



**NOVEMBER**

**Secondary  
Market of  
Government  
Securities**

**2001**

## *Abbreviations*

BGN – The Abbreviation of the Redenominated Bulgarian Lev  
BIR – Base Interest Rate  
BNB – Bulgarian National Bank  
BSE – Bulgarian Stock Exchange  
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  
LRP – Law on Registered Pledges  
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)

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As of December 1999 you can find a daily bulletin containing information on government securities primary and secondary markets on BNB Internet website: [www.bnb.bg](http://www.bnb.bg).

For additional information on the bulletin subscription and use please call on telephone (+359 2) 9145 1304.

As of January 2000 information on BNB activity as a government fiscal agent and official state depository is included in BNB Internet website under the heading of Fiscal Services containing the following major sections:

- establishment and maintenance of an electronic system for registration and trade in book-entry government securities;
- automated system for registration, service and management of foreign debt;
- information service of cash reporting of consolidated state budget and fiscal reserves.

As of March 2000 *Rules of BNB Activity on Recording Circumstances Related to a Pledge in Book-entry Government Securities under Article 18, Para. 3 of the Law on Registered Pledges* and the Attachments to them can be found on BNB Internet website under the heading of Fiscal Services.

For additional information on the Rules please call on telephones:  
(+359 2) 9145 1795 or 9145 1551.

As of September 2001 *Computerized Book-entry System for Registration of and Trade in Government Securities* was published in Bulgarian and English on BNB Internet website under the heading of Fiscal Services.

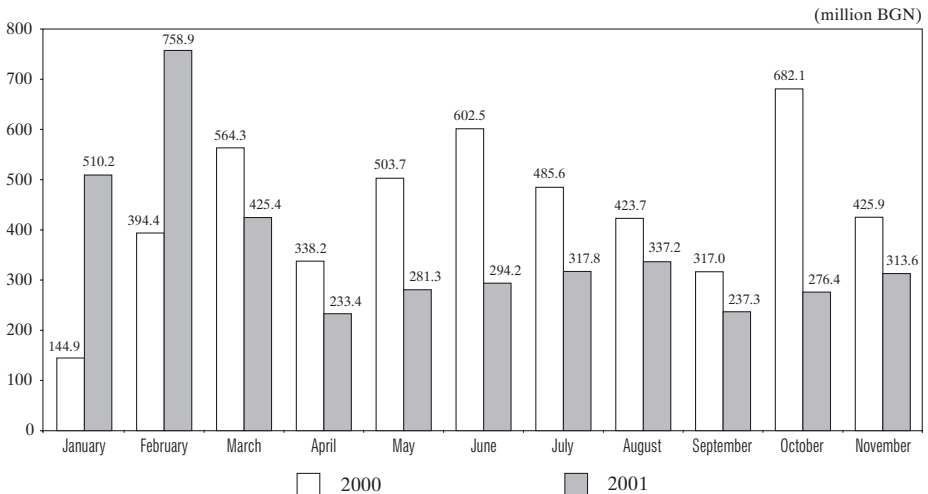
### Interbank Market of Government Securities Issued under Regulation No. 5

In November 2001 financial institutions concluded 358 transactions in government securities (including the number and volume of reverse repurchase agreements) issued for budget deficit financing, totaling BGN 313,606.3 thousand nominal value, a decrease of 26.36% from the same period of the previous year and an increase of 13.48% from the previous month (Chart 1).

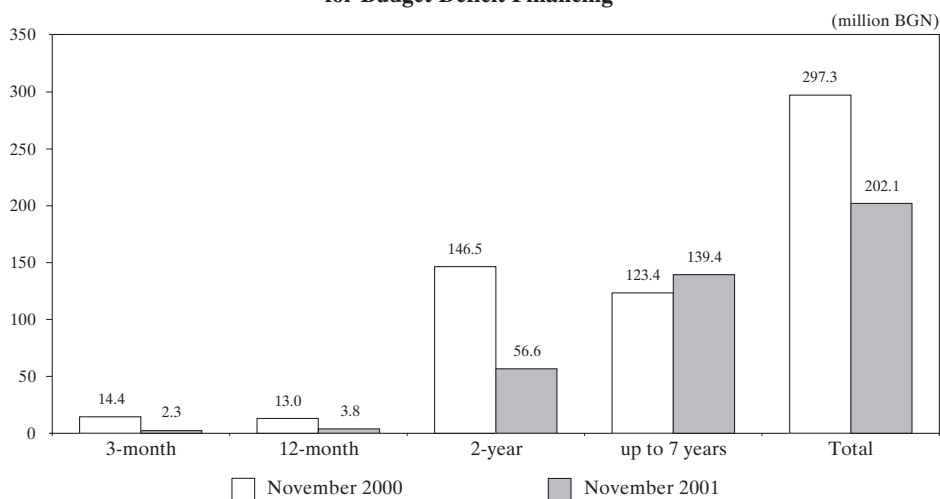
The total volume of secondary market transactions in government securities issued under Regulation No. 5 (reverse repo agreements volume excluded) amounted to BGN 202,095.4 thousand, a decrease of 32.02% on October 2000. Structurally, government securities transactions included three-month treasury bills of BGN 2,283.3 thousand, twelve-month of BGN 3,803.7 thousand, two-year of BGN 56,631.3 thousand and up to seven years of BGN 139,377.1 thousand. This suggests that treasury bonds of up to seven years term were most preferred in November (Chart 2).

Chart 1

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



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



Over the review period the volume of transactions concluded on behalf of clients (under Article 20) totaled BGN 20,364 thousand, a three-fold increase from October. Transactions registered under Article 21 accounted for BGN 1,107.5 thousand, a decrease of 44.62% on the previous month. The volume of transactions concluded between primary and nonprimary dealers under Article 14 decreased to BGN 66,509.9 thousand (7.42%), including bids of BGN 450 thousand approved at government securities auctions on behalf of nonprimary dealers.

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

In November financial institutions concluded 67 transactions in USD-de-

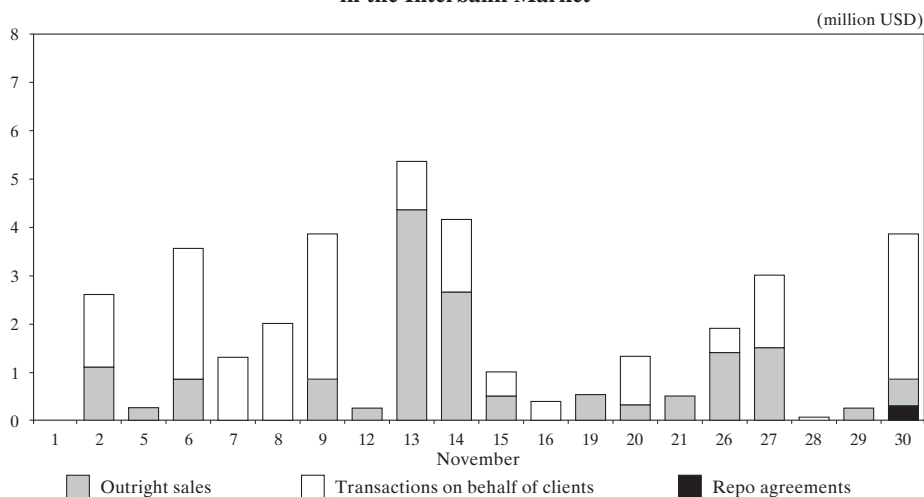
nominated government securities issued as a result of structural reform, totaling USD 36.1 million nominal value. Forty-two outright transactions of USD 15.9 million, one repo agreement of USD 0.3 million and 24 transactions of USD 19.9 million on behalf of clients (under Articles 14, 20 and 21) were concluded.

Eight transactions in EUR-denominated government securities of EUR 5.9 million, including three outright transactions of EUR 1.8 million and five transactions on behalf of clients of EUR 4.1 million, were reported.

Pursuant to Article 14, para. 6 of Regulation No. 5 33 transactions of USD 16.75 million and six transactions of EUR 4.8 million were concluded in the review period.

In November traded volumes in USD-denominated ZUNK bonds increased by 61.6% on the previous month.

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



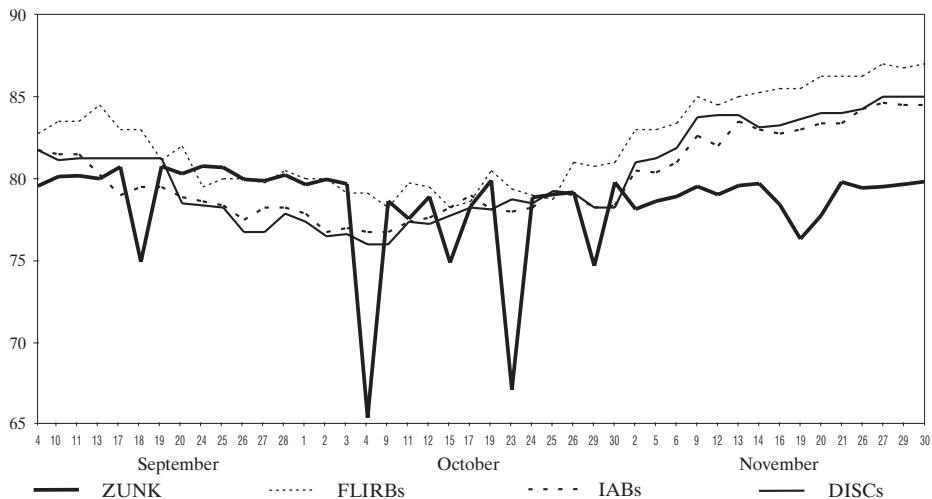
Outright transactions volume stood at the same level and transactions on behalf of clients rose by USD 13.1 million. The average daily trade turnover totaled USD 1.9 million. The average-weighted price for November was USD 79.26 per USD 100 nominal value.

#### Government Securities Repo Agreements in the Interbank Market

In November the volume of repo agreements traded in the secondary interbank market was uneven (Chart 5). It hit highs on 1 November due to the increased demand for resource by commercial banks consistent with minimum reserve requirements regulation with the BNB.

