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EUROSYSTEM



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Address:  
Národná banka Slovenska  
Imricha Karvaša 1,  
813 25 Bratislava  
Slovakia

Statistics Department  
Monetary and Financial Statistics Section  
02/5787 2690  
02/5787 2179  
[mbs@nbs.sk](mailto:mbs@nbs.sk)

<http://www.nbs.sk/en/home>  
<http://www.nbs.sk/en/statistics>

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NÁRODNÁ BANKA SLOVENSKA  
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# FOREWORD



## FOREWORD

The *Statistical Bulletin – Monetary and Financial Statistics* is a quarterly publication issued by the Statistics Department of Národná banka Slovenska.

The present issue is based on preliminary data as at March 2017. The publication is based on statistical data which are the main source for compilation of the European Central Bank's euro area statistics, of the International Monetary Fund's and Eurostat's statistics, and for monetary and financial stability analyses at the national level. The last chapter is summarising the methodological notes to the individual areas of statistics under analysis.

Main goal of the Bulletin is to improve the presentation of monthly and quarterly data published on the website of Národná banka Slovenska and to provide users with more comprehensive data on monetary and financial statistics. The Bulletin presents the available aggregated data compiled according to the ECB's methodology and detailed national data

presented in the form of tables, charts and commentaries.

The information published in the Bulletin comprises data that are processed and reported by domestic financial institutions, specifically by banks and branches of foreign banks, collective investment undertakings, securities and derivatives dealers, leasing companies, factoring companies, and consumer credit companies.

The Bulletin is available in electronic form on the NBS website ([www.nbs.sk](http://www.nbs.sk)), in PDF format.

We hope that by processing the data in this way, and with the help of feedback from our readers and data users, we will succeed in providing an overview that is quick and easy to use. Any remarks or suggestions regarding the quality of this publication and how it may be improved can be sent to [mbs@nbs.sk](mailto:mbs@nbs.sk).

Editors of the Monetary  
and Financial Statistics Section



NÁRODNÁ BANKA SLOVENSKA  
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CHAPTER 1

# STRUCTURE OF THE FINANCIAL MARKET IN SLOVAKIA



# 1 STRUCTURE OF THE FINANCIAL MARKET IN SLOVAKIA

## 1.1 OVERVIEW OF PARTICIPANTS

The composition of financial market participants underwent only minor changes in the first quarter of 2017. In subsector S.124, a new investment fund was set up by IAD Investments, správ. spol., a.s., and two existing funds were closed, one by Tatra Asset Management,

správ. spol., a.s., and one by VÚB Asset Management, správ. spol., a.s. The number of banks and foreign bank branches as at 31 March 2017 corresponded to the figure recorded in the third quarter of 2016, following the establishment of a new foreign bank branch, BNP Paribas Personal Finance SA, pobočka zahraničnej banky.

**Table 1 Structure of the financial market in Slovakia**

	III. 2016	VI. 2016	IX. 2016	XII. 2016	III. 2017
<b>Monetary financial institutions (S.121 + S.122 + S.123)</b>	<b>29</b>	<b>29</b>	<b>30</b>	<b>30</b>	<b>30</b>
<b>Central bank (S.121)</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Deposit taking corporations excl. central bank (S.122)</b>	<b>27</b>	<b>27</b>	<b>28</b>	<b>28</b>	<b>28</b>
<i>Banks</i>	10	10	10	10	10
<i>Branches of foreign banks</i>	13	13	14	14	14
<i>Credit cooperatives</i>	1	1	1	1	1
<i>Building societies</i>	3	3	3	3	3
<b>Money market funds (S.123)</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
<b>Investment funds (S.124)</b>	<b>87</b>	<b>88</b>	<b>88</b>	<b>86</b>	<b>85</b>
<i>Equity funds</i>	11	11	11	11	11
<i>Bond funds</i>	22	22	22	22	21
<i>Mixed funds</i>	33	34	36	36	36
<i>Real estate funds</i>	5	5	5	4	5
<i>Other funds</i>	16	16	14	13	12
<b>Other financial intermediaries (S.125)</b>	<b>240</b>	<b>241</b>	<b>238</b>	<b>238</b>	<b>247</b>
<i>Leasing companies (financial leasing)</i>	73	74	73	73	73
<i>Consumer credit companies</i>	153	153	152	152	157
<i>Factoring companies</i>	14	14	13	13	17
<b>Financial auxiliaries (S.126)</b>	<b>32</b>	<b>31</b>	<b>32</b>	<b>32</b>	<b>32</b>
<i>Asset management companies</i>	6	6	6	7	7
<i>Pension savings companies</i>	6	6	6	6	6
<i>Supplementary pension asset management companies</i>	4	4	4	4	4
<i>Securities and derivatives dealers<sup>1)</sup></i>	16	15	16	15	15
<b>Insurance corporations and pension funds (S.128 + S.129)</b>	<b>53</b>	<b>53</b>	<b>53</b>	<b>52</b>	<b>52</b>
<i>Insurance corporations</i>	16	16	16	16	16
<i>Pension funds</i>	37	37	37	36	36

Source: NBS.

1) Securities and derivatives dealers that hold a licence under Act No 566/2001 Coll., except for banks, branches of foreign banks, asset management companies, and branches of foreign asset management companies; and that according to its licence make business on their own account.



**Table 2 Total assets of individual sectors of the financial market in Slovakia (EUR millions)**

	III. 2016	VI. 2016	IX. 2016	XII. 2016	III. 2017
<b>Monetary financial institutions (S.121 + S.122)</b>	<b>88,929</b>	<b>91,160</b>	<b>93,945</b>	<b>96,183</b>	<b>96,888</b>
Central bank (S.121)	18,671	20,436	21,962	23,076	24,173
Deposit taking corporations excl. the central bank (S.122)	70,258	70,724	71,983	73,107	72,715
<b>Money market funds (S.123)</b>	<b>54</b>	<b>46</b>	<b>38</b>	<b>35</b>	<b>34</b>
<b>Investment funds (S.124)</b>	<b>5,657</b>	<b>5,660</b>	<b>5,802</b>	<b>5,954</b>	<b>6,091</b>
<b>Other financial intermediaries (S.125)</b>	<b>6,257</b>	<b>6,471</b>	<b>6,229</b>	<b>6,227</b>	<b>6,544</b>
Leasing companies (financial leasing)	4,089	4,248	4,143	4,209	4,277
Consumer credit companies	2,055	2,128	2,003	1,929	2,035
Factoring companies	113	95	83	89	232
<b>Financial auxiliaries (S.126)</b>	<b>304</b>	<b>257</b>	<b>268</b>	<b>270</b>	<b>281</b>
<b>Insurance corporations and pension funds (S.128 + S.129)</b>	<b>14,797</b>	<b>15,251</b>	<b>15,209</b>	<b>15,426</b>	<b>15,725</b>
Insurance corporations <sup>1)</sup>	6,686	6,954	6,673	6,726	6,791
Pension funds	8,111	8,297	8,536	8,700	8,934

Source: NBS.

1) The Slovak Insurer's Bureau was established under Act No. 381/2001 on compulsory motor third party liability insurance (and amending certain laws).

## 1.2 EMPLOYEES IN THE BANKING SECTOR

The number of employees in the banking sector dropped considerably in the first quarter of 2017, for the first time since the summer of 2014. Compared to the figure recorded at the end of 2016 (20,863), the number of bank employees in the quarter under review was lower by 474 or 2.3%, totalling 20,389. This decrease took place mostly in two institutions: in a bank that had cut its staff owing to a change in its ownership structure and in a foreign bank branch that had sold off part of a subsidiary. In year-on-year terms, however, the number of people em-

ployed in the banking sector increased by 350 or 1.7%, from 20,039 at 31 March 2016 to 20,389 at 31 March 2017.

The employment growth in the banking sector in the long term was influenced by a variety of factors, the most significant being the entry of a new foreign bank into the market on 1 July 2016. It should also be noted that employment at the central bank, Národná banka Slovenska (NBS), was unusually extended, owing mainly to recruitment at the Financial Consumer Protection Department (following the Slovak Government's approval of a Financial Consumer Protection Plan that among other things required the

**Table 3 Number of employees in the banking sector**

	2015				2016				2017
	31.3.	30.6.	30.9.	31.12.	31.3.	30.6.	30.9.	31.12.	31.3.
<b>Banking sector</b>	<b>19,752</b>	<b>19,805</b>	<b>19,931</b>	<b>19,953</b>	<b>20,039</b>	<b>20,532</b>	<b>20,791</b>	<b>20,863</b>	<b>20,389</b>
Central bank	1,034	1,049	1,056	1,053	1,055	1,063	1,072	1,075	1,094
<b>Banks and branches of foreign banks</b>	<b>18,718</b>	<b>18,756</b>	<b>18,875</b>	<b>18,900</b>	<b>18,984</b>	<b>19,469</b>	<b>19,719</b>	<b>19,788</b>	<b>19,295</b>
of which: Banks	16,907	16,894	16,960	16,973	17,011	17,470	17,470	17,538	17,474
Branches of foreign banks	1,811	1,862	1,915	1,927	1,973	1,999	2,249	2,250	1,821

Source: NBS.



establishment of a single contact point for customer of all financial institutions).

### 1.3 STRUCTURE OF SHARE CAPITAL IN THE BANKING SECTOR

The ratio of domestic share capital to total subscribed capital in the banking sector fell in the quarter under review only slightly in year-on-year terms, from 5.96% at 31 March 2016 to 5.66% at 31 March 2017.

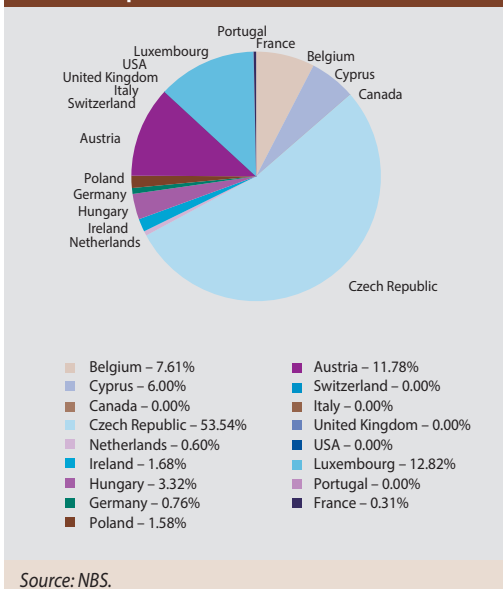
Of the 28 credit institutions operating in Slovakia, domestic share capital was part of the subscribed capital of nine domestic credit institutions, with two banks (*ČSOB stavebná sporiteľňa, a.s.*, and *Slovenská záručná a rozvojová banka, a.s.*) having a 100% share of domestic capital.

By contrast, the ratio of foreign share capital to total subscribed capital in domestic banks rose in year-on-year terms, from 94.04% at 31 March 2016 to 94.34% at 31 March 2017.

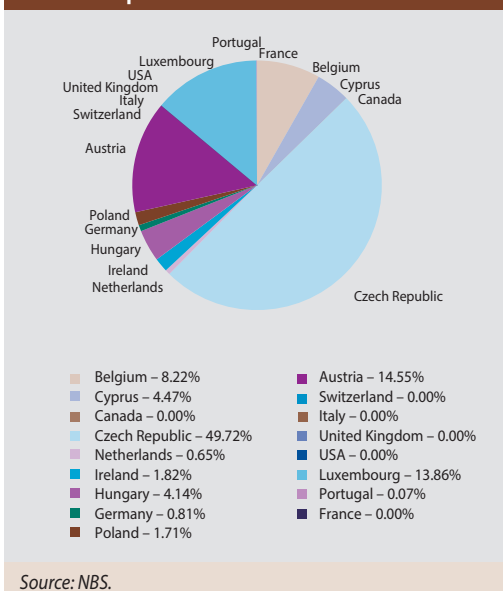
During the same period, the volume of foreign share capital increased in absolute terms by €242.7 million (in relative terms by 8.04%).


This growth was accounted for largely by foreign capital from the Czech Republic and Cyprus. Czech-held capital of Slovak banks increased from 49.72% of the total as at 31 March 2016 to 53.54% as at 31 March 2017 (or by €245.2 million in absolute terms), while Cypriot-held capital increased from 4.47% to 6.0% (or by €60.6 million). The growth in Czech and Cypriot holdings in domestic banks reflected capital injections into, respectively, *Komerční banka, a.s.*, and *Sberbank Slovensko, a.s.*

**Chart 1 Foreign capital in the banks in the Slovak Republic as at 31.03.2017**



**Chart 2 Foreign capital in the banks in the Slovak Republic as at 31.03.2016**





# STATISTICS OF OTHER MONETARY FINANCIAL INSTITUTIONS

## 2 STATISTICS OF OTHER MONETARY FINANCIAL INSTITUTIONS

### 2.1 BALANCE-SHEET STATISTICS OF CREDIT INSTITUTIONS: ASSETS

The aggregate assets of banks and foreign bank branches operating in Slovakia, excluding NBS (hereinafter 'credit institutions') amounted to €74.5 billion at the end of the first quarter of 2017, which in year-on-year terms represented an increase of 6% (€4.3 billion) that stemmed mainly from an increase in the outstanding amount of credit claims.

Credit institutions' credit claims constituted 78.6% of their aggregate assets at 31 March 2017, which in year-on-year terms represented an increase of 2.6 percentage points and reflected an absolute increase of 9.7% (€5.2 billion). The outstanding amount of credit claims with a maturity of over five years increased the most, by €4.1 billion, followed by those with a maturity of up to one year (by almost €0.2 billion) and those with a maturity of between one and five years (by €0.9 billion).

Credit institutions' holdings of securities other than equity and investment fund shares/units constituted 15.9% of their total assets at the end of the first quarter of 2017, which in year-on-year terms represented a decline of 2.3 percentage points and reflected an absolute decrease of 7.2% (€0.92 billion). That drop stemmed mainly from a decline of €1.1 billion in the stock of securities with a maturity of over two years.

Credit institutions' holdings of shares and other equity participations constituted 0.8% of their total assets as at 31 March 2017, which in year-on-year terms represented a slight decline and reflected an absolute decrease of 13.84% (€0.1 billion).

Credit institutions' other assets (including fixed assets) constituted 3.7% of their total assets as at 31 March 2017, which in year-on-year terms represented a modest increase of 0.02 percentage point and an absolute increase of 6.7% (€0.2 billion).

Chart 3 Structure of assets of credit institutions as at 31 March 2016

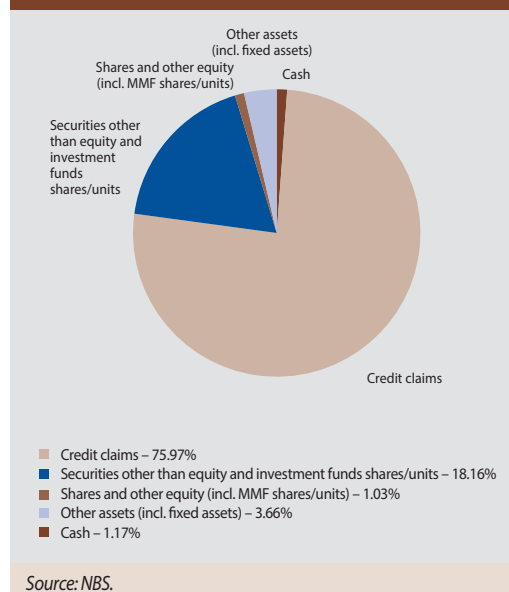


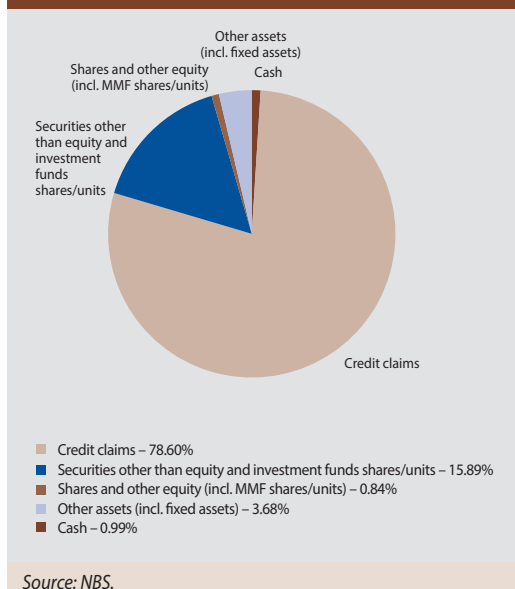
Table 4 Structure of assets of credit institutions in Slovakia (EUR thousands)

	III. 2016	VI. 2016	IX. 2016	XII. 2016	III. 2017
<b>ASSETS</b>	<b>70,258,818</b>	<b>70,724,018</b>	<b>71,983,677</b>	<b>73,109,939</b>	<b>74,512,959</b>
Cash	823,610	762,301	751,241	856,111	734,365
Credit claims	53,379,051	53,590,742	54,724,212	56,429,602	58,570,148
Securities other than equity and investment funds shares/units	12,758,249	13,118,790	13,192,276	12,611,036	11,838,586
Shares and other equity (incl. MMF shares/units)	725,376	669,492	659,908	621,580	625,014
Other assets (incl. fixed assets)	2,572,532	2,582,693	2,656,040	2,591,610	2,744,846

Source: NBS.

1) Credit claims – including bank's deposits with other entities and non-tradable securities.

2) Assets excluding depreciation and including provisions.

**Chart 4 Structure of assets of credit institutions as at 31 March 2017**


by 0.6 percentage point as a share of their total liabilities. Their stock increased year on year by 6.9% (or €3.7 billion) owing mainly to an increase in the stock of loans and deposits with a maturity of up to one year.

Credit institutions' capital and provisions constituted 13.1% of their total liabilities as at 31 March 2017, which corresponded to the figure recorded a year earlier and reflected a moderate absolute increase of €0.5 billion.

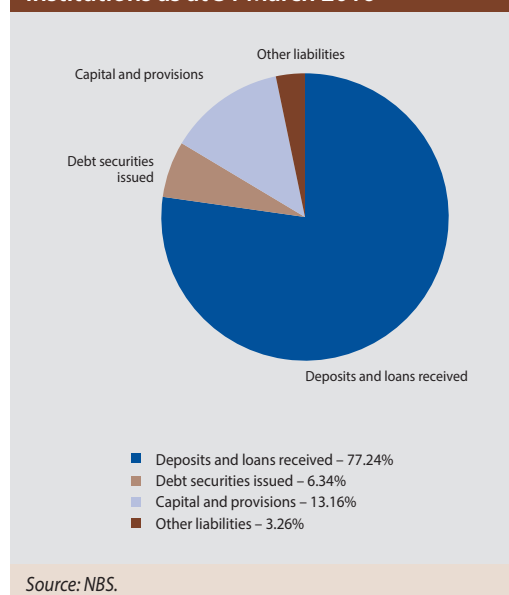
Credit institutions' issuance of debt securities constituted 6.5% of their total liabilities as at 31 March 2017, which in year-on-year terms represented an increase of 0.17 percentage point. The stock of these securities amounted to €4.9 billion, representing a year-on-year increase of 9% (€0.4 billion) that stemmed

Credit institutions' cash holdings constituted 1% of their aggregate assets as at 31 March 2017, which in year-on-year terms represented a slight decline and reflected an absolute decrease of 10.8% (€0.9 billion).

## 2.2 BALANCE-SHEET STATISTICS OF CREDIT INSTITUTIONS: LIABILITIES

Credit institutions' total liabilities amounted to €74.5 billion at the end of the first quarter of 2017, which in year-on-year terms was higher by 6% (or €4.3 billion) owing mainly to an increase in the stock of loans and deposits received.

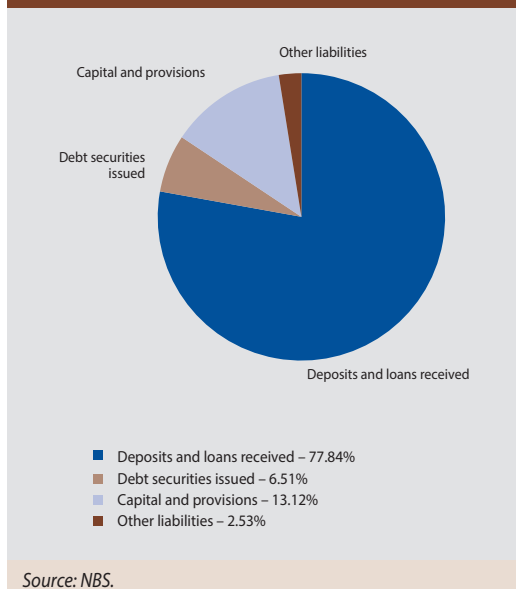
Credit institutions' largest liability item – loans and deposits received – increased year on year

**Chart 5 Structure of liabilities of credit institutions as at 31 March 2016**

**Table 5 Structure of liabilities of credit institutions in Slovakia (EUR thousands)**

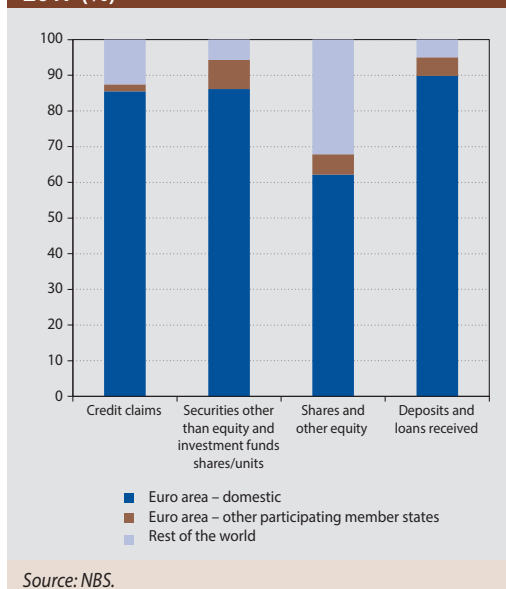
	III. 2016	VI. 2016	IX. 2016	XII. 2016	III. 2017
<b>LIABILITIES</b>	<b>70,258,818</b>	<b>70,724,018</b>	<b>71,983,677</b>	<b>73,109,939</b>	<b>74,512,959</b>
Deposits and loans received	54,270,483	54,933,896	56,162,680	57,096,555	57,997,978
Debt securities issued	4,452,049	4,599,044	4,515,004	4,606,968	4,851,572
Capital and provisions	9,243,671	9,032,034	9,339,650	9,659,582	9,779,325
Other liabilities	2,292,615	2,159,044	1,966,343	1,746,834	1,884,084

Source: NBS.

**Chart 6 Structure of liabilities of credit institutions as at 31 March 2017**



**Chart 7 Selected assets/liabilities: breakdown of counterparties by residency as at 31 March 2017 (%)**



mainly from an increase in debt securities with a maturity of over two years.

Credit institutions' other liabilities constituted 2.5% of their total liabilities as at 31 March 2017, which in year-on-year terms represented a decrease of 17.8% (€0.4 billion).

### 2.3 SELECTED ASSET AND LIABILITIES ITEMS BY RESIDENCY OF COUNTERPARTY

Credit institutions' total credit claims amounted to €58.6 billion at the end of the first quarter of 2017, of which 85.5% (€50 billion) were claims on domestic entities, 2% (€1.2 billion) on entities in other euro area countries, and 12.5% (€7.3 billion) on entities in the rest of the world.

Credit institutions' total holdings of securities other than equity and investment fund shares/units amounted to €11.8 billion at 31 March 2017, of which 86.1% (€10.2 billion) were issued by domestic issuers, 8.2% (€1 billion) by issuers from other euro area countries, and 5.7% (€0.7 billion) by issuers from the rest of the world.

Credit institutions' total holdings of shares and other equity participations amounted to €0.63 billion, of which 62.2% (€0.4 billion) were domestic securities and participations, 5.7% were equity securities issued by issuers from other euro area countries, and 32.1% were equity securities from the rest of the world.

Loans and deposits received by credit institutions amounted to €58 billion at 31 March 2017, of which 89.8% (52 billion) were received from domestic entities, 5.2% (€3 billion) from entities in other euro area countries, and 5% (€2.9 billion) from the rest of the world.

### 2.4 SELECTED ASSET AND LIABILITY ITEMS BY SECTOR OF COUNTERPARTY

Credit institutions' aggregate **domestic credit claims** amounted to €50 billion at the end of the first quarter of 2017, of which 96.2% (€48.2 billion) were claims on other sectors i.e. sectors other than monetary financial institutions and general government (mainly non-profit institutions serving households



and non-financial corporations). Claims on domestic MFIs accounted for 2.1% (€1.1 billion) and claims on the general government sector represented 1.7% (€0.8 billion).

Credit institutions' total holdings of domestic securities other than equity and investment fund shares/units amounted to €10.2 billion at the end of the quarter under review, of which 88.5% (€9 billion) were issued by general government, 8.4% by domestic MFIs, and 3.1% by other domestic sectors.

Credit institutions' total holdings of domestic shares and other equity participations (including investment fund shares/units) amounted to approximately €0.4 billion at 31 March 2017, of which 9% were equity securities issued by domestic MFIs and 91% were securities issued by other sectors.

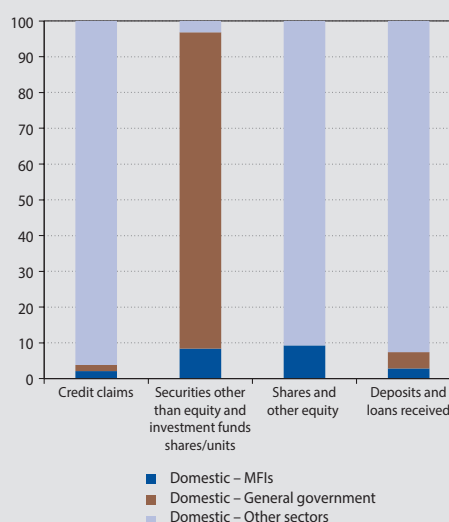
The total stock of loans and deposits received by credit institutions amounted to €52 billion at 31 March 2017, of which 4.6% were received from domestic general government, 2.8% from domestic MFIs, and the vast majority, 92.6%, from other sectors, mostly households.

