# MINISTRY OF FINANCE

# ANNEX TO ANNUAL REPORT 2002 PUBLIC DEBT

WARSAW AUGUST 2003

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# 1. LEGAL FRAMEWORK OF THE TREASURY SECURITIES (TS) ISSUE

The basic act governing the conditions of issuing Treasury Securities is the Public Finance Act of November 26<sup>th</sup>, 1998 (Journal of Laws No. 155, item 1014 as subsequently amended). Under this Act, only the Minister of Finance is authorized to issue Treasury Securities providing cash benefits - other TS can be issued by the Minister of Treasury in consultation with the Minister of Finance.

Treasury Securities are classified according their maturity as follows:

- a) short-term securities Treasury bills offered for sale on the domestic market at a discount and redeemed at their face value maturity of those is up to 364 days (inclusive);
- b) long-term securities Treasury bonds offered for sale on the domestic and foreign markets, carrying a discount or/and interest maturity of those is not shorter than one year (365 days).

Under the delegation laid down in Art. 55 of the Public Finance Act, the Minister of Finance issued in 1999 five ordinances governing the general conditions of issuing specific types of the Treasury Securities:

- a) Ordinance of the Minister of Finance of April 26<sup>th</sup>, 1999 on the general conditions of issuing of Treasury bonds offered at auctions (Journal of Laws No. 38, item 368, as subsequently amended);
- b) Ordinance of the Minister of Finance of April 26<sup>th</sup>, 1999 on the general conditions of issuing of Treasury bonds offered in the retail network (Journal of Laws No. 38, item 369, as subsequently amended);
- c) Ordinance of the Minister of Finance of August 26<sup>th</sup>, 1999 on the conditions of issuing of Treasury bills (Journal of Laws No. 74, item 831, as subsequently amended);
- d) Ordinance of the Minister of Finance of September 7<sup>th</sup>, 1999 on the conditions of issuing of Treasury bonds on the foreign markets (Journal of Laws No. 75, item 845, as subsequently amended);
- e) Ordinance of the Minister of Finance of September 8<sup>th</sup>, 1999 on the conditions of issuing of Treasury bonds designated for the conversion of the State Treasury debt (Journal of Laws No. 74, item 834, as subsequently amended).

The ordinances determine the Minister of Finance rights to define detailed conditions of the Treasury Securities issue. They set forth general conditions of instruments' design, sales procedures, investor groups to which Treasury Securities are offered and terms of their service and redemption (including buy-back and early redemption).

Detailed conditions of a particular issue of the Treasury Securities are determined in the Letters of Issue published by the Minister of Finance. Announcement of the Letter of Issue to the public, in the national press or on the Ministry of Finance Internet web site constitutes the condition under which the issue is effective.

# 2. PRIMARY MARKET OF TREASURY SECURITIES.

#### 2.1. Sale of Treasury Securities on the domestic market

Sale of the Treasury Securities on the domestic market is effected by issue agents acting under separate agreements concluded with the Minister of Finance. The National Bank of Poland is in charge of the auction sale of TS – Treasury bills and Treasury bonds - for institutional investors. Issues of instruments dedicated for individual investors – retail and savings T-bonds belonged to the Central Brokerage House PeKaO S.A. and starting from August 1, 2002 is effected by PKO Bank Polski S.A.

#### 2.1.1. Sale of Treasury Securities at auctions.

TS offered at auctions held by the National Bank of Poland are dedicated for the institutional investor groups and are commonly called "wholesale" instruments and they fulfill basic role meeting the State Budget borrowing needs. Relatively high face value of offered instruments of PLN 10,000 for a T-bill and PLN 1,000 for a T-bond issued at auctions is a characteristic feature of the wholesale market of the Treasury Securities. In 2002 direct access to auctions was granted to entities which had the status of a direct participant of the Treasury bills auctions and which were direct participants of the National Depository for Securities.

There were altogether 80 auctions of TS in 2002 (49 auctions of Treasury bills and 31 of Treasury bonds). Total value of offered securities amounted to PLN 100.8 billion (T-bills PLN 47.5 billion; T-bonds PLN 53.3 billion), value of declared demand reached PLN 284.3 billion (PLN 150.1 billion and PLN 134.2 billion respectively) and total face value of the sale amounted at PLN 99.9 billion (PLN 48.0 billion and PLN 51.9 billion)<sup>1</sup>. The following types of Treasury Securities were issued at auctions in 2002:

- a) Treasury bills,
- b) 2-year zero coupon bonds,
- c) 5-year fixed rate bonds,
- d) 10-year fixed rate bonds,
- e) 10-year floating rate bonds,
- f) 20-year fixed rate bonds.

#### 2.1.1.1. System of Treasury Securities Dealers (TSD)

In 2002 first competition period was carried out in order to select Treasury Securities Dealers (TSD) for the year 2003. The implementation of the System of Treasury Securities Dealers (Primary Dealers), results from Debt Management Strategy in the years 2002-2004 for public finance sector, aiming to minimize debt servicing costs.

<sup>&</sup>lt;sup>1</sup> Total value include T-bills sold at auction held on December 27, 2001 – its settlement day was on January 2, 2002.

#### System presumptions

The TDS system has been elaborated in order to ensure financing for borrowing needs of state budget, improve liquidity, transparency and effectiveness of Treasury Securities market. The system involves auctioned instruments (T-bills and T-bonds) offered to institutional investors at the domestic market.

#### System participants

Participation in the TSD system is limited to banks, which participate in the system of mandatory reserve, are subject to domestic supervision of Commission of Banking Supervision and have appropriate financial potential. Furthermore banks must operate in Poland and have accounts with National Bank of Poland – current account and T-bills depository account and with National Depository for Securities (KDPW) – T-bonds depository account.

#### TSD selection

The selection of TSD is conducted once a year and the competition period is based on the procedures stated in Regulations of fulfilling the functions of TSD.

Banks, which did not obtain the TSD status may enter the TSD competition period for the upcoming year.

According to Ordinances of Minister of Finance of December 4, 2002 regulating conditions of purchasing auctioned instruments (T-bills and Tbonds), since the beginning of 2003 purchasing rights are limited to banks with TSD status and state-owned banks (presently only National Economy Bank)

Minister of Finance has chosen 12 banks in the first competition period held from April 26 till September 30 out of 16 banks which accessed it. Minister of Finance signed agreement with each bank receiving the TSD status regulating mutual rights and obligations resulting from Regulations of fulfilling the functions of TSD. The Regulations may be found at the link bellow:

http://mf.gov.pl/\_files\_/dlug\_publiczny/obligacje\_hurtowe/dealerzy\_skarbowych\_papierow/regulations\_tsd\_final.pdf

#### TSD selection criteria:

- 1. share in primary market transactions (share in the gross amount, T-bonds and T-bills separately)
- 2. share in secondary market transactions, including electronic platform (T-bonds and T-bills separately)
- 3. share in the turnover with non-banking sector entities (T-bonds and T-bills separately)
- 4. settlement potential (amount of monthly turnover with the current account with NBP)
- 5. timely and sound fulfillment of reporting duties to the Issuer and NBP,
- 6. cooperation with the Issuer and NBP (especially concerning actions leading to development of transparent and effective TS market and advisory regarding issuing policies

#### Duties and rights of the issuer:

TSD duties in the year 2003:

- 1. TSD are obliged to participate in all auctions of TS arranged by the NBP on behalf of the Issuer
- 2. TSD are obliged to purchase during each quarter of a year no less than:
  - a. 2 % of the nominal value of T-bonds sold during a quarter of a year,
  - b. 2 % of the nominal value of T-bills sold during a quarter of the year,
  - constant quotations of sell and price for TS on the organised electronic secondary market
- 4. TSD are obliged to participate in everyday fixing sessions of TS at 15:30 arranged by the NBP through CeTO S.A. electronic platform organizer, in order to set the fixing and informational rates for TS in accordance with the TS Fixing Regulations
- 5. act for wider participation of the non-banking domestic investors
- 6. co-operate with the Issuer towards development of the transparent and effective market for TS
- 7. submitting to the Issuer through NBP and KDPW on a bank's activity on financial markets
- 8. submit themselves to once a year and temporary 3 month (quarter)
- 9. promote the TS market and other debt instruments

TSD are entitled to:

3.

- 1. exclusive submission of bids at all auctions of TS arranged by the NBP
- 2. purchase the day after auction the unsold or additional TS for average price (additional offer may not exceed 20% of the offer at regular auction, if gross amount of bid offers exceed Issuer offer bid offers are submitted to reduction.
- 3. using the title Treasury Securities Dealer
- regular participation in the meetings with representatives of the Issuer in order to solve subject-matter, organisational and technical problems connected with organisation and functioning of the TS market, discuss issuing policy, plans for financing state budget borrowing needs and financial market conditions,
- 5. Conducting of individual operations with the Issuer, in particular concluding transactions such as repo, buy-sell-back and other
- 6. using the title Treasury Securities Dealer

#### 2.1.1.1.1. Treasury Securities Electronic Platform (TSEP)

The electronic platform for secondary market transactions is a relevant component of new TS market architecture. According to the agreement of March 1, 2002 between Minister of Finance and Centralna Tabla Ofert S.A. the latter is responsible for organizing the non-regulated market which guarantees:

- 1. equality of investors
- 2. anonymity
- 3. automatic transaction matching
- 4. automatic settlement system

Thanks to market-making role of banks-candidates for TSD electronic platform helps to develop liquid, transparent and effective secondary TS market.

Along with the start of first TSD competition period electronic platform enabled T-bond trading. In October the available range of instruments was widened by T-bills and T-bonds of series TK1202,CK0403, PK0704, DK0809.

Minister of Finance granted the status of Treasury Securities Dealer for the year 2003 to the following banks:

- 1) ABN Amro Bank (Polska) S.A.,
- 2) Bank Handlowy w Warszawie S.A.,
- 3) Bank Polska Kasa Opieki S.A.,
- 4) Bank Przemysłowo-Handlowy PBK S.A.,
- 5) Bank Zachodni WBK S.A.,
- 6) Bank Millennium S.A.,
- 7) BRE Bank S.A.,
- 8) Deutsche Bank Polska S.A.,
- 9) ING Bank Śląski S.A.,
- 10) Kredyt Bank S.A.,
- 11) Powszechna Kasa Oszczędności Bank Państwowy S.A.,
- 12) Societe Generale S.A. Oddział w Polsce.

#### 2.1.1.2. Sale of Treasury bills.

Treasury bills are issued as bearers securities, the face value of one bill amounts at PLN 10,000 and its maturity may vary from 1 to 52 weeks. Treasury bills are issued in a dematerialized form and, as magnetic entries, deposited with the Central Register of Treasury bills run by the National Bank of Poland.

Treasury bills are sold at a discount (purchase price is lower than face value) and an investor receives T-bill's face value on a redemption date – the difference between face value and purchase price is an investor's yield.

Residents and non-residents being legal entities, individuals and entities without legal status, could purchase Treasury bills in the year 2002. Those instruments may become objects of a free turnover among all mentioned investor groups but observing terms and conditions governing foreign exchange turnover and public turnover of securities.

Secondary turnover is effected on the interbank market arranged by about 15 biggest domestic banks and from October 7, 2002 on the TSEP.

Number of direct participants, due to the wholesale character of that market, was limited to those with significant financial potential. The group included entities that purchased at least 0.2% of total face value of all Treasury bills sold on the primary market in the last quarter. Verification of eligible entities, according to that criterion was held after completion of each quarter.

About 40 entities enjoyed the status of a direct participant. The group included practically all banks of importance on the domestic financial market and few institutions from a non-banking sector. Investors that have no such a status could place their bids through an entity that was a direct participant of an auction. From the beginning of second quarter of 2003 in order to purchase T-bills on primary market brokerage of a bank with TSD status is needed.

Treasury bills auctions are held on Mondays, but in some reasoned cases the Minister of Finance is entitled to arrange an auction on some other day. An announcement of a forthcoming auction is published seven days before the auction date in the Ministry of Finance WWW pages (<u>http://www.mf.gov.pl/</u>), in REUTERS – at PLMF01[Enter] and on the Polish TV teletext page 705. At the beginning of a month, along with publication of the Letter of Issue for a given month, the Ministry of Finance announces monthly plan of Treasury bills sale including auction dates, projected sales value of specific types of securities and payment days for purchased bills.