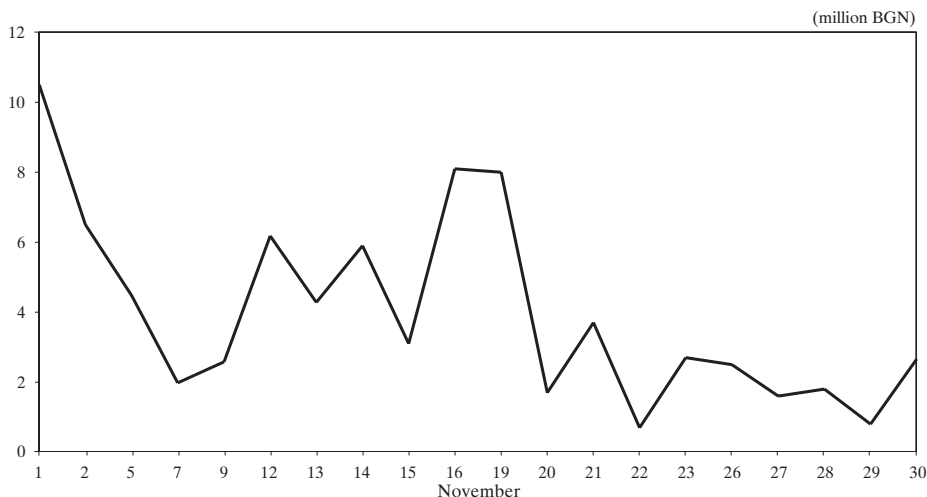
In November the yield on repo agreements in government securities significantly fluctuated. Their average term (in days) increased compared with the previous month and outright transactions volume rose in the review period. The yield on repo agreements in government securities with one-day, three-day, and up to seven days terms (0.37%, 0.30%, 0.50% respectively) was higher than the yield on interbank deposits with the same terms (0.30%, 0.26%, 0.45% respectively). No repo agreements with up to one month term were registered in November. In the review period the yield on repo agreements with up to seven days term was higher than the average-weighted base interest rate for November (Chart 6).

**Price Movements of USD-denominated Government Securities (Issued under ZUNK) in the Interbank Market and Bulgarian Brady Bonds\***



\* Reuters offer quotations for Brady bonds.

**Volume of Repo Agreements in the Secondary Interbank Market**





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

(USD)

Date November	Price		
	Minimum	Maximum	Average-weighted
1	-	-	-
2	76.80	79.00	78.15
5	78.60	80.19	78.64
6	78.83	78.99	78.92
7	-	-	-
8	-	-	-
9	78.89	79.63	79.54
12	79.83	79.83	79.83
13	79.05	79.96	79.59
14	75.00	80.24	79.71
15	78.43	78.43	78.43
16	-	-	-
19	68.14	79.50	76.34
20	76.80	79.30	77.75
21	79.80	79.80	79.80
22	-	-	-
26	79.39	79.50	79.44
27	79.49	79.66	79.52
28	-	-	-
29	79.66	79.66	79.66
30	79.68	79.93	79.82
Monthly	68.14	80.24	79.26

**Note:** Information is based on outright transactions registered by the BNB (with and without flows on settlement accounts), as well as transactions in government securities registered during the current month for participation in privatization.

**Quotations of Bulgarian Brady Bonds\***

(USD)

Date November	DISCs		FLIRBs		IABs	
	Offer	Bid	Offer	Bid	Offer	Bid
1	79.25	78.75	81.50	81.00	80.75	79.75
2	81.00	80.25	83.00	81.50	80.50	80.00
5	81.25	80.88	83.00	81.25	80.38	80.25
6	81.88	81.25	83.38	82.63	81.00	80.50
7	83.00	81.50	85.25	84.38	82.75	81.75
8	83.00	82.75	85.00	84.25	82.50	81.75
9	83.75	83.38	85.00	84.00	82.63	82.25
12	83.88	83.38	84.50	84.00	82.00	81.50
13	83.88	83.38	85.00	84.50	83.50	83.00
14	83.13	82.50	85.25	84.38	83.00	82.00
15	83.00	82.25	85.63	84.63	82.75	82.00
16	83.25	82.63	85.50	84.88	82.75	82.25
19	83.63	82.50	85.50	84.88	83.00	82.50
20	84.00	83.25	86.25	85.38	83.38	83.00
21	84.00	83.13	86.25	85.25	83.38	82.88
23	84.00	83.75	86.25	85.25	83.50	83.25
26	84.25	83.75	86.25	85.75	84.25	78.00
27	85.00	84.50	87.00	85.88	84.63	84.25
28	84.50	84.00	86.75	86.25	84.75	84.00
29	85.00	84.00	86.75	86.25	84.50	84.13
30	85.00	84.13	87.00	86.13	84.50	83.63

\* Reuters quotations.

## Volume and Structure of Government Securities Transactions in the Secondary Interbank Market in November

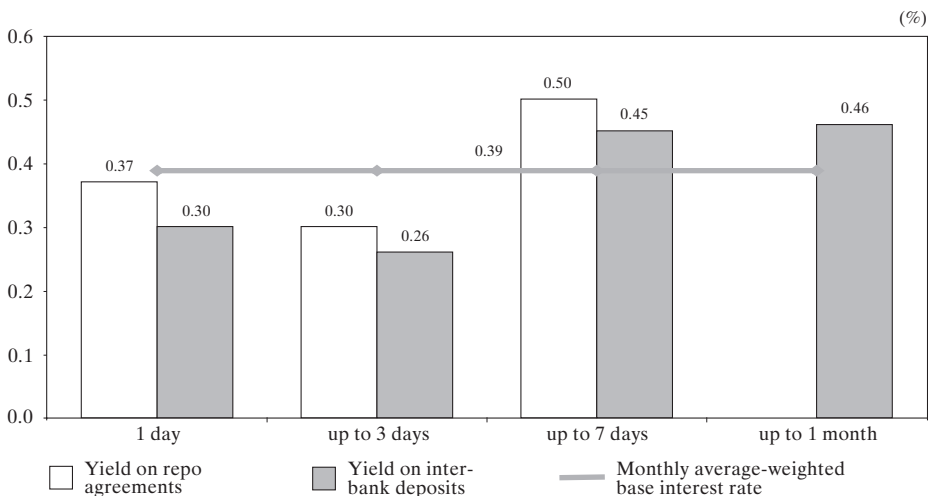
1. Volume of transactions in government securities denominated in levs (million BGN nominal value)	202.09
- repo agreements*	84.20
- outright sales	117.89
- privatization transactions	-
2. Volume of transactions in government securities denominated in US dollars and euro (million BGN nominal value)	39.25
- repo agreements*	0.66
- outright sales	38.58
- privatization transactions	0.01
3. Number of secondary interbank market transactions	262.00
- repo agreements**	81
- outright sales	180
- privatization transactions	1
4. Average term of secondary interbank market repo agreements (days)	5.00
5. Average monthly yield (simple interest) on secondary interbank market repo agreements depending on the term (%)	
1 day	0.37
from 2 to 3 days	0.30
from 4 to 7 days	0.50
up to 1 month	-

\* Volume of reverse repo agreements excluded.

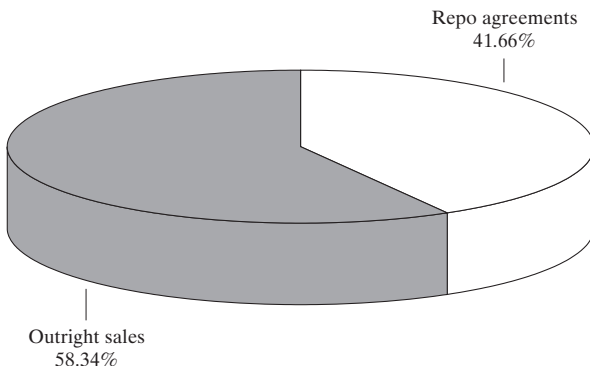
\*\* Number of reverse repo agreements excluded.

Chart 6

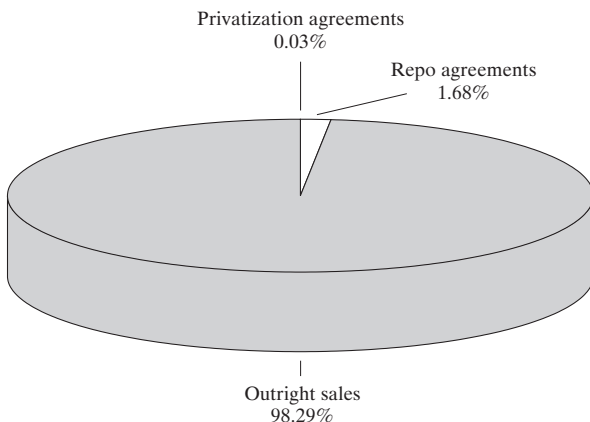
### Yield on Repo Agreements in Government Securities and Interest Rate on Interbank Deposits on a Monthly Basis (November)



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



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



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

	1 day		from 2 to 3 days		from 4 to 7 days		from 8 to 30 days		over 30 days		Total
	Volume	Yield	Volume	Yield	Volume	Yield	Volume	Yield	Volume	Yield	Volume
<b>01.11.2001</b>											
Deposits	73 100	3.83			5 800	4.98			1 580	5.99	80 480
Repo agreements	5 500	4.11			5 000	5.41					10 500
<b>02.11.2001</b>											
Deposits			92 550	3.28	3 000	4.90			389	5.50	95 939
Repo agreements			6 500	3.35							6 500
<b>05.11.2001</b>											
Deposits	78 900	3.33	4 500	3.60	7 055	4.82					90 455
Repo agreements			2 980	3.55	1 500	4.56					4 480
<b>06.11.2001</b>											
Deposits	69 400	3.01	800	3.70	8 600	5.00	4 000	5.30			82 800
Repo agreements											-
<b>07.11.2001</b>											
Deposits	65 450	2.93	1 000	3.40	11 800	4.67	1 000	5.40	500	6.30	79 750
Repo agreements			1 980	3.04							1 980
<b>08.11.2001</b>											
Deposits	54 429	2.78			4 900	3.47	5 400	5.09	6 500	6.06	71 229
Repo agreements											-
<b>09.11.2001</b>											
Deposits			83 300	2.58	1 500	5.13	1 000	5.80	2 000	5.92	87 800
Repo agreements			2 580	3.00							2 580
<b>12.11.2001</b>											
Deposits	77 450	3.09			1 055	6.00	4 000	6.10			82 505
Repo agreements	3 180	3.49			3 000	5.91					6 180
<b>13.11.2001</b>											
Deposits	54 500	3.94	2 440	5.00	17 300	6.01	1 000	5.95			75 240
Repo agreements	4 280	4.02									4 280
<b>14.11.2001</b>											
Deposits	68 575	4.58	1 000	5.60	9 000	6.51					78 575
Repo agreements	3 900	4.50			2 000	6.59					5 900
<b>15.11.2001</b>											
Deposits	72 400	4.23			2 500	6.24			2 000	6.15	76 900
Repo agreements	3 100	4.36									3 100
<b>16.11.2001</b>											
Deposits			62 853	6.07	5 500	6.39	2 500	5.50			70 853
Repo agreements			3 100	6.39	5 000	6.53					8 100
<b>19.11.2001</b>											
Deposits	64 550	5.86	500	6.80	3 055	6.54					68 105
Repo agreements	4 000	6.67			4 000	6.95					8 000
<b>20.11.2001</b>											
Deposits	64 310	6.14	500	6.50	8 500	6.66					73 310
Repo agreements	1 700	6.64									1 700
<b>21.11.2001</b>											
Deposits	51 700	5.40	700	6.20	14 560	6.58					66 960
Repo agreements	700	5.78			3 000	4.33					3 700

(continued)

(continued)

