# Money and credit market

The money and credit markets

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### 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 2014 the Danish long-term bond interest rate was 1.3 per cent and the German long-term bond interest rate 1.2 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 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 2014, 148 companies were listed on the Stock Exchange.



Figure 2 OMXC, index of all listed shares at market value

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 2014, about 22 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, 19 per cent of mortgage bonds were held by foreigners at the end of 2014 compared to about 5 per cent in 1996.



Figure 3 Shares and bonds traded on the Copenhagen Stock Exchange

www.statbank.dk/dnvpdkb

<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.





I 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 2013, 88 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 the total consumer credit decreased. A large part of the drop is due to a change in the number of companies in the sector for non-bank consumer credit companies.



#### 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 837 billion at the end of 2013.

### 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 309 C	Owners of quoted shares and unit trust certificates. 2014					
Share prices. end of year	Non-financial corporations			Financial corporations	Foreigns corporations	Total
Owners <sup>1</sup>	Manufacturing. etc.	Transport. postal services and telecommu- nications	Other corporations			
			DKK b	illion —		
Total	765.5	106.6	716.3	1 463.2	52.4	3 104.0
Non-financial corporations	107.0	8.0	244.1	153.0	3.0	515.1
Financial corporations	29.0	12.3	64.2	205.4	20.1	331.0
Insurance and pension funds corporations	7.8	3.1	15.8	421.9	4.3	452.9
General government	0.0	0.0	9.3	20.3	0.7	30.3
Households <sup>2</sup>	110.7	10.8	86.7	447.0	16.3	671.5
Non-profit institutions serving households	13.2	0.5	5.0	23.5	0.8	43.0
Abroad	0.4	0.2	2.8	7.0	1.2	11.6
Sector unknown	497.2	71.8	288.4	185.1	6.1	1 048.5

<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 310	Share index		
OMXC-index		2013	2014
End of the year		end of 1995 =100	
Total		517	608
Energy		25	35
Materials		1 092	1 619
Manufactoring		421	425
Discretionary		74	80
Consumer goods		196	177
Health Care		1 648	2 106
Finance		366	459
ICT		740	627
Telecommunication		170	153
Utilities		217	135

Source: Copenhagen Stock Exchange www.statbank.dk/mpk13

Table 311 Quote	Cable 311Quoted bonds in circulation by holder sector. 2014				
Nominal value at the end of the year	Central government bonds, etc.	Bonds issued by mortgage banks etc. <sup>1</sup>	Other quoted bonds <sup>2</sup>	Total	
		DKK m	nio. —		
Total	673 653	3 138 075	174 730	3 986 458	
Non-financial corporations	3 741	111 285	10 617	125 643	
Financial corporations Monetary financial institutions Other financial institutions	<b>103 005</b> 25 632 77 373	<b>1 794 047</b> 1 302 882 491 165	<b>80 282</b> 38 128 42 154	<b>1 977 334</b> 1 366 642 610 692	
Insurance and pension funds corporations	254 057	512 089	28 242	794 388	
General government Central government Local government Social security funds Households Non-profit institutions serving households Sector unknown Abroad	65 690 65 355 318 17 1 617 594 962 243 988	55 125 17 850 36 571 705 35 965 18 881 14 214 596 469	18 116 12 153 5 932 31 12 656 950 1 630 22 238	138 931 95 358 42 821 753 50 238 20 425 16 806 862 695	

<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.

Source: Danmarks Nationalbank

www.statbank.dk/dnvpdks

### Financial sector, main figures

Table 312

		2012			2013	
	Balance	Companies	Employees	Balance	Companies	Employees
	DKK bio. –	numbe	er	DKK bio. —	number	
Total	11 926	407	62 682	11 621	379	61 868
Banks	4 262	96	40 492	3 833	88	39 037
Mortgage banks	3 513	8	4 493	3 566	7	4 420
The ship Credit fund of Denmark	83	1	60	67	1	61
Securities and broking companies	2	40	481	3	43	541
Investment trusts	723	85		835	84	
Investment funds (big) <sup>1</sup>	0.7	4	205	0.7	4	206
Investment funds (small) <sup>1</sup>	0.6	10	222	1.1	11	236
Non-life insurance companies	177	85	11 934	175	76	11 823
Life insurance companies	1 682	27	3 675	1 757	21	3 337
Non-occupational pension funds	565	20	226	585	18	217
Company pension funds	57	27	33	53	23	32
ATP, LD, AES and SP	860	4	861	745	3	1 958

