

# Statistical bulletin

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# 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 data as at the end of March 2020. 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

# 1 Structure of the financial market in Slovakia

## 1.1 Overview of participants

The total number of monetary financial institutions (in sectors S.121, S.122 and S.123) remained unchanged in the first quarter of 2020.

The total number of investment funds (S.124) as at 31 March 2020 remained unchanged, too, compared with the figure recorded at the end of 2019, with minor changes observed in the structure of funds by investment strategy. The 'equity funds' category included a new open-end global equity fund, namely *Tatra Asset Management, správ. spol., a.s., globálny akciový o.p.f.* In the 'bond funds' category, however, the open-end bond fund *ČSOB Dlhopisový o.p.f.* was dissolved in the period under review, through merger with the investment company *ČSOB Asset Management, a.s.*

| Table 1 Structure of the financial market in Slovakia           |            |            |            |            |            |
|---|------------|------------|------------|------------|------------|
|   | III. 2019  | VI. 2019   | IX. 2019   | XII. 2019  | III. 2020  |
| <b>Monetary financial institutions (S.121 + S.122 + S.123)</b>  | <b>28</b>  | <b>28</b>  | <b>28</b>  | <b>28</b>  | <b>28</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>27</b>  | <b>27</b>  | <b>27</b>  |
| <i>Banks</i>  | 9          | 9          | 9          | 9          | 9          |
| <i>Branches of foreign banks</i>                                | 14         | 14         | 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>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   | <b>0</b>   |
| <b>Investment Funds (S.124)</b>                                 | <b>91</b>  | <b>90</b>  | <b>91</b>  | <b>94</b>  | <b>94</b>  |
| <i>Equity funds</i>   | 12         | 12         | 13         | 13         | 14         |
| <i>Bond funds</i>   | 20         | 20         | 20         | 21         | 20         |
| <i>Mixed funds</i>  | 42         | 41         | 41         | 41         | 41         |
| <i>Real estate funds</i>  | 7          | 7          | 7          | 9          | 9          |
| <i>Other funds</i>  | 10         | 10         | 10         | 10         | 10         |
| <b>Other financial intermediaries (S.125)</b>                   | <b>170</b> | <b>169</b> | <b>169</b> | <b>169</b> | <b>168</b> |
| <b>Financial auxiliaries (S.126)</b>                            | <b>39</b>  | <b>42</b>  | <b>42</b>  | <b>41</b>  | <b>41</b>  |
| <i>Asset Management Companies</i>                               | 9          | 10         | 10         | 10         | 10         |
| <i>Pension Savings Companies</i>                                | 6          | 6          | 6          | 5          | 5          |
| <i>Supplementary Pension Asset Management Companies</i>         | 4          | 4          | 4          | 4          | 4          |
| <i>Securities and derivatives dealers<sup>1)</sup></i>          | 20         | 22         | 22         | 22         | 22         |
| <b>Insurance corporations and pension funds (S.128 + S.129)</b> | <b>51</b>  | <b>50</b>  | <b>50</b>  | <b>47</b>  | <b>47</b>  |
| <i>Insurance corporations</i>                                   | 15         | 14         | 14         | 13         | 12         |
| <i>Pension funds</i>  | 36         | 36         | 36         | 34         | 35         |

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.

The number of financial auxiliaries (S.126) remained unchanged quarter on quarter. In the ‘insurance corporations and pension funds’ sector (S.128 + S.129), the number of insurance corporations fell by one in the period under review, after the merger of two life assurance companies, namely AEGON Životná poisťovňa, a.s., and NN Životná poisťovňa, a.s.

| Table 2 Total assets of individual sectors of the financial market in Slovakia (EUR millions) |                |                |                |                |                |
|---|----------------|----------------|----------------|----------------|----------------|
|   | III. 2019      | VI. 2019       | IX. 2019       | XII. 2019      | III. 2020      |
| <b>Monetary financial institutions (S.121 + S.122)</b>  | <b>125,537</b> | <b>129,404</b> | <b>131,910</b> | <b>134,344</b> | <b>134,171</b> |
| Central bank (S.121)  | 42,769         | 44,682         | 46,210         | 47,828         | 48,011         |
| Deposit taking corporations excl. the central bank (S.122)                                    | 82,768         | 84,722         | 85,700         | 86,516         | 86,160         |
| <b>Money Market Funds (S.123)</b>   | <b>0</b>       | <b>0</b>       | <b>0</b>       | <b>0</b>       | <b>0</b>       |
| <b>Investment funds (S.124)</b>   | <b>7,020</b>   | <b>7,236</b>   | <b>7,318</b>   | <b>7,498</b>   | <b>7,052</b>   |
| <b>Other financial intermediaries (S.125)</b>   | <b>6,838</b>   | <b>6,827</b>   | <b>6,834</b>   | <b>7,053</b>   | <b>6,900</b>   |
| <b>Financial auxiliaries (S.126)</b>  | <b>328</b>     | <b>332</b>     | <b>344</b>     | <b>364</b>     | <b>384</b>     |
| <b>Insurance corporations and pension funds (S.128 + S.129)</b>                               | <b>17,954</b>  | <b>18,433</b>  | <b>18,895</b>  | <b>19,017</b>  | <b>18,495</b>  |
| Insurance corporations <sup>1)</sup>  | 7,202          | 7,359          | 7,456          | 7,388          | 7,151          |
| Pension funds   | 10,752         | 11,074         | 11,439         | 11,629         | 11,344         |

Source: NBS.

1) Slovak Insurers' bureau (SIB) has been established by virtue of the Act No. 381/2001 on Compulsory MTPL Insurance and on changes in, and amendments to, some laws.

## 1.2 Employees in the banking sector

The total number of employees in Slovakia's banking sector dropped in the first quarter of this year, to 20,279 at the end of March. This represented a decrease of 336 (1.63%) in the number of employees, compared with the figure recorded a year earlier.

In quarter-on-quarter terms, the number of people employed in the banking sector decreased in the period under review by 223 (1.09%), continuing its downward trend that began in the middle of 2019.

The number of central bank employees continued to decline slowly, too, for the third quarter in a row. At the end of March 2020, the central bank had a staff of 1,105.

The long-term trend in banking sector employment has also been affected by other events, such as organisational changes instituted in some banks at the beginning of 2018, which stimulated employment growth in the banking sector. The following periods, however, saw no major organisational or personnel changes in this sector.

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

|  | 2018   |        |        |         | 2019   |        |        |         | 2020   |
|--|--------|--------|--------|---------|--------|--------|--------|---------|--------|
|  | 31. 3. | 30. 6. | 30. 9. | 31. 12. | 31. 3. | 30. 6. | 30. 9. | 31. 12. | 31. 3. |
| <b>Banking sector</b>                      | 20,709 | 20,638 | 20,573 | 20,649  | 20,615 | 20,581 | 20,695 | 20,502  | 20,279 |
| Central bank                               | 1,097  | 1,097  | 1,102  | 1,110   | 1,111  | 1,105  | 1,114  | 1,109   | 1,105  |
| <b>Banks and branches of foreign banks</b> | 19,612 | 19,541 | 19,471 | 19,539  | 19,504 | 19,476 | 19,581 | 19,393  | 19,174 |
| Of which: Banks                            | 17,947 | 17,900 | 17,777 | 17,820  | 17,785 | 17,752 | 17,864 | 17,687  | 17,452 |
| Branches of foreign banks                  | 1,665  | 1,641  | 1,694  | 1,719   | 1,719  | 1,724  | 1,717  | 1,706   | 1,722  |

Source: NBS.

### 1.3 Structure of share capital in the banking sector

The ratio of domestic share capital to total subscribed capital in the banking sector decreased slightly in the quarter under review, from 5.05% as at 31 March 2019 to 5.00% as at 31 March 2020.

Of 27 credit institutions operating in Slovakia, domestic share capital was part of the subscribed capital of eight domestic credit institutions, with two banks (*ČSOB stavebná sporiteľňa, a.s.*, and *Slovenská záručná a rozvojo-  
vávajúca banka, a.s.*) having a 100% share of domestic capital.

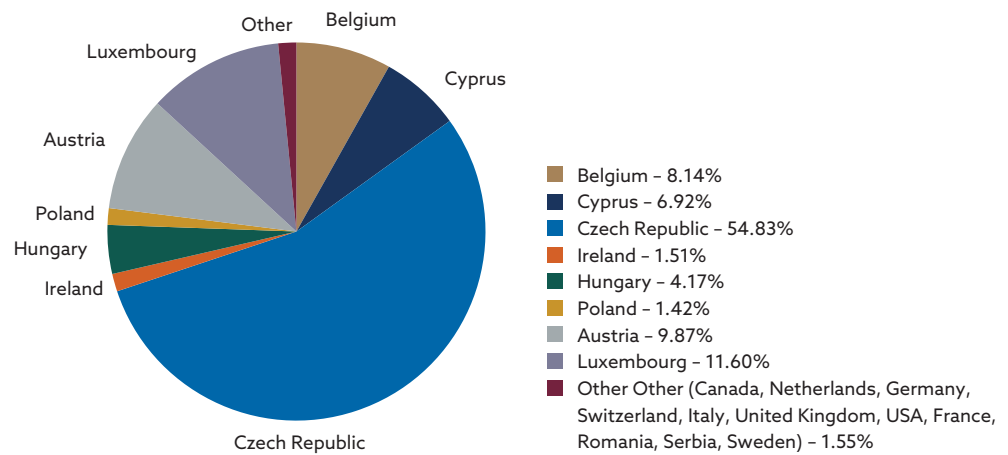
By contrast, the ratio of foreign share capital to total subscribed capital in domestic banks increased, year on year, from 94.95% as at 31 March 2019 to 95.00% as at 31 March 2020.

Over the same period, the total volume of foreign share capital increased in absolute terms by €32.68 million (in relative terms by 0.91%). This increase was accounted for largely by foreign capital from the Czech Republic. The share of Czech capital in domestic banks increased from 54.56% of the total volume of foreign share capital as at 31 March 2019 to 54.83% as at 31 March 2020 (by €27.64 million in absolute terms). This increase in Czech-held capital took place mostly within the group of foreign bank branches.

The group of 'other countries' in Charts 1 and 2 includes countries with a share of less than 1% in the total foreign share capital of banks operating in Slovakia (Canada, the Netherlands, Germany, Switzerland, Italy, Great Britain, the United States, France, Romania, Serbia and Sweden). In the period under review, 'other countries' accounted for €56.06 million (1.55%) of banks' total foreign share capital.

**Chart 1**

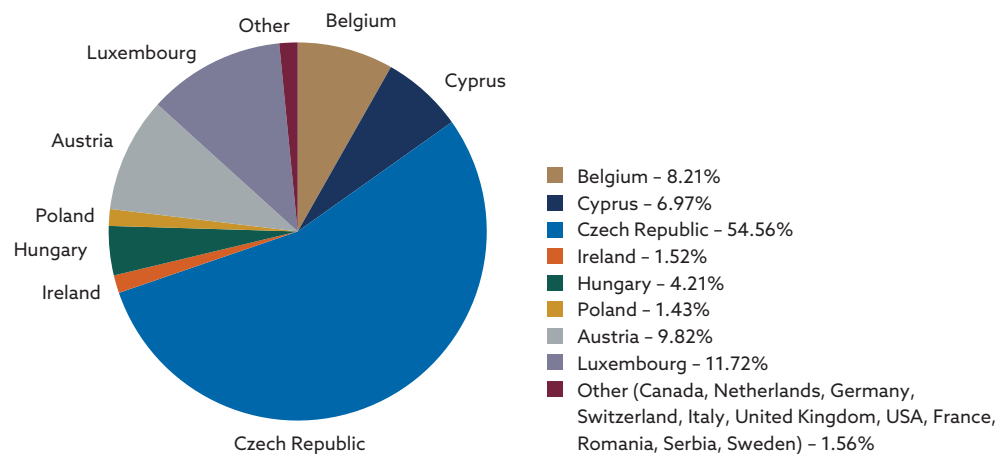
**Foreign capital in the banks in the Slovak Republic as at 31.03.2020**



Source: NBS.

**Chart 2**

**Foreign capital in the banks in the Slovak Republic as at 31.03.2019**



Source: NBS.

## 2 Statistics of other monetary financial institutions

### 2.1 Balance sheet statistics of credit institutions: assets

The total assets of banks and foreign bank branches operating in Slovakia, excluding NBS (hereinafter ‘credit institutions’) amounted to €86.2 billion at the end of the first quarter of 2020. This was due to a year-on-year increase of 4.1% (€3.4 billion), stemming mostly from the growing stock of credit claims.

Credit institutions’ credit claims constituted 81% of their total assets as at 31 March 2020 (i.e. 0.5 percentage point less than a year earlier). The stock of credit claims increased year on year by 3.5% (€2.3 billion), owing mainly to a rise of €3.6 billion in long-term credit claims with a maturity of over five years. Credit claims with a maturity of up to five years on the other hand decreased by €1.3 billion year on year in total.

Credit institutions’ holdings of securities other than equities and investment fund shares/units accounted for 13% of their total assets as at 31 March 2020, which represented a rise of 0.4 percentage point year on year. The volume of these securities in the portfolios of credit institutions increased, year on year, by €0.8 billion (7.6%), mainly as a result of growth in the stock of securities with a maturity of over two years (by €0.7 billion) and those with a maturity of up to one year (by €0.1 billion). Securities with a maturity of over one year and up to two years have not been held by banks since September 2018.

Credit institutions’ holdings of shares and other equity participations constituted 0.9% of their total assets as at 31 March 2020, which was somewhat more than in the same period a year earlier. The stock of shares and other equity participations in the aggregated portfolio of credit institutions increased by 4.9% year on year.

Credit institutions’ other assets (including fixed assets) accounted for 3.9% of their total assets as at 31 March 2020, which represented a decrease of 0.2 percentage point year on year. The volume of other assets (including fixed assets) fell in the period under review by €0.33 billion year on year. Credit institutions’ cash holdings constituted only approximately 1.2% of their total assets at the end of March 2020.

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

|  | III. 2019         | VI. 2019          | IX. 2019          | XII. 2019         | III. 2020         |
|--|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>ASSETS</b>  | <b>82,767,601</b> | <b>84,722,033</b> | <b>85,700,447</b> | <b>86,516,137</b> | <b>86,160,360</b> |
| Cash   | 792,254           | 836,196           | 834,315           | 984,353           | 1,056,890         |
| Loan claims  | 67,477,476        | 69,204,240        | 69,447,623        | 69,871,714        | 69,812,265        |
| Securities other than shares and mutual funds shares/units | 10,400,791        | 10,307,721        | 10,809,607        | 11,281,617        | 11,193,044        |
| Shares and other equity (incl. MMF shares/units)           | 703,000           | 729,299           | 769,723           | 832,842           | 737,514           |
| Other assets (incl. fixed assets)                          | 3,394,080         | 3,644,577         | 3,839,179         | 3,545,611         | 3,360,647         |

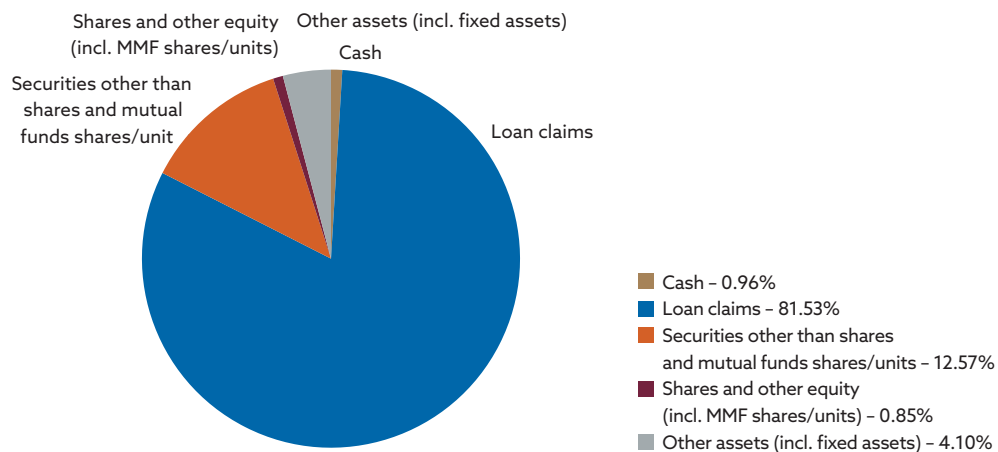
Source: NBS.

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

2) Assets excluding depreciation and including provisions.

### Chart 3

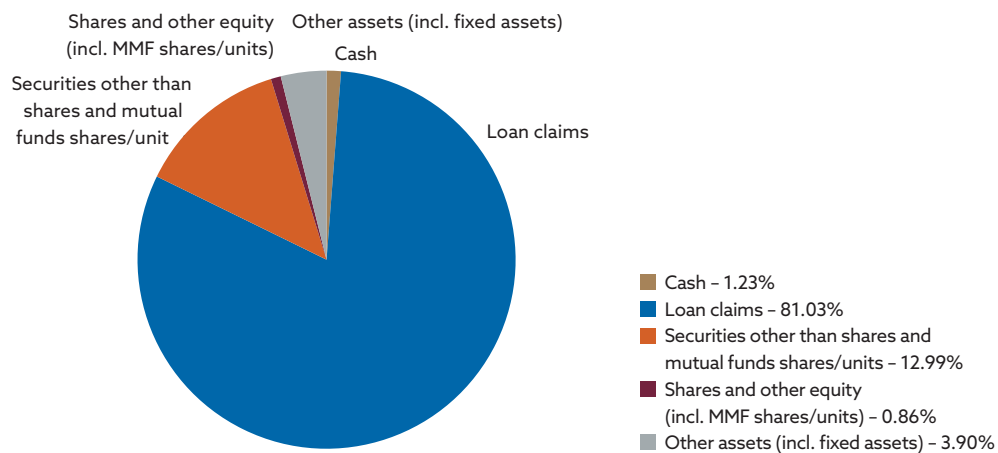
#### Structure of assets of credit institutions as at 31st March 2019



Source: NBS.

### Chart 4

#### Structure of assets of credit institutions as at 31st March 2020



Source: NBS.

## 2.2 Balance sheet statistics of credit institutions: liabilities

The total liabilities of credit institutions as at 31 March 2020 amounted to €86.2 billion, which was 4.1% (€3.4 billion) more than a year earlier, owing mainly to an increase in the stock of loans and deposits received.

Credit institutions' largest liability item – loans and deposits received – decreased in the first quarter of this year, by 0.7 percentage point, to 77% at the end of March. The stock of these loans and deposits increased, year on year, by €2 billion (3.1%), owing mainly to growth in the stock of loans and deposits received, with a maturity of up to one year.

Credit institutions' capital and provisions constituted 12.5% of their total liabilities as at 31 March 2020, which was slightly less than a year earlier. The volume of capital and provisions at that date was higher by €0.3 billion (3%) than a year earlier.

Credit institutions' debt securities issued accounted for 7.8% of their total liabilities as at 31 March 2020, which represented an increase compared with the figure recorded a year earlier. The volume of these debt securities amounted to €6.7 billion at that date, representing a year-on-year increase of €1 billion (almost 16.6%) that took place mostly in debt securities issued with a maturity of over two years.

Credit institutions' other liabilities constituted 2.6% of their total liabilities as at 31 March 2020. The stock of other liabilities as at that date was higher, year on year, by €0.1 billion (6.8%).

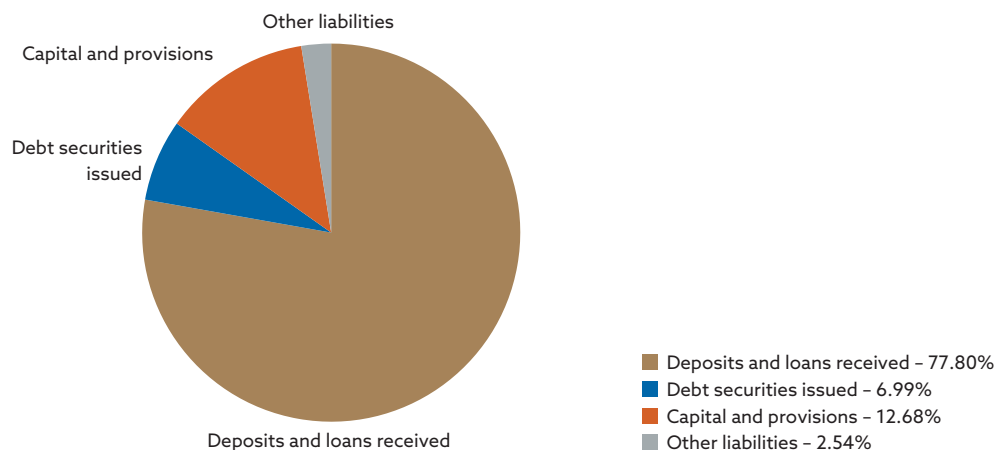
**Table 5 Structure of liabilities of credit institutions in SR (EUR thousands)**

|                             | III. 2019         | VI. 2019          | IX. 2019          | XII. 2019         | III. 2020         |
|-----------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| <b>LIABILITIES</b>          | <b>82,767,601</b> | <b>84,722,033</b> | <b>85,700,447</b> | <b>86,516,137</b> | <b>86,160,360</b> |
| Deposits and loans received | 64,392,374        | 65,411,279        | 65,837,530        | 66,891,669        | 66,369,904        |
| Debt securities issued      | 5,783,116         | 6,495,993         | 6,656,315         | 7,033,164         | 6,744,657         |
| Capital and provisions      | 10,491,725        | 10,427,979        | 10,571,673        | 10,689,765        | 10,803,612        |
| Other liabilities           | 2,100,386         | 2,386,782         | 2,634,929         | 1,901,539         | 2,242,187         |

Source: NBS.

**Chart 5**

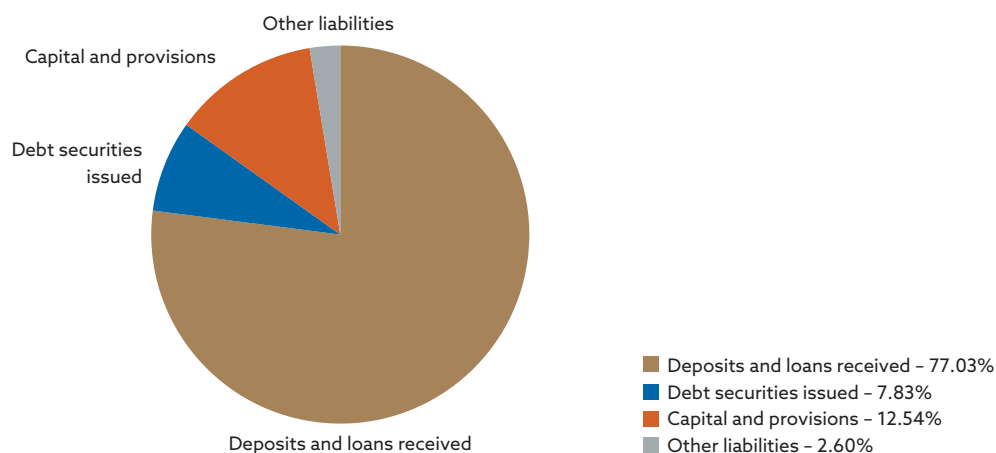
**Structure of liabilities of credit institutions as at 31st March 2019**



Source: NBS.

**Chart 6**

**Structure of liabilities of credit institutions as at 31st March 2020**



Source: NBS.

## 2.3 Selected asset and liabilities items by residency of counterparty

Credit institutions' total credit claims amounted to €69.8 billion at the end of the first quarter of this year, 91% (€63.8 billion) of which were claims on domestic entities. Credit claims on entities from other euro area countries and from the rest of the world accounted for 2.5% (€1.7 billion) and 6% (€4.2 billion) respectively.

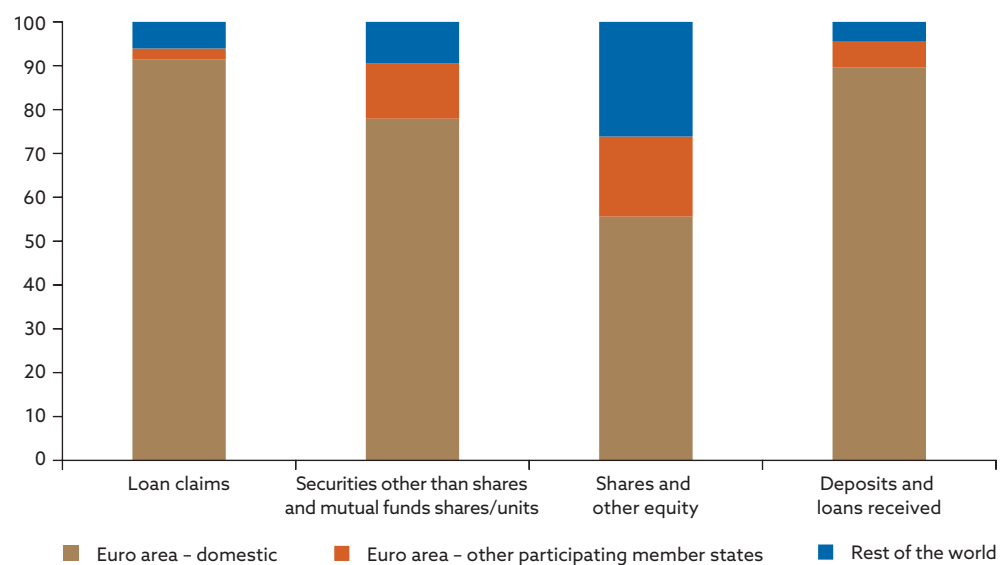
Credit institutions' total holdings of securities other than equities and investment fund shares/units amounted to €11.2 billion at the end of March 2020, 78% (€8.7 billion) of which were issued by domestic issuers, 12.6% (€1.4 billion) by issuers from other euro area countries, and 9.5% (€1.1 billion) by issuers from the rest of the world.

Credit institutions' total holdings of shares and other equity participations amounted to €0.7 billion, 56% (€0.4 billion) of which were domestic securities and participations, 18% were equity securities from other euro area countries, and 26% were equity securities from the rest of the world.

Loans and deposits received by credit institutions amounted to €66.4 billion at the end of March 2020, 90% (€59.4 billion) of which were received from domestic entities, 6% (€3.9 billion) from other euro area countries, and 4.5% (€3 billion) from the rest of the world.

### Chart 7

Selected assets/liabilities: breakdown of counterparties by residency as at 31 March 2020 (%)



Source: NBS.

## 2.4 Selected asset and liability items by sector of counterparty

Credit institutions' total **domestic** credit claims as at the end of the first quarter of 2020 amounted to €63.8 billion, 95% (€60.4 billion) of which were claims on other sectors, i.e. sectors other than the general government sector and that of monetary financial institutions (MFIs), especially on households and non-profit institutions serving households, and on non-financial corporations (NFCs).

Claims on domestic MFIs accounted for 3.8% (€2.4 billion) of the total stock of domestic credit claims as at 31 March 2020, and those on the general government sector accounted for 1.6% (€1 billion).

Credit institutions' total holdings of domestic securities other than equities and investment fund shares/units as at 31 March 2020 amounted to €8.7 billion, 87% (€7.6 billion) of which were debt securities issued in the general government sector.

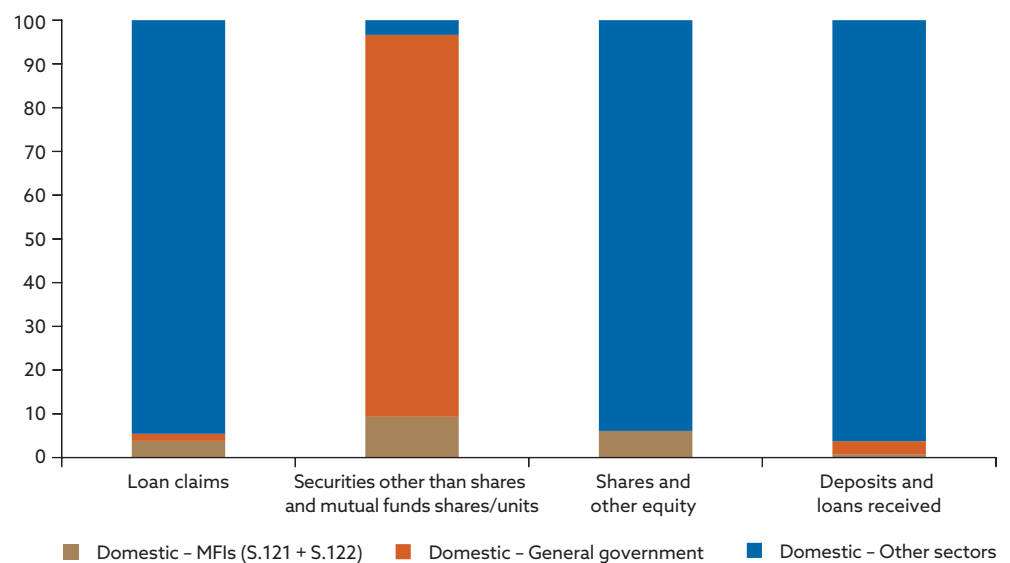
Securities other than equities and investment fund shares/units issued by domestic MFIs accounted for 9%, and those issued by entities from other domestic sectors for 4%.

Credit institutions' total holdings of domestic shares and other equity participations (including investment fund shares/units) amounted to roughly €0.4 billion, 94% of which were equity securities issued by entities from other sectors and 6% were equity securities issued by domestic MFIs.

The total volume of loans and deposits received from domestic entities amounted to €59.4 billion at the end of the review period, 96% of which were deposits received from other sectors, mostly households, 3% were loans and deposits received from the general government sector, and 1% were loans and deposits received from domestic MFIs.

### Chart 8

**Selected assets/liabilities: sectoral breakdown of domestic counterparty as at 31st March 2020 (%)**



Source: NBS.

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

2) General government (S.13)

3) Other sectors = Investment funds other than money markets 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).

Credit institutions' total claims on **residents of other euro area countries** amounted to €1.7 billion at end-March 2020, 72% (€1.2 billion) of which were claims on other sectors and 28% claims on MFIs from other euro area countries.

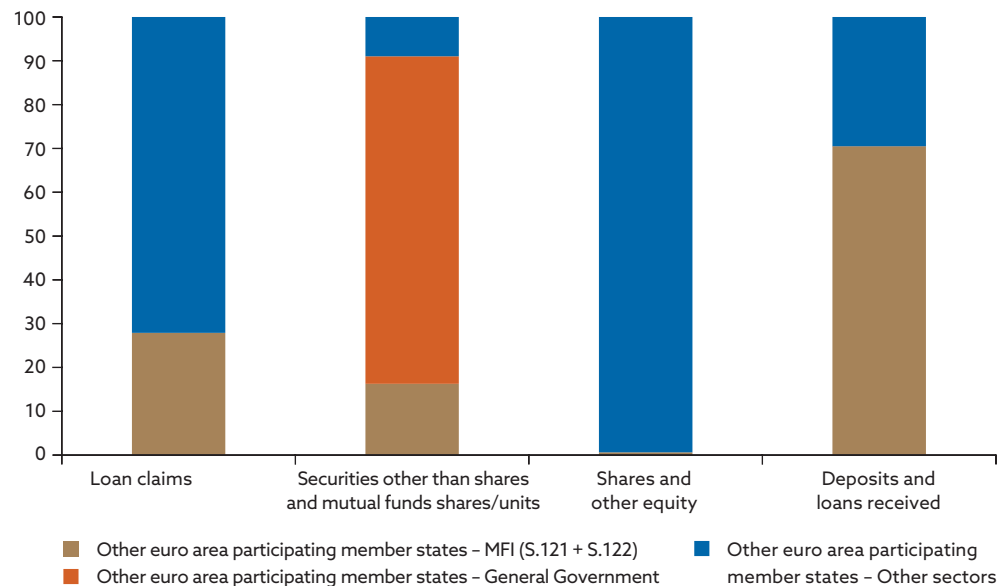
Credit institutions' total holdings of securities other than equities and investment fund shares/units, issued by issuers from other euro area countries, amounted to €1.4 billion at end-March 2020, 75% (€1.1 billion) of which were issued in the general government sector, 16% (€0.2 billion) by MFIs, and 9% by issuers from other sectors.

Credit institutions' total holdings of shares and other equity participations, issued by issuers from other euro area countries, amounted to €0.1 billion at end-March 2020, of which equity securities issued by entities from other sectors constituted 99% and the remaining 1% were issued by MFIs.

Loans and deposits received from residents of other euro area countries amounted to €3.9 billion in total, 70% (€2.8 billion) of which were loans and deposits received from MFIs and 30% (€1.2 billion) were deposits received from other sectors.

#### Chart 9

**Selected assets/liabilities: sectoral breakdown of counterparty from other euro area member states as at 31st March 2020 (%)**



Source: NBS.

Credit institutions' total claims on the **rest of the world** amounted to €4.2 billion at end-March 2020, 51% (€2.1 billion) of which were claims on MFIs and 49% (€2.1 billion) were claims on other sectors.

