

# **OCTOBER**

# Secondary Market of Government Securities

1999

© Bulgarian National Bank, 1999 ISSN 1311-0055

This issue includes materials and data received up to 16 November 1999.

The contents of the *Secondary Market of Government Securities* Bulletin may be quoted or reproduced without further permission. Due acknowledgment is requested.

# Contents

**Outstanding Government Securities** 

- Discount Treasury Bills 16
  - Treasury Bonds 21

Government Securities Issued for Structural Reform Guaranty Government Securities 29

- Government Securities Issued to Settle
- Nonperforming Credits of State-owned Companies to Banks 31
  - EUR-denominated Government Securities 32

Investments of Nonbank Financial Institutions, Companies and Individuals in Government Securities 33

> Sales of Government Securities for Participation in Privatization Transactions 41

Government Securities Primary Dealers and Reuters Pages for Government Securities Quotations 43

# Abbreviations

BGN - The Abbreviation of the Redenominated Bulgarian Lev BIR - Base Interest Rate BNB – Bulgarian National Bank CGB - Central Government Budget CM – Council of Ministers CMD - Council of Ministers Decree DISCs – Discount Bonds FLIRBs - Front-loaded Interest Reduction Bonds GS – Government Securities IABs – Interest Arrears Bonds LSPDACB - Law on State Protection of Deposits and Accounts with Commercial Banks in respect whereof the BNB Has Petitioned the Institution of Bankruptcy Proceedings MF – Ministry of Finance OTC Market - Over-the-counter Market SBL - State Budget Law SII - State Insurance Institute ZUNK - Bulgarian Abbreviation of the Law on Settlement of Nonperforming Credits Negotiated prior to 31 December 1990 (LSNC)

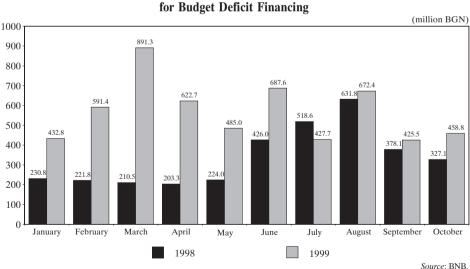
# **Interbank Market of Government** Securities Issued under Regulation No. 5

In October 1999 financial institutions concluded 405 transactions in government securities (including the number and volume of reverse repurchase agreements) issued for budget deficit financing, totaling BGN 458,761.4 thousand nominal value. an increase of BGN 131,655.8 thousand, or 40.3%, compared with the same period of the previous year (Chart 1).

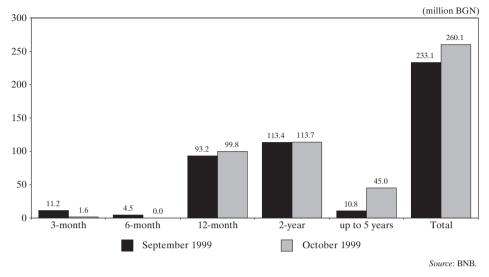
During the review period the volume of secondary market transactions in government securities between primary dealers issued under Regulation No. 5 (reverse repo agreements volume excluded) totaled BGN 260,115.1 thousand, including three-month treasury bills of BGN 1.657.7 thousand, twelvemonth of BGN 99.783.2 thousand, twovear of BGN 113,704.2 thousand and up to five years of BGN 44,970 thousand (Chart 2). In October sales in government securities intensified compared with the previous month, their volume increasing by 11.6%. Structurally, demand for two-year treasury bonds occupied the largest share. Sales volumes of up to five years government securities increased four times from the previous month.

In October 1999 secondary market transactions on behalf of clients (i. e. under Article 20 of Regulation No. 5) decreased on the previous month, accounting for BGN 1,185 thousand. Transac-

Chart 1



Volume of Transactions in Government Securities Issued



# Structure of Transactions in Government Securities Issued for Budget Deficit Financing

tions between nonprimary dealers and physical or legal persons (i. e. transactions under Article 21 of Regulation No. 5) significantly decreased compared with September, accounting for BGN 2.6 thousand. The volume of transactions between primary and nonprimary dealers (under Article 14 of Regulation No. 5) also dropped from September, reaching BGN 59,647.7 thousand, including bids approved at the government securities auctions on behalf of nonprimary dealers of BGN 1,000 thousand.

# Interbank Market of Government Securities Issued as a Result of Structural Reform

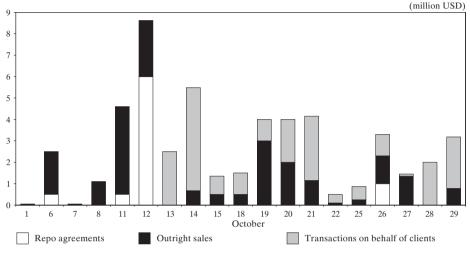
In October financial institutions concluded 74 transactions in USD-denominated government securities issued as a result of structural reform, totaling USD 51.2 million nominal value (including the number and volume of reverse repurchase agreements). In October, 44 outright transactions of USD 21.6 million, six repo agreements of USD 8.9 million, and 24 transactions on behalf of clients of USD 20.7 million (under Articles 14, 20 and 21) were concluded.

In October neither government securities transactions in levs issued as a result of structural reform, nor transactions in forex guaranty government securities were concluded. Five EUR-denominated transactions, totaling EUR 4.1 million, were registered.

Twenty-seven transactions of USD 8.8 million and nine transactions of EUR 9.7 million were concluded pursuant to Article 14, para. 6 of Regulation No. 5.

Sales in forex ZUNK bonds intensified in October. From 12 October 1999

# Volume of Transactions in USD-denominated Government Securities in the Interbank Market



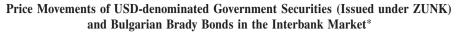
Source: BNB.

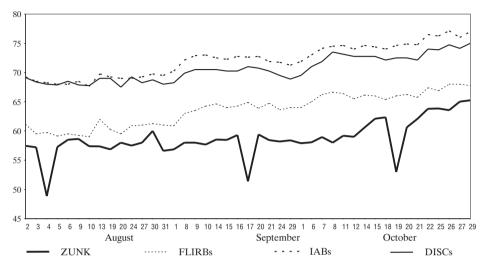
daily volumes and prices of long-term government bonds on domestic debt started increasing. Transactions on behalf of clients also increased. This could be a result of both the market reaction to reverse repurchase of forex ZUNK bonds of USD 150 million by the Ministry of Finance announced in mid-October and the increase in Brady bond prices which indirectly impacted ZUNK bond market value. ZUNK bonds prices ranged between USD 58 in the beginning of October and USD 65 per USD 100 nominal value at the end of month. Thus forex bonds market values increased by around 12% in October.

# Government Securities Repo Agreements in the Interbank Market

In October the volume of repo agreements traded in the secondary interbank market was uneven (Chart 5). The greatest volume of transactions was registered in the middle of the review period when a significant increase in the volume of interbank deposits occurred.

In October the yield of repo agreements reflected the insignificant changes in the base interest rate; a decrease in the average term of repo agreements (in terms of days) was reported. The vield of repo agreements in government securities was higher than the yield of interbank deposits of up to one-day and three-day maturities. The yield of transactions of up to seven-day and onemonth maturities was lower than that of interbank deposits of the same maturities (Chart 6). October was characterized by enhanced activity in the interbank secondary market compared with the previous month; commercial banks preferred long-term government bonds.



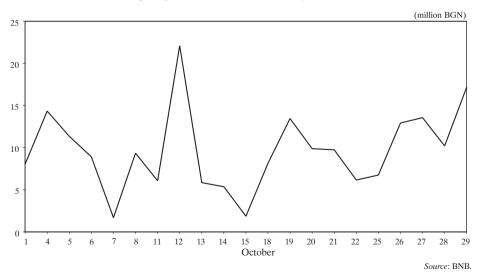


\* Reuters offer quotations for Brady bonds.

Sources: BNB, Reuters.

#### Chart 5

# Volume of Repo Agreements in the Secondary Interbank Market



# Prices of Transactions in USD-denominated Government Securities Issued under Article 5 of ZUNK

(USD)

(USD)

|         | 1       | Price   | (                |
|---------|---------|---------|------------------|
| Date    |         | Price   | -                |
| October | Minimum | Maximum | Average weighted |
| 1       | 57.90   | 59.77   | 58.01            |
| 6       | 57.84   | 58.38   | 58.06            |
| 7       | 58.96   | 60.00   | 58.98            |
| 8       | 58.00   | 58.00   | 58.00            |
| 11      | 59.00   | 59.92   | 59.18            |
| 12      | 59.00   | 59.00   | 59.00            |
| 14      | 59.00   | 61.49   | 60.57            |
| 15      | 62.10   | 62.10   | 62.10            |
| 18      | 62.33   | 62.33   | 62.33            |
| 19      | 48.50   | 62.28   | 53.00            |
| 20      | 59.00   | 63.05   | 61.56            |
| 21      | 61.42   | 62.78   | 62.07            |
| 22      | 63.10   | 63.83   | 63.80            |
| 25      | 63.85   | 63.85   | 63.85            |
| 26      | 63.00   | 64.41   | 63.55            |
| 27      | 63.00   | 65.62   | 65.02            |
| 29      | 65.00   | 65.40   | 65.25            |
| Monthly | 48.50   | 65.62   | 60.84            |

Note: Data is based on privatization and outright transactions registered by the BNB.

# Quotations of Bulgarian Brady Bonds\*

|         |       |       |       |       |       | (05D) |
|---------|-------|-------|-------|-------|-------|-------|
| Date    | DIS   | SCs   | FL    | IRBs  | IAI   | Bs    |
| October | Offer | Bid   | Offer | Bid   | Offer | Bid   |
| 1       | 69.50 | 68.75 | 64.00 | 62.75 | 71.88 | 70.88 |
| 4       | 69.88 | 69.13 | 63.50 | 62.75 | 72.00 | 71.00 |
| 5       | 70.75 | 70.00 | 64.13 | 63.63 | 72.50 | 71.25 |
| 6       | 71.00 | 69.50 | 65.00 | 63.75 | 73.00 | 72.25 |
| 7       | 71.88 | 71.38 | 66.25 | 65.75 | 74.13 | 73.38 |
| 8       | 73.50 | 72.50 | 66.63 | 65.50 | 74.50 | 73.50 |
| 11      | 73.13 | 72.63 | 66.38 | 65.88 | 74.63 | 73.38 |
| 12      | 72.75 | 72.25 | 65.50 | 65.00 | 74.00 | 73.00 |
| 13      | 72.50 | 72.00 | 66.13 | 65.38 | 74.50 | 73.50 |
| 14      | 72.75 | 72.25 | 66.13 | 65.50 | 74.63 | 73.38 |
| 15      | 72.75 | 72.00 | 66.00 | 65.13 | 74.38 | 73.38 |
| 18      | 72.13 | 71.63 | 65.38 | 64.88 | 74.00 | 73.00 |
| 19      | 72.50 | 72.25 | 66.00 | 65.50 | 74.63 | 74.13 |
| 20      | 72.50 | 72.00 | 66.25 | 65.75 | 74.88 | 73.88 |
| 21      | 72.13 | 71.63 | 65.75 | 65.25 | 74.75 | 73.88 |
| 22      | 74.00 | 73.25 | 67.38 | 65.00 | 76.50 | 75.50 |
| 25      | 73.88 | 73.38 | 66.88 | 66.25 | 76.25 | 75.38 |
| 26      | 74.75 | 74.00 | 68.00 | 67.00 | 77.13 | 76.13 |
| 27      | 74.13 | 73.50 | 68.00 | 67.13 | 76.00 | 75.00 |
| 28      | 74.50 | 73.75 | 68.00 | 67.00 | 76.50 | 75.50 |
| 29      | 75.00 | 74.13 | 67.75 | 67.25 | 77.00 | 76.00 |
|         |       |       |       |       |       |       |

\* Reuters quotations.