<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

Table 313	Profit and loss account and balance sheet of Danmarks N	lationalbank
	2013	2014
	DKK mio	
Profit and loss account		
Net interest receivable	3 221	3 916
Market value adjustment	-9 166	3 428
Dividend on investments	132	191
Other income	123	5
Costs including depreciation	-629	-575
Net profit of the year	-6 319	6 965
Balance sheet		
Assets, total	547 225	536 473
Stock of gold	13 915	15 707
Special drawing rights in the IMF	20 017	19 543
Foreign assets	443 188	425 651
Lending	25 620	37 583
Securities	35 025	34 490
Other assets	9 460	3 499
Liabilities, total	547 225	536 473
Notes in circulation	60 681	61 459
Coin in circulation	5 810	5 888
Allocations of Special Drawing Rights	12 773	13 575
Foreign liabilities	3 125	3 345
Deposits	238 258	163 537
Other liabilities	242	5 644
The Central Government's current account		214 869
Equity capital	62 960	68 156

Source: Danmarks Nationalbank

Table 314		Discount rate of Danmarks N	Nationalbank		
Dis	scount rate	Disc	count rate	Dis	scount 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
<ol><li>february</li></ol>	3.25	9. march	3.75		

Source: Danmarks Nationalbank

www.statbank.dk/disk

Table 315	Profit and loss account and balance sheet o	Danish Danks	
	End of year	2012	2013
	Number of banks	96	88
	Antal ansatte, ultimo året	40 492	39 037
		DKK mio	
	Profit and loss account		
	+Interest income	90 010	79 332
	÷Interest expenses	39 525	32 216
	Net income from interest, net	50 069	47 110
	+Share dividends	1 170	2 482
	+Charges and commissions income	25 712	26 971
	+Charges and commissions expenses	6 138	6 351
	Net income from charges and commissions	70 673	70 217
	+Revaluation of securities and foreign exchange	8 027	4 091
	+Other ordinary income	3 732	3 018
	Profit/loss on financial items	82 403	77 326
	÷Staff and administrative expenses	48 800	47 030
		4 102	3 320
	<ul> <li>Other operating expenses</li> <li>Depreciations and provisions, net</li> </ul>	1 088 27 370	1 551 17 031
	+Adjustments of shares	6 041	7 773
	Profit/loss on ordinary activities	<b>7 398</b>	16 167
	+Extraordinary receipts, net	0	10 107
	Profit/loss before tax	7 398	16 167
	÷Tax	3 595	2 777
	Profit/loss for the year	3 803	13 390
	Balance sheets		10 000
	Assets, total	4 246 445	3 799 662
	Claims on credit institutions, etc.	536 295	412 426
	Loans	1 762 094	1 679 328
	Bonds, etc.	1 001 907	1 002 261
	Shares, etc.	29 077	35 473
	Holdings in associated and affiliated enterprises	143 637	141 967
	Intangible assets	25 627	25 288
	Tangible assets	16 190	15 349
	Other assets	731 618	487 570
	Liabilities, total	4 246 445	3 799 662
	Liabilities to credit institutions, etc.	800 135	659 718
	Deposits	1 724 163	1 738 971
	Issued bonds, etc.	389 903	310 814
	Other liabilities, accruals and deferred income	945 991	697 492
	Provisions for liabilities and charges	6 689	11 864
	Capital deposits	107 104	99 681
	Equity capital	272 459	281 122

Note: Excluding the banks in Greenland.