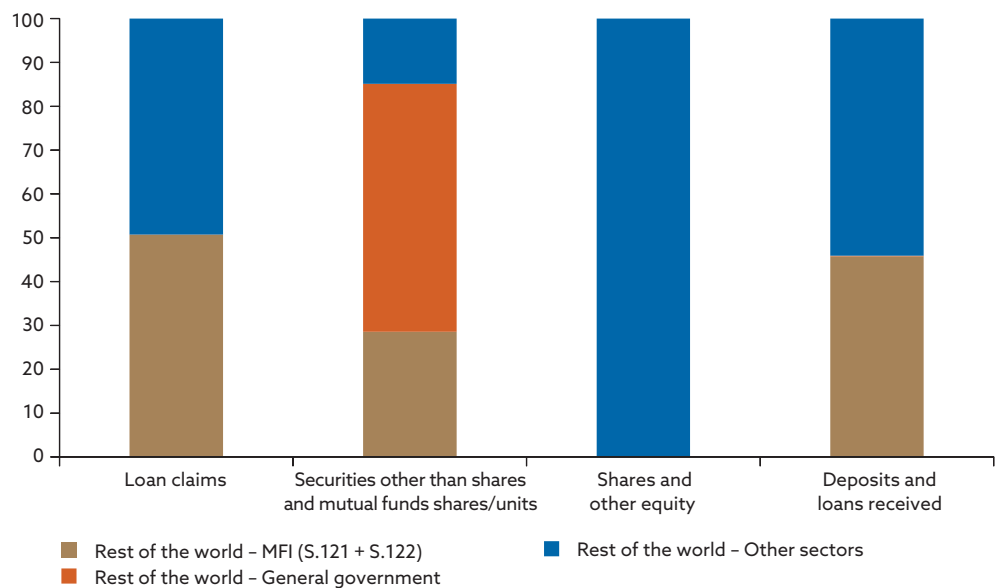
Credit institutions' holdings of securities other than equities and investment fund shares/units, issued by issuers from the rest of the world, amounted to €1.1 billion at end-March 2020, 57% (€0.6 billion) of which were issued in the general government sector, 29% by MFIs, and 15% by issuers from other sectors.

Credit institutions' holdings of shares and other equity participations issued by issuers from the rest of the world amounted to €0.2 billion at end-March 2020, all of which were equity securities issued by issuers from other sectors (i.e. sectors other than the general government and MFI sectors).

The volume of loans and deposits received from residents of the rest of the world amounted to almost €3 billion at end-March 2020, 55% (€1.6 billion) of which were received from other sectors and 45% (€1.4 billion) from MFIs. The share of loans and deposits received from the general government sector was negligible.

#### Chart 10

Selected assets/liabilities: sectoral breakdown of counterparty from the rest of the world as at 31st March 2020 (%)



Source: NBS.

## 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 of the year from 31 March 2019 to 31 March 2020, the largest being an increase of 6.7% (€5.4 billion) recorded at the end of the third quarter of 2019.

Credit institutions' total credit claims recorded their biggest annual change in the second quarter of 2019, when their stock increased, year-on-year, by €5.3 billion (8.3%), of which claims with a maturity of over five years accounted for €4 billion and claims with a maturity of over one year and up to five years for €0.2 billion. Credit claims with a maturity of up to one year recorded, at end-June 2019, a year-on-year increase of €1 billion.

Credit institutions' total holdings of securities other than equities and investment fund shares/units also showed year-on-year increases in the last two quarters. In the first quarter of 2020, a year-on-year increase of 7.6% was recorded.

Credit institutions' total holdings of shares and other equity participations (including investment fund shares/units) were relatively low at the end of the quarters under comparison. The highest amount (€0.8 billion) and biggest annual change (a year-on-year increase of 26% or €0.2 billion) were recorded at the end of the last quarter of 2019.

The biggest annual change in the total stock of credit institutions' other assets (including fixed assets) was recorded at the end of the third quarter of 2019, i.e. a year-on-year increase of 31% (€0.9 billion).

Credit institutions' total cash holdings changed most profoundly in percentage terms in the first quarter of 2020, when their stock increased by more than one-third on a year-on-year basis.

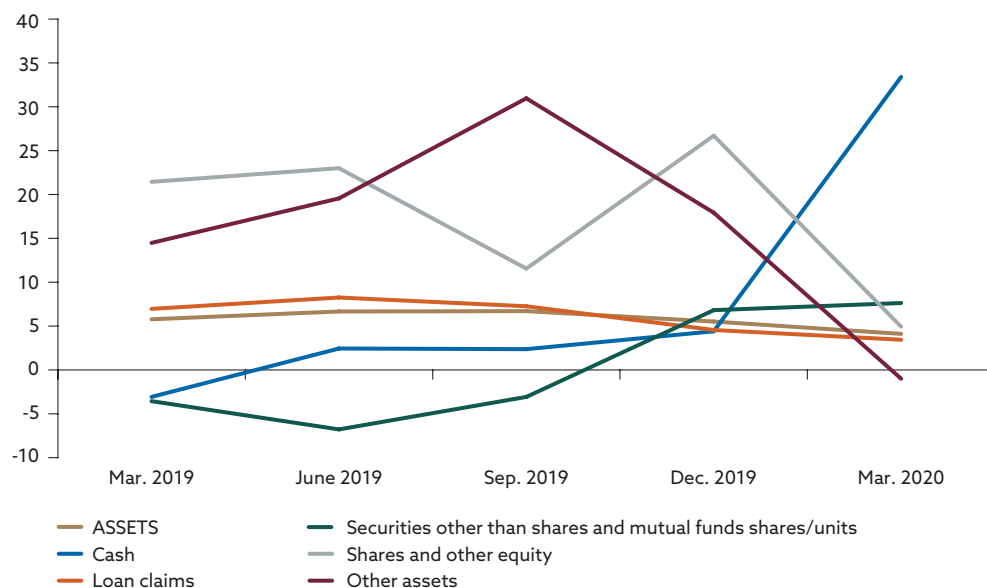
**Table 6 Year-on-year changes in assets of credit institutions in the SR (in %)**

|   | III. 2019   | VI. 2019    | IX. 2019    | XII. 2019   | III. 2020   |
|---|-------------|-------------|-------------|-------------|-------------|
| <b>ASSETS</b>   | <b>5.79</b> | <b>6.67</b> | <b>6.69</b> | <b>5.50</b> | <b>4.10</b> |
| Cash  | -3.08       | 2.43        | 2.37        | 4.41        | 33.40       |
| Loan claims   | 6.96        | 8.28        | 7.27        | 4.54        | 3.46        |
| Loan claims – up to 1 year  | -1.38       | 7.56        | 8.05        | -1.47       | -6.27       |
| Loan claims – over 1 and up to 5 years  | 0.05        | 4.04        | -1.72       | -3.68       | -5.82       |
| Loan claims – over 5 years  | 11.03       | 9.18        | 8.48        | 7.69        | 7.88        |
| Securities other than shares and mutual funds shares/units                          | -3.56       | -6.77       | -3.06       | 6.81        | 7.62        |
| Securities other than shares and mutual funds shares/units up to 1 year             | 550.91      | 209.88      | -23.14      | 47.72       | 35.57       |
| Securities other than shares and mutual funds shares/units over 1 and up to 2 years | -100.00     | -100.00     |             |             |             |
| Securities other than shares and mutual funds shares/units over 2 years             | -6.29       | -7.79       | -2.65       | 5.59        | 6.63        |
| Shares and other equity   | 21.44       | 23.02       | 11.55       | 26.71       | 4.91        |
| Other assets  | 14.47       | 19.56       | 30.98       | 17.92       | -0.99       |

Source: NBS.

**Chart 11**

**Year-on-year changes in assets of credit institutions (change of stock in %)**



Source: NBS.

Credit institutions' **total liabilities** have increased, year on year, over the last few quarters. The steepest increase in the total stock of these liabilities was recorded at the end of the third quarter of 2019, i.e. a year-on-year increase of 6.7% (€5.4 billion).

Loans and deposits received by credit institutions grew most rapidly in the first quarter of 2019, i.e. by 5.5% (€3.4 billion) year on year. This growth was caused exclusively by loans and deposits received with a maturity of up to one year.

The stock of debt securities issued in the period under review recorded its biggest annual change in the last quarter of 2019. This was a year-on-year increase of 31% (€1.7 billion) that stemmed mainly from an increase in the stock of securities with a maturity of over two years.

The most significant annual change in credit institutions' capital and provisions was recorded at the end of the first quarter of 2019, i.e. a year-on-year increase of 4.6% (€0.5 billion).

The stock of credit institutions' other liabilities changed most significantly year on year in the third quarter of 2019, when a year-on-year increase of 43% was recorded at the end of that quarter.

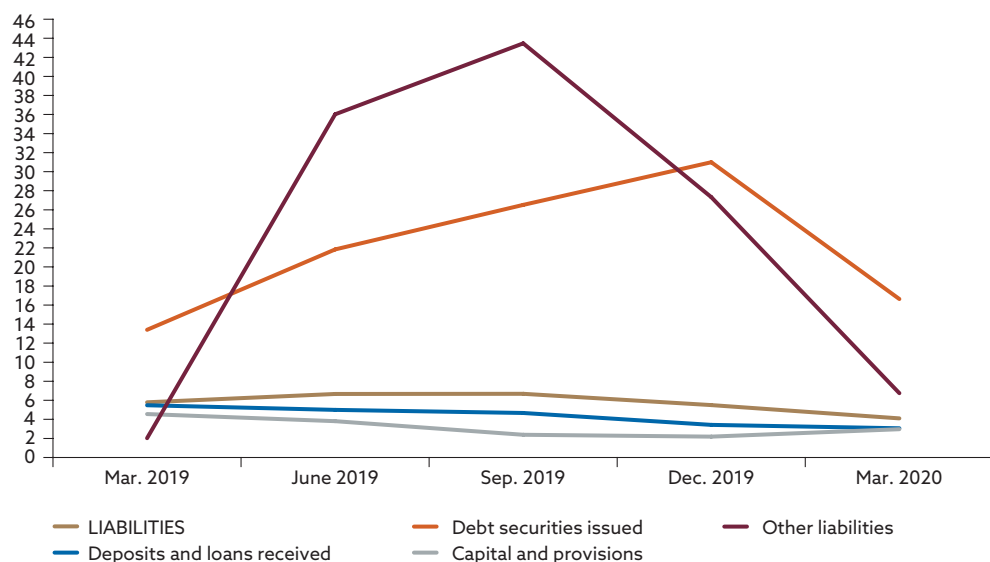
**Table 7 Year-on-year changes in liabilities of credit institutions (in %)**

|   | III. 2019 | VI. 2019 | IX. 2019 | XII. 2019 | III. 2020 |
|---|-----------|----------|----------|-----------|-----------|
| <b>LIABILITIES</b>                              | 5.79      | 6.67     | 6.69     | 5.50      | 4.10      |
| Deposits and loans received                     | 5.49      | 5.00     | 4.67     | 3.42      | 3.07      |
| Deposits and loans received up to 1 year        | 6.63      | 5.71     | 5.39     | 5.19      | 6.05      |
| Deposits and loans received over 1 year         | -0.02     | 1.49     | 0.95     | -5.95     | -12.19    |
| Debt securities issued                          | 13.40     | 21.84    | 26.52    | 30.99     | 16.63     |
| Debt securities issued up to 1 year             | -91.22    | -95.73   | -89.60   | -100.00   | -28.99    |
| Debt securities issued over 1 and up to 2 years | -63.89    | -91.94   | -98.41   | -83.25    | -95.55    |
| Debt securities issued over 2 years             | 16.95     | 26.29    | 30.40    | 32.98     | 17.44     |
| Capital and provisions                          | 4.56      | 3.81     | 2.39     | 2.18      | 2.97      |
| Other liabilities                               | 2.03      | 36.02    | 43.47    | 27.32     | 6.75      |

Source: NBS.

**Chart 12**

**Year-on-year changes in liabilities of credit institutions (change of stock in %)**



Source: NBS.

## 2.6 Profit/loss analysis for credit institutions

### 2.6.1 Current period profit/ loss in the first quarter of 2019

According to the data available, the banking sector's cumulative profit for the first quarter of 2020 amounted to €64 million, representing the sector's lowest first-quarter profit recorded since the beginning of monitoring (2009). The profit earned in the first quarter of this year was 60% lower than that in the same period a year earlier.

As regards the structure of income and expense items, net interest income had a positive effect on net profit growth throughout 2018 (for the first time since March 2015). During 2019, however, net interest income declined again, year on year, and thus contributed negatively to net profit growth. This trend has continued into the first quarter of 2020.

The decline in net interest income was caused primarily by a fall in interest income from securities, coupled with a decrease in other interest income. After rising during the period from March to end-December 2018, other interest expenses continued to fall, year on year, from the first quarter of 2019.

Net non-interest income increased, year on year, throughout 2019 (in cumulative terms), for the first time since the first quarter of 2017. In the first quarter of 2020, however, net non-interest income dropped by 60% year on year.

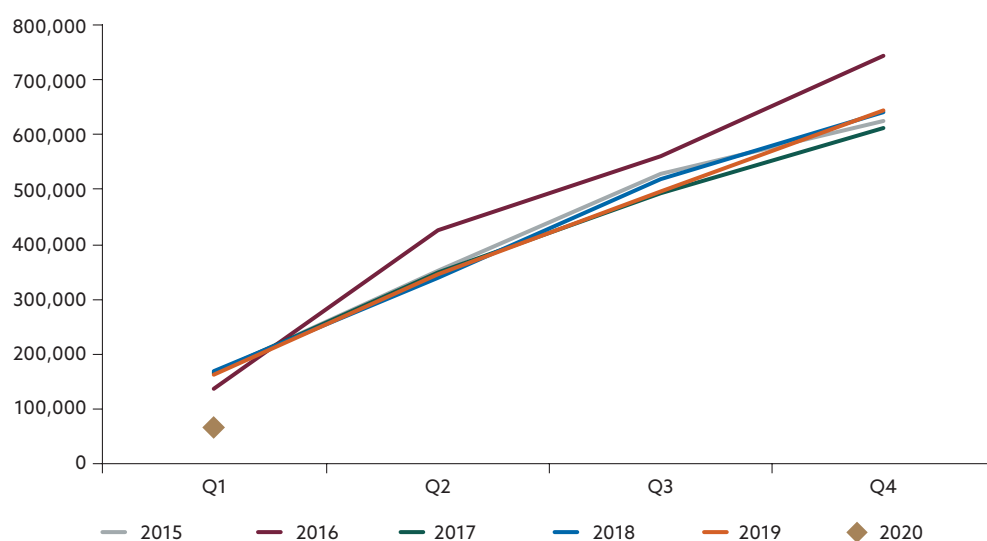
The drop in net non-interest income was largely attributable to other operating losses that stemmed mainly from the payment of a special levy by selected institutions and from contributions paid to the resolution fund.

General operating expenses rose slowly during 2019 and continued rising in the first quarter of 2020, too.

The net creation of reserves and provisions (i.e. income adjusted for expenses) increased, year on year, fourfold in first quarter of 2020. This represented a loss of €51 million, which corresponded roughly to the figure recorded during a six-month period last year.

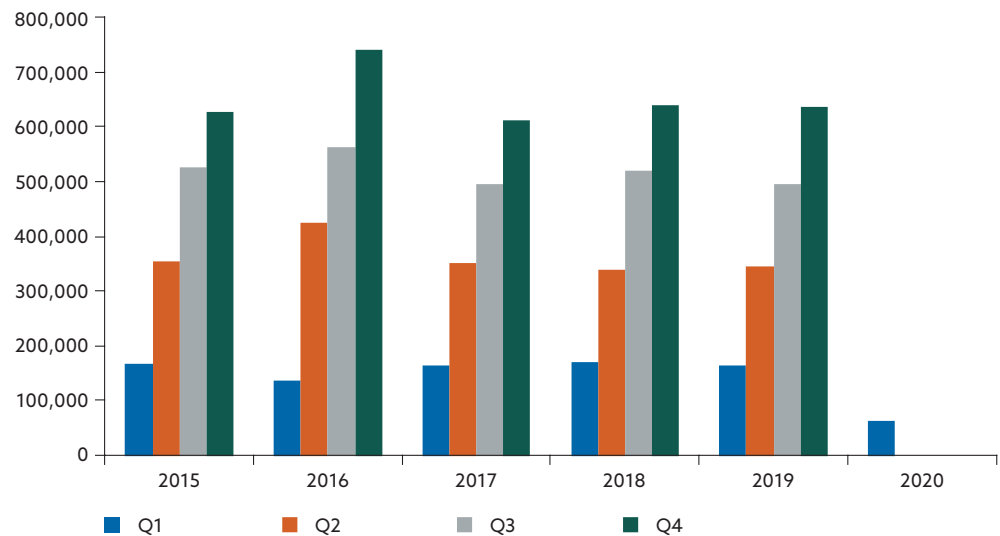
**Chart 13**

**Current period profit/loss (EUR thousands)**



Source: NBS.

**Chart 14**  
Current period profit/loss (EUR thousands)



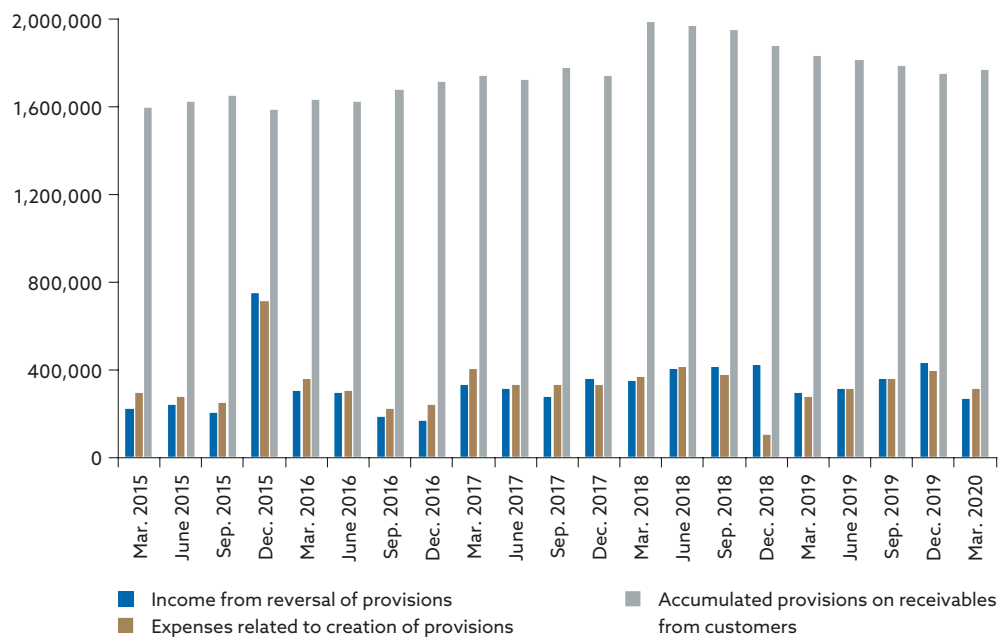
Source: NBS.

Total loan-loss provisions as at 31 March 2020 were 3.2% lower than a year earlier, whereas the stock of provisioned customer loans had increased by that date by 6.2% year on year. Euro-denominated claims constituted almost 99% of all credit claims, and euro-denominated claims on euro area residents made up around 95%.

Provisioning expenses as at 31 March 2020 (cumulative figure for the first quarter) were 13% higher than a year earlier, and income from the reversal of provisions had fallen by that date by more than 7%.

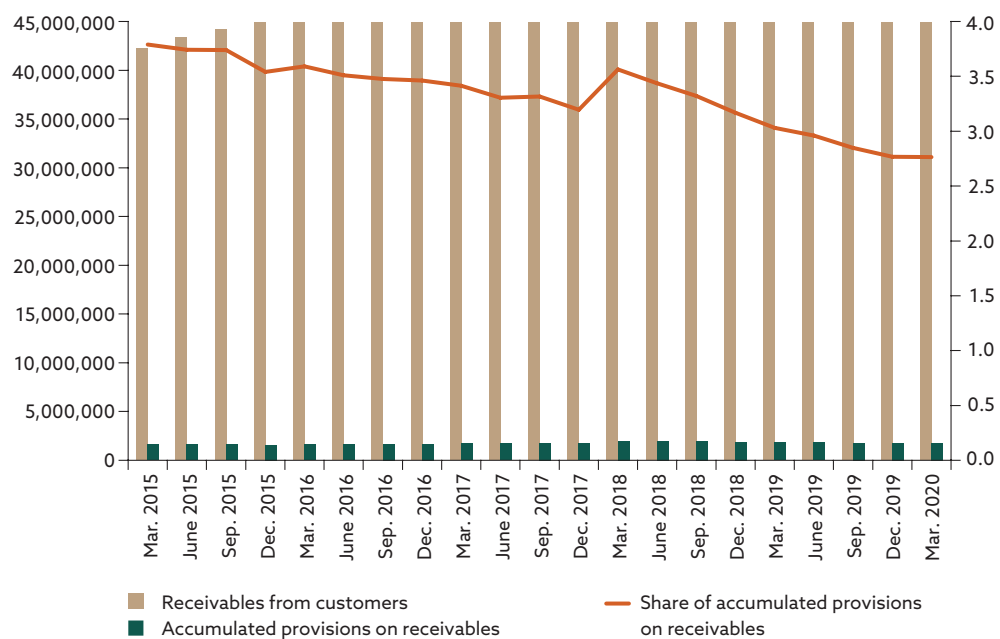
Expenses related to the assignment of claims on non-bank customers exceeded income from the same by €15 million (net loss) in the first quarter of 2020, and claim write-offs produced a net loss of almost €21 million.

**Chart 15**  
**Provisions (EUR thousands)**



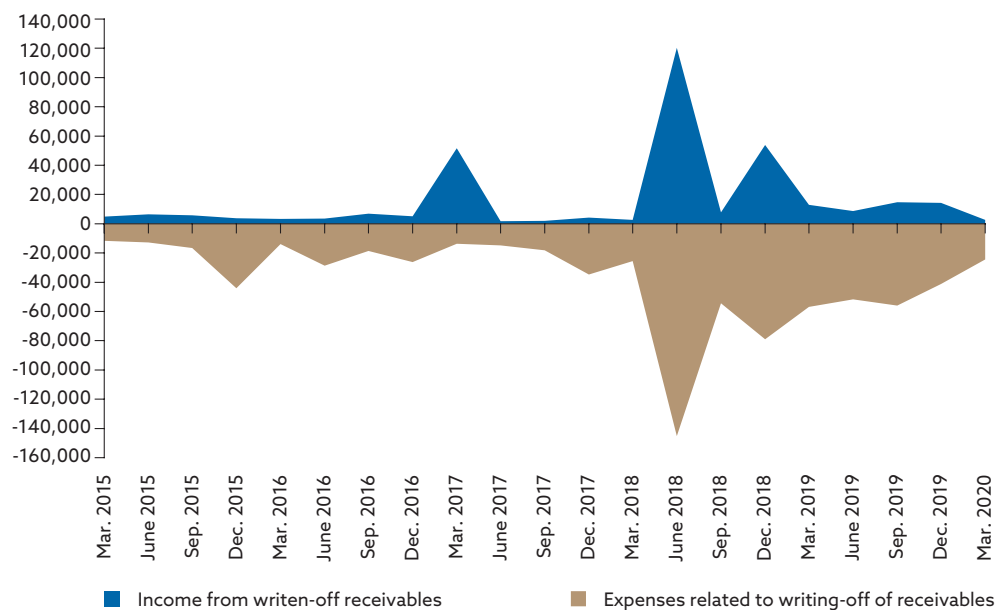
Source: NBS.

**Chart 16**  
**Receivables from non-bank customers (EUR thousands, %)**



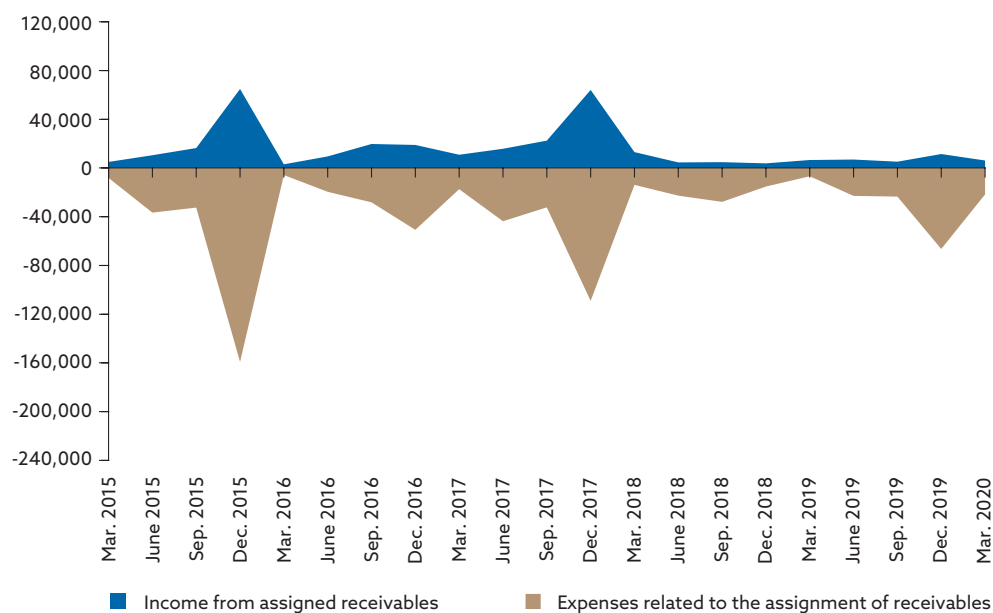
Source: NBS.

**Chart 17**  
Written-off receivables from customers (EUR thousands)



Source: NBS.

**Chart 18**  
Assigned receivables from customers (EUR thousands)



Source: NBS.

## 2.6.2 Selected income/expense items as reflected in profits/losses

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

In the first quarter of 2020, according to aggregated data for three months, total interest income from securities continued to decrease, year on year, by 15.5%, following its downward trend from the previous quarters. Interest income from securities had been declining steadily for several years and recorded a year-on-year fall in 2019, too.

Interest expenses on securities decreased, year on year, by 12.6% in the first quarter of 2020.

Other interest income continued falling in the first quarter of 2020, by 3.5% year on year.

Bank profits in the quarter under review were negatively affected by net non-interest income. Developments in certain income/expense items of securities transactions caused a fall in profits or a rise in losses in that period.

Banks' other operating expenses rose in the first quarter of this year by 76% (almost €50 million), compared with the figure recorded a year earlier. Expenses on the payment of a special levy by selected financial institutions doubled in the period under review, both year on year and quarter on quarter.

Income from fees and commissions continued growing in the first quarter of 2020, by 4.3% year on year. Expenses on fees and commissions grew in that period at an even faster pace, as during 2019.

Dividends received also continued growing rapidly in the quarter under review, but made only a minor contribution to net profit growth owing to their small volume.

General operating expenses increased in the first quarter of this year, by 1% year on year.

The banking sector's aggregate net profit for the first quarter of 2020 was 60% lower than the figure for the same period of 2019, and amounted to €64 million.

**Chart 19**

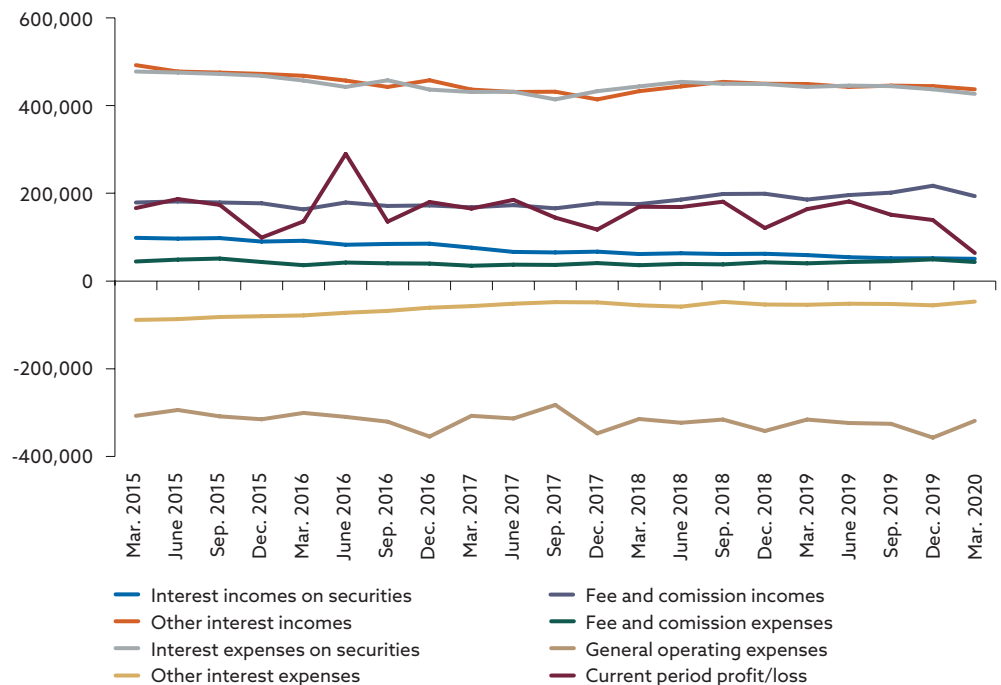
**Selected incomes and expenses compared with current period profit/loss  
(EUR thousands)**



Source: NBS.

**Chart 20**

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



Source: NBS.

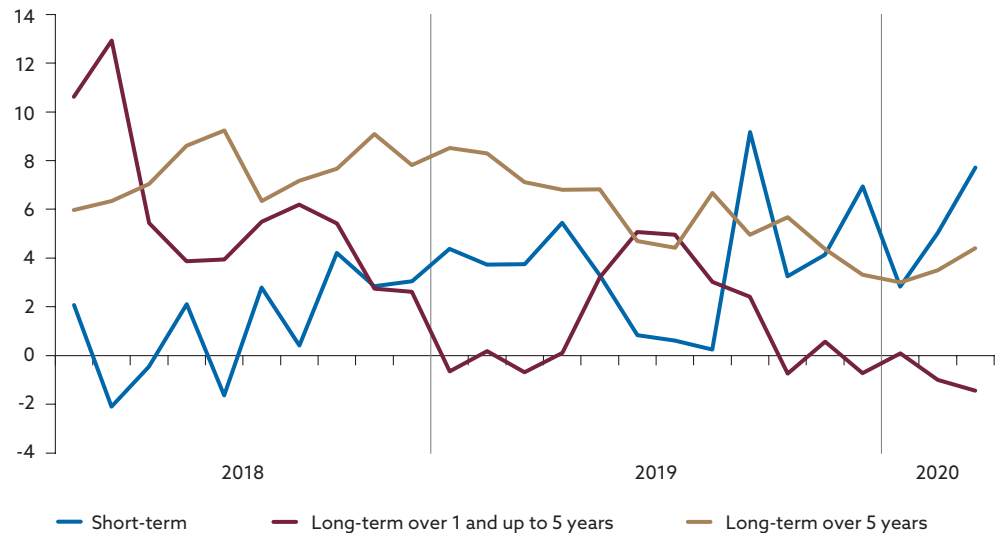
## 2.7 Lending to non-financial corporations and households

### 2.7.1 Loans to non-financial corporations by maturity

The first quarter of 2020 saw significant year-on-year changes in the volume of lending to non-financial corporations (NFCs). The volume of short-term loans grew in that period at an annual pace of 7.7%, representing an acceleration in comparison with the previous year. The volume of long-term loans provided with a maturity of over one year and up to five years declined, year on year, by 1.4% in the period under review. The annual rate of growth in long-term loans with a maturity of over five years slowed considerably, year on year, to 4.4% at the end of March 2020.

**Chart 21**

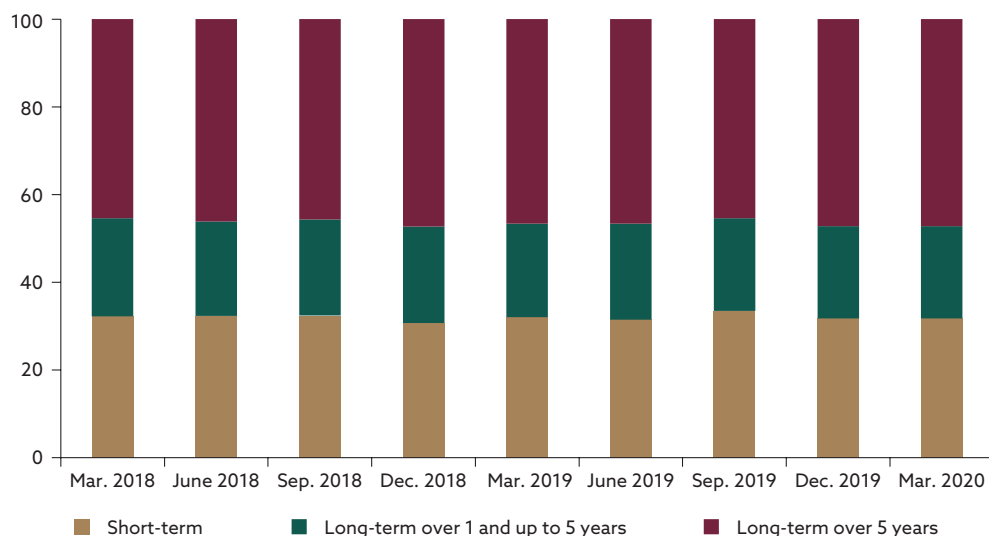
Loans to non-financial corporations by maturity (year-on-year changes in %)



Source: NBS.