### Volume and Structure of Government Securities Secondary Market Transactions in October

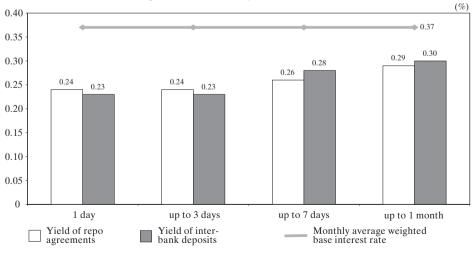
| 1. Volume of transactions in government securities               |        |
|--|--------|
| denominated in levs (million BGN nominal value)                  | 260.12 |
| - repo agreements*   | 198.50 |
| - outright sales   | 61.62  |
| - privatization transactions                                     | -      |
| 2. Volume of transactions in government securities               |        |
| denominated in US dollars and euro (lev equivalent, million BGN) | 53.00  |
| - repo agreements*   | 9.95   |
| - outright sales   | 39.43  |
| - privatization transactions                                     | 3.62   |
| 3. Number of secondary market transactions                       | 305    |
| - repo agreements**  | 157    |
| - outright sales   | 144    |
| - privatization transactions                                     | 4      |
| 4. Average term of secondary market repo agreements (days)       | 5.67   |
| 5. Average monthly yield (simple interest) on secondary market   |        |
| repo agreements depending on the term (%)                        |        |
| 1 day  | 0.24   |
| from 2 to 3 days   | 0.24   |
| from 4 to 7 days   | 0.26   |
| up to 1 month  | 0.29   |

\* Volume of reverse repo agreements excluded.

\*\* Number of reverse repo agreements excluded.

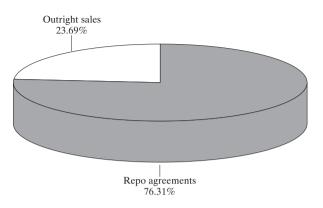
Chart 6

### Yield of Repo Agreements in Government Securities and Interest Rate on Interbank Deposits on a Monthly Basis (October)



Source: BNB.

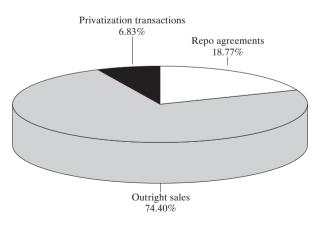
# Structure of Secondary Market Transactions in Lev-denominated Government Securities in October



Source: BNB.

Chart 8

# Structure of Secondary Market Transactions in Government Securities Denominated in US Dollars and Euro in October



Source: BNB.

# Volume and Yield of Deposits in the Interbank Market and Repo Agreements in Government Securities

|  | 1 d           | ay           | from 2 to     | 3 days       | from 4 to    | o 7 days     | from 8 to    | o 30 days    | over 3     | 0 days       | Total          |
|--|---------------|--------------|---------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|----------------|
|  | Volume        | Yield        | Volume        | Yield        | Volume       | Yield        | Volume       | Yield        | Volume     | Yield        | Volume         |
| 01.10.1999<br>Deposits<br>Repo agreements        |               |              | 10263<br>7041 | 1.94<br>2.04 | 1000         | 2.53         |              | <u>.</u>     |            |              | 10263<br>8041  |
| 04.10.1999<br>Deposits<br>Repo agreements        | 6714<br>6900  | 2.17<br>2.41 | 250           | 2.10         | 480<br>7437  | 3.20<br>2.66 | 2270         | 3.93         | 6000       | 4.20         | 15714<br>14337 |
| 05.10.1999<br>Deposits<br>Repo agreements        | 7163<br>5334  | 2.05<br>2.23 | 3000<br>3500  | 2.10<br>2.33 | 1000<br>2506 | 2.50<br>2.70 | 1739         | 3.27         | 1900       | 3.93         | 14802<br>11340 |
| 06.10.1999<br>Deposits<br>Repo agreements        | 9501<br>3810  | 1.96<br>2.33 | 1000          | 2.10         | 2164<br>4098 | 2.73<br>2.77 | 4660<br>1000 | 3.57<br>3.24 | 2000       | 5.17         | 19325<br>8908  |
| 07.10.1999<br>Deposits<br>Repo agreements        | 15171         | 2.32         |               |              | 10300        | 2.82         | 1100<br>1679 | 3.43<br>3.45 | 1000       | 5.00         | 27571<br>1679  |
| 08.10.1999<br>Deposits<br>Repo agreements        |               |              | 12750<br>4000 | 2.37<br>2.53 | 1800<br>4839 | 2.72<br>2.63 | 2540         | 3.54         | 500<br>500 | 4.00<br>4.36 | 17590<br>9339  |
| 11.10.1999<br>Deposits<br>Repo agreements        | 16350         | 2.47         | 2000<br>2040  | 2.50<br>2.64 | 1000<br>2000 | 3.15<br>2.94 | 1282<br>950  | 3.45<br>3.32 | 1075       | 4.31         | 20632<br>6065  |
| 12.10.1999<br>Deposits<br>Repo agreements        | 21148<br>1000 | 2.60<br>3.04 | 500<br>11190  | 3.20<br>2.66 | 1000<br>9900 | 3.50<br>2.91 | 599          | 3.45         |            |              | 23247<br>22090 |
| 13.10.1999<br>Deposits<br>Repo agreements        | 19177<br>1000 | 2.72<br>3.04 | 3000<br>2552  | 3.00<br>2.80 | 3022<br>1292 | 3.43<br>3.11 | 2540<br>1000 | 3.50<br>3.45 |            |              | 27739<br>5844  |
| 14.10.1999<br>Deposits<br>Repo agreements        | 12661<br>1863 | 2.79<br>3.14 |               |              | 6380<br>3500 | 3.47<br>2.74 | 2440         | 3.54         | 4700       | 4.23         | 26181<br>5363  |
| 15.10.1999<br>Deposits<br>Repo agreements        |               |              | 22150<br>1863 | 2.86<br>3.14 | 4900         | 3.23         | 1758         | 3.85         |            |              | 28808<br>1863  |
| 18.10.1999<br>Deposits<br>Repo agreements        | 17999<br>6938 | 2.93<br>3.10 | 2000<br>1000  | 3.40<br>3.55 | 2000<br>205  | 3.70<br>3.85 | 770          | 3.80         |            |              | 22769<br>8143  |
| <b>19.10.1999</b><br>Deposits<br>Repo agreements | 7958<br>7457  | 3.27<br>3.14 | 500<br>4000   | 3.60<br>3.50 | 1196<br>2000 | 3.74<br>3.95 |              |              | 1000       | 4.39         | 10654<br>13457 |
| 20.10.1999<br>Deposits<br>Repo agreements        | 14900<br>6547 | 3.39<br>3.24 | 3400<br>3000  | 3.59<br>3.65 | 2100<br>327  | 4.05<br>4.09 | 400          | 3.60         |            |              | 20800<br>9874  |
| 21.10.1999<br>Deposits<br>Repo agreements        | 17900<br>1500 | 3.35<br>3.55 |               |              | 1600<br>8240 | 3.71<br>3.36 | 1600         | 4.10         | 600        | 4.00         | 21700<br>9740  |

(continued)

| 1 d    | ay   | from 2 to  | o 3 days  | from 4 t  | o 7 days   | from 8 to  | o 30 days   | over 3  | 0 days   | Total  |
|--------|--|--|---|---|--|--|---|---|--|--|
| Volume | Yield  | Volume   | Yield   | Volume  | Yield  | Volume   | Yield   | Volume  | Yield  | Volume   |
|        |  |  |   |   |  |  |   |   |  |  |
|        |  |  |   |   |  | 306  | 4.30  | 1000  | 4.30   | 12806  |
|        |  | 4155   | 3.72  | 2000  | 3.62   |  |   |   |  | 6155   |
|        |  |  |   |   |  |  |   |   |  |  |
| 5300   | 2.69   | 1000   | 3.30  | 1900  | 3.82   | 1190   | 3.50  | 1600  | 4.38   | 10990  |
| 4547   | 3.05   |  |   | 1500  | 3.11   | 700  | 3.45  |   |  | 6747   |
|        |  |  |   |   |  |  |   |   |  |  |
| 17700  | 2.81   | 2300   | 3 13  | 299   | 3 47   | 1062   | 3.80  | 1400  | 5 19   | 22761  |
| 4191   | 2.84   | 3900   | 2.84  | 4831  | 3.66   | 1002   | 0.00  | 1100  | 0.15   | 12922  |
|        |  |  |   |   |  |  |   |   |  |  |
| 21432  | 2.79   | 4000   | 3.00  | 24180   | 3.62   | 806  | 3.48  | 1000  | 5.58   | 51418  |
| 2515   | 3.02   | 6257   | 2.94  | 1188  | 3.77   | 3600   | 3.63  |   |  | 13560  |
|        |  |  |   |   |  |  |   |   |  |  |
| 20800  | 2.53   | 1000   | 3.00  | 4396  | 3.28   | 90   | 4.00  |   |  | 26286  |
| 1925   | 2.88   |  |   | 7236  | 3.28   |  |   | 1040  | 4.46   | 10201  |
|        |  |  |   |   |  |  |   |   |  |  |
|        |  | 10835  | 3.05  | 2000  | 3.27   | 364  | 3.60  | 2000  | 5.64   | 15199  |
|        |  | 11884  | 3.09  | 5241  | 3.24   | 48   | 3.16  |   |  | 17173  |
| 1      | <sup>5300</sup><br>4547<br>17700<br>4191<br>21432<br>2515<br>20800 | 5300         2.69           4547         3.05           17700         2.81           4191         2.84           21432         2.79           2515         3.02           20800         2.53 | Volume         Yield         Volume           8000         4155           5300         2.69         1000           4547         3.05         1000           17700         2.81         2300           4191         2.84         3900           21432         2.79         4000           2515         3.02         6257           20800         2.53         1000           1925         2.88         10835 | Yield         Volume         Yield           8000         3.15           4155         3.72           5300         2.69           4155         3.72           5300         2.69           4155         3.72           5300         2.69           417700         2.81           2300         3.13           4191         2.84           21432         2.79           4000         3.00           2515         3.02           6257         2.94           20800         2.53           1000         3.00           1925         2.88           10835         3.05 | Volume         Yield         Volume         Yield         Volume           8000         3.15         3500         2000           5300         2.69         1000         3.30         1900           4547         3.05         1000         3.30         1900           17700         2.81         2300         3.13         299           4191         2.84         3900         2.84         4831           21432         2.79         4000         3.00         24180           2515         3.02         6257         2.94         1188           20800         2.53         1000         3.00         4396           1925         2.88         10835         3.05         2000 | Volume         Yield         Volume         Yield         Volume         Yield           8000         3.15         3500         3.62           4155         3.72         2000         3.62           5300         2.69         1000         3.30         1900         3.82           4547         3.05         1000         3.30         1900         3.82           17700         2.81         2300         3.13         299         3.47           4191         2.84         3900         2.84         4831         3.66           21432         2.79         4000         3.00         24180         3.62           2515         3.02         6257         2.94         1188         3.77           20800         2.53         1000         3.00         4396         3.28           1925         2.88         10835         3.05         2000         3.27 | Volume         Yield         Yield | Volume         Yield         Vo | Volume         Yield         Yield | $\begin{array}{c c c c c c c c c c c c c c c c c c c $ |

Notes: 1. Volumes of transactions and deposits in thousand BGN.