Credit institutions' total claims on residents of **other euro area countries** amounted to €1.2 billion at 31 March 2017, of which 69% (€0.8 billion) were claims on sectors other than the general government and MFI sectors and 31% were on the MFI sector.

Credit institutions' total holdings of securities issued by issuers from other euro area countries, excluding equity and investment fund shares/units, amounted to €0.97 billion at 31 March 2017, of which 82% (€0.79 billion) was issued by general government, 8.7% (€0.08 billion) by MFIs, and 9.3% by other sectors.

Credit institutions' total holdings of shares and other equity issued by issuers from other

**Chart 8 Selected assets/liabilities: breakdown of domestic counterparties by sector as at 31 March 2017 (%)**



Source: NBS.

1) Monetary financial institutions – MFIs (S.121 + S.122 + S.123).

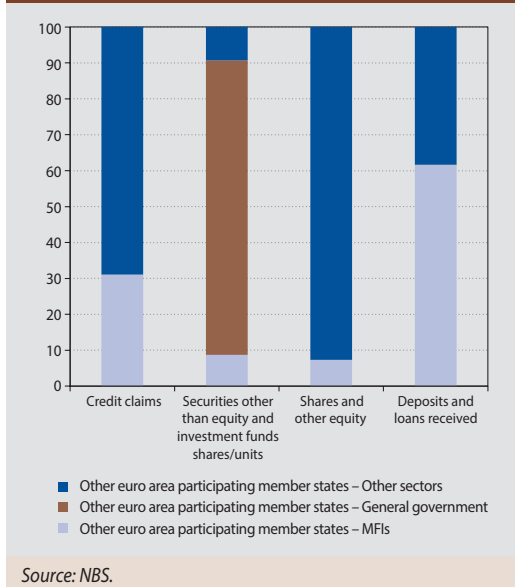
2) Other sectors = Investment funds other than money market funds (S.124) + Other financial corporations (S.125+S.126+S.127) + Insurance corporations (S.128) + Pension funds (S.129) + Non-financial corporations (S.11) + Households and Non-profit institutions serving households (S.14 and S.15).

euro area countries amounted to €0.04 billion at 31 March 2017, of which 92.7% were equity securities issued by sectors other than the general government and MFI sectors and 7.3% were equity securities issued by MFIs.

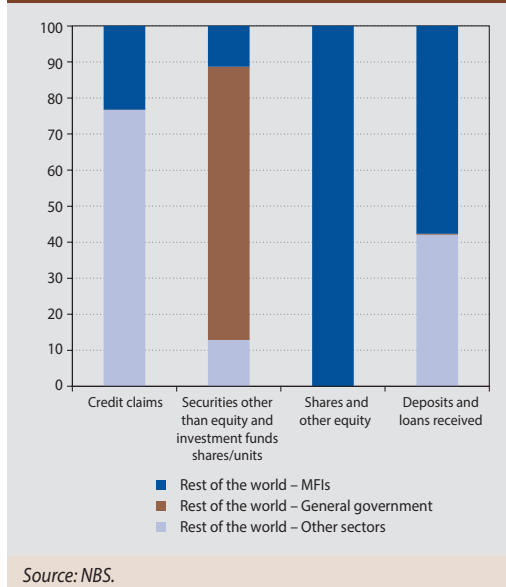
Loans and deposits received by credit institutions from residents of other euro area countries amounted to €3 billion at 31 March 2017, of which 61.7% (€1.9 billion) were loans and deposits received from MFIs and 38.3% (€1.2 billion) were deposits received from other sectors.

Credit institutions' total claims on the **rest of the world** amounted to €7.3 billion at 31 March

**Chart 9 Selected assets/liabilities: breakdown of counterparties from other euro area member states by sector as at 31 March 2017 (%)**



**Chart 10 Selected assets/liabilities: breakdown of counterparties from the rest of the world by sector as at 31 March 2017 (%)**



2017, of which 76.7% (€5.6 billion) were claims on MFIs and 23.3% (€1.7 billion) were claims on other sectors.

Credit institutions' holdings of securities other than shares and investment fund shares/units issued by issuers from the rest of the world amounted to €0.7 billion at 31 March 2017, of which 75.8% (€0.5 billion) were issued by general government, 12.9% by MFIs, and 11.3% by issuers from other sectors.

Credit institutions' holdings of shares and other equity issued by issuers from the rest of the world amounted to €0.2 billion at 31 March 2017, of which €0.2 billion were issued by sectors other than the MFI and general government sectors.

Loans and deposits received by credit institutions amounted to €2.9 billion at 31 March 2017, of which 57.7% (€1.7 billion) were received from sectors other than the MFI and general government sectors, 42.1% (€1.2 billion) from MFIs, and a negligible amount from the general government sector.

## 2.5 ASSETS AND LIABILITIES OF CREDIT INSTITUTIONS: YEAR-ON-YEAR CHANGES

The total **assets of credit institutions** showed a year-on-year increase at the end of each quarter in the period from 31 March 2016 to 31 March 2017, the largest being an increase of 8.1% (€5.3 billion) at the end of the first quarter of 2016.

Credit institutions' total credit claims recorded their most pronounced year-on-year change of 2016 at the end of the first quarter, i.e. an increase of 12.5% (€5.9 billion). Of that increase, claims with a maturity of over five years accounted for €3.4 billion and claims with shorter maturities for €2.4 billion.

Credit institutions' total holdings of securities other than equity and investment fund shares/units recorded their most pronounced year-on-year change at the end of the first quarter of 2017, i.e. a decline of 7.2% or €0.9 billion compared with the same period a year earlier.



**Table 6 Year-on-year percentage changes in assets of credit institutions in Slovakia**

	III. 2016	VI. 2016	IX. 2016	XII. 2016	III. 2017
<b>ASSETS</b>	<b>8.12</b>	<b>7.56</b>	<b>6.82</b>	<b>5.89</b>	<b>6.05</b>
<b>Cash</b>	<b>8.44</b>	<b>-3.72</b>	<b>-4.29</b>	<b>-6.18</b>	<b>-10.84</b>
<b>Credit claims</b>	<b>12.51</b>	<b>11.48</b>	<b>9.96</b>	<b>9.56</b>	<b>9.72</b>
Credit claims – up to 1 year	19.57	16.10	3.08	1.48	1.28
Credit claims – over 1 and up to 5 years	3.08	-1.25	10.93	16.23	14.77
Credit claims – over 5 years	11.42	12.11	12.60	11.74	12.52
<b>Securities other than equity and investment funds shares/units</b>	<b>-4.08</b>	<b>-4.26</b>	<b>-2.74</b>	<b>-5.48</b>	<b>-7.21</b>
Securities other than equity and investment funds shares/units up to 1 year	41.59	-13.85	-9.91	65.50	110.10
Securities other than equity and investment funds shares/units over 1 and up to 2 years	-53.60	-74.64	-57.32	4.78	-6.55
Securities other than equity and investment funds shares/units over 2 years	-4.45	-4.01	-2.58	-6.05	-9.06
<b>Shares and other equity</b>	<b>18.10</b>	<b>8.67</b>	<b>6.57</b>	<b>-13.11</b>	<b>-13.84</b>
<b>Other assets</b>	<b>-10.21</b>	<b>0.34</b>	<b>0.14</b>	<b>0.88</b>	<b>6.70</b>

Source: NBS.

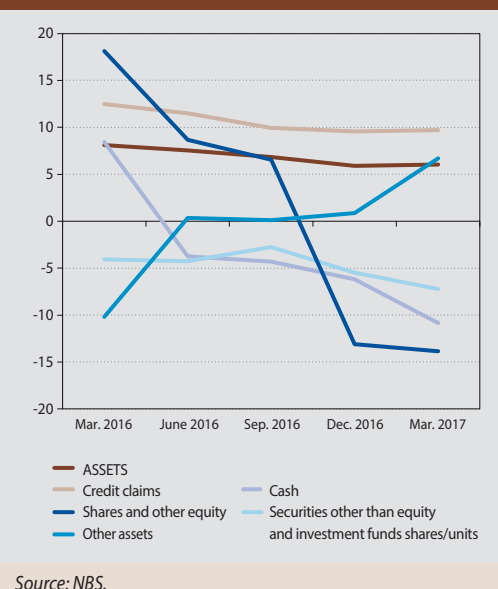
Credit institutions' total holdings of shares and other equity participations (including investment fund shares/units) were relatively low at the end of each quarter under review, recording their highest level (€0.725 billion) and largest year-on-year change (an increase of 18.1% or €0.11 billion) at the end of the first quarter of 2016.

Credit institutions' other assets (including fixed assets) recorded their largest year-on-year change at the end of the first quarter of 2016, with a year-on-year decline of 10.2% (€0.29 billion).

Credit institutions' total cash holdings recorded their largest year-on-year percentage change (a decrease of 10.8%) and largest absolute change (a decrease of €0.09 billion) at the end of the first quarter of 2017.

The total **liabilities of credit institutions** showed a year-on-year increase at the end of each quarter in the period from 31 March 2016 to 31 March 2017, the largest being an increase of 8.1% (€5.3 billion) at the end of the first quarter of 2016.

That change reflected mainly a year-on-year increase of 9.7% (€4.8 billion) in the stock of loans and deposits received by credit institutions, in-

**Chart 11 Year-on-year percentage changes in assets of credit institutions**

Source: NBS.

cluding an increase of €4.4 billion in loans and deposits with a maturity of up to one year and an increase of €0.4 billion in those with a maturity of over one year.

Credit institutions' total debt securities also recorded their largest year-on-year change of 2016

**Table 7 Year-on-year percentage changes in liabilities of credit institutions in Slovakia**

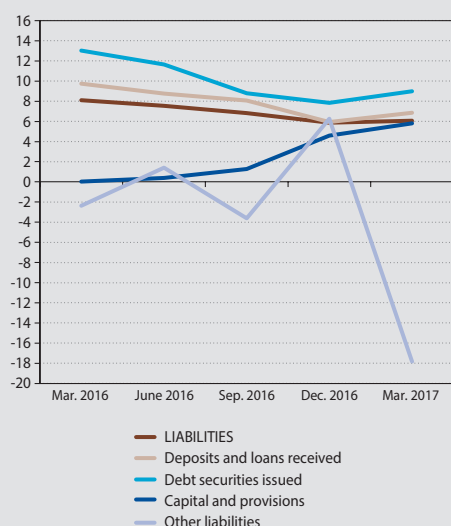
	III. 2016	IV. 2016	IX. 2016	XII. 2016	III. 2017
<b>LIABILITIES</b>	<b>8.12</b>	<b>7.56</b>	<b>6.82</b>	<b>5.89</b>	<b>6.05</b>
<b>Deposits and loans received</b>	<b>9.73</b>	<b>8.75</b>	<b>8.06</b>	<b>5.94</b>	<b>6.87</b>
Deposits and loans received up to 1 year	11.14	9.96	9.73	7.12	7.63
Deposits and loans received over 1 year	4.20	3.89	1.31	0.99	3.68
<b>Debt securities issued</b>	<b>13.03</b>	<b>11.66</b>	<b>8.78</b>	<b>7.84</b>	<b>8.97</b>
Debt securities issued up to 1 year	650.54	611.75	521.96	-3.41	-8.40
Debt securities issued over 1 and up to 2 years	104.07	65.18	53.49	47.29	-14.45
Debt securities issued over 2 years	9.69	8.38	5.75	7.57	9.89
<b>Capital and provisions</b>	<b>0.03</b>	<b>0.39</b>	<b>1.27</b>	<b>4.58</b>	<b>5.79</b>
<b>Other liabilities</b>	<b>-2.36</b>	<b>1.41</b>	<b>-3.62</b>	<b>6.28</b>	<b>-17.82</b>

Source: NBS.

at the end of the first quarter, with an increase of 13% (€0.5 billion) that stemmed mainly from an increase in the amount of securities with a maturity of over two years.

Credit institutions' total of capital and provisions recorded its most pronounced year-on-year change at the end of the first quarter of 2017, with an increase of 5.8% (€0.5 billion).

Credit institution's other liabilities recorded their largest year-on-year change of 2017 at the end of the first quarter, with a decline of €0.4 billion.

**Chart 12 Year-on-year percentage changes in liabilities of credit institutions**


Source: NBS.

## 2.6 PROFIT/LOSS ANALYSIS FOR CREDIT INSTITUTIONS

### 2.6.1 CURRENT PERIOD PROFIT/LOSS IN THE FIRST QUARTER OF 2017

According to the currently available data, the banking sector's cumulative profit as at 31 March 2017 amounted to €165 million, representing a year-on-year increase of 21% and the third highest quarterly profit since 2009.

Almost the only income items that contributed positively to the sector's net profit growth in the first quarter of 2017 were income from securities transactions and income from fees and commissions. Net interest income made a negative contribution of 12.6 percentage points. The contribution of dividend income was slightly negative, too.

The year-on-year decline in net cumulative interest income observed since the second quarter of 2015 has continued into 2017. That trend was caused mainly by decreases in interest income from securities and in other interest income. The continuing downward trends in interest expenses on securities and in other interest expenses were not sufficient to offset the declines in the corresponding income items.

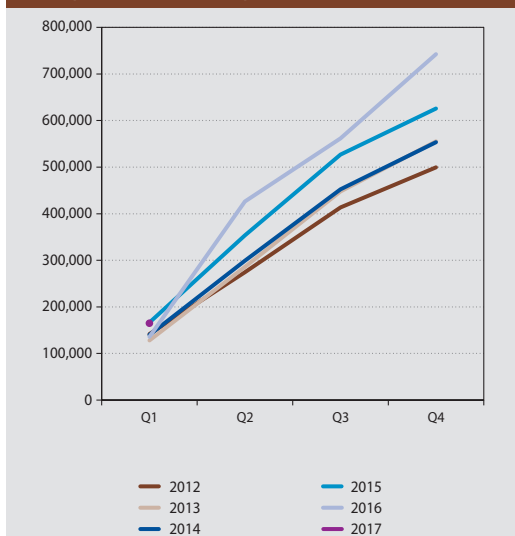
General operating expenses increased in the first quarter of 2017 and had a negative impact on the banking sector's net profit growth (amounting to 4.7 percentage points). The year-on-year difference in the net creation of reserves and



provisions diminished to roughly 25% of the figure recorded a year earlier (but remained negative), and its impact on the sector's net profit amounted to almost 28 percentage points.

Aggregate loan-loss provisions as at 31 March 2017 were 6.5% higher, year on year, while the stock of provisioned customer loans had increased by 12%. Euro-denominated claims constituted more than 98% of all credit claims, and euro-denominated claims on euro area residents made up slightly less than 95%.

**Chart 13 Cumulative current period profit/loss (EUR thousands)**



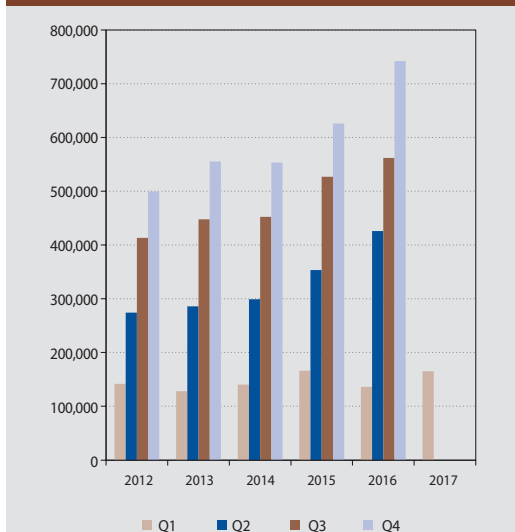
Source: NBS.

The aggregate loan-loss provision ratio in the banking sector was 3.41% at 31 March 2017, maintaining the moderate downward trend it had followed since its historical high in 2010.

Provisioning expenses as at 31 March 2017 were higher, year on year, by almost 13%, while income from the reversal of provisions had increased by 8.7%.

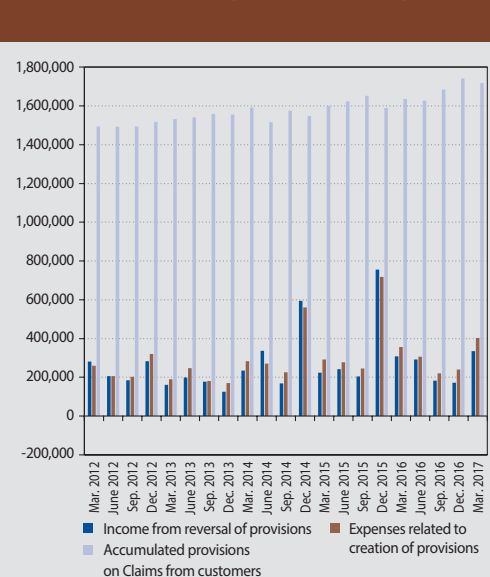
Expenses related to assignments of claims on non-bank customers exceeded income from such assignments by almost €6.4 million at the end of the quarter under review. On the other hand, the write-off of claims on customers resulted in a net profit of €37.9 million.

**Chart 14 Cumulative current period profit/loss (EUR thousands)**



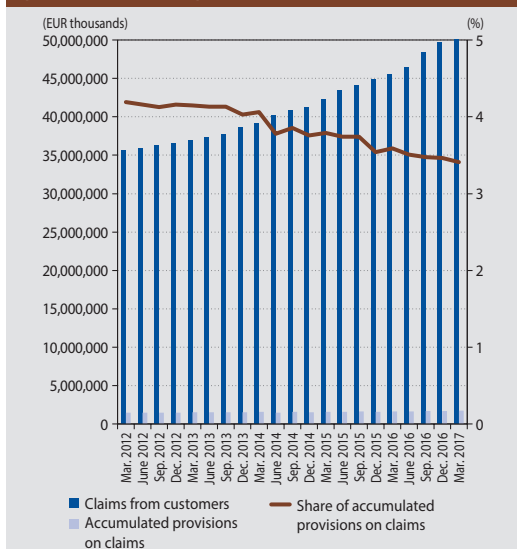
Source: NBS.

**Chart 15 Provisions (EUR thousands)**



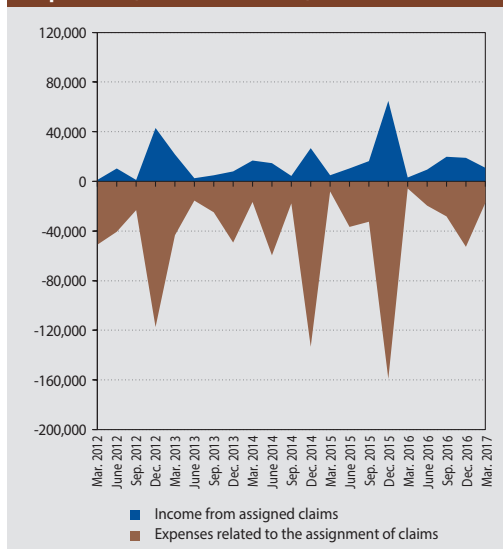
Source: NBS.

**Chart 16 Claims on non-bank customers (EUR thousands)**



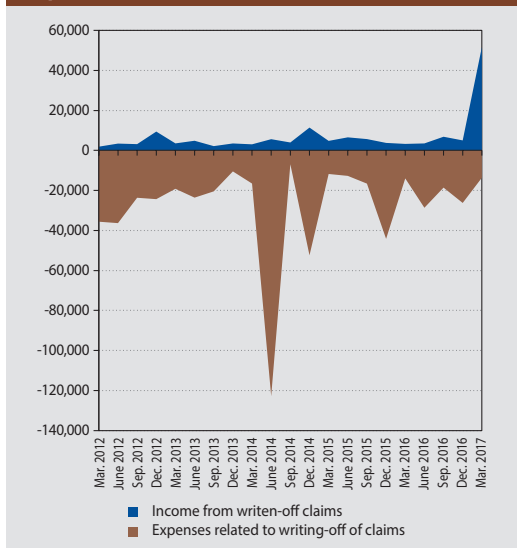
Source: NBS.

**Chart 18 Assigned claims: income and expenses (EUR thousands)**



Source: NBS.

**Chart 17 Written-off claims: income and expenses (EUR thousands)**



Source: NBS.

## 2.6.2 SELECTED INCOME / EXPENSE ITEMS AS REFLECTED IN PROFITS / LOSSES

Selected income and expense items related to the main activities of credit institutions are compared in this chapter with the profit or loss made.

In the first quarter of 2017, according to available data, aggregate interest income from securities continued to fall, year on year, by almost 17%, and for the year as a whole it dropped by 10.1%. Interest expenses on securities decreased, year on year, by 18% in the quarter under review. They had previously declined also in 2016 and 2015, by 1.2% and 21%, respectively.

Other interest income declined in the first quarter of 2017, by 5.7% year on year, thus continuing a negative trend that began in the first quarter of 2015. For comparison, other interest income showed a year-on-year increase at the end of each quarter of 2014.

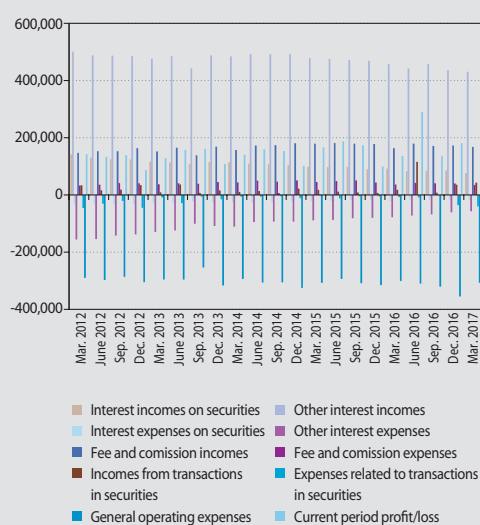
One of the main contributors to the banking sector's net profit growth in the first quarter of 2017 was income from transactions in securities, which increased by 137% year on year and contributed 18.4 percentage points to the net profit growth.

Income from fees and commission continued to fall in the quarter under review, following the downward trend that began in the last quarter of 2015.

General operating expenses rose slightly in the first quarter of 2017, by 2.15% year on year.

The banking sector's aggregate net profit for the first quarter of 2017 was 21.2% higher than the figure for the same period of 2016, at almost €165 million.

**Chart 19 Selected incomes and expenses compared with current period profit/loss (EUR thousands)**



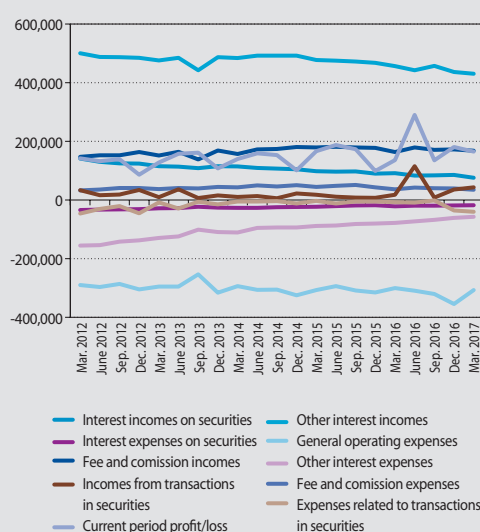
Source: NBS.

## 2.7 LENDING TO NON-FINANCIAL CORPORATIONS AND HOUSEHOLDS

### 2.7.1 LOANS TO NON-FINANCIAL CORPORATIONS BY MATURITY

Loans to non-financial corporations (NFCs) increased over the first three months of 2017 by 7.4% year on year. The most rapid growth was recorded in long-term loans with a maturity of over one year and up to five years (11.7% year on year). Short-term loans increased by only 1.6% year on year. The pace of growth in long-term loans with a maturity of over five years accelerated by 2.8 percentage points, from 7.1% at 31 December 2016 to 9.9% at 31 March 2017.

**Chart 20 Selected incomes and expenses compared with current period profit/loss (EUR thousands)**



Source: NBS.

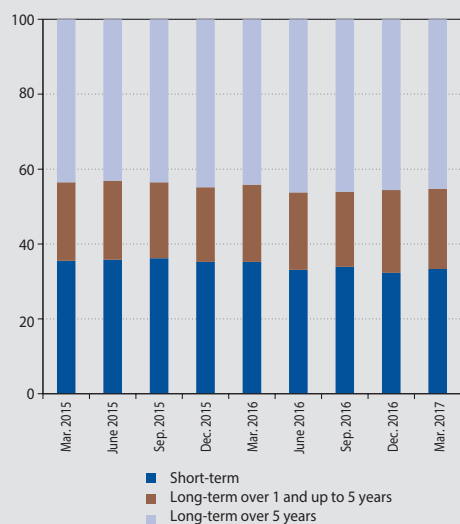
**Chart 21 NFC loans broken down by maturity (year-on-year percentage changes)**



Source: NBS.

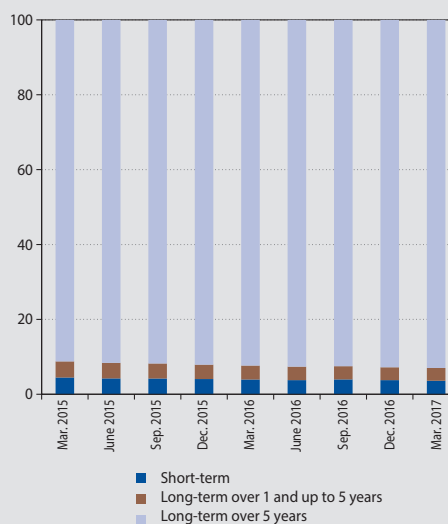


**Chart 22 NFC loans broken down by maturity (percentage share)**



Source: NBS.

**Chart 24 Household loans broken down by maturity (percentage share)**



Source: NBS.

