# Money and credit market

The money and credit markets

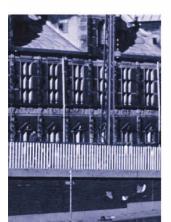
Interest rate and price changes

Securities

Banks and mortgage-credit institutes

Other financial intermediaries

Insurance companies and pension funds







## The money and credit markets

#### Capital transfers from lenders to borrowers

A capital market is a market where financial products are traded, such as shares, bonds and credit. The market makes it possible to transfer capital from persons with a savings surplus to persons with a savings shortage. This allows the individual to time his investments and consumption in relation to his earnings.

#### A smooth payment mechanism

The purpose of the money market is to ensure a smooth payment mechanism so that transactions can be completed against payment without any major costs or difficulty. Thus, the money market concerns the liquidity applied for transfer of payments in connection with financial transactions. There is no clear dividing line between the money market and the capital market.

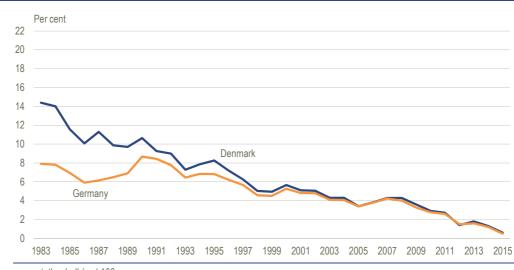
## Interest rate and price changes

#### Increased internationalization

Since the early 1980s, the Danish financial markets have seen a distinct development towards deregulation, internationalization and increasing competition. Danish citizens can make foreign investments or raise loans abroad without major difficulty or costs.

The free movement of capital has together with a fixed exchange rate policy led to equalization of the prices (interest rates) of the financial products between the countries. In 1980, the difference between the Danish and German long-term bond interest rate was 10.6 percentage points. This difference has diminished until the beginning of the 1990's after which the two interest rates have developed in parallel. In 2015 the Danish long-term bond interest rate was 0.6 per cent and the German long-term bond interest rate 0.5 per cent.





www.statbank.dk/mpk100

#### Long-term interest rate reached 21 per cent in 1982

The interest on a financial claim reflects the lender's compensation providing capital. A distinction is made between short-term and long-term interest rates, i.e. the interest rates on short-term and long-term claims. Usually, the banks' three-month CIBOR interest rate is applied as an indicator of the short-term interest rate, while the interest rate on ten-year government bonds often is the indicator of the longterm interest rate.

The short-term interest rate can be affected centrally. The central bank of Denmark (Danmarks Nationalbank) can adjust the volume and price of liquidity in relation to the banks. The interest that the banks receive from or pay to Danmarks Nationalbank influences the interest rates fixed by the banks vis-à-vis their customers.

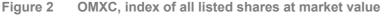
The long-term interest rate reflects market-driven factors, first of all inflation and risk expectations. The longer the term of the claim, the greater influence will these factors have on the fixing of the interest rate. The long-term interest rate will usually be higher than the short-term interest rate.

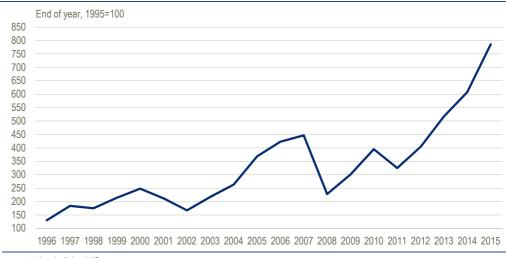
In 1982, the short-term interest rate was as high as 21 per cent per annum, partly because of high inflation expectations.

#### Shares are risky investments

A share is a certificate of ownership of a company. The value of the share depends above all on the expected future earnings of the company. Since future earnings are connected with great uncertainty, investing in shares may lead to both large losses and large gains. In addition to specific expectations of the company in question, the share price also reflects more general expectations of the particular industry and the economy at large.

Minor changes in market information may create substantial fluctuations in the market. The Danish stock market for listed companies is not as large as the bond market. It reflects the Danish corporate structure, which is characterised by many small and medium sized enterprises without the tradition found abroad of entering the stock market to finance their need for capital. In 2015, 147 companies were listed on the Stock Exchange.





www.statbank.dk/mpk13

Various indices are used as indicators of the development in the stock market. The most commonly used are the all-share index OMXC shown above, which shows the market value of all listed shares, and OMXC20 CAP, which is a weighted market value index of the 20 largest and most traded shares.

There has been a trend of increasing prices reflecting the trends in the international markets. However widespread decreases in the stock markets are observable in the Danish indices. The sharp drop in 2008 followed the financial crisis which started in October 2008 and the European Debt crisis has contributed to the latest widespread decrease in the markets. Since 2012 the stock markets worldwide has regained the losses from the latest crises.

## **Securities**

#### Danish mortgage bonds are internationally unique

Bonds are liquid, standardized debt instruments with low risk and a fixed repayment profile. Before the introduction of the euro, the Danish bond market was among the largest in Europe<sup>1</sup>. The market is dominated by government bonds and mortgage bonds. Mortgage bonds are secured by real property and have long maturity (up to 30 years). The Danish mortgage bonds are unique to the Danish market in terms of their role in relation to home financing.

In addition to the security in real property, the relatively high degree of security relates to the terms and conditions associated with the loan assessment by the mortgage credit institutes concerning lending limits, maturity and accumulation of reserve funds. At the end of 2015, about 23 per cent of the total bond volume was owned by foreign investors. In recent years, foreign investors have shown an increasing interest in mortgage bonds. Thus, 21 per cent of mortgage bonds were held by foreigners at the end of 2015 compared to about 5 per cent in 1996.