Volumes of repo agreements include agreements concluded during the current day.
 Yield is calculated on an annual basis.

4. Lev equivalent of the transactions in USD-denominated government securities based on the USD exchange rate on the day of transaction.

| Date    | Repo           | Outright       |                | Regulatio      | on No. 5      |              | Privatization | Transactions in | Transactions in | securities in the Bulga | rian Stock Exchange |
|---------|----------------|----------------|----------------|----------------|---------------|--------------|---------------|-----------------|-----------------|-------------------------|---------------------|
| October | agreements     | sales          | Art. 14        | Art. 15        | Art. 20       | Art. 21      | transactions  | GS, total       | Stock exchange  | OTC market              | Total               |
| 1       | 25 724 100.00  | 2 445 361.76   | 2 013 486.40   | 803 832.38     | 1 165 015.00  | -            | 5 685.03      | 32 157 480.57   | 17 000.00       | 105 000.00              | 122 000.00          |
| 4       | 24 852 900.00  | 1 850 000.00   | 3 173 773.20   | 138 437.70     | -             | -            | -             | 30 015 110.90   | 2 000.00        | 49 000.00               | 51 000.00           |
| 5       | 18 240 000.00  | 1 700 000.00   | 3 646 172.46   | 135 832.91     | 94 881.28     | -            | -             | 23 816 886.65   | 9 000.00        | 75 000.00               | 84 000.00           |
| 6       | 15 292 135.00  | 4 863 467.00   | 2 000 000.00   | 3 751 269.11   | -             | -            | -             | 25 906 871.11   | 45 000.00       | 1 565 000.00            | 1 610 000.00        |
| 7       | 10 688 630.00  | 2 491 079.00   | 4 280 416.20   | 1 004 245.14   | -             | -            | 1 639.42      | 18 466 009.76   | 2 000.00        | 78 000.00               | 80 000.00           |
| 8       | 14 712 703.00  | 5 267 370.00   | 2 839 276.20   | 2 269 508.00   | 20 000.00     | -            | -             | 25 108 857.20   | 3 000.00        | 398 000.00              | 401 000.00          |
| 11      | 18 894 925.00  | 9 262 527.85   | 6 517 829.00   | 3 965 712.18   | -             | -            | -             | 38 640 994.03   | 500.00          | 166 000.00              | 166 500.00          |
| 12      | 40 859 440.00  | 8 035 497.80   | 9 227 737.00   | 2 597 876.96   | -             | -            | -             | 60 720 551.76   | 400.00          | 56 000.00               | 56 400.00           |
| 13      | 12 371 565.00  | 4 453 814.00   | 3 400 000.00   | 13 564 261.00  | 4 583 400.00  | 95 334.72    | -             | 38 468 374.72   | 2 000.00        | 30 000.00               | 32 000.00           |
| 14      | 11 752 500.00  | 3 724 888.75   | 10 218 867.00  | 1 291 722.28   | 5 099 166.50  | 99 261.36    | -             | 32 186 405.89   | 423 000.00      | 223 000.00              | 646 000.00          |
| 15      | 13 215 703.00  | 8 091 168.00   | 8 845 317.00   | 10 949 331.29  | -             | -            | -             | 41 101 519.29   | 8 000.00        | 35 000.00               | 43 000.00           |
| 18      | 15 705 500.00  | 4 699 730.00   | 7 453 788.74   | 3 573 986.48   | -             | 2 392 808.37 | -             | 33 825 813.59   | 4 000.00        | 185 000.00              | 189 000.00          |
| 19      | 30 295 200.00  | 9 885 532.44   | 2 002 602.00   | 4 063 632.00   | 1 799 620.00  | -            | -             | 48 046 586.44   | 3 000.00        | 154 000.00              | 157 000.00          |
| 20      | 20 623 145.00  | 5 633 959.40   | 2 903 970.00   | 13 278 367.50  | 3 615 880.00  | -            | 3 579 721.20  | 49 635 043.10   | 6 000.00        | 236 000.00              | 242 000.00          |
| 21      | 21 565 260.00  | 4 187 043.00   | 8 562 966.80   | 15 692 047.30  | 5 444 460.00  | -            | -             | 55 451 777.10   | 7 000.00        | 80 000.00               | 87 000.00           |
| 22      | 11 655 000.00  | 8 437 443.30   | 7 681 294.80   | 4 928 803.97   | -             | -            | -             | 32 702 542.07   | 6 000.00        | 344 000.00              | 350 000.00          |
| 25      | 20 796 630.00  | 2 454 505.00   | 1 369 398.52   | 3 625 740.70   | 909 010.00    | -            | -             | 29 155 284.22   | 4 000.00        | 54 000.00               | 58 000.00           |
| 26      | 19 468 790.00  | 5 816 360.90   | 5 623 869.96   | 1 918 886.00   | 1 830 790.00  | -            | 17 209.43     | 34 675 906.29   | 5 000.00        | 27 000.00               | 32 000.00           |
| 27      | 19 078 540.00  | 5 768 189.00   | 1 867 880.00   | 7 178 476.30   | -             | -            | -             | 33 893 085.30   | 10 000.00       | 24 000.00               | 34 000.00           |
| 28      | 16 615 970.80  | 2 012 770.00   | 11 879 613.91  | 4 755 992.66   | -             | -            | -             | 35 264 347.37   | 4 000.00        | 223 000.00              | 227 000.00          |
| 29      | 27 355 463.00  | 2 926 125.40   | 2 520 000.00   | 2 945 568.46   | 4 456 032.00  | 51 987.04    | -             | 40 255 175.90   | 50 000.00       | 97 000.00               | 147 000.00          |
| TOTAL   | 409 764 099.80 | 104 006 832.60 | 108 028 259.20 | 102 433 530.32 | 29 018 254.78 | 2 639 391.49 | 3 604 255.08  | 759 494 623.26  | 610 900.00      | 4 204 000.00            | 4 814 900.00        |

Volume of Government Securities Transactions in the Secondary Market and Securities Transactions in the Bulgarian Stock Exchange
(BGN)

Notes: 1. The amount of the bids approved for participation in government securities auctions on behalf of nonprimary dealers of BGN 1,000,000 is included.

2. The amount of approved competitive and noncompetitive bids on behalf of companies and individuals of BGN 6,339,939 is included.

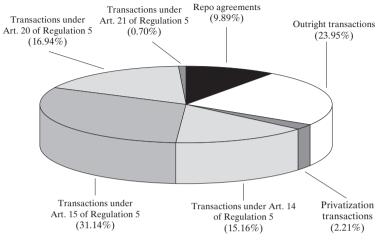
3. The volume of repo agreements includes reverse repo agreements and repo agreements concluded during the current day.

4. Transfer transactions of government securities to the MF account used as legal tender in privatization are considered to be privatization transactions.

5. Transactions in USD-denominated government securities are in levs at the US dollar exchange rate quoted by the BNB on the day of transaction.

6. Banking Department data on the volume of transactions in the Bulgarian Stock Exchange.

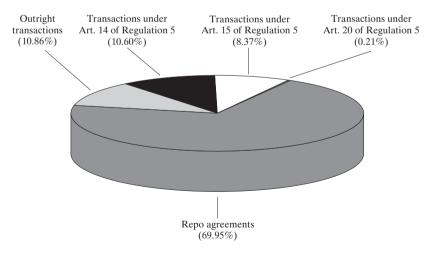
# Volume of Secondary Market Transactions in Government Securities Issued for Structural Reform in October



Source: BNB.

Chart 10

### Volume of Secondary Market Transactions in Government Securities Issued for Budget Deficit Financing in October



Source: BNB.

# Outstanding Government Securities

# **Discount Treasury Bills**

| Issue No.   | BG3019298002 | BG3019698003 | BG3020098003 | BG3020498005 | BG3010199001 | BG3010499005 | BG3010799008 | BG3011099002 |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Issue date  | 11.11.1998   | 25.11.1998   | 09.12.1998   | 23.12.1998   | 06.01.1999   | 20.01.1999   | 03.02.1999   | 17.02.1999   |
| Maturity date   | 10.11.1999   | 24.11.1999   | 08.12.1999   | 22.12.1999   | 05.01.2000   | 19.01.2000   | 02.02.2000   | 16.02.2000   |
| Nominal value of the offer (thousand BGN)                     | 10 000.00    | 10 000.00    | 10 000.00    | 10 000.00    | 25 000.00    | 25 000.00    | 20 000.00    | 15 000.00    |
| Total nominal value of the<br>bids received (thousand<br>BGN) | 23 395.50    | 28 175.00    | 33 914.00    | 19 850.00    | 32 577.60    | 36 670.00    | 37 350.00    | 34 036.70    |
| Total nominal value of the<br>bids approved (thousand<br>BGN) | 10 000.00    | 10 000.00    | 10 000.00    | 10 000.00    | 25 000.00    | 25 000.00    | 20 000.00    | 15 000.00    |
| Average price of the bids approved per BGN 100 (%)            | ) 93.45      | 93.62        | 93.93        | 94.04        | 93.75        | 93.68        | 93.76        | 93.91        |
| Average discount per BGN 100 (%)                              | 6.55         | 6.38         | 6.07         | 5.96         | 6.25         | 6.32         | 6.24         | 6.09         |
| Average annual yield (%)                                      | 7.03         | 6.83         | 6.48         | 6.36         | 6.68         | 6.76         | 6.66         | 6.50         |
| Effective annual yield (%)                                    | 7.03         | 6.83         | 6.48         | 6.36         | 6.69         | 6.77         | 6.67         | 6.50         |
| Coverage coefficient  | 2.34         | 2.82         | 3.39         | 1.99         | 1.30         | 1.47         | 1.87         | 2.27         |
|   |              |              |              |              |              |              |              |              |