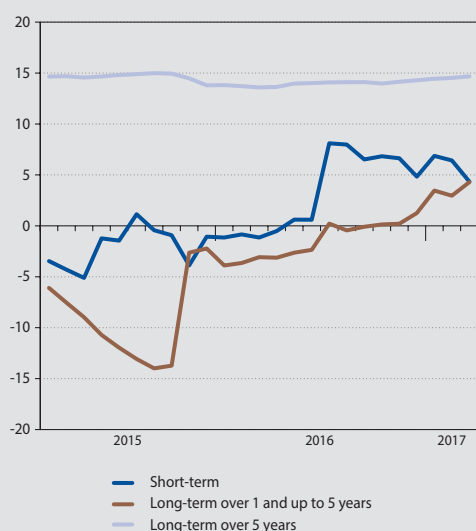
### 2.7.2 LOANS TO HOUSEHOLDS BY MATURITY

As regards aggregate loans to households, their outstanding amount continued to increase in the quarter under review. The pace of growth accelerated to 13.9% at 31 March 2017, from 12.2% at 31 March 2016. Short-term loans and long-term loans with a maturity of over one year and up to five years grew at the same pace as a year earlier (4.3%).

### 2.7.3 LOANS TO NON-FINANCIAL CORPORATIONS BY TYPE OF LOAN

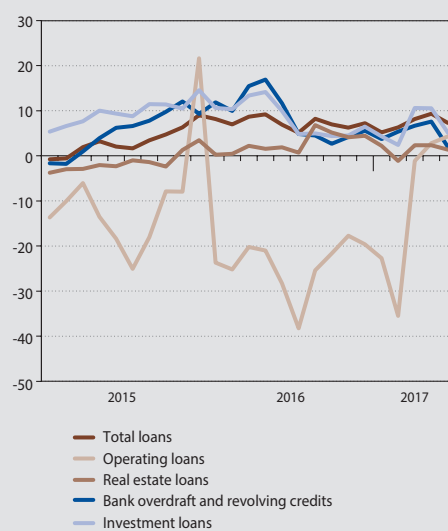
Loans to NFCs increased during the first quarter of 2017 by 7.4% year on year. The most significant change occurred in operating loans, which increased in February and March 2017 by 2.8% and 4.3% respectively, following a period of steady decline starting in September 2014. The pace of growth in bank overdrafts and revolving

**Chart 23 Loans to households by maturity (year-on-year percentage changes)**



Source: NBS.

**Chart 25 NFC loans broken down by type of loan (year-on-year percentage changes)**



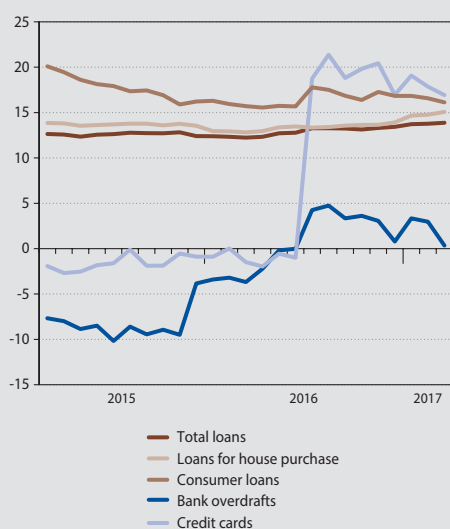
Source: NBS.

ing credits slowed down quite markedly, from 15.5% at 31 March 2016 to 2.0% at 31 March 2017, representing the lowest growth rate since May 2015. For real estate loans, the annual growth rate at 31 March 2017 was 5.1%. For investment loans to NFCs, the annual growth rate slowed from 13.4% at 31 March 2016 to 5.1% at 31 March 2017.

#### 2.7.4 LOANS TO HOUSEHOLDS BY TYPE OF LOAN

Loans provided to households recorded a year-on-year increase of 13.9% in their stock at the end of the first quarter of 2017. Credit card loans increased in that period by 16.9%, continuing the upward trend that began in July 2016. For overdrafts on household current accounts, the year-on-year growth rate at end-March 2017 was 0.3%. Consumer loans and housing loans increased year on-year by 16.1% and 15.1% respectively.

**Chart 26 Household loans broken down by type of loan (year-on-year percentage changes)**

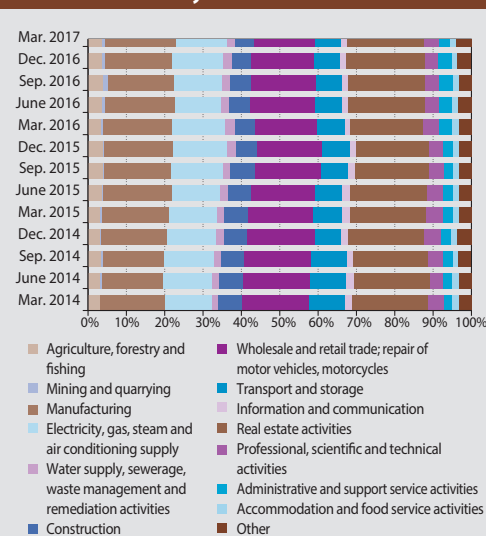


Source: NBS.

#### 2.7.5 LOANS TO NON-FINANCIAL CORPORATIONS BY SECTOR OF ECONOMIC ACTIVITY

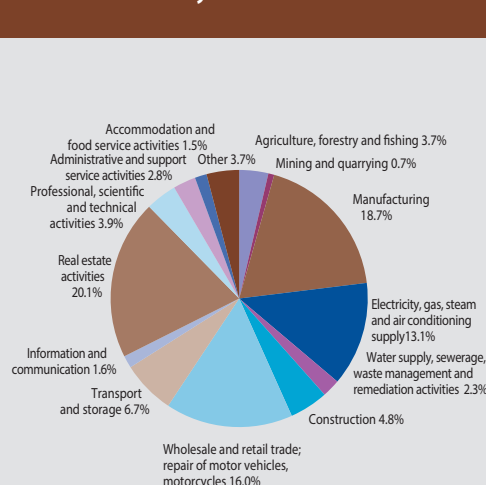
In the breakdown of NFC loans by sector as at 31 March 2017, loans provided to the real estate sector accounted for 20.1%, loans to the manu-

**Chart 27 NFC loans broken down by economic activity**



Source: NBS.

**Chart 28 NFC loans broken down by economic activity as at 31 March 2017**



Source: NBS.

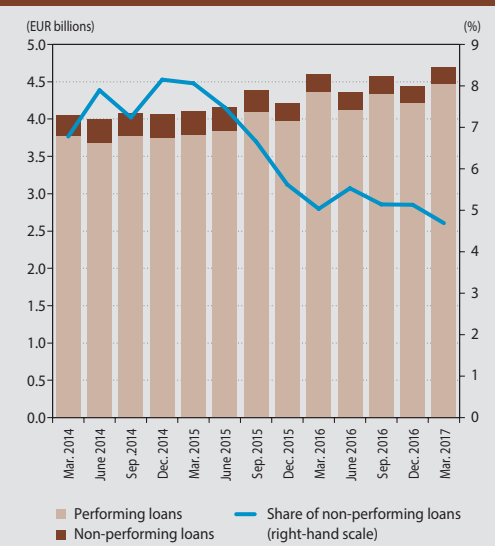


facturing sector for 18.7%, and loans to the sector comprising wholesale trade, retail trade, and the repair of motor vehicles and motorcycles for 16.0%.

### 2.7.6 NON-PERFORMING LOANS IN THE NON-FINANCIAL CORPORATIONS SECTOR

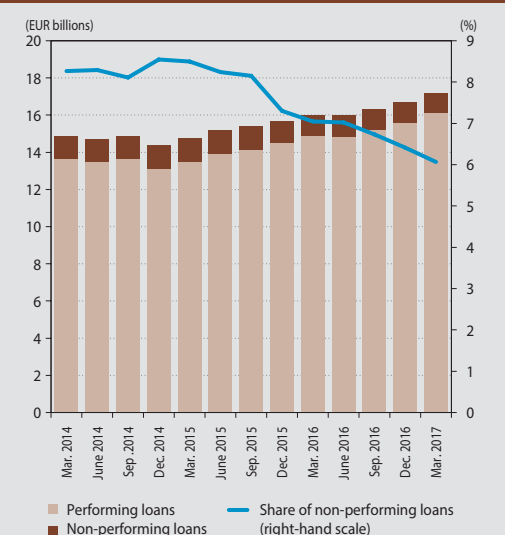
The share of non-performing loans (NPLs) in total NFC loans decreased to 6.1% at the end of the first quarter of 2017. The NPL ratio for overdrafts on NFC current accounts fell slightly, from 5.0% at end-December 2016 to 4.7% at end-March 2017. The ratio for operating loans was 10.3%, indicating a moderately rising trend in NPLs in this category. For investment loans, both the stock of loans and the NPL ratio decreased in the quarter under review. The NPL ratio for real estate loans fell to 7.0%, and that for credit card loans rose to 10.4%.

**Chart 30 Share of non-performing loans in bank overdrafts and revolving credits to NFCs**



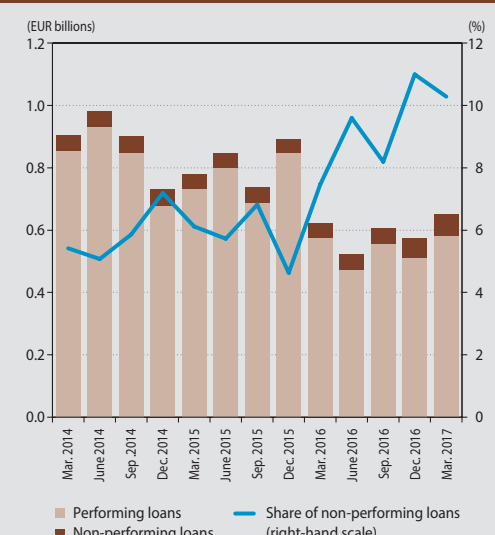
Source: NBS.

**Chart 29 Share of non-performing loans in total NFC loans**



Source: NBS.

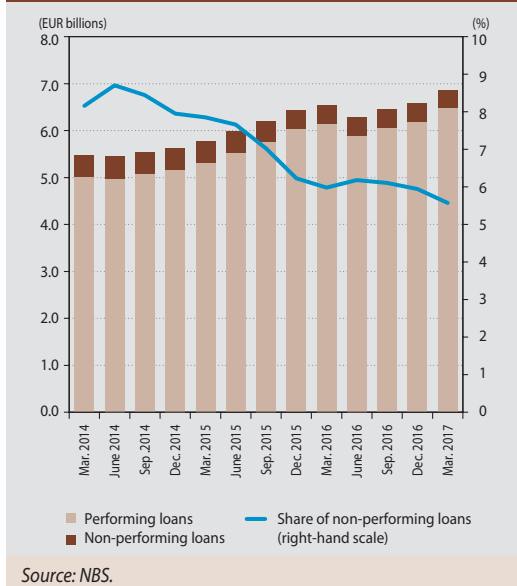
**Chart 31 Share of non-performing loans in operating loans to NFCs**



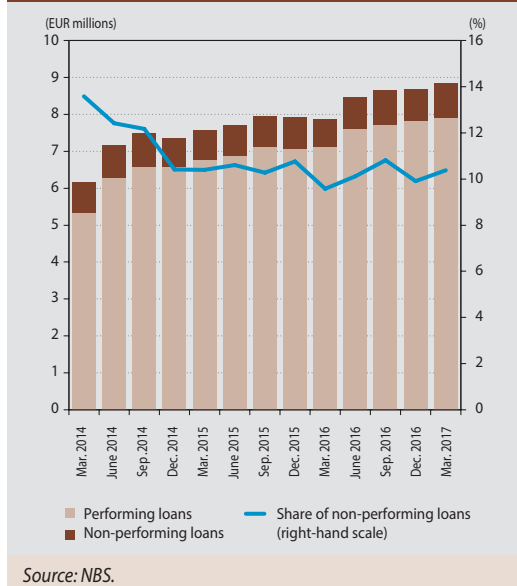
Source: NBS.



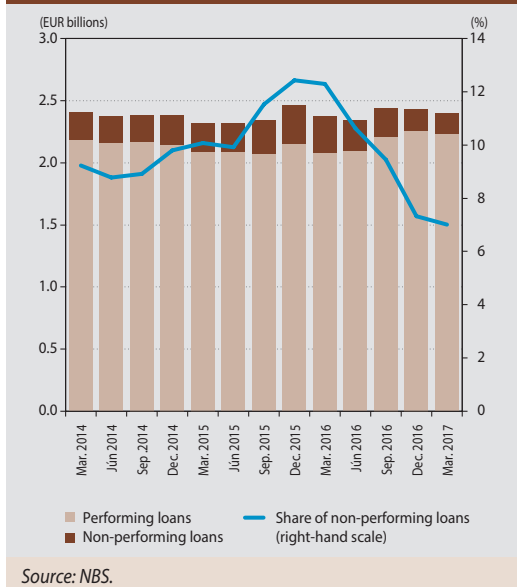
**Chart 32 Share of non-performing loans in investment loans to NFCs**



**Chart 34 Share of non-performing loans in credit card loans to NFCs**



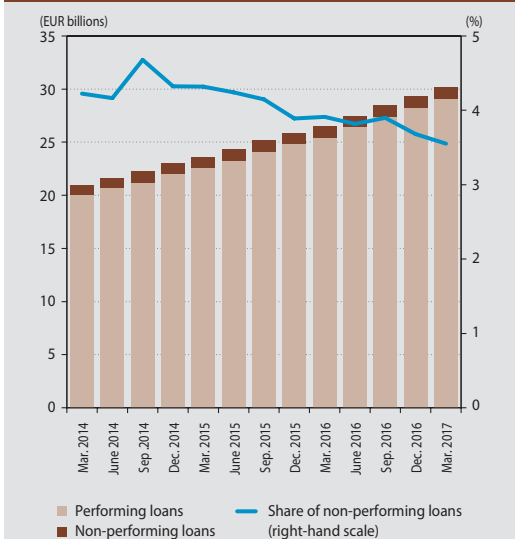
**Chart 33 Share of non-performing loans in real estate loans to NFCs**



### 2.7.7 NON-PERFORMING LOANS IN THE HOUSEHOLD SECTOR

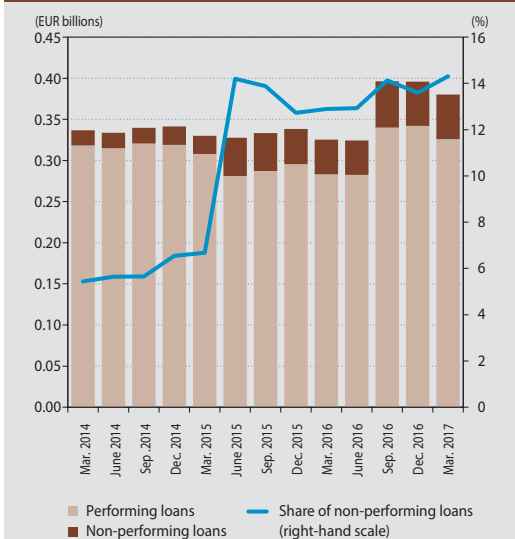
The share of NPLs in total household loans reached 3.6% at the end of the first quarter of 2017, representing a slight fall in year-on-year terms. The highest NPL ratio in the quarter under review was recorded for credit card loans (14.3%). The NPL ratio for current account overdrafts was 8%, representing a slight drop in both quarter-on-quarter and year-on-year terms. The NPL ratio for housing loans remained at 2.2%, while that for consumer loans reached 8.4%.

**Chart 35 Share of non-performing loans in total loans to households**



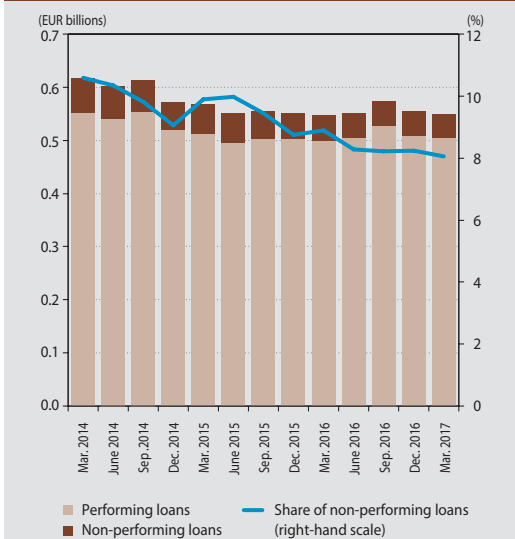
Source: NBS.

**Chart 37 Share of non-performing loans in credit card loans to households**



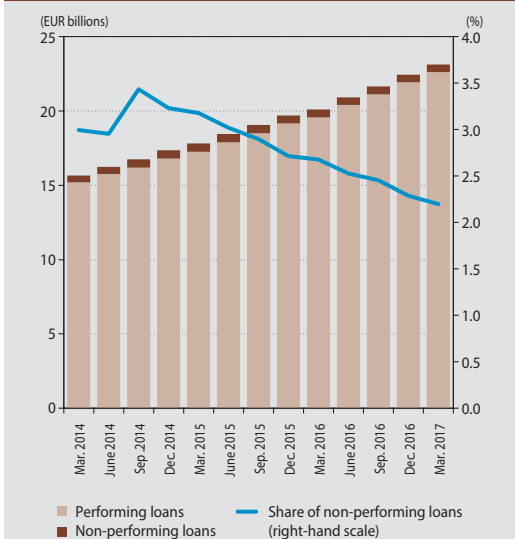
Source: NBS.

**Chart 36 Share of non-performing loans in bank overdrafts to households**



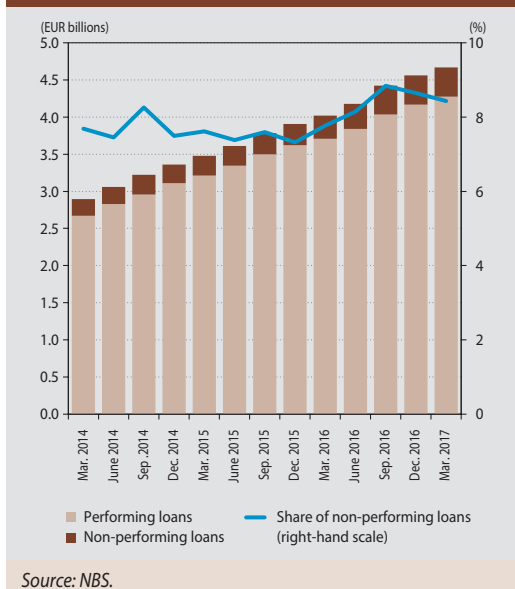
Source: NBS.

**Chart 38 Share of non-performing loans in loans for house purchase to households**

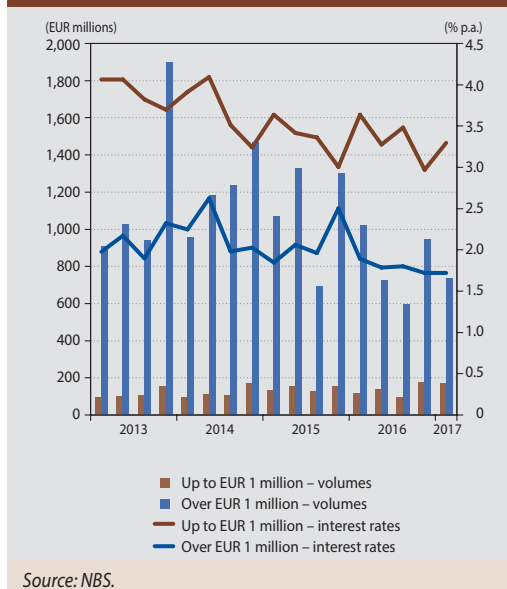


Source: NBS.

**Chart 39 Share of non-performing loans in consumer loans to households**



**Chart 40 New loans to NFCs – interest rates and volumes**



## 2.8 LOANS – INTEREST RATES AND VOLUMES

### 2.8.1 NEW LOANS TO NFCs – INTEREST RATES AND VOLUMES

The total amount of new loans provided to non-financial corporations (NFCs) was 10.6% lower in the first quarter of 2017 than in the first quarter of 2016. In the category of **loans of up to €1 million**, the amount of loans increased in the quarter under review, by 32.5% year on year. Their share of the total amount of NFC loans provided during that period was 19.3%. The average interest rate on these loans in the quarter under review was 3.3% per annum, which in year-on-year terms was lower by 0.2 percentage point. In the category of **loans of over €1 million**, the amount of loans provided in the quarter under review declined by 17.0% year on year. Their share of the total amount of NFC loans provided during that period was 80.7%, and the average interest rate on these loans fell by 0.4 percentage point, to 1.8% p.a.

The share of secured loans in the **total** amount of new loans provided to NFCs in the first quarter of 2017 was 30.7%, down from 31.5% in the same quarter of the previous year. The average

**Chart 41 Secured and total new loans to NFCs – Interest rates and volumes**

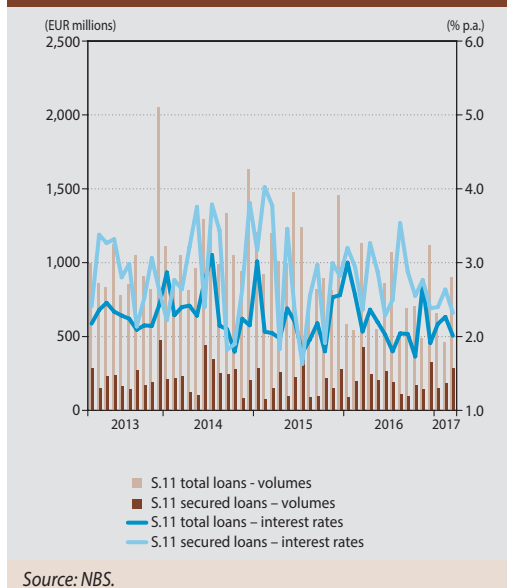
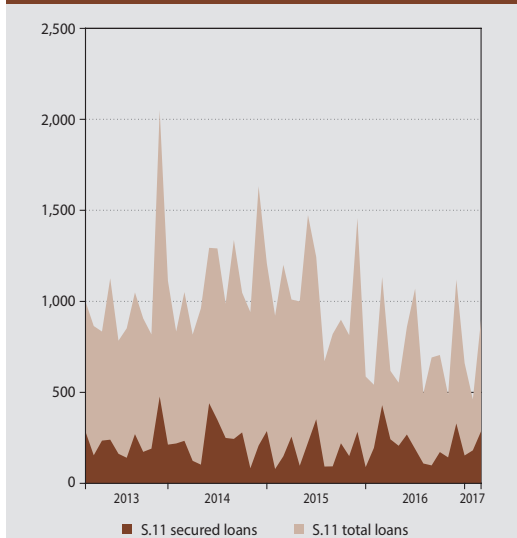


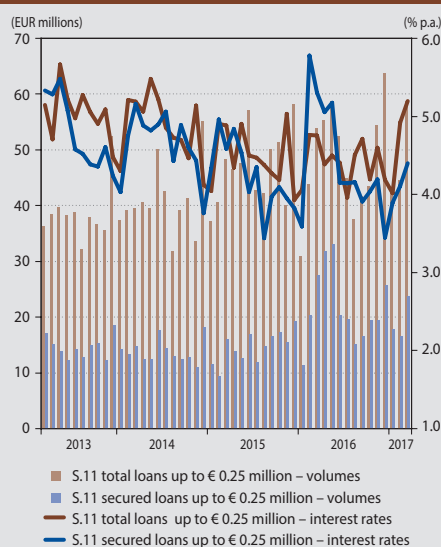


Chart 42 Share of secured loans in total new loans to NFCs (EUR millions)



Source: NBS.

Chart 43 Secured and total new NFC loans up to € 0.25 million – interest rates and volumes

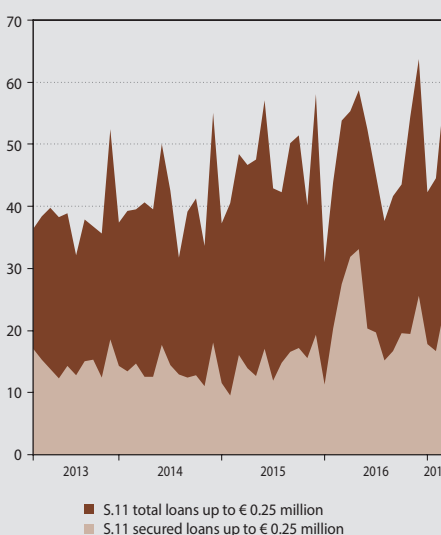


Source: NBS.

interest rate on secured loans fell to 2.4% p.a. in the quarter under review, from 2.6% p.a. in the first quarter of 2016. Similarly, the average interest rate on new loans to NFCs declined in the quarter under review by 0.3 percentage point year on year, to 2.1% p.a.

In the category of **loans of up to €0.25 million**, the share of secured loans in the total amount of new loans provided to NFCs in the first quarter of 2017 was 40.0%, representing a year-on-year decrease of 5.9%. The average interest rate on such secured loans fell in the quarter under review by 1.0 percentage point year on year, to 4.2% p.a. In the loans of up to €0.25 million category, the average interest rate on new loans rose in that period by 0.2 percentage point year on year, to 4.8% p.a.

Chart 44 Share of secured loans in total new loans up to € 0.25 million to NFCs (EUR millions)

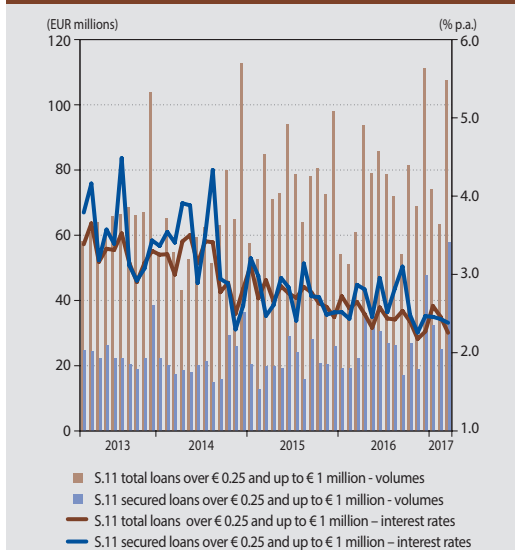


Source: NBS.

In the category of **loans of over €0.25 million and up to €1 million**, the share of secured loans in the total amount of new loans provided to NFCs in the first quarter of 2017 was 47.1%, rep-

resenting a year-on-year increase of 10.7%. The average interest rate on such secured loans fell in the quarter under review by 0.2 percentage point year on year, to 2.4% p.a. In the **loans of over €0.25 million and up to €1 million** category, the average interest rate on new NFC loans also fell in that period by 0.2 percentage point year on year, to 2.4% p.a.