Bids are submitted by direct participants of an auction to the National Bank of Poland by 11:00 hours on the auction date – minimum face value of a bid is PLN 100,000. Upon receipt a bid summary from the NBP the Minister of Finance takes a decision on accepted minimum price of bills with a given maturity. Bids with higher price are accepted in whole while bids presenting accepted minimum price can be accepted with reduction or in whole.

Auctions of Treasury bills are held in the multi-price auction system i.e., each of the bidders buys securities at a price submitted in his bid.

Results of a Treasury bills auction are announced on the day of the auction at about 13:00 in Internet, Reuters and in the TV teletext.

Payment for the Treasury bills is usually effected two days after an auction but in some cases may be effected on another day.

There were 49 auctions of Treasury bills in 2002 offering securities of total face value at PLN 47,500.0 mn. The bids reached the amount of PLN 150,066.2 mn and the sale of bills at their face value amounted to PLN 48,017.3 mn. Revenues on the sale of Treasury bills amounted to PLN 44,509.0 mn and in a break down according to a particular T-bill type were as follows:

| Type of a bill | Offer     | Demand     | Sale, face value | Sale, principal |  |  |
|----------------|-----------|------------|------------------|-----------------|--|--|
| 13-week        | 1,900.00  | 7,715.89   | 1,897.52         | 1,856.77        |  |  |
| 26-week        | 2,400.00  | 7,039.37   | 2,397.33         | 2,282.67        |  |  |
| 39-week        | 2,800.00  | 5,424.02   | 2,858.69         | 2,659.24        |  |  |
| 52-week        | 40,400.00 | 129,886.94 | 40,863.75        | 37,710.30       |  |  |
| TOTAL:         | 47,500.00 | 150,066.22 | 48,017.29        | 44,508.97       |  |  |

#### Table 1. Sale of Treasury bills in 2002 (PLN mn)<sup>2</sup>

<sup>&</sup>lt;sup>2</sup> Total value include T-bills sold at auction held on December 27, 2001 – its settlement day was on January 2, 2002.

File containing results of all auctions of Treasury bills since 1991 can be found on the Ministry of Finance website: <a href="http://www.mf.gov.pl/\_files\_/dlug\_publiczny/obligacje\_hurtowe/pliki\_do\_pobrania/bonyskarbowe.exe">http://www.mf.gov.pl/\_files\_/dlug\_publiczny/obligacje\_hurtowe/pliki\_do\_pobrania/bonyskarbowe.exe</a>

| Table 2.     | 1100         |                 | reasury  | Dillo at | 10110113 | 11 2002 | <u>- (prin in</u> |            |                |              |              |                    |          |          |          |            |                  |            |                |
|--------------|--------------|-----------------|----------|----------|----------|---------|-------------------|------------|----------------|--------------|--------------|--------------------|----------|----------|----------|------------|------------------|------------|----------------|
| Auction date | Bill<br>type | Redemption date | Offer    | Demand   |          |         | Average price     | Max. yield | Average yield. | Auction date | Bill<br>type | Redemption<br>date | Offer    | Demand   | Sale     | Min. price | Average<br>price | Max. yield | Average yield. |
|              | 13           | 04/03/2002      | 100.00   | 135.33   | 100.00   | 9718.73 | 9725.26           | 11.449%    | 11.176%        | 06/03/2002   | 52           | 06/04/2003         | 600.00   | 2,809.09 | 600.00   | 9162.54    | 9167.25          | 9.040%     | 8.984%         |
| 12/27/2001*  | 26           | 07/03/2002      | 100.00   | 173.13   | 97.33    | 9459.00 | 9463.06           | 11.313%    | 11.223%        | 06/10/2002   | 52           | 06/11/2003         | 500.00   | 2,280.39 | 500.00   | 9200.41    | 9202.10          | 8.595%     | 8.576%         |
|              | 39           | 10/02/2002      | 1,500.00 | 3,996.76 | 2,091.63 | 9236.55 | 9236.67           | 10.900%    | 10.898%        | 06/17/2002   | 52           | 06/18/2003         | 900.00   | 2,583.84 | 900.00   | 9204.02    | 9206.99          | 8.553%     | 8.518%         |
| 01/07/2002   | 13           | 04/10/2002      | 100.00   | 547.00   | 100.00   | 9743.87 | 9745.39           | 10.399%    | 10.336%        | 06/24/2002   | 13           | 09/25/2002         | 100.00   | 367.76   | 100.00   | 9783.61    | 9784.89          | 8.750%     | 8.697%         |
| 01/07/2002   | 52           | 01/08/2003      | 1,200.00 | 5,970.71 | 1,200.00 | 9103.51 | 9108.85           | 9.740%     | 9.676%         | 00/24/2002   | 52           | 06/25/2003         | 900.00   | 2,173.76 | 900.00   | 9209.69    | 9212.95          | 8.487%     | 8.449%         |
| 01/14/2002   | 13           | 04/17/2002      | 100.00   | 461.94   | 100.00   | 9747.45 | 9749.53           | 10.250%    | 10.163%        | 07/01/2002   | 13           | 10/02/2002         | 100.00   | 215.55   | 100.00   | 9786.03    | 9786.75          |            | 8.620%         |
| 01/14/2002   | 52           | 01/15/2003      | 1,200.00 | 3,953.02 | 1,200.00 | 9103.50 | 9109.38           | 9.740%     | 9.670%         | 0110112002   | 52           | 07/02/2003         | 500.00   | 1,951.65 | 500.00   | 9222.76    | 9225.73          | 8.335%     | 8.300%         |
| 01/21/2002   | 13           | 04/24/2002      | 100.00   | 453.82   | 100.00   | 9750.01 | 9755.59           | 10.143%    | 9.911%         | 07/08/2002   | 13           | 10/09/2002         | 100.00   | 349.64   | 100.00   | 9787.25    | 9788.75          | 8.599%     | 8.537%         |
| 01/21/2002   | 52           | 01/22/2003      | 1,300.00 | 3,297.50 | 1,300.00 | 9110.21 | 9116.94           | 9.660%     | 9.579%         | 01100/2002   | 52           | 07/09/2003         | 500.00   | 1,887.99 | 500.00   | 9213.03    | 9218.51          | 8.448%     | 8.384%         |
| 01/28/2002   | 26           | 07/31/2002      | 100.00   | 557.23   | 100.00   | 9523.41 | 9525.31           | 9.899%     | 9.857%         | 07/15/2002   | 13           | 10/16/2002         | 100.00   | 598.02   | 100.00   | 9789.66    | 9791.66          |            | 8.417%         |
| 0112012002   | 52           | 01/29/2003      | 1,300.00 | 2,856.20 | 1,300.00 | 9106.86 | 9115.22           | 9.700%     | 9.600%         |              | 52           | 07/16/2003         | 500.00   | 1,518.18 | 500.00   | 9213.75    | 9217.31          | 8.440%     | 8.398%         |
| 02/04/2002   | 26           | 08/07/2002      | 300.00   | 593.86   | 300.00   | 9515.30 | 9520.21           | 10.076%    | 9.969%         | 07/22/2002   | 52           | 07/23/2003         | 600.00   | 2,074.88 | 600.00   | 9217.02    | 9217.62          |            | 8.395%         |
| 02/04/2002   | 52           | 02/05/2003      | 900.00   | 1,694.20 | 900.00   | 9095.01 | 9105.77           | 9.841%     | 9.713%         | 07/29/2002   | 52           | 07/30/2003         | 600.00   | 3,606.41 | 600.00   | 9230.08    | 9230.73          |            | 8.242%         |
| 02/11/2002   | 26           | 08/14/2002      | 300.00   | 839.01   | 300.00   | 9516.03 | 9516.97           | 10.060%    | 10.039%        | 08/05/2002   | 52           | 08/06/2003         | 600.00   | 3,255.52 | 600.00   | 9252.54    | 9257.52          | 7.990%     | 7.932%         |
| 02/11/2002   | 52           | 02/12/2003      | 500.00   | 1,793.27 | 500.00   | 9098.45 | 9102.67           | 9.800%     | 9.750%         | 08/12/2002   | 52           | 08/13/2003         | 400.00   | 2,396.89 | 400.00   | 9266.40    | 9268.63          | 7.830%     | 7.804%         |
| 02/18/2002   | 26           | 08/21/2002      | 300.00   | 876.05   | 300.00   | 9517.86 | 9520.71           | 10.020%    | 9.958%         | 08/19/2002   | 52           | 08/20/2003         | 700.00   | 2,354.67 | 700.00   | 9268.91    | 9269.92          | 7.801%     | 7.789%         |
| 02/10/2002   | 52           | 02/19/2003      | 1,000.00 | 2,279.38 | 1,000.00 | 9099.37 | 9106.41           | 9.789%     | 9.705%         | 08/26/2002   | 52           | 08/27/2003         | 700.00   | 2,825.93 | 700.00   | 9270.72    | 9273.77          | 7.780%     | 7.745%         |
| 02/25/2002   | 26           | 08/28/2002      | 300.00   | 1,044.96 | 300.00   | 9521.06 | 9523.59           | 9.950%     | 9.895%         | 09/02/2002   | 52           | 09/03/2003         | 800.00   | 4,409.74 | 800.00   | 9287.32    | 9288.79          | 7.589%     | 7.573%         |
| 02/23/2002   | 52           | 02/26/2003      | 1,300.00 | 2,532.43 | 1,296.97 | 9105.00 | 9109.65           | 9.722%     | 9.666%         | 09/09/2002   | 13           | 12/11/2002         | 100.00   | 850.42   | 100.00   | 9814.22    | 9815.38          | 7.489%     | 7.441%         |
| 03/04/2002   | 26           | 09/04/2002      | 400.00   | 1,151.77 | 400.00   | 9523.38 | 9524.48           | 9.899%     | 9.875%         | 09/09/2002   | 52           | 09/10/2003         | 700.00   | 3,570.86 | 700.00   | 9312.66    | 9315.29          | 7.300%     | 7.270%         |
| 03/04/2002   | 52           | 03/05/2003      | 800.00   | 1,706.93 | 800.00   | 9107.00 | 9109.39           | 9.698%     | 9.669%         | 09/16/2002   | 13           | 12/18/2002         | 100.00   | 743.36   | 100.00   | 9817.02    | 9818.27          | 7.374%     | 7.322%         |
| 00/44/0000   | 26           | 09/11/2002      | 300.00   | 781.18   | 300.00   | 9527.48 | 9529.57           | 9.810%     | 9.765%         | 09/10/2002   | 52           | 09/17/2003         | 700.00   | 2,955.92 | 700.00   | 9317.45    | 9320.02          | 7.245%     | 7.216%         |
| 03/11/2002   | 52           | 03/12/2003      | 900.00   | 2,340.39 | 900.00   | 9106.92 | 9112.03           | 9.699%     | 9.638%         | 09/23/2002   | 52           | 09/24/2003         | 800.00   | 2,353.89 | 800.00   | 9320.61    | 9322.69          | 7.209%     | 7.185%         |
| 03/18/2002   | 26           | 09/18/2002      | 200.00   | 595.80   | 200.00   | 9528.42 | 9532.15           | 9.790%     | 9.708%         | 09/30/2002   | 39           | 07/02/2003         | 1,300.00 | 1,427.26 | 767.06   | 9477.53    | 9481.26          | 7.270%     | 7.215%         |
| 03/10/2002   | 52           | 03/19/2003      | 1,000.00 | 2,249.16 | 1,000.00 | 9103.47 | 9109.65           | 9.740%     | 9.666%         | 09/30/2002   | 52           | 10/01/2003         | 1,300.00 | 4,214.16 | 1,766.92 | 9327.59    | 9329.04          | 7.130%     | 7.113%         |
| 03/25/2002   | 13           | 06/26/2002      | 100.00   | 289.00   | 100.00   | 9760.67 | 9761.21           | 9.700%     | 9.678%         | 10/07/2002   | 13           | 01/08/2003         | 100.00   | 579.60   | 100.00   | 9822.73    | 9822.98          | 7.139%     | 7.129%         |
| 03/23/2002   | 52           | 03/26/2003      | 1,300.00 | 2,655.00 | 1,300.00 | 9106.01 | 9106.79           | 9.710%     | 9.700%         | 10/07/2002   | 52           | 10/08/2003         | 800.00   | 2,551.29 | 800.00   | 9334.63    | 9336.69          | 7.050%     | 7.026%         |
| 03/29/2002   | 13           | 07/03/2002      | 100.00   | 167.02   | 97.52    | 9756.00 | 9760.56           | 9.894%     | 9.705%         | 10/14/2002   | 13           | 01/15/2003         | 100.00   | 562.40   | 100.00   | 9826.18    | 9826.94          | 6.998%     | 6.967%         |
| 03/23/2002   | 52           | 04/02/2003      | 1,000.00 | 2,010.27 | 1,000.00 | 9103.01 | 9103.62           | 9.745%     | 9.738%         | 10/14/2002   | 52           | 10/15/2003         | 800.00   | 3,409.72 | 800.00   | 9349.66    | 9351.61          | 6.879%     | 6.857%         |
| 04/08/2002   | 13           | 07/10/2002      | 100.00   | 303.04   | 100.00   | 9759.49 | 9760.47           | 9.749%     | 9.708%         | 10/21/2002   | 52           | 10/22/2003         | 800.00   | 2,529.36 | 800.00   | 9359.33    | 9361.92          | 6.770%     | 6.741%         |
| 04/00/2002   | 52           | 04/09/2003      | 600.00   | 1,389.55 | 600.00   | 9099.01 | 9104.06           | 9.793%     | 9.733%         | 10/28/2002   | 52           | 10/29/2003         | 800.00   | 3,828.30 | 800.00   | 9392.26    | 9392.32          | 6.400%     | 6.399%         |
| 04/15/2002   | 13           | 07/17/2002      | 100.00   | 260.93   | 100.00   | 9760.20 | 9762.33           | 9.720%     | 9.631%         | 11/04/2002   | 52           | 11/05/2003         | 800.00   | 1,741.56 | 800.00   | 9402.06    | 9404.32          | 6.290%     | 6.265%         |
| 04/15/2002   | 52           | 04/16/2003      | 700.00   | 3,129.75 | 700.00   | 9111.88 | 9113.64           | 9.640%     | 9.619%         | 11/07/2002   | 52           | 11/12/2003         | 800.00   | 2,283.08 | 800.00   | 9420.02    | 9425.01          | 6.089%     | 6.034%         |
| 04/00/0000   | 26           | 10/23/2002      | 100.00   | 426.38   | 100.00   | 9534.84 | 9535.79           | 9.650%     | 9.629%         | 11/18/2002   | 52           | 11/19/2003         | 800.00   | 2,868.58 | 800.00   | 9442.89    | 9445.50          | 5.835%     | 5.806%         |
| 04/22/2002   | 52           | 04/23/2003      | 1,100.00 | 3,195.94 | 1,100.00 | 9122.06 | 9125.79           | 9.519%     | 9.474%         | 11/25/2002   | 52           | 11/26/2003         | 800.00   | 2,599.11 | 800.00   | 9453.31    | 9456.18          | 5.720%     | 5.688%         |
| 05/00/2000   | 13           | 08/07/2002      | 100.00   | 361.66   | 100.00   | 9765.00 | 9767.04           | 9.520%     | 9.436%         | 12/02/2002   | 52           | 12/03/2003         | 1,000.00 | 2,859.73 | 1,000.00 | 9437.05    | 9441.82          | 5.900%     | 5.847%         |
| 05/06/2002   | 52           | 05/07/2003      | 600.00   | 1,598.49 | 599.86   | 9123.67 | 9127.39           | 9.499%     | 9.455%         |              | 13           | 03/12/2003         | 100.00   | 279.26   | 100.00   | 9846.95    | 9849.02          | 6.149%     | 6.064%         |
| 05/13/2002   | 52           | 05/14/2003      | 600.00   | 2,109.19 | 600.00   | 9130.38 | 9132.79           | 9.420%     | 9.391%         | 12/09/2002   | 52           | 12/10/2003         | 700.00   | 2,705.34 | 700.00   | 9452.60    | 9454.75          | 5.727%     | 5.704%         |
| 05/20/2002   | 52           | 05/21/2003      | 700.00   | 1,801.13 | 700.00   | 9132.05 | 9136.68           | 9.400%     | 9.345%         | 40/40/0000   | 13           | 03/19/2003         | 100.00   | 190.14   | 100.00   | 9844.50    | 9846.96          |            | 6.148%         |
| 05/27/2002   | 52           | 05/28/2003      | 800.00   | 2.231.36 | 800.00   | 9140.51 | 9143.80           | 9.300%     | 9.261%         | 12/16/2002   | 52           | 12/17/2003         | 1,200.00 | 2.493.23 | 1.200.00 | 9450.58    | 9455.70          | 5.750%     | 5.693%         |
|              |              |                 |          |          |          |         |                   |            |                | and that is  |              |                    |          | ,        |          |            |                  |            |                |