(continued)

| (continued)   |              |   |              |              |              |              |              |              |
|---|--------------|---|--------------|--------------|--------------|--------------|--------------|--------------|
| Issue No.   | BG3011399006 | BG3011399006 BG3011699009 BG3012199009 BG3012499003 BG3012799006 BG3013099000 BG3013399004 BG3013699007 | BG3012199009 | BG3012499003 | BG3012799006 | BG3013099000 | BG3013399004 | BG3013699007 |
| Issue date  | 04.03.1999   | 17.03.1999  | 07.04.1999   | 21.04.1999   | 05.05.1999   | 19.05.1999   | 02.06.1999   | 16.06.1999   |
| Maturity date   | 02.03.2000   | 15.03.2000  | 05.04.2000   | 19.04.2000   | 03.05.2000   | 17.05.2000   | 31.05.2000   | 14.06.2000   |
| Nominal value of the offer<br>(thousand BGN)                  | 15 000.00    | 15 000.00   | 15 000.00    | 15 000.00    | 10 000.00    | 10 000.00    | $10\ 000.00$ | 10 000.00    |
| Total nominal value of the<br>bids received (thousand<br>BGN) | 43 240.00    | 31 790.00   | 42 960.00    | 42 660.50    | 28 000.00    | 17 250.00    | 11 125.00    | 14 120.00    |
| Total nominal value of the<br>bids approved (thousand<br>BGN) | 15 000.00    | 15 000.00   | 15 000.00    | 15 000.00    | 10 000.00    | 10 000.00    | 10 000.00    | 10 000.00    |
| Average price of the bids approved per BGN 100 (%)            | ) 94.03      | 94.09   | 94.32        | 94.54        | 94.82        | 94.94        | 94.85        | 94.69        |
| Average discount per BGN 100 (%)                              | 5.97         | 5.91  | 5.68         | 5.46         | 5.18         | 5.06         | 5.15         | 5.31         |
| Average annual yield ( $\%$ )                                 | 6.37         | 6.30  | 6.04         | 5.79         | 5.48         | 5.34         | 5.44         | 5.62         |
| Effective annual yield (%)                                    | 6.37         | 6.30  | 6.04         | 5.79         | 5.48         | 5.34         | 5.44         | 5.62         |
| Coverage coefficient  | 2.88         | 2.12  | 2.86         | 2.84         | 2.80         | 1.73         | 1.11         | 1.41         |
|   |              |   |              |              |              |              |              | (continued)  |

Secondary Market of Government Securities

| (continued)   |              |              |              |   |              |              |              |              |
|---|--------------|--------------|--------------|---|--------------|--------------|--------------|--------------|
| Issue No.   | BG3014099009 | BG3014299005 | BG3014599008 | BG3014099009 BG3014299005 BG3014599008 BG3014799004 BG3014899002 BG3014999000 BG3015099008 BG3015199006 | BG3014899002 | BG3014999000 | BG3015099008 | BG3015199006 |
| Issue date  | 30.06.1999   | 07.07.1999   | 21.07.1999   | 04.08.1999  | 04.08.1999   | 11.08.1999   | 18.08.1999   | 18.08.1999   |
| Maturity date   | 29.12.1999   | 05.07.2000   | 19.07.2000   | 03.11.1999  | 02.08.2000   | 10.11.1999   | 17.11.1999   | 16.08.2000   |
| Nominal value of the offer<br>(thousand BGN)                  | 10 000.00    | 7 500.00     | 7 500.00     | 5 000.00  | 9 000.00     | 5 000.00     | 5 000.00     | 9 000.00     |
| Total nominal value of the<br>bids received (thousand<br>BGN) | 8 070.00     | 14 376.00    | 11 800.00    | 6 431.00  | 12 333.69    | 8 625.00     | 8 200.00     | 9 012.00     |
| Total nominal value of the<br>bids approved (thousand<br>BGN) | 8 070.00     | 7 500.00     | 7 500.00     | 5 000.00  | 9 000.000    | 5 000.00     | 5 000.00     | 9 000.00     |
| Average price of the bids approved per BGN 100 (%)            | ) 97.28      | 94.31        | 94.33        | 98.82   | 94.18        | 98.83        | 98.83        | 93.89        |
| Average discount per BGN 100 (%)                              | 2.72         | 5.69         | 5.67         | 1.18  | 5.82         | 1.17         | 1.17         | 6.11         |
| Average annual yield (%)                                      | 5.61         | 6.05         | 6.03         | 4.79  | 6.20         | 4.75         | 4.75         | 6.53         |
| Effective annual yield (%)                                    | 5.69         | 6.05         | 6.03         | 4.88  | 6.20         | 4.83         | 4.83         | 6.53         |
| Coverage coefficient  | 0.81         | 1.92         | 1.57         | 1.29  | 1.37         | 1.73         | 1.64         | 1.00         |
|   |              |              |              |   |              |              |              | (continued)  |

| (continued)   |              |              |   |              |              |              |              |              |
|---|--------------|--------------|---|--------------|--------------|--------------|--------------|--------------|
| Issue No.   | BG3015299004 | BG3015399002 | BG3015299004 BG3015399002 BG3015499000 BG3015599007 BG3015699005 BG3015799003 BG3015899001 BG3015999009 | BG3015599007 | BG3015699005 | BG3015799003 | BG3015899001 | BG3015999009 |
| Issue date  | 25.08.1999   | 01.09.1999   | 01.09.1999  | 08.09.1999   | 15.09.1999   | 15.09.1999   | 24.09.1999   | 29.09.1999   |
| Maturity date   | 24.11.1999   | 01.12.1999   | 30.08.2000  | 08.12.1999   | 15.12.1999   | 13.09.2000   | 24.12.1999   | 29.12.1999   |
| Nominal value of the offer (thousand BGN)                     | 5 000.00     | 5 000.00     | 8 000.00  | 5 000.00     | 5 000.00     | 8 000.00     | 5 000.00     | 5 000.00     |
| Total nominal value of the<br>bids received (thousand<br>BGN) | 7 586.98     | 7 288.00     | 11 420.00   | 9 950.00     | 11 030.00    | 21 661.30    | 13 827.50    | 14 950.00    |
| Total nominal value of the<br>bids approved (thousand<br>BGN) | 5 000.00     | 5 000.00     | 8 000.00  | 5 000.00     | 5 000.00     | 8 000.00     | 5 000.00     | 5 000.00     |
| Average price of the bids approved per BGN 100 (%)            | 98.82        | 98.83        | 92.84   | 98.83        | 98.84        | 93.32        | 98.86        | 98.89        |
| Average discount per BGN 100 (%)                              | 1.18         | 1.17         | 7.16  | 1.17         | 1.16         | 6.68         | 1.14         | 1.11         |
| Average annual yield (%)                                      | 4.79         | 4.75         | 7.73  | 4.75         | 4.71         | 7.18         | 4.63         | 4.50         |
| Effective annual yield (%)                                    | 4.88         | 4.83         | 7.73  | 4.83         | 4.79         | 7.18         | 4.71         | 4.58         |
| Coverage coefficient  | 1.52         | 1.46         | 1.43  | 1.99         | 2.21         | 2.71         | 2.77         | 2.99         |
|   |              |              |   |              |              |              |              | (continued)  |

Secondary Market of Government Securities

| (continued)   |                  |              |              |              |  |              |              |  |
|---|------------------|--------------|--------------|--------------|--|--------------|--------------|--|
| Issue No.   | BG3016099007     | BG3016199005 | BG3016299003 | BG3016399001 | BG3016099007 BG3016199005 BG3016299003 BG3016399001 BG3016499009 BG3016599006 BG3016699004 | BG3016599006 | BG3016699004 |  |
| Issue date  | 29.09.1999       | 06.10.1999   | 06.10.1999   | 13.10.1999   | 20.10.1999   | 20.10.1999   | 27.10.1999   |  |
| Maturity date   | 29.03.2000       | 05.01.2000   | 04.10.2000   | 12.01.2000   | 19.01.2000   | 18.10.2000   | 26.01.2000   |  |
| Nominal value of the offer<br>(thousand BGN)                  | 5 000.00         | 5 000.00     | 10 000.00    | 5 000.00     | 5 000.00   | 8 000.00     | 5 000.00     |  |
| Total nominal value of the<br>bids received (thousand<br>BGN) | 00.000           | 7 650.00     | 21 455.00    | 7 865.00     | 6 160.00   | 11 850.00    | 7 610.00     |  |
| Total nominal value of the<br>bids approved (thousand<br>BGN) | 5 000.00         | 5 000.00     | 10 000.00    | 5 000.00     | 5 000.00   | 8 000.00     | 5 000.00     |  |
| Average price of the bids approved per BGN 100 (%)            | 6) 97.53         | 98.90        | 94.14        | 98.91        | 98.91  | 94.38        | 98.91        |  |
| Average discount per BGN 100 (%)                              | <b>Х</b><br>2.47 | 1.10         | 5.86         | 1.09         | 1.09   | 5.62         | 1.09         |  |
| Average annual yield (%)                                      | 5.08             | 4.46         | 6.24         | 4.42         | 4.42   | 5.97         | 4.42         |  |
| Effective annual yield ( $\%$ )                               | 5.14             | 4.54         | 6.24         | 4.49         | 4.49   | 5.97         | 4.49         |  |
| Coverage coefficient  | 1.98             | 1.53         | 2.15         | 1.57         | 1.23   | 1.48         | 1.52         |  |

Source: MF.