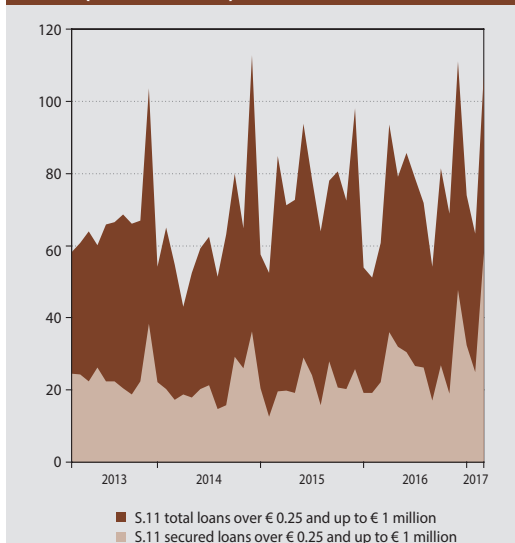
**Chart 45 Secured and total new loans over € 0.25 million and up to € 1 million to NFCs – interest rates and volumes**



Source: NBS.

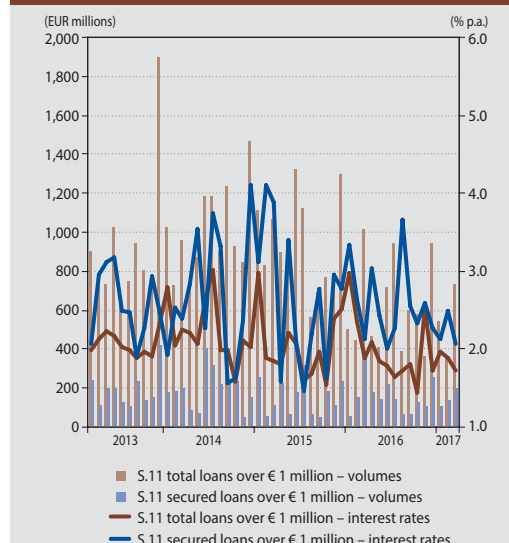
In the category of **loans of over €1 million**, the share of secured loans in the total amount of new loans provided to NFCs in the first quarter of 2017 was 27.3%, representing a year-on-year decrease of 2.8%. The average interest rate on such secured loans fell to 2.2% p.a. in the quarter under review, from 2.4% p.a. in the same period of 2016. In the **loans of over €1 million** category, the average interest rate on new NFC loans decreased in that period by 0.4 percentage point year on year, to 1.8% p.a.

**Chart 46 Share of secured loans in total new loans over € 0.25 and up to € 1 million to NFCs (EUR millions)**



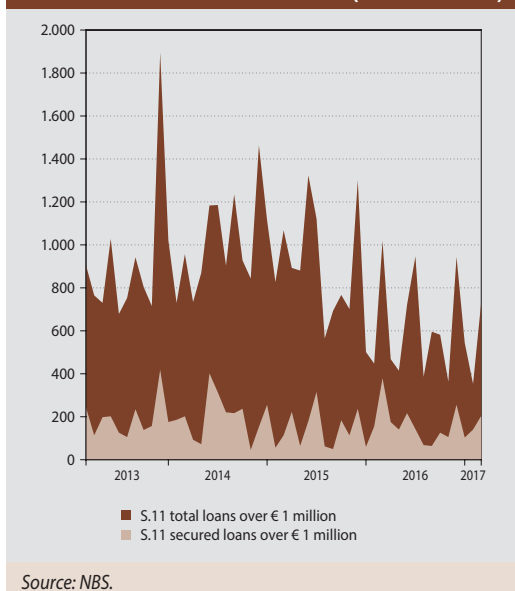
Source: NBS.

**Chart 47 Secured and total new loans over € 1 million to NFCs – interest rates and volumes**

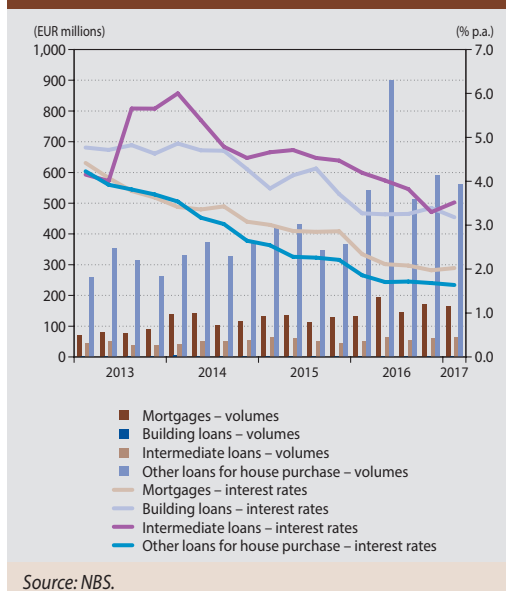


Source: NBS.

**Chart 48 Share of secured loans in total new loans over € 1 million to NFCs (EUR millions)**



**Chart 49 New loans for house purchase to households – interest rates and volumes**



## 2.8.2 NEW LOANS TO HOUSEHOLDS – INTEREST RATES AND VOLUMES

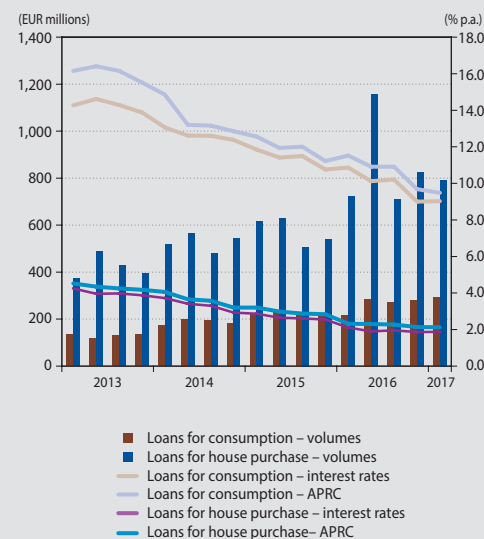
### 2.8.2.1 Housing loans – interest rates and volumes

Households' demand for housing loans is stronger than their demand for any other type of loan. The average interest rate on housing loans fell in the first quarter of 2017 by 0.5 percentage point year on year, to 1.9% p.a. The average rate for each type of housing loan also declined, as follows: for **intermediate loans** provided by home savings banks, by 1.0 percentage point, to 3.3% p.a.; for **building loans**, by 0.1 percentage point, to 3.2% p.a.; for **mortgage loans**, by 0.6 percentage point, to 2.0% p.a.; and for **other loans for house purchase**, by 0.4 percentage point, to 1.7% p.a.

### 2.8.2.2 Housing loans and consumer loans – interest rates and the APRC

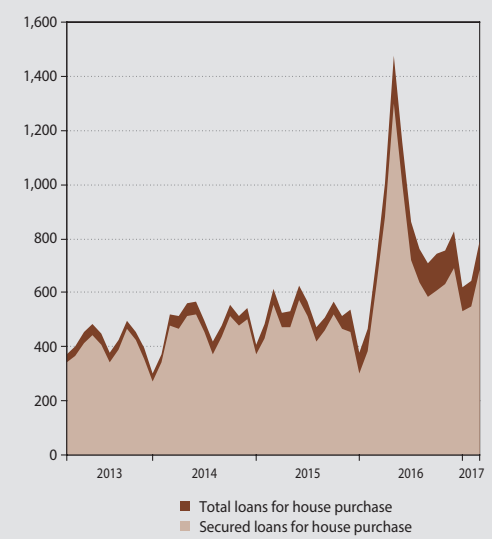
The **annual percentage rate of charge (APRC)** on loans to households usually exceeds the rate of interest charged on these loans. Like the average interest rate on housing loans, the APRC on these loans in the first quarter of 2017 was lower, year on year, by 0.5 percentage point, at 2.1% p.a. Consumer loans showed a similar trend, with the average interest rate in the quarter under review declining by 1.7 percentage points, year on year, to 9.2% p.a. and the average APRC for consumer loans falling by 1.6 percentage points, to 9.9% p.a.

**Chart 50 New loans for consumption and loans for house purchase – interest rates, APRC and volumes**



Source: NBS.

**Chart 52 Share of new secured loans for house purchase in total new loans for house purchase to households (EUR millions)**



Source: NBS.

### 2.8.2.3 Secured housing loans – interest rates and volumes

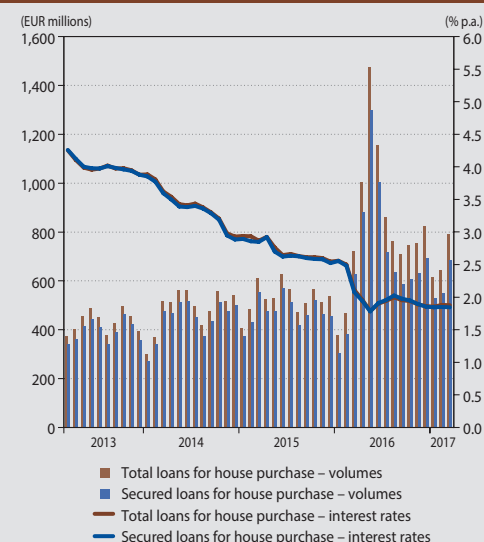
The share of **new secured housing loans** in the total amount of loans provided to households for housing purposes in the first quarter of 2017 increased by 2.2% (to 86.1%), compared with the

first quarter of 2016. The average interest rate on such loans in the period under review fell by 0.5 percentage point, to 1.8% p.a.

### 2.8.2.4 Secured consumer loans – interest rates and volumes

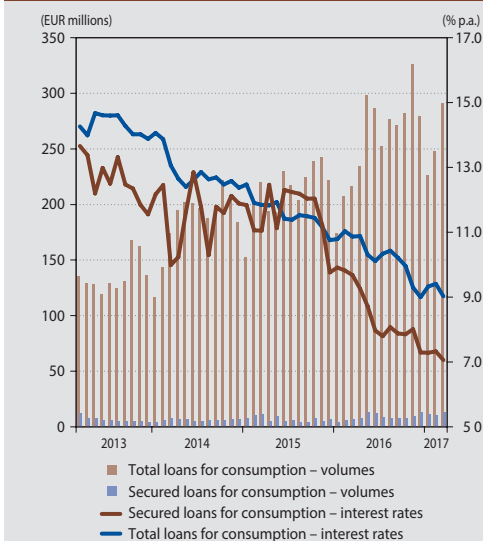
The share of **secured loans in consumer loans** is far lower than the share in housing loans. In year-on-year terms, it increased slightly in the first quarter of 2017, to 4.6% (from 2.8% a year earlier). The average interest rate on secured consumer loans in the quarter under review fell by 2.7 percentage points, to 7.2% p.a.

**Chart 51 Secured and total new loans for house purchase to households – interest rates and volumes**



Source: NBS.

**Chart 53 Secured and total new loans for consumption to households – interest rates and volumes**



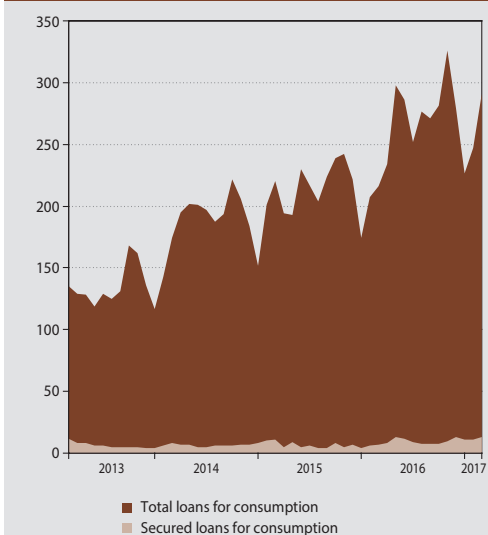
Source: NBS.

**2.8.3 LOANS TO NFCs – INTEREST RATES AND VOLUMES (OUTSTANDING AMOUNTS)**

Looking at NFC loans broken down by maturity, interest rates on loans with a maturity of over one year and up to five years have long been higher than the rates on loans with other maturities, but these loans account for the smallest share of the total amount of NFC loans. Loans with a maturity of over five years have accounted for the largest share of the total amount of NFC loans since the second half of 2009 and continued to do so in the first quarter of 2017.

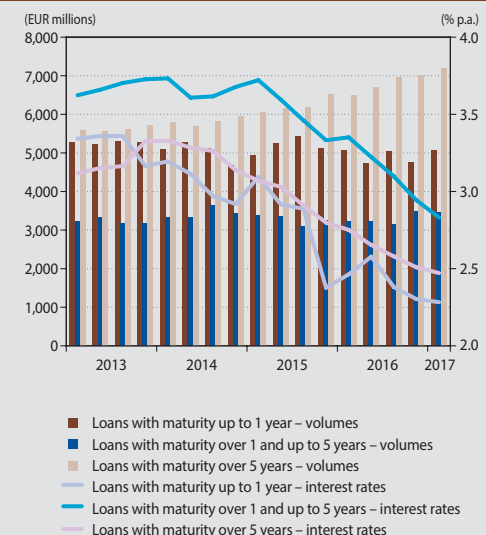
For all maturities of **NFC loans**, average interest rates in the quarter under review were slightly lower, year on year, as follows: for loans with a maturity of up to one year, by 0.2 percentage point, at 2.2% p.a.; for loans with a maturity of over five years, by 0.3 percentage point, at 2.5% p.a., and for loans with a maturity of over one year and up to five years, by 0.5 percentage point, at 2.9% p.a.

**Chart 54 Share of secured loans for consumption in total new loans for consumption to households (EUR millions)**



Source: NBS.

**Chart 55 NFC loans by maturity – interest rates and volumes**



Source: NBS.





## 2.8.4 LOANS TO HOUSEHOLDS – INTEREST RATES AND VOLUMES (OUTSTANDING AMOUNTS)

### 2.8.4.1 Housing loans – interest rates and volumes

In terms of their amount, a clear majority of loans to households (both housing loans and consumer loans) have a maturity of over five years.

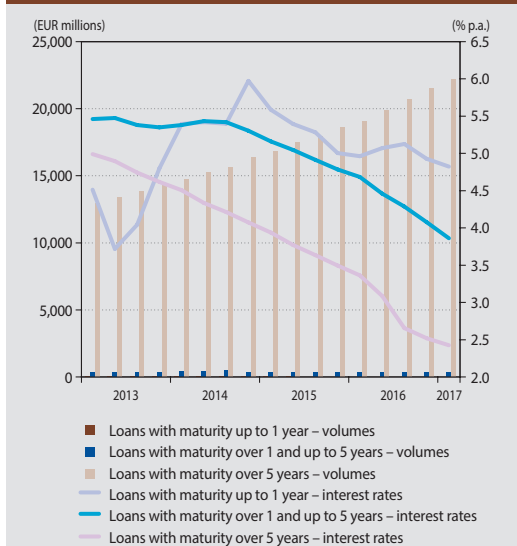
The average interest rate on **housing loans** in the first quarter of 2017 was lower, year on year, for all maturities, as follows: for loans with a maturity of up to one year, by 0.2 percentage point, at 4.8% p.a.; for loans with a maturity of over one year and up to five years, by 0.8 percentage point, at 3.9%; and for loans with a maturity of over five years, by 1.0 percentage point, at 2.5% p.a.

### 2.8.4.2 Consumer loans – interest rates and volumes

Consumer loans with a maturity of up to one year remained, in volume terms, negligible in the period under review, causing volatility in the interest rates on such loans. Consumer loans with a maturity of over one year and up to five years had a moderately upward trend in that period. Loans with a maturity of over five years accounted for the largest share of consumer loans.

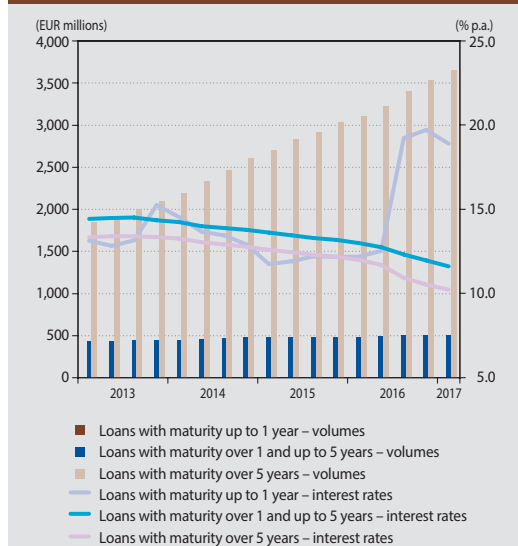
The average interest rate on **consumer loans** provided to households changed in the period under review as follows: the rate for consumer loans for with a maturity of over one year and up to five years fell by 1.3 percentage points, to 11.8% p.a.; that for consumer loans with a maturity of over five years fell by 1.7 percentage points, to 10.3% p.a.; and the rate for consumer loans with a maturity of up to one year rose by as much as 7.1 percentage points, to 19.3% p.a.

Chart 56 Households loans for house purchase by maturity – interest rates and volumes



Source: NBS.

Chart 57 Households loans for consumption by maturity – interest rates and volumes



Source: NBS.



## 2.9 DEPOSITS RECEIVED FROM NON-FINANCIAL CORPORATIONS AND HOUSEHOLDS

### 2.9.1 DEPOSITS RECEIVED FROM NON-FINANCIAL CORPORATIONS

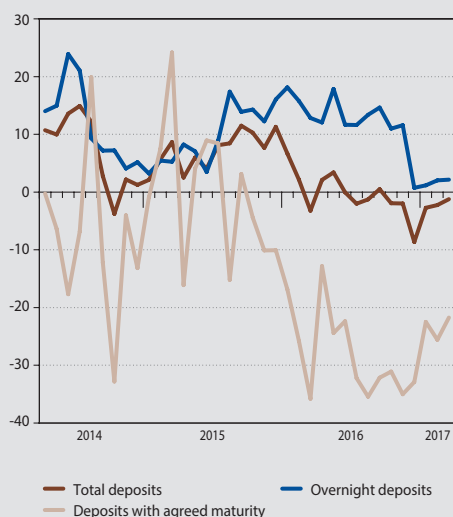
The stock of deposits received from NFCs recorded a year-on-year decrease of 1.2% at the end of the first quarter of 2017, owing to a marked decline in deposits with an agreed maturity (by 21.7% year on year). Other deposits fell by

roughly 50%, but this fall was too small in volume terms to affect the stock of NFC deposits to a significant extent. Deposits payable on demand recorded a year-on-year increase of 2.2% at 31 March 2017.

### 2.9.2 DEPOSITS RECEIVED FROM HOUSEHOLDS

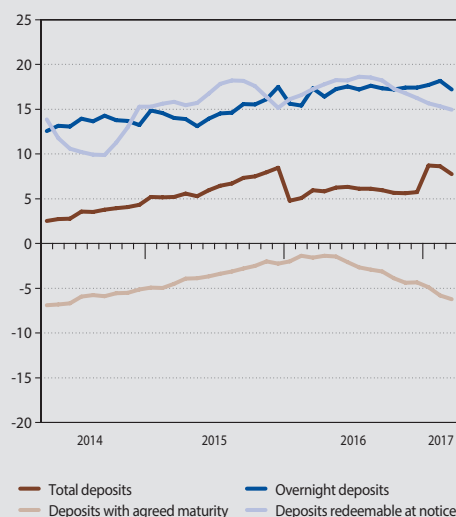
The stock of deposits received from households was 7.8% higher, year on year, at the end of the quarter under review. The growth was caused by an increase in household deposits payable on

Chart 58 NFC deposits by type  
(year-on-year percentage changes)



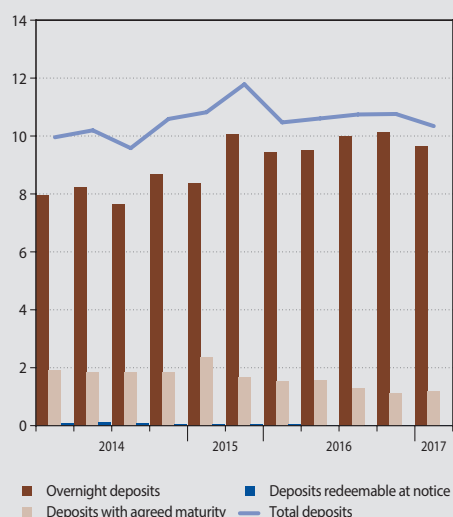
Source: NBS.

Chart 60 Households deposits by type  
(year-on-year percentage change)



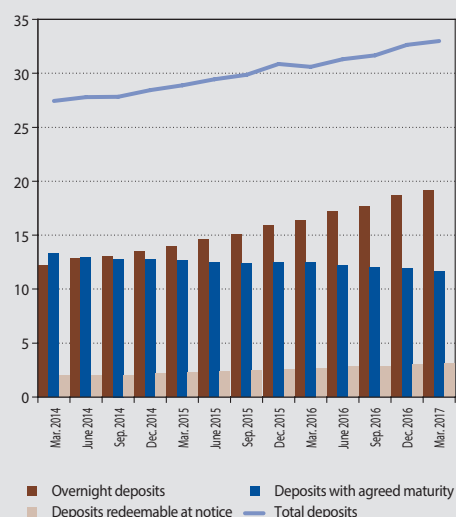
Source: NBS.

Chart 59 NFC deposits (EUR billions)



Source: NBS.

Chart 61 Households deposits (EUR billions)



Source: NBS.

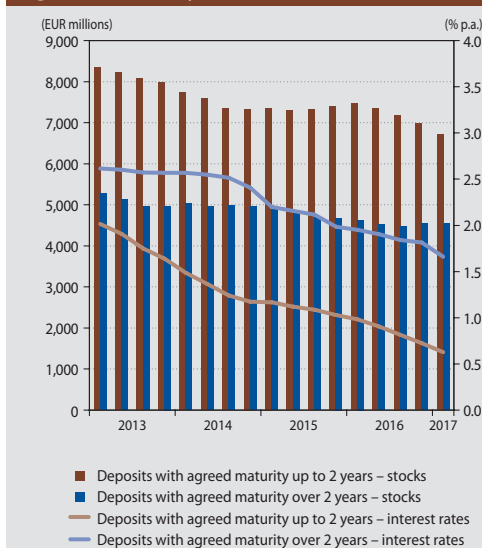
demand (by 17.2%) and in deposits redeemable at notice (by 15.0%). Deposits with an agreed maturity were the only category that declined, by 6.2%.

## 2.10 DEPOSITS RECEIVED – INTEREST RATES, VOLUMES AND STOCKS

### 2.10.1 HOUSEHOLD DEPOSITS – INTEREST RATES AND STOCKS

At the end of March 2017, household **deposits with an agreed maturity of up to two years** accounted for 60.0% of the total stock of household deposits with an agreed maturity, which in year-on-year terms represented a drop of 1.7%. The average interest rate on household deposits with an agreed maturity of up to two years was 0.3 percentage point lower in the first quarter of 2017 than in the same period a year earlier, at 0.7% p.a. The average rate on **deposits with an agreed maturity of over two years** was also lower, year on year, in the period under review, by 0.3 percentage point, at 1.7% p.a. The total stock of household deposits with an agreed maturity had fallen by 6.1% year on year.

Chart 62 Household deposits with an agreed maturity – interest rates and stocks

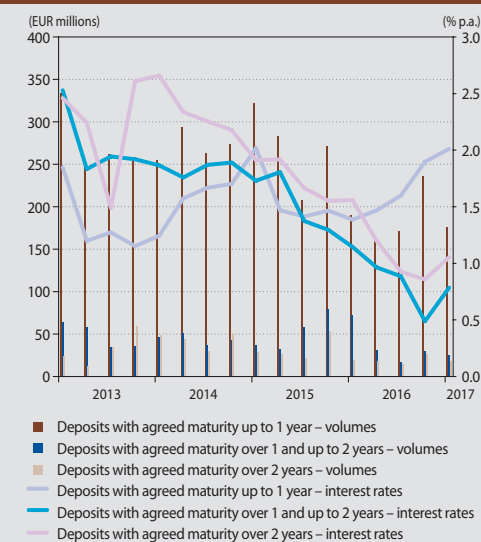


Source: NBS.

### 2.10.2 NEW HOUSEHOLD DEPOSITS – INTEREST RATES AND VOLUMES

The average interest rate on **new household deposits with an agreed maturity of up to one year** was 0.7 percentage point higher in the first quarter of 2017 than a year earlier, at 2.1% p.a., and the share of these deposits in the total amount of deposits with an agreed maturity received during the period under review was up by 17.3% year on year, at 81.1%. The interest rate on new **deposits with an agreed maturity of over one year and up to two years** was 0.4 percentage point lower, year on year, at 0.8% p.a., and their share of the total was down by 17.1%, at 10.4%. The interest rate on new **deposits with an agreed maturity of over two years** was 0.6 percentage point lower, at 1.1% p.a., and their share of the total was down by 0.2%, at 8.5%.

Chart 63 New household deposit with an agreed maturity – interest rates and volumes



Source: NBS.

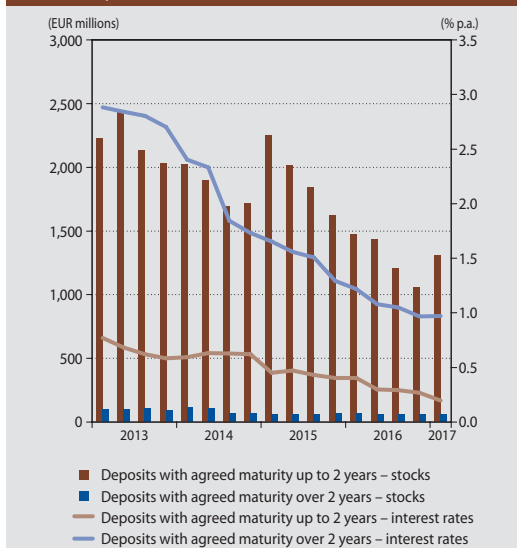
### 2.10.3 NFC DEPOSITS – INTEREST RATES AND STOCKS

At the end of March 2017, **NFC deposits with an agreed maturity of over two years** accounted for 4.3% of the total amount of NFC deposits with an agreed maturity, which in year-on-year terms represented an increase of 0.1%. The average interest rate on such deposits was 0.3 percentage point lower in the first quarter of 2017 than in the same period a year earlier, at 1.0% p.a. As for **NFC deposits with an agreed maturity of up to two years**, their share of the total amount of NFC deposits with an agreed maturity was 95.7%, down by 0.1%, while the average interest rate on these deposits was lower in the period under review by 0.2 percentage point, at 0.2% p.a. The total stock of NFC deposits with an agreed maturity had fallen by 12.1% year on year.