	1 day		from 2 to 3 days		from 4 to 7 days		from 8 to 30 days		over 30 days		Total
	Volume	Yield	Volume	Yield	Volume	Yield	Volume	Yield	Volume	Yield	Volume
<b>22.11.2001</b>											
Deposits	60 832	4.77			600	6.55	1 100	6.11	1 000	6.40	63 532
Repo agreements	700	4.66									700
<b>23.11.2001</b>											
Deposits			51 273	2.84	4 155	5.91	1 500	6.30			56 928
Repo agreements					2 700	5.71					2 700
<b>26.11.2001</b>											
Deposits	67 370	2.47			7 885	5.33			600	6.54	75 855
Repo agreements	500	2.53			2 000	5.27					2 500
<b>27.11.2001</b>											
Deposits	70 595	1.92	5 000	2.20	10 500	4.83	3 000	5.73	1 000	5.70	90 095
Repo agreements	600	2.03			1 000	5.27					1 600
<b>28.11.2001</b>											
Deposits	63 310	1.65	1 000	2.30	16 000	4.64					80 310
Repo agreements	800	1.83			1 000	4.06					1 800
<b>29.11.2001</b>											
Deposits	43 970	1.10			3 800	3.81	1 000	5.25	9 000	3.69	57 770
Repo agreements	800	1.32									800
<b>30.11.2001</b>											
Deposits			64 680	0.61	3 000	3.37	500	4.40	450	5.25	68 630
Repo agreements			2 000	2.03					660	5.58	2 660
<b>Monthly, total</b>											
Deposits	1 100 841		372 096		150 065		26 000		25 019		1 674 021
Repo agreements	29 760		19 140		30 200		-		660		79 760

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

2. Volumes of repo agreements include agreements concluded during the current day.

3. Yield is calculated on an annual basis.

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

## Outright Sales in the Secondary Interbank Market of Government Securities in November

Date	Issue		Nominal value	Currency	Price 100/1000
	No.	Year			
1	97	1994	1 896	USD	79.55
	325	1999	100 000	BGN	105.02
	327	1999	200 000	BGN	104.02
	309	2000	100 000	BGN	110.02
	301	2001	130 000	BGN	112.42
2	325	1999	191 000	BGN	104.75
	303	2000	196 500	BGN	101.78
5	97	1994	1 800	USD	80.19
	301	2001	880 000	BGN	112.47
	305	2001	1 000 000	BGN	101.97
	400	2001	500 000	BGN	96.69
	400	2001	150 000	BGN	96.53
6	-	-	-	-	-
7	123	2001	750 000	BGN	98.87
	123	2001	638 315	BGN	98.86
	110	2001	500 000	BGN	97.59
	303	2000	250 000	BGN	101.85
	308	2000	500 000	BGN	102.38
	303	2001	1 000 000	BGN	105.99
	305	2001	1 000 000	BGN	102.00
	400	2001	1 000 000	BGN	95.86
	8	305	2001	400 000	BGN
400		2001	500 000	BGN	96.75
400		2001	150 000	BGN	96.60
9	303	2001	600 000	BGN	106.01
	305	2001	400 000	BGN	102.52
12	304	2001	300 000	BGN	102.50
	303	2001	1 000 000	BGN	110.31
	303	2001	1 000 000	BGN	110.31
13	301	2000	1 000 000	BGN	106.48
	309	2000	144 110	BGN	109.20
	301	2001	856 453	BGN	111.40
	303	2001	1 000 000	BGN	108.66
	305	2001	740 000	BGN	103.10
14	305	2001	1 000 000	BGN	102.20
	305	2001	500 000	BGN	102.73
15	97	1994	500 000	USD	78.43
	301	2000	1 000 000	BGN	106.78
16	303	2000	1 000 000	BGN	101.88
	304	2000	1 000 000	BGN	101.59
	301	2000	500 000	BGN	106.76
	303	2001	2 000 000	BGN	106.15
19	97	1994	150 000	USD	68.14
	303	2000	1 500 000	BGN	102.00
	306	2000	2 500 000	BGN	100.00
	309	2000	1 000 000	BGN	109.27
	303	2001	600 000	BGN	106.12

(continued)

(continued)

Date	Issue		Nominal value	Currency	Price 100/1000
	No.	Year			
20	302	2000	500 000	BGN	102.30
	302	2000	500 000	BGN	102.30
	302	2001	500 000	BGN	102.16
	400	2001	500 000	BGN	97.68
21	125	2001	100 000	BGN	98.81
	303	2000	196 500	BGN	101.89
	303	2000	1 500 000	BGN	102.03
	300	2001	2 052 000	BGN	105.58
	303	2001	210 000	BGN	106.18
22	300	2001	250 000	BGN	103.90
	301	2001	1 000 000	BGN	110.78
23	302	2000	500 000	BGN	102.30
	303	2000	700 000	BGN	101.89
	304	2000	500 000	BGN	101.56
	301	2001	1 000 000	BGN	111.58
	301	2001	1 000 000	BGN	111.57
26	97	1994	500 000	USD	79.39
	309	2000	250 000	BGN	108.85
27	97	1994	250 000	USD	79.66
	303	2000	1 000 000	BGN	102.05
	304	2000	1 000 000	BGN	101.76
	307	2001	200 000	BGN	100.64
28	121	2001	200 000	BGN	99.56
	301	2001	500 000	BGN	110.96
	301	2001	228 205	BGN	111.00
	307	2001	1 500 000	BGN	101.03
	303	2000	750 000	BGN	102.03
	304	2000	500 000	BGN	101.74
	304	2000	250 000	BGN	101.74
29	303	2000	450 000	BGN	102.22
	301	2000	800 000	BGN	106.83
	301	2001	729 905	BGN	111.17
	301	2001	500 000	BGN	110.98
	400	2001	500 000	BGN	95.02
30	306	1999	500 000	BGN	107.54

**Note:** Information based on outright transactions (with a flow on settlement accounts) registered by the BNB.

## Volume of Government Securities Transactions in the Secondary Market and Securities Transactions in the Bulgarian Stock Exchange and OTC Market

(BGN)

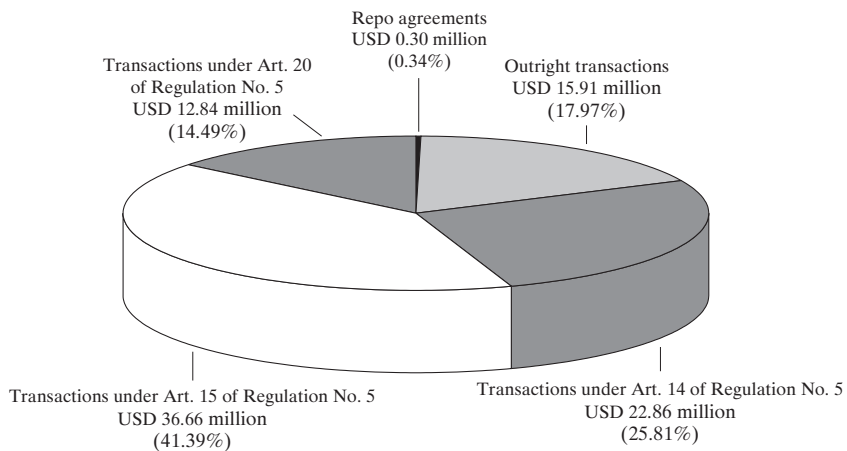
Date November	Repo agreements	Outright sales	Regulation No. 5				Privatization transactions	Transactions in GS, total	Transactions in securities		
			Article 14	Article 15	Article 20	Article 21			BSE	OTC market	Total
1	25 000 000	3 730 471	3 829 473	33 191 316	1 300 000	-	4 101	67 055 361	21 950	-	21 950
2	15 000 000	5 739 863	5 175 940	3 166 302	4 446 878	-	-	33 528 983	28 152	-	28 152
3	21 463 000	6 161 825	3 955 899	10 684 067	-	-	-	42 264 791	35 410	-	35 410
4	2 000 000	2 236 770	11 448 332	9 795 999	3 283 036	-	-	28 764 137	7 686	-	7 686
5	5 930 874	8 688 315	11 400 736	19 922 487	2 440 286	-	-	48 382 698	29 345	-	29 345
8	374 000	1 550 000	5 322 019	7 481 895	4 424 693	-	-	19 152 607	150 152	-	150 152
9	4 560 000	4 354 941	3 369 895	4 480 147	6 539 790	-	-	23 304 773	181 737	-	181 737
10	10 260 000	4 347 545	12 755 439	2 482 500	614 710	-	-	30 460 194	17 176	45 684	62 860
11	7 460 000	18 547 154	7 060 000	8 348 640	1 096 440	-	-	42 512 234	28 211	-	28 211
12	11 950 000	19 465 460	9 665 433	24 684 011	583 334	-	-	66 348 238	30 320	-	30 320
15	8 000 000	2 110 890	1 819 566	6 230 155	1 110 890	-	-	19 271 501	440 574	-	440 574
16	13 249 000	5 500 000	2 000 000	7 664 315	863 225	-	-	29 276 540	139 611	7 906	147 517
17	14 100 000	6 792 959	4 537 300	6 368 177	10 603 884	107 532	-	42 509 851	1 636 749	-	1 636 749
18	9 798 000	4 215 513	2 094 801	3 658 307	2 224 300	-	-	21 990 921	42 217	31 873	74 089
19	7 400 000	8 631 045	2 845 304	11 257 086	291 666	-	-	30 425 101	152 409	-	152 409
22	1 400 000	2 029 242	4 245 018	9 285 608	-	-	-	16 959 868	2 029 954	0	2 029 954
23	8 400 000	3 700 000	5 889 575	2 198 152	-	400 000	-	20 587 727	2 638 274	487	2 638 761
24	6 500 000	4 363 320	8 276 911	12 030 298	1 227 717	-	-	32 398 246	678 451	0	678 451
25	2 100 000	5 527 000	8 389 742	8 396 680	554 500	-	-	24 967 922	37 862	971	38 833
26	5 400 000	30 956 120	10 186 252	10 286 228	733 334	600 000	-	58 161 934	2 130 663	328848	2 459 511
29	1 600 000	4 533 588	6 440 000	101 320	150 000	-	-	12 824 908	5 785	42	5 827
30	5 500 000	3 160 429	3 070 000	2 562 840	7 169 542	-	-	21 462 811	233 872	-	233 872
Total	187 444 874	156 342 449	133 777 634	204 276 530	49 658 226	1 107 532	4 101	732 611 345	10 696 559	415 810	11 112 369
Average volume of government securities transactions*								31 852 667.17			

\* Volume calculated on the basis of 23 operating primary dealers.