Chart 22

Loans to non-financial corporations by maturity (% share)



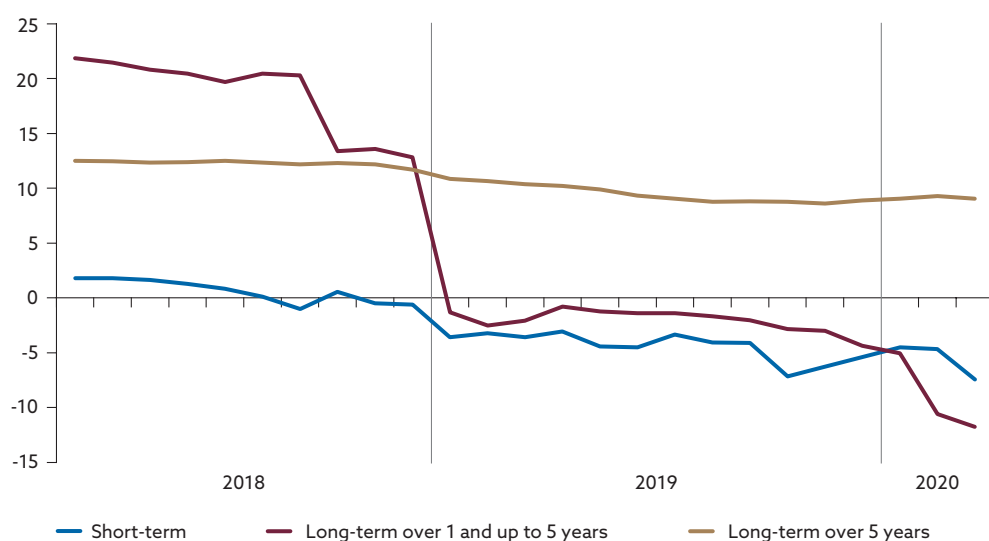
Source: NBS.

### 2.7.2 Loans to households by maturity

The total volume of loans provided to households grew over the first quarter of 2020, at an annual rate slowing gradually to 7.9% at the end of March. The strongest growth was observed in long-term loans with a maturity of over five years, at a pace of 9.0%. The volume of long-term loans provided with a maturity of over one year and up to five years declined considerably, year on year, by 11.7% in the period under review. The volume of short-term loans provided to households decreased in that period by 7.4%, compared with the same period a year earlier.

Chart 23

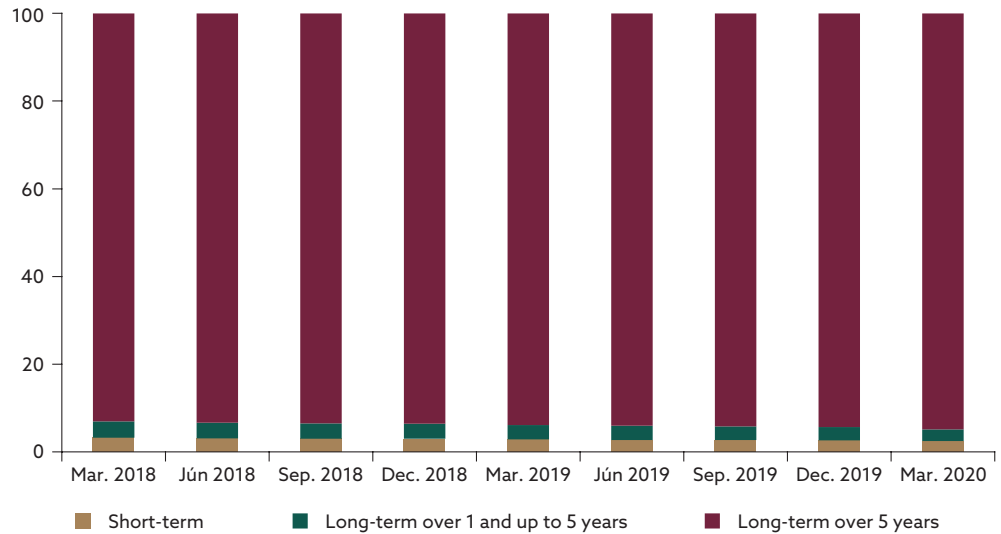
Loans to households by maturity (year-on-year percentage changes)



Source: NBS.

Chart 24

Household loans broken down by maturity (% share)



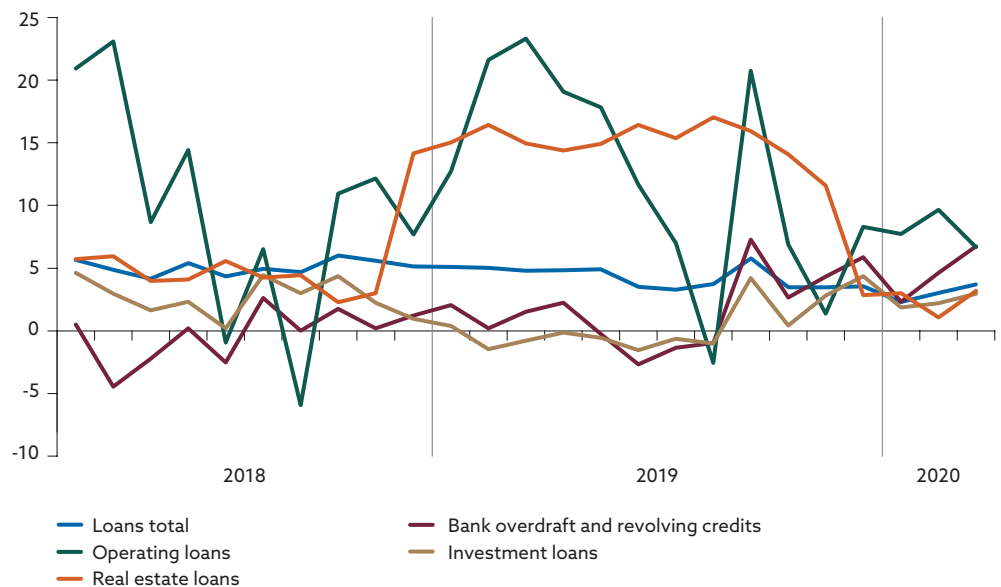
Source: NBS.

### 2.7.3 Loans to non-financial corporations by type of loan

The total volume of loans provided to non-financial corporations (NFCs) grew over the first quarter of 2020, at an annual rate slowing gradually to 3.7% at the end of March. In the category of operating loans, the annual growth rate accelerated to 6.7% at end-March 2020. The volume of investment loans increased, year on year, at a pace of 3.0%. The volume of current account overdrafts and revolving loans grew, year on year, at a pace accelerating to 6.7% at end-March 2020. The volume of real estate loans for NFCs increased, year on year, by 3.2% in the quarter under review, compared with 14.9% in the same period a year earlier.

Chart 25

Loans to non-financial by type of loan (year-on-year percentage changes)



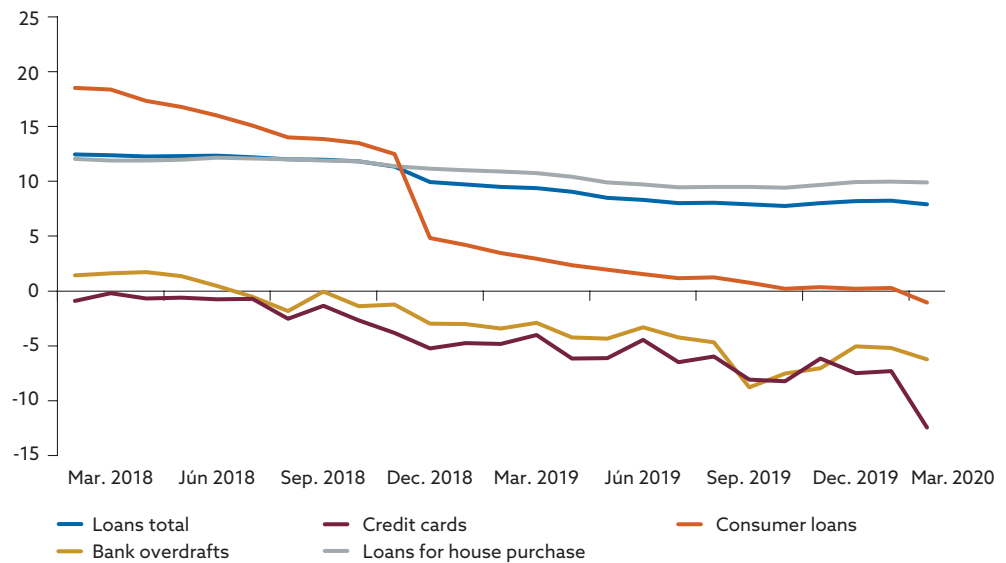
Source: NBS.

## 2.7.4 Loans to households by type of loan

The annual rate of growth in lending to households continued to slow in the first quarter of 2020, to around 7.9% at the end of March. The volume of credit card loans showed a year-on-year decrease of 12.4% at end-March 2020. The annual rate of growth in current account overdrafts and revolving loans hovered around 6.2% during the period under review. The volume of real estate loans increased in that period by 9.9% year on year. The volume of consumer loans decreased, for the first time ever, by 1.0% year on year.

**Chart 26**

Households loans broken down by type of loan (year-on-year percentage changes)



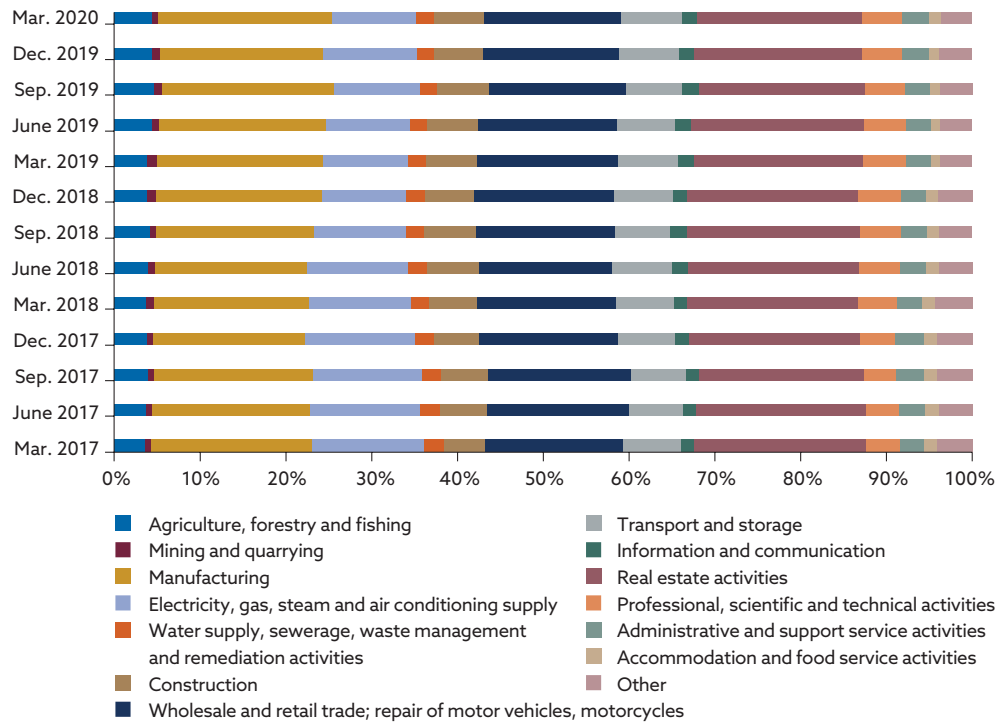
Source: NBS.

## 2.7.5 Loans to non-financial corporations by economic sector

A breakdown by sector of economic activity of loans provided to non-financial corporations (NFCs) shows that, at the end of the first quarter of 2020, loans to the manufacturing sector accounted for the largest share (20.3%) of the total stock of NFC loans. The share of loans provided to the real estate sector had increased by that date to 19.3%. Loans provided to the sector comprising wholesale and retail trade, and the repair of motor vehicles and motorcycles accounted for 16%.

**Chart 27**

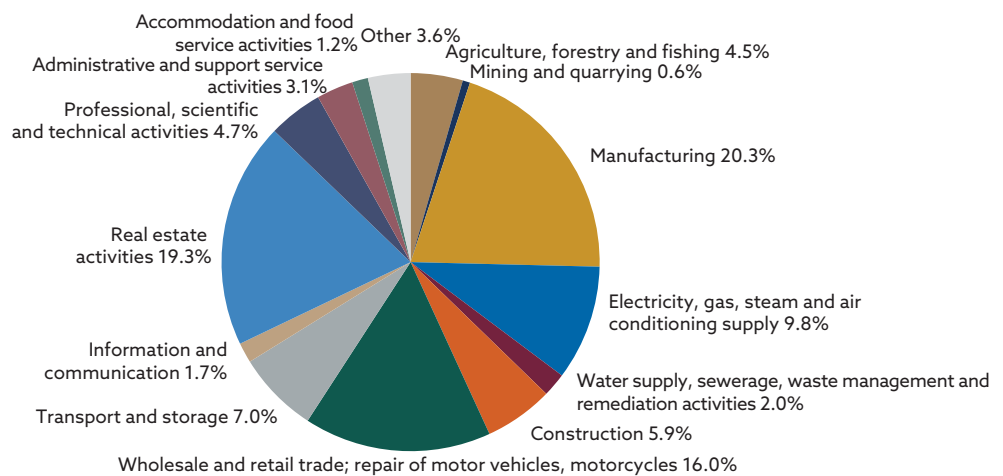
**NFC loans broken down by economic activity**



Source: NBS.

**Chart 28**

**NFC loans broken down by economic activity as at 31 March 2020**



Source: NBS.

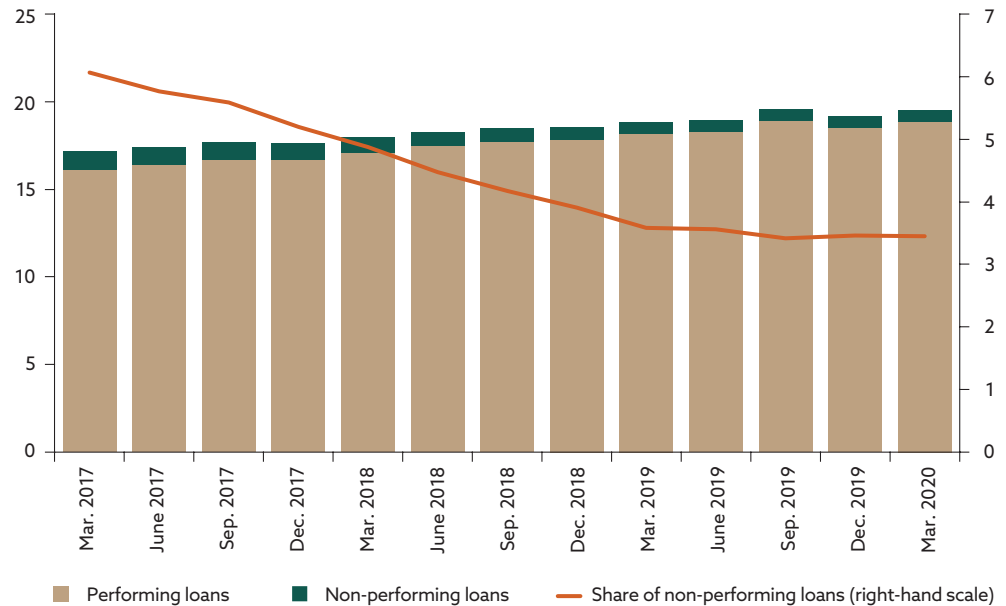
**2.7.6 Non-performing loans to non-financial corporations**

In the first quarter of 2020, the ratio of non-performing loans (NPLs) to total loans provided to non-financial corporations (NFCs) decreased, year on year, to 3.4% at the end of March, continuing its downward trend from the previous months. The NPL ratio for current account overdrafts fell slightly, from 3.2% at end-March 2019 to 3.1% at end-March 2020. The NPL ratio for operating loans reached 2.8% at end-March 2020, indicating a slowly

declining trend in NPLs of this category since December 2019. In the ‘investment loans’ category, the NPL ratio fell to 2.7% at the end of the quarter under review. The NPL ratio for real estate loans provided to NFCs edged down, year on year, to 3.8%, while that for credit card loans increased, year on year, to 10.9%.

**Chart 29**

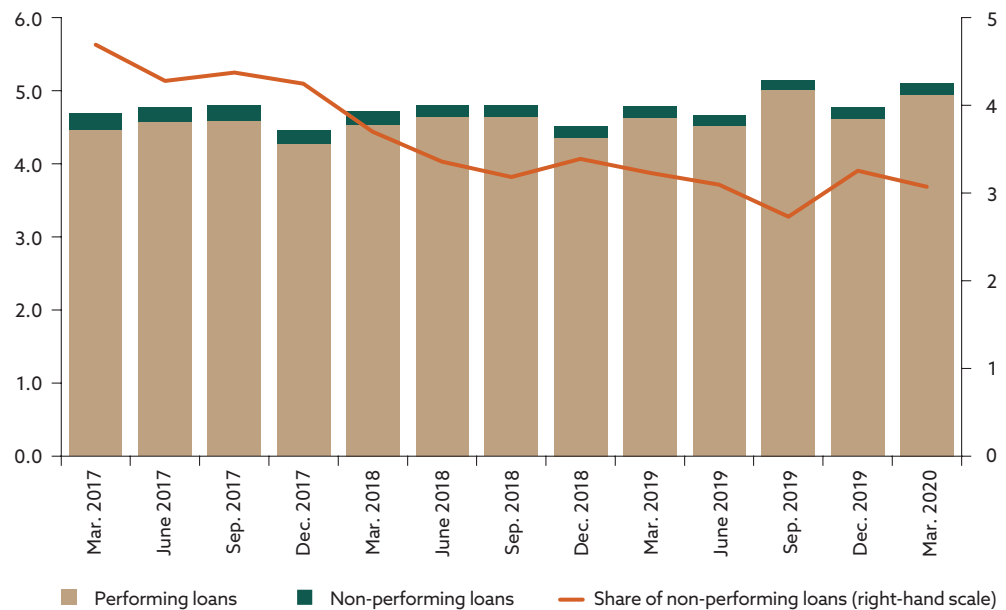
Share of non-performing loans in total NFC loans (EUR billions, %)



Source: NBS.

**Chart 30**

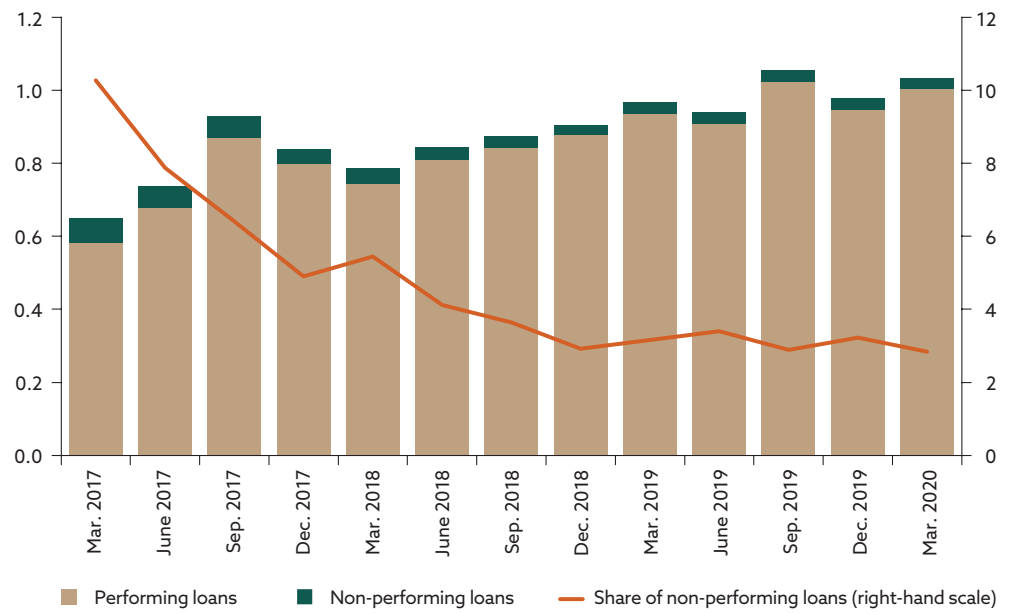
Share of non-performing loans in bank overdrafts and revolving credits to NFCs (EUR billions, %)



Source: NBS.

**Chart 31**

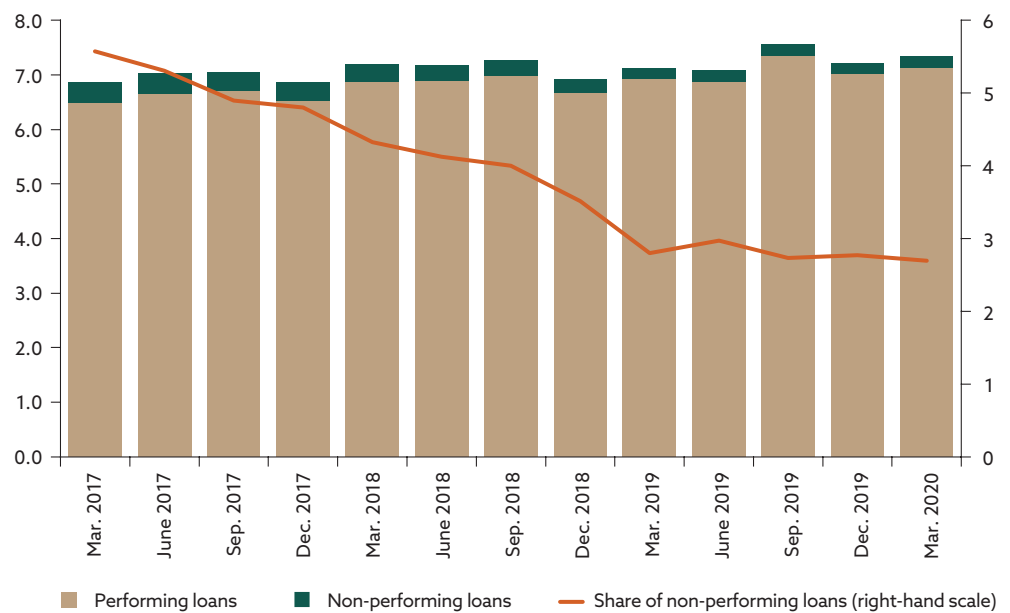
Share of non-performing loans in operating loans to NFCs (EUR billions, %)



Source: NBS.

**Chart 32**

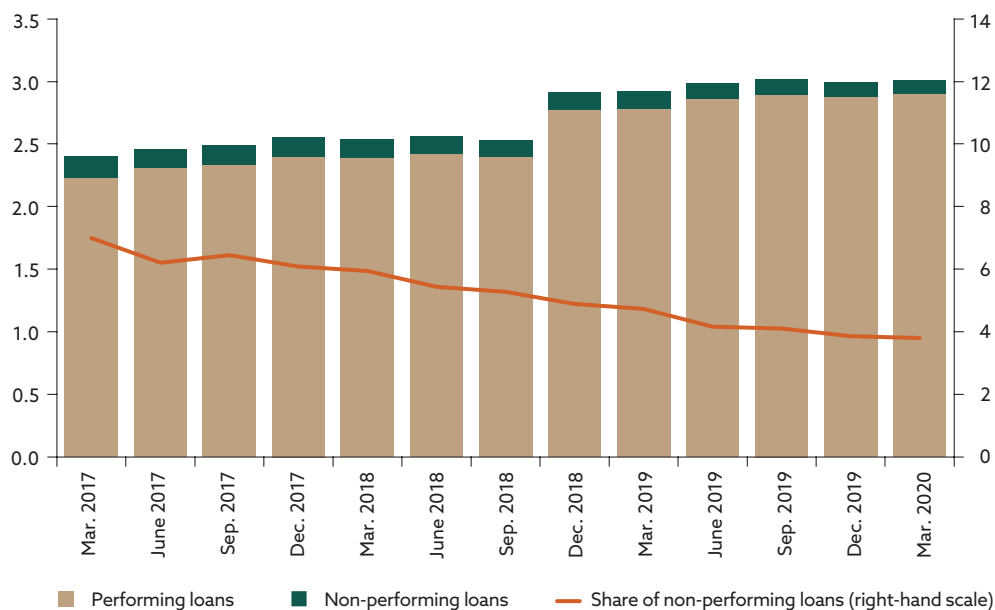
Share of non-performing loans in investment loans to NFCs (EUR billions, %)



Source: NBS.

Chart 33

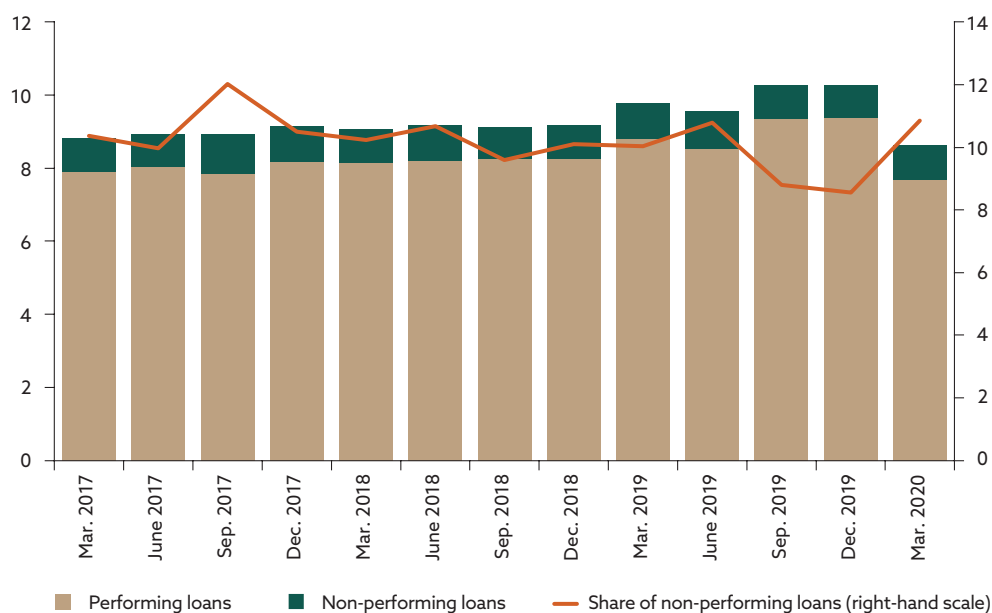
Share of non-performing loans in real estate loans to NFCs (EUR billions, %)



Source: NBS.

Chart 34

Share of non-performing loans in credit card loans to NFCs (EUR millions, %)



Source: NBS.

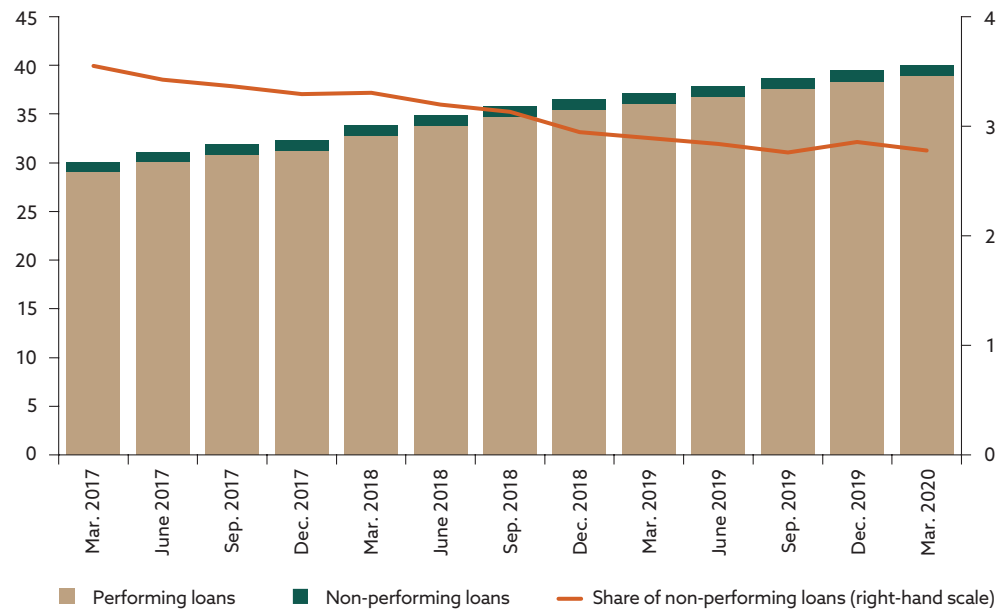
## 2.7.7 Non-performing loans to households

The ratio of non-performing loans (NPLs) to total loans provided to households fell slightly in the first quarter of 2020, compared with the same period a year earlier, down to 2.8% at the end of March. The highest NPL ratio in that period was recorded in the category of credit card loans (13.2%). The NPL ratio for current account overdrafts declined continuously, year

on year, to 6.0% at end-March 2020. The NPL ratio for housing loans rose slightly, year on year, to 1.6% at end-March 2020. The NPL ratio for consumer loans dropped by 0.4 percentage point, year on year, to 8.3% at end-March 2020.

**Chart 35**

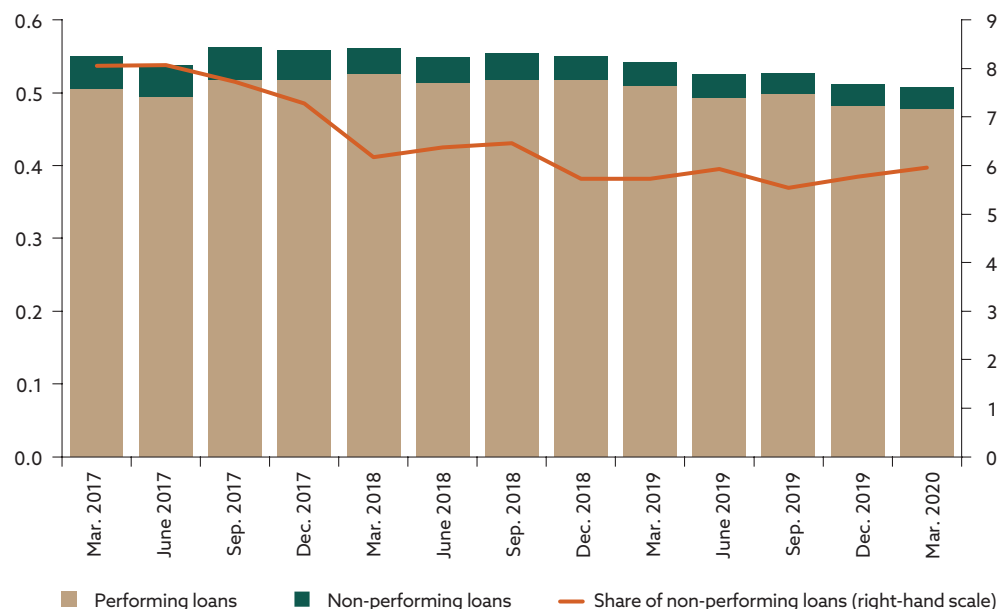
Share of non-performing loans in total loans to households (EUR billions, %)



Source: NBS.

**Chart 36**

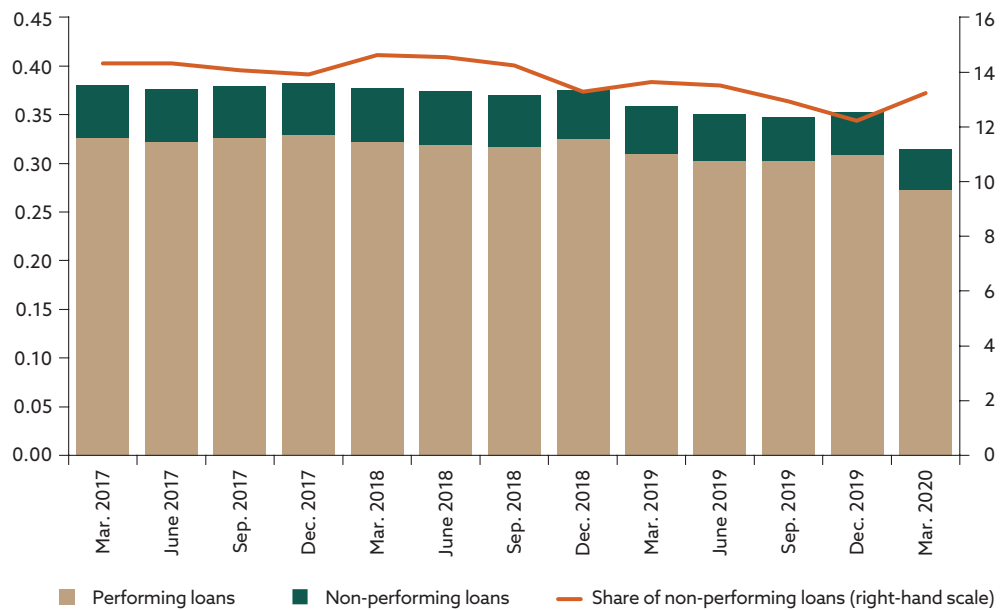
Share of non-performing loans in bank overdrafts to households (EUR billions, %)



Source: NBS.