### 2.10.4 NEW NFC DEPOSITS – INTEREST RATES AND VOLUMES

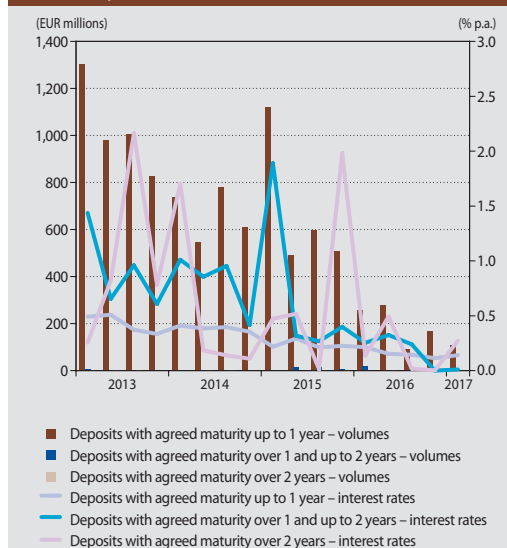
The average interest rate on **new NFC deposits with an agreed maturity of over two years** was 0.22 percentage point higher in the first quarter of 2017 than a year earlier, at 0.38% p.a., and the share of these deposits in the total amount of NFC deposits with an agreed maturity was a mere 0.2%. The average interest rate on **new NFC deposits with an agreed maturity of over one year and up to two years** was 0.1 percentage point lower, year on year, at 0.18% p.a., and their share of the total was also very low, at 1.6%. The interest rate on **new deposits with an agreed maturity of up to one year** was also lower, year on year, by 0.12 percentage point, at 0.15% p.a., and their share of the total was by far the largest, at 98.2%.

Chart 64 NFC deposits with an agreed maturity – interest rates and stocks



Source: NBS.

Chart 65 New NFC deposits with an agreed maturity – interest rates and volumes



Source: NBS.



# COLLECTIVE INVESTMENT



## 3 COLLECTIVE INVESTMENT

In the financial market of Slovakia, collective investment is represented by six domestic asset management companies and by one foreign asset management company, managing a total of 86 open-end funds as at 31 March 2017.

Domestic asset management companies:

- Asset Management Slovenskej sporiteľne, správ. spol., a.s.
- IAD Investments, správ. spol., a.s.
- Prvá Penzijná správcovská spoločnosť Poštovej banky, správ. spol., a.s.
- Sandberg Capital, správ. spol., a.s.
- Tatra Asset Management, správ. spol., a.s.
- VÚB Asset Management, správ. spol., a.s.

Foreign asset management company:

- ČSOB Asset Management, a.s., investiční společnost

### 3.1 CURRENT DEVELOPMENTS IN THE DOMESTIC INVESTMENT FUNDS MARKET

For the purposes of monetary and financial statistics compiled by the European Central Bank, investment funds are divided according to the investment strategy employed into the following categories: money market funds, short-term money market funds, bond funds,

equity funds, mixed funds, real estate funds, and other funds.

Money market funds' share in the total assets of investment funds continued to decrease in the period under review, to 0.55% at 31 March 2017.

Mixed funds accounted for the largest share, 39.83%, of the total assets of investment funds at 31 March 2017. Bonds funds had a share of 28.96% at 31 March 2017, representing a quarter-on-quarter decrease of 2%. They were followed by real estate funds with a share of 18.25%. Equity funds' share in the total assets of investment funds dropped to 6.48% at the beginning of 2017. The share of other funds (such as guaranteed funds, specialised securities funds, alternative investment funds, and professional investor funds) decreased in the quarter under review, to 5.93% at 31 March 2017.

At the end of March 2017, the total assets of mixed funds had increased, year on year, by 22.96%, which compared with the figure for end-December 2016 was higher by 9.89 percentage points. The corresponding figures for the other types of investment funds were as follows: for real estate funds, a year-on-year increase of 16.26% (10.06 percentage points higher, quarter on quarter); for other funds, a year-on-year decrease of 52.83% (2.05 percentage points lower, quarter on quarter); for bond funds, a year-on-year increase of 13.94% (1.77 percentage points lower, quarter on

**Table 8 Total assets of investment funds broken down by type of fund (year-on-year percentage changes)**

Total assets	Medziročná zmena (v %)								
	III. 2015	VI. 2015	IX. 2015	XII. 2015	III. 2016	VI. 2016	IX. 2016	XII. 2016	III. 2017
<b>Bond funds</b>	25.26	16.69	6.21	-2.82	-10.14	-10.53	8.10	15.71	13.94
<b>Equity funds</b>	25.60	14.12	-3.70	-1.23	-10.24	-4.94	8.65	8.51	3.29
<b>Mixed funds</b>	71.22	72.78	57.89	55.89	34.54	22.01	21.56	13.07	22.96
<b>Real estate funds</b>	-2.54	-8.72	-12.65	7.17	6.21	11.20	15.50	12.31	16.26
<b>Other funds</b>	-10.15	-19.19	-23.67	-28.49	-30.76	-31.18	-51.75	-50.78	-52.83
<b>Money market funds</b>	-1.00	-1.83	-21.33	-26.29	-26.57	-37.99	-36.27	-40.44	-38.06

Source: NBS.

quarter); for equity funds, a year-on-year increase of 3.29%; and for money market funds, a year-on-year decrease of 38.06%.

## 3.2 STRUCTURE OF INVESTMENT FUNDS IN SLOVAKIA

### 3.2.1 BOND FUNDS

Bond funds invest primarily in government and bank debt securities, and in fixed-term bank deposits.

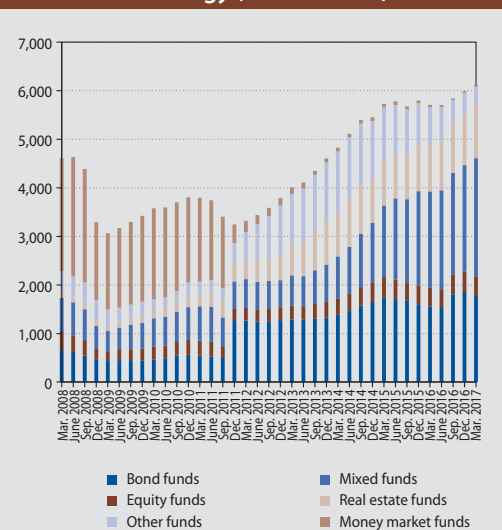
Of bond funds' aggregate assets as at 31 March 2017, debt securities accounted for 45.80%, compared with 44.43% at the end of the previous quarter. They were followed by assets held with banks in deposit accounts or current accounts (27.80%), investment fund shares/units (26.32%; a quarter-on-quarter increase of 3.83 percentage points), and the rest (0.08%) comprised other assets.

Of bond funds' aggregate holdings of debt securities as at 31 March 2017, 41.63% were debt securities issued in the rest of the world (their share was 7.48 percentage points higher quarter on quarter), 36.43% were domestic securities (4.93 percentage points lower), and 21.94% were securities issued in other euro area member states (2.55 percentage points lower).

Of bond funds' aggregate assets as at 31 March 2017, 44.75% were government bonds, 41.47% were debt securities issued by banks, and 13.78% were debt securities issued by non-financial corporations and other financial institutions.

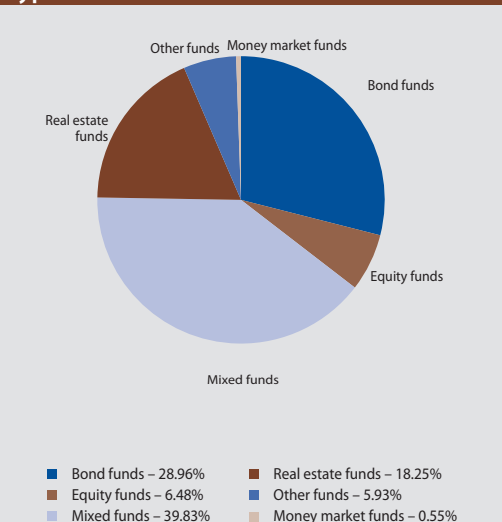
Of bond funds' aggregate holdings of securities as at 31 March 2017, 31.49% had a maturity of up to one year, 9.63% a maturity of over one year and up to two years, and 58.88% a maturity of over two years.

**Chart 66 Mutual funds broken down by investment strategy (EUR millions)**



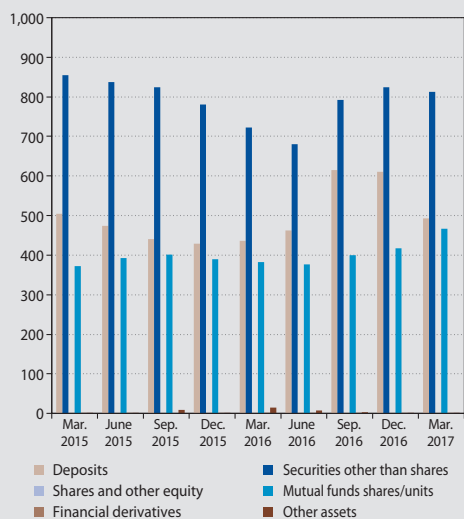
Source: NBS.

**Chart 67 Total assets of domestic mutual funds as at 31 March 2017 broken down by type of fund**



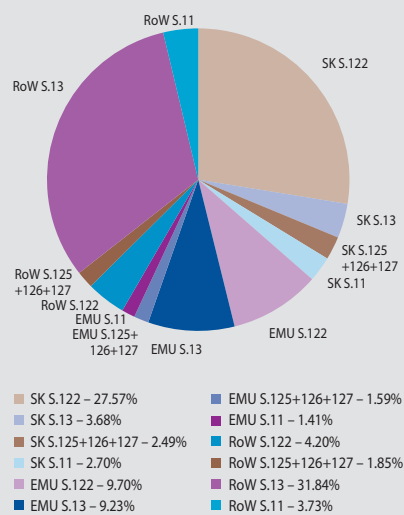
Source: NBS.

**Chart 68 Bond funds: evolution of assets (EUR millions)**



Source: NBS.

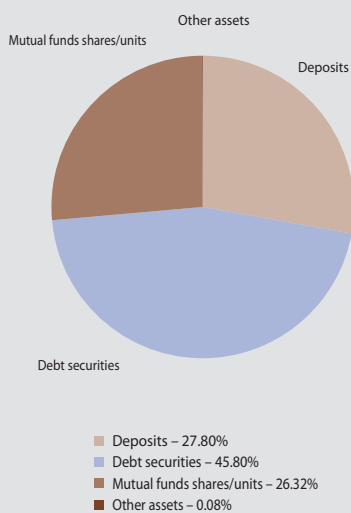
**Chart 70 Geographical and sectoral breakdown of debt securities in the portfolio of bond funds as at 31 March 2017**



Source: NBS.

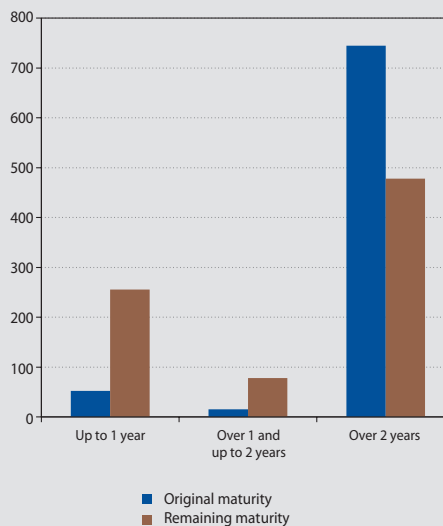
Note: SK = domestic issuers; EMU = issuers from other euro area member states; RoW = issuers from the rest of the world.

**Chart 69 Bond funds: structure of assets as at 31 March 2017**



Source: NBS.

**Chart 71 Maturity breakdown of debt securities in the portfolio of bond funds as at 31 March 2017 (EUR millions)**



Source: NBS.



### 3.2.2 EQUITY FUNDS

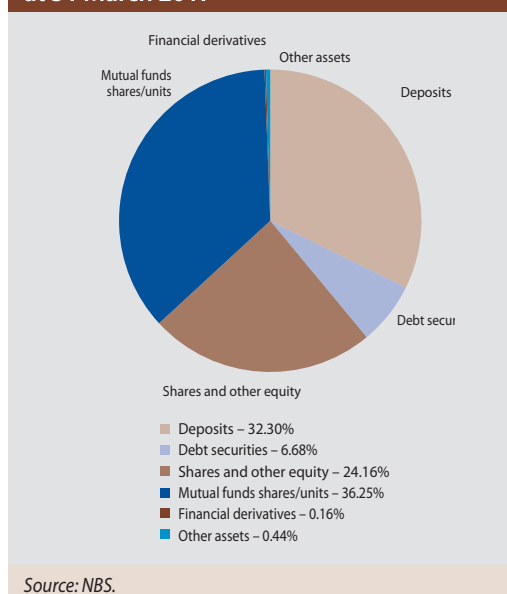
Of equity funds' aggregate assets as at 31 March 2017, 24.16% were shares and other equity (their share was 3.35 percentage points higher quarter on quarter), 36.25% were investment fund shares/units (1.12 percentage points higher), 32.30% were bank deposits, 6.68% were debt securities, and 0.60% were financial derivatives and other assets.

Looking at the geographical breakdown of investment funds' aggregate holdings of investment fund shares/units, no significant changes occurred in the first quarter of 2017. Of their total as at 31 March 2017, 18.10% were shares/units of domestic investment funds, 72.60% were share/units of investment funds based in other euro area countries, and 9.30% were shares/units of investment funds from the rest of the world.

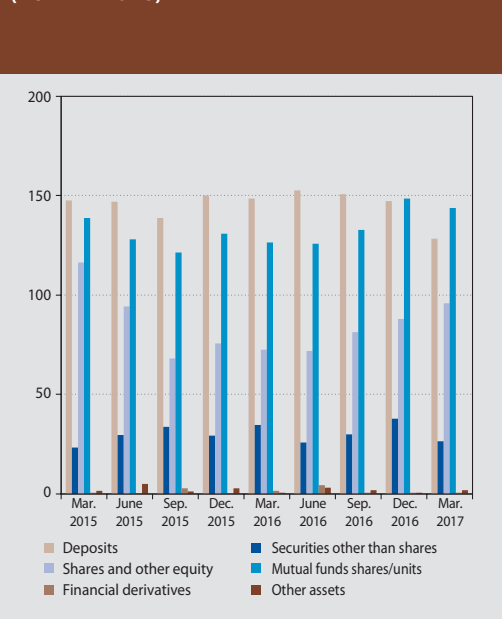
The share of non-MMF investment fund shares/units in investment funds' aggregate holdings of investment fund shares/units was 97.27% at the end of March 2017, largely unchanged from the end of the previous quarter.

Of investment funds' aggregate holdings of shares as at 31 March 2017, 56.85% were shares of NFCs resident in the rest of the world, 20.58% were shares of NFCs resident in euro area countries, and 9.62% were shares of credit institutions resident in non-euro area countries.

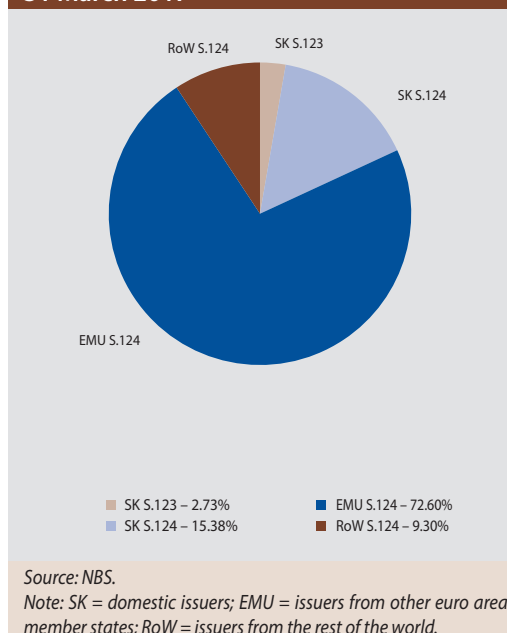
**Chart 73 Equity funds: structure of assets as at 31 March 2017**



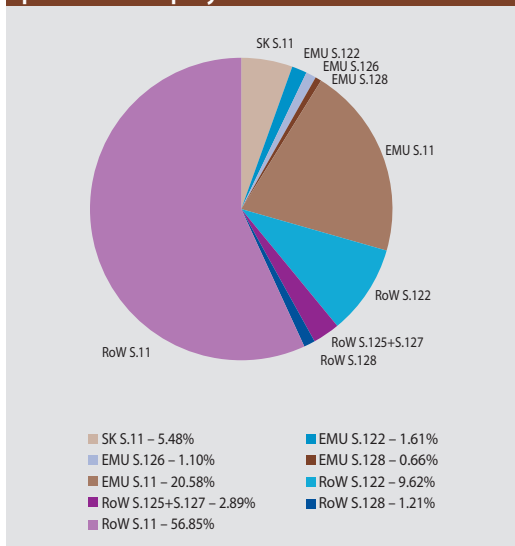
**Chart 72 Equity funds: evolution of assets (EUR millions)**



**Chart 74 Geographical and sectoral breakdown of mutual funds shares/units in the portfolio of equity funds as at 31 March 2017**



**Chart 75 Geographical and sectoral breakdown of shares and other equity in the portfolio of equity funds as at 31 March 2017**



Source: NBS.

Note: EMU = issuers from other euro area member states; RoW = issuers from the rest of the world.

### 3.2.3 MIXED FUNDS

Mixed funds' aggregate assets as at 31 March 2017 continued to be dominated by investment fund shares/units (accounting for 57.22%, which was 1.06 percentage points less than at the end of the previous quarter), followed by bank deposits (24.95%), debt securities (16.25%), shares (1.39%), and financial derivatives and other assets (0.19%).

Looking at the geographical breakdown of mixed funds' aggregate holdings of investment fund shares/units, no significant changes occurred in the first quarter of 2017. Of their total as at 31 March 2017, 72.64% were shares/units of investment funds based in other euro area countries, 19.71% were shares/units of domestic investment funds, and 7.65% were shares/

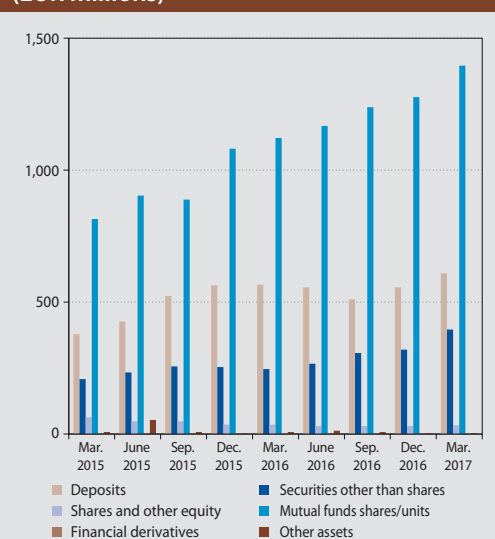
units of investment funds from the rest of the world.

Of mixed funds' aggregate holdings of securities as at 31 March 2017, 57.52% were debt securities issued in Slovakia, 30.73% were issued by issuers from other euro area countries, and 11.76% were issued by corporations from the rest of the world.

In the sectoral breakdown of mixed funds' aggregate assets as at 31 March 2017, the general government sector (S.13) continued to account for the largest share (29.59%).

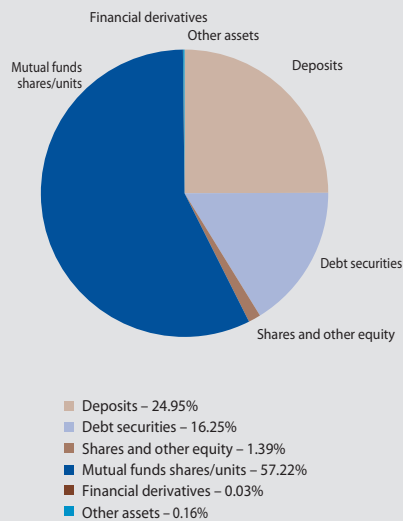
Of mixed funds' aggregate holdings of securities as at 31 March 2017, 14.07% had a residual maturity of up to one year, 21.65% a maturity of over one year and up to two years, and 64.28% a maturity of over two years.

**Chart 76 Mixed funds: evolution of assets (EUR millions)**



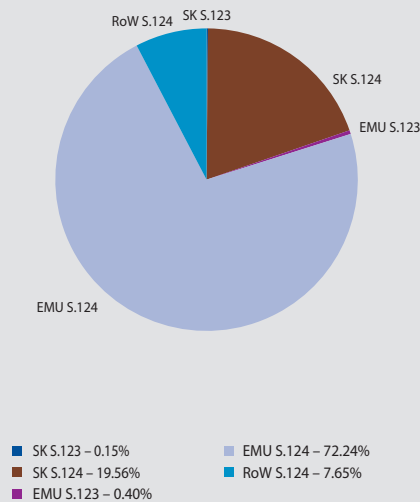
Source: NBS.

**Chart 77 Mixed funds: structure of assets as at 31 March 2017**



Source: NBS.

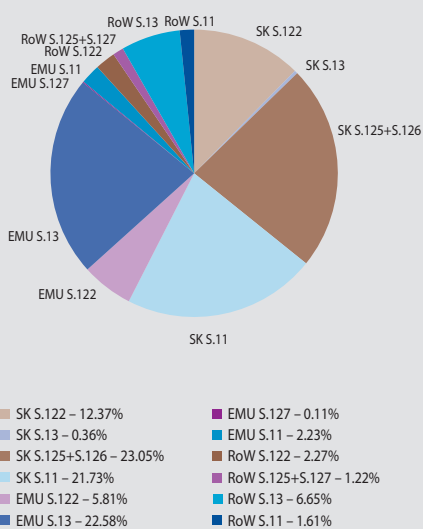
**Chart 79 Geographical and sectoral breakdown of mutual funds shares/units in the portfolio of mixed funds as at 31 March 2017**



Source: NBS.

Note: SK = domestic issuers; EMU = issuers from other euro area member states; RoW = issuers from the rest of the world.

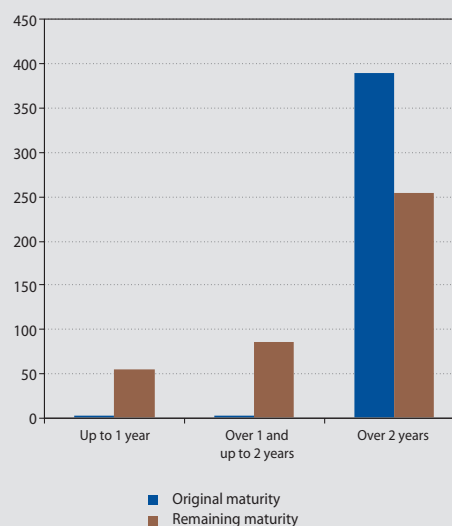
**Chart 78 Geographical and sectoral breakdown of debt securities in the portfolio of mixed funds as at 31 March 2017**



Source: NBS.

Note: SK = domestic issuers; EMU = issuers from other euro area member states; RoW = issuers from the rest of the world.

**Chart 80 Maturity breakdown of debt securities in the portfolio of bond funds as at 31 March 2017 (EUR millions)**



Source: NBS.



### 3.2.4 REAL ESTATE FUNDS

Real estate funds invest primarily in shares and equity participations in real estate companies. They use the funds obtained to provide loans to real estate companies in accordance with the applicable law.

The share of bank deposits and loans provided to real estate companies increased during the first quarter of 2017 by 6.75 percentage points, to 30.05%, and that of shares and other equity participations increased by 1.02 percentage points, from 63.50% at 31 December 2016 to 64.52% at 31 March 2017. Real estate funds also invested, to a lesser extent, in debt securities (3.98%), investment fund shares/units (0.81%), and other assets (0.64%).

As regards the geographical and sectoral breakdown of real estate funds' equity participations as at 31 March 2017, 79.31% of them were participations in domestic non-financial corporations (S.11), 5.15% were participations in NFCs resident in other EU Member States (0.16 percentage point less than at 31 December 2016),

and 15.54% were participations in NFCs from the rest of the world (down from 17.62% at the end of 2016).