#### Table 2. Results of Treasury bills auctions in 2002 (PLN mn)

\* - January 2, 2002 was the payment date for T-bills sold at an auction of December 27, 2001 and that is why that auction sale is included in the sale of 2002.

#### 2.1.1.3. Sale of Treasury bonds

Treasury bonds offered at auctions are issued as bearer securities, and the face value of one T-bond is PLN 1,000. Bonds are issued in a dematerialized form and deposited in as magnetic entries in the National Depository for Securities S.A. T-bonds may be sold at a discount, at par value or above par. Purchase price of one bond includes the bid price for its face value and accrued interest bought out on the auction payment date.

Residents and non-residents being legal entities, individuals and entities without legal status, can purchase T- bonds. Those instruments may be entered into a free turnover among all mentioned investor groups subject to terms and conditions governing foreign exchange turnover and public turnover of securities.

Entities enjoying the status of a direct participant of the National Depository of Securities S.A. (NDS) could enter an auction (about 80 institutions). Other investors, without that status but willing to purchase T-bonds at auction had to use NDS participants' intermediary services. Starting from the beginning of 2003 purchasing T-bonds is possible through TSD brokerage services. Secondary turnover of wholesale bonds is concentrated on the interbank non-regulated market and from April 27, 2002 on the TSEP. Moreover, all bonds traded at auctions are listed on the Warsaw Stock Exchange (WSE).

Dates of auctions are specified in the Letter of Issue. Auctions are organized and handled, as in the case of T-bills by the National Bank of Poland. Preliminary information on bond auctions planned for a given year and containing series of offered securities, dates of auctions and payment dates for purchased bonds is published by the Ministry of Finance in Internet and in Reuters at PLNF07[Enter].

Auction announcement - containing in particular the supply amount of bonds - is given to public at 12:00 hours on two working days before the auction.

Bids are submitted by auction participants to the NBP by 11:00 hours on the auction day. Minimum value of a bid is PLN 1 mn.

Upon receipt a bid summary from the NBP, the Minister of Finance takes a decision on accepted minimum price of a T-bond with a given maturity. Bids with higher price are accepted in whole while bids presenting accepted minimum price can be accepted with reduction or in whole.

As it is in case of T-bills, auctions of Treasury bonds are held in the multi-price auction system i.e., each of the bidders buys securities at a price submitted in the bid. Auction results are published on the day of the auction at about 13:00 hours in Internet and in REUTERS. Settlement of bonds auction is held on the date shown in the auction announcement.

There were 31 T-bonds auctions in 2002 at which securities of total face value of PLN 53,300.0 mn were offered. Declared demand amount reached PLN 124,153.4 mn while bonds sale at par value was PLN 51,874.1 mn. The revenues on the sale of T-bonds at auctions in 2002 totaled PLN 47,385.1 mn.

#### ANNEX TO ANNUAL REPORT 2002 - PUBLIC DEBT

| Bond type             | Offer     | Demand     | Sale, face value | Sale, principal |
|-----------------------|-----------|------------|------------------|-----------------|
| 2-year zero coupon    | 27,000.00 | 61,666.98  | 25,578.56        | 22,129.33       |
| 5-year fixed rate     | 19,000.00 | 51,775.38  | 19,000.00        | 18,730.33       |
| 10-year fixed rate    | 5,400.00  | 14,607.38  | 5,400.00         | 4,746.99        |
| 10-year floating rate | 500.00    | 1,120.50   | 495.50           | 493.77          |
| 20-year fixed rate    | 1,400.00  | 4,983.20   | 1,400.00         | 1,284.63        |
| TOTAL:                | 53,300.00 | 134,153.44 | 51,874.06        | 47,385.05       |

File containing results of all auctions of Treasury bonds and the issue of bonds arising from the conversion of the health care debts and liabilities to trade unions and social organizations can be found on the Ministry of Finance website:

http://www.mf.gov.pl/\_files\_/dlug\_publiczny/obligacje\_hurtowe/pliki\_do\_pobrania/obligacjehurtowe.exe

#### 2.1.1.3.1. Sale of 2-year zero coupon bonds in 2002

Auctions of 2-year zero coupon bonds (OK series) were held on the first working Wednesday of a month. Till November 2002 they were held together with auction of 5-year fixed rate bonds. Issue of each series lasted for four subsequent months and started in April, August and December. Zero coupon bonds similarly to T-bills do not bring an owner any coupon revenue - yield is the difference between a face value paid at the redemption date and the purchase price.

Table 4. Auction results of zero coupon 2-year bonds in 2002 (PLN mn)

| Auction date | Series | Settlement date | Demand    | Supply    | Sale      | Minimum | Average | Maximum |
|--------------|--------|-----------------|-----------|-----------|-----------|---------|---------|---------|
| Auction date | Oenes  | Settlement date | Demand    | Supply    | Odie      | yield   | yield   | yield   |
| 01/09/2002   | OK1203 | 01/12/2002      | 2,800.00  | 5,215.00  | 2,800.00  | 8.938%  | 9.050%  | 9.131%  |
| 02/06/2002   | OK1203 | 02/12/2002      | 2,000.00  | 3,733.00  | 2,000.00  | 9.081%  | 9.307%  | 9.500%  |
| 03/06/2002   | OK1203 | 03/12/2002      | 2,000.00  | 4,462.65  | 2,000.00  | 9.202%  | 9.273%  | 9.347%  |
| 04/03/2002   | OK0404 | 04/12/2002      | 2,500.00  | 2,025.70  | 1,756.50  | 9.334%  | 9.446%  | 9.496%  |
| 05/08/2002   | OK0404 | 05/12/2002      | 1,500.00  | 3,433.81  | 1,500.00  | 9.077%  | 9.170%  | 9.204%  |
| 06/05/2002   | OK0404 | 06/12/2002      | 1,000.00  | 2,781.50  | 1,000.00  | 8.574%  | 8.574%  | 8.574%  |
| 07/03/2002   | OK0404 | 07/12/2002      | 2,600.00  | 6,381.06  | 1,922.06  | 8.172%  | 8.342%  | 8.385%  |
| 08/07/2002   | OK0804 | 08/12/2002      | 2,500.00  | 6,822.36  | 2,500.00  | 7.538%  | 7.664%  | 7.709%  |
| 09/04/2002   | OK0804 | 09/12/2002      | 2,500.00  | 7,398.32  | 2,500.00  | 7.302%  | 7.336%  | 7.384%  |
| 10/02/2002   | OK0804 | 10/12/2002      | 2,800.00  | 6,315.50  | 2,800.00  | 6.749%  | 6.797%  | 6.872%  |
| 11/06/2002   | OK0804 | 11/12/2002      | 1,800.00  | 5,457.76  | 1,800.00  | 6.041%  | 6.123%  | 6.147%  |
| 12/04/2002   | OK1204 | 12/12/2002      | 3,000.00  | 7,640.35  | 3,000.00  | 5.695%  | 5.841%  | 5.873%  |
| TOTAL        | -      | -               | 27,000.00 | 61,666.98 | 25,578.56 | -       | -       | -       |

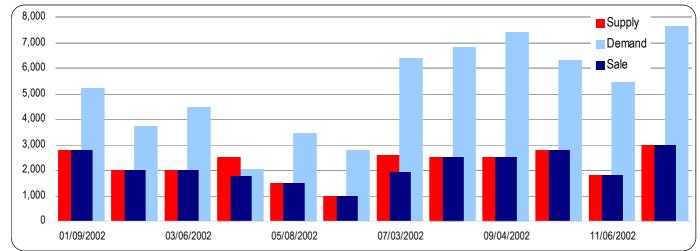
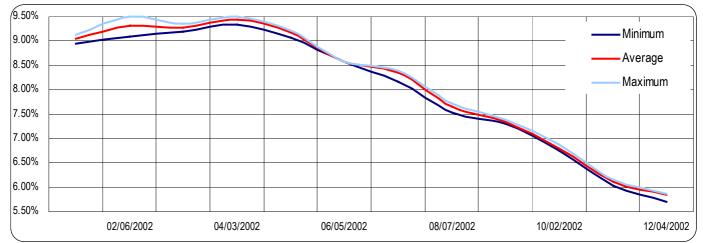


Chart 1. Supply, demand and sale of zero coupon bonds at auctions in 2002 (PLN mn)

#### Chart 2. Yield to maturity of zero coupon bonds at auctions in 2002

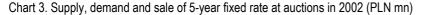


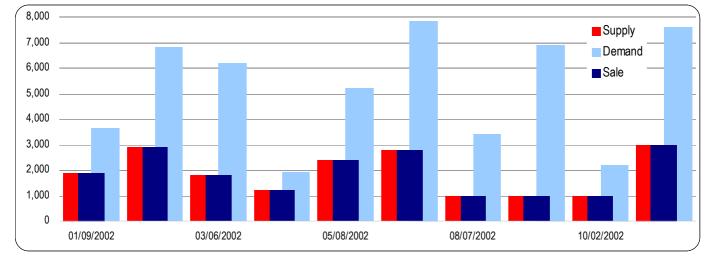
#### 2.1.1.3.2. Sale of 5-year fixed rate bonds in 2002

Till November 2002 auctions of 5-year fixed rate bonds (PS series) were held on the first working Wednesday of a month along with auctions of zero coupon bonds. In November the issuing scheme was changed – auctions of OK and PS series were separated and auctions of 5-year bonds were moved to third working Wednesday of the month. PS1106 and PS0507 series were issued with 8,50% coupon, while the following PS0608 series had interest rates 5,75%. Aiming to significantly increase liquidity for each series at domestic secondary market and meet EU financial markets' standards Ministry of Finance will continue the selling process until value of an issue will reach approximately 5 billion Euro.