**Chart 37**

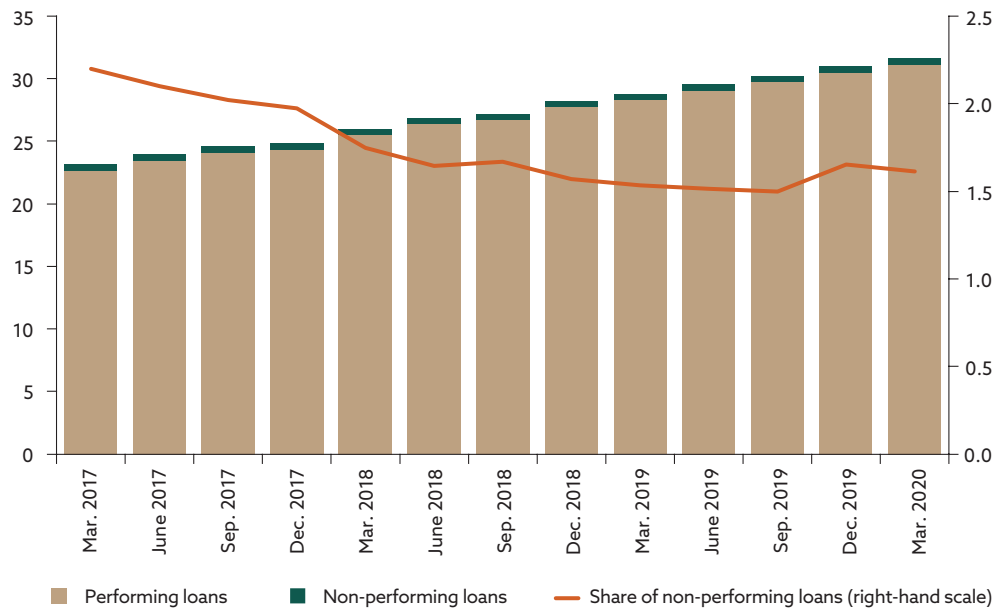
Share of non-performing loans in credit card loans to households (EUR billions, %)



Source: NBS.

**Chart 38**

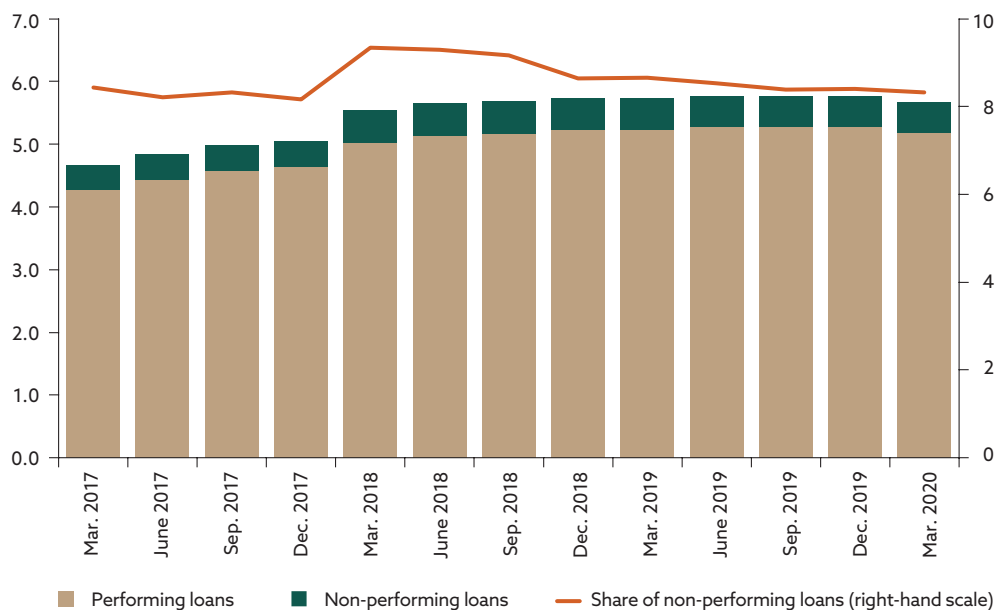
Share of non-performing loans in loans for house purchase to households (EUR billions, %)



Source: NBS.

Chart 39

Share of non-performing loans in consumer loans to households (EUR billions, %)



Source: NBS.

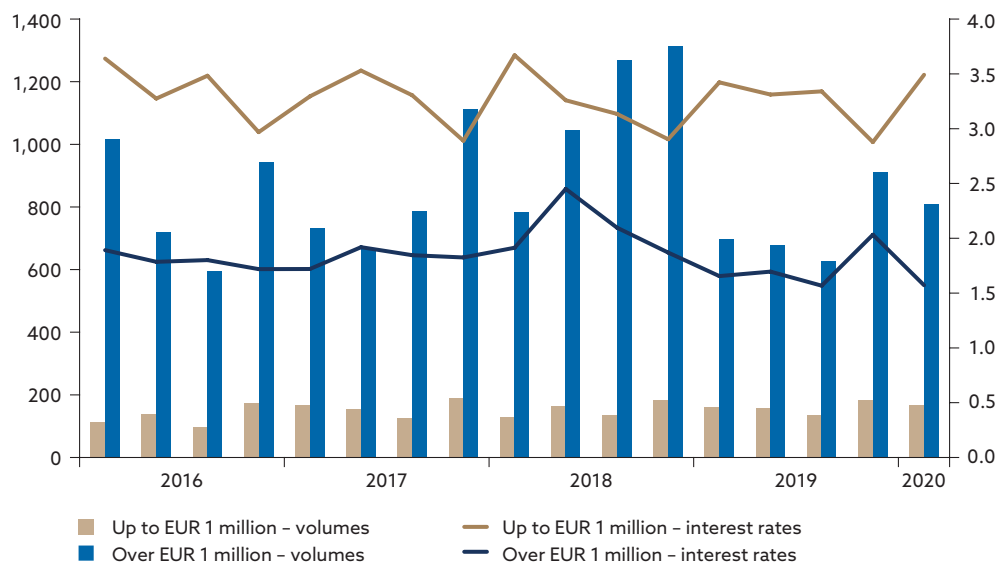
## 2.8 Loans – interest rates, volumes and stocks

### 2.8.1 New loans to NFCs – interest rates and volumes

The total volume of new loans provided to non-financial corporations (NFCs) increased by 5.2% in the first quarter of 2020, compared with the same quarter of 2019. In the category of **'loans of up to €1 million'**, the volume of loans increased in the period under review, by 6.8% year on year. The share of these loans in the total volume of NFC loans provided in that period amounted to 20.0%. The average interest rate on these loans remained unchanged in the review period, at 3.3% p.a. The volume of loans in the **'loans of over €1 million'** category increased, too, by 4.8% year on year. New loans of this category accounted for 80.0% of the total volume of NFC loans provided in that period, and the average interest rate on these loans rose by 0.1 percentage point, to 1.7% p.a.

Chart 40

New loans to NFCs – interest rates and volumes (EUR millions, % p.a.)

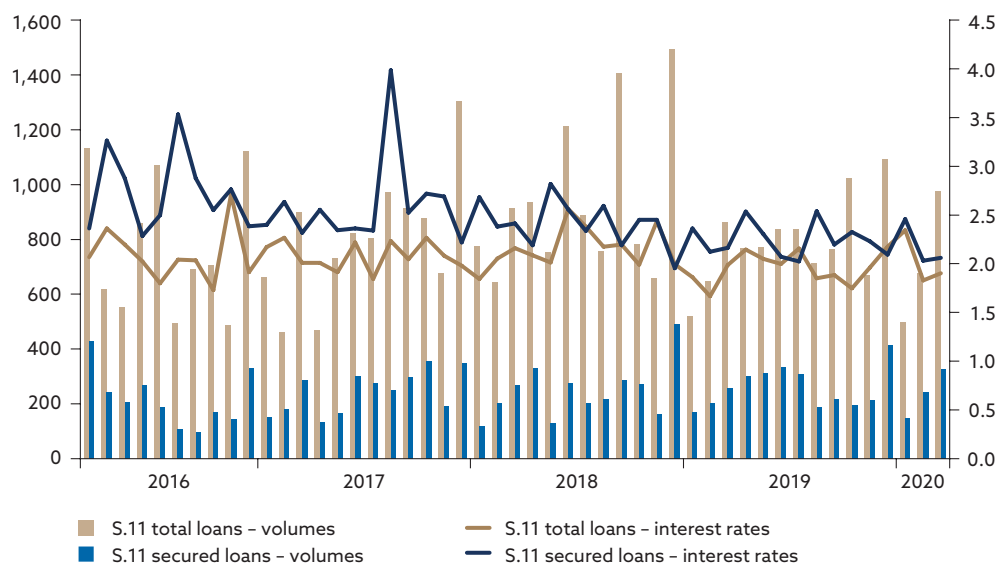


Source: NBS.

The share of new **secured** loans in the **total** volume of new loans provided to NFCs increased, year on year, from 31.3% to 33.4% in the first quarter 2020. The average interest rate on secured loans edged down during the year under review, from 2.2% p.a. to 2.1%. By contrast, the average interest rate on new loans provided to NFCs in total rose over that period, by 0.1 percentage point, to 2.0% p.a. in the period under review.

Chart 41

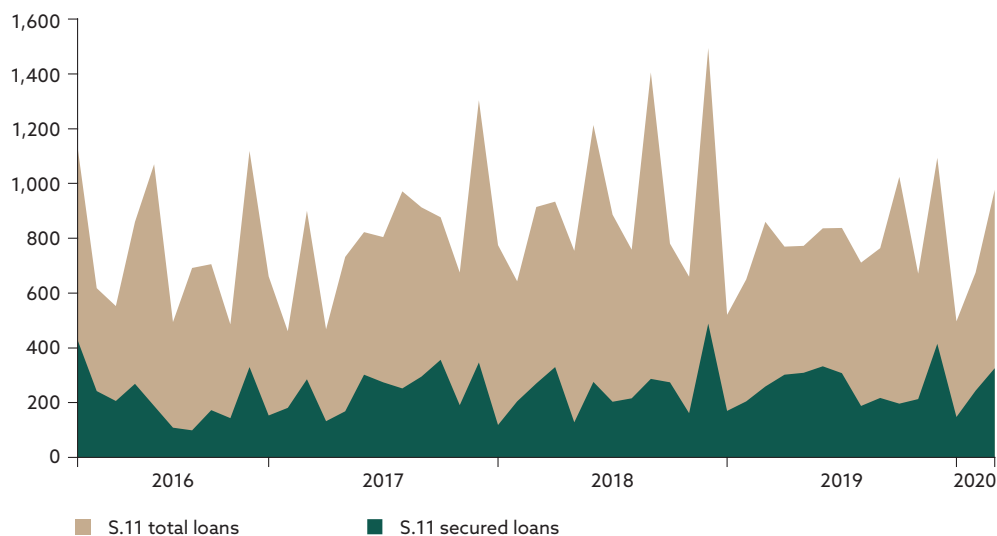
Secured and total new loans to NFCs – Interest rates and volumes (EUR millions, % p.a.)



Source: NBS.

Chart 42

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

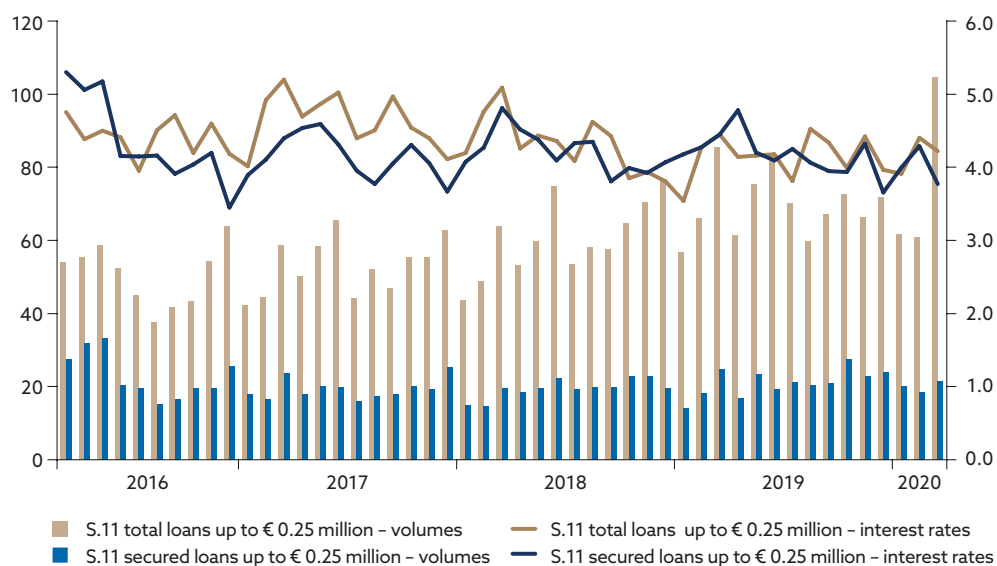


Source: NBS.

In the category of 'loans of up to €0.25 million', the share of new secured loans in the total volume of new loans provided to NFCs decreased in the first quarter of 2020, by 1.5% year on year, to 26.4%. The average interest rate on secured loans of this category fell in the period under review by 0.3 percentage point year on year, to 4.0% p.a.. By contrast, the average interest rate on new loans of up to €0.25 million provided to NFCs rose in that period, by 0.1 percentage point, to 4.2% p.a.

Chart 43

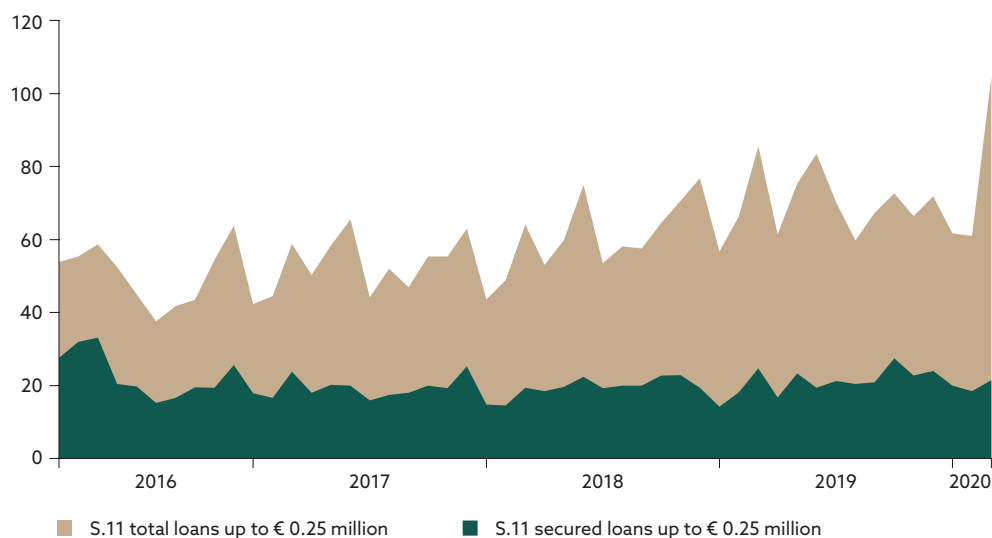
Secured and total new NFC loans up to € 0.25 million - interest rates and volumes (EUR millions, % p.a.)



Source: NBS.

Chart 44

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

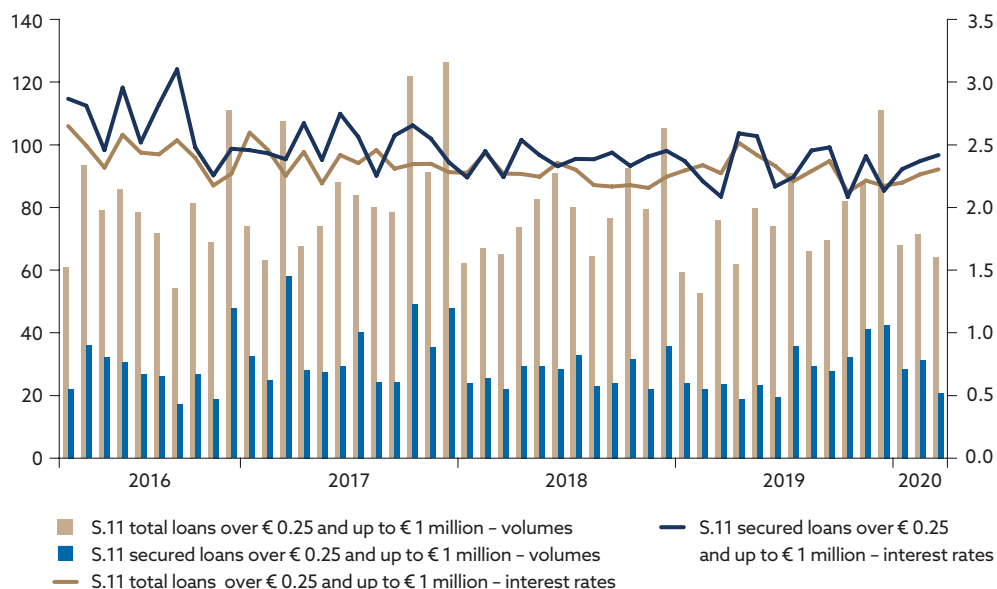


Source: NBS.

In the category of **'loans of over 0.25 million and up to 1 million'**, the share of new secured loans in the total volume of loans provided to NFCs increased in the first quarter of 2020, by 3.4% year on year, to 39.6%. The average interest rate on secured loans of this category rose slightly in that period, by 0.1 percentage point year on year, to 2.4% p.a.. The average interest rate on new loans of over €0.25 million and up to €1 million provided to NFCs remained unchanged in the period under review, at 2.3% p.a.

Chart 45

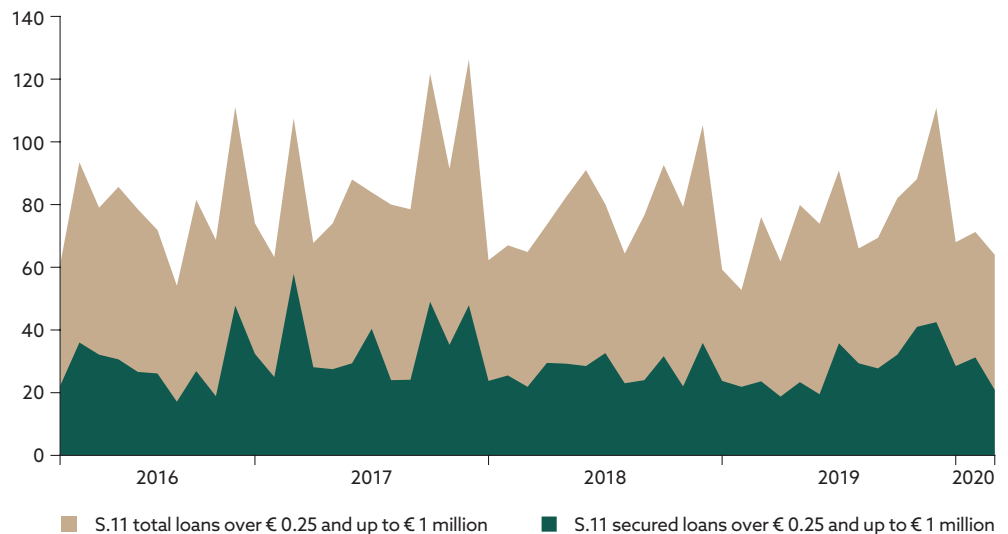
Secured and total new loans over € 0.25 million and up to € 1 million to NFCs - interest rates and volumes (EUR millions, % p.a.)



Source: NBS.

Chart 46

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

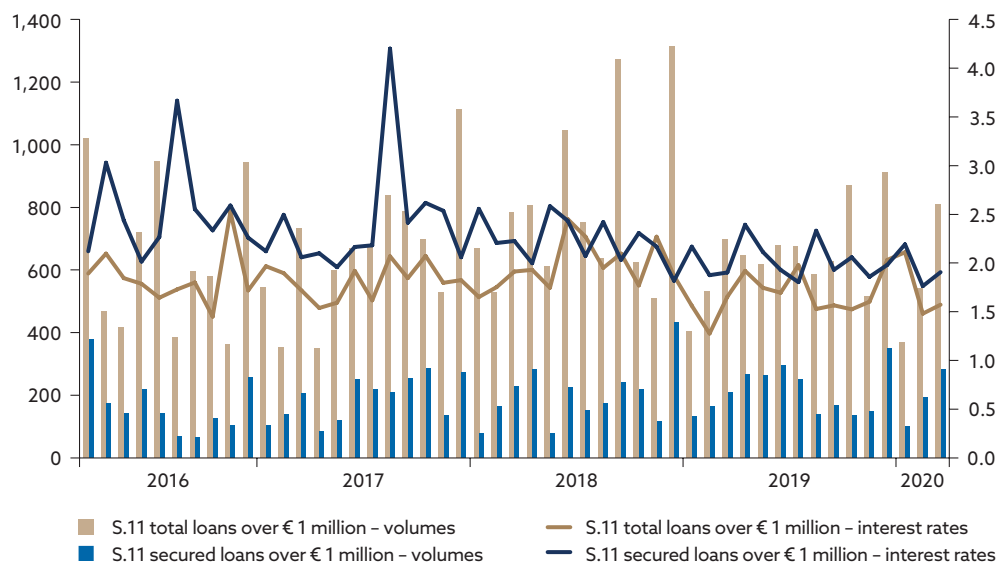


Source: NBS.

In the category of ‘loans of over €1 million’, the share of new secured loans in the total volume of new loans provided to NFCs increased in the first quarter of 2020, by 2.5% compared with the same quarter of 2019, to 33.6%. The average interest rate on secured loans of this category edged down, from 2.0% p.a. to 1.9% in the period under review. By contrast, the average interest rate on new NFC loans edged up in that period by 0.1 percentage point year on year, to 1.7% p.a. in the period under review.

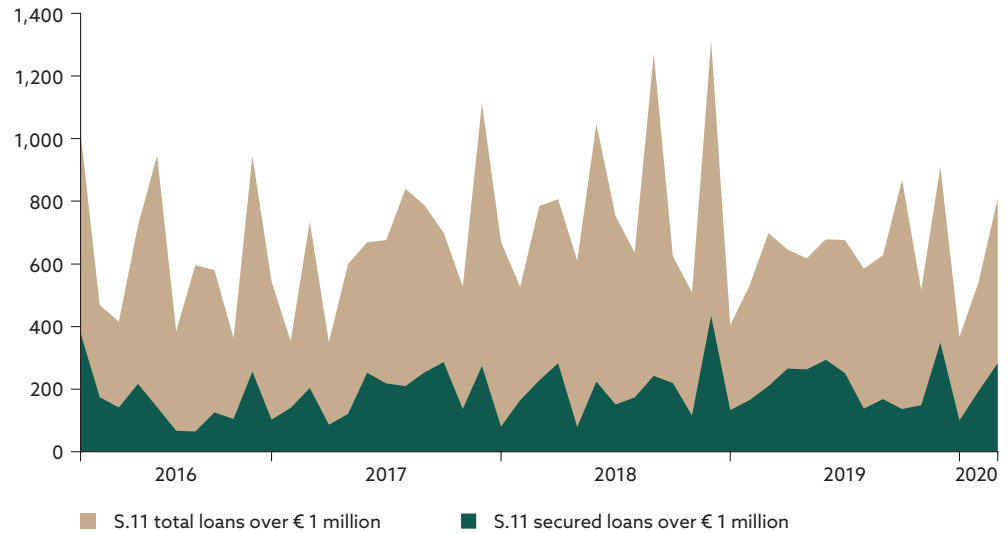
Chart 47

Secured and total new loans over € 1 million to NFCs - interest rates and volumes (EUR millions, % p.a.)



Source: NBS.

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



Source: NBS.

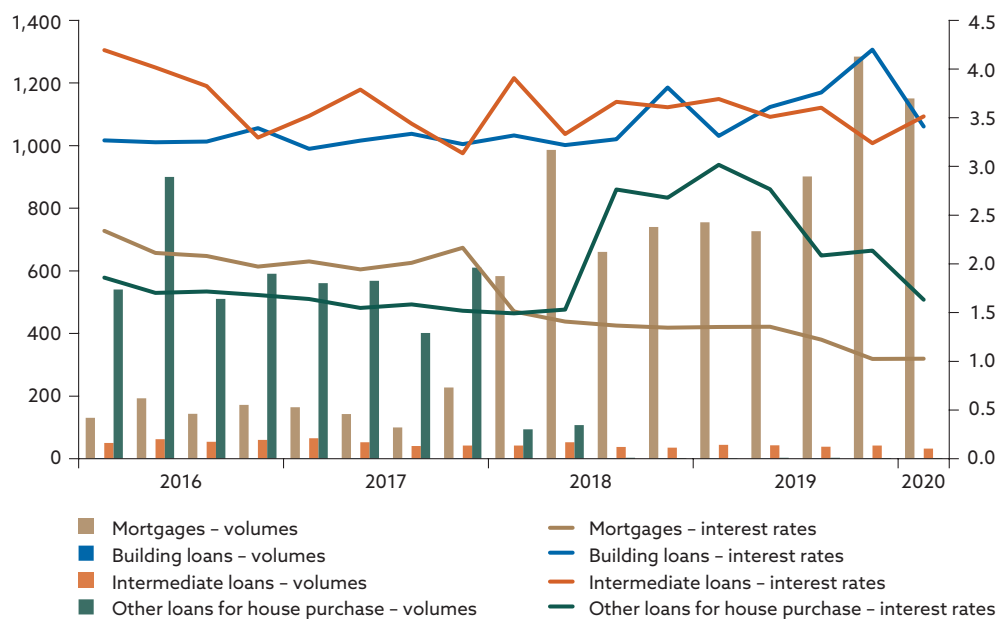
## 2.8.2 New loans to households – interest rates and volumes

### 2.8.2.1 Housing loans – interest rates and volumes

Households' demand for housing loans remained strong in the first quarter of 2020, far stronger than their demand for any other type of loan. The average interest rate on housing loans fell in that period by 0.4 percentage point year on year, to 1.1% p.a.. The average interest rates on the individual types of loans were in the period under review as follows: the rate on **building loans** provided by home savings banks edged down by 0.1 percentage point, to 3.6% p.a.; the rate on **intermediate loans**, which are also provided by home savings banks, fell, **too**, by 0.3 percentage point, to 3.4% p.a.; the rate on **other loans for house purchase** dropped by as much as 2.2 percentage points, to 1.7% p.a.; and the rate on **mortgage loans** fell in the review period by 0.3 percentage point, to 1.0% p.a.

Chart 49

New loans for house purchase to households – interest rates and volumes  
(EUR millions, % p.a.)



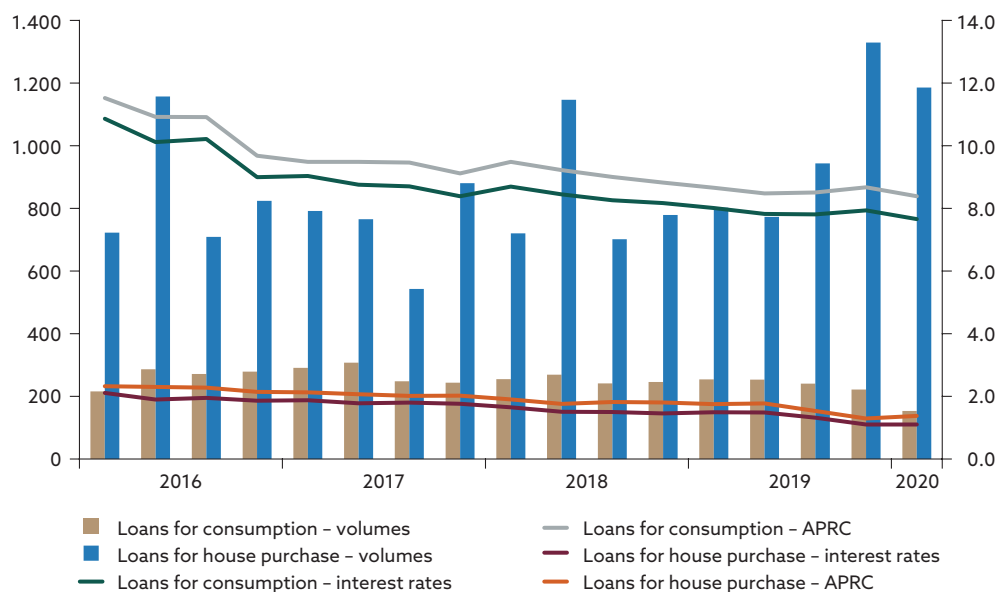
Source: NBS.

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

The **annual percentage rate of charge (APRC)** on loans provided 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 decreased in the first quarter of this year, by 0.4 percentage point year on year, to 1.3% p.a.. The APRC on consumer loans followed a similar trend in that period, with the average interest rate declining by 0.2 percentage point year on year, to 7.9% p.a., and the average APRC on consumer loans falling by 0.1 percentage point, to 8.6% p.a.

Chart 50

New loans for consumption and loans for house purchase – interest rates, APRC and volumes (EUR millions, % p.a.)



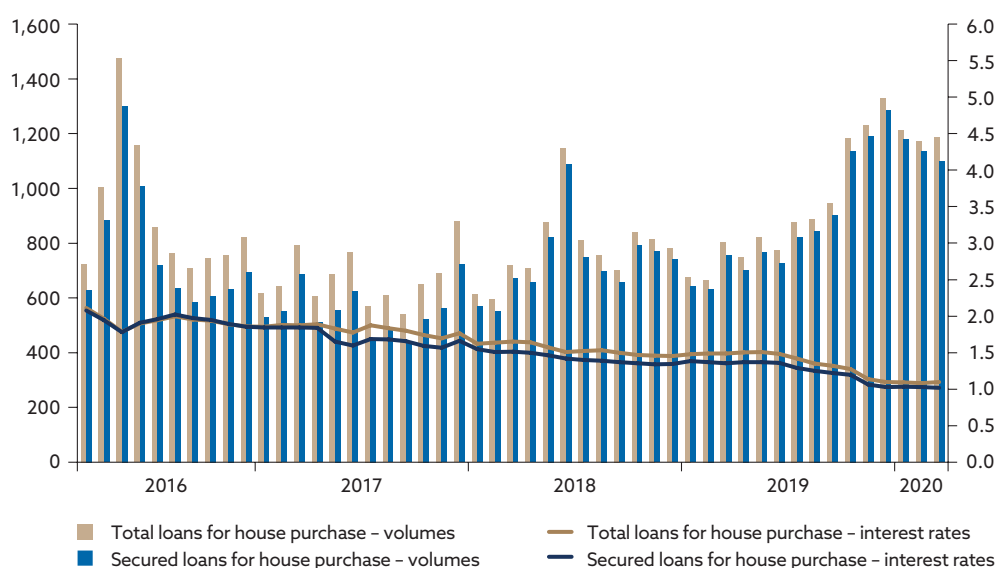
Source: NBS.

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

The share of **new secured housing loans** in the total volume of new loans provided to households for housing purposes increased in the first quarter of this year by 0.6% year on year, to 95.5%. The average interest rate on these loans fell in the period under review by 0.3 percentage point year on year, to 1.0% p.a.

Chart 51

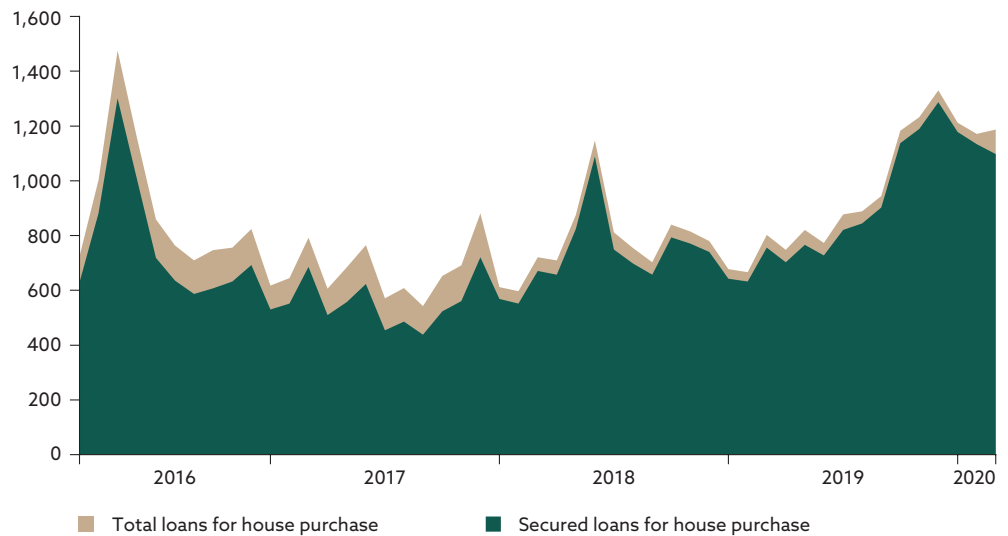
Secured and total new loans for house purchase to households – interest rates and volumes (EUR millions, % p.a.)