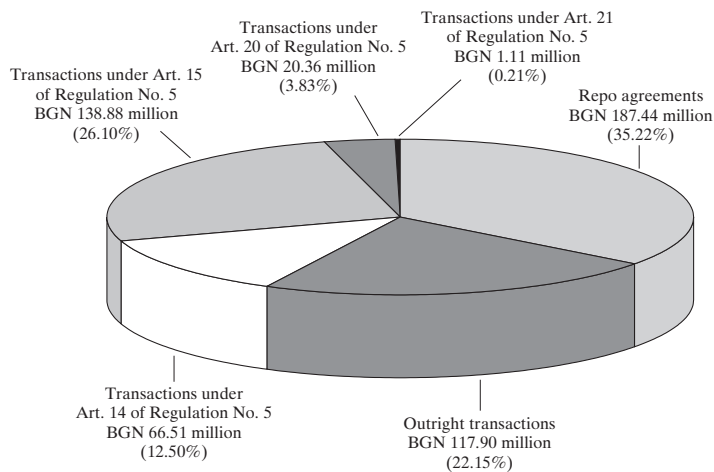
- Notes:**
1. The amount of approved competitive and noncompetitive bids on behalf of companies and individuals of BGN 4,270,000 is included.
  2. The amount of approved bids for participation in government securities auctions on behalf of nonprimary dealers of BGN 450,000 is included.
  3. The volume 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 and EUR-denominated government securities are in levs at the fixed exchange rate.
  6. Banking Department data on the volume of transactions (at market value) in the Bulgarian Stock Exchange and OTC market.



### Volume of November Secondary Market Transactions in USD-denominated Government Securities Issued for Structural Reform



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





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

### Sales of Government Securities Issued under Regulation No. 5 of the MF and BNB, Including Target Issues

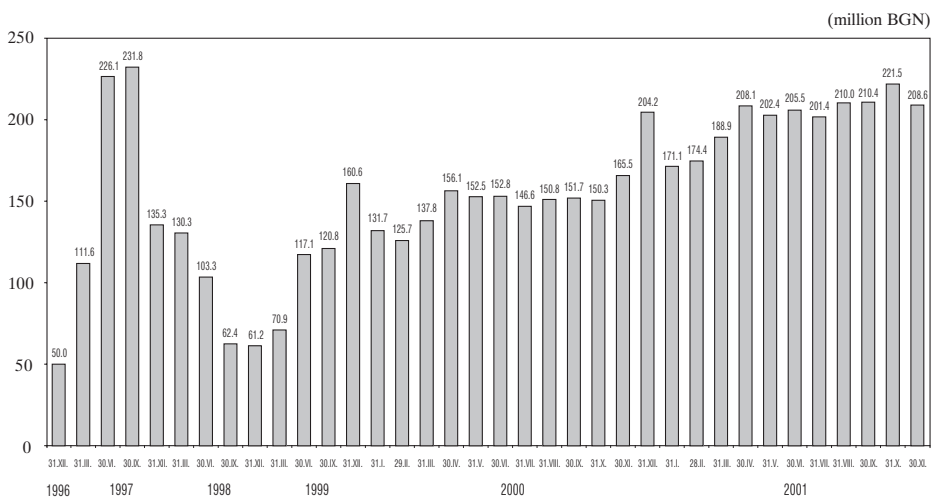
The volume of government securities issued for budget deficit financing and sold to nonbank financial institutions, companies and individuals decreased during the period under review. As of 30 November 2001 these government securities issued under Regulation No. 5 accounted for BGN 208,616 thousand (Chart 11), a decrease of BGN 12,903

thousand, or 5.82% on the previous month. Sales of target government securities earmarked for physical persons accounted for BGN 32,839 thousand (Chart 12), an increase of BGN 279 thousand, or 0.85% on November.

In November sales of government securities issued under Regulation No. 5 included three-month treasury bills of BGN 2,608.6 thousand, one-year treasury bills of BGN 6,445.4 thousand and seven-year treasury bonds of BGN 5,557.7 thousand. One-year trea-

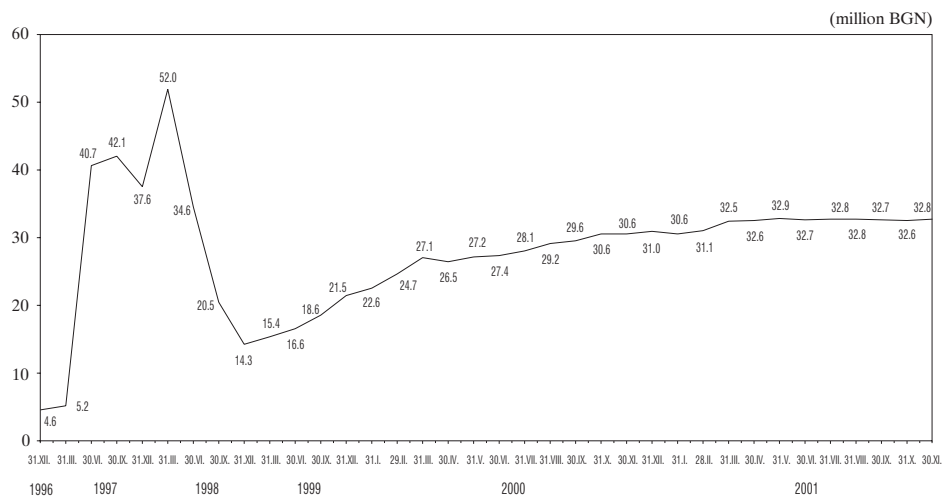
Chart 11

### Investments of Nonbank Financial Institutions, Companies and Individuals in Government Securities Issued under Regulation No. 5



Note: Preliminary data for November 2001.

## Investments in Target Government Securities Earmarked for Individuals



**Note:** Preliminary data for November 2001.

surety bills occupied the largest share in total government securities sales in November: 44.11%.

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

Between 24 October and 20 November 2001<sup>1</sup> the Ministry of Finance offered for sale two issues of savings bonds earmarked for direct sale to physical persons under the following conditions:

- Two-year savings government treasury bonds with fixed annual yield in the

<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.

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 5.5%, the second 6.0%, the third 6.5%, and the fourth 7.0%. 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.

The total amount of target government securities sales registered in November was BGN 1,521.1 thousand nominal value, including BGN 435.1 thousand sold by the BNB (Chart 13).

The decreased share of government securities earmarked for physical persons and sold by the BNB was due to discontinued (since 1 March 2001) government securities sales at the BNB regional cash centers (branches): Varna, Pleven, Plovdiv, Ruse and Haskovo. The change reflected BNB branch network reorganization.

Services to individuals were restored on 12 March 2001 at the branches of the United Bulgarian Bank, which took over sales of target government securities to individuals, name registration of certificate holders and their subsequent service.

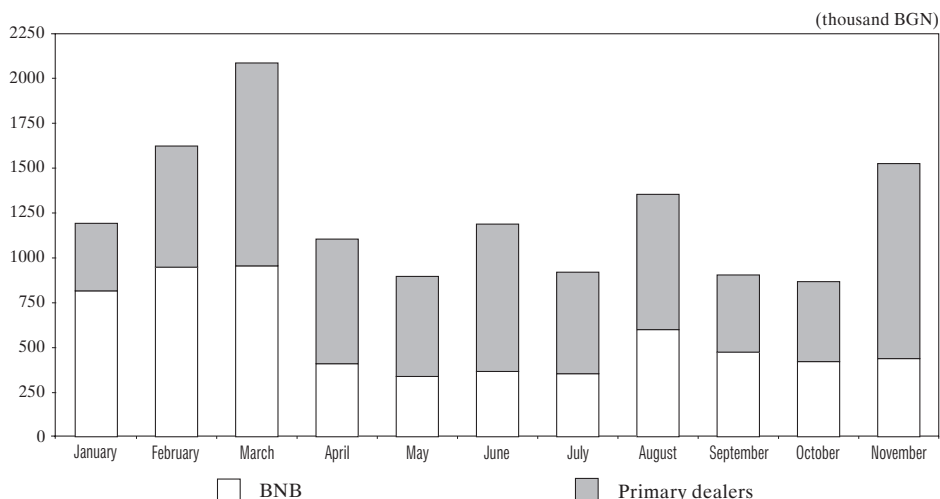
## Investments in Government Securities Issued for Structural Reform

The volume of government securities acquired by individuals, companies and nonbank financial institutions and issued for structural reform decreased in November. As of 30 November 2001 total sales of government securities accounted for BGN 316,807.39 thousand (including sales to foreign investors), a decrease of BGN 27,290.91 thousand, or 7.93%, on October (Chart 15).

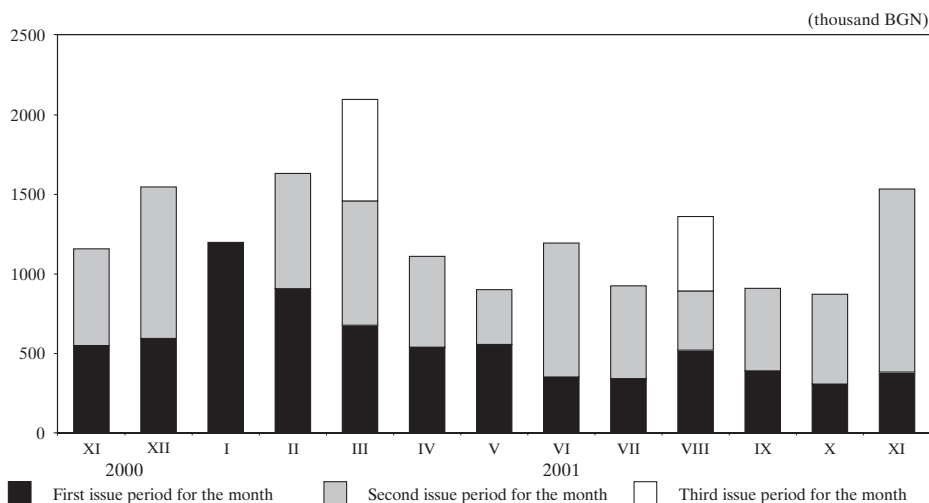
The bulk of government securities issued for structural reform was sold by commercial banks (80.09%) and other financial institutions (19.91%).

Chart 13

### Amount of Government Securities (Earmarked for Physical Persons) Sold by the BNB in Total Volume of Target Government Securities Issued in 2001



### Volume of Target Government Securities Sales to Physical Persons



Lev-denominated government securities held by individuals, companies and nonbank financial institutions totaled BGN 7,153.80 thousand, while USD-denominated government securities issued under ZUNK accounted for BGN 230,951.39 thousand (USD 105.07 million), and EUR-denominated government securities issued for structural reform amounted to BGN 78,702.20 thousand (EUR 40.24 million).

#### Foreign Investments in Government Securities

In November government securities acquired by foreign investors fell by BGN 38,835.52 thousand (28.29%) on the previous month. As of 30 November total volume of foreign investments

in government securities was BGN 98,420.89 thousand (Chart 16).

Sales of government securities issued under Regulation No. 5 for budget deficit financing accounted for BGN 100.