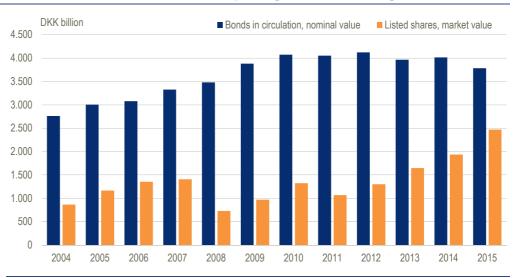


Figure 3 Shares and bonds traded on the Copenhagen Stock Exchange

www.statbank.dk/dnvpdks

<sup>&</sup>lt;sup>1</sup> Following the introduction of the euro on 1 January 1999, the euro markets are no longer divided into regions, but constitute a single market.

## Banks and mortgage-credit institutes

#### The Central Bank purchased foreign currency to keep the krone rate stable

The rate of the Danish krone depends on the supply and demand for foreign currencies. The demand for foreign currency increases at import payments and capital exports (e.g. when Danes purchase foreign securities or make investments abroad). Conversely, export payments and capital imports will increase the demand for Danish kroner. An increased demand for foreign currency will force the exchange rate upwards and the rate of Danish kroner will decrease.

Danmarks Nationalbank trades in the foreign exchange market with a view to stabilize the krone rate through purchases and sales of foreign currency against Danish kroner. Thus, the primary purpose of foreign exchange reserves is to enable Danmarks Nationalbank to use intervention as a tool to maintain a stable exchange rate between the krone and the euro. Purchases of Danish kroner thus tend to strengthen the krone rate, while sales of Danish kroner, i.e. purchases of foreign currency, tend to weaken the krone rate.

The volume of the Danish foreign exchange reserves has increased substantially since the early 1990s to 2003. This indicates that in the past decade Danmarks Nationalbank has made more purchases than sales of foreign currency in net terms to keep the krone rate down. In the period 2003 - 2008 the volume of the foreign exchange reserves decreased.

#### Marked increase in foreign exchange reserves in recent years

In the latest period the volume has increased, because of the difference in interest rates between Denmark and especially the Euro-area. As the interest rates have fallen in general, even small differences have made it attractive for foreign investors to invest in Danish securities. This has increased the demand for Danish kroner. The Central Bank has purchased foreign currency in order to stabilize the exchange rate.





www.statbank.dk/dnivl

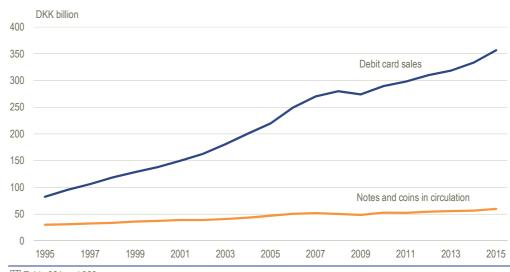
#### **Denmark participating in ERM II**

Since 1 January 1999, Denmark has participated in an exchange-rate co-operation with the European Central Bank (ECB) for the EU member states, which do not participate in the European Monetary Union. In the agreement called ERM II (Exchange Rate Mechanism II) Denmark is accompanied by Lithuania. The purpose of ERM II is to retain the exchange rates within the agreed fluctuation band on +/- 15 per cent in relation to the central rate. Denmark has a narrower fluctuation band on +/- 2.25 per cent in relation to the central rate. In case of extraordinary pressure on the krone, in addition to selling some of its foreign exchange reserve Denmark may draw on an intervention credit/euro account with the ECB. Thus, the ERM contributes to stabilizing the krone rate in relation to the European currencies and the euro, but not in relation to other major currencies such as the US-dollar or the yen.

#### Money as a means of payment

Today, the function of money as a means of payment is based exclusively on trust. If a seller is to accept money as payment for his product, he must be able to trust that others will also accept money as the means of payment. In case of high inflation, the value of money as a means of payment will drop.

#### Figure 5 Dankort (debit card) sales and notes and coins in circulation



III Table 321 and 323

Until 1931, the value of notes and coins could be converted into gold at Danmarks Nationalbank. Although the gold convertibility was subsequently abolished, the gold standard existed formally until 1971. This implied that Danmarks Nationalbank had a duty to maintain gold reserves corresponding to the value of notes and coins in circulation. Today, money is still claims against Danmarks Nationalbank, but these claims are no longer covered by the gold reserves of Danmarks Nationalbank.

#### Difficult to estimate the money stock

It is increasingly difficult to estimate the amount of liquidity available in the Danish society. Because of the use of Dankort (debit card), various types of accounts related to the Dankort have become just as liquid as notes and coins. At the same time, certain credit facilities may be connected to the Dankort, just as foreign banks may provide credit facilities to Danish citizens. Because of Denmark's position as a small, open economy with free capital movements, the role of the money stock as a mone-tary policy target figure is no longer as important as before.

#### Banking, mortgage lending and insurance activities still separate

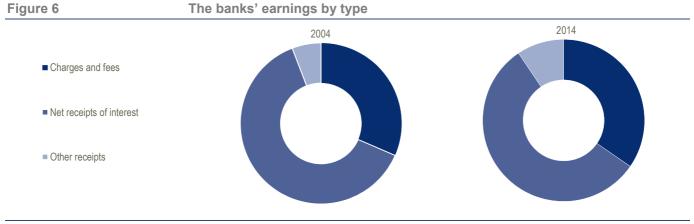
Since the early 1980s, the business areas in the financial sector have overlapped. Today, banks offer their customers pension schemes that are very similar to the schemes offered by life insurance companies. However, it is still prohibited to carry on banking, mortgage lending and insurance activities in one and the same company.