Source: NBS.

**Chart 52**

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



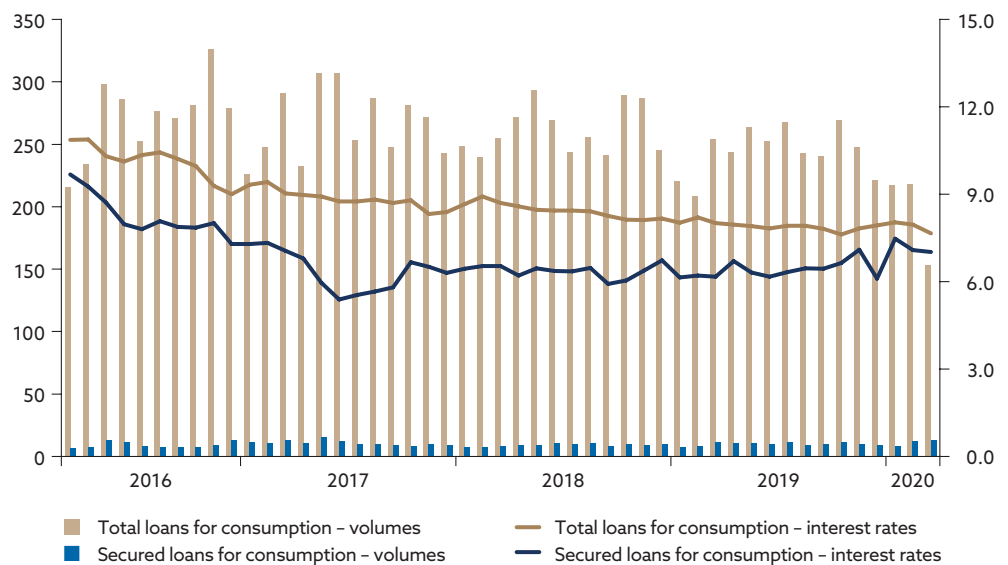
Source: NBS.

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

The share of **secured consumer loans** in the total volume of consumer loans is far lower than the share of secured housing loans in the total volume of housing loans. The first quarter of 2020 saw a year-on-year increase of 1.8% in the share of secured consumer loans, to 5.8%. The average interest rate on these loans rose in the period under review by 1.0 percentage point year on year, to 7.2% p.a.

**Chart 53**

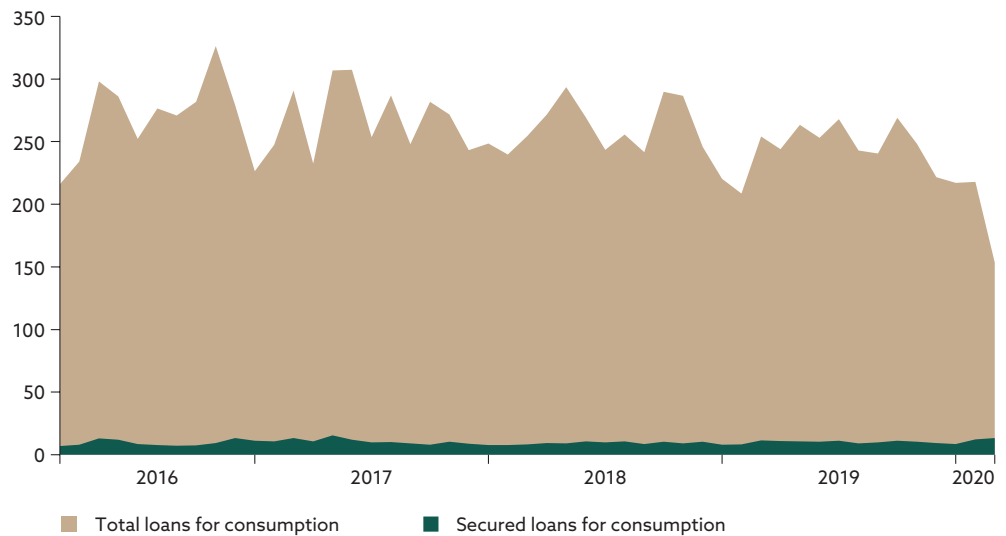
Secured and total new loans for consumption to households – interest rates and volumes (EUR millions, % p.a.)



Source: NBS.

**Chart 54**

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



Source: NBS.

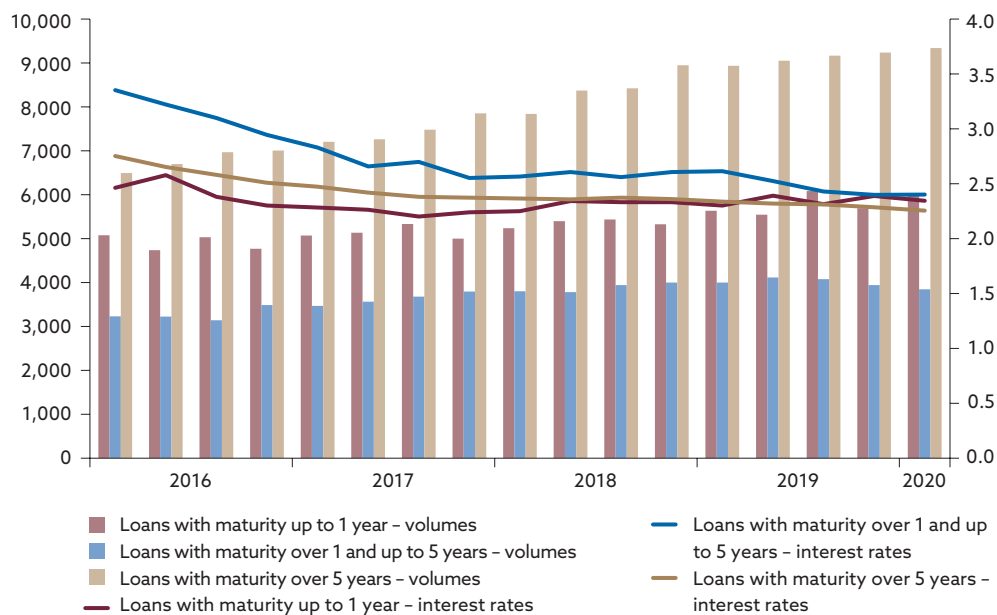
### 2.8.3 Loans to NFCs – interest rates and stocks

Interest rates on loans provided to non-financial corporations (NFCs) 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 stock of NFC loans. Loans with a maturity of over five years accounted for the largest share of the stock of NFC loans in the first quarter of 2020, continuing a trend going back to the second half of 2009.

Average interest rates on **NFC loans** underwent the following year-on-year changes in the first quarter of 2020: the average rate for loans with a maturity of up to one year edged up by 0.1 percentage point, to 2.4% p.a. the average rate for loans with a maturity of over one year and up to five years fell by 0.2 percentage point, to 2.4% p.a., and the average rate for loans with a maturity of over five years edged down by 0.1 percentage point, to 2.3% p.a.

Chart 55

NFC loans by maturity – interest rates and volumes (EUR millions, % p.a.)



Source: NBS.

## 2.8.4 Loans to households – interest rates and stocks

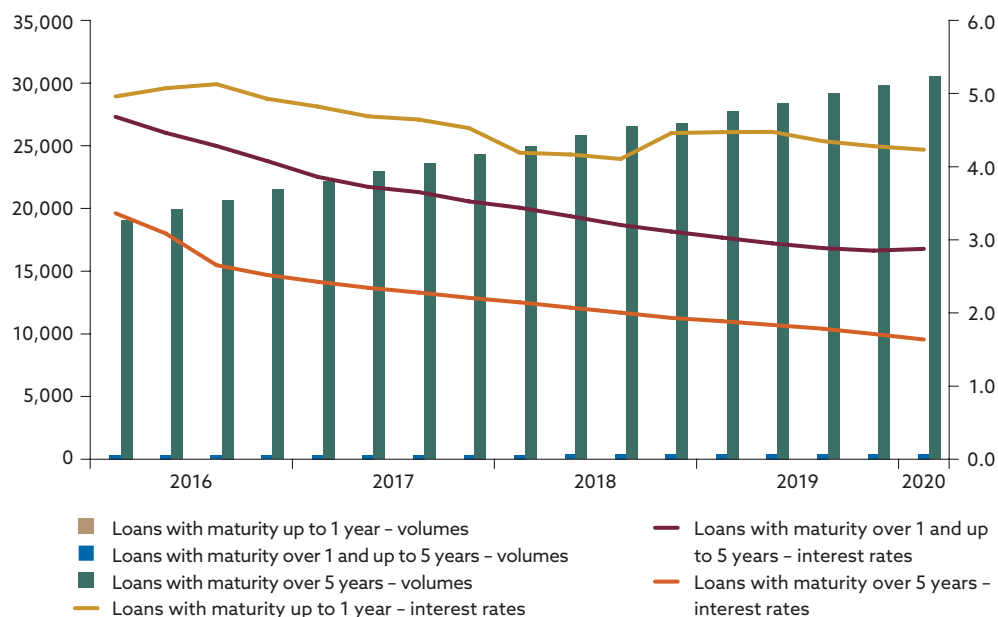
### 2.8.4.1 Housing loans – interest rates and stocks

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

Interest rates on **house purchase loans** provided to households changed in the period under review as follows: the average interest rate on loans with a maturity of over five years fell, year on year, by 0.2 percentage point, to 1.7% p.a. the average rate on loans with a maturity of over one year and up to five years fell, too, by 0.2 percentage point year on year, to 2.9% p.a.; and the average rate on loans with a maturity of up to one year dropped, year on year, by 0.3 percentage point, to 4.3% p.a.

Chart 56

Households loans for house purchase by maturity – interest rates and volumes  
(EUR millions, % p.a.)



Source: NBS.

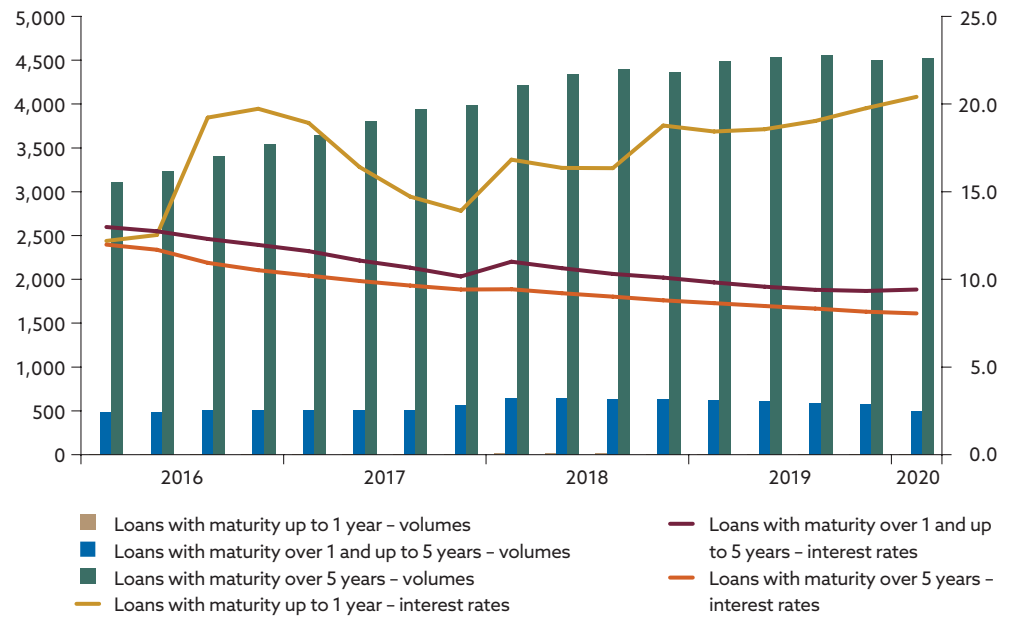
#### 2.8.4.2 Consumer loans – interest rates and stocks

The stock of consumer loans with a maturity of up to one year remained negligible in the first quarter of this year. Thus, interest rates on these loans were rather volatile in that period. The stock of consumer loans with a maturity of over one year and up to five years fell slightly in the period under review. Loans with a maturity of over five years still accounted for the largest share of the stock of consumer loans.

Interest rates on **consumer loans** provided to households changed in the period under review as follows: the average interest rate on consumer loans with a maturity of over one year and up to five years fell, year on year, by 0.5 percentage point, to 9.4% p.a. the average rate on consumer loans with a maturity of over five years fell, too, by 0.6 percentage point year on year, to 8.1% p.a.; while the average rate on consumer loans with a maturity of up to one year rose, by 1.8 percentage points year on year, to 20.4% p.a.

Chart 57

Households loans for consumption by maturity – interest rates and volumes  
(EUR millions, % p.a.)



Source: NBS.

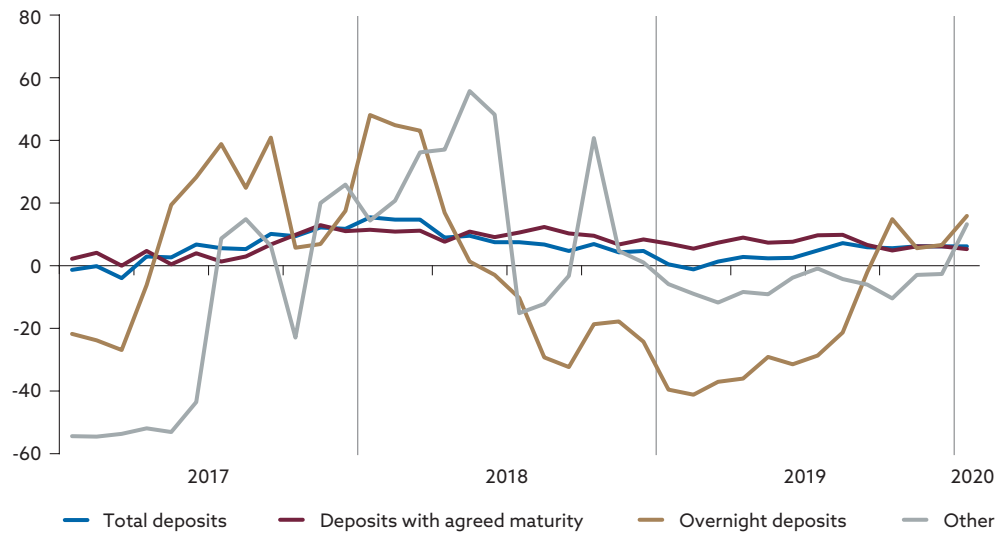
## 2.9 Deposits received from non-financial corporations and households

### 2.9.1 Deposits received from non-financial corporations

The stock of deposits received from non-financial corporations (NFCs) was 6.2% larger at the end of the first quarter of 2020 than a year earlier. This increase was accounted for largely by deposits with agreed maturity, which grew by 15.8% year on year. The stock of sight deposits increased in the period under review by 5.3% year on year. The stock of other deposits increased, too, by 13.2% in that period, compared with the figure recorded a year earlier.

Chart 58

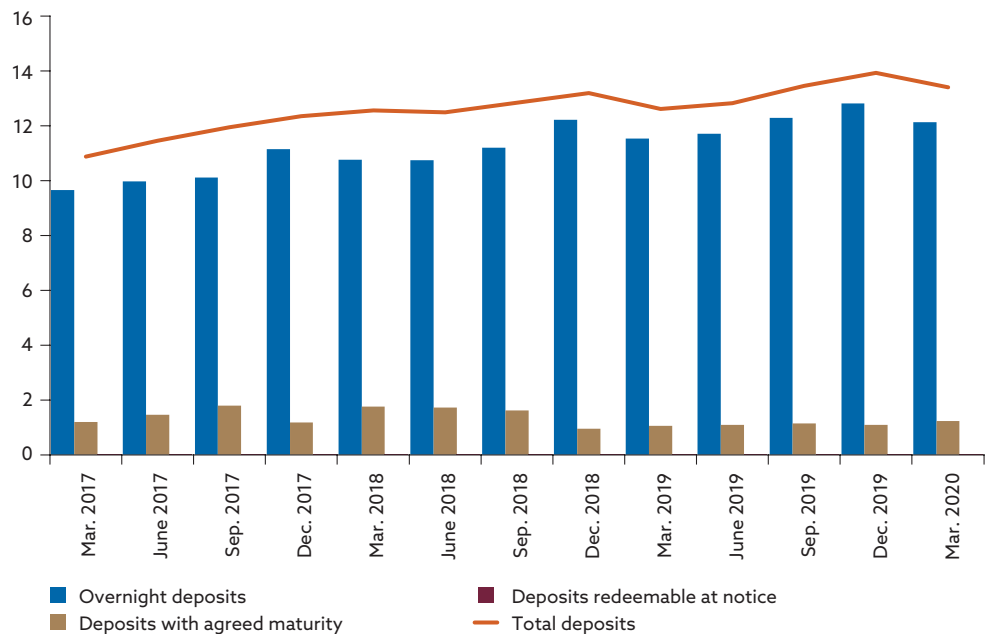
NFC deposits by type (year-on-year percentage changes)



Source: NBS.

Chart 59

NFC deposits (EUR billions)



Source: NBS.

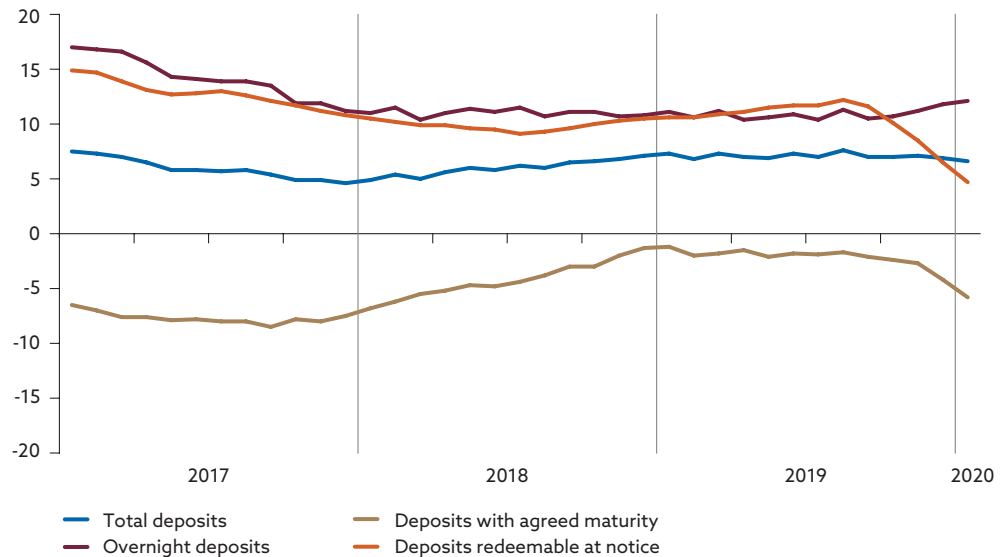
## 2.9.2 Deposits received from households

The total stock of deposits received from households increased in the first quarter of this year, by 6.6% year on year. The stock of deposits with agreed maturity declined in that period, by 5.8% year on year. The most significant increase was recorded in sight deposits (12.1%). The stock of deposits redeemable at notice increased, by 4.7% year on year.

Note: Sight deposits and deposits redeemable at notice were reclassified in 2019 on methodological grounds. This has distorted the year-on-year comparison of these deposits to some extent. The given growth rates apply to euro area households and are calculated from flows in the given items. The absolute values refer to domestic households.

**Chart 60**

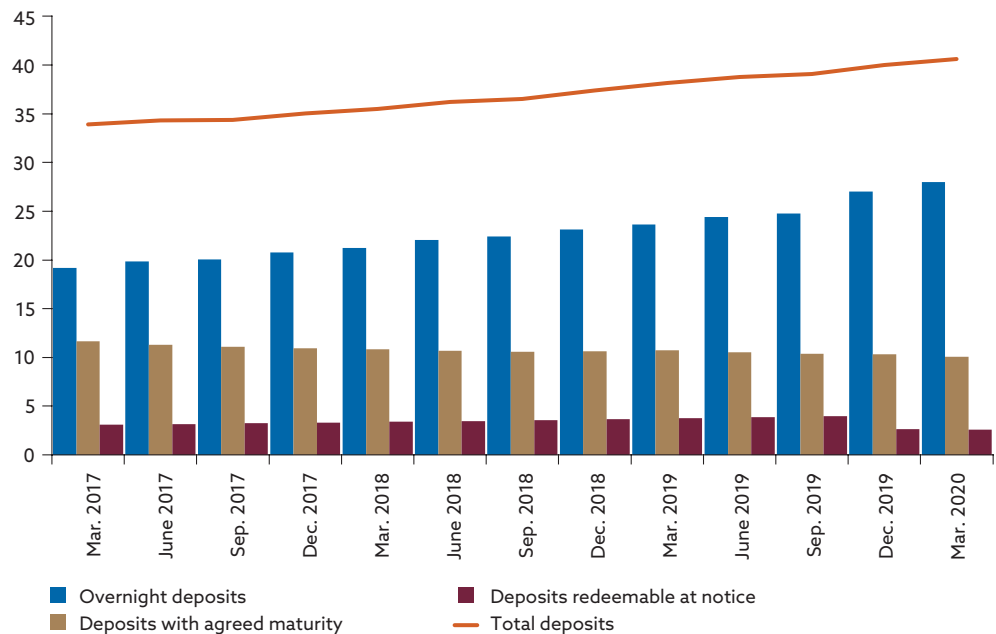
Households deposits by type (year-on-year percentages change)



Source: NBS.

**Chart 61**

Households deposits (EUR billions)



Source: NBS.

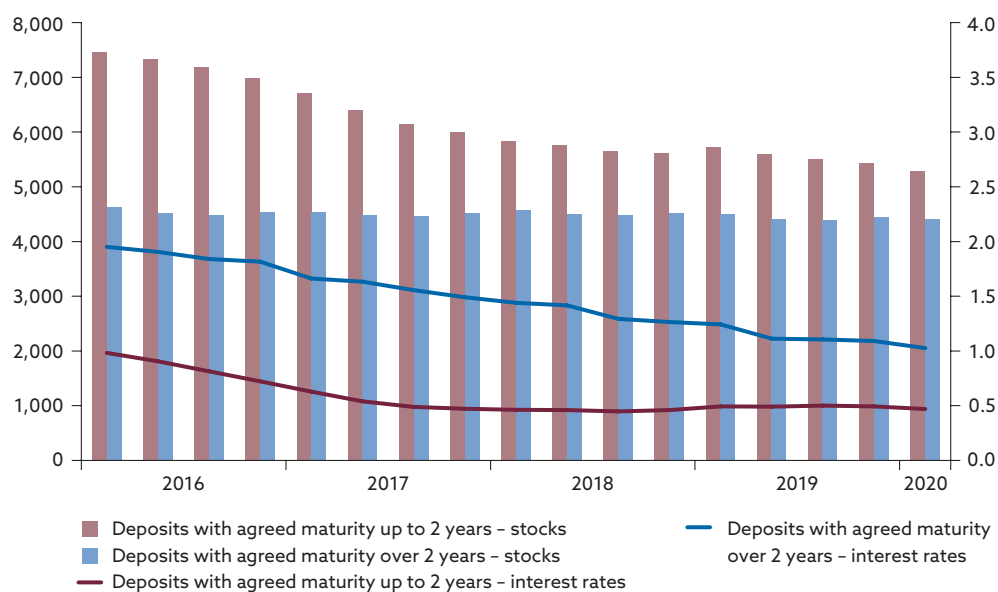
## 2.10 Deposits received – interest rates, volumes and stocks

### 2.10.1 Household deposits – interest rates and stocks

At the end of the first quarter of 2020, the stock of household deposits **with an agreed maturity of up to two years** accounted for 54.8% of the total stock of household deposits with agreed maturity, which represented a decrease of 0.9% compared with the figure recorded a year earlier. The average interest rate on household deposits with an agreed maturity of up to two years remained unchanged in the period under review, at 0.5% p.a. The average rate on deposits **with an agreed maturity of over two years** was also lower in the review period, by 0.2 percentage point year on year, at 1.1% p.a. The total stock of household deposits with agreed maturity decreased in that period by 4.0% year on year.

Chart 62

Household deposits with an agreed maturity – interest rates and stocks  
(EUR millions, % p.a.)



Source: NBS.

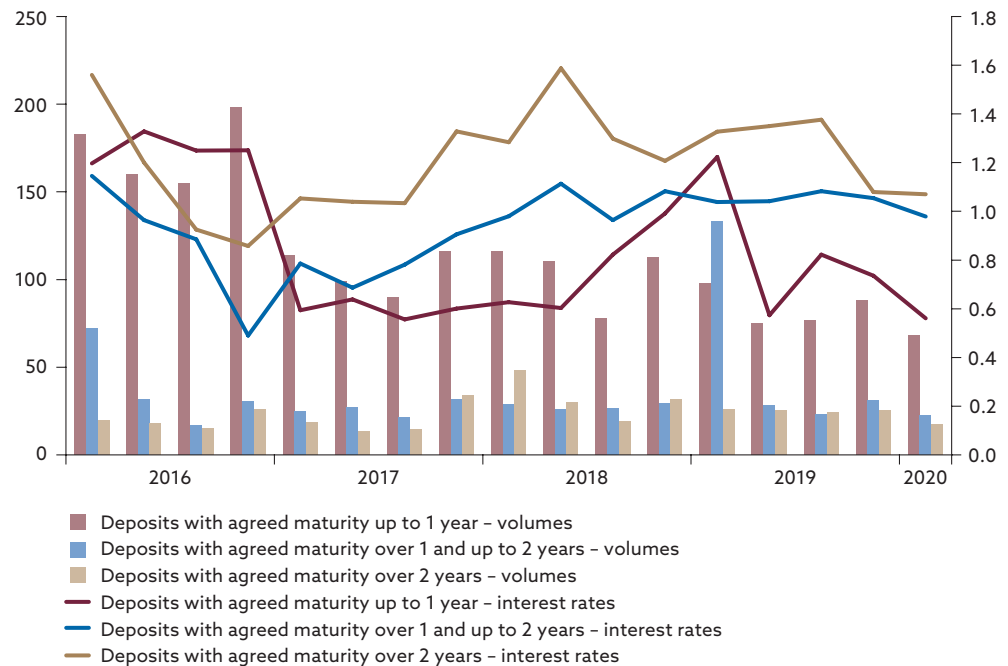
### 2.10.2 New household deposits – interest rates and volumes

Interest rates on **new household deposits** with agreed maturity changed in the period under review as described below. The average interest rate on deposits **with an agreed maturity of up to one year** fell by 0.4 percentage point year on year, to 0.8% p.a., while the share of these deposits in the total volume of new household deposits with agreed maturity increased by 14.4%, to 61.8%. The average rate on new deposits **with an agreed maturity of over one year and up to two years** remained unchanged, at 1.1% p.a., but

the share of these deposits in the total volume of new household deposits with agreed maturity dropped by 21.0%, to 18.8%. The average rate on deposits **with an agreed maturity of over two years** fell in the period under review by 0.3 percentage point year on year, to 0.9% p.a., while the share of these deposits in the total volume of new household deposits with agreed maturity increased by 6.6%, to 19.4%.

**Chart 63**

**New household deposits with an agreed maturity – interest rates and volumes (EUR millions, % p.a.)**

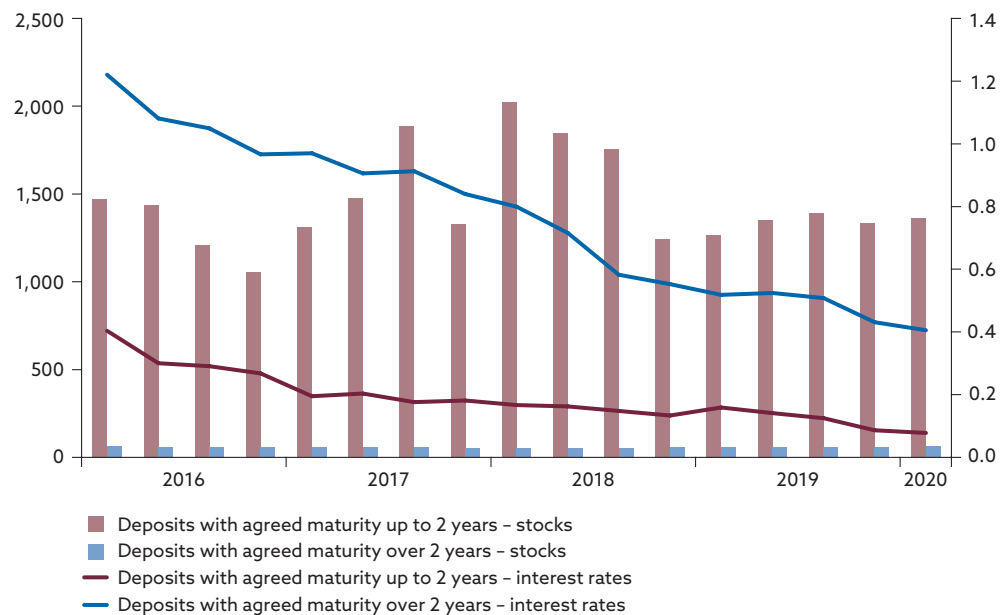


Source: NBS.

### 2.10.3 NFC deposits – interest rates and stocks

At the end of the first quarter of 2020, deposits **with an agreed maturity of over two years**, received from non-financial corporations (NFCs), accounted for 4.3% of the total stock of NFC deposits with agreed maturity, which in year on year terms represented a decrease of 0.4%, while the average interest rate on these deposits fell by 0.1 percentage point, to 0.4% p.a. The average rate on deposits **with an agreed maturity of up to two years** edged down in the period under review by 0.1 percentage point year on year, to 0.1% p.a., while the share of these deposits in the total volume of NFC deposits with agreed maturity increased slightly, by 0.4% to 95.7%. The total stock of NFC deposits with agreed maturity increased in that period, by 13.6% year on year.

**Chart 64**  
NFC deposits with an agreed maturity – interest rates and stocks  
(EUR millions, % p.a.)



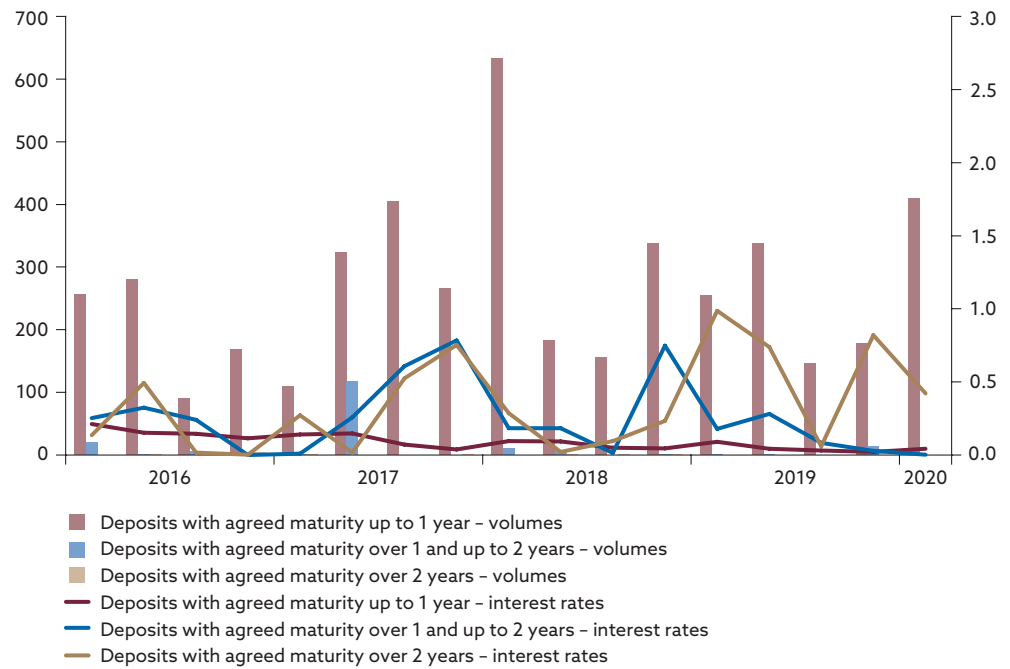
Source: NBS.