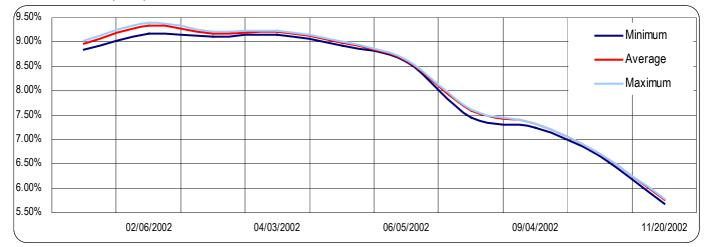
| Auction date | Series | Coupon | Settlement Demand |           | Supply    | Sale      | Minimum | Average | Maximum |
|--------------|--------|--------|-------------------|-----------|-----------|-----------|---------|---------|---------|
|              |        |        | date              | date      |           | 000       | yield   | yield   | yield   |
| 01/09/2002   | PS1106 |        | 01/12/2002        | 1,900.00  | 3,629.00  | 1,900.00  | 8.845%  | 8.972%  | 9.021%  |
| 02/06/2002   | PS1106 | 8.50%  | 02/12/2002        | 2,900.00  | 6,807.07  | 2,900.00  | 9.170%  | 9.327%  | 9.407%  |
| 03/06/2002   | PS1106 | 0.5076 | 03/12/2002        | 1,800.00  | 6,177.19  | 1,800.00  | 9.112%  | 9.182%  | 9.206%  |
| 04/03/2002   | PS1106 |        | 04/12/2002        | 1,200.00  | 1,929.00  | 1,200.00  | 9.144%  | 9.204%  | 9.231%  |
| 05/08/2002   | PS0507 |        | 05/12/2002        | 2,400.00  | 5,215.00  | 2,400.00  | 8.931%  | 8.981%  | 9.006%  |
| 06/05/2002   | PS0507 |        | 06/12/2002        | 2,800.00  | 7,841.50  | 2,800.00  | 8.599%  | 8.625%  | 8.637%  |
| 08/07/2002   | PS0507 | 8.50%  | 08/12/2002        | 1,000.00  | 3,425.17  | 1,000.00  | 7.450%  | 7.596%  | 7.610%  |
| 09/04/2002   | PS0507 |        | 09/12/2002        | 1,000.00  | 6,921.50  | 1,000.00  | 7.243%  | 7.318%  | 7.330%  |
| 10/02/2002   | PS0507 |        | 10/12/2002        | 1,000.00  | 2,215.46  | 1,000.00  | 6.663%  | 6.701%  | 6.716%  |
| 11/20/2002   | PS0608 | 5.75%  | 11/24/2002        | 3,000.00  | 7,614.50  | 3,000.00  | 5.694%  | 5.764%  | 5.787%  |
| TOTAL        | -      | -      | -                 | 19,000.00 | 51,775.38 | 19,000.00 | -       | -       |         |

Table 5. Results of 5-year fixed rate bonds auctions in 2002 (PLN mn)





#### Chart 4. Yield to maturity of 5-year fixed rate bonds at auctions in 2002



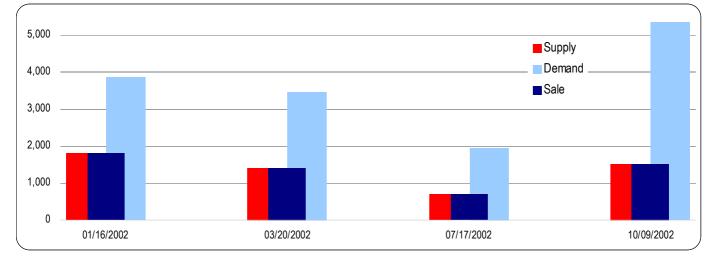
#### 2.1.1.3.3. Sale of 10-year fixed rate bonds in 2002

Four auctions of 10-year fixed rate bonds (DS series) were held in the year 2002. Till July the Ministry of Finance continued auctions of DS1110, which sale began in the year 2001. Sale of a new series DS1013 with yearly coupon at 5,00% began in September and will continue. As in case of 5-year fixed rate bonds the offering of one series should last till an issue reaches level of 5 billion Euro.

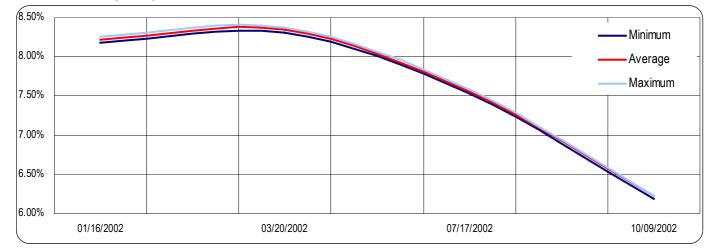
| Auction date | Series | Coupon | Settlement | Demand   | Supply    | Sale     | Minimum | Average | Maximum |
|--------------|--------|--------|------------|----------|-----------|----------|---------|---------|---------|
|              | 00100  | Coupon | date       | Domana   | ouppiy    | Oulo     | yield   | yield   | yield   |
| 01/16/2002   | DS1110 | 6.00%  | 01/24/2002 | 1,800.00 | 3,868.80  | 1,800.00 | 8.184%  | 8.215%  | 8.260%  |
| 03/20/2002   | DS1110 |        | 03/24/2002 | 1,400.00 | 3,442.70  | 1,400.00 | 8.305%  | 8.344%  | 8.373%  |
| 07/17/2002   | DS1110 |        | 07/24/2002 | 700.00   | 1,945.38  | 700.00   | 7.535%  | 7.560%  | 7.580%  |
| 10/09/2002   | DS1013 | 5.00%  | 10/24/2002 | 1,500.00 | 5,350.50  | 1,500.00 | 6.197%  | 6.224%  | 6.225%  |
| TOTAL        | -      | -      | -          | 5,400.00 | 14,607.38 | 5,400.00 | -       | -       | -       |

Table 6. Results of 10-year fixed rate bonds auctions in 2002 (PLN mn)

Chart 5. Supply, demand and sale of 10-year fixed rate bonds in 2002 (PLN mn)



#### Chart 6. Yield to maturity of 10-year fixed rate bonds at auctions in 2002



#### 2.1.1.3.4. Sale of 10-year floating rate bonds in 2002

In 2002 the Ministry of Finance held only one auction of 10-year floating rate bonds (DZ series). In April Minister of Finance suspended sale of DZ series at auctions. It was an outcome of an overflow of instruments with similar construction and value of 7,8 billion PLN issued by NBP designed for domestic banks to switch purchased bonds resulting from lowering mandatory reserve. DZ series coupon interest rate changes every year and depends on the yield of 52-week T-bills sold at auctions within the period of two months that directly precede the month commencing the yearly interest period of a given series.

| Table 7. Results of 10-v | vear floating rate bonds a | auctions in 2002 (PLN mn) |
|--------------------------|----------------------------|---------------------------|
|                          |                            |                           |

| Auction date | Series | Settlement date | Supply | Demand   | Sale   | Current rate<br>of return<br>minimum | Current rate<br>of return<br>average | Current rate<br>of return<br>maximum |
|--------------|--------|-----------------|--------|----------|--------|--------------------------------------|--------------------------------------|--------------------------------------|
| 02/13/2002   | DZ0811 | 2002-02-18      | 500.00 | 1,120.50 | 495.50 | 15.286%                              | 15.494%                              | 15.564%                              |
| TOTAL        | -      | -               | 500.00 | 1,120.50 | 495.50 | -                                    | -                                    | -                                    |

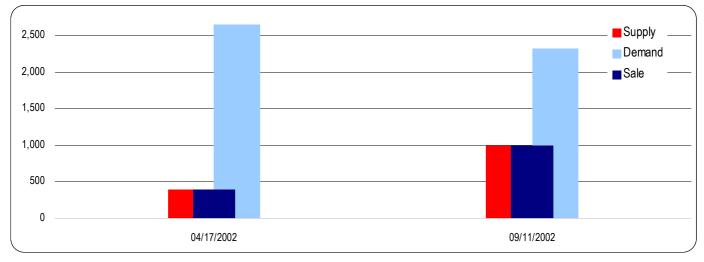
#### Sale of 20-year fixed rate bonds in 2002

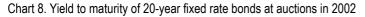
In 2002 the Ministry of Finance began sale of 20-year fixed rate bond (WS0922 series). New long term bond issue resulted from market demand (claimed especially by insurance sector) and need to set up benchmark for long term interest rates on domestic market. Similarly as in case of 5and 10-year fixed rate bonds auctions of WS0922 will continue until total value of the issue reaches equivalency of 5 billion Euro.

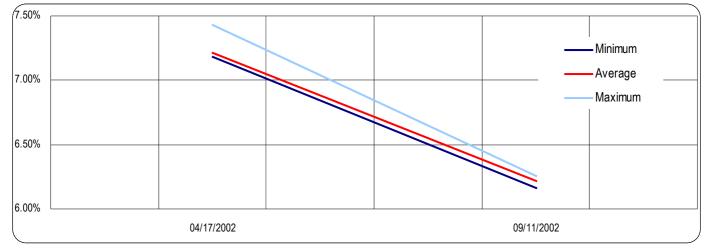
Tabela 8. Results of 20-year fixed rate bonds auctions in 2002 (PLN mn)

| Auction date | Series | Coupon | Settlement<br>date | Demand   | Supply   | Sale     | Minimum<br>yield | Average<br>yield | Maximum<br>yield |
|--------------|--------|--------|--------------------|----------|----------|----------|------------------|------------------|------------------|
| 04/17/2002   | WS0922 | 5.75%  | 04/22/2002         | 400.00   | 2,651.00 | 400.00   | 7.182%           | 7.215%           | 7.432%           |
| 09/11/2002   | WS0922 | 5.75%  | 09/23/2002         | 1,000.00 | 2,332.20 | 1,000.00 | 6.160%           | 6.219%           | 6.257%           |
| TOTAL        | -      | -      | -                  | 1,400.00 | 4,983.20 | 1,400.00 | -                | -                | -                |

#### Chart 7. Supply, demand and sale of 20-year fixed rate bonds at auctions in 2002 (PLN mn)







#### 2.1.1.4. Treasury bonds switching auctions

In 2002 the Ministry of Finance continued T-bonds switching auctions, which started in November 2001 - i.e., redemption of a bond series before its maturity date while settlement of the transaction is effected by giving the holder another series of bonds – bought-back securities are cancelled. The Ministry's of Finance goals of such an operation include reduction of debt refinancing risk, increase in the value of "benchmark" issues of bonds, closing of small and with low liquidity issues of marketable and non-marketable bonds issues and also managing the interest rate risk.

Switching auctions are arranged and handled by the National Bank of Poland. Direct participants of the National Depository of Securities are allowed to auction. Other investors intending to switch bonds must use intermediation of the NDS participants. Starting from the beginning of 2002 participation in switching auctions is limited to TSD.