New legislation made it possible to set up holding companies and intercompany ownership among the financial companies. This implies that a mortgage credit institute may own a bank and vice versa. As a result, the capital market has seen a number of mergers and group formations

#### Few large and many small banks

The banking sector handles functions in connection with payment and credit transfers, securities trading and related services. Despite the mergers among the major banks in recent years, a large number of small banks remain. At the end of 2014, 84 banks were registered, of which the two largest account for 71 per cent of the balance sheet total in the sector.

The lending activity in the banking sector is often in focus because it is highly sensitive to market fluctuations and may be seen as an indicator of growth in for example consumption and investing activities. The interest margin, i.e. the difference between lending and deposit interest rates, also attracts attention. However, a significant proportion of the banks' earnings derive from charges and fees.



www.statbank.dk/mpk39

#### Lending activity of mortgage credit institutes depends on interest changes

In Denmark, only mortgage credit institutes may carry on mortgage credit activities. Mortgage credit activities mean lending against registered security in real property based on the issue of mortgage bonds. Presently, there are seven players in the market. The lending activity is primarily influenced by the development in interest rates. Upward or downward fluctuations will trigger waves of remortgaging, where borrowers seek to convert their loans to obtain more favourable terms.

## Other financial intermediaries

#### **Consumer credit**

In addition to banks and mortgage credit institutes, credit is offered to Danish consumers by finance companies. There was a sharp increase in total consumer credit until the beginning of the global financial crisis in 2008. Over a 5-year period consumer credit increased by 50 per cent from DKK 14 billion by the end of 2003 to DKK 21 billion by the end of 2008.

The increase was primarily boosted by the Danes' use of blank credit, which is an unsecured personal loan. The use of blank credit has been steadily falling since the global financial crisis. In the period from 2011 to 2013 the total consumer credit has increased again. This is mainly due to increased withdrawals from retailer credit cards and account cards, which cover all types of lending to which a secured or unsecured retailer credit card or account card is attached. In 2014 and 2015 the total consumer credit decreased. A large part of the drop is due to changes in the number of companies in the sector for non-bank consumer credit companies.

Billion 22 20 Total 18 16 14 12 10 Rlank credit 8 6 Balance on credit card and accounts Secured credit 2 0 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015

#### Figure 7 Consumer credit, end of year

www.statbank.dk/mpk30

#### Vigorous expansion in investment associations

An investment association is an association that invests the funds received as contributions from its members. The members are often small savers, but may also be life insurance companies, pension funds and foundations. The advantages of acting jointly are lower administrative costs and enhanced possibilities for risk diversification. The investment associations have expanded vigorously over the past few years. The balance sheet total has increased from DKK 290 billion at the end of 2002 to DKK 772 billion at the end of 2014.

## Insurance companies and pension funds

## Increasing share of personal savings with insurance companies and pension funds

Distinction is made between non-life insurance and life and pension insurance. The different types of insurance may not be offered by the same company, but may be connected through inter-company ownership. Particularly the life and pension insurance business has increased in recent years.

Due to the development of labour market pension schemes and various forms of tax privileges in connection with pension contributions, an ever-increasing share of personal savings are managed by the pension funds and life insurance companies, which have thereby become important players in the financial markets.

Table 304 C	Owners of quoted shares and unit trust certificates. 2015					
Share prices. end of year	Non-financial corporations			Financial	Foreigns	Total
Owners <sup>1</sup>	Manufacturing. etc.	Transport. postal services and telecommu- nications	Other corporations	corporations	corporations	
			DKK b	illion ———		
Total	1 092.5		903.3	1 588.0	55.3	3 751.0
Non-financial corporations Financial corporations	159.6 46.8	12.1 15.2	222.6 88.4	166.2 235.3	3.2 21.9	563.8 407.6
Insurance and pension funds corporations General government	11.1 0.2	3.5 0.0	25.7 11.8	452.4 23.9	6.1 1.0	498.8 37.0
Households <sup>2</sup>	149.6 3.3	10.6 0.5	111.2 5.5	489.9 25.4	17.0 0.9	778.4 35.6
Non-profit institutions serving households Abroad Sector unknown	5.5 722.0 0.0	0.5 69.9 0.0	5.5 438.0 0.0	25.4 194.4 0.4	0.9 4.5 0.3	1 428.8 0.7

<sup>1</sup> Owners are defined as account holders with the Danish Securities Centre. <sup>2</sup> Households consists of privately owned enterprises, employees, pensioners etc.

Source: Danmarks Nationalbank

www.statbank.dk/dnvpdks

Table 305	Share index		
OMXC-index		2014	2015
End of the year		end of 1995 =100	
Total		608	786
Energy		35	74
Materials		1 619	227
Manufactoring		425	411
Discretionary		80	117
Consumer goods		177	201
Health Care		2 106	3 113
Finance		459	499
ICT		627	1 297
Telecommunication		153	111
Utilities		135	122

Source: Copenhagen Stock Exchange

www.statbank.dk/dnvpdks

#### Table 306 Quoted bonds in circulation by holder sector. 2015 Nominal value at the end of the year Central government Bonds issued by Other quoted bonds<sup>2</sup> Total bonds, etc. mortgage banks etc. DKK mio. Total 620 022 2 995 503 167 911 3 783 436 3 867 110 779 11 601 126 247 Non-financial corporations **Financial corporations** 92 406 1 499 895 81 386 1 673 687 35 771 46 652 Monetary financial institutions 990 752 1 073 175 Other financial institutions 56 635 509 144 34 734 600 513 245 066 29 469 Insurance and pension funds corporations 641 191 915 726 8 4 5 6 General government 62 241 65 063 135 760 Central government 62 7 36 22 5 19 2 6 5 7 87 912 Local government -506 41 645 5 752 46 891 Social security funds 8 870 32 910 40 311 52 473 Households 1 4 5 1 10 711 Non-profit institutions serving households 400 17 524 906 18 830 Sector unknown 66 99 5 170 860 543 Abroad 214 524 620 642 25 377

<sup>1</sup> Bonds issued by mortgage banks and bonds issued by other institutions that issue bonds. <sup>2</sup> Local

government bonds, bonds issued by the Ship Credit Fund of Denmark, debentures, foreign bonds and CMO bonds.