#### 2.10.4 New NFC deposits – interest rates and volumes

Interest rates on **new deposits** with agreed maturity, received from non-financial corporations (NFCs), changed in the first quarter of 2020, compared with the same quarter of 2019, as described below. The average interest rate on new deposits **with an agreed maturity of over two years** fell by 0.4 percentage point year on year, to 0.1% p.a., while the share of these deposits in the total volume of NFC deposits with agreed maturity remained insignificant (0.3%). The average rate on new NFC deposits **with an agreed maturity of over one year and up to two years** edged down by 0.1 percentage point year on year, to 0.1% p.a., while the share of these deposits in the total volume of NFC deposits with agreed maturity increased slightly, by 1.0% to 2.1%. The average rate on new deposits **with an agreed maturity of up to one year** fell, too, by 0.1 percentage point year on year, to 0.03% p.a.. These deposits represented the most significant category in volume terms: they accounted for 97.6% of the total volume of new NFC deposits with agreed maturity.

**Chart 65**

**New NFC deposits with an agreed maturity – interest rates and volumes  
(EUR millions, % p.a.)**



Source: NBS.

## 3 Investment funds

In Slovakia's financial market, the investment fund market comprises six domestic asset management companies and one foreign asset management company, managing a total of 94 domestic open-end funds as at 31 March 2020. VÚB Asset Management, správ. spol., a.s. was renamed to Eurizon Asset Management Slovakia, správ. spol., a.s.

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.
- Tatra Asset Management, správ. spol., a.s.
- Eurizon Asset Management Slovakia, správ. spol., a.s.
- GOLDSIDE Asset Management, správ. spol., a.s.

Foreign asset management company:

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

### 3.1 Current developments in the market

For the purposes of monetary and financial statistics compiled by the European Central Bank, investment funds are broken down according to their investment strategy into the following categories: bond funds, equity funds, mixed funds, real estate funds, and other funds.

Mixed funds accounted for the largest share, 46.40%, of the total assets of investment funds as at 31 March 2020. They were followed by real estate funds with a share of 23.10% at the same date (surpassing bond funds compared with the previous quarter), bonds funds with a share of 20.42% (down by 0.58 percentage point quarter on quarter), and equity funds with a share of 8.45% (less than in the previous quarter). As for other funds (including, for example, guaranteed funds, alternative investment funds, securities funds and professional investor funds), their share of total assets decreased in the quarter under review, too, down to 1.63% as at 31 March 2020. Thus, other funds were the fifth most significant fund type category in terms of their share of the total assets of investment funds.

At the end of the first quarter of 2020, the total asset value of mixed funds was lower both year on year, by 1.76%, and quarter on quarter, by 8.14%. The total asset value of real estate funds was higher year on year, by 16.19%,

and quarter on quarter, by 4.22% at 31 March 2020. Equity funds recorded a year-on-year rise of 7.24% in their asset value at that date, which fell quarter on quarter by 11.18%. The total asset value of bond funds was lower both quarter on quarter, by 8.40%, and year on year, by 12.34%. Other funds recorded a year-on-year increase of 28.51% at 31 March 2020.

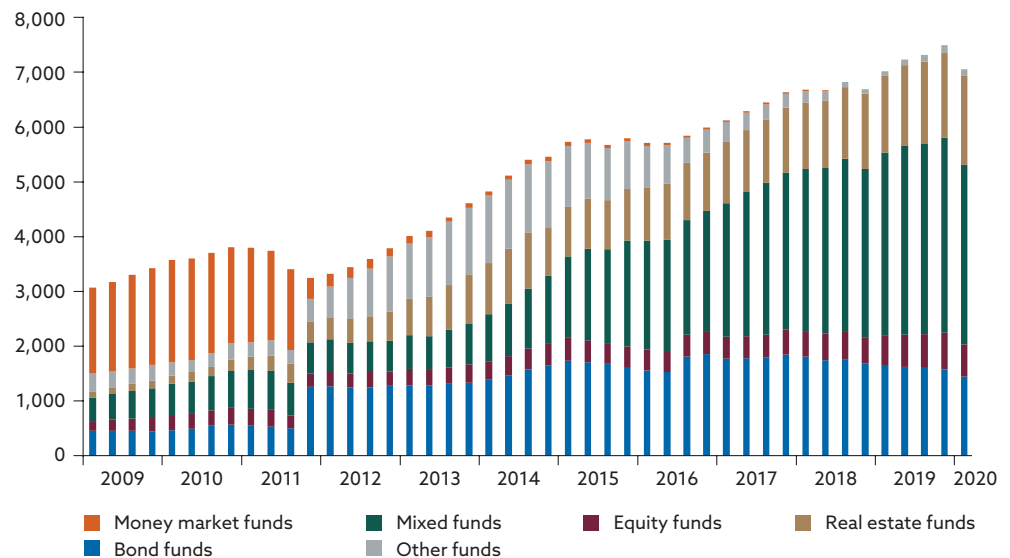
**Table 8 Total assets of mutual funds broken down by type of fund (year-on-year percentage changes)**

| Total assets      | Medziročná zmena (v %) |          |          |           |           |          |          |           |           |
|-------------------|------------------------|----------|----------|-----------|-----------|----------|----------|-----------|-----------|
|                   | III. 2018              | VI. 2018 | IX. 2018 | XII. 2018 | III. 2019 | VI. 2019 | IX. 2019 | XII. 2019 | III. 2020 |
| Bond funds        | 1.70                   | -2.37    | -1.79    | -8.84     | -8.94     | -6.71    | -8.43    | -6.58     | -12.34    |
| Equity funds      | 17.49                  | 21.80    | 22.69    | 4.49      | 19.17     | 19.80    | 17.70    | 39.76     | 7.24      |
| Mixed funds       | 21.55                  | 15.12    | 13.50    | 7.44      | 12.35     | 14.18    | 10.40    | 15.94     | -1.76     |
| Real estate funds | 8.84                   | 8.50     | 14.22    | 14.81     | 15.28     | 19.20    | 14.56    | 14.05     | 16.19     |
| Other funds       | -44.70                 | -45.84   | -69.72   | -64.20    | -55.47    | -38.80   | 43.61    | 45.28     | 28.51     |

Source: NBS.

**Chart 66**

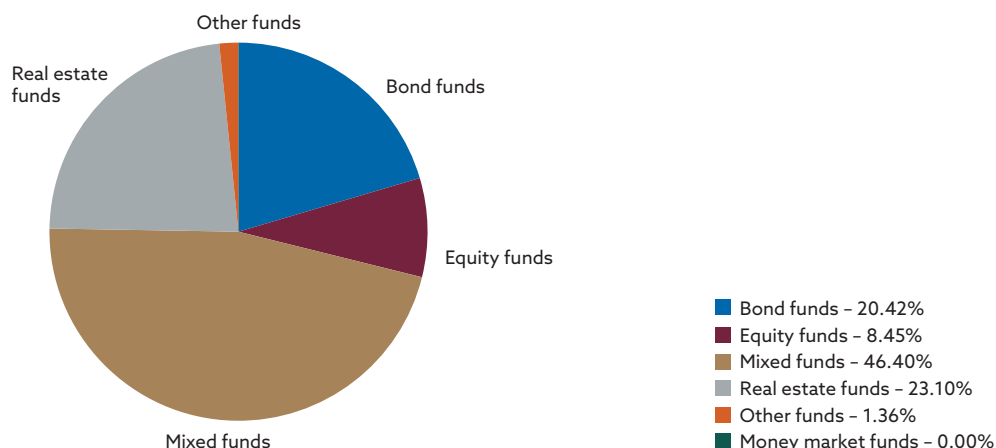
**Mutual funds broken down by investment strategy (EUR millions)**



Source: NBS.

**Chart 67**

**Total assets of domestic mutual funds as at 31 March 2020 broken down by type of fund**



Source: NBS.

## 3.2 Asset structure of domestic investment funds

### 3.2.1 Bond funds

Bond funds invest primarily in government and bank debt securities and in bank time deposits.

In terms of asset type, bond funds' total assets as at 31 March 2020 broke down as follows: 48.99% were debt securities (up from 39.00% at the end of the previous quarter); 32.12% were bank time deposits and current account holdings; 18.71% were investment fund shares/units (less than in the previous quarter); and the remaining 0.16% were other assets (including financial derivatives).

In terms of issuer residency, bond funds' holdings of debt securities as at 31 March 2020 broke down as follows: 55.86% were securities issued in the rest of the world (down by 0.39 percentage point quarter on quarter); 23.70% were securities issued in other euro area countries (up by 1.03 percentage points quarter on quarter); and 20.06% were domestic securities (down by 1.02 percentage points quarter on quarter).

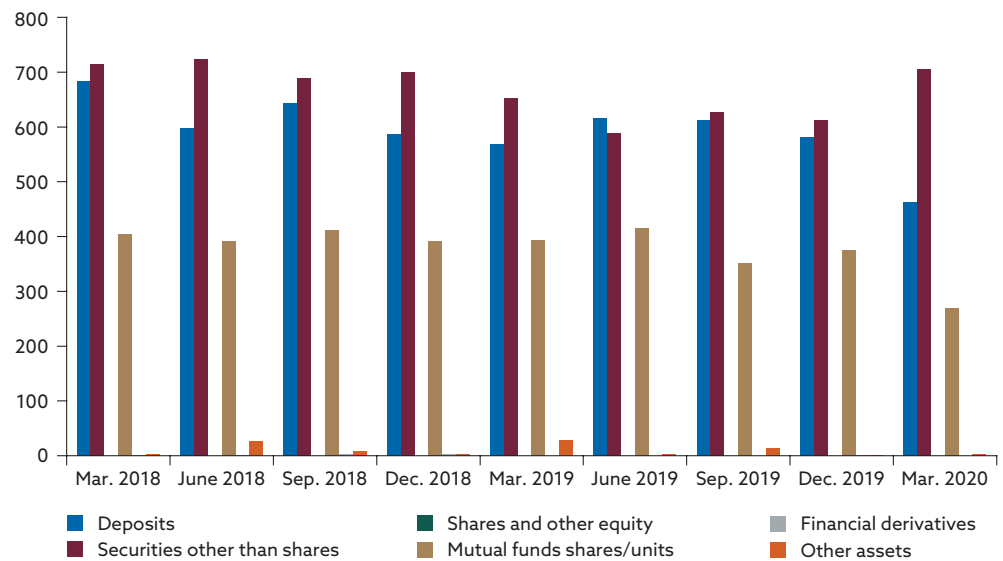
In terms of issuer sector, bond funds' holdings of debt securities as at 31 March 2020 broke down as follows: 47.09% were government bonds, 30.51% were debt securities issued by non-financial corporations and other financial institutions, and the remaining 22.40% were debt securities issued by banks.

In terms of residual maturity, bond funds' securities holdings as at 31 March 2020 broke down as follows: 27.18% of the securities had a maturi-

ty of up to one year, 19.42% a maturity of over one year and up to two years, and 53.39% a maturity of over two years.

**Chart 68**

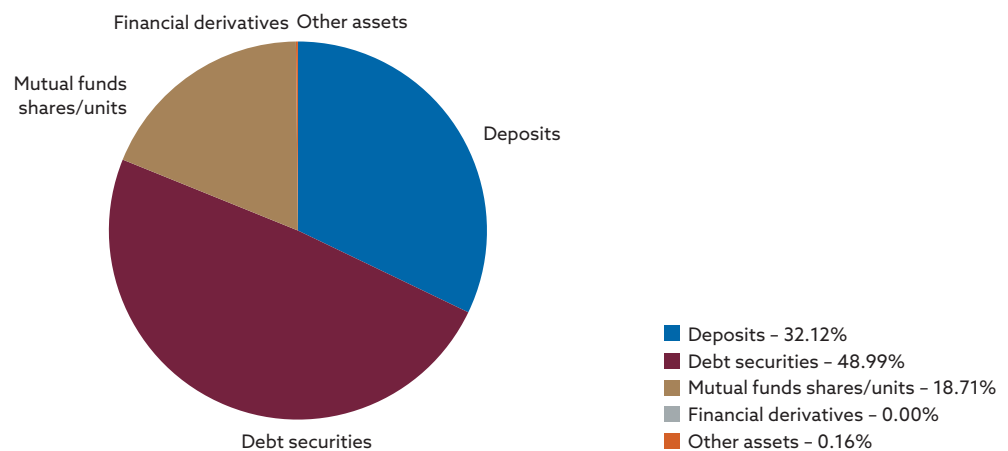
**Bond funds: evolution of assets (EUR millions)**



Source: NBS.

**Chart 69**

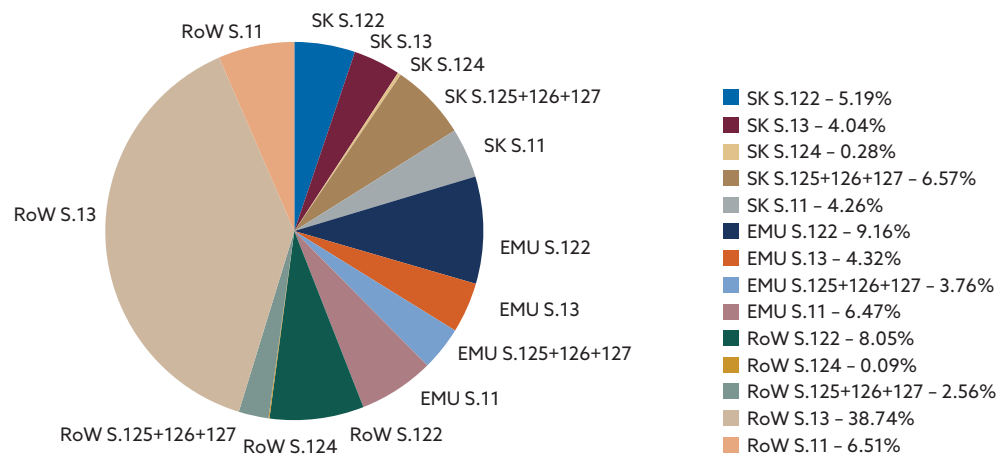
**Bond funds: structure of assets as at 31 March 2020**



Source: NBS.

Chart 70

Geographical and sectoral breakdown of debt securities in the portfolio of bond funds as at 31 March 2020

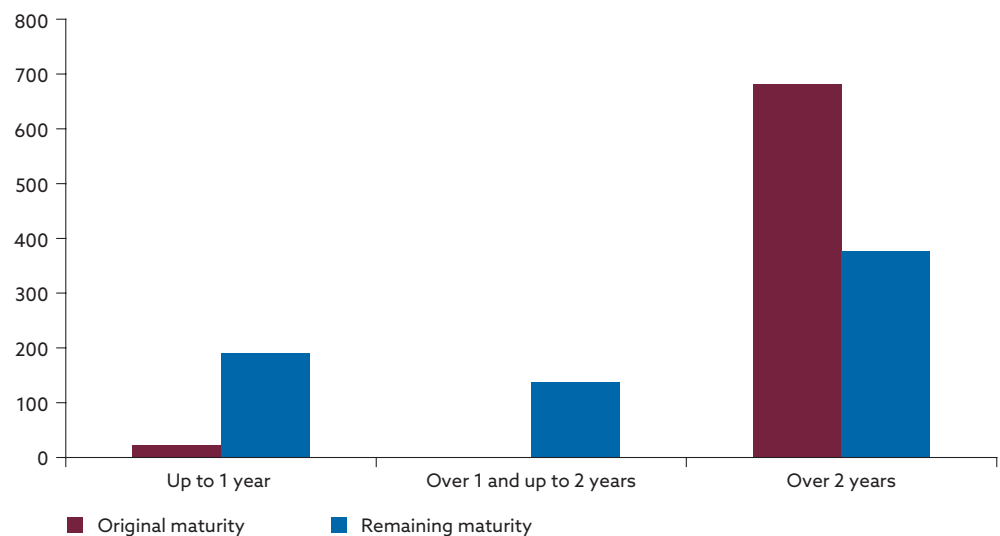


Source: NBS.

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

Chart 71

Maturity breakdown of debt securities in the portfolio of bond funds as at 31 March 2020 (EUR millions)



Source: NBS.

### 3.2.2 Equity funds

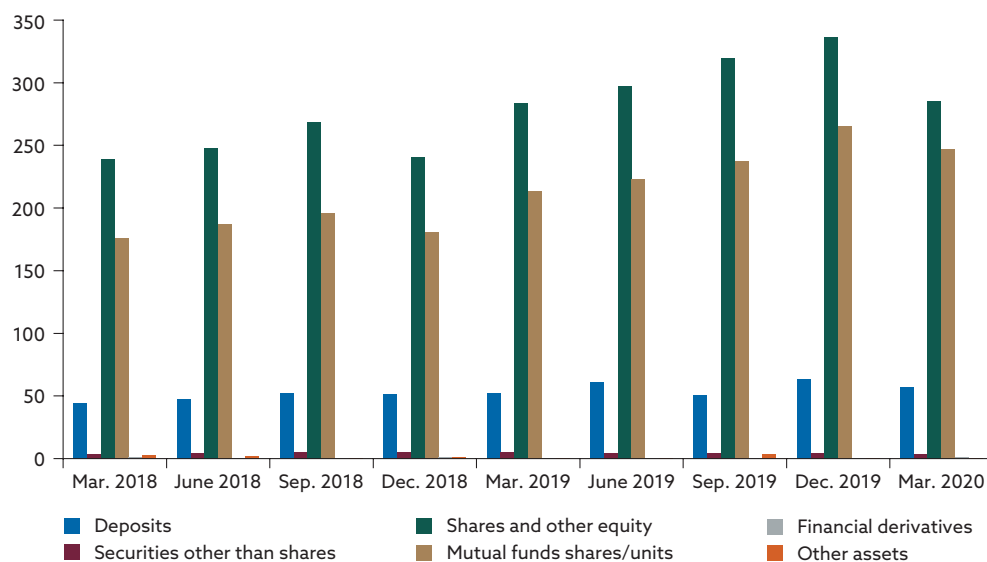
In terms of asset type, equity funds' total assets as at 31 March 2020 broke down as follows: 47.96% were shares and other equity participations; 41.49% were investment fund shares/units (up by 1.89 percentage points quarter on quarter); 9.58% were bank deposit account holdings (up by 0.12 percentage point quarter on quarter); 0.68% were debt securities (more than in the previous quarter); and 0.29% were other assets (including financial derivatives).

Equity funds' holdings of investment fund shares/units broken down by issuer residency remained broadly unchanged during the quarter under review, as follows: 14.69% of the shares/units were issued by funds resident in Slovakia; 79.87% were issued by funds resident in other euro area countries; and 5.45% were issued by funds resident in the rest of the world. In terms of sector, equity funds' share/unit holdings as at 31 March 2020 comprised exclusively investment fund shares/units.

Equity funds' share holdings as at 31 March 2020 broke down as follows: 73.61% were shares issued by non-financial corporations (NFCs) from the rest of the world; 10.61% were issued by NFCs resident in euro area countries; 5.66% were issued by credit institutions resident in non-euro area EU countries; and less than 5% were issued by issuers from other sectors.

### Chart 72

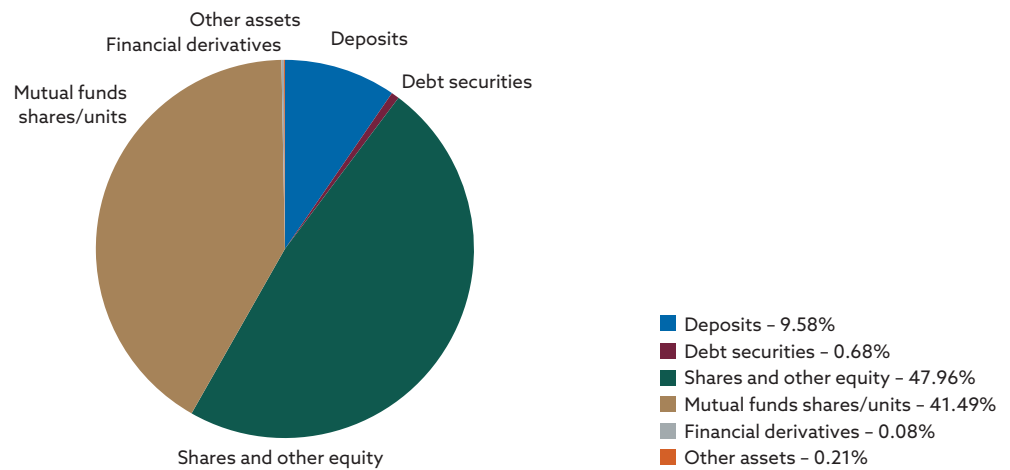
#### Equity funds: evolution of assets (EUR millions)



Source: NBS.

**Chart 73**

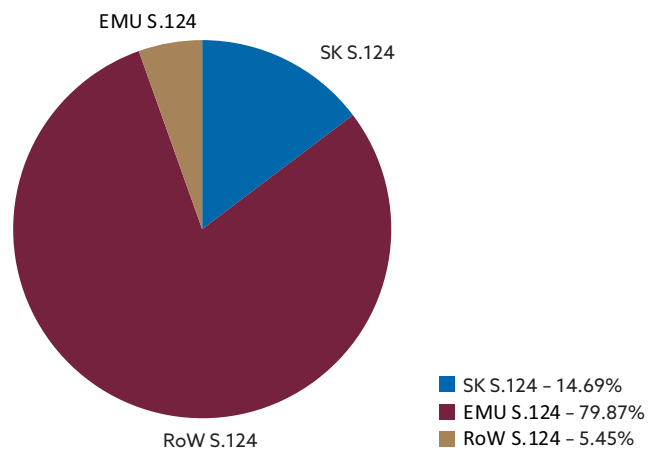
**Equity funds: structure of assets as at 31 March 2020**



Source: NBS.

**Chart 74**

**Geographical and sectoral breakdown of mutual funds shares/units in the portfolio of equity funds as at 31 March 2020**

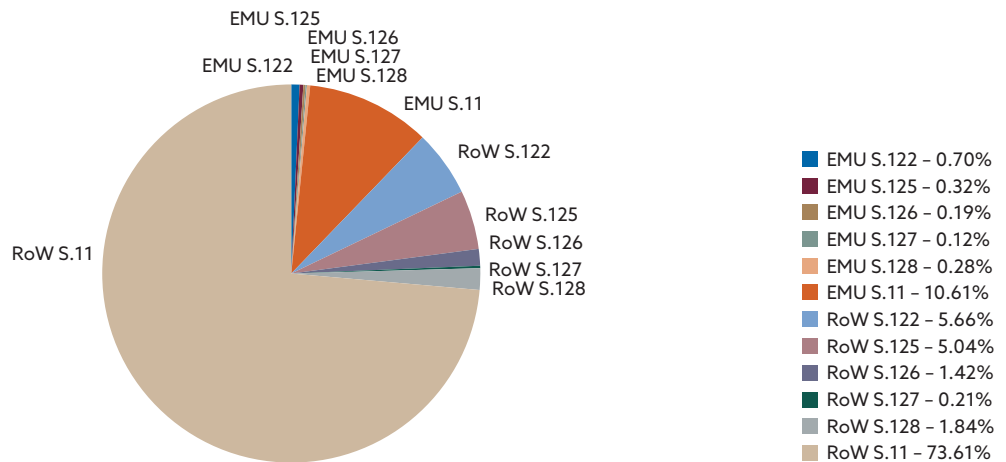


Source: NBS.

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

Chart 75

Geographical and sectoral breakdown of shares and other equity in the portfolio of equity funds as at 31 March 2020



Source: NBS

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

### 3.2.3 Mixed funds

The most significant asset items of mixed funds have historically been investment fund shares/units. They accounted for 60.52% of the total assets of mixed funds as at 31 March 2020. Other significant asset items of mixed funds at that date were bank deposit account holdings (21.30%), debt securities (16.43%), shares (0.97%), and other assets, including financial derivatives (0.78%).

In terms of issuer residency, mixed funds' holdings of investment fund shares/units remained broadly unchanged in the quarter under review and, at 31 March 2020, broke down as follows: 76.17% were issued by funds resident in euro area countries; 20.70% were issued by domestic funds; and 3.13% were issued by funds from the rest of the world.

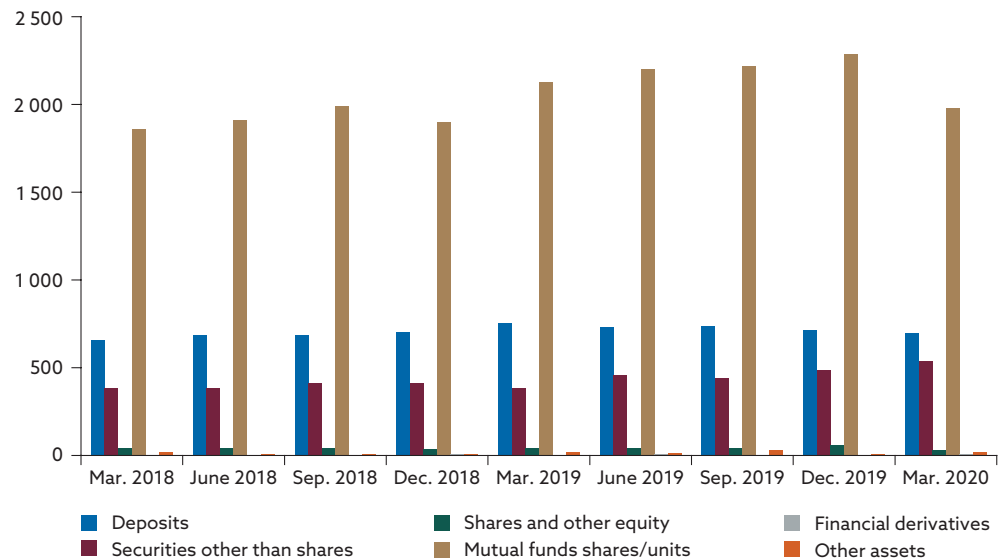
Mixed funds' securities holdings as at 31 March 2019 broke down, in terms of issuer residency, as follows: 59.18% were bonds issued by domestic issuers, 23.35% were securities issued by corporations from the rest of the world, and 17.47% were securities issued by issuers from other euro area countries.

In terms of issuer sector, non-financial corporations (sector S.11) accounted for the largest share, 26.18%, of mixed funds' securities holdings as at 31 March 2020, followed by the general government sector (S.13) with a share of 21.30% and the banking sector (S.122) with a share of 7.56%.

In terms of residual maturity, mixed funds' securities holdings as at 31 March 2020 broke down as follows: 9.84% of the securities had a maturity of up to one year, 13.95% a maturity of over one year and up to two years, and 76.21% a maturity of over two years.

**Chart 76**

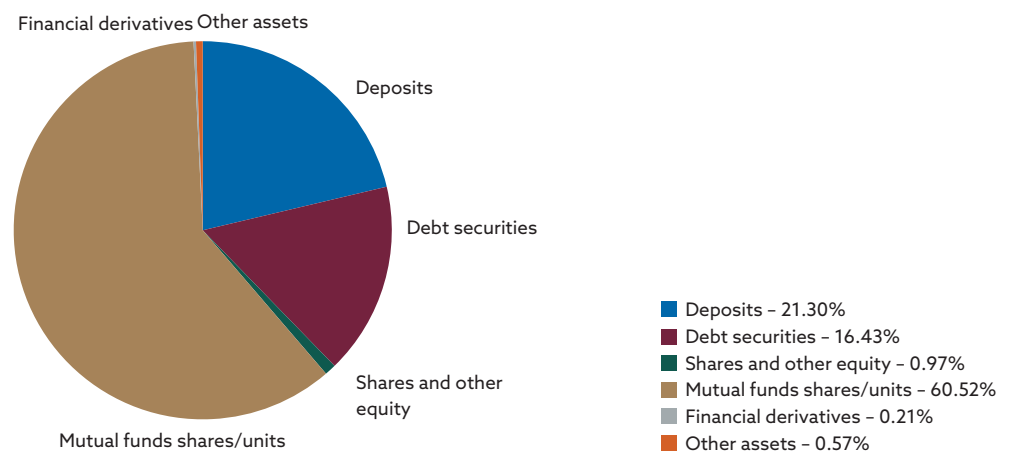
**Mixed funds: evolution of assets (EUR millions)**



Source: NBS.

**Chart 77**

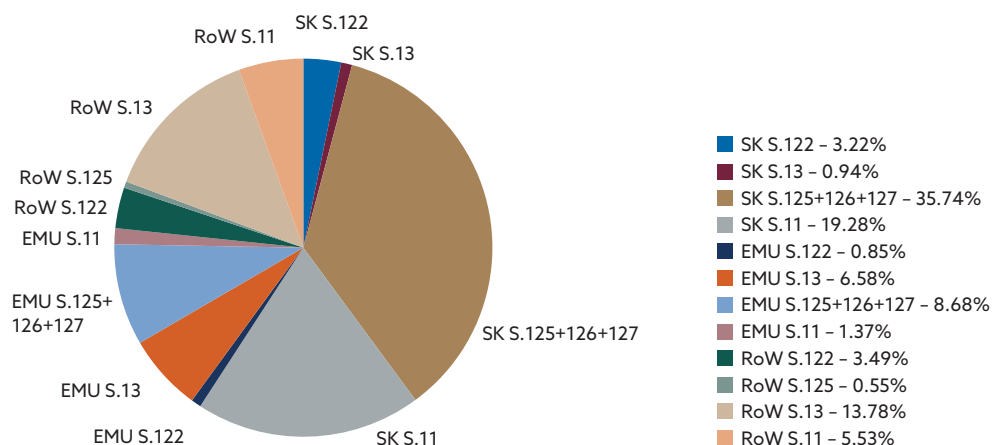
**Mixed funds: structure of assets as at 31 March 2020**



Source: NBS.

**Chart 78**

**Geographical and sectoral breakdown of debt securities in the portfolio of mixed funds as at 31 March 2020**

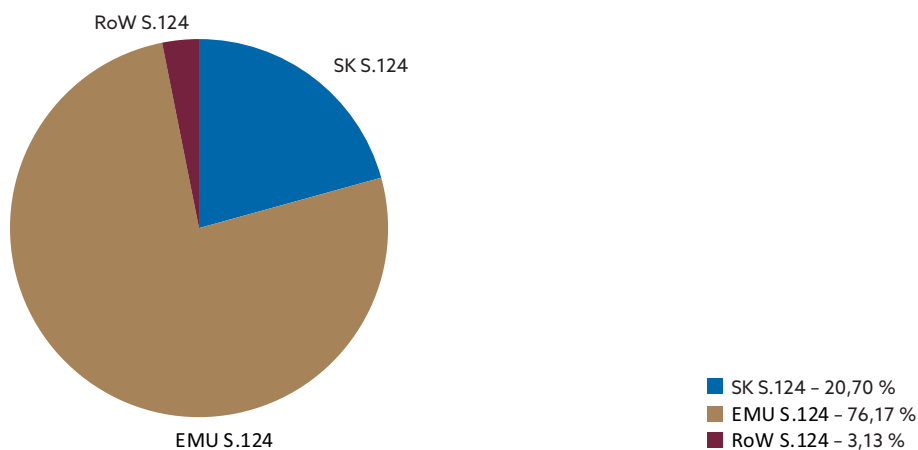


**Source:** NBS.

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

**Chart 79**

**Geographical and sectoral breakdown of mutual funds shares/units in the portfolio of mixed funds as at 31 March 2020**

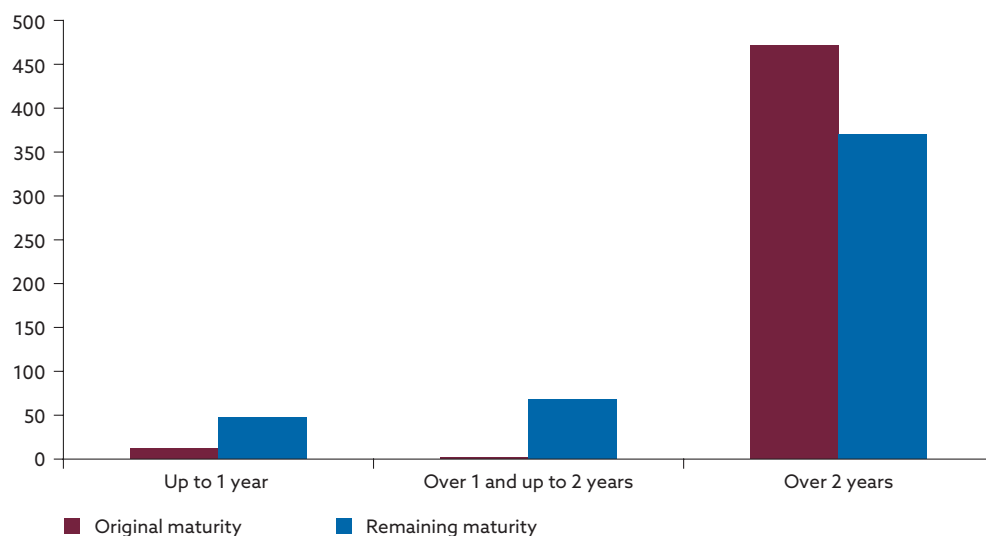


**Source:** NBS.

**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 2020 (EUR millions)**



Source: NBS.