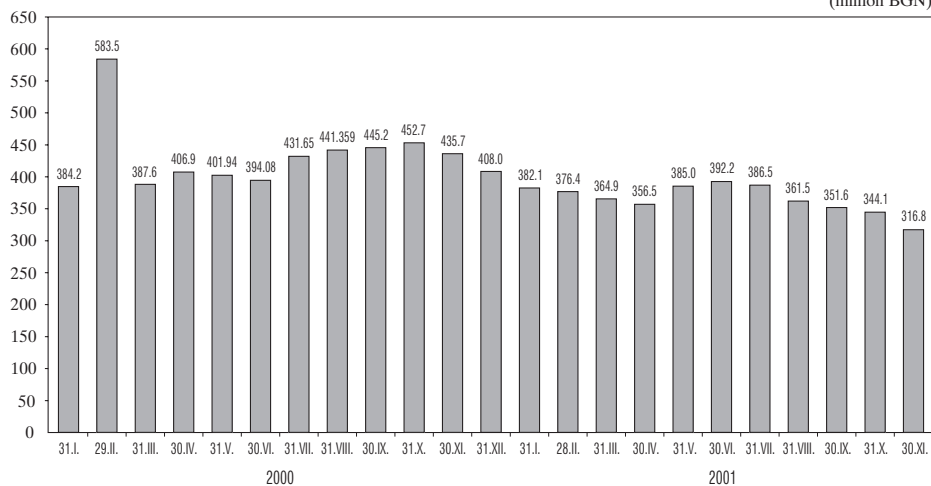
As of 30 November USD-denominated long-term government securities owned by foreign investors amounted to USD 42.39 million (BGN 93.17 million lev equivalent, Chart 17), a decrease of USD 18.3 million on the previous month.

These government securities continued to occupy the highest share in foreign investors' portfolios: 94.67% (Chart 18).

In November the volume of EUR-denominated government securities held by foreign investors remained unchanged: EUR 2.68 million (5.33%) as of 30 November 2001.

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

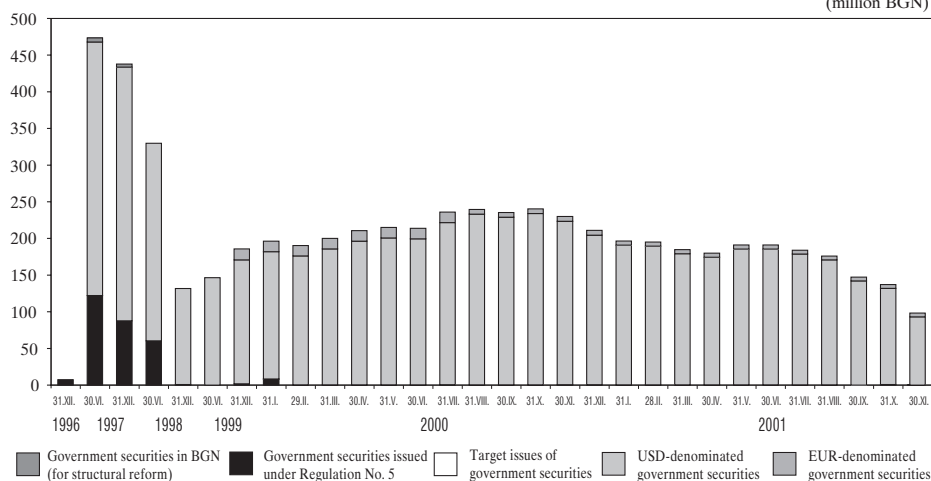
(million BGN)



- Notes:**
1. The lev equivalent of government securities denominated in foreign currency is based on BNB exchange rate at the end of month.
  2. From January 2000 EUR-denominated government securities from issue No. 400 of 1999 are included.
  3. Preliminary data for November 2001.

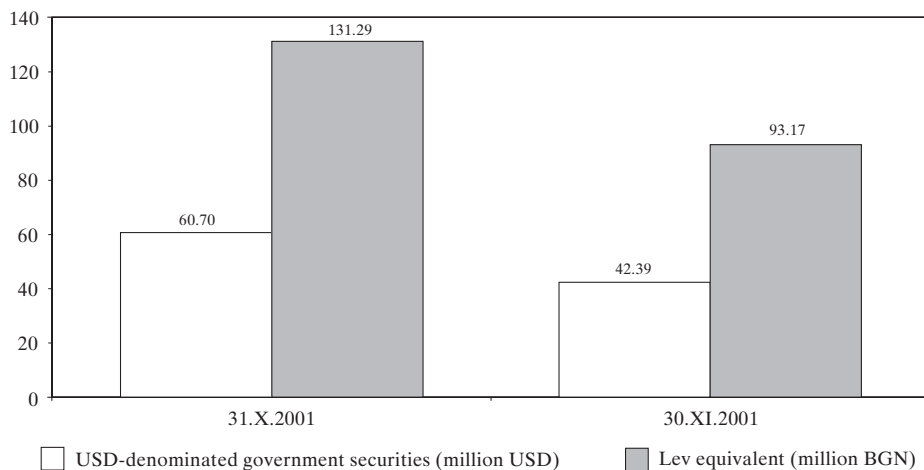
### Government Securities in Foreign Investors' Portfolios

(million BGN)



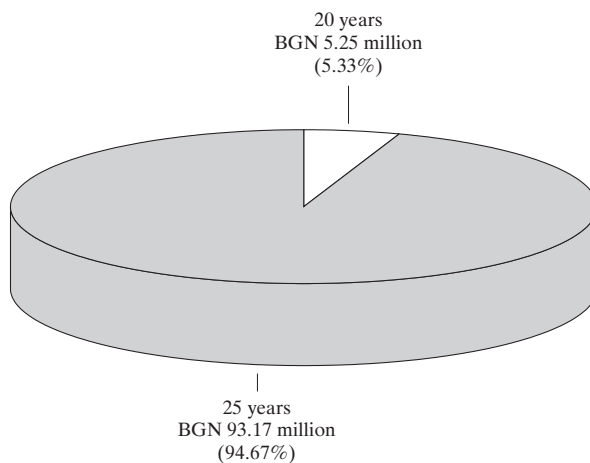
**Note:** Preliminary data for November 2001.

### USD-denominated Government Securities Held by Foreign Investors



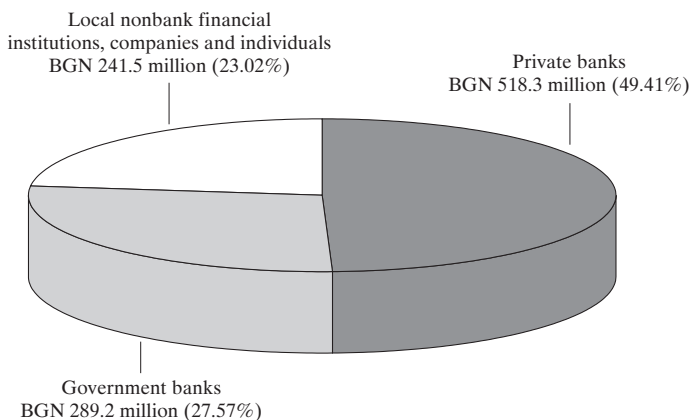
- Notes:** 1. The lev equivalent of USD-denominated government securities is based on BNB exchange rate at the end of month.  
2. Preliminary data for November 2001.

### Volume and Maturity Structure of Government Securities Held by Foreign Investors as of 30 November



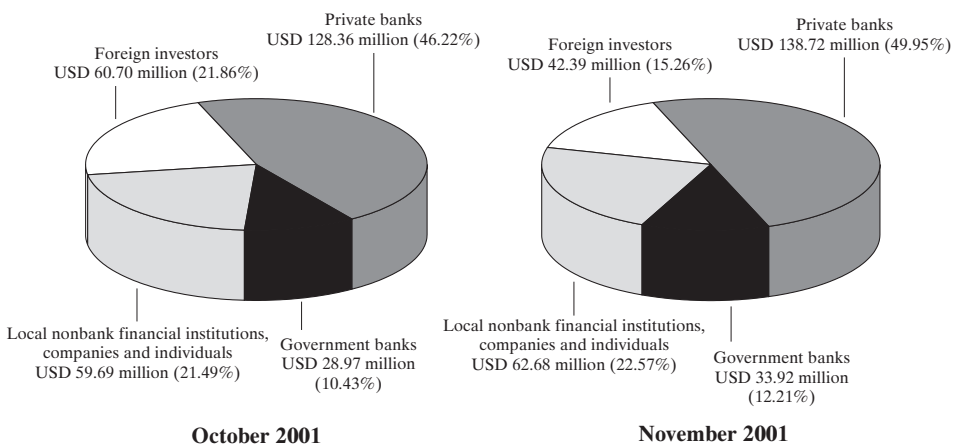
**Note:** Preliminary data.

### Holders of Government Securities Issued under Regulation No. 5 as of 30 November



- Notes:**
1. Including frozen government securities by financial institutions.
  2. Including target issues earmarked for individuals.
  3. Preliminary data.

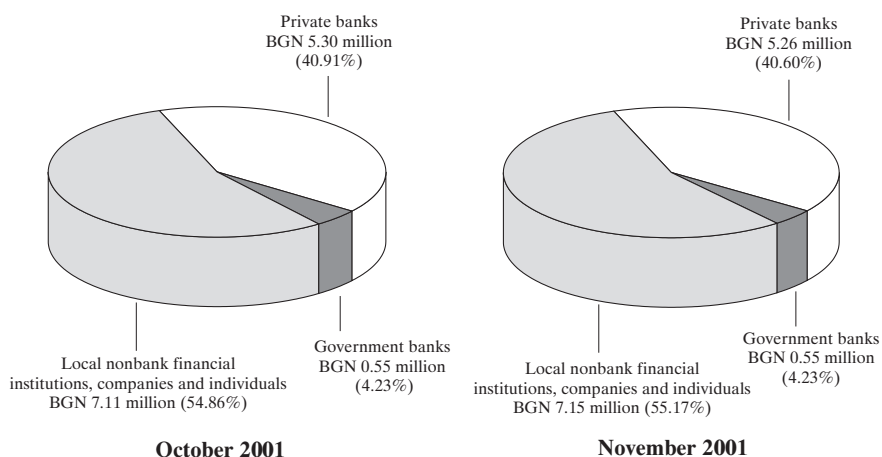
### Holders of USD-denominated Government Securities Issued under ZUNK



- Notes:**
1. Including frozen government securities by financial institutions.
  2. Preliminary data for November 2001.



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



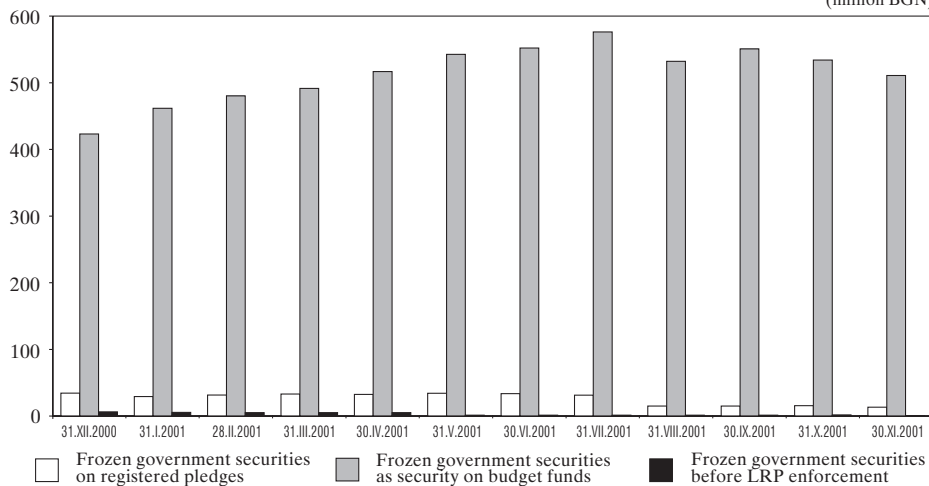
**Notes:** 1. Including frozen government securities by financial institutions.  
2. Preliminary data for November 2001.