Table 307 Financial sector, main figures 2014 2013 Balance Companies Employees Balance Companies Employees DKK bio. DKK bio. number number 11 621 12 411 Total 379 61 868 328 62 174 Banks 3 833 39 037 4 0 4 9 37 851 88 84 Mortgage banks 3 566 7 4 4 2 0 3718 7 4 380 The ship Credit fund of Denmark 67 1 61 69 1 62 43 541 541 Securities and broking companies 3 2 41 835 84 770 49 Investment trusts . . . Investment funds (big)<sup>1</sup> 4 206 0,6 4 128 0.7 Investment funds (small)<sup>1</sup> 11 236 1.2 10 217 1.1 Non-life insurance companies 175 76 11 823 206 75 13 533 2 0 1 3 Life insurance companies 1 7 5 7 21 3 3 37 19 3 3 1 4 217 585 18 646 16 210 Non-occupational pension funds 23 Company pension funds 53 32 59 19 27 ATP, LD, AES and SP 745 3 1 958 877 3 1 9 1 1

<sup>1</sup> Large - with licence to carry out secutities trading activities. Small - without licence to carry out securities trading activities.

Source: Danish Financial Supervisory Authority www.statbank.dk/mpk55

Table 308	Profit and loss account and balance sheet of Danmarks Na	tionalbank
	2014	2015
	DKK mio	
Profit and loss account		
Net interest receivable	1 144	1 877
Market value adjustment	4 896	2 128
Dividend on investments	1 495	263
Other income	5	5
Costs including depreciation	-575	-678
Net profit of the year	6 965	3 595
Balance sheet		
Assets, total	536 473	481 687
Stock of gold	15 707	15 490
Special drawing rights in the IMF	19 543	19 601
Foreign assets	425 651	405 502
Lending	37 583	3 502
Securities	34 490	33 689
Other assets	3 499	3 903
Liabilities , total	536 473	481 687
Notes in circulation	61 459	64 215
Coin in circulation	5 888	5 951
Allocations of Special Drawing Rights	13 575	14 507
Foreign liabilities	3 345	3 084
Deposits	163 537	160 930
Other liabilities	5 644	3 872
The Central Government's current accou		158 244
Equity capital	68 156	70 884

Table 309		Discount rate of Danmarks N	Nationalbank		
Dis	count rate	Disc	count rate	Dis	count rate
			– per cent –		
1995		17. march	3.50	7. june	4.00
8. march	6.00	28. april	3.75	2008	
6. july	5.75	9. june	4.25	4. july	4.25
3. august	5.50	1. september	4.50	8. october	4.50
25. august	5.00	6. october	4.75	7. november	4.00
9. november	4.75	2001		5. december	3.50
15. december	4.25	14. may	4.50	2009	
1996		31. august	4.25	16. january	2.75
25. january	4.00	18. september	3.75	6. march	2.00
7. march	3.75	9. november	3.25	3. april	1.75
19. april	3.25	2002		11. may	1.40
1997		6. december	2.75	8. june	1.20
10. october	3.50	2003		14. august	1.10
1998		7. marts	2.50	28. august	1.00
6. may	4.00	6. june	2.00	2010	
29. may	3.75	2005		15. january	0.75
21. september	4.25	2. december	2.25	2011	
5. november	4.00	2006		7. april	1.00
4. december	3.50	3. march	2.50	8. july	1.25
1999		9. june	2.75	4. november	1.00
<ol><li>february</li></ol>	3.25	4. august	3.00	9. december	0.75
9. april	2.75	6. october	3.25	2012	
5. november	3.00	8. december	3.50	1. june	0.25
2000		2007		6. july	0.00
4. february	3.25	9. march	3.75		

www.statbank.dk/disk

Table 310	Profit and loss account and balance sheet o	of Danish banks	
	End of year	2013	201
	Number of banks	88	8
	Antal ansatte, ultimo året	39 037	37 85
		DKK mio.	
	Profit and loss account		
	+Interest income	79 332	72 89
	÷Interest expenses	32 216	25 57
	Net income from interest, net	47 116	47 32
	+Share dividends	2 482	2 91
	+Charges and commissions income	26 971	29 30
	<ul> <li>Charges and commissions expenses</li> </ul>	6 351	6 03
	Net income from charges and commissions	70 217	73 50
	+Revaluation of securities and foreign exchange	4 091	-2 29
	+Other ordinary income	3 018	7 95
	Profit/loss on financial items	77 326	79 16
	÷Staff and administrative expenses	47 030	46 94
	<ul> <li>Depreciation of tangible and intangible assets</li> </ul>	3 320	13 09
	÷Other operating expenses	1 551	1 20
	+Depreciations and provisions, net	17 031	12 46
	+Adjustments of shares	7 773	10 773
	Profit/loss on ordinary activities	16 167	16 22
	+Extraordinary receipts, net	0	(
	Profit/loss before tax	16 167	16 22
	÷Tax	2 777	2 16
	Profit/loss for the year	13 390	14 06
	Balance sheets		
	Assets, total	3 799 662	4 014 61
	Claims on credit institutions, etc.	412 426	428 77
	Loans	1 679 328	1 651 83
	Bonds, etc.	1 002 261	1 039 31
	Shares, etc.	35 473	26 57
	Holdings in associated and affiliated enterprises	141 967	158 92
	Intangible assets	25 288	15 37
	Tangible assets	15 349	14 92
	Other assets	487 570	678 88
	Liabilities, total	3 799 662	4 014 61
	Liabilities to credit institutions, etc.	659 718	648 09
	Deposits	1 738 971	1 794 84
	Issued bonds, etc.	310 814	336 87
	Other liabilities, accruals and deferred income	697 492	850 51
	Provisions for liabilities and charges	11 864	12 61
	Capital deposits	99 681	67 004
	Equity capital	281 122	304 65