### 3.2.4 Real estate funds

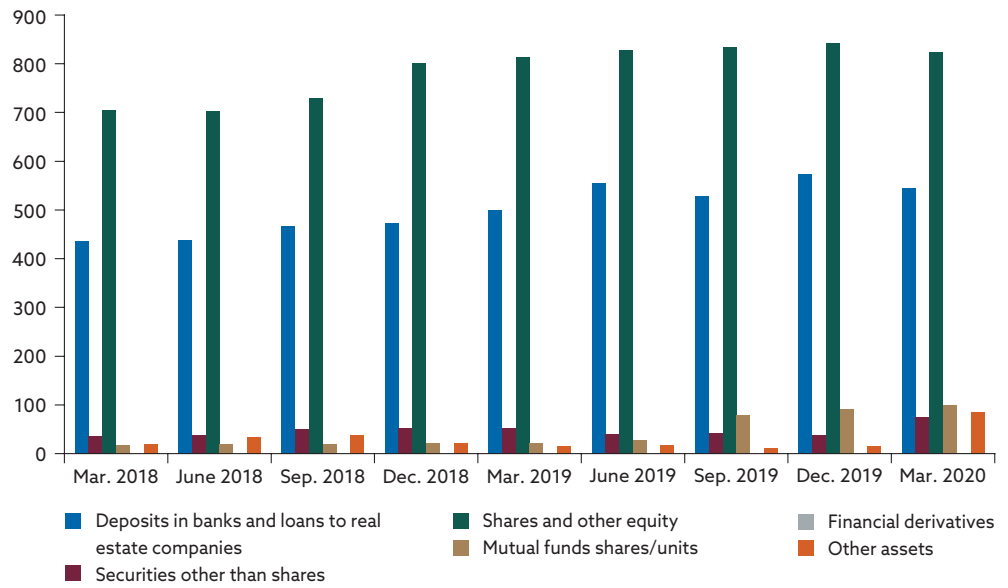
Real estate funds invest primarily in shares and equity participations in real estate companies, according to their investment strategy. They may use the funds obtained to provide loans to real estate companies in accordance with the applicable law.

In terms of asset type, real estate funds' total assets as at 31 March 2020 broke down as follows: 33.47% were bank deposits and loans provided to real estate companies (less than at the end of the previous quarter); 50.56% were shares and other equity participations (down by 3.35 percentage points quarter on quarter); 4.56% were debt securities (less than three months earlier); 6.10% were investment fund shares/units; and 5.31% were other assets.

In terms of issuer residency and sector, the companies in which real estate funds held shares and other equity participations broke down, at end-March 2020, as follows: 88.34% of them were domestic non-financial corporations (NFCs, i.e. sector S.11); 8.61% were NFCs from the rest of the world; 0.40% were investment funds (S.124); and, from other EU Member States, 2.45% were other financial intermediaries (S.125) and 0.19% were NFCs (S.11).

Chart 81

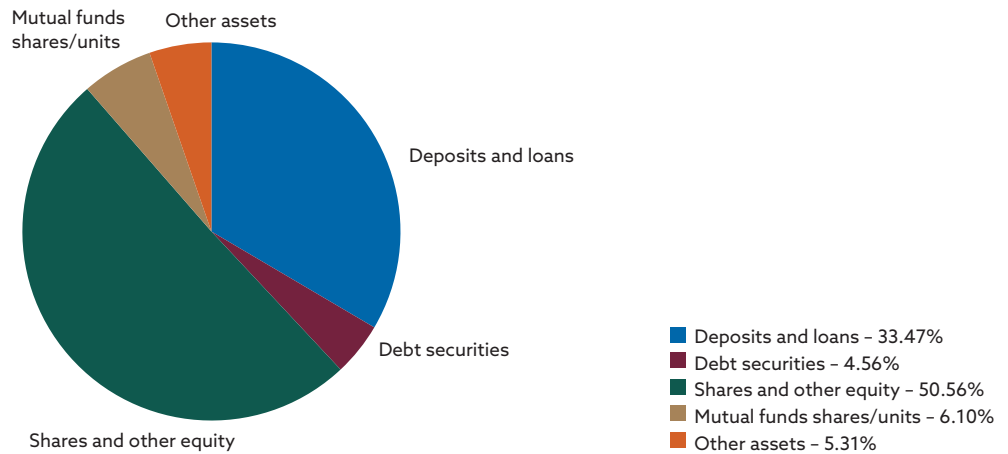
Real estate funds: evolution of assets (EUR millions)



Source: NBS.

Chart 82

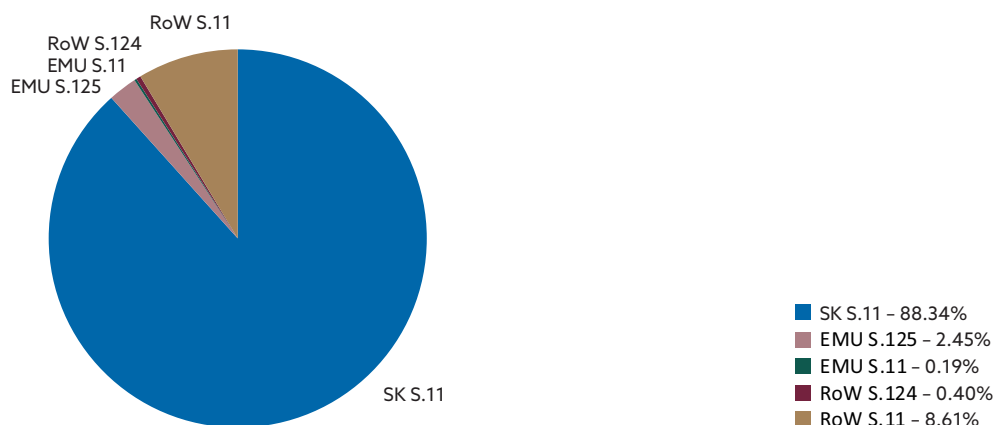
Real estate funds: structure of assets as at 31 March 2020



Source: NBS.

Chart 83

Geographical and sectoral breakdown of shares and other equity in the portfolio of real estate funds as at 31 March 2020



Source: NBS.

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

### 3.2.5 Other funds

Other investment funds comprise investment funds whose investment strategy does not allow them to be clearly placed in any of the above-mentioned categories. They include guaranteed funds, alternative investment funds (e.g. commodity funds), securities funds, professional investor funds, and other specialised funds.

The assets of other funds managed by domestic asset management companies comprise mainly bank deposits, debt securities, and investment fund shares/units.

The most significant balance-sheet items of other funds as at 31 March 2020 were debt securities with a share of 50.24% (less than at the end of the previous quarter), followed by investment fund shares/units (42.40%) and bank deposit account holdings (6.34%).

In terms of issuer residency, other funds' debt securities holdings remained broadly unchanged in the first quarter of this year and broke down, at end-March 2020, as follows: 68.89% were domestic securities (down by 1.99 percentage points quarter on quarter); 18.05% were securities issued in other euro area countries (up by 0.85 percentage point quarter on quarter); and 15.06% were securities issued in the rest of the world (up by 1.15 percentage points quarter on quarter).

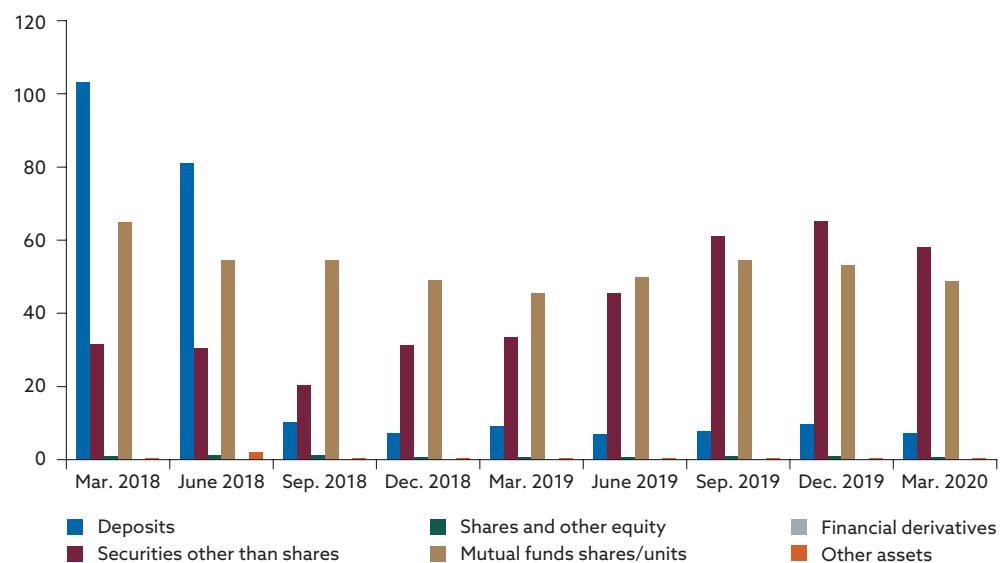
In terms of issuer sector, securities issued by non-monetary financial institutions (sectors S.125, S.126 and S.127) accounted for the largest share of other funds' debt securities holdings as at 31 March 2020, 65.20%, followed

by securities issued by non-financial corporations (S.11) with a share of 18.23%, securities issued in the general government sector (S.13) with a share of 12.69%, and securities issued by banks (S.122) with a share of 3.88%.

In terms of residual maturity, other funds' debt securities holdings as at 31 March 2020 broke down as follows: 5.10% of the securities had a maturity of up to one year, 22.15% a maturity of over one year and up to two years, and 72.75% a maturity of over two years.

**Chart 84**

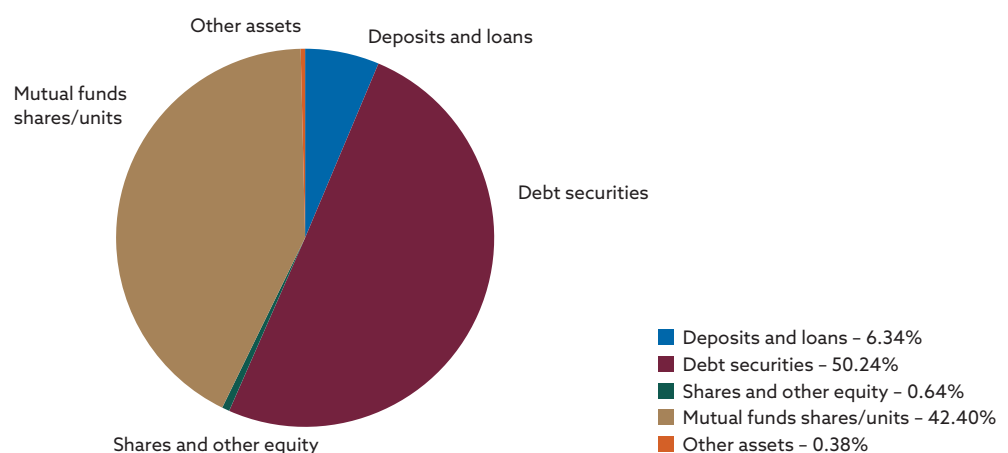
**Other funds: evolution of assets (EUR millions)**



Source: NBS.

**Chart 85**

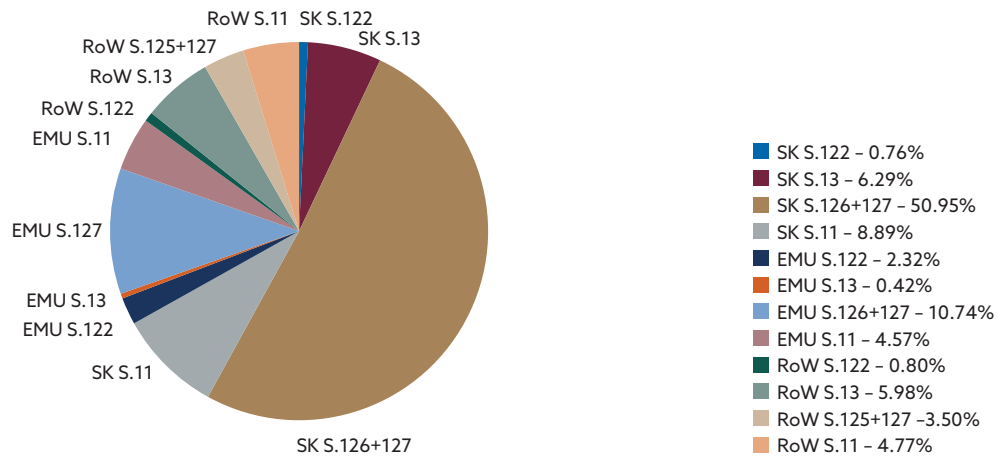
**Other funds: structure of assets as at 31 March 2020**



Source: NBS.

Chart 86

Geographical and sectoral breakdown of debt securities in the portfolio of other funds as at 31 March 2020

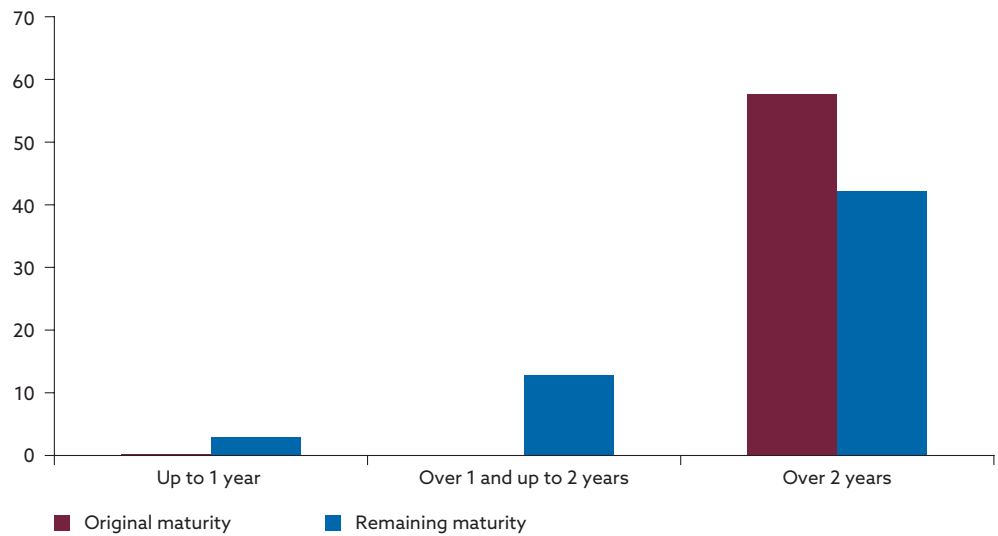


Source: NBS.

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 2020 (EUR millions)



Source: NBS.

## 4 Leasing, factoring 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*.

In terms of asset growth, the first quarter of 2020 was favourable for factoring and consumer credit companies. Leasing companies, by contrast, recorded a year-on-year decline in their assets in that period.

The total assets of factoring companies as at 31 March 2020 were higher, year on year, by 2.34%. As for consumer credit companies, their total assets were 4.72% higher at the end of the quarter under review than a year earlier. The total assets of leasing companies were lower, year on year, by 0.93%.

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

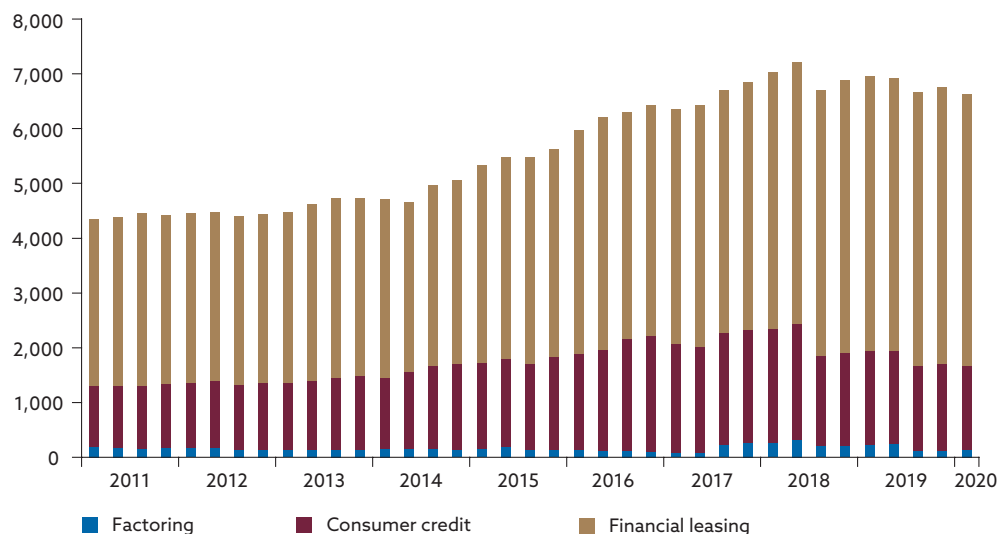
| Total assets      | Year-on-year change in % |          |          |           |           |          |          |          |           |
|-------------------|--------------------------|----------|----------|-----------|-----------|----------|----------|----------|-----------|
|                   | III. 2018                | VI. 2018 | IX. 2018 | XII. 2018 | III. 2019 | VI. 2019 | IX. 2019 | XII.2019 | III. 2020 |
| Financial leasing | 9.54                     | 8.30     | 9.39     | 9.99      | 6.89      | 4.01     | 3.03     | 1.50     | -0.93     |
| Factoring         | -7.64                    | -16.62   | -13.88   | -19.82    | -46.62    | -40.86   | -45.13   | -50.87   | 2.34      |
| Consumer credit   | -19.47                   | -18.37   | -17.21   | -20.20    | -4.55     | -6.50    | -10.00   | 0.80     | 4.72      |

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 88**

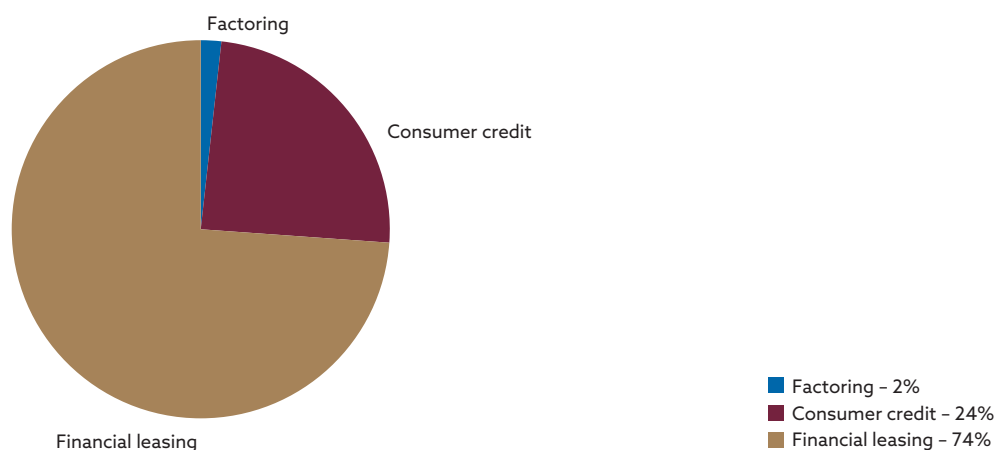
**Evolution of total assets by type of business (EUR millions)**



Source: NBS.

**Chart 89**

**Total assets of financial corporations engaged in lending broken down by type of company as at 31 March 2020**



Source: NBS.

Among companies engaged in non-bank lending, leasing companies have long held the leading position in this market. They accounted for 74% of the total assets in the first quarter of 2020. Consumer credit companies and factoring companies had a market share of 24% and 2% respectively.

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

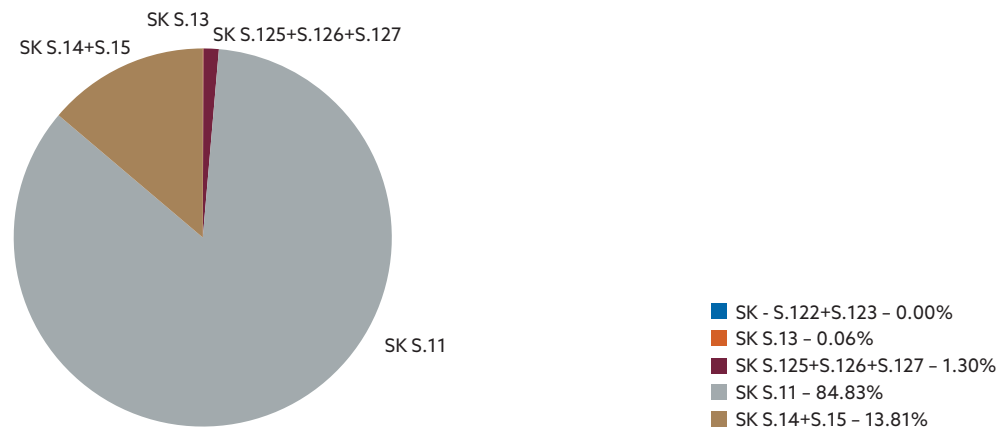
In financial leasing, the share of domestic customers was still 100% in the period under review, of which non-financial corporations accounted for 84.83%, households for 13.81%, and other sectors for 1.36%.

Domestic customers constituted 29.76% of consumer credit companies' total customers as at 31 March 2020, while customers from the rest of world accounted for 68.10% and those from other euro area countries for 2.13%. Since the purchase of goods through instalment credit is traditionally an important form of household financing in Slovakia, the household sector continued to account for the largest share of domestic customers, 86.26%, in the period under review. It was followed by the non-financial corporations sector with a share of 12.84 % and that of other financial intermediaries with a share of 0.89%.

At the end of the first quarter of 2020, domestic customers constituted 97.95% of factoring companies' total customers, of which customers from the rest of the world accounted for 2.05%. The customers of factoring companies in Slovakia were dominated by households with a share of 75.19%, followed by non-financial corporations with a share of 24.81%.

### Chart 90

Geographical and sectoral breakdown of lending by financial leasing companies as at 31 March 2020

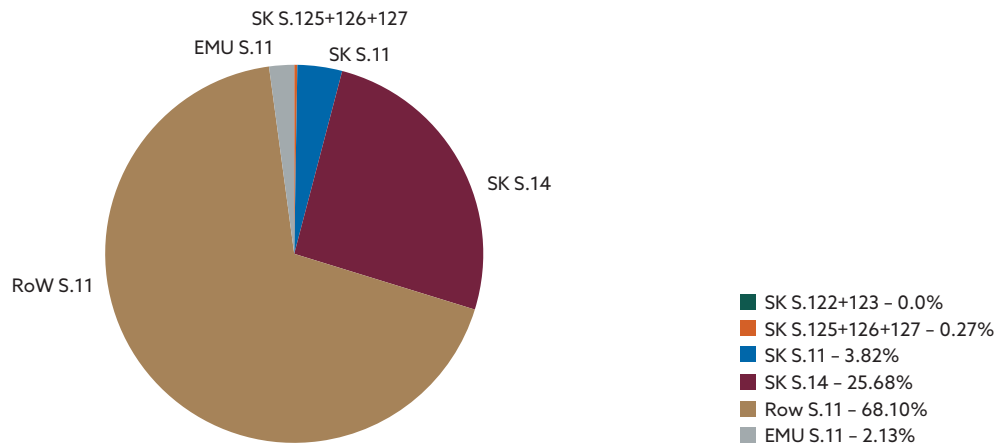


Source: NBS

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

**Chart 91**

**Geographical and sectoral breakdown of lending by consumer credit companies as at 31 March 2020**

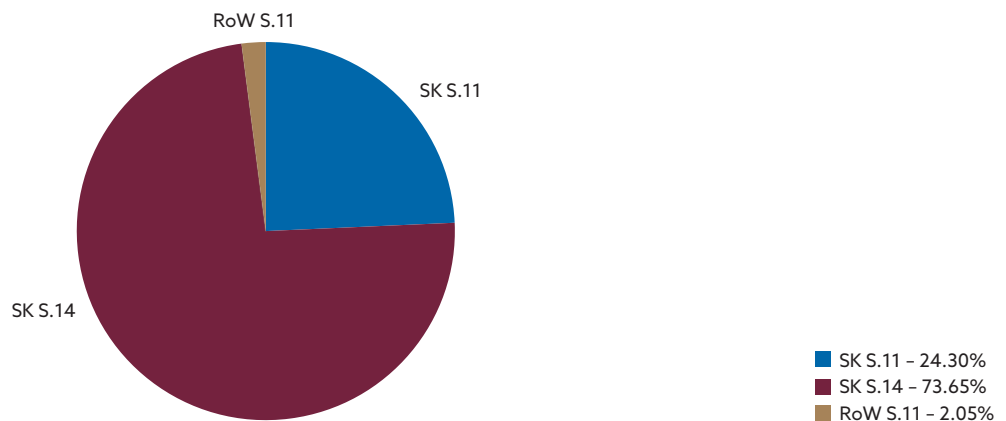


**Source:** NBS.

**Note:** SK = domestic borrowers; EMU = borrowers from other euro area member states

**Chart 92**

**Geographical and sectoral breakdown of lending by factoring companies as at 31 March 2020**



**Source:** NBS.

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

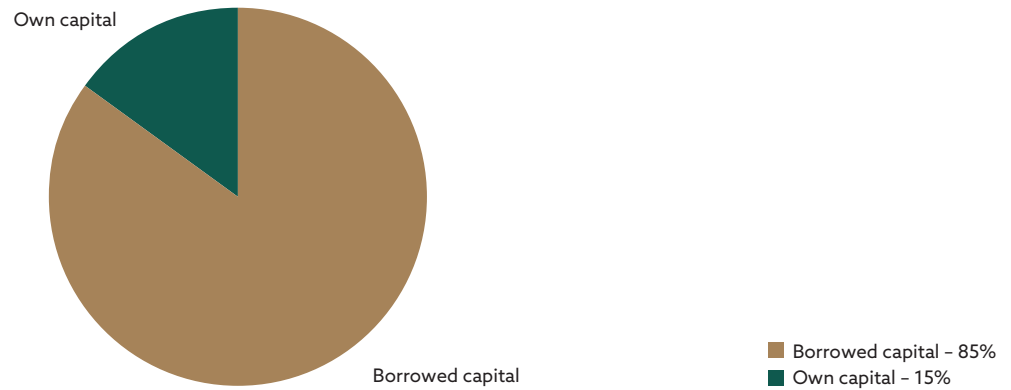
Regarding the flow of funds across the individual economic sectors, an interesting aspect is the allocation of financial resources to the types of companies under review, for the provision of credits and loans through non-bank lending channels.

The main source of financing was foreign (borrowed) capital representing 85.03% of the total financial resources. Foreign capital was obtained mostly in the form of bank loans, which accounted for 81.92% at 31 March 2020. The rest was obtained in the form of proceeds from issues of debt securities (8.48%) and credits or loans borrowed from companies belonging to the same group (9.6%).

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

**Chart 93**

**Breakdown of source capital as at 31 March 2020**



Source: NBS.

# 5 Securities

## 5.1 Debt securities

In terms of issuer sector, the overall portfolio of debt securities as at 31 March 2020 was dominated by government bonds (€39,393.2 million), followed by bonds issued by banks (€7,154.3 million), debt securities issued by non-financial corporations (€3,704.5 million) and those issued by other financial institutions (€3,007.1 million).

The net issuance of debt securities declined slightly in the first quarter of 2020, by approximately €22.9 million quarter on quarter, i.e. the amount of newly issued securities was lower than the amount redeemed. Debt securities issuance in the government sector increased in that period by €1,107.8 million in net terms. This increase was offset by decline in debt securities issuance in other sectors (bonds issuance by other financial institutions, banks and non-financial corporations decreased in net terms by €941.6 million, €136.2 million and €52.8 million respectively).

**Table 10 Debt securities (in thousands of EUR)**

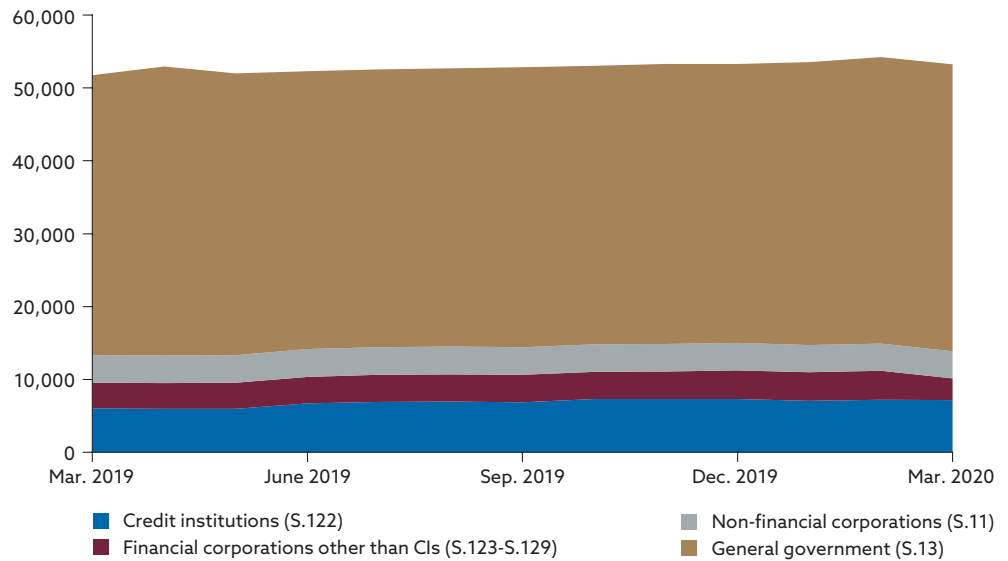
| Month     | Outstanding amounts |                                 |                                     |                           |                    | Net issues |                                 |                                     |                           |                    |
|-----------|---------------------|---------------------------------|-------------------------------------|---------------------------|--------------------|------------|---------------------------------|-------------------------------------|---------------------------|--------------------|
|           | Total               | Monetary financial institutions | Non-monetary financial institutions | Nonfinancial corporations | General government | Total      | Monetary financial institutions | Non-monetary financial institutions | Nonfinancial corporations | General government |
| 2019 / 03 | 51,726,187          | 6,024,590                       | 3,519,668                           | 3,769,347                 | 38,412,581         | 1,042,343  | 400,925                         | 159,314                             | -44,882                   | 526,986            |
| 2019 / 06 | 52,270,287          | 6,728,568                       | 3,628,505                           | 3,792,472                 | 38,120,742         | 545,650    | 704,182                         | 100,475                             | 20,439                    | -279,446           |
| 2019 / 09 | 52,817,373          | 6,870,055                       | 3,744,357                           | 3,796,956                 | 38,406,004         | 468,749    | 140,511                         | 110,265                             | 2,373                     | 215,600            |
| 2019 / 12 | 53,281,531          | 7,291,997                       | 3,943,465                           | 3,754,729                 | 38,291,341         | 495,950    | 422,262                         | 190,134                             | -46,358                   | -70,088            |
| 2020 / 03 | 53,259,061          | 7,154,296                       | 3,007,125                           | 3,704,469                 | 39,393,171         | -22,861    | -136,151                        | -941,649                            | -52,820                   | 1,107,760          |

Source: NBS.

The stock of debt securities issued increased over the first quarter of 2020 by 1.05%.

**Chart 94**

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

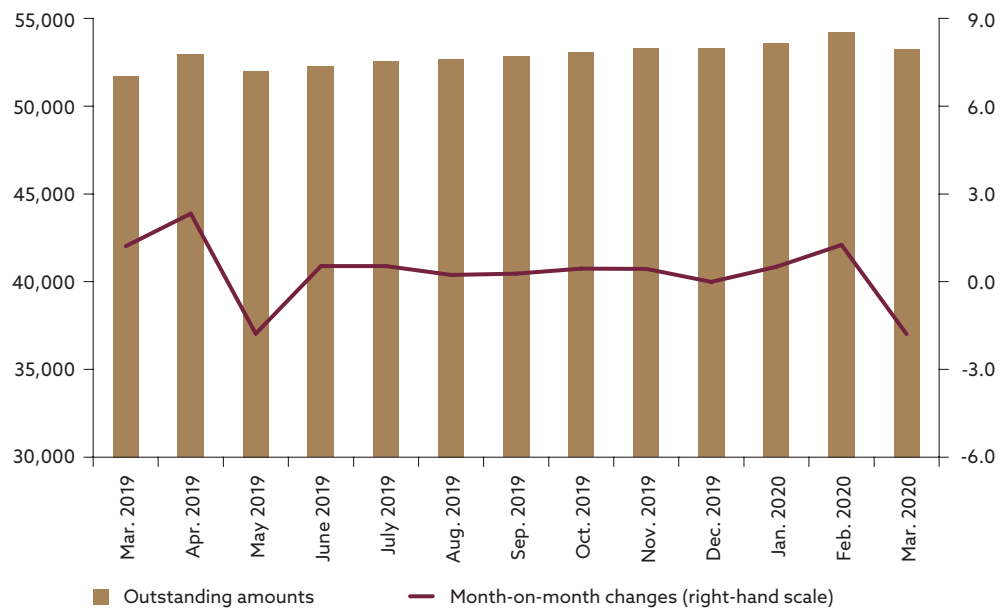


Source: NBS.

During the first quarter of 2020, the stock of debt securities issued increased, month on month, by 0.51% in January and 1.26% in February. March, by contrast, saw a month-on-month decrease of 1.79% in the stock of these securities.

