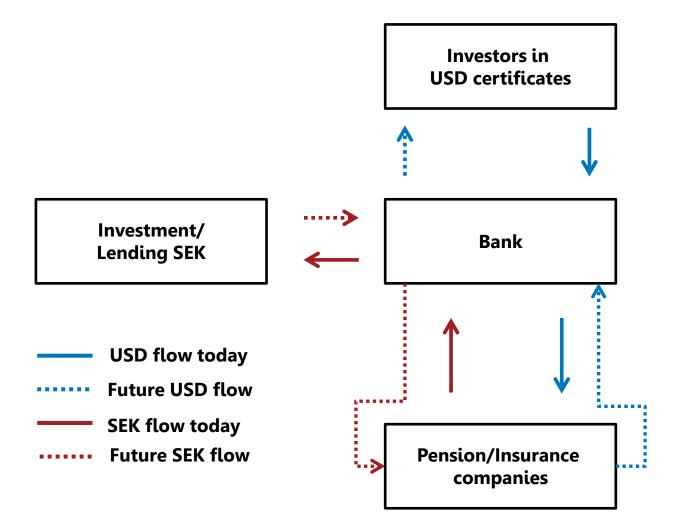


Figure B4:1

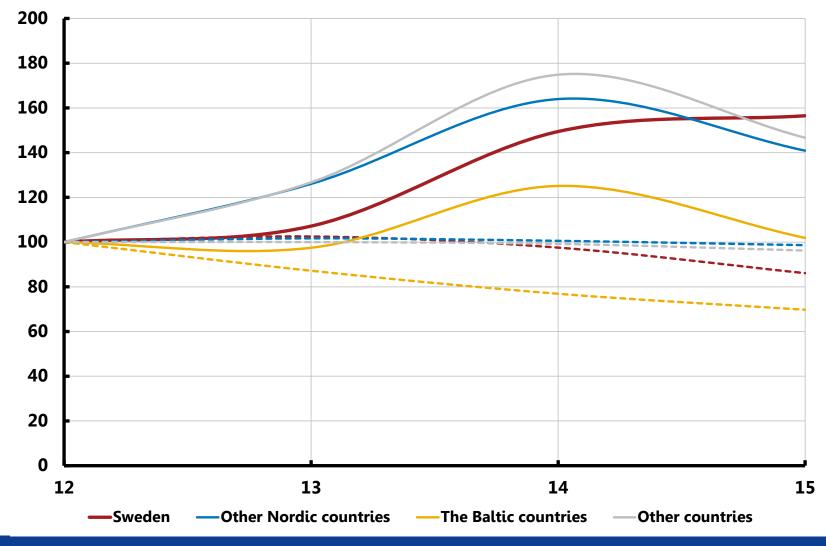


#### Appendix Stress test of the banks' capital ratios

### Unemployment in the stress test and in the main scenario



Index, 2012=100



Source: The Riksbank

#### Profit before loan losses and loan losses in the Swedish major banks, according to the stress test stress test Rolling four quarters, SEK billion, fixed prices, March 2013