Switching auctions are held on dates specified in monthly schedules of the auctions that are published on the Ministry of Finance website. Two days before an auction, at about 12:00 hours, the Ministry of Finance releases a detailed communiqué on the auction to be held with following information:

- a) auction date,
- b) auction settlement date,
- c) face value of bonds to be redeemed,
- d) redemption date, abbreviated name, ISIN code and value of accrued interest of bonds redeemed at auction settlement date,
- e) redemption date, abbreviated name, ISIN code and value of accrued interest of bonds sold at auction settlement date,
- f) way and place of announcement by the Ministry of Finance of a "clean" price of a redeemed or sold bond according to chosen variant of an auction.

The day before a switching auction, at about 15:00 hours the Minister of Finance informs the market about the "clean" prices of redeemed or sold bonds.

Bids are submitted to the NBP by 11:00 hours on the auction day. After the submission term expires the Minister of Finance determines accepted bid price for bonds with given maturity. Auction results are published at about 13:30 hours on the day of an auction.

### Table 9. Results of switching auctions in 2002 (PLN mn)

|              | 1                | Buy-b                    | ack bonds            |                    |                    |                  | Settlement bondsf        |                    | A            |                  | Buy-b                    | ack bonds |                     |             |                  | Settlement bonds         |                   |
|--------------|------------------|--------------------------|----------------------|--------------------|--------------------|------------------|--------------------------|--------------------|--------------|------------------|--------------------------|-----------|---------------------|-------------|------------------|--------------------------|-------------------|
| Auction date | Series           | Redemption date          | Supply               | Demand             | Buy-back           | Series           | Redemption date          | Sale               | Auction date | Series           | Redemption date          | Supply    | Demand              | Buy-back    | Series           | Redemption date          | Sale              |
|              | OK0402           | 04/21/2002               | 1000-1500            | 55.000             | 35.000             | PS1004           | 10/12/2004               | 33.850             |              | OS1002           | 10/12/2002               | 1000.000  | 14.935              | -           | OK0804           | 08/21/2004               | -                 |
| 01/15/2002   | OK0402<br>KO0402 | 04/21/2002               |                      | 56.764<br>127.322  |                    | PS1106<br>PS1004 | 11/12/2006<br>10/12/2004 | 24.367<br>19.287   |              | OS1002<br>OK1202 | 10/12/2002<br>12/21/2002 |           | 301.030             | 29.238      | PS0507<br>PS0507 | 05/12/2007<br>05/12/2007 | 30.626<br>114.843 |
| 01/13/2002   | KO0402<br>KO0402 | 04/29/2002               | 1000-1500            | 50.114             | -                  | PS11004          | 11/12/2004               | -                  |              | OK1202<br>OK1202 | 12/21/2002               | 1000.000  | 258.500             | 124.040     | DS1110           | 11/24/2010               | -                 |
|              | OS0202           | 02/12/2002               | 1000-1500            | 474.205            | 441.822            | PS1106           | 11/12/2006               | 491.669            | 08/27/2002   | TK1202           | 12/22/2002               | 1000.000  | 25 700              | -           | PS0507           | 05/12/2007               | -                 |
|              | OK0402           | 04/21/2002               | 1000-1500            | 33.300             | 32.000             | PS1004           | 10/12/2004               | 30.964             |              | TK1202           | 12/22/2002               | 1000.000  | 15.571              | 2.071       | DS1110           | 11/24/2010               | 2.300             |
| 04/00/0000   | OK0402           | 04/21/2002               | 1000 1000            | 271.246            | 180.644            |                  | 11/12/2006               | 176.157            |              | OS0203           | 02/12/2003               | 1000.000  | 36.000              | -           | PS0507           | 05/12/2007               | -                 |
| 01/22/2002   | KO0402<br>KO0402 | 04/29/2002<br>04/29/2002 | 1000-1500            | 81.115<br>120.385  |                    | PS1004<br>PS1106 | 10/12/2004<br>11/12/2006 | 55.190<br>27.749   |              | OS0203<br>OS1002 | 02/12/2003<br>10/12/2002 |           | 2.900               | - 26.640    | DS1110<br>OK0804 | 11/24/2010<br>08/21/2004 | - 33.925          |
|              | OS0202           | 02/12/2002               | 1000-1500            | 153.429            | 130.000            | PS1100           | 11/12/2006               | 144.688            |              | OS1002           | 10/12/2002               | 1000.000  | 416.239             | 20.043      | PS0507           | 05/12/2004               | 299.585           |
|              | OK0402           | 04/21/2002               | 1000-1500            | 97.923             |                    | PS1004           | 10/12/2004               | 56.134             |              | OK1202           | 10/12/2002<br>12/21/2002 | 1000.000  | 224 353             | 162.251     | PS0507           | 05/12/2007<br>05/12/2007 | 146.863           |
| 01/29/2002   | OK0402           | 04/21/2002               | 1000-1500            | 269.217            | -                  | PS1106           | 11/12/2006               | -                  | 09/17/2002   | OK1202           | 12/21/2002               | 1000.000  | 142.003             |             | DS1110           | 11/24/2010               | 79.162            |
|              | KO0402           | 04/29/2002               | 1000-1500            | 36.229             |                    | PS1004           | 10/12/2004               | 1.000              |              | TK1202           | 12/22/2002               | 1000.000  | 79.064              |             | PS0507           | 05/12/2007               | 53.828            |
|              | KO0402<br>DZ0107 | 04/29/2002<br>01/18/2007 | 193.261              | 198.769            | -                  | PS1106<br>DZ0110 | 11/12/2006<br>01/18/2010 | -                  |              | TK1202<br>OS0203 | 12/22/2002<br>02/12/2003 |           | 63.129<br>71.000    | 54.629      | DS1110<br>PS0507 | 11/24/2010<br>05/12/2007 | 59.003<br>60.178  |
| 04/00/0000   | DZ0407           | 04/18/2007               | 3.500                | -                  | -                  | DZ0110           | 01/18/2010               | -                  |              | OS0203           | 02/12/2003               | 1000.000  | 16.000              | -           | DS1110           | 11/24/2010               | -                 |
| 01/29/2002   | DZ0707           | 07/18/2007               | 75.000               |                    | -                  | DZ0110           | 01/18/2010               | -                  |              | OK1202           | 12/21/2002               | 1000.000  | 272.570             | 117.166     | PS0507           | 05/12/2007               | 106.136           |
|              | DZ0108           | 01/18/2008               | 279.000              | 13.972             | -                  | DZ0110           | 01/18/2010               | -                  |              | OK1202           | 12/21/2002               | 1000.000  | 323.413             | -           | DS1110           | 11/24/2010               | -                 |
|              | OK0402<br>OK0402 | 04/21/2002<br>04/21/2002 | 1500.000             | 939.330            | 789.342            | PS0205<br>PS1005 | 02/12/2005<br>10/12/2005 | 796.701            | 09/24/2002   | TK1202<br>TK1202 | 12/22/2002<br>12/22/2002 | 1000.000  | ) 117.306<br>55.000 | 2.306       | PS0507<br>DS1110 | 05/12/2007<br>11/24/2010 | 2.297             |
| 02/12/2002   | KO0402           | 04/29/2002               |                      | 567.481            | 500.000            | PS0205           | 02/12/2005               | 503.525            |              | OS0203           | 02/12/2003               |           | 56.886              | 41.958      | PS0507           | 05/12/2007               | 42.134            |
|              | KO0402           | 04/29/2002               | 1500.000             | 25.206             |                    | PS1005           | 10/12/2005               | 2.000              |              | OS0203           | 02/12/2003               | 1000.000  | 32.763              | -           | DS1110           | 11/24/2010               | -                 |
|              | OK0402           | 04/21/2002               | 1500.000             | 133.000            | 5.500              | PS0205           | 02/12/2005               | 5.522              |              | OS1004           | 10/12/2004               | 856.000   | 74.000              |             | PS1004           | 10/12/2004               | -                 |
|              | OK0402           | 04/21/2002               |                      | 128.300            | -                  | PS1005           | 10/12/2005               | -                  |              | OK1202<br>OK1202 | 12/21/2002               | 1000.000  | 10.726 118.195      |             | PS0507<br>DS1110 | 05/12/2007               | 5.000             |
| 02/19/2002   | KO0402<br>KO0402 | 04/29/2002<br>04/29/2002 | 1268.362             | 59.884<br>11.424   |                    | PS0205<br>PS1005 | 02/12/2005<br>10/12/2005 | 14.025<br>10.153   | 10/15/2002   | TK1202           | 12/21/2002<br>12/22/2002 |           | 10.000              | 47.195      | PS0507           | 11/24/2010<br>05/12/2007 | 45.040            |
|              | OS0602           | 06/12/2002               | 1500.000             | 48.552             | -                  | PS0205           | 02/12/2005               | -                  |              | TK1202           | 12/22/2002               | 1000.000  | -                   | -           | DS1110           | 11/24/2010               | -                 |
|              | OS0602           | 06/12/2002               | 1500.000             | 218.605            | -                  | PS1005           | 10/12/2005               | -                  |              | OS0203           | 02/12/2003               | 1000.000  | 30.000              | -           | PS0507           | 05/12/2007               | -                 |
| 02/40/0000   | OK0402           | 04/21/2002               | 1500.000             | 178.620            |                    | PS1004           | 10/12/2004               | 49.318             |              | OS0203           | 02/12/2003               |           | 91.297              |             | DS1110           | 11/24/2010<br>10/12/2004 | 80.728            |
| 03/12/2002   | KO0402<br>OS0602 | 04/29/2002<br>06/12/2002 | 1243.962<br>1500.000 | 91.102<br>206.970  |                    | PS1004<br>PS1106 | 10/12/2004<br>11/12/2006 | 4.578<br>21.854    |              | OS1004<br>OK1202 | 10/12/2004<br>12/21/2002 | 856.000   | 197.000<br>26.108   | 153.000     | PS1004<br>PS0506 | 10/12/2004<br>05/12/2006 | 156.985<br>18.028 |
|              | OS0002<br>OK0402 | 04/21/2002               | 1500.000             | 145.000            | 84.500             | PS1004           | 10/12/2004               | 82.552             |              | OK1202<br>OK1202 | 12/21/2002               | 1000.000  | 49.000              | -           | DS1110           | 11/24/2010               | -                 |
| 03/26/2002   | KO0402           | 04/29/2002               | 1239.265             | 95.895             | 27.643             | PS1004           | 10/12/2004               | 26.95              | 10/22/2002   | OK0403           | 04/21/2003               | 1000.000  | 606.700             |             | PS0506           | 05/12/2006               | 292.701           |
| 03/20/2002   | OS0602           | 06/12/2002               | 1500.000             | 463.659            | 323.513            |                  | 11/12/2006               | 352.47             |              | OK0403           | 04/21/2003               | 1000.000  | 205.894             |             |                  | 11/24/2010               | 40.848            |
|              | OS0602<br>OS0602 | 06/12/2002               |                      | 387.617            |                    | DS1110<br>PS1004 | 11/24/2010               | 118.805<br>35.159  |              | CK0403<br>CK0403 | 04/22/2003               | 1000.000  | 276.230<br>34.380   | 236.230     | PS0506<br>DS1110 | 05/12/2006               | 229.006           |
|              | OS0602<br>OS0602 | 06/12/2002<br>06/12/2002 | 1000.000             | 80.592<br>196.180  | 32.500             | PS1004<br>PS0506 | 10/12/2004<br>05/12/2006 | - 35.159           |              | TK1202           | 04/22/2003<br>12/22/2002 |           | 125 000             | -           | PS0507           | 11/24/2010<br>05/12/2007 | -                 |
| 04/09/2002   | OK0802           | 08/21/2002               | 1000.000             | 135.276            | 125.276            |                  | 10/12/2004               | 118.772            |              | TK1202           | 12/22/2002               | 1000.000  | 55.786              | -           | DS1110           | 11/24/2010               | -                 |
|              | OK0802           | 08/21/2002               | 1000.000             | 55.453             | -                  | PS0506           | 05/12/2006               | -                  |              | OS0203           | 02/12/2003               | 1000.000  | -                   | -           | PS0507           | 05/12/2007               | -                 |
|              | OS0602           | 06/12/2002               | 1000.000             | 102.061            | -                  | PS1004           | 10/12/2004               | -                  | 10/29/2002   | OS0203           | 02/12/2003               |           | 2.100               | -           | DS1110           | 11/24/2010               | -                 |
| 04/23/2002   | OS0602<br>OK0802 | 06/12/2002<br>08/21/2002 |                      | 50.029<br>149.057  | 9.612<br>10.000    | PS0506<br>PS1004 | 05/12/2006<br>10/12/2004 | 10.000<br>9.434    |              | OK0403<br>OK0403 | 04/21/2003<br>04/21/2003 | 1000.000  | 695.723<br>109.837  | - 114.204   | PS0507<br>DS1110 | 05/12/2007<br>11/24/2010 | 98.464            |
|              | OK0802           | 08/21/2002               | 1000.000             | 1.000              | -                  | PS0506           | 05/12/2006               | -                  |              | CK0403           | 04/22/2003               | 4000.000  | 100 700             | -           | PS0507           | 05/12/2007               | -                 |