October 1999

|         |             | Outsta      | inding Gov  | Outstanding Government Securities | curities    |                        |            |
|---------|-------------|-------------|-------------|-----------------------------------|-------------|------------------------|------------|
|         |             |             | Treasu      | Treasury Bonds                    |             |                        |            |
|         | 11/30.01.95 | 23/02.03.95 | 49/04.05.95 | 49/04.05.95 200/31.05.95          | 72/20.07.95 | 85/14.09.95 106/30.11. | 106/30.11. |
|         | 30.01.2004  | 02.03.2000  | 27.04.2000  | 21.05.2002                        | 13.07.2000  | 07.09.2000             | 23.11.20   |
| e offer | 25.00       | 500.00      | 1 000.00    | 9 320.25                          | 2 982.00    | 2 000.00               | 800.       |
| of the  |             |             |             |                                   |             |                        |            |

| Issue No./Date  | 11/30.01.95 | 23/02.03.95 | 49/04.05.95 | 200/31.05.95 | 72/20.07.95 | 85/14.09.95 | 106/30.11.95 | 113/28.12.95 |
|---|-------------|-------------|-------------|--------------|-------------|-------------|--------------|--------------|
| Maturity date   | 30.01.2004  | 02.03.2000  | 27.04.2000  | 21.05.2002   | 13.07.2000  | 07.09.2000  | 23.11.2000   | 21.12.2000   |
| Nominal value of the offer<br>(thousand BGN)                  | 25.00       | 500.00      | 1 000.00    | 9 320.25     | 2 982.00    | 2 000.00    | 800.00       | 1 016.80     |
| Total nominal value of the<br>bids received (thousand<br>BGN) | 25.00       | 400.00      | 1 000.00    | 9 320.25     | 2 982.00    | 960.00      | 220.00       | 1 016.80     |
| Total nominal value of the<br>bids approved (thousand<br>BGN) | 25.00       | 400.00      | 1 000.00    | 9 320.25     | 2 982.00    | 960.00      | 220.00       | 1 016.80     |
| Average price of the bids approved per BGN 100 (%)            | 100.00      | 100.00      | 98.00       | 100.00       | 96.43       | 93.81       | 92.86        | 92.34        |
| Average discount per BGN $100 (\%)$                           |             |             | 2.00        |              | 3.57        | 6.19        | 7.14         | 7.66         |
| Interest rate   | BIR         | BIR         | BIR         | BIR          | BIR         | BIR         | BIR          | BIR          |
| Coverage coefficient  | 1.00        | 0.80        | 1.00        | 1.00         | 1.00        | 0.48        | 0.28         | 1.00         |
|   |             |             |             |              |             |             |              | (continued)  |

Secondary Market of Government Securities

| (continued)   |              |                    |                   |                   |   |                     |                     |                     |
|---|--------------|--------------------|-------------------|-------------------|---|---------------------|---------------------|---------------------|
| Issue No.   | BG2030396126 | BG2031096121       | BG2033297123      | BG2034797121      | BG2030396126 BG2031096121 BG2033297123 BG2034797121 BG2041097028 BG2045397127 BG2045997124 BG2046497124 | BG2045397127        | BG2045997124        | BG2046497124        |
| Issue date  | 29.02.1996   | 30.05.1996         | 09.05.1997        | 16.05.1997        | 17.07.1997  | 20.11.1997          | 04.12.1997          | 18.12.1997          |
| Maturity date   | 22.02.2001   | 23.05.2001         | 05.05.2000        | 10.05.2002        | 13.07.2000  | 18.11.1999          | 02.12.1999          | 16.12.1999          |
| Nominal value of the offer (thousand BGN)   | 1 000.00     | 800.00             | 35 000.00         | 20 000.00         | 35 000.00   | 5 000.00            | 2 500.00            | 2 000.00            |
| Total nominal value of the<br>bids received (thousand<br>BGN)   | 200.00       | 800.00             | 30 910.00         | 20 000.00         | 54 150.00   | 3 950.00            | 2 480.00            | 6 880.00            |
| Total nominal value of the<br>bids approved (thousand<br>BGN)   | 50.00        | 800.00             | 30 000.00         | 20 000.00         | 35 000.00   | 1 350.00            | 2 480.00            | 2 000.00            |
| Average price of the bids approved per BGN 100 ( $\%$ )   | 91.50        | 100.00             | 100.00            | 100.00            | 97.75   | 96.66               | 94.58               | 94.16               |
| Average discount per BGN 100 (%)  | 8.50         | ı                  | 0.00              | 0.00              | 2.25  | 3.34                | 5.42                | 5.84                |
| Interest rate   | BIR          | BIR+7              | BIR+4             | BIR+4             | BIR   | $(x+1).182/365^{1}$ | $(x+1).182/365^{1}$ | $(x+1).182/365^{1}$ |
| Coverage coefficient  | 0.20         | 1.00               | 0.88              | 1.00              | 1.55  | 0.79                | 0.99                | 3.44                |
| $\frac{1}{x}$ - annual yield of 6-month government securities at the auction preceding the interest period. | ecu          | urities at the auc | tion preceding ti | he interest perio | 1.  |                     |                     | (continued)         |

(continued)

| (continued)  |                     |                    |                   |                    |   |              |              |              |
|--|---------------------|--------------------|-------------------|--------------------|---|--------------|--------------|--------------|
| Issue No.  | BG2030098128        | BG2030198110       | BG2030298116      | BG2030398114       | BG2030098128 BG2030198110 BG2030298116 BG2030398114 BG2030498112 BG2030598119 BG2030698117 BG2030798115 | BG2030598119 | BG2030698117 | BG2030798115 |
| Issue date   | 15.01.1998          | 29.01.1998         | 12.02.1998        | 05.03.1998         | 19.03.1998  | 02.04.1998   | 16.04.1998   | 30.04.1998   |
| Maturity date  | 13.01.2000          | 27.01.2000         | 10.02.2000        | 02.03.2000         | 16.03.2000  | 30.03.2000   | 13.04.2000   | 24.04.2003   |
| Nominal value of the offer (thousand BGN)  | 5 000.00            | 5 000.00           | 5 000.00          | 5 000.00           | 5 000.00  | 5 000.00     | 5 000.00     | $1\ 000.00$  |
| Total nominal value of the<br>bids received (thousand<br>BGN)  | 17 425.00           | 16 360.00          | 13 320.00         | 10 620.00          | 7 970.00  | 8540.00      | 14 565.00    | 3 605.00     |
| Total nominal value of the<br>bids approved (thousand<br>BGN)  | 5 000.00            | 5 000.00           | 5 000.00          | 5 000.00           | 5 000.00  | 5 000.00     | 5 000.00     | 1 000.00     |
| Average price of the bids approved per BGN 100 ( $\%$ )  | 94.88               | 95.86              | 96.11             | 95.54              | 95.46   | 94.97        | 94.43        | 87.14        |
| Average discount per BGN 100 (%)   | 5.12                | 4.14               | 3.89              | 4.46               | 4.54  | 5.03         | 5.57         | 12.86        |
| Interest rate  | $(x+1).182/365^{1}$ | 8.00               | 8.00              | 7.50               | 7.50  | 7.50         | 7.00         | 8.00         |
| Coverage coefficient   | 3.49                | 3.27               | 2.66              | 2.12               | 1.59  | 1.71         | 2.91         | 3.61         |
| $\frac{1}{x}$ - annual yield of 6-month government securities at the auction preceding the interest period | sovernment secu     | urities at the auc | tion preceding to | he interest perioo | <i>1</i> .  |              |              | (continued)  |

Secondary Market of Government Securities

| (continued)   |              |              |              |   |              |              |              |              |
|---|--------------|--------------|--------------|---|--------------|--------------|--------------|--------------|
| Issue No.   | BG2030898113 | BG2030998111 | BG2031098119 | BG2030898113 BG2030998111 BG2031098119 BG2031198117 BG2031298115 BG2031398113 BG2031498111 BG2031598118 | BG2031298115 | BG2031398113 | BG2031498111 | BG2031598118 |
| Issue date  | 14.05.1998   | 28.05.1998   | 18.06.1998   | 02.07.1998  | 16.07.1998   | 30.07.1998   | 20.08.1998   | 03.09.1998   |
| Maturity date   | 11.05.2000   | 22.05.2003   | 15.06.2000   | 26.06.2003  | 13.07.2000   | 26.07.2001   | 17.08.2000   | 30.08.2001   |
| Nominal value of the offer<br>(thousand BGN)                  | 5 000.00     | 2 000.00     | 5000.00      | 2000.00   | 5 000.00     | 1 000.00     | 5 000.00     | 1 000.00     |
| Total nominal value of the bids received (thousand BGN)       | 14 041.00    | 3 440.00     | 7825.00      | 2070.00   | 6 450.00     | 2 750.00     | 11 450.00    | 1 400.00     |
| Total nominal value of the<br>bids approved (thousand<br>BGN) | 5 000.00     | 2 000.00     | 5000.00      | 2000.00   | 5 000.00     | 1 000.00     | 5 000.00     | 1 000.00     |
| Average price of the bids approved per BGN 100 ( $\%$ )       | 95.47        | 84.78        | 93.53        | 76.20   | 92.70        | 89.60        | 92.97        | 87.85        |
| Average discount per BGN 100 (%)                              | 4.53         | 15.22        | 6.47         | 23.80   | 7.30         | 10.40        | 7.03         | 12.15        |
| Interest rate   | 7.00         | 8.00         | 6.00         | 7.00  | 6.00         | 7.00         | 6.00         | 6.50         |
| Coverage coefficient  | 2.81         | 1.72         | 1.57         | 1.04  | 1.29         | 2.75         | 2.29         | 1.40         |

24

| (continued)   |              |              |              |              |              |              |  |              |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--|--------------|
| Issue No.   | BG2031698116 | BG2031798114 | BG2031898112 | BG2031998110 | BG2032098118 | BG2032198116 | $BG2031698116 \ BG2031798114 \ BG2031898112 \ BG2031998110 \ BG2032098118 \ BG2032198116 \ BG2032298114 \ BG2032099118 \ BG2032198116 \ BG2032298114 \ BG203099118 \ BG2032098118 \ BG2032198116 \ BG2032098118 \ BG203$ | BG2030099118 |
| Issue date  | 17.09.1998   | 01.10.1998   | 15.10.1998   | 29.10.1998   | 19.11.1998   | 03.12.1998   | 17.12.1998   | 13.01.1999   |
| Maturity date   | 14.09.2000   | 27.09.2001   | 12.10.2000   | 25.10.2001   | 16.11.2000   | 29.11.2001   | 14.12.2000   | 10.01.2001   |
| Nominal value of the offer (thousand BGN)                     | 5 000.00     | 1 500.00     | 5 000.00     | 1 500.00     | 1 000.00     | 500.00       | 1 000.00   | 5 000.00     |
| Total nominal value of the<br>bids received (thousand<br>BGN) | 6 640.00     | 1 155.00     | 7 900.00     | 700.00       | 3 700.00     | 1 250.00     | 2 647.02   | 13 053.00    |
| Total nominal value of the<br>bids approved (thousand<br>BGN) | 5 000.00     | 1,055.00     | 5 000.00     | 250.00       | 1 000.00     | 500.00       | 1 000.00   | 5 000.00     |
| Average price of the bids approved per BGN 100 (%)            | 92.45        | 86.89        | 91.71        | 83.48        | 93.32        | 95.55        | 99.82  | 09.66        |
| Average discount per BGN 100 (%)                              | 7.55         | 13.11        | 8.29         | 16.52        | 6.68         | 4.45         | 0.18   | 0.40         |
| Interest rate   | 6.00         | 6.50         | 6.00         | 6.50         | 6.50         | 9.00         | 9.00   | 9.00         |
| Coverage coefficient  | 1.33         | 0.77         | 1.58         | 0.47         | 3.70         | 2.50         | 2.65   | 2.61         |
|   |              |              |              |              |              |              |  |              |