Source: Danish Financial Supervisory Authority

### Banks' domestic lending and deposits. 2014

Total1 586 5361 325 575Agriculture, forestry and fishing22 22971 617Mining and quarying1 417570Manufacturing39 55464 208Electricity, gas, steam and air conditioning supply9 74613 623Water supply, sewerage and waste management4 9242826Construction19 62319 689Wholesale and retail trade41 52067 380Transportation and storage16 69221 758Accommodation and food service activities4 1067 310Information and communication20 4149 431Financial and insurance activities451 221395 247Real estate activities63 305116 452Professional, scientific and technical activities56 57828 879Administrative and support activities11 59236 677Education7 653296911 43518 949Public administration and defence11 59236 677Education7 563296911 43518 345Arts, entertainment and recreation5 9523 514Other service activities18 3457 05835Activities of households as employers172572Activities of extra-territorial organisations and bodies3754Households753 744430 897Activities of extra-territorial organisations and bodies3754Households753 744430 897Activities of extra-territorial organisations and bodies375 </th <th></th> <th>Deposits<sup>1</sup></th> <th>Lending<sup>1</sup></th>		Deposits <sup>1</sup>	Lending <sup>1</sup>
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Transportation and storage16 69221 758Accommodation and food service activities4 1067 310Information and communication20 4149 431Financial and insurance activities451 221395 247Real estate activities63 305116 452Professional, scientific and technical activities56 57828 879Administrative and support activities11 43518 949Public administration and defence11 59236 677Education7 5632 969Human health and social work activities18 3457 058Arts, entertainment and recreation5 9523 514Other service activities25 2365 940Activities of households as employers172572Activities of extra-territorial organisations and bodies3754Households753 744430 897		19 623	19 689
Accommodation and food service activities4 1067 310Information and communication20 4149 431Financial and insurance activities451 221395 247Real estate activities63 305116 452Professional, scientific and technical activities56 57828 879Administrative and support activities11 43518 949Public administration and defence11 59236 677Education7 5632 969Human health and social work activities18 3457 058Arts, entertainment and recreation5 9523 514Other service activities25 2365 940Activities of households as employers172572Activities of extra-territorial organisations and bodies3754Households753 744430 897	Wholesale and retail trade	41 520	67 380
Accommodation and food service activities4 1067 310Information and communication20 4149 431Financial and insurance activities451 221395 247Real estate activities63 305116 452Professional, scientific and technical activities56 57828 879Administrative and support activities11 43518 949Public administration and defence11 59236 677Education7 5632 969Human health and social work activities18 3457 058Arts, entertainment and recreation5 9523 514Other service activities25 2365 940Activities of households as employers172572Activities of extra-territorial organisations and bodies3754Households753 744430 897	Transportation and storage	16 692	21 758
Financial and insurance activities451 221395 247Real estate activities63 305116 452Professional, scientific and technical activities56 57828 879Administrative and support activities11 43518 949Public administration and defence11 59236 677Education7 5632 969Human health and social work activities18 3457 058Arts, entertainment and recreation5 9523 514Other service activities25 2365 940Activities of households as employers172572Activities of extra-territorial organisations and bodies3754Households753 744430 897		4 106	7 310
Real estate activities63 305116 452Professional, scientific and technical activities56 57828 879Administrative and support activities11 43518 949Public administration and defence11 59236 677Education7 5632 969Human health and social work activities18 3457 058Arts, entertainment and recreation5 9523 514Other service activities25 2365 940Activities of households as employers172572Activities of extra-territorial organisations and bodies3754Households753 744430 897	Information and communication	20 414	9 431
Professional, scientific and technical activities56 57828 879Administrative and support activities11 43518 949Public administration and defence11 59236 677Education7 5632 969Human health and social work activities18 3457 058Arts, entertainment and recreation5 9523 514Other service activities25 2365 940Activities of households as employers172572Activities of extra-territorial organisations and bodies3754Households753 744430 897	Financial and insurance activities	451 221	395 247
Administrative and support activities11 43518 949Public administration and defence11 59236 677Education7 5632 969Human health and social work activities18 3457 058Arts, entertainment and recreation5 9523 514Other service activities25 2365 940Activities of households as employers172572Activities of extra-territorial organisations and bodies3754Households753 744430 897	Real estate activities	63 305	116 452
Public administration and defence11 59236 677Education7 5632 969Human health and social work activities18 3457 058Arts, entertainment and recreation5 9523 514Other service activities25 2365 940Activities of households as employers172572Activities of extra-territorial organisations and bodies3754Households753 744430 897	Professional, scientific and technical activities	56 578	28 879
Education7 5632 969Human health and social work activities18 3457 058Arts, entertainment and recreation5 9523 514Other service activities25 2365 940Activities of households as employers172572Activities of extra-territorial organisations and bodies3754Households753 744430 897	Administrative and support activities	11 435	18 949
Human health and social work activities18 3457 058Arts, entertainment and recreation5 9523 514Other service activities25 2365 940Activities of households as employers172572Activities of extra-territorial organisations and bodies3754Households753 744430 897	Public administration and defence	11 592	36 677
Arts, entertainment and recreation5 9523 514Other service activities25 2365 940Activities of households as employers172572Activities of extra-territorial organisations and bodies3754Households753 744430 897	Education	7 563	2 969
Other service activities25 2365 940Activities of households as employers172572Activities of extra-territorial organisations and bodies3754Households753 744430 897	Human health and social work activities	18 345	7 058
Activities of households as employers172572Activities of extra-territorial organisations and bodies3754Households753744430	Arts, entertainment and recreation	5 952	3 514
Activities of extra-territorial organisations and bodies3754Households753744430	Other service activities	25 236	5 940
Households 753 744 430 897	Activities of households as employers	172	572
	Activities of extra-territorial organisations and bodies	375	4
Activity not stated 705 5	Households	753 744	430 897
	Activity not stated	795	5