|              | OS0602           | 06/12/2002               |                      | 128.684            | 100.934            | OK0404           | 04/21/2004               | 132.923            |              | CK0403           | 04/22/2003               | 1000.000  | -                   | -           | DS1110           | 11/24/2010               | -                 |
|              | OS0602           | 06/12/2002               | 1000.000             | 294.756<br>216.962 | 101.554            | PS1106           | 11/12/2006               | 110.386            |              | OK1202           | 12/21/2002               | 1000.000  | 328.227             | -           | PS0507           | 05/12/2007               | -                 |
| 05/14/2002   | OS0602<br>OK0802 | 06/12/2002<br>08/21/2002 |                      | 164.821            |                    | DS1110<br>PS1004 | 11/24/2010<br>10/12/2004 | 64.388<br>10.000   |              | OK1202<br>TK1202 | 12/21/2002<br>12/22/2002 |           | 170.000             | -           | DS1110<br>PS0507 | 11/24/2010<br>05/12/2007 | -                 |
|              | OK0802           | 08/21/2002               | 1000.000             |                    |                    | PS1106           |                          | 73.427             |              | TK1202           | 12/22/2002               | 1000.000  | 56.286              | 50.000      | DS1110           | 11/24/2010               | 51.642            |
|              | OK0802           | 08/21/2002               |                      | 165.445            | 143.350            | DS1110           | 11/24/2010               | 155.040<br>73.000  | 11/12/2002   | OS0203           | 02/12/2003               | 1000.000  | E6 E20              | -           | PS0507           | 05/12/2007               | -                 |
|              | OS0602           | 06/12/2002               | 4000.000             | 65.634             |                    | OK0404           | 04/21/2004               | 73.000             | 11/12/2002   | OS0203           | 02/12/2003               | 1000.000  | -                   | -           | DS1110           | 11/24/2010               | -                 |
|              | OS0602<br>OS0602 | 06/12/2002<br>06/12/2002 | 1000.000             | 480.612<br>234.251 | 211.075            | PS1106           | 11/12/2006<br>11/24/2010 | 183.194<br>259.257 |              | OK0403<br>OK0403 | 04/21/2003<br>04/21/2003 | 1000.000  | 386.023<br>173.874  | -<br>10.874 | PS0507<br>DS1110 | 05/12/2007<br>11/24/2010 | -<br>10.000       |
| 05/21/2002   | OK0802           | 08/21/2002               |                      | 404.876            | 404.876            |                  | 10/12/2004               | 380.625            |              | CK0403           | 04/22/2003               | 4000.000  | 176 35/             | -           | PS0507           | 05/12/2007               | -                 |
|              | OK0802           | 08/21/2002               | 1000.000             | 28.910             | 8.910              | PS1106           | 11/12/2006               | 8.445              |              | CK0403           | 04/22/2003               | 1000.000  | -                   | -           | DS1110           | 11/24/2010               | -                 |
|              | OK0802           | 08/21/2002               |                      | 66.612             |                    | DS1110           | 11/24/2010               | 23.264             |              | OK1202           | 12/21/2002               | 1000.000  | 40.000              | 10.000      | PS0507           | 05/12/2007               | 8.663             |
|              | OK0802<br>OK0802 | 08/21/2002<br>08/21/2002 | 1000.000             | 3.300<br>60.000    | 3.300              | OK0404<br>PS0507 | 04/21/2004<br>05/12/2007 | 3.774              |              | OK1202<br>TK1202 | 12/21/2002<br>12/22/2002 |           | - 115 000           | - 100.000   | DS1109<br>PS0507 | 11/24/2009<br>05/12/2007 | - 95.270          |
|              | OK0802           | 08/21/2002               | 1000.000             | 40.000             | 20.000             | DS1110           | 11/24/2010               | 21.145             |              | TK1202           | 12/22/2002               | 1000.000  | 100.000             |             | DS1109           | 11/24/2009               | 108.548           |
|              | OS1002           | 10/12/2002               |                      | 106.658            |                    | PS1004           | 10/12/2004               | 105.078            | 11/26/2002   | OS0203           | 02/12/2003               | 1000.000  |                     |             | PS0507           | 05/12/2007               | -                 |
| 06/11/2002   |                  | 10/12/2002               | 1000.000             |                    |                    | PS0507           | 05/12/2007               | ļ                  |              | OS0203           | 02/12/2003               | 1000.000  | -                   | -           | DS1109           | 11/24/2009               | -                 |
|              | OS1002<br>OK1202 | 10/12/2002<br>12/21/2002 |                      | 125.046<br>54.090  | 106.500            | DS1110<br>PS1004 | 11/24/2010<br>10/12/2004 | 124.554<br>19.058  |              | OK0403<br>OK0403 | 04/21/2003<br>04/21/2003 | 1000.000  | 297.183             | 210.417     | PS0507<br>DS1109 | 05/12/2007<br>11/24/2009 | 178.749           |
|              | OK1202<br>OK1202 | 12/21/2002               | 1000.000             |                    | 21.033             | PS0507           | 05/12/2004               | -                  |              | CK0403           | 04/22/2003               |           | 40.000              | - 10.000    | PS0507           | 05/12/2007               | 9.344             |
|              | OK1202           | 12/21/2002               |                      | 86.421             | 7.910              | DS1110           | 11/24/2010               | 8.127              |              | CK0403           | 04/22/2003               | 1000.000  | 2.000               | -           | DS1109           | 11/24/2009               | -                 |
|              | OK0802           | 08/21/2002               | 4000 000             | 5.565              | -                  | OK0404           | 04/21/2004               | -                  |              | OS0203           | 02/12/2003               | 1000.000  | 122.679             |             | PS0608           | 06/24/2008               | 126.090           |
|              | OK0802<br>OK0802 | 08/21/2002<br>08/21/2002 | 1000.000             | 15.000<br>126.772  | -                  | PS0507<br>DS1110 | 05/12/2007<br>11/24/2010 | -                  |              | OS0203<br>OK0403 | 02/12/2003<br>04/21/2003 |           | 215 000             |             | DS1110<br>PS0608 | 11/24/2010<br>06/24/2008 | 54.150<br>71.327  |
|              | OK0802<br>OS1002 | 10/12/2002               | <u> </u>             | 231.951            | - 5 000            | PS1004           | 10/12/2004               | - 5.146            |              | OK0403<br>OK0403 | 04/21/2003               | 1000.000  | 305.632             |             | DS1110           | 11/24/2010               | 290.818           |
| 06/18/2002   |                  | 10/12/2002               | 1000.000             |                    | 370.000            |                  | 05/12/2007               | 394.950            | 12/10/2002   | CK0403           | 04/22/2003               | 1000.000  | 356 244             |             | PS0608           | 06/24/2008               | 144.414           |
|              | OS1002           | 10/12/2002               | ļ                    | 98.075             | -                  | DS1110           | 11/24/2010               | -                  | 12/10/2002   | CK0403           | 04/22/2003               | 1000.000  | 133.335             |             | DS1110           | 11/24/2010               | 124.479           |
|              | TK1202<br>TK1202 | 12/22/2002<br>12/22/2002 | 1000.000             | 57.300<br>123.293  | - 20.206           | PS1004<br>PS0507 | 10/12/2004<br>05/12/2007 | -<br>30.310        |              | OS0603<br>OS0603 | 06/12/2003<br>06/12/2003 | 1000.000  | 162.000             | 5.000       | PS0608<br>DS1110 | 06/24/2008<br>11/24/2010 | 5.283             |
|              | TK1202           | 12/22/2002               | 1000.000             | 68.873             | 29.390             | DS1110           |                          |                    |              | OS0003<br>OK0803 | 08/21/2003               | 4000.000  | - 110.000           | - 60.000    | PS0608           | 06/24/2008               | - 55.977          |
| 1            | OK0802           | 08/21/2002               | 1000.000             | 50.000             | -                  | PS1004           | 10/12/2004               | -                  |              | OK0803           | 08/21/2003               | 1000.000  | 81.000              | 81.000      | DS1110           | 11/24/2010               | 75.995            |
|              | OK0802           | 08/21/2002               | 1000.000             | 45.053             | -                  | PS0507           | 05/12/2007               | -                  |              | OS0203           | 02/12/2003               | 1000.000  | 66.129              | 30.929      | PS0608           | 06/24/2008               | 33.236            |
| 07/09/2002   | OS1002<br>OS1002 | 10/12/2002<br>10/12/2002 | 1000.000             | 283.600<br>222.770 | -                  | PS1004<br>PS0507 | 10/12/2004<br>05/12/2007 | -                  |              | OS0203<br>OK0403 | 02/12/2003<br>04/21/2003 | -         | 8.500               | -<br>QO 10F | DS1110<br>PS0608 | 11/24/2010<br>06/24/2008 | -<br>76.041       |
|              | TK1202           | 12/22/2002               | 1000                 | 011 08/            | -                  | PS0507<br>PS1004 | 10/12/2007               | -                  |              | OK0403<br>OK0403 | 04/21/2003               | 1000.000  | 196.532             |             | DS1110           | 11/24/2010               | 1.500             |
|              | TK1202           | 12/22/2002               | 1000.000             | 357.444            | -                  | PS0507           | 05/12/2007               | -                  | 12/17/2002   | CK0403           | 04/22/2003               | 1000.000  | /12 251             |             | PS0608           | 06/24/2008               | 14.231            |
|              | OS1002           | 10/12/2002               | 1000.000             | 179.000            | 24.000             | PS1004           | 10/12/2004               | 24.640             | 12/11/2002   | CK0403           | 04/22/2003               | 1000.000  | 1.000               | -           | DS1110           | 11/24/2010               |                   |
|              | OS1002<br>OK1202 | 10/12/2002<br>12/21/2002 |                      | 306.996<br>929.574 | -                  | PS0507<br>PS1004 | 05/12/2007<br>10/12/2004 | -                  |              | OS0603<br>OS0603 | 06/12/2003<br>06/12/2003 | 1000.000  | 201.080 20.000      | 125.080     | PS0608<br>DS1110 | 06/24/2008<br>11/24/2010 | 131.786           |
| 07/23/2002   | OK1202           | 12/21/2002               | 1000.000             | 289.624            |                    | PS1004<br>PS0507 | 05/12/2007               | -<br>49.974        |              | OS0603<br>OK0803 | 08/21/2003               | 1000.000  | 00.045              | - 38.680    | PS0608           | 06/24/2008               | 35.997            |
|              | TK1202           | 12/22/2002               | 1000.000             | 936.531            |                    | PS1004           | 10/12/2004               | 14.884             |              | OK0803           | 08/21/2003               | 1000.000  | -                   | -           | DS1110           | 11/24/2010               | -                 |
| ļ            | TK1202           | 12/22/2002               | 1000.000             | 118.903            | -                  | PS0507           | 05/12/2007               | -                  | TOTAL:       |                  | -                        | -         | 26576.389           | 9643.340    |                  | -                        | 9823.053          |
|              | OS1002           | 10/12/2002               | 1000.000             | 90.199             |                    | OK0804           | 08/21/2004               | 33.045             |              |                  |                          |           |                     |             |                  |                          |                   |
|              | OS1002<br>OK1202 | 10/12/2002<br>12/21/2002 |                      | 268.580<br>221.867 | 216.460<br>180.607 |                  | 05/12/2007<br>05/12/2007 | 226.670<br>166.252 |              |                  |                          |           |                     |             |                  |                          |                   |
| 08/20/2002   | OK1202           | 12/21/2002               | 1000.000             | 64.790             |                    | DS1110           | 11/24/2010               | 40.223             |              |                  |                          |           |                     |             |                  |                          |                   |
| 00/20/2002   | TK1202           | 12/22/2002               | 1000.000             | 68.000             |                    | PS0507           | 05/12/2007               | 32.409             |              |                  |                          |           |                     |             |                  |                          |                   |
|              | TK1202<br>OS0203 | 12/22/2002<br>02/12/2003 |                      | 103.623<br>74.360  |                    | DS1110<br>PS0507 | 11/24/2010<br>05/12/2007 | 75.998<br>38.196   |              |                  |                          |           |                     |             |                  |                          |                   |
|              | OS0203<br>OS0203 | 02/12/2003               | 1000.000             | 9.487              |                    | DS1110           |                          | 10.578             |              |                  |                          |           |                     |             |                  |                          |                   |
| L            |                  |                          |                      | 0.401              | 3.401              |                  |                          |                    | -            |                  |                          |           |                     |             |                  |                          |                   |