Secondary Market of Government Securities

| (continued)   |              |              |              |              |              |              |   |              |
|---|--------------|--------------|--------------|--------------|--------------|--------------|---|--------------|
| Issue No.   | BG2030199116 | BG2030299114 | BG2030399112 | BG2030499110 | BG2030599117 | BG2030699115 | BG2030199116 BG2030299114 BG2030399112 BG2030499110 BG2030599117 BG2030699115 BG2030799113 BG2030899111 | BG2030899111 |
| Issue date  | 27.01.1999   | 10.02.1999   | 24.02.1999   | 10.03.1999   | 24.03.1999   | 31.03.1999   | 14.04.1999  | 28.04.1999   |
| Maturity date   | 24.01.2001   | 07.02.2001   | 21.02.2001   | 07.03.2001   | 21.03.2001   | 24.03.2004   | 11.04.2001  | 25.04.2001   |
| Nominal value of the offer (thousand BGN)                     | 8 000.00     | 10 000.00    | 15 000.00    | 15 000.00    | 15 000.00    | 2 000.00     | 15 000.00   | 20 000.00    |
| Total nominal value of the<br>bids received (thousand<br>BGN) | 20 849.60    | 24 021.03    | 30 397.50    | 48 340.00    | 39 280.00    | 2 795.00     | 47 594.30   | 42 870.00    |
| Total nominal value of the<br>bids approved (thousand<br>BGN) | 8 000.00     | 10 000.00    | 15 000.00    | 15 000.00    | 15 000.00    | 2 000.00     | 15 000.00   | 20 000.00    |
| Average price of the bids approved per BGN 100 ( $\%$ )       | 99.38        | 99.66        | 99.74        | 99.91        | 100.05       | 86.35        | 100.84  | 99.88        |
| Average discount per BGN 100 (%)                              | 0.62         | 0.34         | 0.26         | 0.09         | -0.05        | 13.65        | -0.84   | 0.12         |
| Interest rate   | 9.00         | 9.00         | 9.00         | 9.00         | 9.00         | 9.00         | 9.00  | 8.00         |
| Coverage coefficient  | 2.61         | 2.40         | 2.03         | 3.22         | 2.62         | 1.40         | 3.17  | 2.14         |

26

| (continued)   |              |              |              |              |   |              |              |              |
|---|--------------|--------------|--------------|--------------|---|--------------|--------------|--------------|
| Issue No.   | BG2030999119 | BG2031099117 | BG2031299113 | BG2031399111 | BG2030999119 BG2031099117 BG2031299113 BG2031399111 BG2031699114 BG2031799112 BG2031899110 BG2031999118 | BG2031799112 | BG2031899110 | BG2031999118 |
| Issue date  | 29.04.1999   | 12.05.1999   | 26.05.1999   | 09.06.1999   | 23.06.1999  | 14.07.1999   | 28.07.1999   | 11.08.1999   |
| Maturity date   | 22.04.2004   | 09.05.2001   | 23.05.2001   | 06.06.2001   | 20.06.2001  | 11.07.2001   | 25.07.2001   | 08.08.2001   |
| Nominal value of the offer (thousand BGN)                     | 1 190.00     | 20 000.00    | 20 000.00    | 20 000.00    | 15 000.00   | 12 000.00    | $10\ 000.00$ | $10\ 000.00$ |
| Total nominal value of the<br>bids received (thousand<br>BGN) | 1 190.00     | 25 720.00    | 25 827.40    | 15 965.00    | 11 220.00   | 16 170.00    | 13 105.50    | 11 325.00    |
| Total nominal value of the<br>bids approved (thousand<br>BGN) | 1 190.00     | 20 000.00    | 20 000.00    | 15 965.00    | 11 220.00   | 12 000.00    | 10 000.00    | 10 000.00    |
| Average price of the bids approved per BGN 100 (%)            | 78.39        | 99.98        | 98.98        | 97.18        | 93.55   | 93.54        | 93.26        | 92.59        |
| Average discount per BGN 100 (%)                              | 21.61        | 0.02         | 1.02         | 2.82         | 6.45  | 6.46         | 6.74         | 7.41         |
| Interest rate   | 9.00         | 8.00         | 8.00         | 8.00         | 8.00  | 8.00         | 8.00         | 8.00         |
| Coverage coefficient  | 1.00         | 1.29         | 1.29         | 0.80         | 0.75  | 1.35         | 1.31         | 1.13         |
|   |              |              |              |              |   |              |              | (continued)  |

Secondary Market of Government Securities

| (continued)  |              |              |              |              |              |
|--|--------------|--------------|--------------|--------------|--------------|
| Issue No. Bo   | BG2032099116 | BG2032199114 | BG2032299112 | BG2032399110 | BG2032499118 |
| Issue date   | 25.08.1999   | 08.09.1999   | 24.09.1999   | 13.10.1999   | 27.10.1999   |
| Maturity date  | 22.08.2001   | 05.09.2001   | 21.09.2001   | 10.10.2001   | 24.10.2001   |
| Nominal value of the offer (thousand BGN)                      | 00 000 8     | 00 000 8     |              | 00 000 8     | 10 000 00    |
| Total nominal value of the<br>bids received (thousand<br>RGN)  |              |              |              |              |              |
|  | 9 080.63     | 16600.00     | 34 781.00    | 39 093.50    | 28 485.05    |
| total norminal value of the<br>bids approved (thousand<br>BGN) | 8 000.00     | 8 000.00     | 8 000.00     | 8 000.00     | 10 000.00    |
| Average price of the bids approved per BGN 100 (%)             | 91.92        | 91.05        | 94.71        | 98.02        | 98.53        |
| Average discount per BGN 100 (%)                               | 8.08         | 8.95         | 5.29         | 1.98         | 1.47         |
| Interest rate  | 8.00         | 8.00         | 9.00         | 9.00         | 9.00         |
| Coverage coefficient   | 1.14         | 2.08         | 4.35         | 4.89         | 2.85         |
| Source: MF.  |              |              |              |              |              |

October 1999

# **Government Securities Issued for Structural Reform**

# **Guaranty Government Securities**

#### Lev Guaranty Government Securities

| Issue No.               | BG2040296225 | BG2040396223 | BG2040596228 | BG2044397227 | BG2047397224 | BG2047597229 | BG2047497222 | BG2047697227 |
|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Issue date              | 05.06.1996   | 12.06.1996   | 27.06.1996   | 18.08.1997   | 22.10.1997   | 22.10.1997   | 27.10.1997   | 05.11.1997   |
| Maturity date           | 28.05.2003   | 04.06.2003   | 19.06.2003   | 09.08.2004   | 13.10.2004   | 13.10.2004   | 18.10.2004   | 27.10.2004   |
| Principal (thousand BGI | N) 3428.57   | 3622.12      | 453.18       | 21129.85     | 2330.52      | 7593.12      | 6732.26      | 12419.73     |
| Interest rate           | BIR          |
| Interest payments       | semiannual   |
| Repayments              | equal annual |
| Maturity (in years)     | 7            | 7            | 7            | 7            | 7            | 7            | 7            | 7            |

| Issue No.                | BG2040098225 | BG2040298221 | BG2040398229 |
|--------------------------|--------------|--------------|--------------|
| Issue date               | 29.01.1998   | 12.02.1998   | 10.03.1998   |
| Maturity date            | 20.01.2005   | 03.02.2005   | 01.03.2005   |
| Principal (thousand BGN) | 2936.32      | 2741.11      | 116.06       |
| Interest rate            | BIR          | BIR          | BIR          |
| Interest payments        | semiannual   | semiannual   | semiannual   |
| Repayments               | equal annual | equal annual | equal annual |
| Maturity (in years)      | 7            | 7            | 7            |

(continued)

| FULLER CULTURY QUALATING JOINT THURSDAY AND THE SAME THE |              |              | 2            |              |              |              |              |              |
|---|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Issue No.   | BG2040097110 | BG2040198116 | BG2040297116 | BG2040397114 | BG2045697112 | BG2047297119 | BG2047797118 | BG2047897116 |
| Issue date  | 02.05.1997   | 29.01.1998   | 21.10.1997   | 21.10.1997   | 15.08.1997   | 18.08.1997   | 24.10.1997   | 05.11.1997   |
| Maturity date   | 28.04.2000   | 25.01.2001   | 17.10.2000   | 17.10.2000   | 11.08.2000   | 14.08.2000   | 20.10.2000   | 01.11.2000   |
| Principal (million USD)   | 8.86         | 0.51         | 1.44         | 0.66         | 2.04         | 36.51        | 23.33        | 5.34         |
| Interest rate   | LIBOR+2      |
| Interest payments   | semiannual   |
| Repayments  | one-off      |
|   | at maturity  |
| Maturity (in years)   | 3            | .0           | 3            | 6            | 3            | 3            | 3            | .0           |
|   |              |              |              |              |              |              |              |              |
| Issue No.   | BG2040498110 | BG2040598117 | BG2040698115 |              |              |              |              |              |
|   | 0001 00 01   | 10 01 0001   | 0001 20 11   |              |              |              |              |              |

Foreign Currency Guaranty Government Securities

10

| Issue No.               | BG2040498110 | BG2040598117 | BG2040698115 |
|-------------------------|--------------|--------------|--------------|
| Issue date              | 13.02.1998   | 13.03.1998   | 11.05.1998   |
| Maturity date           | 09.02.2001   | 06.03.2001   | 07.05.2001   |
| Principal (million USD) | 3.13         | 0.05         | 1.01         |
| Interest rate           | LIBOR+2      | LIBOR+2      | LIBOR+2      |
| Interest payments       | semiannual   | semiannual   | semiannual   |
| Repayments              | one-off      | one-off      | one-off      |
|                         | at maturity  | at maturity  | at maturity  |
| Maturity (in years)     | б            | б            | 3            |

LIBOR - average six-month LIBOR (London Interbank Offered Rate) quoted by the Reuters for the preceding interest period. STRIPS - Separate Trading of Registered Interest and Principal of Securities. In compliance with Article 8 and Article 9, para. 1, items 1 and 2 of the LSPDACB, the Ministry of Finance issues lev and foreign currency guaranty government securities. These are issued ander the following conditions:

(a) in levs – 7-year redemption term; interest – BIR for the respective period, payable semiannually, redemption schedule – equal annual installments.

(b) in US dollars - 3-year redemption term; interest - six-month LIBOR plus 2 percent, payable semiannually; redemption schedule - one-off at end-period; transferable only between comnercial banks based in this country. Interest coupons are separated from the principal and are freely transferable, provided that the MF and the BNB approve a STRIPS program for the banks applying to trade in interest coupon derivative financial instruments, to be registered in BNB Government Securities Depository.

The Law on Bank Deposit Guaranty (published in the State Gazette, issue 49 of 29 April of 1998) repeats the Law on State Protection of Deposits and Accounts with Commercial Banks in Respect Whereof the BNB Has Petitioned the Institution of Bankruptcy Proceedings. The repealed law is applicable to deposits and accounts with banks which had been declared insolvent beore the enforcement of the Law on Bank Deposit Guaranty, as well as to the special fund for state protection of deposits and accounts and guaranty government securities service.

Principals of lev guaranty government securities are based on actual data as of 31 October 1999.