Note: Excluding the banks in Greenland.

Source: Danish Financial Supervisory Authority

## Banks' domestic lending and deposits. 2015

Total1462 6171273 238Agriculture, forestry and fishing21 46371 152Mining and quarrying1 455749Manufacturing33 65255 482Electricity, gas, steam and air conditioning supply8 66213 082Water supply, sewerage and waste management4 7222 585Construction20 75421 678Wholesale and retail trade41 01164 659Transportation and storage21 13919 742Accommodation and food service activities4 6447 065Information and communication19 2097 120Financial and insurance activities63 379111 206Professional, scientific and technical activities64 13327 142Administrative and support activities12 64220 001Public administration and defence10 23838 417Education7 2922 90710 238Human health and social work activities18 9967 072Arts, entertainment and recreation6 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of households as employers4733Ativities of households as employers4733Activities of households as employers4733Activities of households776 803412 222Activity not stated10490		Deposits <sup>1</sup>	Lending <sup>1</sup>
Agriculture, forestry and fishing21 46371 152Mining and quarrying1455749Manufacturing33 65255 482Electricity, gas, steam and air conditioning supply8 66213 082Water supply, sewerage and waste management4 7222 585Construction20 75421 678Wholesale and retail trade41 01164 659Transportation and storage21 13919 742Accommodation and of service activities4 6447 065Information and communication19 2097 120Financial and insurance activities63 379111 206Professional, scientific and technical activities64 13327 142Administrative and support activities12 64220 001Public administration and defence10 23838 417Education7 2922 907Human health and social work activities18 9967 072Arts, entertainment and recreation6 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies776 803412 222		mio. ł	<r< th=""></r<>
Mining and quarrying1 455749Manufacturing33 65255 482Electricity, gas, steam and air conditioning supply8 66213 082Water supply, sewerage and waste management4 7222 585Construction20 75421 678Wholesale and retail trade41 01164 659Transportation and storage21 13919 742Accommodation and food service activities4 6447 065Information and communication19 2097 120Financial and insurance activities63 379111 206Professional, scientific and technical activities64 13327 142Administrative and support activities12 64220 001Public administration and defence10 23838 417Education7 2922 907Human health and social work activities18 9967 072Arts, entertainment and recreation6 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222	Total	1 462 617	1 273 238
Mining and quarrying1 455749Manufacturing33 65255 482Electricity, gas, steam and air conditioning supply8 66213 082Water supply, sewerage and waste management4 7222 585Construction20 75421 678Wholesale and retail trade41 01164 659Transportation and storage21 13919 742Accommodation and food service activities4 6447 065Information and communication19 2097 120Financial and insurance activities63 379111 206Professional, scientific and technical activities64 13327 142Administrative and support activities12 64220 001Public administration and defence10 23838 417Education7 2922 907Human health and social work activities18 9967 072Arts, entertainment and recreation6 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222	Agriculture, forestry and fishing	21 463	71 152
Manufacturing33 65255 482Electricity, gas, steam and air conditioning supply8 66213 082Water supply, sewerage and waste management4 7222 585Construction20 75421 678Wholesale and retail trade41 01164 659Transportation and storage21 13919 742Accommodation and food service activities4 6447 065Information and communication19 2097 120Financial and insurance activities296 440381 364Real esta activities63 379111 206Professional, scientific and technical activities12 64220 001Public administrative and support activities12 64220 001Public administration and defence10 23838 417Education7 2922 907Human health and social work activities18 9967 072Arts, entertainment and recreation6 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of sextra-territorial organisations and bodies4733Households776 803412 222		1 455	749
Electricity, gas, steam and air conditioning supply8 66213 082Water supply, sewerage and waste management4 7222 585Construction20 75421 678Wholesale and retail trade41 01164 659Transportation and storage21 13919 742Accommodation and food service activities4 6447 065Information and communication19 2097 120Financial and insurance activities296 440381 364Real estate activities63 379111 206Professional, scientific and technical activities64 13327 142Administrative and support activities12 64220 001Public administration and defence10 23838 417Education7 2922 907Human health and social work activities61 832 808Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222		33 652	55 482
Water supply, sewerage and waste management4 7222 585Construction20 75421 678Wholesale and retail trade41 01164 659Transportation and storage21 13919 742Accommodation and food service activities4 6447 065Information and communication19 2097 120Financial and insurance activities63 379111 206Professional, scientific and technical activities64 13327 142Administrative and support activities12 64220 001Public administration and defence10 23838 417Education7 2922 907Human health and social work activities68 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222	Electricity, gas, steam and air conditioning supply	8 662	13 082
Construction20 75421 678Wholesale and retail trade41 01164 659Transportation and storage21 13919 742Accommodation and food service activities4 6447 065Information and communication19 2097 120Financial and insurance activities296 440381 364Real estate activities63 379111 206Professional, scientific and technical activities64 13327 142Administrative and support activities12 64220 001Public administration and defence10 23838 417Education7 2922 907Human health and social work activities18 9967 072Arts, entertainment and recreation6 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222		4 722	2 585
Transportation and storage21 13919 742Accommodation and food service activities4 6447 065Information and communication19 2097 120Financial and insurance activities296 440381 364Real estate activities63 379111 206Professional, scientific and technical activities64 13327 142Administrative and support activities12 64220 001Public administration and defence10 23838 417Education7 2922 907Human health and social work activities18 9967 072Arts, entertainment and recreation6 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222		20 754	21 678
Accommodation and food service activities4 6447 065Information and communication19 2097 120Financial and insurance activities296 440381 364Real estate activities63 379111 206Professional, scientific and technical activities64 13327 142Administrative and support activities12 64220 001Public administration and defence10 23838 417Education7 2922 907Human health and social work activities18 9967 072Arts, entertainment and recreation6 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222	Wholesale and retail trade	41 011	64 659
Information and communication19 2097 120Financial and insurance activities296 440381 364Real estate activities63 379111 206Professional, scientific and technical activities64 13327 142Administrative and support activities12 64220 001Public administration and defence10 23838 417Education7 2922 907Human health and social work activities18 9967 072Arts, entertainment and recreation6 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222	Transportation and storage	21 139	19 742
Financial and insurance activities296 440381 364Real estate activities63 379111 206Professional, scientific and technical activities64 13327 142Administrative and support activities12 64220 001Public administration and defence10 23838 417Education7 2922 907Human health and social work activities18 9967 072Arts, entertainment and recreation6 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222	Accommodation and food service activities	4 644	7 065
Real estate activities63 379111 206Professional, scientific and technical activities64 13327 142Administrative and support activities12 64220 001Public administration and defence10 23838 417Education7 2922 907Human health and social work activities18 9967 072Arts, entertainment and recreation6 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222	Information and communication	19 209	7 120
Professional, scientific and technical activities64 13327 142Administrative and support activities12 64220 001Public administration and defence10 23838 417Education7 2922 907Human health and social work activities18 9967 072Arts, entertainment and recreation6 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222	Financial and insurance activities	296 440	381 364
Administrative and support activities12 64220 001Public administration and defence10 23838 417Education7 2922 907Human health and social work activities18 9967 072Arts, entertainment and recreation6 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222	Real estate activities	63 379	111 206
Public administration and defence10 23838 417Education7 2922 907Human health and social work activities18 9967 072Arts, entertainment and recreation6 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222	Professional, scientific and technical activities	64 133	27 142
Education7 2922 907Human health and social work activities18 9967 072Arts, entertainment and recreation6 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222	Administrative and support activities	12 642	20 001
Human health and social work activities18 9967 072Arts, entertainment and recreation6 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222	Public administration and defence	10 238	38 417
Arts, entertainment and recreation6 1832 808Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222	Education	7 292	2 907
Other service activities28 1136 196Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222	Human health and social work activities	18 996	7 072
Activities of households as employers167587Activities of extra-territorial organisations and bodies4733Households776 803412 222	Arts, entertainment and recreation	6 183	2 808
Activities of extra-territorial organisations and bodies4733Households776 803412 222	Other service activities	28 113	6 196
Households 776 803 412 222	Activities of households as employers	167	587
Households 776 803 412 222	Activities of extra-territorial organisations and bodies	473	3
Activity not stated 1 049 0		776 803	412 222
	Activity not stated	1 049	0