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

Source: Danmarks Nationalbank

Table 317	Long-term savings schemes with deposit accounts of Danish banks				
	End of year	2012	2013	Percentage change in relation to previous year	
	_	DKK mio		per cent	
	Specific deposit accounts, total	220 386	220 390	0.0	
	Index-linked pension savings Capital-pension accounts	7 192 98 486	6 544 88 771	-9.0 -9.9	
	Savings accounts for children	13 327	14 010		
	Private pension schemes	1 661	1 516		
	Investment-fund accounts Business establishment savings	1 764	1 811	-0.7 6.1	
	Home-savings contracts	356	340	-4.6	
	Instalment-pension accounts	91 632	101 341	10.6	
	Savings accounts for education	73	58	-21.2	
	Premium lottery accounts	6 866	6 974		
	Market fluctuation adjustment accounts	28	24	-14.5	

Source: Danish Financial Supervisory Authority

### Mortgage banks

	2012	2013
Number of institutions	8	7
	DKK mio	
Profit and loss account		
+Interest income	102 135	94 385
÷Interest xpenses	81 862	73 411
Net income from interest	20 273	20 974
+Charges and commissions receivable	-1 521	-2 134
Net income from charges and commissions	18 752	18 839
÷Expenditure of the personnel administration and other		
operating expenses	4 860	5 111
	4 677	5 674
+Adjustment of capital interest	-283	65
+Other ordinary receipts	70	72
Profit/loss on ordinary activities	9 002	8 190
+Extraordinary receipts (net)		
÷Tax	1 998	1 758
Profit/loss for the year	7 004	6 433
Balance sheets		
Assets, total	3 512 976	3 565 792
Claims on credit institutions, etc.	680 826	717 550
Loans	2 583 077	2 582 434
Bonds and shares, etc.	185 826	205 709
Holdings in associated and affiliated enterprices	31 596	32 290
Intangible assets	3 681	3 021
Tangible assets	621	625
Other assets	27 349	24 163
Liabilities, total	3 512 976	3 565 792
Liabilities to credit institutions	660 380	669 549
Issued bonds, etc.	2 574 113	2 613 513
Other liabilities, accruals and deferred income	99 895	102 419
Provisions for liabilities and charges	1 057	876
Capital deposits	19 392	16 914
Equity capital	158 140	162 521
	Source: Denich Eineneiel S	waanican (Authority)

Source: Danish Financial Supervisory Authority

### Major finance companies, factoring and other loans

	Total activit	Total activities Status		;
	2012	2013	Ult. 2012	Ult. 2013
		DKK mi	0	
Factoring Other loans	30 030 19 467	24 287 23 179	5 292 43 775	5 520 51 276

Source: Individual finance company

www.statbank.dk/mpk57

Table 320	Major finance companies, leasing		
		2012	2013
	Activities in the year	DKK mio.	
	Total	18 606	15 426
	Industrial equipment	3 337	3 049
	Edp and office equipment	2 040	1 560
	Lorries and vans	6 486	5 420
	Passengercars	4 061	3 484
	Vessels, aircraft, railway material	14	21
	Buildings	490	462
	Other	2 178	1 429
	Status at end of year	45 878	38 364