**Chart 95**

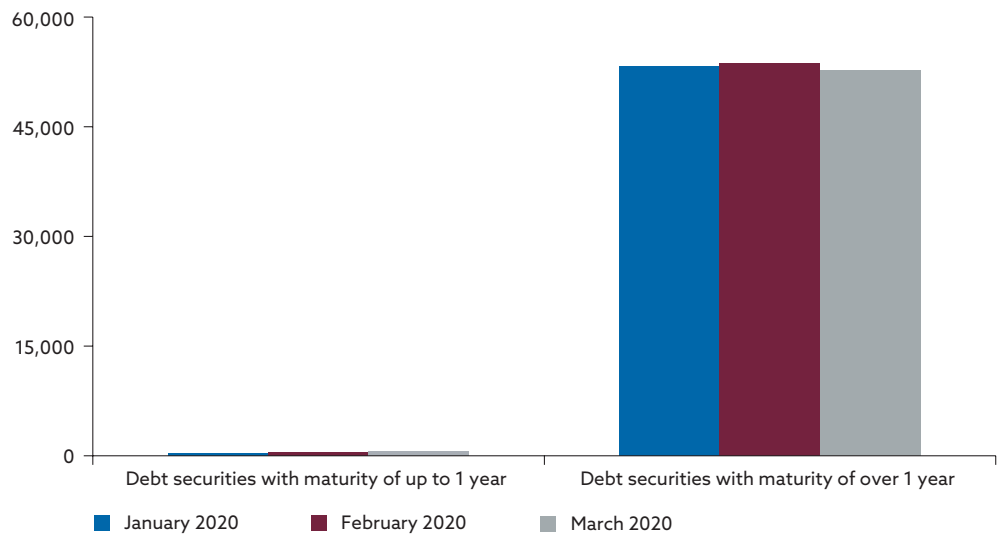
**Debt securities (outstanding amounts, month-on-month changes)**



Source: NBS.

**Chart 96**

**Debt securities (outstanding amounts, EUR millions, Q1 2020)**



**Source:** NBS.

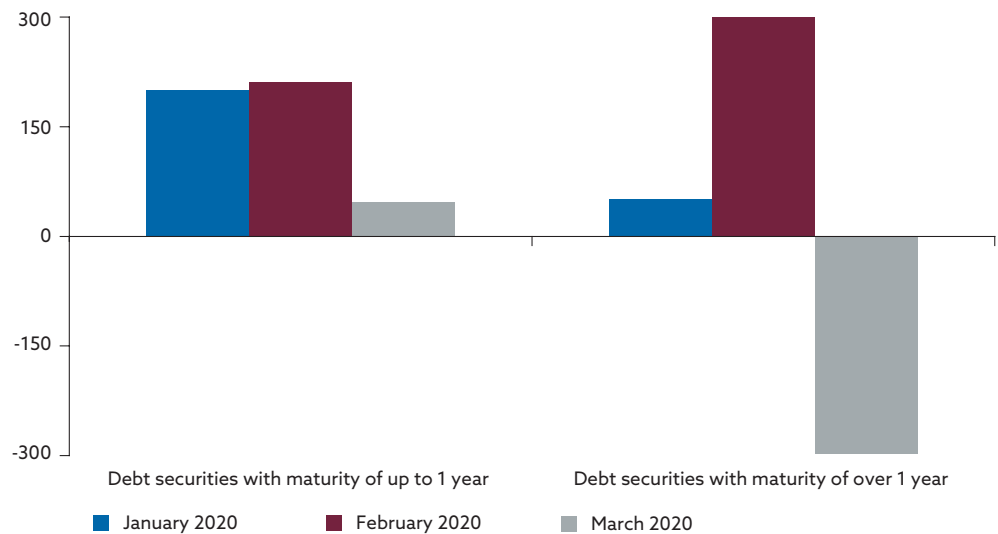
A total of 22 new issues were placed on the securities market during the first quarter of 2020, including six issued by non-financial corporations, seven issued by banks, two issued by other financial intermediaries, two issued by financial auxiliaries, and five issued by captive financial institutions.

The net issuance of short-term debt securities increased over the first quarter of this year by approximately €458.5 million, owing mainly to Treasury-bill issuance in the amount of €444 million.

The net issuance of long-term debt securities declined in the period under review by approximately €481.3 million. The most significant decreases were recorded in debt securities issued by other financial intermediaries (€961.1 million), bank bonds (€135.3 million), bonds issued by non-financial corporations (€53.1 million), and bonds issued by financial auxiliaries (€29.6 million). On the other hand, long-term government bonds increased by €663.8 million and bonds issued by captive financial institutions by €34 million.

Chart 97

Debt securities (net issues, EUR millions, Q1 2020)

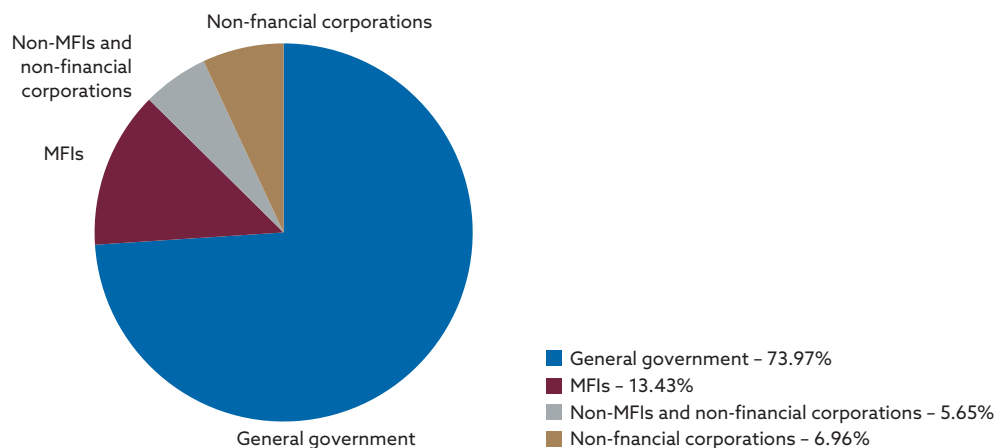


Source: NBS.

A breakdown by sector of the stock of debt securities issued shows that, at end-March 2020, the largest share of these securities was accounted for by the general government sector (74%), while monetary financial institutions accounted for 13.4%, non-financial corporations for 7%, and non-monetary financial institutions for 5.6%. In terms of their coupon type, 93.4% of the securities were fixed-coupon securities, 5% were zero-coupon securities, and 1.6% were variable-coupon securities. As much as 96% of the issues were denominated in euro, and the rest, 4%, in foreign currencies.

Chart 98

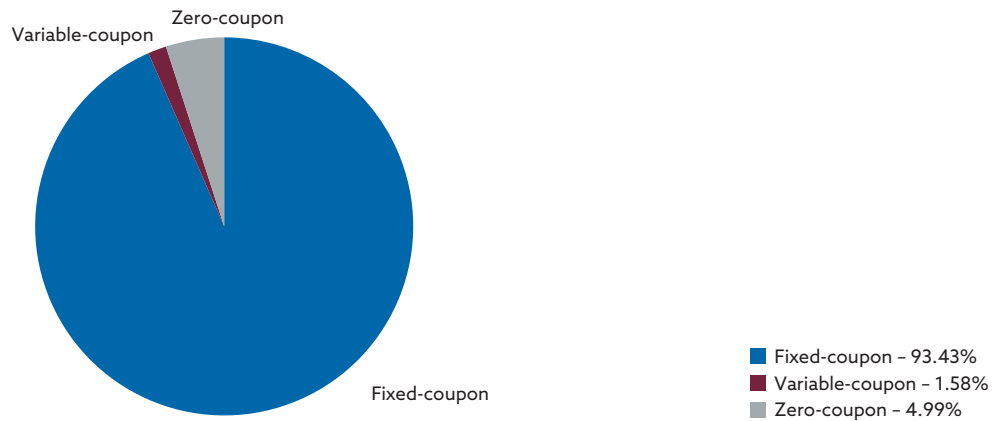
Debt securities by sector



Source: NBS.

Note: The individual items are classified according to the outstanding amounts of issues as at 31 March 2020.

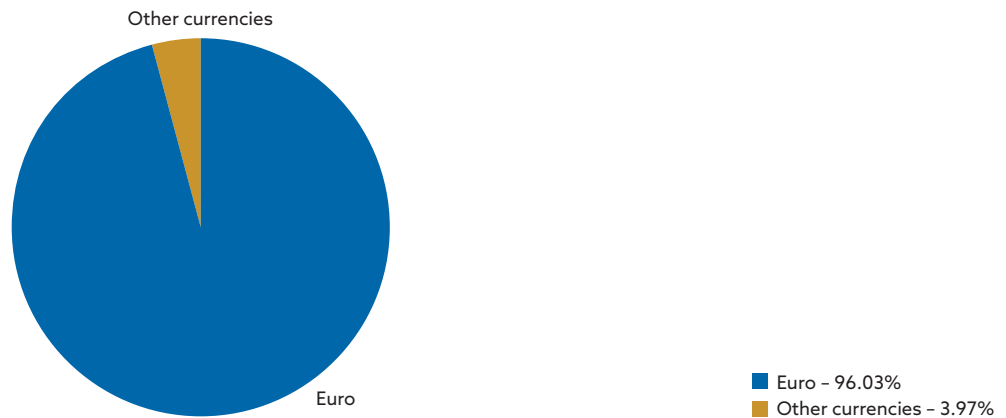
**Chart 99**  
**Debt securities by coupon type**



Source: NBS.

Note: The individual items are classified according to the outstanding amounts of issues as at 31 March 2020.

**Chart 100**  
**Debt securities by currency**



Source: NBS.

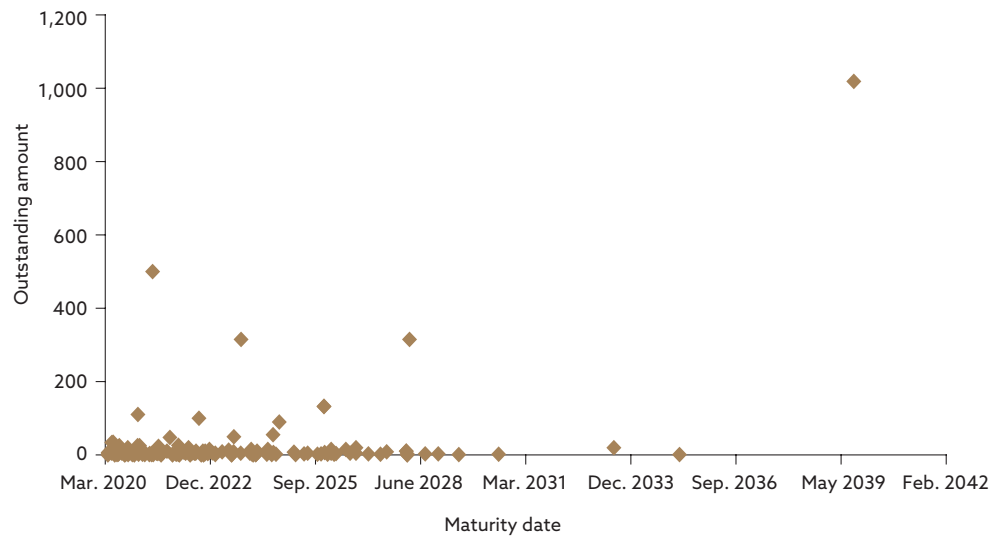
Note: The individual items are classified according to the outstanding amounts of issues as at 31 March 2020.

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 2023. The largest outstanding issue amount is more than €1 billion and the longest maturity period exceeds 19 years.

**Chart 101**

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

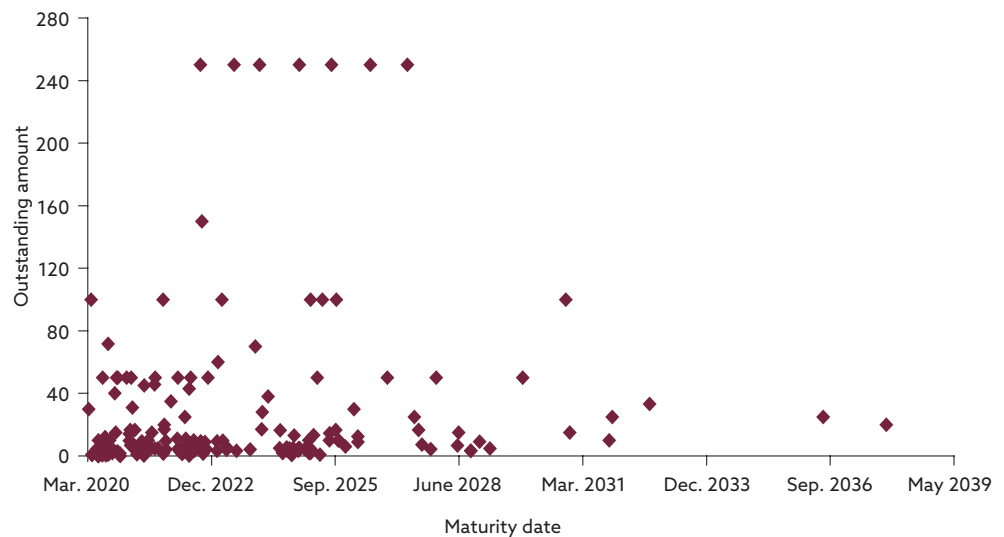


Source: NBS.

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 €250 million and the longest maturity period is until 2037.

**Chart 102**

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



Source: NBS.

Note: Analysis does not take into consideration perpetual bonds, to avoid their effect as its maturity date can be extended until 2099.

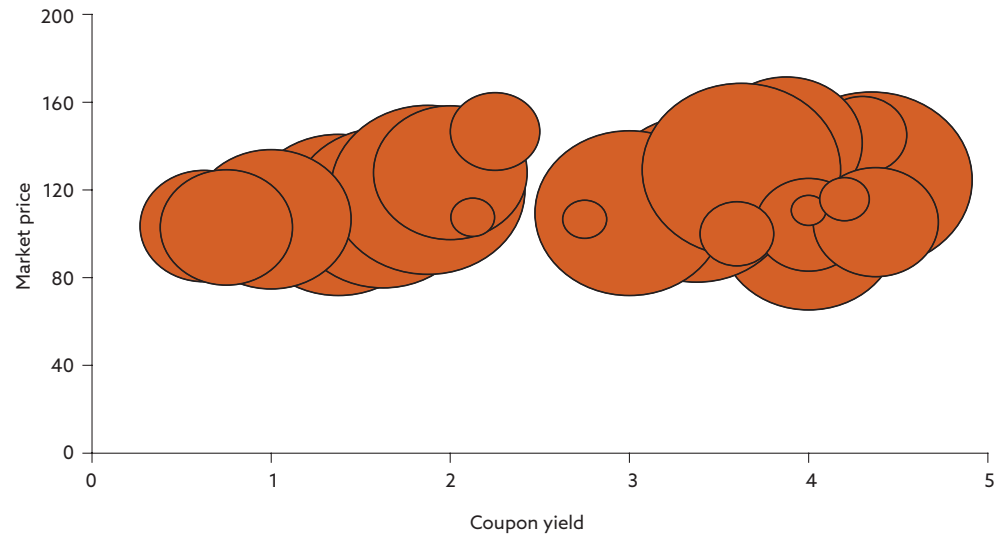
The number of debt securities issued in the government sector is lower than the number of securities issued in the aforementioned two sectors, but the outstanding amount is much higher in the former case. The issue



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 2020. The average market price<sup>2</sup> of these government bonds stood at 116.96% and the coupon yield was 2.83% at that time.

**Chart 105**

**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).

## 5.2 Listed shares

At the end of March 2020, the total stock of listed shares issued in Slovakia was lower, quarter on quarter, by €254.9 million. This decline was caused by decreases in the outstanding amounts of listed shares issued by banks (-€217.3 million), non-financial corporations (-€37.3 million) and insurance companies (-€225,000). The total market capitalisation amounted to €2,511.4 million at the end of first quarter of 2020.

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

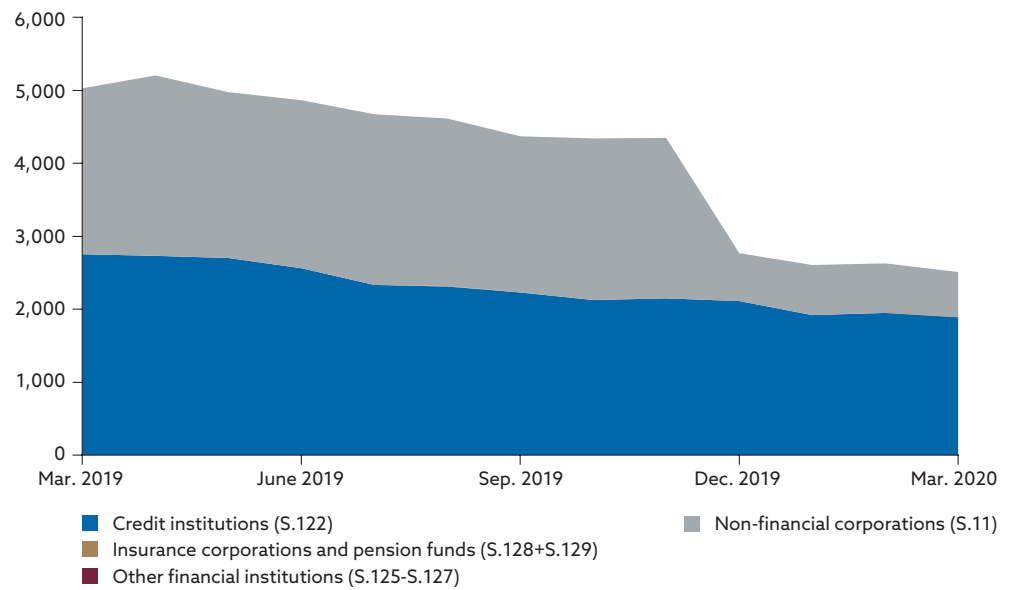
**Table 11 Quoted shares (in thousands of EUR)**

| Outstanding amounts |           |                             |                                |                                   |
|---------------------|-----------|-----------------------------|--------------------------------|-----------------------------------|
| Month               | Total     | Credit institutions (S.122) | Insurance corporations (S.128) | Non-financial corporations (S.11) |
| 2019 / 03           | 5,029,079 | 2,753,021                   | 225                            | 2,275,833                         |
| 2019 / 06           | 4,862,925 | 2,563,689                   | 225                            | 2,299,011                         |
| 2019 / 09           | 4,371,732 | 2,228,726                   | 225                            | 2,142,781                         |
| 2019 / 12           | 2,766,262 | 2,110,050                   | 225                            | 655,987                           |
| 2020 / 03           | 2,511,352 | 1,892,710                   | 0                              | 618,642                           |

Source: NBS.

**Chart 106**

**Quoted shares: market capitalization by sector (EUR millions)**



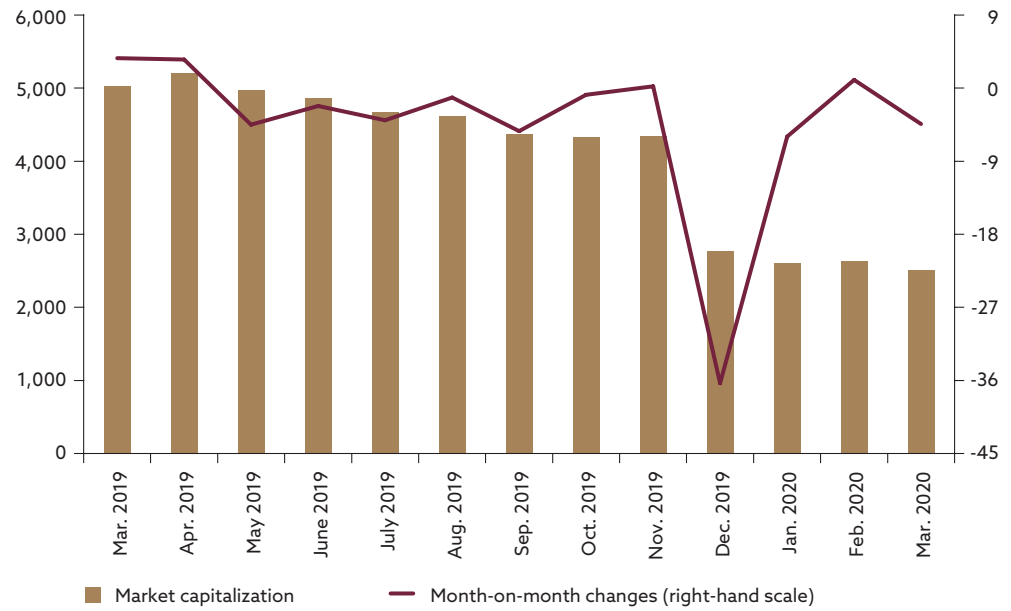
Source: NBS.

The stock of listed shares decreased in the period under review, by 9.2% quarter on quarter. The figure for credit institutions' shares was lower by 10.3%, and that for NFC shares by 5.7%.

The first quarter of 2020 saw decreases in the stock of listed shares in January (5.9%) and March (4.4%), and an increase in February (1%).

Chart 107

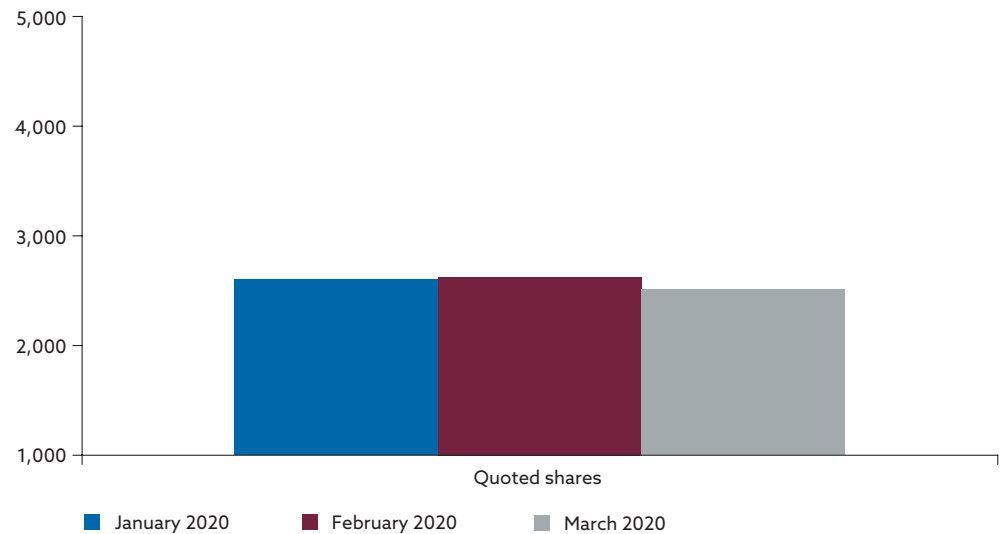
Quoted shares (market capitalization, month-on-month changes)



Source: NBS.

Chart 108

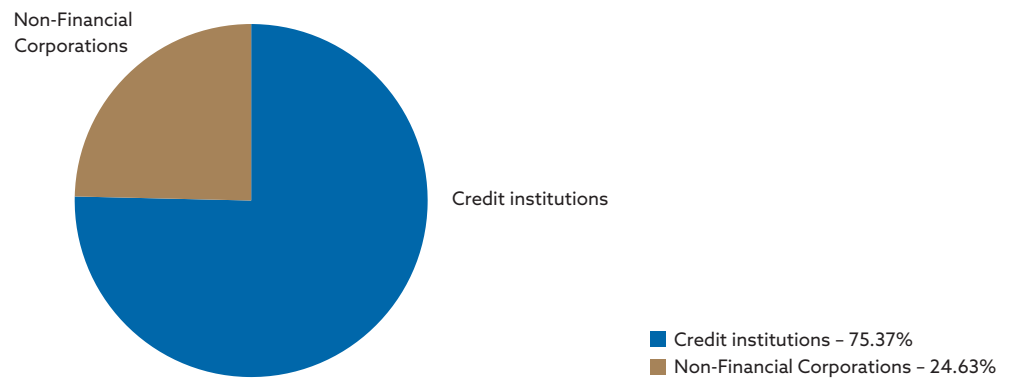
Quoted shares (market capitalization, EUR millions, Q1 2020)



Source: NBS.

The sectoral breakdown of market capitalisation shows that, at 31 March 2020, credit institutions accounted for approximately 75% and NFCs for 25% of the total market capitalisation. The share of other sectors was negligible.

**Chart 109**  
**Quoted shares by sector**



**Source:** NBS.

**Note:** Market capitalization as at 31 March 2020.

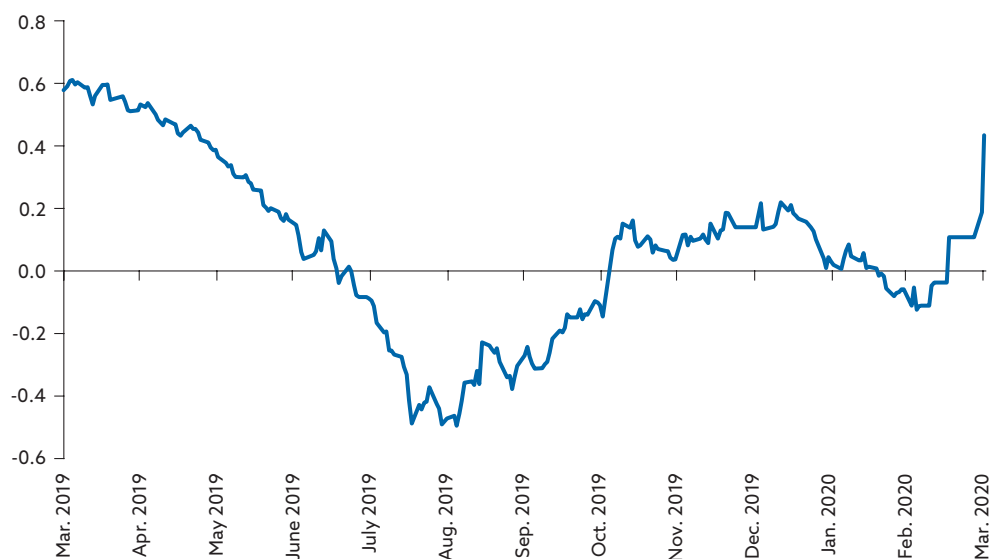
# 6 Selected macroeconomic indicators

## 6.1 Long-term interest rate

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 has been replaced by government bond SK4120008871 (with effect from 1 May 2014), by government bond SK4120007543 (with effect from 1 June 2015), by government bond SK4120010430 (with effect from 1 June 2016) and by government bond SK4120009762 (with effect from 1 June 2018) and actually bond SK4120015173 since 1 November 2019. This approach was also applied during the first quarter of 2020. During that period, the interest rate increased by 0.29 percentage point, from 0.14% at 31 December 2019 to 0.43% at 31 March 2020.

**Chart 110**

**Benchmark – yield to maturity (p.a.)**



Source: BCPB.

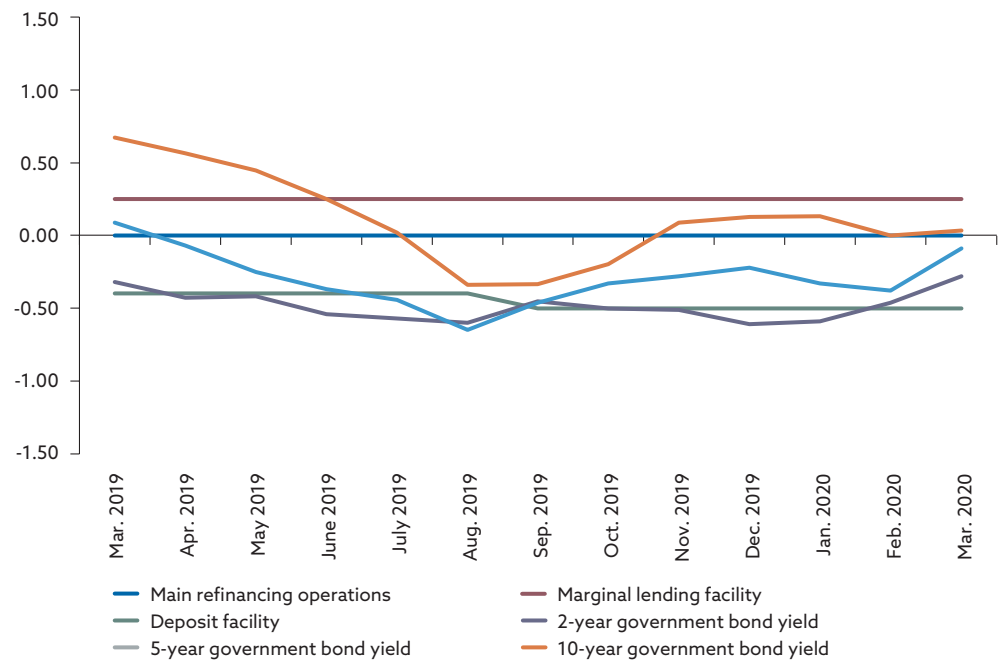
## 6.2 Key ECB interest rates

The European Central Bank's interest rate on main refinancing operations, and its interest rates on the marginal lending facility remained unchanged

<sup>3</sup> See the Methodological Notes, section 7.6. *Long-term interest rate*.

at 31 March 2020 from their levels at the end of the previous quarter, at 0.00%<sup>4</sup>, 0.25% respectively. The deposit facility remained unchanged during last quarter and stood at -0.50%. The interest rate on two-year government bond had the value of -0.28% at the end of the first quarter 2020. The five-year government bond yield was -0.09% and the ten-year government bond yield slightly decreased from 0.13% to 0.04% as at the end of Q1 2020.

**Chart 111**  
Interest rates (p.a.)



Source: ECB, BCPB.

<sup>4</sup> The main refinancing rate has been at this level since 16 March 2016.

# 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 economic 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, do-

mestic 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 reporting (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* (having specific sector – S.123) and other categories of mutual funds, referred to as investment funds (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

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<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), OJ L 297, 7.11.2013, p. 73 (<https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32013R1073&qid=1592989883329&from=EN>).

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), OJ L 297, 7.11.2013, p. 1 (<https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32013R1071&from=EN>).

Guideline of the ECB of 4 April 2014 on monetary and financial statistics recast) (ECB/2014/15), OJ L 340, 26.11.2014, p. 1 (<https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32014O0015&from=EN>).

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 redemption 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 collective 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

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>6</sup>, as a subcategory referred to as *financial corporations en-*

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<sup>6</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.

gaged in lending 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 vehicle corporations** – 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+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>7</sup>. The range of data reported complies in full with the current requirements<sup>8</sup> of the European Central Bank regarding the statistics of other financial intermediaries.

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<sup>7</sup> Decree of Národná banka Slovenska No. 19/2014 on reporting by factoring, leasing and consumer credit companies for statistical purposes.

<sup>8</sup> Guideline of the ECB of 4 April 2014 on monetary and financial statistics recast) (ECB/2014/15), OJ L 340, 26.11.2014, p. 1 (ANNEX III, PART 11) (<https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32014O0015&from=EN>).

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 2017, quarterly balance-sheet data are collected from eighteen (out of 73) companies providing financial leasing services as the main or substantial part of their business activity, from 16 (out of 157) consumer credit companies, and from seven (out of 17) 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>9</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.

#### b) Redemptions

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<sup>9</sup> Guideline of the ECB of 4 April 2014 on monetary and financial statistics recast) (ECB/2014/15), OJ L 340, 26.11.2014, p. 1 (ANNEX III, PART 12) (<https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32014O0015&from=EN>).

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;

### Scheme 1

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

- 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 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 inter-

est 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 – 06/201

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 06/2015 – 05/2018,
- SK4120009762 Benchmark for the period 06/2018 – 10/2019,
- SK4120015173 Benchmark for the period 11/2019 – to date.

# Abbreviations

|       |  |
|-------|--|
| APRC  | Annual percentage rate of charge   |
| ECB   | European Central Bank  |
| ESA95 | 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.

**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.

**Renegotiated loans** are a part of new loans and are covering all changes to former contract with the active participation of the client, resulting in the change in contract conditions with effect on the interest rate. These loans do not bring new contracts to the market.

**Pure new loans** are loans which are a part of new loans and are calculated as the difference between the total amount of new loans and renegotiated loans, the so called new money in economy.

# 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 Other monetary financial institutions

S.123 Money market funds

S.124 Investment funds

S.125 Other financial intermediaries

S.126 Financial auxiliaries

S.127 Captive financial corporations 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:

[https://www.ecb.europa.eu/stats/money\\_credit\\_banking/mfi\\_balance\\_sheets/html/index.en.html](https://www.ecb.europa.eu/stats/money_credit_banking/mfi_balance_sheets/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>

MFIs Interest rates statistics for the euro area:

[https://www.ecb.europa.eu/stats/financial\\_markets\\_and\\_interest\\_rates/bank\\_interest\\_rates/mfi\\_interest\\_rates/html/index.en.html](https://www.ecb.europa.eu/stats/financial_markets_and_interest_rates/bank_interest_rates/mfi_interest_rates/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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