<sup>1</sup> Outstanding at the end of year.

Source: Danmarks Nationalbank

Table 312	Long-term savings schemes with	Long-term savings schemes with deposit accounts of Danish banks				
	End of year	2013	2014	Percentage change in relation to previous year		
	_	DKK mio. —		per cent		
	Specific deposit accounts, total	220 390	208 348	-5.5		
	Index-linked pension savings	6 544	5 643	-13.8		
	Capital-pension accounts	88 771	70 069	-21.1		
	Savings accounts for children	14 010	14 213	1.4		
	Private pension schemes	1 516	1 374	-9.4		
	Investment-fund accounts	1	1	25.1		
	Business establishment savings	811	831	2.5		
	Home-savings contracts	340	359	5.6		
	Instalment-pension accounts	101 341	108 667	7.2		
	Savings accounts for education	58	41	-28.7		
	Premium lottery accounts	6 974	7 125	2.2		
	Market fluctuation adjustment accounts	24	25	1.8		

Source: Danish Financial Supervisory Authority

## Table 313

## Mortgage banks

	2013	2014
Number of institutions	7	7
	DKK mio	
Profit and loss account		
+Interest income	94 385	93 677
÷Interest xpenses	73 411	71 418
Net income from interest	20 974	22 259
+Charges and commissions receivable	-2 134	-2 012
Net income from charges and commissions	18 839	20 247
÷Expenditure of the personnel administration and other		
operating expenses	5 111	4 835
Depreciation and provisions on loans	5 674	4 905
+Adjustment of capital interest	65	-1 120
+Other ordinary receipts	72	63
Profit/loss on ordinary activities	8 190	9 450
+Extraordinary receipts (net)		
÷Tax	1 758	2 307
Profit/loss for the year	6 433	7 143
Balance sheets		
Assets, total	3 565 792	3 718 335
Claims on credit institutions, etc.	717 550	782 927
Loans	2 582 434	2 634 958
Bonds and shares, etc.	205 709	240 600
Holdings in associated and affiliated enterprices	32 290	31 709
Intangible assets	3 021	3 0 37
Tangible assets	625	649
Other assets	24 163	24 455
Liabilities, total	3 565 792	3 718 335
Liabilities to credit institutions	669 549	698 974
Issued bonds, etc.	2 613 513	2 739 584
Other liabilities, accruals and deferred income	102 419	94 066
Provisions for liabilities and charges	876	723
Capital deposits	16 914	16 505
Equity capital	162 521	168 483