Source: Individual finance company

### Life assurance companies

	2012	2013
Number of companies	27	21
Profit and loss account	DKK mio.	
<ul> <li>A: Insurance activities</li> <li>+ Premiums net of reinsurance</li> <li>+ Allocated investment return transferred from the technical account Receipts from insurance activities</li> <li>÷Claims incurred, net of reinsurance</li> <li>÷Change in life assurance provisions</li> <li>÷Administrative expenses</li> <li>÷Change in bonus equalization provisions</li> <li>+ Result from sickness and accident insurance Result from insurance activities</li> </ul>	103 822 120 975 224 797 76 042 136 836 4 605 4 333 137 3 118	105 224 39 764 144 988 95 058 37 360 4 484 5 533 96 2 649
<ul> <li>B: Investment activities</li> <li>+ Result from investment activities</li> <li>+ Tax on pensions yield</li> <li>+ Allocated investment return transferred to the technical account</li> <li>+ Yield on investments carried forward to sickness and accident insurance</li> <li>Result from investment activities</li> </ul>	140 419 19 445 114 066 4 281 2 627	46 143 6 379 37 488 1 148 1 128
C: Total activities + Result from primary operation + Other ordinary receipts, net + Extraordinary receipts, net ÷Taxes Net result for the year	5 745 1 431 0 1 820 5 356	3 777 866 0 744 3 899
D: Increase in equity capital + Net result of the year ÷Dividends, etc. Increase in equity capital, total	5 356 664 4 692	3 899 792 3 107
Balance sheets		
Assets total A: Investment assets	1 681 570	1 756 780
Land and buildings Bonds Shares and other capital holdings Loans Other	3 125 519 051 414 099 85 825 24 332	3 210 470 018 443 337 64 373 19 320
B: Other assets	635 138	756 522
Liabilities, total Equity capital Provisions Other liabilities	<b>1 681 570</b> 62 671 1 440 751 178 148	<b>1 756 780</b> 58 068 1 491 270 207 442

Source: Danish Financial Supervisory Authority

www.statbank.dk/mpk50 and mpk51

### Accounts of non-life insurance companies

	2012	2013
Number of companies	85	76
Profit and loss account	DKK mio	
A: Insurance activities		
+Gross premiums written, net of reinsurense	53 125	52 001
+Technical interest	143	139 52 140
Receipts from insurance activities ÷Claims incurred, net of reinsurance	53 268 36 997	52 140 36 944
+Claims incurred, net of reinsurance +Administrative expenses	9 204	9 389
+Other insurance technical items	883	547
Result from insurance activities	6 184	5 260
B: Investment activities		
+Result from investment activities	7 007	5 088
C: Total activities Result from primary operation	13 191	10 348
+Other ordinary receipts, net	-1 055	-876
+Extraordinary receipts, net	1	867
÷Taxes	2 190	1 490
Net result for the year	9 947	8 849
D: Increase in equity capital		
Net result for the year	9 947	8 849
+Balancing items	2 358	2 424
+Capital injection Increase, total	44 12 349	30 11 303
÷Dividends, etc.	5 044	3 032
Increase in equity capital, total	7 305	8 271
Balance sheets	177 060	175 386
Assets, total A: Investment assets	177 000	1/0 200
	5.440	= 004
Land and buildings	5 110	5 001
Bonds	96 880	88 392
Shares and other capital holdings Loans	48 594 226	51 696 425
Other	837	803
B: Other assets	25 413	29 069
Liabilities, total	177 060	175 386
Equity, total	68 545	68 942
Provisions	91 680	89 002
Other liabilities	16 835	17 442

Source: Danish Financial Supervisory Authority

www.statbank.dk/mpk52 and mpk53

### Non-life insurance by type

_	Premiun	ns	Compensa	ation
	2012	2013	2012	2013
-		DKK mic	)	
Total	59 746	58 989	41 022	43 833
Total commercial insurance	16 103	15 775	10 147	11 940
Workmen's compensation	3 458	3 068	1 899	1 797
Buildings	5 202	5 320	3 814	5 066
Contents (other than stock and machinery)	3 007	2 932	1 602	2 062
Professional liability	2 023	2 061	1 296	1 601
Marine and transport	1 393	1 260	821	705
Aviation	4	3	2	4
Other commercial insurance	1 017	1 131	713	704
Total private insurance	14 635	14 874	11 170	11 72
Householder's comprehensive	4 698	4 843	3 820	3 73
Homeowner's comprehensive	6 437	6 487	4 783	5 514
Weekend cottages	783	800	626	54
Change of ownership insurance	334	355	335	27
Other private insurance	2 383	2 389	1 606	1 67
Total personal accident insurance	10 434	9 870	7 669	7 33
Healt insurance	1 246	1 275	901	92
Single accident and sickness	8 763	8 392	6 454	6 24
Professional disability	424	203	315	16
Total motor vehicle insurance	16 511	16 304	10 739	10 79
Third-party liability	6 234	5 860	4 494	4 494
Vehicle (own damage)	10 277	10 445	6 244	6 302
Credit and suretyship	359	372	289	90
Touristassistance and Legal aid insurance	1 065	1 140	669	71
Total direct business	59 107	58 335	40 682	43 410
Total indirect business	638	653	340	423