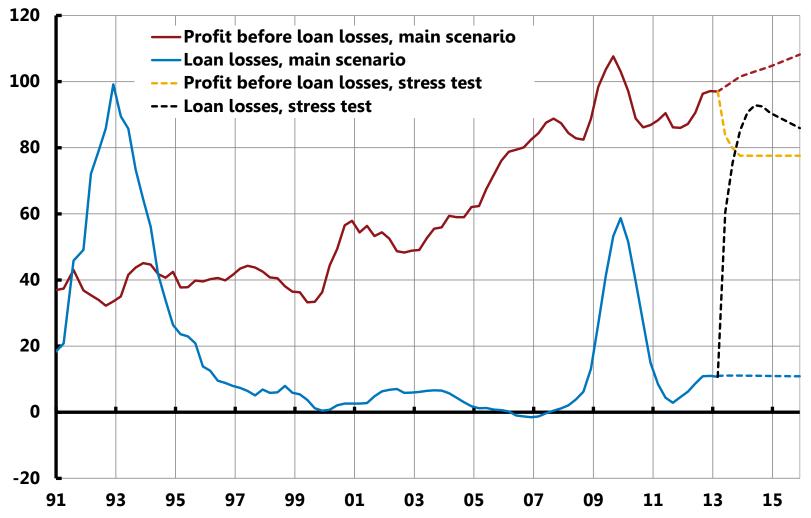
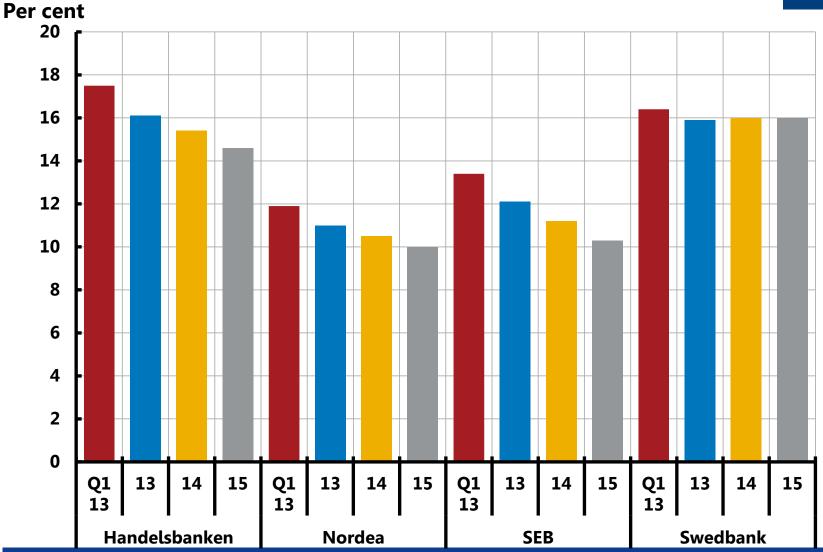


Chart A:2

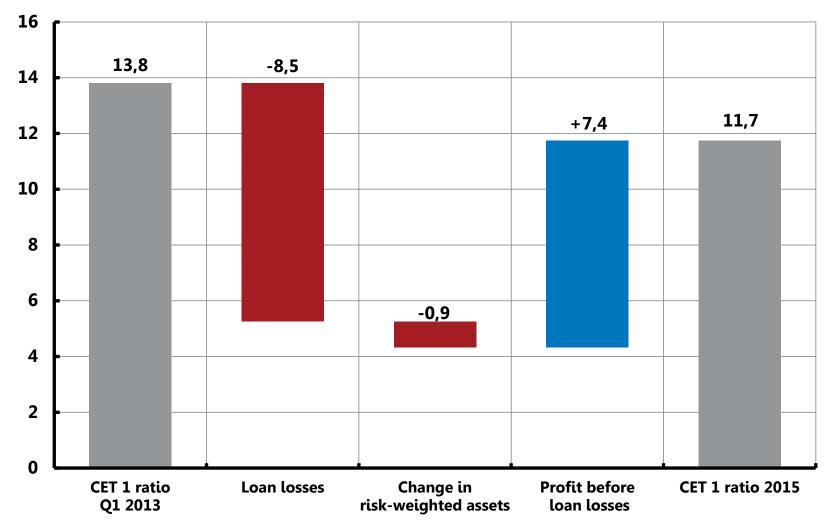
#### CET 1 ratios according to Basel III, initially and in the stress test





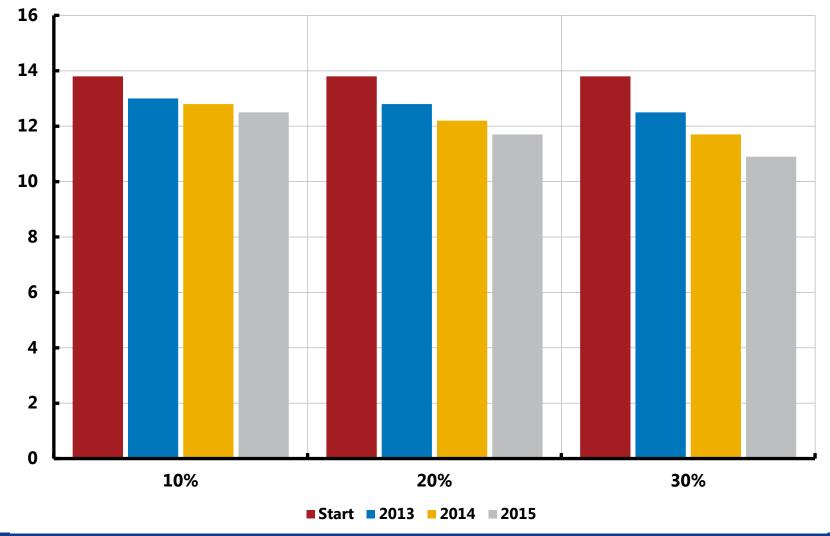
#### Changes in the major Swedish banks' CET 1 ratios in the stress test