Source: Danish Financial Supervisory Authority

Table 314

## Major finance companies, factoring and other loans

	Total activities Sta		Status	;
	2013	2014	Ult. 2013	Ult. 2014
		DKK mi	)	
Factoring Other loans	24 287 23 179	37 667 13 617	5 520 51 276	7 416 40 078

Source: Individual finance company

www.statbank.dk/mpk57

Table 315	Major finance companies, leasing				
		2013	2014		
	Activities in the year	DKK mio			
	Total	15 426	17 251		
	Industrial equipment	3 049	2 918		
	Edp and office equipment	1 560	1 271		
	Lorries and vans	5 420	6 240		
	Passengercars	3 484	4 064		
	Vessels, aircraft, railway material	21	14		
	Buildings	462	1 142		
	Other	1 429	1 602		
	Status at end of year	38 364	39 324		

Source: Individual finance company

## Life assurance companies

	2013	2014
Number of companies	21	19
Profit and loss account	DKK mio.	
A: Insurance activities		
+ Premiums net of reinsurance	105 224	108 414
+ Allocated investment return transferred from the technical account	39 764	166 080
Receipts from insurance activities	144 988	274 494
÷Claims incurred, net of reinsurance	95 058	105 875
+Change in life assurance provisions	37 360	156 588
÷Administrative expenses	4 484	4 457
÷Change in bonus equalization provisions	5 533	4 847
+ Result from sickness and accident insurance	96	374
Result from insurance activities	2 649	3 101
B: Investment activities + Result from investment activities	46 143	192 238
+ Result from investment activities + Tax on pensions yield	6 379	26 159
÷Allocated investment return transferred to the technical account	37 488	159 695
÷Yield on investments carried forward to sickness and accident	57 400	109 090
insurance	1 148	4 377
Result from investment activities	1 128	2 007
C: Total activities	=•	
+ Result from primary operation	3 777	5 108
+ Other ordinary receipts, net	866	1 030
+ Extraordinary receipts, net	000	0
÷Taxes	744	1 700
Net result for the year	3 899	4 438
D: Increase in equity capital		
+ Net result of the year	3 899	4 438
÷Dividends, etc.	792	837
Increase in equity capital, total	3 107	3 601
Balance sheets		
Assets total	1 756 780	2 013 190
A: Investment assets		
Land and buildings	3 210	3 645
Bonds	470 018	515 704
Shares and other capital holdings	443 337	439 242
Loans	64 373	176 819
Other	19 320	15 214
B: Other assets	756 522	862 566
Liabilities, total	1 756 780	2 013 190
Equity capital	58 068	61 121
Provisions	1 491 270	1 656 191
Other liabilities	207 442	295 878

Source: Danish Financial Supervisory Authority

www.statbank.dk/mpk50 and mpk51

## Accounts of non-life insurance companies

	2013	2014
Number of companies	76	75
Profit and loss account	DKK mio	
A: Insurance activities +Gross premiums written, net of reinsurense +Technical interest Receipts from insurance activities ÷Claims incurred, net of reinsurance ÷Administrative expenses ÷Other insurance technical items Result from insurance activities	52 001 139 52 140 36 944 9 389 547 5 260	61 932 108 62 040 43 410 10 936 505 7 189
B: Investment activities +Result from investment activities	5 088	6 786
<b>C: Total activities</b> Result from primary operation +Other ordinary receipts, net +Extraordinary receipts, net ÷Taxes Net result for the year	10 348 -876 867 1 490 8 849	13 975 -546 960 2 174 12 215
D: Increase in equity capital Net result for the year +Balancing items +Capital injection Increase, total ÷Dividends, etc. Increase in equity capital, total	8 849 2 424 30 11 303 3 032 8 271	12.215 3 126 30 15 371 4 082 11 289
Balance sheets Assets, total	175 386	205 619
A: Investment assets		200 010
Land and buildings Bonds Shares and other capital holdings Loans Other	5 001 88 392 51 696 425 803	5 503 109 830 57 778 2 260 678
B: Other assets	29 069	29 570
Liabilities, total Equity, total Provisions Other liabilities	<b>175 386</b> 68 942 89 002 17 442	<b>205 619</b> 80 374 104 153 21 092