Chart 82 Real estate funds: structure of assets as at 31 March 2017

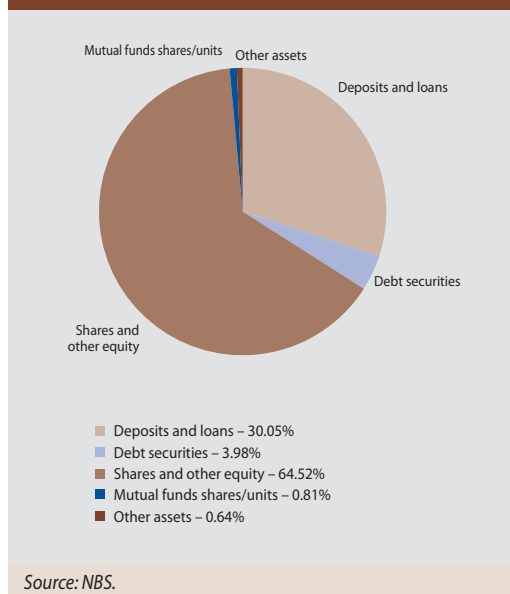


Chart 81 Real estate funds: evolution of assets (EUR millions)

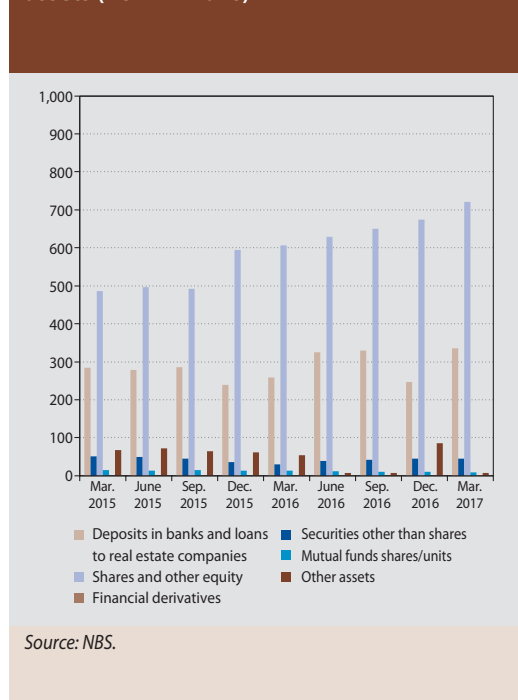
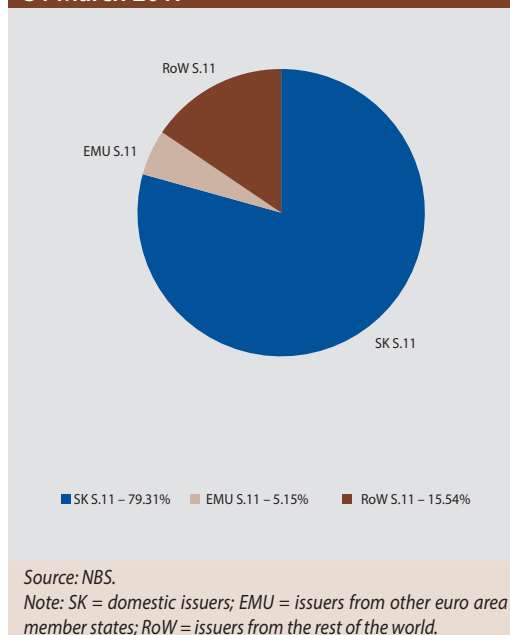


Chart 83 Geographical and sectoral breakdown of shares and other equity in the portfolio of real estate funds as at 31 March 2017





### 3.2.5 OTHER FUNDS

Other investment funds are defined as investment funds that do not actually belong to any of the categories mentioned above (in terms of their investment strategy). They comprise guaranteed funds, alternative investment funds (e.g. commodity funds), securities funds, professional investor funds, and other specialised funds.

The main asset items of other funds managed by domestic asset management companies are bank deposits, debt securities, and investment fund shares/units.

Of other funds' aggregate assets as at 31 March 2017, 62.85% were bank deposits, 11.92% were debt securities (0.90 percentage points more than at the end of the previous quarter, i.e. 11.02%), and 25.03% were investment fund shares/units (1.71 percentage points more than at the end of 2016, i.e. 23.32%).

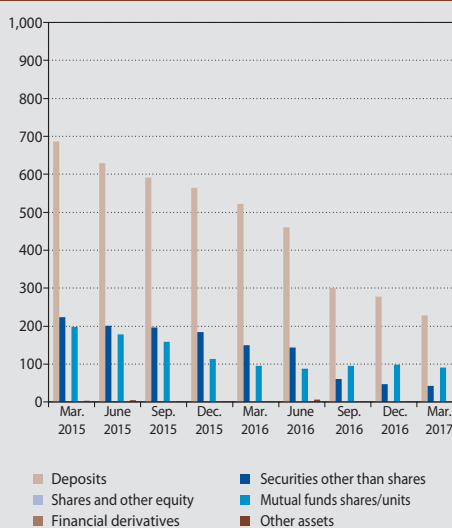
As regards the geographical breakdown of other funds' holdings of debt securities as at 31 March 2017, 39.31% were debt securities issued in the rest of the world (6.83 percentage points more than at the end of the previous quarter), 30.59% were debt securities issued by domestic institutions (8.48 percentage points less quarter on quarter), and 30.10% were debt securities issued in other euro area countries (1.66 percentage points more quarter on quarter).

Looking at the sectoral breakdown of other funds' aggregate holdings of debt securities as at 31 March 2017, securities issued by banks (S.122) accounted for the largest share, 35,36%, and government bonds (S.13) for the second largest share, 22.71%.

Of other funds' aggregate holdings of securities as at 31 March 2017, 28.36% had a residual maturity of up to one year, 12.30% a maturity of over

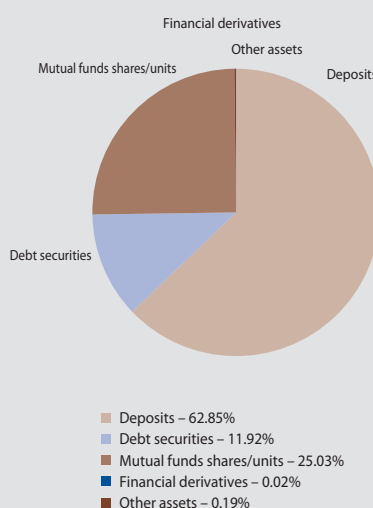
one year and up to two years, and 59.34% a maturity of over two years.

**Chart 84 Other funds: evolution of assets (EUR millions)**



Source: NBS.

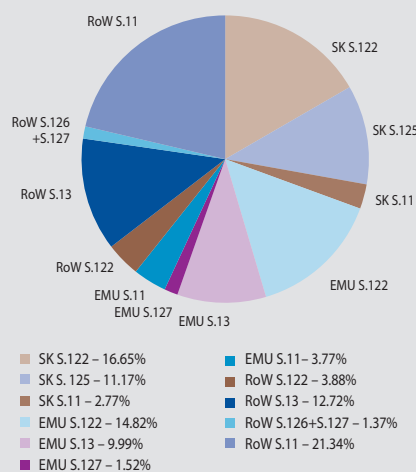
**Chart 85 Other funds: structure of assets as at 31 March 2017**



Source: NBS.



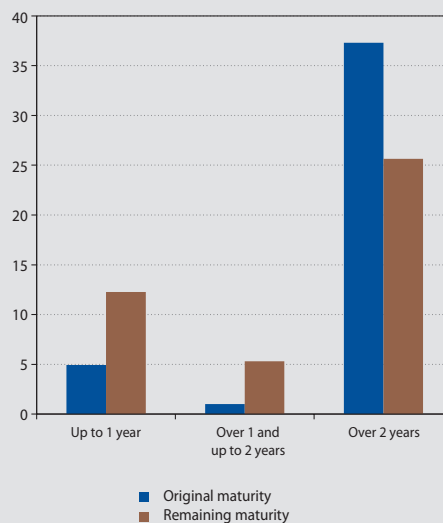
**Chart 86 Geographical and sectoral breakdown of debt securities in the portfolio of other funds as at 31 March 2017**



Source: NBS.

Note: SK = domestic issuers; EMU = issuers from other euro area member states; RoW = issuers from the rest of the world.

**Chart 87 Maturity breakdown of debt securities in portfolio of other funds as at 31 March 2017 (EUR millions)**



Source: NBS.



# LEASING COMPANIES, FACTORING COMPANIES, AND CONSUMER CREDIT COMPANIES

## 4 LEASING COMPANIES, FACTORING COMPANIES, AND CONSUMER CREDIT COMPANIES

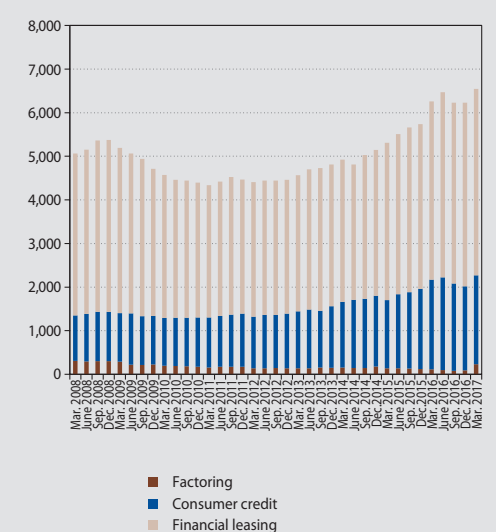
According to the sectoral classification of economic entities (ESA 2010), the companies under analysis are included in the S.125 sector – *other financial intermediaries*<sup>1</sup>, as a subcategory referred to as *financial corporations engaged in lending*.

For the statistics on factoring, leasing and consumer credit, the sample of reporting agents to Národná banka Slovenska has been broadened in 2017. Five consumer credit companies and four factoring companies have been added to the sample. Hence, some of the figures related to it are significantly different from those for 2016. This is reflected mainly in the increased share of households in the portfolio of credits and loans provided to factoring companies to the detriment of non-financial corporations.

The first quarter of 2017 was favourable in terms of asset development for factoring companies. Consumer credit companies recorded a slight fall in assets in year-on-year terms. Leasing companies continued to experience asset growth in the period under review.

The total assets of leasing companies as at 31 March 2017 were 4.59% higher than a year

**Chart 88 Evolution of total assets by type of business (EUR millions)**



Source: NBS.

earlier and 1.60 percentage points higher than at the end of the previous quarter. At the same time, the total assets of consumer credit companies were 1.01% lower than a year earlier, while those of factoring companies were 106.58% higher than a year earlier.

**Table 9 Total assets of financial corporations engaged in lending (year-on-year percentage changes)**

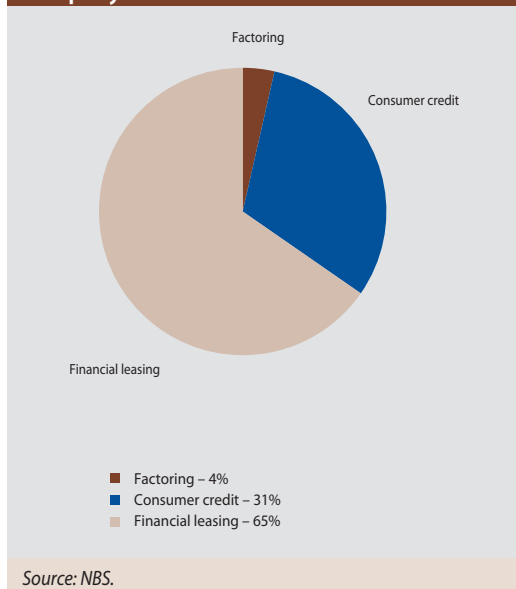
Total assets	Year-on-year change in %								
	III. 2015	VI. 2015	IX. 2015	XII. 2015	III. 2016	VI. 2016	IX. 2016	XII. 2016	III. 2017
<b>Financial leasing</b>	10.47	18.32	14.45	13.17	13.47	15.67	9.66	11.35	4.59
<b>Factoring</b>	-10.02	-3.43	-8.11	-33.65	-19.09	-32.66	-38.65	-25.40	106.58
<b>Consumer credit</b>	3.75	8.67	10.39	13.34	31.36	25.54	14.65	4.89	-1.01

Source: NBS.

<sup>1</sup> The European System of National Accounts (ESA 2010) defines 'other financial intermediaries, except insurance corporations and pension funds' as financial corporations and quasi-corporations engaged mainly in financial intermediation through the acceptance of liabilities in forms other than cash, deposits and/or close substitutes for deposits from institutional units other than monetary financial institutions, or insurance technical reserves.



**Chart 89 Total assets of financial corporations engaged in lending broken down by type of company as at 31 March 2017**



hold sector (S.14), with a share of 91.03% as at 31 March 2017, followed by the non-financial corporations sector (S.11) with a share of 8.97%.

At the end of the quarter under review, the domestic clients of factoring companies accounted for 81.16%. They were followed by clients from the rest of the world, especially from EU Member States, with a share of 15.64% as at 31 March 2017. The remaining clients were from other euro area countries and accounted for 3.20%. The clients of factoring companies as at 31 March 2017 were predominantly non-financial corporations (79.15%), followed by households (20.85%).

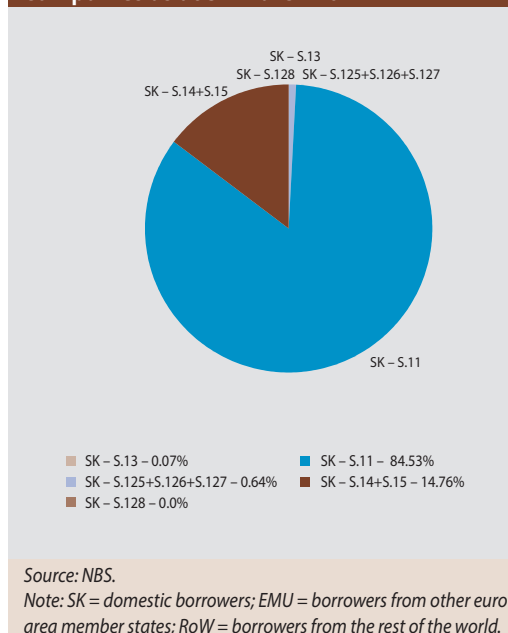
In financing through financial leasing, the share of domestic clients is 100%. They come mostly from the non-financial corporations sector (84.53%), the household sector (14.76%), and from other sectors (0.71%).

Among companies engaged in non-bank lending, the dominant position has historically been maintained by leasing companies. At the end of the quarter under review, leasing companies had a market share of 65%. They were followed by consumer credit companies (31%) and factoring companies (4%).

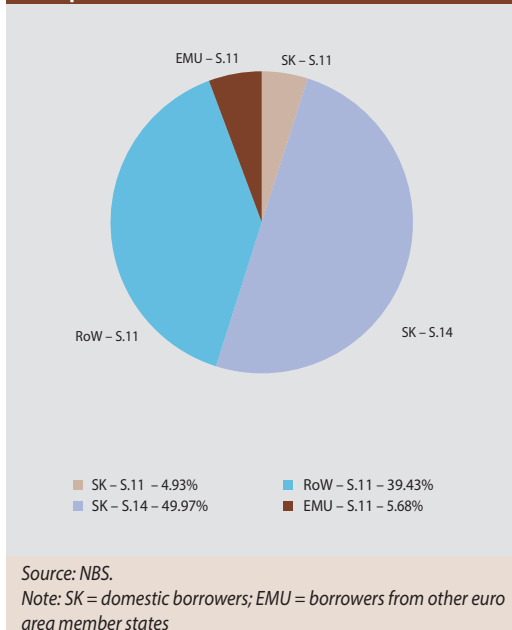
The geographical breakdown of credits and loans provided by domestic companies engaged in non-bank lending indicates that such credits and loans are used predominantly by domestic customers.

Domestic clients constituted 54.90% of the clientele of consumer credit companies as at 31 March 2017. Clients from the rest of the world accounted for 39.43% and those from other euro area countries for 5.68%. Since the purchase of consumer goods in instalments has traditionally been an important form of household financing in Slovakia, the dominant sector among domestic clients is the house-

**Chart 90 Geographical and sectoral breakdown of lending by financial leasing companies as at 31 March 2017**



**Chart 91 Geographical and sectoral breakdown of lending by consumer credit companies as at 31 March 2017**

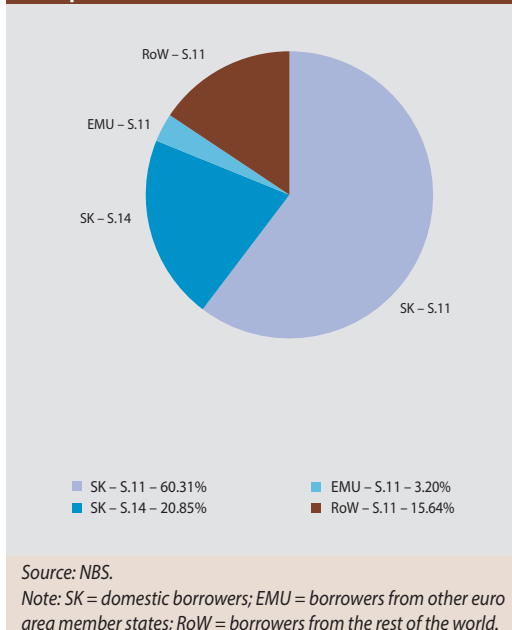


Regarding the flow of funds across the individual economic sectors, an interesting aspect is the allocation of financial resources to the types of companies under review, for the provision of credits and loans through non-bank lending channels.

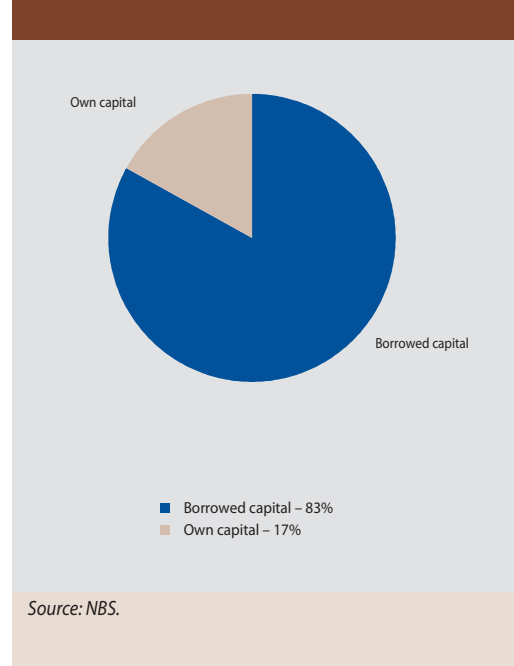
The main source of financing was foreign (borrowed) capital representing 82.97% of the total financial resources. Foreign capital was obtained mostly in the form of bank loans, which accounted for 69.86% as at 31 March 2017. The rest was obtained in the form of proceeds from issues of debt securities (17.03%) and credits or loans received from companies belonging to the same group or clients (13.10%).

The main components of own funds were share capital, retained earnings from previous periods, shares and other equity participations.

**Chart 92 Geographical and sectoral breakdown of lending by factoring companies as at 31 March 2017**



**Chart 93 Breakdown of source capital as at 31 March 2017**





# SECURITIES

## 5 SECURITIES

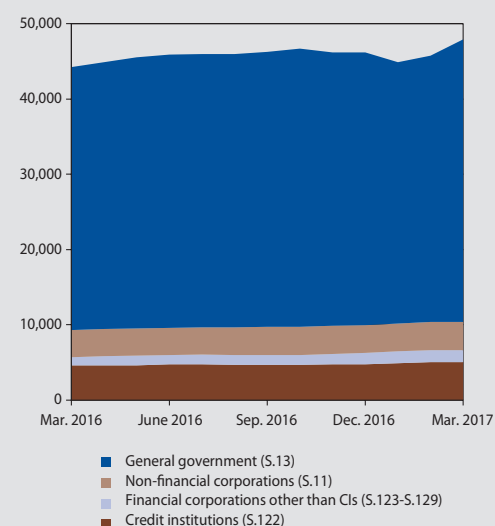
### 5.1 DEBT SECURITIES

Looking at the stock of debt securities issued in Slovakia as at 31 March 2017, government bonds amounted to €37,562.2 million, far ahead of bonds issued by monetary financial institutions (€5,031.2 million), debt securities issued by non-financial corporations (€3,688.2 million), and issues of non-monetary financial institutions (€1,638.3 million).

The net issuance of debt securities increased, quarter on quarter, by €1,774.7 million, i.e. the amount of newly issued securities was higher than the amount redeemed. The net issuance of debt securities in the general government sector increased during the first quarter of 2017 by €1,390 million. Debt securities issued by monetary and non-monetary financial institutions increased, in net terms, by €246.8 million and €152.8 million respectively, while those issued by non-financial corporations decreased by €14.9 million.

The outstanding amount of debt securities increased in the first quarter of 2017 by 3.81%, after decreasing in the previous quarter by 0.22%. This development was the result of increases in the outstanding amounts of securities issued by non-monetary financial

**Chart 94 Debt securities by sector (outstanding amounts, EUR millions)**



Source: NBS.

institutions, monetary financial institutions and general government (10.34%, 5.15% and 3.79% respectively).

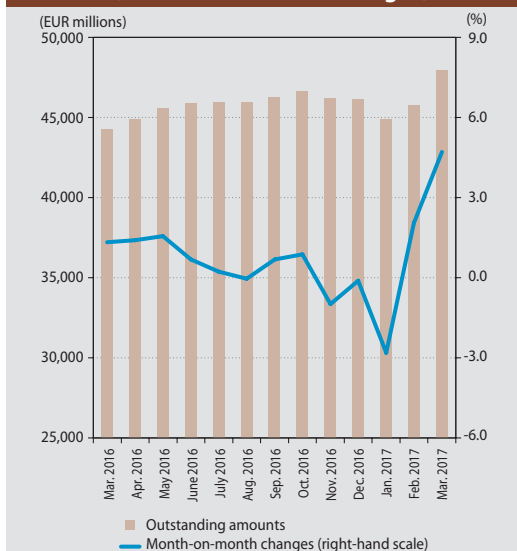
The outstanding amount of debt securities increased in the first quarter of 2017 month-on-month by 2,03% in February and by 4,69% in March and decreased by 2,82% in January.

**Table 10 Debt securities (EUR thousand)**

Month	Outstanding amounts					Net issues				
	Total	Monetary financial institutions	Non-monetary financial institutions	Nonfinancial corporations	General government	Total	Monetary financial institutions	Non-monetary financial institutions	Nonfinancial corporations	General government
2016/03	44,233,617	4,592,417	1,125,366	3,588,712	34,927,122	-52,170	178,728	169,245	60,703	-460,848
2016/06	45,856,286	4,740,326	1,243,491	3,585,782	36,286,686	1,618,470	334,196	118,125	-2,930	1,169,078
2016/09	46,262,661	4,658,014	1,324,133	3,745,103	36,535,411	397,778	-83,160	80,053	158,069	242,816
2016/12	46,161,787	4,784,963	1,484,793	3,702,234	36,189,797	-192,264	122,490	160,031	-44,177	-430,608
2017/03	47,920,428	5,031,235	1,638,250	3,688,721	37,562,222	1,774,738	246,768	152,794	-14,867	1,390,043

Source: NBS.

**Chart 95 Debt securities (outstanding amounts, month-on-month changes)**

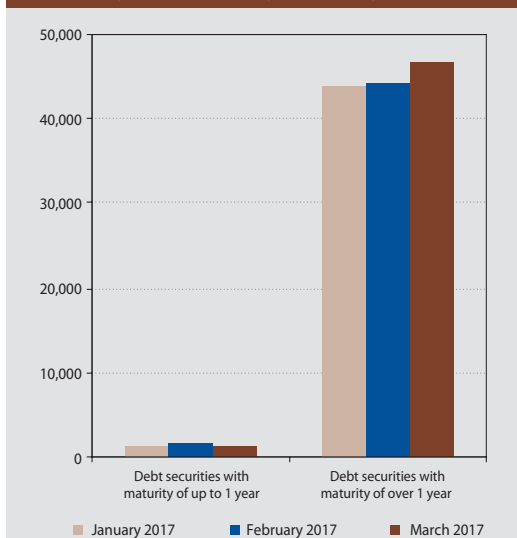


Source: NBS.

The net issuance of short-term debt securities resulted in an increase of €762.6 million in the quarter under review. This figure included an increase of €800 million in short-term government securities, an increase of €19.8 million in securities issued by banks, an increase of €8 million in securities issued by captive financial institutions, and a decrease of €65.2 million in securities issued by non-financial corporations.

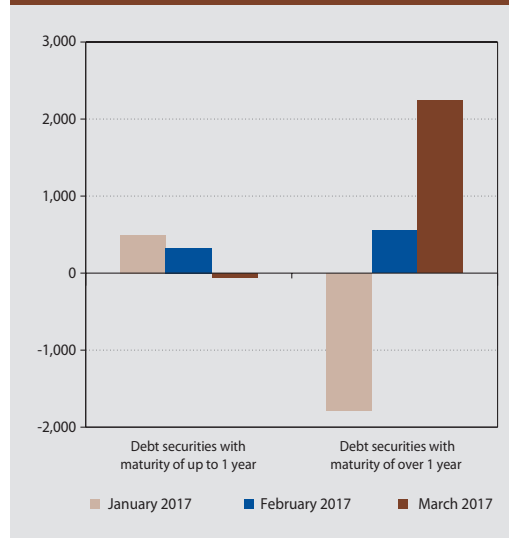
The net issuance of long-term debt securities resulted in an increase of €1,012.2 million in the quarter under review. This figure included an increase of €590 million in long-term government bonds, an increase of €227 million in long-term bank bonds, an increase of €104.1 million in bonds issued by captive financial institutions, an increase of 50.3 million in bonds issued by non-financial corporations, and an increase of €40.7 million in bonds issued by other financial intermediaries.

**Chart 96 Debt securities (outstanding amounts, EUR millions, Q1 2017)**



Source: NBS.

**Chart 97 Debt securities (net issues, EUR millions, Q1 2017)**



Source: NBS.

A total of 35 new issues were placed on the securities market in the first quarter of 2017, including 16 issued by NFCs, nine issued by banks, six issued by other financial intermediaries, three issued by captive financial institutions, and one issued by the Slovak government.

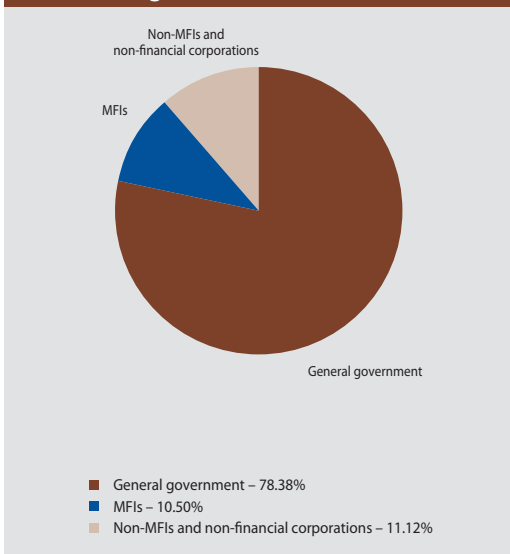
As regards the sectoral breakdown of the outstanding amount of domestic securities, general government accounted for 78.4% of the total, while MFIs and non-MFIs including NFCs had a share of around 11%. In the breakdown by coupon type, fixed coupon securities accounted for 92.92% of the total, variable coupon securities for 4.05% and

zero-coupon securities for 3.03%. Around 93.76% of the outstanding amount was denominated in euro, and 6.24% in foreign currencies.

for only 2.06% of the outstanding amount, and those with a residual maturity of up to one year had a share of around 9%.