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 www.statbank.dk/mpk54

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### Pension funds

	Intersectoral pen	Intersectoral pension funds		Corporate pension funds	
	2012	2013	2012	2013	
Number of members	705 233	739 184	15 494	13 584	
Working members	578 905	600 039	4 312	3 626	
Retired members	105 487	116 882	8 114	7 128	
Retired spouses	12 685	14 105	2 210	2 050	
Children who receive children's pension	8 156	8 158	858	780	
		DKK r	nio		
Current annual pension, total	8 668	8 734	8 893	8 561	
Pension for members	7 834	7 690	7 853	7 494	
Pension for spouses	677	882	1 025	1 053	
Pension for children	157	162	15	14	
Miscellaneous income					
Member contributions	20 071	20 820	677	300	
Of which extraordinary contributions	1 387	1 413	293	35	
Interest income and profits	10 700	12 863	1 730	2 269	
Miscellaneous expenditure <sup>1</sup>					
Pensions	12 570	13 819	1 776	1 670	
Retirement allowances	1 310	1 428			
Assets, total	565 033	585 232	57 381	52 661	
Central government bonds <sup>1</sup>	14 113	15 604	8 139	8 330	
Other bonds <sup>1</sup>	1 948	2 164	14 055	19 578	
Mortgage credit bonds, etc. <sup>1</sup>	83 598	69 468	19 671	11 294	
Cash at bank and in hand	3 358	2 120	1 907	866	
Mortgage credits	14	9	0	0	
Loans with other collateral	55 824	49 534	1	0	
Other assets	406 178	446 333	13 608	12 593	
Premium reserves	387 917	400 683	43 799	38 972	

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 325Denmark's gold and foreign exchange reserve			
End of year	2013	2014	
	DKK billion		
Danmarks Nationalbanks gold stock	13.9	15.7	
Danmarks Nationalbanks foreign assets	443.2	425.7	
Claims on the International Valuta Fund	20.0	19.5	
Other assets	70.1	75.6	
The foreign exchange reserve	547.2	536.5	

Source: Danmarks Nationalbank

Table 326	Money stock		
		2013	2014
		DKK billion	
Money stock		1 024.8	1 081.8
Notes and coins outside the b	anking sector	55.8	56.5
Deposit in banks and savin		969.0	1 025.3
-Demand deposits	-	823.7	884.5
-Agreement deposits <sup>1</sup>		145.3	140.8

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

Source: Danmarks Nationalbank

Table 327	Consumer credit		
End of year		2013	2014
		DKK mio	
Total		21 042	19 842
Balance on credit and account cards		8 614	8 271
Of which, petrol companies		1 410	1 519
Blank credit		8 666	7 659
Secured credit		3 763	3 912

Source: Each individual financing company and credit card company

www.statbank.dk/mpk30

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Table 328	Danish electronic	payment card s	system			
		2002	2007	2012	2013	2014
				thousands		
	Number of cards Transaction	3 290 467 628	3 859 733 230	4 794 975 377	4 921 1 032 171	5 288 1 113 270
				DKK mio. ——		
	Turnover	157 483	266 561	309 876	318 800	333 581

Source: NETS

www.statbank.dk/mpk41

Table 329	Exchange rates		
	Currency	2013	2014
		DKK	
Pound sterling	GBP	878.14	925.11
Bulgarian lev	BGN	381.33	381.16
Lituanian litas	LTL	216.00	215.90
Norwegian krone	NOK	95.69	89.31
Polish zloty	PLN	177.67	178.17
Swiss franc	CHF	605.87	613.78
Swedish krona	SEK	88.24	81.99
Czech koruna	CZK	28.73	27.07
Hungarian forint	HUF	2.51	2.42
EU common currency	EUR	745.80	745.47
US dollars	USD	561.60	561.90
Australian dollars	AUD	543.62	506.81
Brazilian real	BRL	261.32	239.09
Canadian dollars	CAD	545.44	508.83
Hong Kong dollars	HKD	72.40	72.46
Japanese yen	JPY	5.77	5.32
Chinese yuan renminbi	CNV	91.34	91.24
Singapore dollars	SGD	448.85	443.48
Effective rate of DKK 1980 = 100	)	102.39	103.26

Note: The rate is the annual average.

Source: Danmarks Nationalbank

www.statbank.dk/DNVALA