## Volume of Frozen Government Securities as of 30 November 2001

Transaction	Government securities issued under Regulation No. 5		Government securities issued for structural reform		
	BGN	USD	BGN	EUR	
Government securities pledges under the Law on Registered Pledges	1 416 098	2 097 579			3 618 545
Frozen government securities as security on budget funds	353 766 825	67 650 408	305 000		3 850 000
Frozen government securities under contracts concluded before enforcement of the Law on Registered Pledges	307 000			130 400	
<b>TOTAL</b>	<b>355 489 923</b>	<b>69 747 987</b>	<b>435 400</b>		<b>7 468 545</b>

### Volume and Structure of Frozen Government Securities

(million BGN)



**Note:** Government securities denominated in foreign currency are recalculated in BGN at end-of-month exchange rate for the respective currency.

## Outstanding Government Securities

### Discount Treasury Bills

Issue No.	BG3010301003	BG3011001008	BG3011701003	BG3011901009	BG3012001007	BG3012101005	BG3012201003	BG3012301001
Issue date	14.02.2001	09.05.2001	08.08.2001	05.09.2001	19.09.2001	03.10.2001	17.10.2001	07.11.2001
Maturity date	14.02.2002	09.05.2002	08.08.2002	05.12.2001	19.12.2001	03.01.2002	17.01.2002	07.02.2002
Nominal value of the offer (thousand BGN)	20 000.00	20 000.00	20 000.00	10 000.00	10 000.00	10 000.00	10 000.00	10 000.00
Total nominal value of the bids received (thousand BGN)	61 610.00	52 400.00	39 000.00	18 600.00	13 898.00	25 137.95	20 975.00	15 810.05
Total nominal value of the bids approved (thousand BGN)	20 000.00	20 000.00	20 000.00	10 000.00	10 000.00	10 000.00	10 000.00	10 000.00
Average price of the bids approved per BGN 100 (%)	95.29	95.28	95.14	98.83	98.81	98.83	98.83	98.83
Average discount per BGN 100 (%)	4.71	4.72	4.86	1.17	1.19	1.17	1.17	1.17
Average annual yield (%)	4.88	4.89	5.04	4.68	4.76	4.63	4.63	4.63
Effective annual yield (%)	4.87	4.88	5.04	4.77	4.85	4.71	4.71	4.71
Coverage coefficient	3.08	2.62	1.95	1.86	1.39	2.51	2.10	1.58

(continued)

Issue No.	BG3012401009	BG3012501006
Issue date	14.11.2001	21.11.2001
Maturity date	14.11.2002	21.02.2002
Nominal value of the offer (thousand BGN)	20 000.00	10 000.00
Total nominal value of the bids received (thousand BGN)	30 300.00	10 745.00
Total nominal value of the bids approved (thousand BGN)	20 000.00	10 000.00
Average price of the bids approved per BGN 100 (%)	95.07	98.79
Average discount per BGN 100 (%)	4.93	1.21
Average annual yield (%)	5.11	4.79
Effective annual yield (%)	5.11	4.88
Coverage coefficient	1.52	1.07

Source: BNB and MF.

## Treasury Bonds

Issue No.	BG2034797121	BG2030798115	BG2030998111	BG2031198117	BG2030699115	BG2030999119	BG2032799111	BG2032899119
Issue date	16.05.1997	30.04.1998	28.05.1998	02.07.1998	31.03.1999	29.04.1999	08.12.1999	22.12.1999
Maturity date	10.05.2002	24.04.2003	22.05.2003	26.06.2003	24.03.2004	22.04.2004	05.12.2001	19.12.2001
Nominal value of the offer (thousand BGN)	20 000.00	1 000.00	2 000.00	2000.00	2 000.00	1 190.00	10 000.00	10 000.00
Total nominal value of the bids received (thousand BGN)	20 000.00	3 605.00	3 440.00	2070.00	2 795.00	1 190.00	40 252.00	37 050.00
Total nominal value of the bids approved (thousand BGN)	20 000.00	1 000.00	2 000.00	2000.00	2 000.00	1 190.00	10 000.00	10 000.00
Average price of the bids approved per BGN 100 (%)	100.00	87.14	84.78	76.20	86.35	78.39	99.60	100.12
Average discount per BGN 100 (%)		12.86	15.22	23.80	13.65	21.61	0.40	
Interest rate	BIR+4	8.00	8.00	7.00	9.00	9.00	9.00	9.00
Coverage coefficient	1.00	3.61	1.72	1.04	1.40	1.00	4.03	3.71

(continued)

(continued)

Issue No.	BG2030000116	BG20301000114 <sup>1</sup>	BG20302000112	BG20303000110	BG2030400118 <sup>2</sup>	BG2030500115 <sup>2</sup>	BG2030600113 <sup>2</sup>	BG2030700111 <sup>2</sup>
Issue date	19.01.2000	09.02.2000	16.02.2000	15.03.2000	05.04.2000	19.04.2000	05.07.2000	19.07.2000
Maturity date	16.01.2002	05.02.2003	13.02.2002	13.03.2002	03.04.2002	16.04.2003	03.07.2002	16.07.2003
Nominal value of the offer (thousand BGN)	28 000.00	50 000.00	28 000.00	28 000.00	50 000.00	30 000.00	50 000.00	30 000.00
Total nominal value of the bids received (thousand BGN)	87 580.00	192 244.60	84 094.00	61 368.00	151 083.50	120 312.85	135 755.00	131 450.00
Total nominal value of the bids approved (thousand BGN)	28 000.00	50 000.00	28 000.00	28 000.00	50 000.00	30 000.00	50 000.00	30 000.00
Average price of the bids approved per BGN 100 (%)	99.74	101.20	100.34	100.10	100.83	100.61	101.16	102.09
Average discount per BGN 100 (%)	0.26							
Interest rate	8.00	9.00	7.00	7.00	7.00	8.00	7.00	8.00
Coverage coefficient	3.13	3.84	3.00	2.19	3.02	4.01	2.72	4.38

(continued)

(continued)

Issue No.	BG2030800119 <sup>3</sup>	BG20309000117 <sup>2</sup>	BG2031000115 <sup>2</sup>	BG2030000114 <sup>3</sup>	BG2030101112 <sup>2</sup>	BG2030201110 <sup>3</sup>	BG2030301118 <sup>2</sup>	BG2030401116 <sup>3</sup>
Issue date	04.10.2000	11.10.2000	18.10.2000	10.01.2001	24.01.2001	11.04.2001	25.04.2001	11.07.2001
Maturity date	02.10.2002	05.10.2005	15.10.2003	10.01.2003	24.01.2006	11.04.2003	25.04.2006	11.07.2003
Nominal value of the offer (thousand BGN)	50 000.00	40 000.00	30 000.00	50 000.00	60 000.00	50 000.00	60 000.00	50 000.00
Total nominal value of the bids received (thousand BGN)	126 512.50	113 365.10	110 383.00	121 965.00	253 630.14	95 565.00	165 396.00	87 163.00
Total nominal value of the bids approved (thousand BGN)	50 000.00	40 000.00	30 000.00	50 000.00	60 000.00	50 000.00	60 000.00	50 000.00
Average price of the bids approved per BGN 100 (%)	101.88	100.35	102.15	101.61	105.02	102.34	104.91	101.24
Average discount per BGN 100 (%)								
Interest rate	7.00	9.00	7.50	6.50	9.00	6.50	8.00	6.00
Coverage coefficient	2.53	2.83	3.68	2.44	4.23	1.91	2.76	1.74

(continued)

(continued)

Issue No.	BG2030501113 <sup>2</sup>	BG2030601111 <sup>4</sup>	BG2030701119 <sup>5</sup>	BG2040001211 <sup>6</sup>
Issue date	25.07.2001	10.10.2001	24.10.2001	31.10.2001
Maturity date	25.07.2006	10.10.2003	24.10.2006	31.10.2008
Nominal value of the offer (thousand BGN)	60 000.00	25 000.00	40 000.00	30 000.00
Total nominal value of the bids received (thousand BGN)	140 070.00	38 600.00	98 800.00	53 672.00
Total nominal value of the bids approved (thousand BGN)	60 000.00	25 000.00	40 000.00	18 930.00
Average price of the bids approved per BGN 100 (%)	101.01	100.62	100.62	95.45
Average discount per BGN 100 (%)				4.55
Interest rate	7.00	6.00	7.00	7.50
Coverage coefficient	2.33	1.54	2.47	2.84

<sup>1</sup> The above price is a result of the four auctions organized for sale of this issue and includes the interest accrued as of the dates of the auctions.

<sup>2</sup> The above price is a result of the three auctions organized for sale of this issue and includes the interest accrued as of the dates of the auctions.

<sup>3</sup> The above price is a result of the two auctions organized for sale of this issue and includes the interest accrued as of the dates of the auctions.

<sup>4</sup> The total volume of the issue is BGN 50,000 thousand; the MF will sell the remaining portion on an auction principle.

<sup>5</sup> The total volume of the issue is BGN 60,000 thousand; the MF will sell the remaining portion on an auction principle. The above price is a result of the two auctions organized for sale of this issue and includes the interest accrued as of the dates of the auctions.

<sup>6</sup> The total volume of the issue is BGN 30,000 thousand; the MF will sell the remaining portion on an auction principle.

Source: BNB and MF.



## Guaranty Government Securities

Issue No.	BG2040296225	BG2040396223	BG2040596228	BG2044397227	BG2047397224	BG2047597229	BG2047697227
Issue date	05.06.1996	12.06.1996	27.06.1996	18.08.1997	22.10.1997	22.10.1997	05.11.1997
Maturity date	28.05.2003	04.06.2003	19.06.2003	09.08.2004	13.10.2004	13.10.2004	27.10.2004
Principal (thousand BGN)	1714.29	1811.06	226.59	12 677.91	1398.31	4555.87	6209.87
Interest rate	BIR	BIR	BIR	BIR	BIR	BIR	BIR
Interest payments	semiannual	semiannual	semiannual	semiannual	semiannual	semiannual	semiannual
Repayments	equal annual	equal annual	equal annual	equal annual	equal annual	equal annual	equal annual
Maturity (in years)	7	7	7	7	7	7	7

In compliance with Article 8 and Article 9, para. 1, item 1 of the Law on State Protection of Deposits and Accounts with Commercial Banks in Respect Whereof the BNB Has Petitioned the Institution of Bankruptcy Proceedings (State Gazette, issue 46 of 29 May 1996; amended, issue 90 of 24 October 1996, effective as of 24 October 1996), the Ministry of Finance issues lev guaranty government securities. These are issued under the following conditions:

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

The Law on Bank Deposit Guaranty (published in the State Gazette, issue 49 of 29 April of 1998) repeals 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 before 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 30 November 2001.