Per cent



NA WY

Weighted mean values for the major Swedish banks' CET 1 ratios, initially and in the stress test, given different assumptions about a fall in profit before loan losses Per cent



Sources: Bank reports and the Riksbank

Eres Eres

### The major Swedish banks' loan-loss levels in the stress test



Percentage of total lending

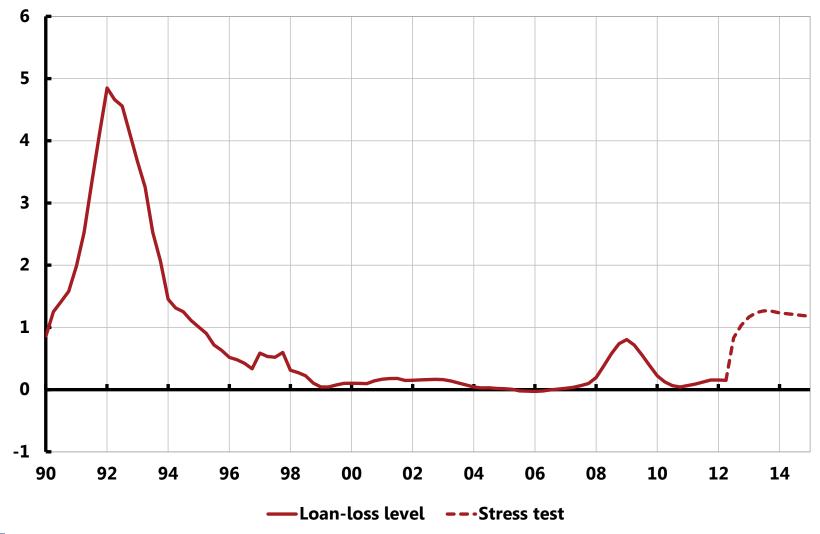
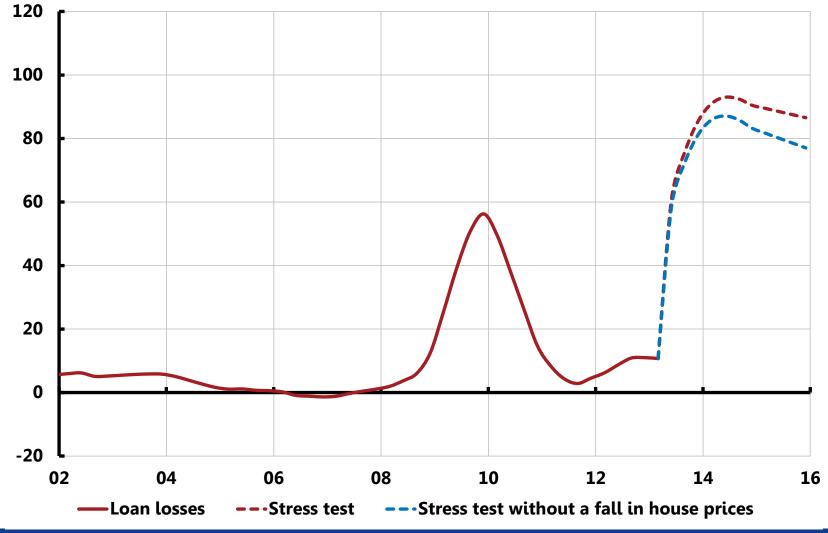


Chart A:6

# The effect of a house price fall of 20 per cent on the banks credit losses



**Rolling four quarters, SEK billion** 



#### The major banks' loan losses in the stress test with an calculated uncertainty band

Rolling four quarters, SEK billion, fixed prices, March 2013