Source: MF

#### Government Securities Issued to Settle Nonperforming Credits of State-owned Companies to Banks

| Legal regulation        | CMD 244/91    | CMD 186/93    | Art. 4 ZUNK/93 | Art. 5 ZUNK/93 | CMD 3/94      | CMD 89/95     |
|-------------------------|---------------|---------------|----------------|----------------|---------------|---------------|
| Issue No.               | BG 2000192224 | BG 2009993226 | BG 2009893228  | BG 2009794228  | BG 2009693222 | 200/1995      |
| Issue date              | 01.01.1992    | 01.07.1993    | 01.10.1993     | 01.01.1994     | 01.12.1993    | 31.05.1995    |
| Maturity date           | 01.01.2011    | 01.07.2017    | 01.10.2018     | 01.01.2019     | 01.12.2018    | 21.05.2002    |
| Maturity (years)        | 19            | 24            | 25             | 25             | 25            | 7             |
| Grace period (years)    | 4             | 4             | 5              | 5              | 5             | 4             |
| Redemption term (years) | 15            | 20            | 20             | 20             | 20            | 3             |
| Repayments              | 15 equal      | 20 equal      | 20 equal       | 20 equal       | 20 equal      | 6 equal       |
|                         | annual        | annual        | annual         | annual         | annual        | semiannual    |
|                         | installments  | installments  | installments   | installments   | installments  | installments  |
| Principal (thousand)    | 3302.08 (BGN) | 2301.90 (BGN) | 8346.69 (BGN)  | 497 360 (USD)  | 931.34 (BGN)  | 9320.28 (BGN) |
| Interest payments       | semiannual    | semiannual    | semiannual     | semiannual     | annual        | semiannual    |
| 1999 interest           | BIR+1         | 2/3 BIR       | 2/3 BIR        | LIBOR*         | 2/3 BIR       | BIR           |
|                         |               |               |                |                |               |               |

\* Six-month LIBOR of the US dollar for the preceding interest period; the amount of interest coupon is announced by the Minister of Finance three days after the beginning of each interest period.

Principals are based on actual data as of 31 October 1999.

Long-term government bonds transferred on the MF account with the BNB are included in the debt amount under ZUNK.

Pursuant to CM Decree No. 221 of 1995 holders of long-term government bonds issued under ZUNK, CM Decrees No. 244 of 1991, No. 186 of 1993, No. 3 of 1994 may be used as legal tender in privatization transactions.

Pursuant to CM Decree No. 22 of 1995, long-term government bonds issued under ZUNK may be used to repay obligations of state-owned enterprises, firms and commercial companies to the government, transformed under Article 10 of ZUNK. In meeting these obligations, long-term government bonds are valued at their nominal for the bonds denominated in US dollars, and 80% for those denominated in levs.

Source: MF.

| Issue No.               | BG2040099223         | BG3013799021                | BG2031499127                | BG2031599124                |  |
|-------------------------|----------------------|-----------------------------|-----------------------------|-----------------------------|--|
| Issue date              | 01.07.1999           | 16.06.1999                  | 16.06.1999                  | 16.06.1999                  |  |
| Maturity date           | 01.01.2019           | 15.03.2000                  | 13.09.2000                  | 11.04.2001                  |  |
| Principal (million EUR) | 25.73                | 6.00                        | 10.80                       | 7.00                        |  |
| Interest rate           | EURIBOR <sup>1</sup> | EURO LIBOR <sup>2</sup> + 3 | EURO LIBOR <sup>3</sup> + 3 | EURO LIBOR <sup>3</sup> + 3 |  |
| Interest payments date  | semiannual           | 15.03.2000                  | 14.06.2000; 13.09.2000      | 14.06.2000; 11.04.2001      |  |
| Repayments              | 20 equal annual      | one-off<br>at maturity      | one-off<br>at maturity      | one-off<br>at maturity      |  |

EUR-denominated government securities are issued pursuant to \$ 10 of the Transitional and Final Provisions of 1999 State Budget Law of the Republic of Bulgaria. <sup>1</sup> 6-month EURIBOR for the preceding interest period; the amount of interest coupon is announced by the Minister of Finance three days after the beginning of each interest period.

<sup>2</sup>6-month EURO LIBOR quoted on 15 June 1999 at 11.00 am London time.

<sup>3</sup>6-month EURO LIBOR quoted on 15 June 1999 and respectively on 13 June 2000 at 11.00 am London time.

EUR-denominated issue BG 2040099223 has the same status as USD-denominated issue BG 2009794228 (issued under Article 5 of ZUNK).

The principal of issue BG 2040099223 is based on actual data as of 31 October 1999.

Source: MF.

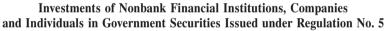
# INVESTMENTS OF NONBANK FINANCIAL INSTITUTIONS, COMPANIES AND INDIVIDUALS IN GOVERNMENT SECURITIES

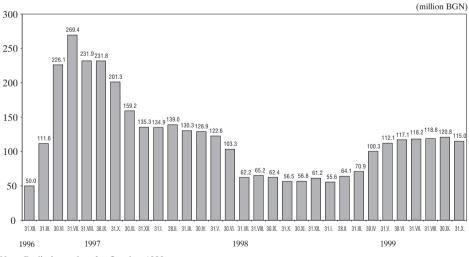
# Investments in Government Securities Issued under Regulation No. 5 and Target Issues

The volume of government securities sales for budget deficit financing decreased in October. As of 31 October 1999 government securities (issued under Regulation No. 5) held by individuals, companies and nonbank financial institutions totaled BGN 114,974 thousand (Chart 11), a decrease of BGN 6,275 thousand, or 5.18%, on the previous month. Investments in target government securities earmarked for sale to physical persons accounted for BGN 19,088 thousand (Chart 12), an increase of BGN 483 thousand, or 2.6%, on September.

In October sales of government securities issued under Regulation No. 5 included three-month treasury bills of BGN 4,125.4 thousand, six-month of BGN 250,000 thousand, one-year of BGN 670 thousand, and two-year treasury bonds of BGN 2,959.3 thousand. Three-month treasury bills occupied the largest share in total government securities sales in October, 53.2%.

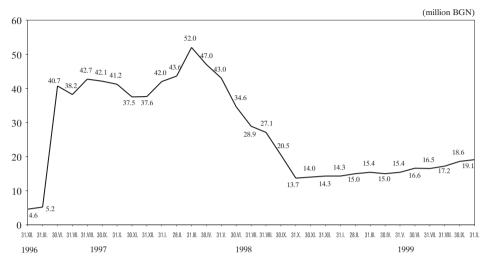
Chart 11





Note: Preliminary data for October 1999.

Source: BNB.



#### Individuals' Investments in Government Securities from Target Issues



2. Target issues dated 13 October 1999 excluded.

Source: BNB.

# **Target Issues of Government Securities Earmarked for Physical Persons**

Between 29 September and 26 October 1999<sup>1</sup> the MF offered for sale six issues of government securities earmarked for physical persons under the following conditions:

• Two issues of six-month target discount treasury bills yielding 5.9% annually. Their average weighted monthly yield is 0.49% (Chart 13). No repurchases are effected by the clients prior to maturity of these government securities.

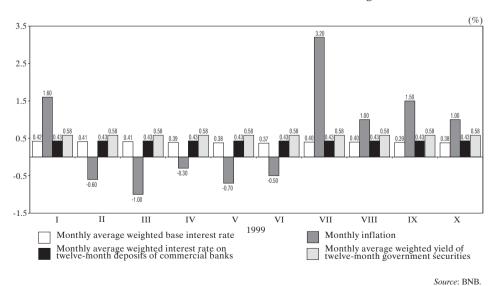
• Two issues of twelve-month target discount treasury bills ensuring 6.99% annual yield. Their average weighted monthly yield is 0.58% (Chart 14). Reverse repurchase of these government securities starts six months after their issue at prices set by the issuer, with their effective annual yield increasing proportionally from beginning to end of the reverse repurchase period.

• Two issues of two-year savings treasury bonds with fixed annual yield in the form of semiannual interest payment, effective as of the issue date. The last interest payment is effected at maturity together with the nominal value of government securities. The annual interest rate of the first interest coupon is 9%, the sec-

<sup>&</sup>lt;sup>1</sup> The period under review starts from the issue date and finishes at the end of issue periods, since data is obtained and registered after the sale of a particular issue has been finished. Therefore, this period does not correspond to the calendar month and includes two issue periods or four weeks.



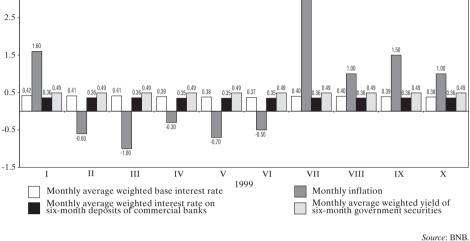
Yield of Twelve-month Government Securities from Target Issues



Yield of Six-month Government Securities from Target Issues

3.20

3.5



(%)

ond 10%, the third 11%, and fourth 12%. Reverse repurchases of these bonds start six months after their issue at prices set by the issuer. Reverse repurchase price of two-year savings government securities issues is set by accruing the previous coupon annual rate of interest to the nominal value for the period since the latest interest payment until the reverse repurchase date.

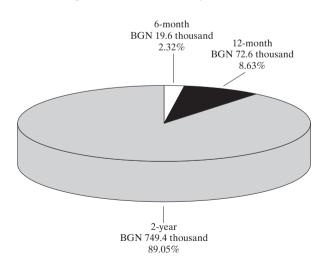
Sales of these government securities totaled BGN 841.6 thousand nominal value: six-month treasury bills of BGN 19.6 thousand (2.32%), twelve-month treasury bills of BGN 72.6 thousand (8.63%) and two-year savings treasury bonds of BGN 749.4 thousand (89.05%). Data shows that during the reporting period investors opted for twoyear savings treasury bonds (Chart 15) generating higher yield.

# Investments in Government Securities Issued for Structural Reform

The slight upward trend in the volume of government securities acquired by individuals, companies and nonbank financial institutions and issued for structural reform continued in October. As of 31 October total sales of government securities accounted for BGN 327,120.1 thousand (including sales to foreign investors), an increase of BGN 20,828 thousand from September (Chart 17).

The bulk of government securities issued for structural reform was sold by commercial banks (77.4%) and other fi-

Chart 15

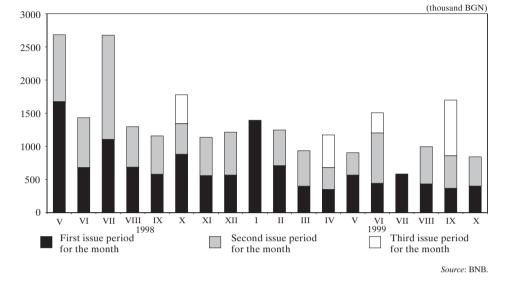


### Maturity Structure of Target Government Securities Sold through the BNB and Primary Dealers in October

Source: BNB.

**Secondary Market of Government Securities** 

Chart 16



# Volume of Target Government Securities Sales to Physical Persons

nancial institutions (22.6%).