Source: BNB and 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 annual installments	20 equal annual installments	20 equal annual installments	20 equal annual installments	20 equal annual installments	6 equal semiannual installments
Principal (thousand)	2751.73 (BGN)	2034.93 (BGN)	7339.74 (BGN)	277 706.76 (USD)	831.68 (BGN)	1553.38 (BGN)
Interest payments	semiannual	semiannual	semiannual	semiannual	annual	semiannual
Interest	BIR+1	BIR	BIR	LIBOR*	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 30 November 2001.

Pursuant to CM Decree No. 221 of 1995 holders of long-term government bonds issued under ZUNK, negotiated until 31 December 1990, 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: BNB and MF.

## EUR-denominated Government Securities

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Issue No.	BG2040099223
Issue date	01.07.1999
Maturity date	01.01.2019
Principal (thousand EUR)	60 606.27
Interest rate	EURIBOR*
Interest payments dates	semiannual
Repayments	20 equal annual installments

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.

\* 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.

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

The principal of issue BG 2040099223 is based on actual data as of 30 November 2001.

Source: BNB and MF.

## Government Securities Issued in 2001

### Discount Government Securities Issued under Regulation No. 5 of the MF and BNB (Treasury Bills)

ISSUES					Amount offered by the MF (thousand BGN)	BIDS RECEIVED					BIDS APPROVED						
No.	Auction date	Issue date	Maturity date	Number of days		Nominal value (thousand BGN)	Average price per BGN 100 nominal value	Average yield*			Nominal value (thousand BGN)	Price per BGN 100 nominal value			Average yield*		
								Up to maturity %	Annual %	Effective annual %		Minimum	Maximum	Average	Up to maturity %	Annual %	Effective annual %
BG 30 100 01009	02.01.2001	03.01.2001	03.04.2001	90	10 000.00	21 375.00	98.87	1.14	4.57	4.65	10 000.00	98.87	98.93	98.88	1.13	4.53	4.61
BG 30 101 01007	15.01.2001	17.01.2001	17.04.2001	90	10 000.00	19 500.00	98.92	1.09	4.37	4.44	10 000.00	98.90	98.99	98.94	1.07	4.29	4.35
BG 30 102 01005	05.02.2001	07.02.2001	07.05.2001	89	10 000.00	22 292.67	99.00	1.01	4.09	4.15	10 000.00	99.02	99.07	99.03	0.98	3.96	4.02
BG 30 104 01001	19.02.2001	21.02.2001	21.05.2001	89	10 000.00	13 304.20	98.95	1.06	4.29	4.36	10 000.00	98.90	99.02	98.97	1.04	4.21	4.28
BG 30 105 01008	05.03.2001	07.03.2001	07.06.2001	92	10 000.00	19 575.06	98.94	1.07	4.19	4.26	10 000.00	98.94	99.04	98.95	1.06	4.15	4.22
BG 30 106 01006	19.03.2001	21.03.2001	21.06.2001	92	10 000.00	22 600.00	98.94	1.07	4.19	4.26	10 000.00	98.94	98.99	98.95	1.06	4.15	4.22
BG 30 107 01004	02.04.2001	04.04.2001	04.07.2001	91	10 000.00	17 440.05	98.92	1.09	4.32	4.39	10 000.00	98.91	98.98	98.94	1.07	4.24	4.31
BG 30 108 01002	17.04.2001	18.04.2001	18.07.2001	91	10 000.00	15 835.00	98.87	1.14	4.52	4.60	10 000.00	98.87	98.95	98.91	1.10	4.36	4.43
BG 30 109 01000	27.04.2001	02.05.2001	02.08.2001	92	10 000.00	18 400.00	98.87	1.14	4.47	4.55	10 000.00	98.86	98.96	98.89	1.12	4.39	4.46
BG 30 111 01006	14.05.2001	16.05.2001	16.08.2001	92	10 000.00	17 087.81	98.85	1.16	4.55	4.63	10 000.00	98.86	98.94	98.87	1.14	4.47	4.55
BG 30 112 01004	04.06.2001	06.06.2001	06.09.2001	92	10 000.00	18 650.00	98.86	1.15	4.51	4.59	10 000.00	98.86	98.92	98.87	1.14	4.47	4.55
BG 30 113 01002	18.06.2001	20.06.2001	20.09.2001	92	10 000.00	15 025.00	98.86	1.15	4.51	4.59	10 000.00	98.85	98.90	98.87	1.14	4.47	4.55
BG 30 114 01000	02.07.2001	04.07.2001	04.10.2001	92	10 000.00	20 175.00	98.86	1.15	4.51	4.59	10 000.00	98.86	98.90	98.87	1.14	4.47	4.55
BG 30 115 01007	16.07.2001	18.07.2001	18.10.2001	92	10 000.00	18 400.00	98.81	1.20	4.71	4.80	10 000.00	98.80	98.88	98.85	1.16	4.55	4.63
BG 30 116 01005	30.07.2001	01.08.2001	01.11.2001	92	10 000.00	16 175.05	98.81	1.20	4.71	4.80	10 000.00	98.79	98.88	98.84	1.17	4.59	4.67
BG 30 118 01001	13.08.2001	15.08.2001	15.11.2001	92	10 000.00	15 355.00	98.79	1.22	4.79	4.88	10 000.00	98.79	98.84	98.80	1.21	4.75	4.84
BG 30 119 01009	03.09.2001	05.09.2001	05.12.2001	91	10 000.00	18 600.00	98.81	1.20	4.76	4.85	10 000.00	98.79	98.88	98.83	1.18	4.68	4.77
BG 30 120 01007	17.09.2001	19.09.2001	19.12.2001	91	10 000.00	13 898.00	98.76	1.26	4.97	5.06	10 000.00	98.75	98.85	98.81	1.20	4.76	4.85
BG 30 121 01005	01.10.2001	03.10.2001	03.01.2002	92	10 000.00	25 137.95	98.81	1.20	4.71	4.80	10 000.00	98.82	98.88	98.83	1.18	4.63	4.71
BG 30 122 01003	15.10.2001	17.10.2001	17.01.2002	92	10 000.00	20 975.00	98.80	1.21	4.75	4.84	10 000.00	98.82	98.88	98.83	1.18	4.63	4.71
BG 30 123 01001	05.11.2001	07.11.2001	07.02.2002	92	10 000.00	15 810.05	98.81	1.20	4.71	4.80	10 000.00	98.81	98.87	98.83	1.18	4.63	4.71
BG 30 125 01006	19.11.2001	21.11.2001	21.02.2002	92	10 000.00	10 745.00	98.79	1.22	4.79	4.88	10 000.00	98.70	98.86	98.79	1.22	4.79	4.88
Three-month issues, total					220 000.00	396 355.84					220 000.00						

(continued)

(continued)

No.	ISSUES				Amount offered by the MF (thousand BGN)	BIDS RECEIVED					BIDS APPROVED							
	Auction date	Issue date	Maturity date	Number of days		Nominal value (thousand BGN)	Average price per BGN 100 nominal value	Average yield*		Nominal value (thousand BGN)	Price per BGN 100 nominal value		Average yield*					
								Up to maturity %	Annual %		Effective annual %	Mini-mum	Maximum	Average	Up to maturity %	Annual %	Effective annual %	
BG 30 103 01003	12.02.2001	14.02.2001	14.02.2002	365	20 000.00	61 610.00	95.16	5.09	5.02	5.01	20 000.00	95.23	95.38	95.29	4.94	4.88	4.87	
BG 30 110 01008	07.05.2001	09.05.2001	09.05.2002	365	20 000.00	52 400.00	95.13	5.12	5.05	5.05	20 000.00	95.19	95.40	95.28	4.95	4.89	4.88	
BG 30 117 01003	06.08.2001	08.08.2001	08.08.2002	365	20 000.00	39 000.00	94.94	5.33	5.26	5.25	20 000.00	94.97	95.32	95.14	5.11	5.04	5.04	
BG 30 124 01009	12.11.2001	14.11.2001	14.11.2002	365	20 000.00	30 300.00	94.92	5.35	5.28	5.28	20 000.00	94.85	95.21	95.07	5.19	5.11	5.11	
One-year issues, total					80 000.00	183 310.00						80 000.00						
Total					300 000.00	579 665.84						300 000.00						

\* According to the methodology applied by the MF and the yield convention (ACT/360) adopted as of 1 January 2001, the yield on treasury bills is calculated using the following formulae:

$$EAY = [(1 + YM/100)^n - 1] \times 100$$

where

YM – yield to maturity;

D – discount;

P – price per BGN 100 nominal value;

AY – annual yield;

n (number of periods in one year) = 360 (number of days in one year)/number of days from issue date (incl.) to maturity day;

EAY – effective annual yield.

## Interest-bearing Government Securities Issued under Regulation No. 5 of the MF and BNB (Treasury Bonds)

No.	ISSUES						Interest rate offered by the MF	Amount offered by the MF		BIDS RECEIVED		BIDS APPROVED				Average effective annual yield (%)	
	Auction date	Issue date	Open date of payment	Maturity date	Interest payments date	Number of days		Total volume (thousand BGN)	Auction volume (thousand BGN)	Nominal value (thousand BGN)	Average price per BGN 100 nominal value	Nominal value (thousand BGN)	Price per BGN 100 nominal value				
													Mini-mum	Maxi-mum	Average		
BG 20 300 01114	08.01.2001	10.01.2001	10.01.2001	10.01.2003	10.07.2001 10.01.2002 10.07.2002 10.01.2003	730	6.5	50 000.00	25 000.00	57 800.00	100.56	25 000.00	100.71	101.17	100.86	6.04	
BG 20 300 01114**	12.03.2001	10.01.2001	14.03.2001	10.01.2003				25 000.00	64 165.00	102.15	25 000.00	102.23	102.65	102.36			
BG 20 302 01110	09.04.2001	11.04.2001	11.04.2001	11.04.2003	11.10.2001 11.04.2002 11.10.2002 11.04.2003	730	6.5	50 000.00	25 000.00	54 800.00	101.54	25 000.00	101.51	102.63	101.88	5.49	
BG 20 302 01110**	11.06.2001	11.04.2001	13.06.2001	11.04.2003				25 000.00	40 765.00	102.53	25 000.00	102.48	103.35	102.79			
BG 20 304 01116	09.07.2001	11.07.2001	11.07.2001	11.07.2003	11.01.2002 11.07.2002 11.01.2003 11.07.2003	730	6.0	50 000.00	25 000.00	54 800.00	100.64	25 000.00	100.66	101.31	100.85	5.55	
BG 20 304 01116**	10.09.2001	11.07.2001	12.09.2001	11.07.2003				25 000.00	32 363.00	101.51	25 000.00	101.37	101.94	101.62			
BG 20 306 01111	08.10.2001	10.10.2001	10.10.2001	10.10.2003	10.04.2002 10.10.2002 10.04.2003 10.10.2003	730	6.0	50 000.00	25 000.00	38 600.00	100.51	25 000.00	100.47	100.85	100.62	5.67	
<b>Two-year issues, total</b>								<b>200 000.00</b>	<b>175 000.00</b>	<b>343 293.00</b>		<b>175 000.00</b>					
<b>Three-year issues, total</b>								<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		<b>0.00</b>					
BG 20 301 01112	22.01.2001	24.01.2001	24.01.2001	24.01.2006	24.07.2001 24.01.2002 24.07.2002 24.01.2003 24.07.2003 24.01.2004 24.07.2004	1826	9.0	60 000.00	20 000.00	95 924.14	100.78	20 000.00	101.24	103.23	101.65	8.59	