#### 2.1.1.5. Treasury bonds buy-back auctions

Minister of Finance held first ever T-bond buy-back auction on August 8, 2002. Previously only T-bills buy-back auctions were organized. Such an operation may be held in situation of temporary surplus in budget current account. Minister of Finance may offer to buyback existing bonds what will result in lowering debt servicing costs.

| Auction date | Series | Settlement date | Offer    | Demand  | Buy-back | Minimum<br>yield | Average<br>yield | Maximum<br>yield |
|--------------|--------|-----------------|----------|---------|----------|------------------|------------------|------------------|
| 08/08/2002   | OK1202 | 08/12/2002      | 1000.000 | 342.197 | 10.986   | 8.390%           | 8.394%           | 8.399%           |
| 08/08/2002   | TK1202 | 08/12/2002      | 1000.000 | 134.734 | 47.234   | 8.382%           | 8.412%           | 8.551%           |
| TOTAL        | -      | -               | -        | 476.931 | 58.220   | -                | -                | -                |

#### Tabele 10 . Results of buy-back bond auction in 2002 (mln PLN)

#### 2.2. Sale of Treasury Securities in retail network

Apart from the "wholesale" bonds, the Ministry of Finance offers securities dedicated for individual investors commonly referred to as "retail bonds". In 2002 the Ministry of Finance that group of instruments offer included the following securities:

- a) 2-year fixed rate savings bonds (DOS series)
- b) 3-year floating rate bonds (TZ series)
- c) 4-year inflation rate indexed savings bonds (COI series)
- d) 5-year fixed rate bonds (SP series)

The face value of Treasury bonds destined for individuals is PLN 100 and provides a possibility of an investment in Treasury Securities to persons with relatively low funds.

The sale of retail bonds was effected by about 550 units of Customer Service Outlets (CSOs) functioning in the branches of brokerage houses belonging to a consortium dealing with the sale of retail bonds. Till August 1, 2003 the Central Brokerage House PeKaO S.A. was in charge of efficient functioning of the consortium. From August 1, 2003 PKO Bank Polski S.A. became issue agent and is be responsible for all newly issued series. Servicing of bonds issued before August 1, 2003 is left to former agent - Central Brokerage House PeKaO S.A. Retail net objective is to set up 1200 Customer Service Outlets and enable transactions through internet, telephone and cash machine.

Savings bonds (DOS and COI series) can be purchased only by individuals domiciled in Poland. Those instruments are not listed on the regulated secondary market i.e., the Stock Exchange in Warsaw but they may be offered to the issuer for redemption before their maturity date. Interest on those securities accrue annually and is put at the investor's disposal at the redemption date (or pre-maturity redemption). The sale of each series of savings bonds lasts for one month.

3-year floating rate bonds (TZ series) give their holder a yield in a form of coupon paid every 3 months, interest rate of particular coupons changes and depends on the yield of 13-week T-bills.

5-year fixed rate bonds (SP series) give their holder a fixed annual income. Sale of new TZ and SP series last for three months and as distinct from savings bonds, they can be traded at the WSE.

The file containing sale results of Treasury bonds offered in the retail network may be found on the Ministry of Finance website: <a href="http://www.mf.gov.pl/\_files\_/dlug\_publiczny/obligacje\_hurtowe/pliki\_do\_pobrania/obligacjedetaliczne.exe">http://www.mf.gov.pl/\_files\_/dlug\_publiczny/obligacje\_hurtowe/pliki\_do\_pobrania/obligacjedetaliczne.exe</a>

Table 11. Sale of retail bonds in 2002 (PLN mn)

| Bond type                  | Supply    | Sale, face value | Revenues |
|----------------------------|-----------|------------------|----------|
| 2-year savings bonds       | 6,000.00  | 2,661.33         | 2,661.33 |
| 3-year floating rate bonds | 4,000.00  | 1,702.42         | 1,694.59 |
| 4-year savings bonds       | 1,800.00  | 173.13           | 173.13   |
| 5-year fixed rate bonds    | 2,500.00  | 1,377.86         | 1,358.14 |
| TOTAL:                     | 14,300.00 | 5,914.74         | 5,887.19 |

| Table 12. Sale of floating rate retail bonds in 2002 (PLN mn) |
|---|
|---|

|         | Sale p     | Sale period |        | Sa       | le      | Price    | (PLN)  |
|---------|------------|-------------|--------|----------|---------|----------|--------|
| Bond    | beginning  | end         | Supply | exchange | network | exchange | issue  |
| TZ0205  | 02/01/2002 | 04/19/2002  | 1,000  | 180.03   | 282.60  | 99.80    | 100.00 |
| TZ0505  | 05/06/2002 | 07/19/2002  | 1,000  | 190.93   | 302.48  | 99.30    | 99.80  |
| TZ0805  | 08/01/2002 | 10/25/2002  | 1,000  | 218.91   | 259.08  | 99.00    | 99.50  |
| TZ1105* | 11/04/2002 | 01/24/2003  | 1,000  | 139.34   | 129.05  | 99.00    | 99.50  |
| TOTAL   | -          | -           | 4,000  | 729.21   | 973.20  | -        | -      |
| COI0106 | 01/02/2002 | 01/31/2002  | 150    | -        | 24.26   | -        | 100.00 |
| COI0206 | 02/01/2002 | 02/28/2002  | 150    | -        | 26.22   | -        | 100.00 |
| COI0306 | 03/01/2002 | 03/29/2002  | 150    | -        | 25.64   | -        | 100.00 |
| COI0406 | 04/02/2002 | 04/30/2002  | 150    | -        | 21.69   | -        | 100.00 |
| COI0506 | 05/06/2002 | 05/31/2002  | 150    | -        | 12.96   | -        | 100.00 |
| COI0606 | 06/03/2002 | 06/28/2002  | 150    | -        | 10.91   | -        | 100.00 |
| COI0706 | 07/01/2002 | 07/31/2002  | 150    | -        | 13.01   | -        | 100.00 |
| COI0806 | 08/01/2002 | 08/30/2002  | 150    | -        | 6.18    | -        | 100.00 |
| COI0906 | 09/02/2002 | 09/30/2002  | 150    | -        | 2.69    | -        | 100.00 |
| COI1006 | 10/01/2002 | 10/31/2002  | 150    | -        | 4.61    | -        | 100.00 |
| COI1106 | 11/04/2002 | 11/29/2002  | 150    | -        | 16.11   | -        | 100.00 |
| COI1206 | 12/02/2002 | 12/31/2002  | 150    | -        | 8.86    | -        | 100.00 |
| TOTAL   | -          | -           | 1,800  | -        | 173.13  | -        | -      |

\*sale in period from November 4, 2002 to December 31, 2002

#### Table 13. Sale of fixed rate retail bonds in 2002 (PLN mn)

| Bond     |            | period     | Supply | Sale      | l.                       | )                        | Oprocentowanie           |                  |  |
|----------|------------|------------|--------|-----------|--------------------------|--------------------------|--------------------------|------------------|--|
| Dona     | beginnig   | end        | Cuppiy | Calo      | Issue price (PLN)        |                          |                          | oprocontoritanio |  |
| DOS0104  | 01/02/2002 | 01/31/2002 | 500    | 302.06    |                          | 100.00                   |                          | 10.0%            |  |
| DOS0204  | 02/01/2002 | 02/28/2002 | 500    | 174.68    |                          | 100.00                   |                          | 9.0%             |  |
| DOS0304  | 03/01/2002 | 03/29/2002 | 500    | 178.67    |                          | 100.00                   |                          | 9.0%             |  |
| DOS0404  | 04/02/2002 | 04/30/2002 | 500    | 112.60    |                          | 100.00                   |                          | 8.5%             |  |
| DOS0504  | 05/06/2002 | 05/31/2002 | 500    | 142.64    |                          | 100.00                   |                          | 8.5%             |  |
| DOS0604  | 06/03/2002 | 06/28/2002 | 500    | 187.78    |                          | 100.00                   |                          | 8.5%             |  |
| DOS0704  | 07/01/2002 | 07/31/2002 | 500    | 275.50    |                          | 100.00                   |                          | 7.9%             |  |
| DOS0804  | 08/01/2002 | 08/30/2002 | 500    | 291.03    |                          | 100.00                   |                          | 7.9%             |  |
| DOS0904  | 09/02/2002 | 09/30/2002 | 500    | 216.98    | 100.00                   |                          | 7.5%                     |                  |  |
| DOS1004  | 10/01/2002 | 10/31/2002 | 500    | 191.66    | 100.00                   |                          | 7.0%                     |                  |  |
| DOS1104  | 11/04/2002 | 11/29/2002 | 500    | 374.24    | 100.00                   |                          | 6.5%                     |                  |  |
| DOS1204  | 12/02/2002 | 12/31/2002 | 500    | 213.50    | 100.00                   |                          | 6.0%                     |                  |  |
| TOTAL    | -          | -          | 6,000  | 2,661.34  | _                        |                          | -                        |                  |  |
|          |            |            |        |           | 1 <sup>st</sup> month of | 2 <sup>nd</sup> month of | 3 <sup>rd</sup> month of |                  |  |
|          |            |            |        |           | sale                     | sale                     | sale                     |                  |  |
| SP1206*  | 12/03/2001 | 02/28/2002 | 500    | 115.24    | 96.00                    | 97.50                    | -                        | 9.0%             |  |
| SP0307   | 03/01/2002 | 05/31/2002 | 500    | 187.49    | 96.50                    | 96.50                    | 96.50                    | 8.0%             |  |
| SP0607   | 06/03/2002 | 08/30/2002 | 500    | 498.63    | 97.00                    | 100.00                   | 100.50                   | 8.0%             |  |
| SP0907   | 09/02/2002 | 11/29/2002 | 500    | 500.00    | 97.00                    | 98.50                    | 101.00                   | 6.5%             |  |
| SP1207** | 12/02/2002 | 02/28/2003 | 500    | 76.50     | 99.50                    | 100.00                   | 100.50                   | 5.5%             |  |
| TOTAL    | -          | -          | 2,500  | 1,377.864 | -                        | -                        | -                        | -                |  |

\*sale in period form January 1, 2002 to January 31, 2002

\*\* sale in period form December 2, 2002 to December 31, 2002

#### 2.3. Sale of Treasury Securities on foreign markets

The basic objective of the sale of Polish securities on foreign markets is consolidation of Poland's position as a trustworthy issuer on international financial market. Significance of those issues for financing borrowing needs of the State Budget is of high importance.

Presence of Poland on international market allows to diversify the sources of the State Budget borrowing needs financing and provides access to foreign institutional investors disposing of substantial financial resources. Moreover, foreign issues of Polish governmental securities serve as a benchmark for Polish banks and enterprises that place their own issues of debt instruments on international markets.

#### 2.3.1. Classic issues of Treasury Securities on international market

Issues of bonds destined for foreign markets are arranged by consortia of foreign financial institutions consisting of reputable investment banks active on international market. The Minister of Finance appoints, in a formal competitive process, a lead manager whose basic duty is to place the bonds on the market. Consortium members underwrite the sale of securities – their task is to collect orders, by means of direct contact with potential investors, for bonds of a given issue. On that basis the bonds are priced i.e. the spread is fixed above the benchmark yield of the bonds issued by the Treasury of the State, in whose the issue is effected. The spread reflects the level of risk connected with investment in securities of a given issuer.

In 2002 the Ministry of Finance effected four issues of bonds on the foreign markets (among them reopening of USD issue). The offered securities included: bonds denominated in

- EUR with maturity date March 12, 2012 and annual coupon rate of 5.50%,
- GBP with maturity date November 18, 2010 and annual coupon rate of 5.625% and
- USD which totaled 1.4 billion was placed in two tranches: securities with face value of USD 1000 mn were issued on July 2, 2002 and on September 12, 2002 further USD 400 mn were placed as a supplementary issue.