Lev-denominated government securities held by individuals, companies and nonbank financial institutions totaled BGN 8,631.1 thousand (2.71% of total sales), while USD-denominated government securities issued under ZUNK accounted for BGN 318,489.1 thousand.

# Foreign Investments in Government Securities

The volume of government securities held by foreign investors increased in October. As of 31 October 1999 government securities acquired by foreign investors totaled BGN 162,226 thousand (Chart 18), an increase of BGN 19,475.3 thousand (13.6%) on September.

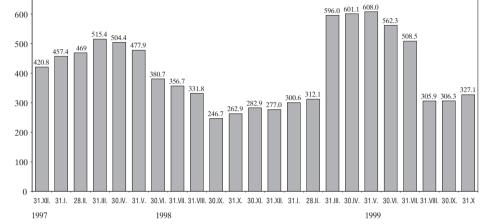
Government securities issued under Regulation No. 5 and acquired by for-

eign investors accounted for BGN 484.5 thousand. By end-October the volume of target government securities (earmarked for direct sale to physical persons) held by nonresidents remained unchanged: BGN 7.5 thousand.

As of 31 October USD-denominated long-term government bonds held by foreign investors increased by USD 9 million, reaching USD 78.4 million, equivalent to BGN 146.6 million, an increase of BGN 19.4 million, or 15.3%, on the previous month. The relative share of these government securities on domestic debt totaled 90.38% in foreign investors' portfolios. The volume of sold EUR-denominated government securities remained unchanged: EUR 7.7 million (9.31%).

# Investments of Nonbank Financial Institutions, Companies and Individuals in Government Securities Issued for Structural Reform

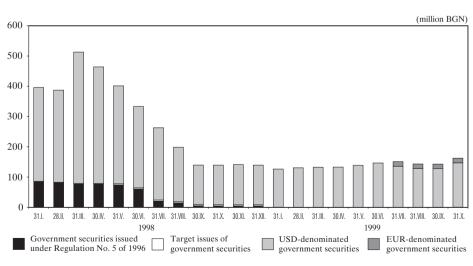
(million BGN)



*Note:* Data on USD-denominated government securities shows the lev equivalent based on the USD exchange rate at the end of month. Preliminary data for October 1999.

Source: BNB.

#### Chart 18

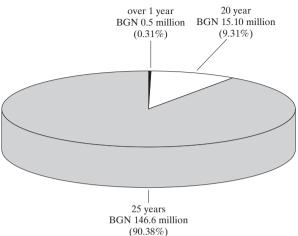


# Government Securities in Foreign Investors' Portfolios

700

Note: Preliminary data for October 1999.

## Volume and Maturity Structure of Government Securities held by Foreign Investors by 31 October

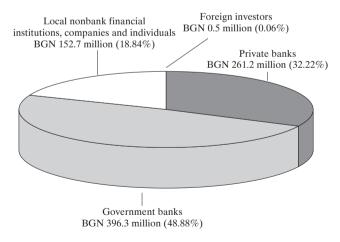


Note: Preliminary data.

Source: BNB.

Chart 20

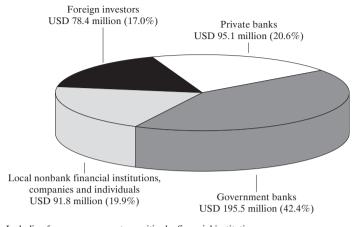
### Holders of Government Securities Issued under Regulation No. 5 and of Target Issues by 31 October



- *Notes*: 1. Including frozen government securities by financial institutions.
  - 2. Excluding guaranty government securities issued under the LSPDACB.

Source: BNB.

<sup>3.</sup> Preliminary data.



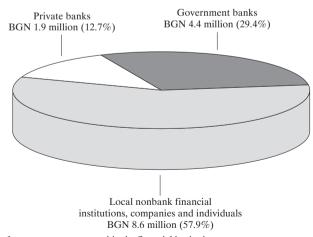
# Holders of USD-denominated Government Securities Issued under ZUNK by 31 October

*Notes:* 1. Including frozen government securities by financial institutions. 2. Preliminary data.

Source: BNB.

Chart 22

# Holders of Lev-denominated Government Securities Issued for Structural Reform by 31 October



# SALES OF GOVERNMENT SECURITIES FOR PARTICIPATION IN PRIVATIZATION TRANSACTIONS

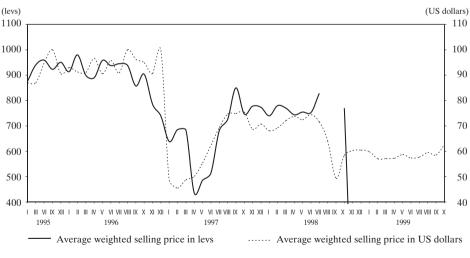
In October long-term government bonds issued under Article 5 of ZUNK, totaling USD 2 million, were sold for participation in privatization. Pursuant to Article 5 of the Regulation on participation in privatization of holders of longterm government bonds issued under the terms of ZUNK, CM Decrees Nos. 244 of 1991, 186 of 1993 and 3 of 1994, these government securities were transferred to the MF account for participation in 4 privatization transactions as legal tender; they were canceled at the end of October. The average weighted price of the bonds issued under Article 5 of ZUNK and sold for participation in privatization was USD 62.50 per USD 100 nominal value (Chart 23).

In October no transfer transactions in government securities from issue No. 98 of 1993 (to be used as legal tender in privatization transactions) were registered.

In October pursuant to Article 1 of the Regulation on the procedure for utilization of long-term government bonds

Chart 23

#### Price Dynamics of Government Securities Issued under Articles 4 and 5 of ZUNK and Sold to Companies and Individuals for Participation in Privatization



Source: BNB.

issued under ZUNK for repayment of debts to the government arising under the same law (published in the State Gazette, issue 12 of 3 February 1995), maturing long-term government bonds of USD 0.64 million (issued under Article 5 of ZUNK) were used.

#### Volume of Long-term Government Bonds Used as Legal Tender in Privatization Transactions

|                                  | Year | Jan.    | Feb.    | March  | April   | May     | June   | July   | Aug.   | Sep.   | Oct.   | Nov.   | Dec.    | Tota    |
|----------------------------------|------|---------|---------|--------|---------|---------|--------|--------|--------|--------|--------|--------|---------|---------|
| I. Government                    | 1994 |         |         |        |         | 19.20   | 0.10   | 501.40 | 110.70 | 177.00 | 76.70  | 609.80 | 28.30   | 1523.20 |
| securities in BGN                | 1995 | 88.20   | 257.20  | 65.00  | 35.50   | 143.60  | 132.40 | 262.90 | 148.90 | 59.80  | 54.90  | 242.50 | 354.90  | 1845.80 |
| (thousand BGN)                   | 1996 | 5.70    | 53.90   | 16.50  | 113.90  | 16.60   | 147.80 | 19.90  | 46.00  | 121.30 | 309.60 | 541.20 | 1151.20 | 2543.60 |
|                                  | 1997 | 210.70  | 1374.90 | 114.90 | 1259.35 | 4354.90 | 744.30 | 500.80 | 175.00 | 209.10 | 184.50 | 135.60 | 144.70  | 9408.75 |
|                                  | 1998 | 3916.30 | 17.18   | 238.60 | 13.70   | 60.00   | 90.72  | 27.30  | 3.96   | 0.00   | 11.47  | 0.00   | 0.00    | 4379.23 |
|                                  | 1999 | 0.00    | 0.00    | 0.00   | 0.00    | 0.00    | 0.00   | 0.00   | 0.00   | 0.00   | 0.00   |        |         | 0.00    |
| II. Government                   | 1994 |         |         |        |         |         |        |        |        |        |        |        |         |         |
| securities in USD                | 1995 |         |         |        |         |         | 0.80   | 0.10   | 0.10   | 0.90   | 1.70   |        | 3.90    | 7.50    |
| (million USD)                    | 1996 | 0.18    | 0.23    | 0.32   | 2.22    | 0.04    | 2.47   | 0.20   | 2.21   | 0.22   | 4.29   | 1.22   | 0.76    | 14.37   |
|                                  | 1997 | 4.96    | 0.68    | 4.10   | 0.11    | 1.54    | 1.41   | 6.22   | 1.73   | 3.86   | 2.63   | 2.15   | 10.26   | 39.64   |
|                                  | 1998 | 31.50   | 4.79    | 11.00  | 13.00   | 13.15   | 10.59  | 5.18   | 13.78  | 4.77   | 3.60   | 4.55   | 2.81    | 118.72  |
|                                  | 1999 | 9.50    | 1.61    | 5.34   | 0.67    | 0.61    | 0.21   | 0.66   | 0.03   | 0.04   | 2.00   |        |         | 20.67   |
| II. Government securities in EUR |      |         |         |        |         |         |        |        |        |        |        |        |         |         |
| (thousand EUR)                   | 1999 |         |         |        |         |         |        |        | 2.79   | 0.00   | 0.00   |        |         | 2.79    |

Notes: 1. Government securities in BGN include long-term government bonds issued under Article 4 of ZUNK, CM Decrees No. 186 of 1993, and No. 3 of 1994.

2. Government securities in USD include long-term government bonds issued under Article 5 of ZUNK and denominated in US dollars.

 Government securities in EUR include long-term government bonds denominated in euro and issued pursuant to § 10 of Transitional and Final Provisions of 1999 SBL (issue No. 400 of 1999).

# GOVERNMENT SECURITIES PRIMARY DEALERS AND REUTERS PAGES FOR GOVERNMENT SECURITIES QUOTATIONS

Pursuant to Article 4, para. 1 of Regulation No. 5 of 1998, by resolution of BNB Managing Board and letter of the Minister of Finance, the following are approved as government securities primary dealers:

# FOR THE PERIOD 1 JULY – 31 DECEMBER 1999

| CBBB 01-03 |
|------------|
| BSBD 01-03 |
| BGTB 01-03 |
| BPBB 01-03 |
| BGIN 01-03 |
| RIBB 01-03 |
| SSBG 01-03 |
| SIIB 01    |
| EBSF 01-03 |
| EBVB 01    |
| OBBG 01-03 |
| INBS 01-03 |
| UBBB 01-03 |
| SMBK 01-03 |
| BFIB 01-03 |
| RBBS 01-03 |
| REBS 01    |
| SGBG 01    |
| AGBG 01-03 |
| UNBS 01-03 |
| EUFI 01-03 |
| ELAN 01-03 |
|            |
| BGTSY=     |
| BGZUNK=    |
| BOZONK-    |
|            |
| BGBNB 5    |
| BGBNB 7    |
| BGBNB 9    |
| 6 0100 2   |
|            |

Published by the Bulgarian National Bank Fiscal Services Department, tel. 9145 1486. 1000 Sofia, 1 Alexander Battenberg Square Telephone: 91459 Telex: 24090, 24091 Fax: 980 2425, 980 6493 Printed by BNB Printing Center