Source: Danish Financial Supervisory Authority

www.statbank.dk/mpk52 and mpk53

Table 318

## Non-life insurance by type

_	Premiums		Compensa	tion
_	2013	2014	2013	2014
-		DKK mic	)	
Total	58 989	67 525	43 833	46 906
Total commercial insurance	15 775	17 027	11 940	11 657
Workmen's compensation	3 068	2 994	1 797	1 275
Buildings	5 320	6 161	5 066	4 719
Contents (other than stock and machinery)	2 932	2 912	2 062	1 793
Professional liability	2 061	2 377	1 601	2 104
Marine and transport	1 260	1 174	705	874
Aviation	3	0	4	-3
Other commercial insurance	1 131	1 407	704	895
Total private insurance	14 874	16 378	11 728	11 835
Householder's comprehensive	4 843	5 407	3 734	4 064
Homeowner's comprehensive	6 487	7 166	5 514	5 247
Weekend cottages	800	912	540	604
Change of ownership insurance	355	295	271	281
Other private insurance	2 389	2 598	1 670	1 638
Total personal accident insurance	9 870	12 390	7 330	8 812
Healt insurance	1 275	1 484	921	1 139
Single accident and sickness	8 392	10 756	6 246	7 565
Professional disability	203	150	164	108
Total motor vehicle insurance	16 304	19 310	10 797	13 407
Third-party liability	5 860	6 585	4 494	5 374
Vehicle (own damage)	10 445	12 725	6 302	8 033
Credit and suretyship	372	402	906	78
Touristassistance and Legal aid insurance	1 140	1 151	710	768
Total direct business	58 335	66 658	43 410	46 557
Total indirect business	653	867	423	349

Note: Premiums and claims are listed as reserve regulating gross amounts. Indirect business is the reinsurance received, which each insurance company has taken over from other insurance companies.

Source: Danish Financial Supervisory Authority

## Table 319

## Pension funds

	Intersectoral page	sion funds	Corporate ponsi	on funds		
		Intersectoral pension funds		Corporate pension funds		
	2013	2014	2013	2014		
Number of members	739 184	757 816	13 584	13 765		
Working members	600 039	611 702	3 626	3 293		
Retired members	116 882	123 644	7 128	7 832		
Retired spouses	14 105	14 595	2 050	1 952		
Children who receive children's pension	8 158	7 875	780	688		
		— DKK r	nio			
Current annual pension, total	8 734	10 379	8 561			
Pension for members	7 690	9 322	7 494			
Pension for spouses	882	903	1 053			
Pension for children	162	154	14			
Miscellaneous income						
Member contributions	20 820	20 276	300	356		
Of which extraordinary contributions	1 413	1 519	35	72		
Interest income and profits	12 863	13 043	2 269	1 693		
Miscellaneous expenditure <sup>1</sup>						
Pensions	13 819	19 297	1 670	1 703		
Retirement allowances	1 428	1 450		72		
Assets, total	585 232	646 091	52 661	59 433		
Central government bonds <sup>1</sup>	15 604	18 543	8 330	9 916		
Other bonds <sup>1</sup>	2 164	5 792	19 578	11 687		
Mortgage credit bonds, etc. <sup>1</sup>	69 468	73 589	11 294	17 622		
Cash at bank and in hand	2 120	6 549	866	259		
Mortgage credits	9	6	0	1 486		
Loans with other collateral	49 534	43 195	0	0		
Other assets	446 333	498 417	12 593	18 463		
Premium reserves	400 683	433 642	38 972	43 040		

Note: The financial year for certain pension funds does not coincide with the calendar year.

<sup>1</sup> Book value.

Source: Danish Financial Supervisory Authority www.statbank.dk/mpk49

Table 320Denmark's gold and foreign exchange reserve				
End of year	2014	2015		
	DKK billion			
Danmarks Nationalbanks gold stock	15.7	15.5		
Danmarks Nationalbanks foreign assets	s 425.7	405.5		
Claims on the International Valuta Fund	19.5	19.6		
Foreign liabilities	-3.3	-3.1		
The foreign exchange reserve	457.6	437.5		

Table 321	Money stock		
		2014	2015
		DKK billion	
Money stock		1 081.8	1 152.8
Notes and coins outside the b	anking sector	56.5	59.8
Deposit in banks and saving	as banks	1 025.3	1 093.0
-Demand deposits	•	884.5	977.6
-Agreement deposits <sup>1</sup>		140.8	115.4

<sup>1</sup> Includes. e.g. deposits at notice and time deposits.

Source: Danmarks Nationalbank

Table 322	Consumer credit		
End of year		2014	2015
		DKK mio	
Total		19 842	18 614
Balance on credit and account cards		8 271	7 862
Of which, petrol companies		1 519	1 408
Blank credit		7 659	6 714
Secured credit		3 912	4 037

Source: Each individual financing company and credit card company

Table 323	Danish electronic payment card system					
		2008	2012	2013	2014	2015
	Number of cards Transaction	4 010 796 394	4 794 975 377	4 921 1 032 171	5 288 1 113 270	5 788 1 212 417
				– DKK mio. ——		
	Turnover	279 897	309 876	318 800	333 581	356 805

Source: NETS

www.statbank.dk/mpk41

Table 324	Exchange rates		
	Currency	2014	2015
	-	DKK	
Pound sterling	GBP	925.11	1 028.24
Bulgarian lev	BGN	381.16	381.36
Lituanian litas	LTL	215.90	
Norwegian krone	NOK	89.31	83.43
Polish zloty	PLN	178.17	178.27
Swiss franc	CHF	613.78	698.88
Swedish krona	SEK	81.99	79.74
Czech koruna	CZK	27.07	27.35
Hungarian forint	HUF	2.42	2.41
EU common currency	EUR	745.47	745.86
US dollars	USD	561.90	672.69
Australian dollars	AUD	506.81	505.34
Brazilian real	BRL	239.09	204.59
Canadian dollars	CAD	508.83	526.42
Hong Kong dollars	HKD	72.46	86.77
Japanese yen	JPY	5.32	5.56
Chinese yuan renminbi	CNV	91.24	107.04
Singapore dollars	SGD	443.48	489.13
Effective rate of DKK 1980 = 100	)	103.26	99.20

Note: The rate is the annual average.

Source: Danmarks Nationalbank

www.statbank.dk/DNVALA