(continued)

(continued)

No.	ISSUES							Interest rate offered by the MF	Amount offered by the MF		BIDS RECEIVED		BIDS APPROVED				
	Auction date	Issue date	Open date of payment	Maturity date	Interest payments date	Number of days	Total volume (thousand BGN)		Auction volume (thousand BGN)	Nominal value (thousand BGN)	Average price per BGN 100 nominal value	BGN 100 nominal value		Average effective annual yield (%)			
												Mini-mum	Maxi-mum		Average		
BG 20 301 0112**	26.02.2001	24.01.2001	28.02.2001	24.01.2006	24.01.2006		20 000.00	20 000.00	87 276.00	104.50	105.17	106.50	105.46				
BG 20 301 0112**	26.03.2001	24.01.2001	28.03.2001	24.01.2006			20 000.00	20 000.00	70 430.00	106.81	107.28	109.62	107.95				
BG 20 303 0118	23.04.2001	25.04.2001	25.04.2001	25.04.2006		1826	60 000.00	20 000.00	55 846.00	102.16	102.55	104.37	103.61			7.13	
BG 20 305 0118**	21.05.2001	25.04.2001	23.05.2001	25.04.2006			20 000.00	20 000.00	60 050.00	104.54	104.83	105.91	105.09				
BG 20 305 0118**	25.06.2001	25.04.2001	27.06.2001	25.04.2006			20 000.00	20 000.00	49 500.00	105.60	105.77	106.51	106.02				
BG 20 305 0113	23.07.2001	25.07.2001	25.07.2001	25.07.2006		1826	60 000.00	20 000.00	51 650.00	100.24	100.38	102.20	100.79			6.81	
BG 20 305 0113**	20.08.2001	25.07.2001	22.08.2001	25.07.2006			20 000.00	20 000.00	41 950.00	99.42	99.78	101.36	100.64				
BG 20 305 0113**	24.09.2001	25.07.2001	26.09.2001	25.07.2006			20 000.00	20 000.00	46 470.00	100.98	101.08	102.83	101.61				

(continued)

No.	ISSUES						Interest rate offered by the MF	Amount offered by the MF		BIDS RECEIVED		BIDS APPROVED				
	Auction date	Issue date	Open date of payment	Maturity date	Interest payments date	Number of days		Total volume (thousand BGN)	Auction volume (thousand BGN)	Nominal value (thousand BGN)	Average price per BGN 100 nominal value	Nominal value (thousand BGN)	BGN 100 nominal value	Price per BGN 100 nominal value	Average effective annual yield (%)	
													Mini-mum	Maxi-mum		
BG 20 307 01119*	22.10.2001	24.10.2001	24.10.2001	24.10.2006	24.04.2002	1826	60 000.00	20 000.00	20 000.00	43 400.00	99.74	20 000.00	99.86	100.88	100.22	6.95
					24.10.2002											
					24.04.2003											
					24.10.2003											
					24.04.2004											
					24.10.2004											
					24.04.2005											
					24.10.2005											
					24.04.2006											
					24.10.2006											
BG 20 307 01119**	26.11.2001	24.10.2001	28.11.2001	24.10.2006												
<b>Five-year issues, total</b>							<b>240 000.00</b>	<b>220 000.00</b>	<b>20 000.00</b>	<b>55 400.00</b>	<b>100.19</b>	<b>20 000.00</b>	<b>100.58</b>	<b>101.57</b>	<b>101.03</b>	
BG 20 400 01211***	29.10.2001	31.10.2001	31.10.2001	31.10.2008	30.04.2002	2557	30 000.00	30 000.00	30 000.00	53 672.00	93.07	18 930.00	94.70	100.00	95.45	8.37
					31.10.2002											
					30.04.2003											
					31.10.2003											
					30.04.2004											
					31.10.2004											
					30.04.2005											
					31.10.2005											
					30.04.2006											
					31.10.2006											
					30.04.2007											
					31.10.2007											
					30.04.2008											
					31.10.2008											
<b>Seven-year issues, total</b>							<b>30 000.00</b>	<b>30 000.00</b>	<b>30 000.00</b>	<b>53 672.00</b>		<b>18 930.00</b>				
<b>Total</b>							<b>470 000.00</b>	<b>425 000.00</b>	<b>1 054 861.14</b>			<b>413 930.00</b>				

\* According to the methodology applied by the MF and yield convention (ACT/ACT) adopted as of 1 January 2001, the calculation of the effective annual yield is based on yield function (YIELD) built in MICROSOFT EXCEL.

\*\* Above prices include interest accrued as of the open date of the issue. Therefore, no average effective annual yield is published.

\*\*\* Government securities offered for sale by the MF from issue BG 20 400 01211 totaled BGN 30,000 thousand.





## SALES OF GOVERNMENT SECURITIES FOR PARTICIPATION IN PRIVATIZATION TRANSACTIONS

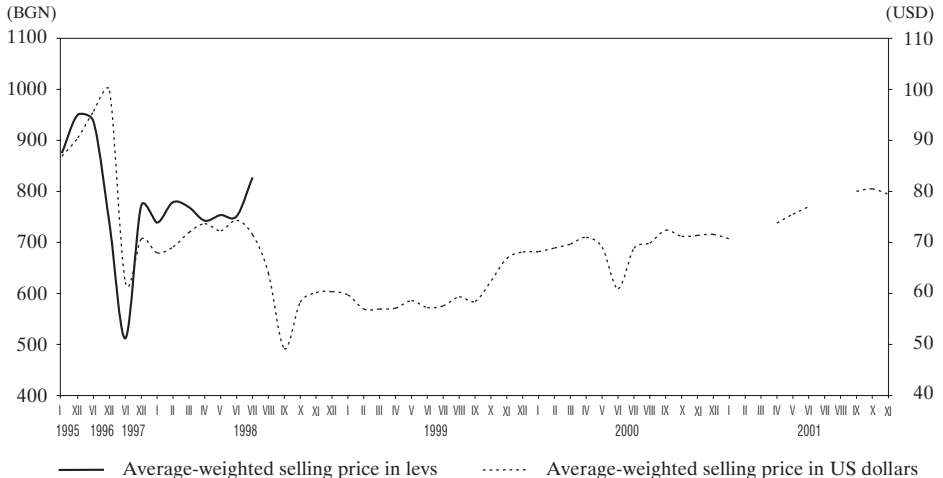
In November one transfer transaction in government securities to the MF account, issued for structural reform, totaling USD 1,896, to be used as legal tender in privatization transactions, was registered.

Long-term government bonds issued under Article 5 of ZUNK pursuant to

Article 1 of the Regulation on the procedure for utilization of long-term government bonds 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), totaling USD 13,100, were sold and matured in November.

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**



## 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.	Total
I. Government securities in BGN (thousand BGN)	1994					19.20	0.10	501.40	110.70	177.00	76.70	609.80	28.30	1523.20
	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
	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	-	11.47	-	-	4379.23
	1999	-	-	-	-	-	-	-	-	-	-	-	-	-
	2000	-	-	6.90	-	-	-	-	-	-	-	-	-	6.90
	2001	2.79	-	-	-	-	-	-	-	-	-	-	-	2.79
II. Government securities in USD (million USD)	1994						0.80	0.10	0.10	0.90	1.70	-	3.90	7.50
	1995	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
	1996	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
	1997	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
	1998	9.50	1.61	5.34	0.67	0.61	0.21	0.66	0.03	0.04	2.00	0.03	0.04	20.74
	1999	0.02	0.01	0.01	0.01	0.03	0.01	0.04	0.01	-	0.01	-	0.003	0.14
	2000	0.003	-	0.02	0.04	0.01	0.004	-	-	0.002	0.001	0.002	-	0.08
III. Government securities in EUR (thousand EUR)	1999							-	2.79	-	-	-	-	2.79
	2000	-	4.05	-	-	-	-	-	-	-	-	-	-	4.05
	2001	-	-	-	-	-	-	-	-	-	-	-	-	-

- 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.
  3. Government securities in EUR include long-term government bonds from Issue No. 400 of 1999 denominated in euro and issued pursuant to § 10 of the Transitional and Final Provisions of 1999 SBL of the Republic of Bulgaria.



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

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## LIST

of government securities primary dealers approved by the Minister of Finance  
and the Governor of the Bulgarian National Bank pursuant to  
Article 4, para. 1 of Regulation No. 5 of the MF and BNB  
until 31 December 2001

BIOCHIM COMMERCIAL BANK	CBBB 01-03
BNP – PARIBAS (BULGARIA)	BSBD 01-03
BULBANK	BGTB 01-03
BULBROKERS	BULB 01-03
BULGARIA-INVEST COMMERCIAL BANK	BGIN 01-03
BULGARIAN POST BANK	BPBB 01-03
CENTRAL COOPERATIVE BANK	SCCB 01-03
CITIBANK N. A.	CSOF
DSK BANK	SSBG 01-03
ECONOMIC AND INVESTMENT BANK	RIBB 01-03
ELANA	ELAN 01-03
EVROBANK	EBSF 01-03
EUROFINANCE	EUFI 01-03
FIRST INVESTMENT BANK	BFIB 01-03
ING BANK	INBS 01-03
MUNICIPAL BANK	SMBK 01-03
NEFTINVESTBANK	OBGG 01-03
RAIFFEISENBANK (BULGARIA)	RBBS 01-03
ROSEXIMBANK	REBS 01
SG EXPRESSBANK	EBVB 01
SII INVEST	SIIB 01
UNIONBANK	UNBS 01-03
UNITED BULGARIAN BANK	UBBB 01-03

**NONPRIMARY DEALERS OF GOVERNMENT SECURITIES  
WITH REGISTERS AT THE BNB UNDER § 6 OF THE ADDITIONAL  
PROVISIONS OF REGULATION No. 5 OF THE MF AND BNB**

HEBROS COMMERCIAL BANK AGBG 01-03  
ENCOURAGEMENT BANK

SUMMARIZED QUOTATION PAGES BGTSY=  
BGZUNK=  
BGTSYM=

BNB pages containing information on the government  
securities interbank market BGBNB 5  
BGBNB 6  
BGBNB 9

BNB pages containing information on average-weighted prices  
of traded government securities issues BGBNB 10  
BGBNB 11  
BGBNB 12  
BGBNB 13

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