As for the maturities of the securities, those with an original maturity of up to one year accounted

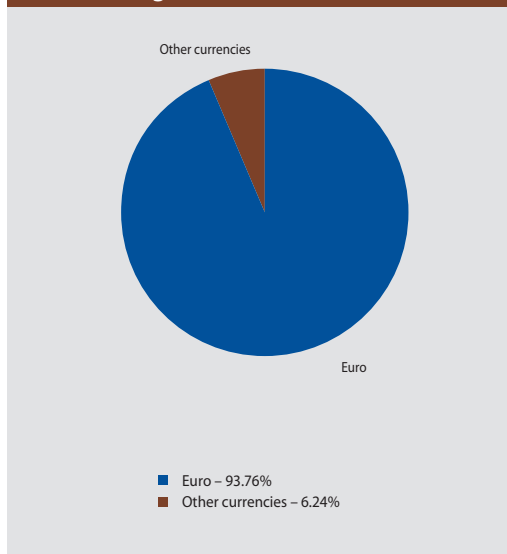
**Chart 98 Debt securities by sector (outstanding amounts as at 31 March 2017)**



Source: NBS.

Note: The individual items are classified according to the outstanding amounts of issues as at 31 March 2017.

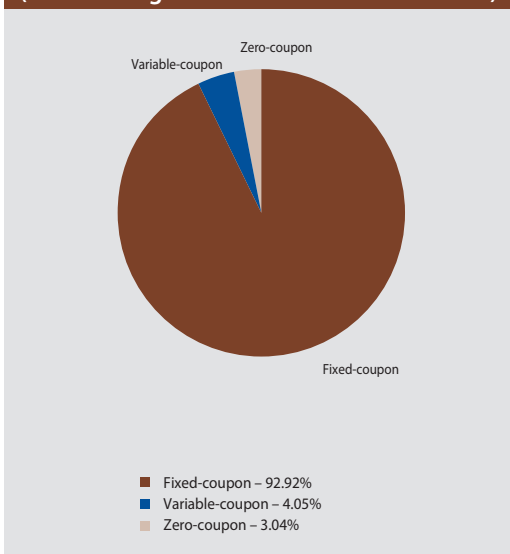
**Chart 100 Debt securities by currency (outstanding amounts as at 31 March 2017)**



Source: NBS.

Note: The individual items are classified according to the outstanding amounts of issues as at 31 March 2017.

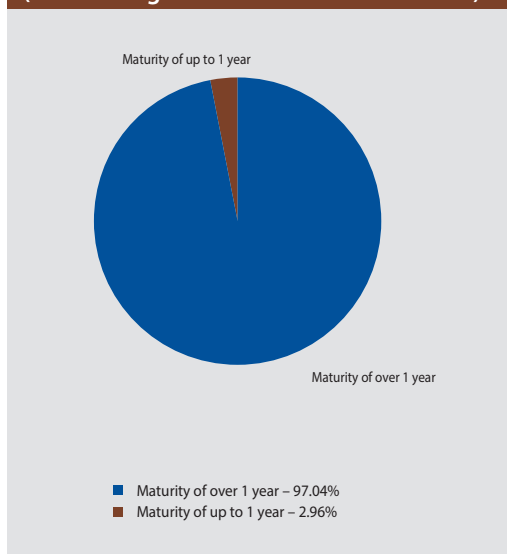
**Chart 99 Debt securities by coupon type (outstanding amounts as at 31 March 2017)**



Source: NBS.

Note: The individual items are classified according to the outstanding amounts of issues as at 31 March 2017.

**Chart 101 Debt securities by original maturity (outstanding amounts as at 31 March 2017)**



Source: NBS.

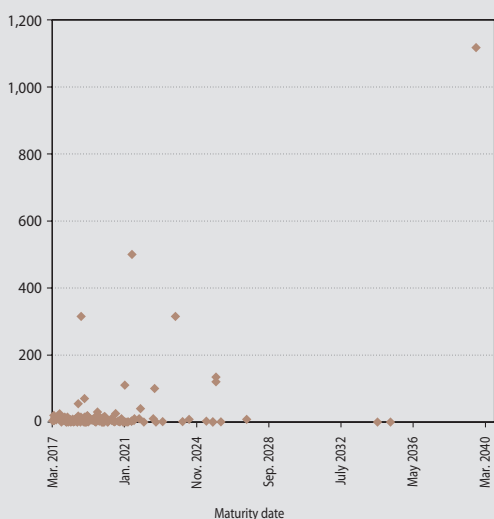
Note: The individual items are classified according to the outstanding amounts of issues as at 31 March 2017.



The following charts illustrate the outstanding amounts of issues in the three key sectors (the government sector, the banking sector, and the non-financial corporations sector) as a function of the issue amount and maturity.

The most numerous debt securities placed on the domestic market by non-financial corporations are those with an outstanding amount of up to €10 million and maturity until 2021. The largest outstanding issue amount is more than €1.1 billion and the longest maturity period exceeds 22 years.

**Chart 102 Debt securities: outstanding amounts of domestic issues in S.11 sector (EUR millions)**



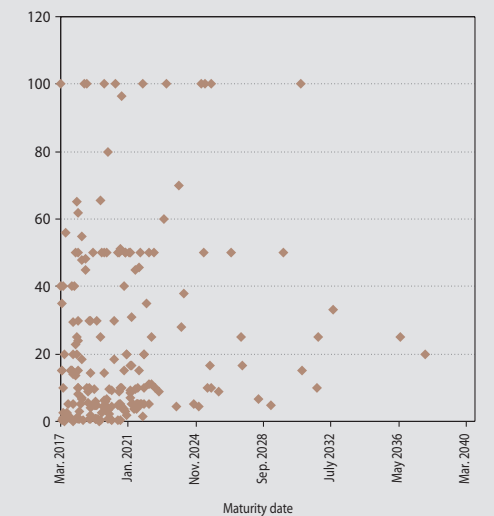
Source: NBS.

The largest concentration of outstanding amounts of debt securities issued by banks is up to €50 million and with maturity period until 2022. The largest outstanding amount fluctuates around €100 million and the longest maturity period is until 2037.

The number of debt securities issued in the government sector is lower than the number of securities issued in the aforementioned two sectors, but the outstanding amount is much higher in the former case. The issue with the highest outstanding amount is worth €3.0 billion. The most recent issue will mature in 2034.

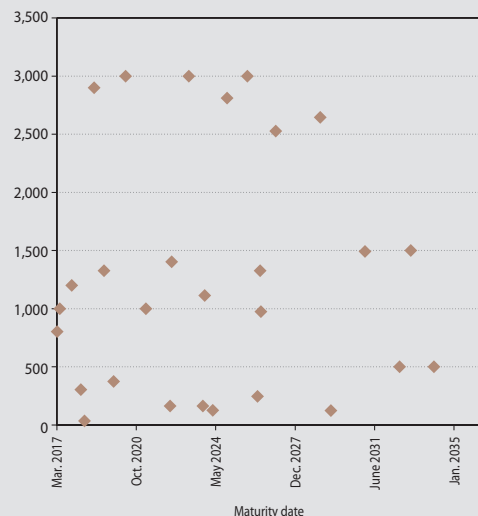
The maturity profile illustrates the course of government debt repayment based on the assumption that no new government bonds will be issued and all the existing issues will be repaid in due time.

**Chart 103 Debt securities: outstanding amounts of issues in S.122 Sector (EUR millions)**



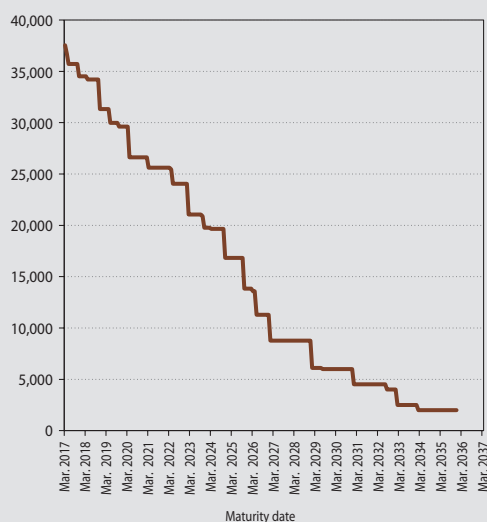
Source: NBS.

**Chart 104 Debt securities: outstanding amounts of issues in S.13 Sector (EUR millions)**



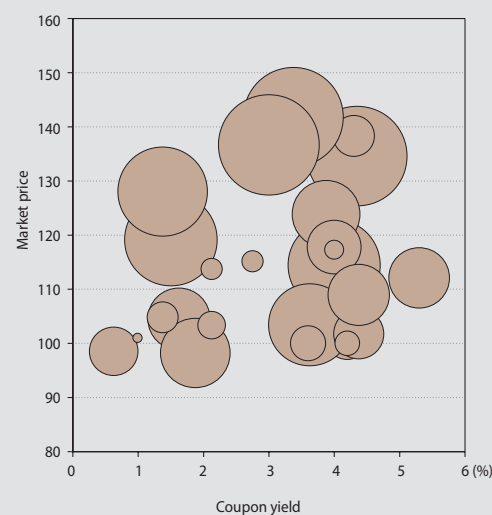
Source: NBS.

**Chart 105 Government bonds: maturity profile (EUR millions)**



Source: NBS.

**Chart 106 Government bonds: outstanding amounts (coupon bonds only)**



Source: NBS, CSDB, issue prospectus.

Note: The bubble in this chart is directly proportional in size to the outstanding amounts of the individual issues, while the centre of the bubble is given by the intersection of the market price (Source: ECB Centralised Securities Database) and the coupon yield (Source: Issue conditions).

The following chart illustrates the outstanding amounts of coupon-paying government bonds as a function of their market price and coupon yield as at the end of the first quarter of 2017. The average market price<sup>2</sup> of these government bonds stood at 120.88% and the coupon yield was 3.22% at that time.

## 5.2 LISTED SHARES

The outstanding amount of listed shares in Slovakia was €27 million higher at the end of March 2017 than at the end of the previous quarter, mainly because the amount of shares issued by credit institutions had increased by

**Table 11 Quoted shares (EUR thousand)**

Outstanding amounts				
Month	Total	Credit institutions (S.122)	Insurance corporations (S.128)	Non-financial corporations (S.11)
2016 / 03	4,506,882	2,468,491	225	2,038,165
2016 / 06	4,363,321	2,326,348	225	2,036,748
2016 / 09	4,185,824	2,330,650	225	1,854,948
2016 / 12	4,298,841	2,394,139	225	1,904,477
2017 / 03	4,325,777	2,427,376	225	1,898,176

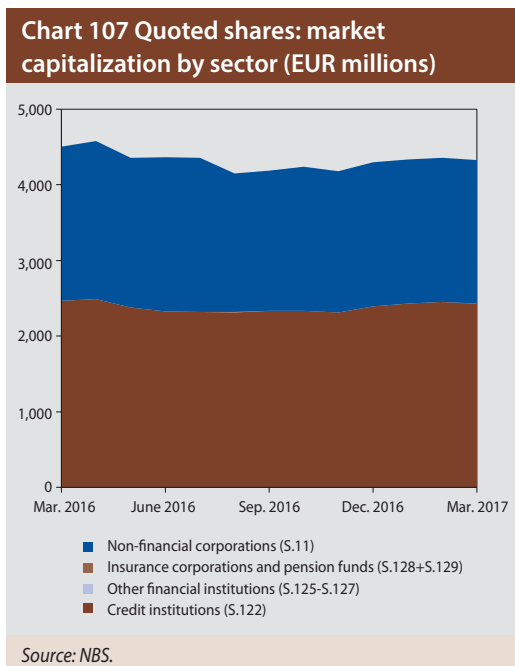
Source: NBS.

<sup>2</sup> Arithmetical average weighted by the outstanding amount of issues.





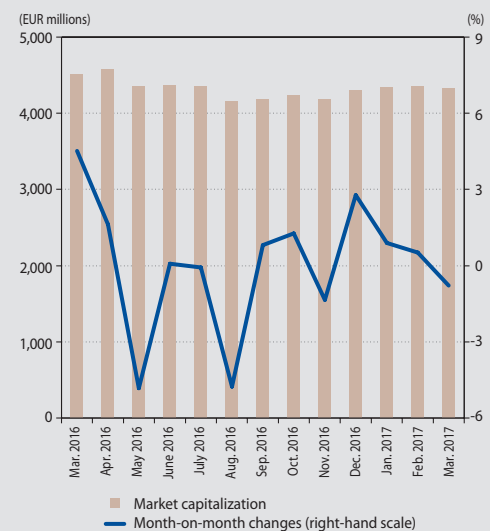
€33.3 million. The figure for insurance undertakings remained unchanged in quarter-on-quarter terms, while that for non-financial corporations fell by €6.3 million. The total market capitalisation as at 31 March 2017 amounted to €4,325.8 billion.



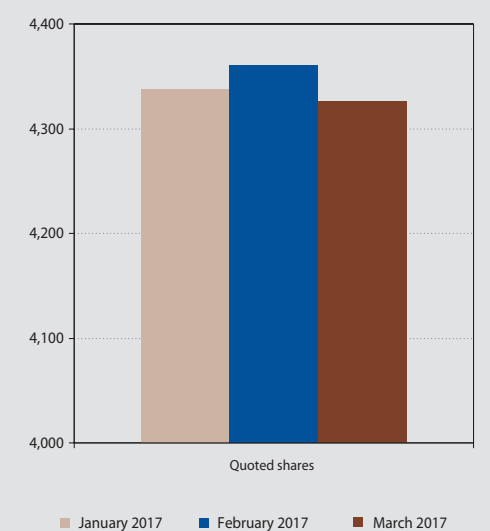
The outstanding amount of listed shares increased in the quarter under review by 0.63% quarter on quarter. The figure for credit institutions' shares was higher by 1.39%, while that for NFC shares was lower by 0.33%.

During the first quarter of 2017, the outstanding amount of listed shares increased in January (by 0.9%) and February (by 0.5%), but then decreased in March (by 0.8%).

### Chart 108 Quoted shares (market capitalization, month-on-month changes)

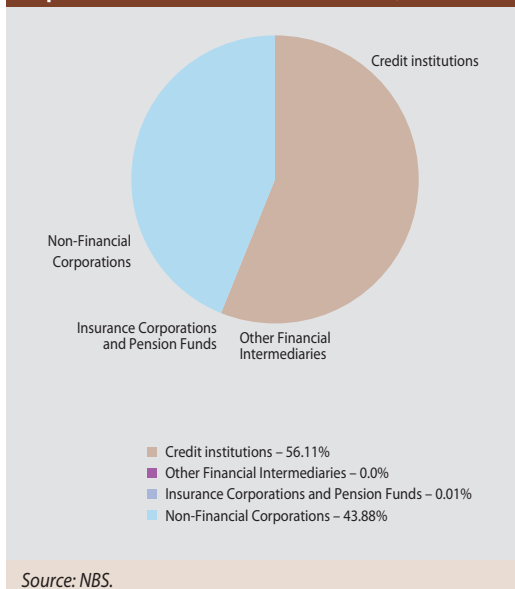


### Chart 109 Quoted shares (market capitalization, EUR millions, 1Q 2017)





**Chart 110 Quoted shares by sector (market capitalization as at 31 March 2017)**



As for the sectoral breakdown of market capitalisation in Slovakia, credit institutions accounted for 56.1% of the total and NFCs for 43.88%. The shares of other sectors were negligible.

The background image is a composite of several elements: a globe on the left with the word 'BIATEC' written across it; a modern building facade in the center; and silhouettes of three people sitting around a table in a meeting on the right. The entire image is overlaid with a grid of thin, light-colored lines.

# SELECTED MACROECONOMIC INDICATORS



## 6 SELECTED MACROECONOMIC INDICATORS

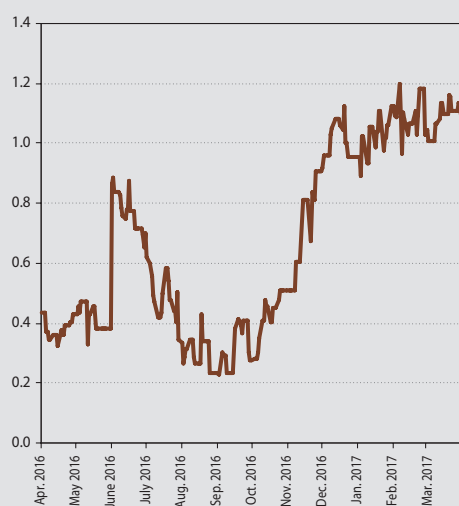
### 6.1 LONG-TERM INTEREST RATES

With effect from 1 July 2013, the approach based on a 'basket of bonds' has been replaced with a 'benchmark-oriented approach',<sup>3</sup> using the government bond SK4120009044 as a benchmark. Since then the benchmark was replaced by government bond SK4120008871 (with effect from 1 May 2014), government bond SK4120007543 (with effect from 1 June 2015), and by government bond SK4120010430 (with effect from 1 June 2016). This approach was also applied during the first quarter of 2017. During that period, the interest level rose by 0.14 percentage point, from 0.96% as at 31 December 2016 to 1.1% as at 31 March 2017.

### 6.2 KEY ECB INTEREST RATES

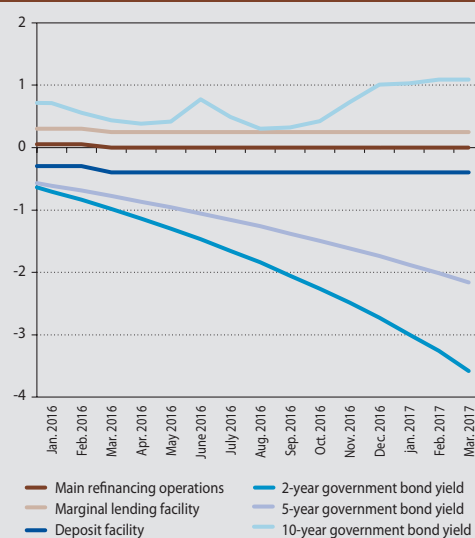
The key ECB interest rate for the main refinancing operations as at 31 March 2017 remained unchanged in comparison with the end of 2016, at 0.00%.<sup>4</sup> The key rate for the marginal lending facility also remained unchanged, at 0.25%. The deposit facility rate maintained its negative value, i.e. -40% as at 31 March 2017. The two-year government bond yield decreased during the quarter under review by 0.85 percentage point, to -3.58%. The five-year government bond yield fell in that period from -1.74% to -2.16%, while the ten-year government bond yield rose from 0.96% to 1.1%.

Chart 111 Benchmark – yield to maturity (p.a.)



Source: BCPB.

Chart 112 Interest rates (p.a.)



Source: ECB, BCPB.

<sup>3</sup> See the Methodological Notes in Chapter 7.6 Long-term interest rates.

<sup>4</sup> The current value of the key ECB interest rate has been valid since 16 May 2016.



# METHODOLOGICAL NOTES



## 7 METHODOLOGICAL NOTES

### 7.1 BALANCE-SHEET STATISTICS OF MONETARY FINANCIAL INSTITUTIONS

**Credit institutions in Slovakia:** banks and branches of foreign banks operating in Slovakia, (except Národná banka Slovenska).

**Household sector** – this sector includes:

**a/ Households (S.14):** a sub-sector comprising households (sole proprietors) and the population (citizens). Households (sole proprietors) are private entrepreneurs not registered in the Commercial Register, doing business under the Trade Licensing Act, and natural persons doing business under a law other than the Trade Licensing Act and not registered in the Commercial Register, and private farmers not registered in the Commercial Register. The population includes households in their capacity as final consumers (citizens' accounts).

**b/ Non-profit institutions serving households (S.15):** a sub-sector comprising civic interest associations (unions, societies, movements, trade unions, etc.) and their organisational units, political parties and movements, their organisational units, church and religious societies, and institutions ensuring the proper conduct of certain professions (professional organisations). This sub-sector also includes the following institutions: funds; apartment owners' associations; land, forest and pasture associations; organisations providing publicly beneficial services; humanitarian societies; social, cultural, recreational and sports associations and clubs; charities; church and private schools; private preschool facilities; non-public special-purpose funds (e.g. the anti-drug fund); interest associations of legal entities.

**Monetary financial institutions (MFI):** financial institutions which together form the money-issuing/creating sector of the euro area. These include resident central banks, credit institutions and other resident financial institutions whose business is to receive deposits and/or other redeemable instruments from entities other than MFIs and, for their own account (at least in eco-

nomic terms), to grant credit and/or invest in securities. The latter group consists predominantly of money market funds, i.e. funds investing in short-term and low-risk instruments, which usually have a maturity of up to and including one year.

**Non-financial corporations (S.11):** business entities that are registered in the Commercial Register, i.e. domestic or foreign corporate entities, domestic natural persons registered in the Commercial Register and engaged in profit-oriented activities in any area of business, except in financial intermediation and insurance. The non-financial sector also includes subsidised organisations, public institutions and non-profit institutions whose expenses are covered with sales by 50 percent or more.

**Non-performing loans:** defaulted loans that are subject to the provisions of Section 73 of NBS Decree No. 4/2007 of 13 March 2007 (as amended) on banks' own funds and own funds requirements and on investment firms' own funds and own funds requirements.

A specific borrower is considered to be in default if

- a) the bank assesses that the borrower will probably fail to meet its commitments to the bank, its subsidiary or parent company, without the security being realised;
- or
- b) the borrower is more than 90 days in arrears with a significant commitment to the bank, its subsidiary or parent company.

**Principle of residency:** the principle that a counterparty's country of residence is the country in which the counterparty has a centre of economic interest. This means that an economic agent is considered to be resident in the country where the agent operates for one or more years, or intends to operate on a permanent basis, or where the agent has already been registered.

**Remaining assets:** a residual item on the asset side of the balance sheet. In addition to fixed assets and financial derivatives with a positive fair value, this item includes, for example, accrued



revenues, including accrued interest received; profit share to be received; prepaid expenses; prepaid insurance premiums; outstanding insurance claims; claims of credit institutions not related to their main business; other cash items and cash in transit, transit items, suspense items, collection claims, advance payments and other asset items not elsewhere classified.

**Remaining liabilities:** a residual item on the liability side of the balance sheet. This item includes, for example, financial derivatives with a negative fair value; accrued expenses, including accrued interest payable on deposits and loans received, and on securities; profit share to be paid; deferred revenues; liabilities of credit institutions not related to their main business; provisions representing liabilities towards third parties; transit items; suspense items; funds waiting for settlement; subsidies; net equity of households in pension fund reserves, liabilities arising from collection, prepayments received and other liability items not elsewhere classified.

## 7.2 INTEREST RATE STATISTICS OF MONETARY FINANCIAL INSTITUTIONS

Harmonised MFI interest rate statistics are compiled from data obtained from credit institutions on deposits received from, and loans provided to, non-financial corporations and households, which are both Slovak and euro area residents. The term *households* refers to the population, including households, sole proprietors and non-profit institutions serving households. The term *new loans* or *new deposits* covers all new deposits received or loans granted during the respective reference month.

The term *outstanding amount* of loans or deposits means balances at the end of the respective reference period. Interest rates applied by credit institutions on loans or deposits are calculated as weighted arithmetic averages of the rates agreed on an annual basis.

In the case of loans provided to households for *house purchase* and *loans for consumption*, the *annual percentage rate of charge* is also reported to express the borrower's total credit-related costs. The borrower's total costs comprise the element of interest rate and the element of other

credit-related costs. The collection of the annual percentage rates of charge for statistical purposes allows developments in credit-related charges to be monitored over time.

*Secured loans* represent a new category, which is required for the compilation of interest rate statistics as from 2010. These are the loans secured by any type of collateral or a personal guarantee, the value of which is higher than, or equal to, the new loan's total volume. A partially secured loan is to be classified as unsecured.

The category of *loans of up to €1 million* for non-financial corporations is designed specifically for small and medium-sized enterprises. The *loans of over €1 million* category is intended for large corporations. Interest rates reflect the borrower's economic power to negotiate appropriate credit terms and conditions. Interest rate developments indicate that loans of *up to €1 million* are provided at higher rates than loans of *over €1 million*.

**Agreed average annual interest rate:** average interest rate individually agreed between a bank and its customer for a loan, expressed in annualised terms (percentage per annum). An agreed average annual rate is to be determined on the basis of all interest rates on loans.

An agreed interest rate is converted into an average annual interest rate according to the formula:

$$x = \left( 1 + \frac{r_{ag}}{n} \right)^n - 1,$$

where

- $x$  is the agreed average annual interest rate;
- $r_{ag}$  is the annual interest rate agreed between the bank and its customer (borrower). The dates of loan interest capitalisation are set for the year at regular intervals;
- $n$  is the number of periods of loan interest capitalisation per year, i.e. 1 for annual payments; 2 for semi-annual payments, 4 for quarterly payments, and 12 for monthly payments.

**Interest rate statistics (outstanding amounts):** these cover the outstanding amounts of bank loans of all types provided to customers and not yet repaid, and the outstanding amounts of all deposits received from customers and not yet redeemed, in all periods up to the date of report-



ing (reference period). The average interest rates agreed are expressed in annualised terms (p.a.). The method of calculation depends on the periodicity of capitalisation. The criterion for outstanding amount classification is the maturity of loans or the term of deposits.

**Interest rate statistics (new business):** these cover all the new loan and deposit agreements made between banks and their customers in the period under review (month). This applies to any agreement in which an interest rate is set for the first time, as well as to existing agreements that are renegotiated with the customers and in which the original terms and conditions are changed with an impact on interest levels (e.g. the new agreement is not prolonged automatically, variable interest rates are not changed, etc.). Interest rate statistics on new transactions cover the actual rates of interest agreed in individually negotiated agreements in the reference month. The method for calculating the average interest rates agreed, in annualised terms, depends on the periodicity of capitalisation.

**Initial rate fixation:** the period of time, set in advance, during which the interest rate on a loan is fixed. In interest rate statistics for new loans (new business), **only** the rate agreed for an initial fixation period prior to the loan agreement is reported. Loans **without** interest rate fixation are included in the category of 'variable rates and initial rate fixation for up to one year'.

### 7.3 STATISTICS OF MUTUAL FUNDS

Under the act on collective investment No. 203/2011 Coll., mutual funds are divided into open-end funds, closed-end funds, and specialised funds. Open-end mutual funds can be categorised according to the type of instrument in which they primarily invest. According to the area of investment, mutual funds are divided into money market funds, equity funds, bond funds, mixed funds, real estate funds, and other funds. The investment strategy of a fund is directly related to the expected rate of return, as well as to the risk involved. The general rule is that the higher the potential return, the higher the risk involved. Limits for investment in the individual types of instruments are defined in the Collective Investment Act.

According to the sectoral classification of economic entities, money market funds are treated as *monetary financial institutions*, classified in sector S.123 and other categories of mutual funds, referred to as investment funds are classified in sector S.124.

The statistics of mutual funds assets and liabilities are defined by the relevant regulations and guidelines of the European Central Bank<sup>5</sup>.

Money market funds (MMFs) are collective investment undertakings complying with the following criteria:

- a) they pursue the investment objective of maintaining a fund's principal and providing a return in line with the interest rates of money market instruments;
- b) they invest in money market instruments which comply with the criteria for money market instruments set out in Directive 2009/65/EC of the European Parliament and of the Council of 13 July 2009 on the coordination of laws, regulations, and administrative provisions relating to undertakings for collective investment in transferable securities, or deposits with credit institutions or, alternatively, ensure that the liquidity and valuation of the portfolio in which they invest is assessed on an equivalent basis;
- c) they ensure that the money market instruments they invest in are of high quality, as determined by the management company. The quality of a money market instrument shall be considered, inter alia, on the basis of these factors:
  - the credit quality of the money market instrument;
  - the nature of the asset class represented by the money market instrument;
  - for structured financial instruments, the operational and counterparty risk inherent within the structured financial transaction;
  - the liquidity profile;
- d) they ensure that their portfolio has a weighted average maturity of no more than six months and a weighted average life of no more than twelve months;
- e) they provide daily net asset value and a price calculation of their shares/units, and daily subscription and redemption of shares/units;
- f) they limit investment in securities to those with a residual maturity until the legal re-

<sup>5</sup> Regulation (EU) no 1073/2013 of the ECB of 18 October 2013 concerning statistics on the assets and liabilities of investment funds (recast) (ECB/2013/38). ([http://www.ecb.europa.eu/ecb/legal/pdf/en\\_02013r1073-20131127-en.pdf](http://www.ecb.europa.eu/ecb/legal/pdf/en_02013r1073-20131127-en.pdf))  
Regulation (EU) No 1071/2013 of the ECB of 24 September 2013 concerning the balance sheet of the monetary financial institutions sector (recast) (ECB/2013/33) (<http://www.ecb.europa.eu/ecb/legal/pdf/02013r1071-20131127-en.pdf>).  
Guideline of the ECB of 4 April 2014 on monetary and financial statistics (recast) (ECB/2014/15) ([http://www.ecb.europa.eu/ecb/legal/pdf/oj\\_jol\\_2014\\_340\\_r\\_0001\\_en\\_txt.pdf](http://www.ecb.europa.eu/ecb/legal/pdf/oj_jol_2014_340_r_0001_en_txt.pdf)), as amended by ECB/2014/43, ECB/2015/44 and ECB/2016/45 ([http://www.ecb.europa.eu/ecb/legal/pdf/celex\\_02014o0015-20170201\\_en\\_txt.pdf](http://www.ecb.europa.eu/ecb/legal/pdf/celex_02014o0015-20170201_en_txt.pdf)).





demption date of less than or equal to two years, provided that the time remaining until the next interest rate reset date is less than or equal to 397 days, whereby floating rate securities should be reset to a money market rate or index;

- g) they limit investment in other collective investment undertakings to those complying with the definition of MMFs;
- h) they do not take direct or indirect exposure to equity or commodities, including via derivatives, and only use derivatives in line with the money market investment strategy of the fund. Derivatives which give exposure to foreign exchange may only be used for hedging purposes. Investment in non-base currency securities is allowed provided the currency exposure is fully hedged;
- i) they have either a constant or fluctuating net asset value.

The following terms are used in the definition of a money market fund:

**Close substitutability for deposits in terms of liquidity:** the ability of shares/units of collective investment undertakings, under normal market circumstance, to be repurchased, redeemed or transferred, at the request of the holder, where the liquidity of the shares/units is comparable to the liquidity of deposits.

**Money market instruments:** instruments of a high credit quality, if they have been awarded one of the two highest available short-term credit ratings by each recognised credit rating agency that has rated the instruments or, if the instruments are not rated, they are of an equivalent quality as determined by the management company's internal rating process. Where a recognised credit rating agency divides its highest short-term rating into two categories, these two ratings shall be considered as a single category and therefore the highest rating available.

When the weighted average lifetime and the weighted average maturity are calculated, the impact of financial derivative instruments, deposits and efficient portfolio management techniques are to be taken into account.

**Undertakings for collective investment:** undertakings the sole object of which is the collec-

tive investment in transferable securities of capital raised from the public and the shares/units of which are, at the request of holders, redeemed directly or indirectly, out of those undertakings' assets. Such undertakings may be constituted under the law of contract (as *common funds* managed by an asset management company), or under the trust law (as *unit trusts*), or under the commercial law (as *investment companies*).

**Weighted average life:** the weighted average of the remaining maturity of each security held in a fund, meaning the time until the principal is repaid in full, disregarding interest and not discounting. Contrary to the calculation of the weighted average maturity, the calculation of the weighted average life for floating rate securities and structured financial instruments does not permit the use of interest rate reset dates and instead only uses a security's stated final maturity. The weighted average life is used to measure the credit risk: the longer the reimbursement of principal is postponed, the higher the credit risk. The weighted average life is also used to limit the liquidity risk.

**Weighted average maturity:** a measure of the average length of time to maturity of all of the underlying securities in the fund weighted to reflect the relative holdings in each instrument, assuming that the maturity of a floating rate instrument is the time remaining until the next interest rate reset to a money market rate, rather than the time remaining before the principal value of the security must be repaid. In practice, weighted average maturity is used to measure the sensitivity of a MMF to changing money market interest rates.

## 7.4 STATISTICS OF OTHER FINANCIAL INTERMEDIARIES

The European System of National Accounts (ESA2010) defines *other financial intermediaries, except insurance corporations and pension funds – sector S.125* (hereinafter 'OFI') as financial corporations and quasi-corporations engaged mainly in financial intermediation through the acceptance of liabilities in forms other than cash, deposits, and/or close substitutes for deposits from institutional units other than monetary financial institutions, or insurance technical reserves.



The S.125 sector comprises the following types of companies:

**1. Financial companies engaged in lending**

– companies granting credits and loans to non-financial corporations and households. They include financial leasing companies, factoring companies, and consumer credit companies.

**2. Securities and derivatives dealers** – private individuals or firms specialising in securities market transactions; 1) they provide assistance to companies issuing new securities, provide guarantee for new securities and their placement on the market; 2) they trade in existing or new securities **for their own account**.

**3. Financial holding companies**

**4. Special-purpose vehicles** – financial companies created to be holders of securitised assets or liabilities that have been removed from the balance sheets of corporations within the scope of their restructuring.

Other financial intermediaries are engaged primarily in long-term financing, which distinguishes the S.125 sector from that of S.122 and S.123 (monetary financial institutions).

Data on OFIs need to be collected for the purpose of monitoring their activities in financial intermediation outside the *monetary financial institutions* sector (MFIs – banks, branches of foreign banks, and money market funds). The activities performed by OFIs are similar to those pursued by MFIs. The two types of institutions complement each other. Since the balance sheets of MFIs reported to the European Central Bank for statistical purposes contain no data on OFIs (though OFIs are owned fully or partly by MFIs), statistical data on OFIs need to be collected for the sake of a more detailed statistical overview.

The NBS Statistics Department has been monitoring these institutions since 2007, when their obligation to report data to NBS was imposed by an NBS decree<sup>6</sup>. The range of data reported complies in full with the current requirements<sup>7</sup> of the European Central Bank regarding the statistics of other financial intermediaries.

In order to minimise the costs related to the reporting of data to NBS, the so-called stratified

cut-off tail sampling technique is applied, with data collected only from entities forming a representative sample within the given group, i.e. from entities representing at least 95% of the group's total assets. In 2012, quarterly balance-sheet data are collected from eighteen (out of ca 70) companies providing financial leasing services as the main or substantial part of their business activity, from eight (out of ca 60) consumer credit companies, and from all five factoring companies. The missing data are supplemented with estimated figures, in order that the given types of entities are covered up to 100%.

## 7.5 SECURITIES STATISTICS

### 7.5.1 SECURITIES ISSUANCE STATISTICS

The compilation of securities issues statistics is governed by the relevant guideline of the European Central Bank<sup>8</sup>. These statistics provide information on all debt securities and quoted shares issued by domestic entities in any currency and in any country.

The individual issues are classified according to the sector of issuer. Further classification is made according to currency (issues in euro or other currency), type of security (debt or quoted securities), and according to the original maturity (short-term up to one year or long-term over one year). Debt securities are further divided according to the type of coupon yield (fixed, variable, or zero coupon).

Debt securities statistics focus on the outstanding amounts of issues (stocks) and flows, which are broken down into gross issues and redemptions. The difference between them represents issues in net terms.

a) Gross issues

Gross issues during the reporting period must include all issues of debt securities and quoted shares where the issuer sells newly created securities for cash. They concern the regular creation of new instruments. The point in time at which issues have been concluded is defined as the time at which payment is made; the recording of issues must therefore reflect as closely as possible the timing of payment of the underlying issue.

6 Decree of Národná banka Slovenska No. 19/2014 on reporting by factoring, leasing and consumer credit companies for statistical purposes.

7 Guideline of the ECB of 4 April 2014 on monetary and financial statistics (recast) (ECB/2014/15) ([http://www.ecb.europa.eu/ecb/legal/pdf/oj\\_jol\\_2014\\_340\\_r\\_0001\\_en\\_txt.pdf](http://www.ecb.europa.eu/ecb/legal/pdf/oj_jol_2014_340_r_0001_en_txt.pdf)), as amended by ECB/2014/43, ECB/2015/44 and ECB/2016/45 ([http://www.ecb.europa.eu/ecb/legal/pdf/celex\\_02014o0015-20170201\\_en\\_txt.pdf](http://www.ecb.europa.eu/ecb/legal/pdf/celex_02014o0015-20170201_en_txt.pdf)).

8 Guideline of the ECB of 4 April 2014 on monetary and financial statistics (recast) (ECB/2014/15) ([http://www.ecb.europa.eu/ecb/legal/pdf/oj\\_jol\\_2014\\_340\\_r\\_0001\\_en\\_txt.pdf](http://www.ecb.europa.eu/ecb/legal/pdf/oj_jol_2014_340_r_0001_en_txt.pdf)), as amended by ECB/2014/43, ECB/2015/44 and ECB/2016/45 ([http://www.ecb.europa.eu/ecb/legal/pdf/celex\\_02014o0015-20170201\\_en\\_txt.pdf](http://www.ecb.europa.eu/ecb/legal/pdf/celex_02014o0015-20170201_en_txt.pdf)).

**b) Redemptions**

Redemptions during the reporting period cover all repurchases of debt securities and quoted shares by the issuer, where the investor receives cash for the securities. Redemptions concern the regular deletion of instruments. They cover all debt securities reaching their maturity date, as well as early redemptions. Company share buy-backs are covered, if the company repurchases all shares against cash prior to a change of its legal form, or part of its shares against cash which are cancelled, leading to a reduction in capital.

**c) Net issues**

Net issues represent the balance of all issues made, minus all redemptions that have occurred during the reporting period.

Outstanding amounts in the reporting period should be equal to the outstanding amounts recorded in the previous period, increased by gross issues made in the reporting period and reduced by issues redeemed in the same period. In the same way, the outstanding amounts in the reporting period can be expressed as the outstanding amounts recorded in the previous period, plus net issues in the reporting period (see the Scheme 1 below).

In fact, differences may occur as a result of price and exchange rate changes, reclassification, revision, or other adjustments.

**7.5.2 DEBT SECURITIES**

For debtors, debt securities represent an alternative to bank loans; for creditors, they represent a possible substitute for bank deposits and marketable instruments issued by banks.

Securities issues statistics cover the following instruments:

**i) Short-term debt securities**

- Treasury bills and other short-term paper issued by the general government;
- negotiable short-term securities issued by financial and non-financial corporations; a variety of terms are used for such paper including, for example commercial papers, commercial bills, promissory notes, bills of trade, bills of exchange and certificates of deposit;
- short-term securities issued under long-term underwritten note issuance facilities;
- bankers' acceptances.

**ii) Long-term debt securities**

- bearer bonds;
- subordinated bonds;
- bonds with optional maturity dates, the latest of which is more than one year away;
- undated or perpetual bonds;
- variable rate notes;
- convertible bonds;
- covered bonds;
- index-linked securities where the value of the principal is linked to a price index, the price of a commodity or to an exchange rate index;
- deep-discounted bonds;
- zero coupon bonds;
- euro bonds;
- global bonds;
- privately issued bonds;
- securities resulting from the conversion of loans;
- loans that have become negotiable de facto;
- special types of bonds (debentures) and borrowed securities (loan stock) convertible into shares, whether the shares of the issuing corporation or shares of another company, as long as they have not been converted. Where

**Scheme 1**

a)	outstanding issues at the end of the reporting period	≈	outstanding issues at the end of the previous reporting period	+	Gross issues during the reporting period	-	Redemptions during the reporting period
b)	outstanding issues at the end of the reporting period	≈	outstanding issues at the end of the previous reporting period	+	Net issues during the reporting period		



separable from the underlying bond, the conversion option, considered to be a financial derivative, is excluded;

- shares or stocks that pay a fixed income but do not provide for participation in the distribution of the residual value of the corporation on dissolution, including non-participating preference shares;
- financial assets issued as part of the securitisation of loans, mortgages, credit card debt, accounts receivable, and other assets.

The following instruments are excluded:

- transactions in securities as part of repurchase agreements;
- issues of non-negotiable securities;
- non-negotiable loans.

### 7.5.3 QUOTED SHARES

Quoted shares are defined in this case as shares that have been admitted to trading on a quoted market, i.e. the main or parallel market, as well as shares admitted to trading on a regulated free market, but only if they have a fair market value. Their values are reported as market capitalisation for the individual sectors.

Quoted shares include:

- capital shares issued by limited liability companies;
- redeemed shares in limited liability companies;
- dividend shares issued by limited liability companies;
- preferred or preference stocks or shares which provide for participation in the distribution of the residual value on dissolution of a corporation; these may be quoted or unquoted on a recognised stock exchange;
- private placements where possible.

If a company is privatised and the government keeps part of the shares and the other part is quoted on a regulated market, the whole value of the company's capital is recorded within the outstanding amount of quoted shares, since all shares could potentially be traded at any time at market value. The same applies if part of the shares is sold to large investors and only the remaining part, i.e. free float, is traded on the stock exchange.

Quoted shares exclude:

- shares offered for sale but not taken up on issue;
- debentures and loan stock convertible into shares; these are included once they are converted into shares;
- the equity of partners with unlimited liability in incorporated partnerships;
- government investments in the capital of international organisations which are legally constituted as corporations with share capital;
- issues of bonus shares at the time of issue only and split share issues; bonus shares and split shares are, however, included indistinguishably in the total stock of quoted shares.

### 7.6 LONG-TERM INTEREST RATES

Long-term interest rate stability is one of the convergence criteria laid down in the Maastricht Treaty. This criterion expresses the requirement for sustainable convergence, which is to be achieved by each Member State. The average nominal long-term interest rate in a Member State must not exceed, by more than 2%, the average nominal long-term interest rate in the three Member States with the lowest inflation rates in the year following the last assessment. The interest rates are measured on the basis of *long-term government bond rates* or the rates for comparable securities.

The statistical principles of long-term interest rate reporting are defined in the following key terms.

The term *bond issuer* refers to the *central government*. The *maturity of government bonds* is a residual maturity period of around ten years. The residual maturity period is recommended to be between 9.5 and 10.5 years. The type of bonds used should be sufficiently *liquid*. This requirement affects the choice between a *benchmark-oriented approach* and an *approach based on a basket of bonds*, depending on the national conditions. The benchmark-oriented approach treats bonds as a key indicator of the market conditions. The bond issue with the highest liquidity and turnover is often the most recent issue of sizeable volume. The



approach based on a basket of bonds offers a choice of bonds from various types of bonds with various ISIN codes. The bonds available have the same weight.

In view of the situation in the local market for securities, the *benchmark-oriented approach* had been used until the end of January 2012. From the entry of Slovakia into the euro area to January 2012, daily yields to maturity were reported to the ECB for the following government bond issues:

SK4120004318 Benchmark for the period  
01/2009 – 06/2010

SK4120007204 Benchmark for the period  
07/2010 – 01/2012.

With effect from 1 February 2012, the benchmark-oriented approach has been replaced with an approach based on a basket of bonds.

This basket included two government bond issues that fully complied with the criteria:

SK4120004318 and SK4120007543 Benchmark for the period 02/2012 – 06/2013.

With effect from 1 July 2013, the *approach based on a basket of bonds* has been replaced with a *benchmark-oriented approach*.

SK4120004318 Benchmark for the period  
07/2013 – 04/2014

SK4120008871 Benchmark for the period  
05/2014 – 05/2015

SK4120007543 Benchmark for the period  
06/2015 – 05/2016

SK4120010430 Benchmark for the period  
06/2016 – to date.



NÁRODNÁ BANKA SLOVENSKA  
EUROSYSTEM



# GLOSSARY AND ABBREVIATIONS



## ABBREVIATIONS

APRC	Annual percentage rate of charge
ECB	European Central Bank
ESA2010	European System of Accounts
MFI	Monetary financial institutions (banks, branches of foreign banks, money market funds)
MMF	Money market funds
NMFI	Non-monetary financial institutions
p. p.	Percentage point
P	Provisions
S	Securities
SASS	Slovak Association of Asset Management Companies
SDDS	Special Data Dissemination Standard as defined by the International Monetary Fund



## GLOSSARY

**Aggregate balance sheet of Slovakia:** a summary statistical balance sheet of all monetary and financial institutions based in Slovakia, excluding NBS.

**Building loans:** loans provided by home savings banks under Act No. 310/1992 Coll. on home savings as amended.

**Consumer loans:** defined for reporting purposes as loans provided for the purpose of personal consumption, i.e. the purchase of goods and services.

**Investment loans:** loans tied to the cycle of fixed assets, where the individual components of fixed assets are tied for a period longer than one year (except for loans provided for the purchase and/or technical development of land and buildings).

**Intermediate loans:** loans provided by home savings banks under the provisions of Act No. 310/1992 Coll. on home savings as amended.

**Key ECB interest rates:** the interest rates set by the Governing Council of the European Central Bank (ECB), determining the monetary policy stance of the ECB. These interest rates are the rate for the main refinancing operations, the rate for the marginal lending facility, and the rate for the deposit facility.

**Monetary financial institutions (MFI):** national central banks, credit institutions and other financial institutions whose business is to collect deposits and/or other redeemable instruments from entities other than MFIs, to grant credit and loans, and to make investments in securities for their own account (e.g. money market funds).

**Mortgage loans:** loans with a maturity of at least four years (but not more than 30 years), which are secured by a lien on domestic real estate and which satisfy the requirements laid down in Section 68 of Act No. 483/2001 Coll. on banks and on amendments to certain laws as amended.

**Nominal value of loan:** the outstanding amount of the loan principal, excluding accruals and other due amounts.

**Non-performing loan:** any loan where the bank assesses that the borrower is unlikely to meet its commitments without the security being realised, or where the borrower is more than 90 days in arrears with a significant commitment to the bank.

**Operating loans:** loans tied to the cycle of operating (current) assets, where the individual current asset components are usually fixed for a period of up to one year. Such loans are provided, for example, for the purchase of material supplies, raw materials, semi-finished goods, finished products, claims related to trade credits, or for the coverage of seasonal fluctuations in economic activities.

**Original maturity period:** the time aspect of claims and liabilities classification based on the contractual (agreed) maturity period.

**Other real estate loans:** real estate loans other than mortgage loans, building loans, or intermediate loans.

**Pension funds:** funds managed by pension fund management companies or supplementary pension asset management companies.





## GLOSSARY AND ABBREVIATIONS

**Real estate loans:** all loans provided for the purchase and/or technical development of land and buildings, which are registered with the Land Registry under Act No. 162/1995 Coll. on land registries and registration of ownership title and other rights to real estate (the Land Registry Act) as amended.

**Residual maturity period:** for claims and liabilities, the residual maturity period is the difference between the agreed maturity date and the date for which the relevant report/statement is compiled, i.e. usually the end of a month, quarter, or year.

**Secured loans:** for the purpose of interest rate statistics, these are loans secured up to their total amount using the technique of 'funded credit protection', or secured by a guarantee using the technique of 'unfunded credit protection' so that the value of collateral or guarantee is higher or equal to the total amount of the new loan. If the requirements for credit protection are not satisfied, the new loan is considered unsecured.



## SECTOR CLASSIFICATION

Classification of institutional sectors and sub-sectors according to the European System of National and Regional Accounts (ESA2010):

### **S.1 Residents – Slovakia (residents of the Slovak Republic)**

**Residents – Other euro area member states** (euro area residents, except SR residents)

#### **S.11 Non-financial corporations**

#### **S.12 Financial corporations**

S.121 Central Bank (Národná banka Slovenska)

S.122 Credit institutions

S.123 Money market funds

S.124 Investment funds

S.125 Other financial intermediaries

S.126 Financial auxiliaries

S.127 Captive financial institutions and money lenders

S.128 Insurance corporations

S.129 Pension funds

#### **S.13 General government**

S.1311 Central government

S.1312 Regional government

S.1313 Local government

S.1314 Social security funds

#### **S.14 Households**

S.141 Employers

S.142 Own-account workers

S.143 Employees

S.144 Recipients of property incomes, pensions and other transfer incomes

S.145 Others

#### **S.15 Non-profit institutions serving households**

### **S.2 Rest of the world** (all countries, except Slovakia and the euro area)



## LIST OF ADDITIONAL LINKS

### Sector breakdown:

<http://ec.europa.eu/eurostat/en/web/products-manuals-and-guidelines/-/KS-02-13-269>

### Revision policy:

[http://www.nbs.sk/\\_img/Documents/STATIST/MET/revpola.pdf](http://www.nbs.sk/_img/Documents/STATIST/MET/revpola.pdf)

### Structure of the financial market

List of monetary financial institutions:

<http://www.nbs.sk/en/statistics/financial-institutions/banks/statistical-and-analytical-overview/monetary-statistics-of-monetary-financial-institutions#ZOZPFI>

List of investment funds:

<http://www.nbs.sk/en/statistics/financial-institutions/money-market-funds-and-investment-funds>

List of other financial intermediaries:

<http://www.nbs.sk/en/statistics/financial-institutions/factoring-leasing-and-consumer-credit-companies/statistics-on-financial-corporations-engaged-in-lending>

Overview of developments in the monetary sector:

<http://www.nbs.sk/en/statistics/financial-institutions/banks/statistical-and-analytical-overview/a-survey-of-financial-sector-development>

### Statistics of credit institutions and monetary statistics

Statistics of monetary financial institutions:

<http://www.nbs.sk/en/statistics/financial-institutions/banks/statistical-and-analytical-overview/monetary-statistics-of-monetary-financial-institutions>

Monetary aggregates in the euro area:

<http://www.nbs.sk/en/statistics/financial-institutions/banks/statistical-and-analytical-overview/monetary-statistics-of-monetary-financial-institutions#M3-PFI>

Balance sheets of monetary financial institutions based in the euro area:

<http://www.ecb.int/stats/money/aggregates/bsheets/html/index.en.html>

### Interest rate statistics:

<http://www.nbs.sk/en/statistics/financial-institutions/banks/statistical-and-analytical-overview/interest-rate-statistics>

Interest rate statistics – bank loans:

<http://www.nbs.sk/en/statistics/financial-institutions/banks/statistical-and-analytical-overview/interest-rate-statistics/banking-interest-rates-statistics-loans>

Interest rate statistics – bank deposits:

<http://www.nbs.sk/en/statistics/financial-institutions/banks/statistical-and-analytical-overview/interest-rate-statistics/banking-interest-rates-statistics-deposits>

Interest rates statistics for the euro area:

<http://www.ecb.europa.eu/stats/money/interest/interest/html/index.en.html>



Long-term interest rate statistics:

<http://www.nbs.sk/en/statistics/financial-markets/interest-rates/long-term-interest-rates-statistics>

**Non-performing loans:**

[http://www.nbs.sk/\\_img/Documents/STATIST/MET/Bad\\_Loans.pdf](http://www.nbs.sk/_img/Documents/STATIST/MET/Bad_Loans.pdf)

**Source data of monetary financial institutions:**

<http://www.nbs.sk/en/statistics/financial-institutions/banks/statistical-data-of-monetary-financial-institutions>

**Statistics of investment funds:**

<http://www.nbs.sk/en/statistics/financial-institutions/money-market-funds-and-investment-funds/investment-funds-statistics>

**Statistics of financial corporations engaged in lending (FCLs):**

<http://www.nbs.sk/en/statistics/financial-institutions/factoring-leasing-and-consumer-credit-companies/statistics-on-financial-corporations-engaged-in-lending>

**Source data of other financial intermediaries (OFIs):**

<http://www.nbs.sk/en/statistics/financial-institutions/factoring-leasing-and-consumer-credit-companies/statistical-data>

**Securities issues statistics:**

<http://www.nbs.sk/en/statistics/financial-markets/securities/securities-issues-statistics>

**Securities custody statistics:**

<http://www.nbs.sk/en/statistics/financial-markets/securities/securities-custody-statistics>

**Data categories within SDDS standard:**

<http://www.nbs.sk/en/statistics/data-categories-of-sdds>



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