#### 7.125% bond 7.75% bond 7.75% bond 6.125% bond 6% bond 5.5% bond 5.5% bond 6.25% bond 5,625% bond denominated in denominated in denominated ir denominated in denominated ir denominated in denominated in denominated in denominated in USD, maturing USD maturing EUR maturing EUR maturing EUR maturing USD maturing GBP maturing DEM maturing USD maturing in 2000 in 2001 in 2004 in 2017 in 2010 in 2011 in 1012 in 1012 in 1010 Issue date 07/13/1995 07/31/1996 07/01/1997 07/01/1997 03/22/2000 01/29/2001 03/12/2002 07/02/2002 11/18/2002 Deutsche BNP Deutsche Morgan **Issue Consortium** Paribas.Credi Bank AG CSFB JP Morgan UBS Warburg JP Morgan Grenfell, J.P. Morgan J.P. Morgan SSSB Lead Manager Suisse, First Merrill Lynch\* SSSB Credit Suisse Boston International First Boston DEM 250 USD 250 USD 1400 Issue value/debt EUR 1,000 mn mn/redeemed USD 300 mn USD 100 mn EUR 600 mn EUR 750 mn mn/redeemed 400 mn value at the end of mn (750 + 250\*\*) 2001 in July 2000 in July 2000 (1000+400)Interest rate annually fixed 7.75% Fixed 6.125% fixed 7.125% fixed 7.75% fixed 6.0% fixed 5.5% fixed 5.5% fixed 6.25% fixed 5.625% (%) Maturity 5 years 5 years 7 years 20 years 10 years 10 years 10 years 10 years 8 years Spread over 158 bp / underlying assets' 185 bp 65 bp 75 bp 100 bp 82 bp 80 bp / 74 bp 75 bp 115 bp quotation as of the 150.3 bp issue date 98.950 / 99.209 / Issue price (%) 98.320 99.060 99.967 101.777 99.491 99.299 98.300 100.902 106.00 07/13/2000 07/31/2001 07/01/2004 07/01/2017 03/22/2010 02/14/2012 03/12/2012 07/03/2012 11/18/2010 Redemption date semiannually annually semiannually annually annually annually Annually semiannually Annually Interest payments Euro+144a Euro Yankee Yankee Euro Global Euro Placement market Euro Euro U.S. Securities U.S. U.S. Luxemburg and Exchange Luxemburg Frankfurt am Securities Securities Luxemburg and Frankfurt Luxemburg Luxemburg Commission + Stock Main Stock and Stock am Main Stock Stock Registration and Luxemburg Exchange Exchange Exchange Exchange Exchange Stock Exchange Exchange Stock Commission Commission Exchanges Exchange

#### Table 14. Bonds issued for international market by 2002

\* basic issue 750 mn consortium lead managers only

\*\* reopening

#### 2.3.2. Polish Brady Bonds

The Polish Brady Bonds were issued subject to the agreement with London Club banks. The bonds were issued on October 27<sup>th</sup>, 1994 and covered six instrument types differing in design details. The total value of the issue amounted to USD 8.0 billion. At the end of 2002, the debt in respect of Brady bonds amounted to USD 2,698.3 mn.

|                                     | Collateralized<br>Discount Bonds | Collateralized Par<br>Bonds                                    | Collateralized RSTA<br>Bonds                                  | PDI Bonds   | DCB Bonds   | New Money Bonds   |
|-------------------------------------|----------------------------------|--|---|---|---|---|
| Issue date                          | 10/27/1994                       | 10/27/1994   | 10/27/1994  | 10/27/1994  | 10/27/1994  | 10/27/1994  |
| Issue value                         | USD 2,968.2 mn                   | USD 934.7 mn   | USD 894.4 mn  | USD 2,673.6 mn  | USD 393.0 mn  | USD 137.6 mn  |
| Bond's abbreviated name             | Discount                         | Par  | RSTA  | PDI   | DCB   | NMB   |
| Coupon rate                         | 6-month LIBOR +<br>spread 13/16% | increasing from<br>2,75% to 5%; at the<br>end of 2001<br>3,75% | increasing from<br>2,75% to 5%; at the<br>end of 2001<br>4,5% | increasing from<br>3,25% to 7%; at the<br>end of 2001<br>6,0% | increasing from<br>4,5% to 7,5%;at the<br>end of 2001<br>6,0% | 6-month LIBOR +<br>spread 13/16%                            |
| Final maturity                      | 30 years                         | 30 years   | 30 years  | 20 years  | 25 years  | 15 years  |
| Principal payment                   | bullet payment                   | bullet payment   | bullet payment  | in 27 step-up<br>installments with 7-<br>year grace period    | in 11 step-up<br>installments with<br>20-year grace<br>period | in 11 equal<br>installments with<br>10-year grace<br>period |
| Final redemption date               | 10/27/2024                       | 10/27/2024   | 10/27/2024  | 10/27/2014  | 10/27/2019  | 10/27/2009  |
| Interest paid                       | semiannually                     | semiannually   | semiannually  | semiannually  | semiannually  | semiannually  |
| Outstanding debt at the end of 2002 | 0*                               | USD 744.7 mn   | USD 448.6 mn  | USD 1,112.1 mn  | USD 393.0 mn  | 0*  |
| Secondary market registration       | Luxemburg<br>Stock Exchange      | Luxemburg<br>Stock Exchange                                    | Luxemburg<br>Stock Exchange                                   | Luxemburg<br>Stock Exchange                                   | Luxemburg<br>Stock Exchange                                   | Luxemburg<br>Stock Exchange                                 |

#### Table 15. Polish Brady Bonds

\* Early redemption of the bonds

#### 2.4. Special issues of Treasury Securities

Apart from the above-described types of securities The Minister of Finance issues also debt instruments for conversion of outstanding debts. The issues are characterized with a particular feature – they do not have primary market and its role is played by original allocation.

#### 2.4.1. Issue of Treasury Securities designated for conversion of State Treasury Debt to the NBP

On July 18<sup>th</sup>, 1999 an agreement between the National Bank of Poland and the Minister of Finance was signed on conversion of a non-marketable debt in the central bank's portfolio into marketable Treasury Securities. As a result, the NBP became a holder of five types of bonds with parameters comparable with other TS issues present on the domestic market. Total face value of securities issued for conversion of the debt to NBP amounted to PLN 16,439 mn.

The securities characteristics is presented below:

- a) KO0402 maturing on 04/29/2002; total face value PLN 4,133.9 mn; a zero coupon bond,
- b) TK1202 maturing on 12/22/2002; total face value PLN 3,076.3 mn; annual coupon 10.0%;
- c) CK0403 maturing on 04/22/2003; total face value PLN 3,076.3 mn; annual coupon 10.0%;
- d) PK0704 maturing on 07/22/2004; total face value PLN 3,076.3 mn; annual coupon 8.5%;

e) DK0809 – maturing on 08/22/2009; total face value PLN 3,076.3 mn; annual coupon 6.0%.

"Conversion" bonds were used by the NBP for open market operations aiming at permanent limitation of excessive liquidity of banking system in a long-term perspective. Total value conversion securities sold by the central bank to participants of financial market in 2000-2001 is presented in the table below.

On December 31<sup>st</sup>, 2001 the Minister of Finance concluded an agreement with the NBP pursuant to which securities KO0402 held in the central bank's portfolio with face value of PLN 1,948.9 mn were converted into KK1002 series bonds with maturity date October 12<sup>th</sup>, 2002. Value of new series of bonds transferred to the NBP amounted to PLN 1,820.8 mn. On January 9<sup>th</sup>, 2002 those securities were funged with market bond OS1002 of identical maturity and coupon. Due to the above described operations the value of T-bonds resulting from the conversion and hold by the NBP at the end of 2002 amounted to PLN 1,237.53 mn.

| Series | KO0402   | OS1002 | TK1202   | CK0403   | PK0704   | DK0809   | TOTAL     |
|--------|----------|--------|----------|----------|----------|----------|-----------|
| Year   | 100402   | 001002 | 11(1202  | 010403   | 110704   | DIG0003  | TOTAL     |
| 2000   | 853.00   | 0.00   | 354.00   | 343.00   | 171.00   | 501.00   | 2,222.00  |
| 2001   | 1,332.00 | 0.00   | 1,938.00 | 1,370.00 | 519.00   | 1,211.00 | 6,370.00  |
| 2002   | 0.00     | 639.00 | 784.27   | 1,363.27 | 1,475.00 | 1,038.00 | 5,299.53  |
| TOTAL: | 2,185.00 | 639.00 | 3,076.27 | 3,076.27 | 2,165.00 | 2,750.00 | 13,891.53 |

#### ANNEX TO ANNUAL REPORT 2002 - PUBLIC DEBT

#### 2.4.2. Issue of Treasury bonds for the conversion of the debt incurred by the health care units

In December 2001 an operation, lasting since September 1999, of servicing the State Treasury debts resulting from due debts of the health care units was completed. The debts of the State Treasury that arose before December 31<sup>st</sup>, 1998 and were incurred by voivod and other public offices and also by state healthcare units before they obtained their administrative independence.

The registration of debts, conversion of debts into Treasury bonds and cash buy-out operations were held by Bank Handlowy in Warsaw S.A. acting under an agreement concluded with the Minister of Finance on April 1<sup>st</sup>, 1999.

The conversion of different debt types was carried out using three methods:

- a) through direct cash buy-outs of debts owned to direct suppliers of goods and services to health care units;
- b) in auctions for buy-out of debts owned to direct suppliers of goods and services to health care units;
- c) through organization of auctions for conversion of debts hold by banking sector into securities.

Until the end of 2001, health care units debt taken over by the State Treasury and totaling PLN 8.4 billion was paid for (including the banking sector debt totaling PLN 0.8 billion paid for in September 2000 from budget funds). The total face value of T-bonds issued for above purpose amounted to PLN 8.5 billion.

In 2002 operations connected with debt conversion were limited to final verification and appropriate allocation papers in securities accounts.

| O successful and all all a |        |            |            |                 |          |            |            |
|----------------------------|--------|------------|------------|-----------------|----------|------------|------------|
| Conversion date            | Series | Maturity   | Face value | Conversion date | Series   | Maturity   | Face value |
| 09/24/1999                 | DS0509 | 05/24/2009 | 34.005     | 11/21/2000      | PS1005   | 10/12/2005 | 153.040    |
| 10/24/1999                 | DS0509 | 05/24/2009 | 80.535     | 12/15/2000      | PS1005   | 10/12/2005 | 134.058    |
| 11/24/1999                 | OK1201 | 12/21/2001 | 100.825    | 01/23/2001      | PS1005   | 10/12/2005 | 89.299     |
| 12/12/1999                 | OK1201 | 12/21/2001 | 80.414     | 02/23/2001      | PS0206   | 02/12/2006 | 46.554     |
| 01/24/2000                 | DS1109 | 11/24/2009 | 123.862    | 03/23/2001      | PS0206   | 02/12/2006 | 28.147     |
| 02/15/2000                 | OS0202 | 02/12/2002 | 251.452    | 04/23/2001      | PS0206   | 02/12/2006 | 34.431     |
| 02/15/2000                 | OS0203 | 02/12/2003 | 65.561     | 05/25/2001      | PS0506   | 05/12/2006 | 28.178     |
| 02/15/2000                 | OS0204 | 02/12/2004 | 15.874     | 05/29/2001      | OS0202   | 02/12/2002 | 0.004      |
| 02/21/2000                 | PS0205 | 02/12/2005 | 59.307     | 05/29/2001      | OS0204   | 02/12/2004 | 0.001      |
| 03/16/2000                 | PS0205 | 02/12/2005 | 73.527     | 06/25/2001      | PS0506   | 05/12/2006 | 23.305     |
| 03/31/2000                 | OS0202 | 02/12/2002 | 732.274    | 06/28/2001      | OS0604   | 06/12/2004 | 0.003      |
| 03/31/2000                 | OS0203 | 02/12/2003 | 140.057    | 07/25/2001      | PS0506   | 05/12/2006 | 41.437     |
| 03/31/2000                 | OS0204 | 02/12/2004 | 411.186    | 07/26/2001      | OS0202   | 02/12/2002 | 0.061      |
| 04/18/2000                 | PS0205 | 02/12/2005 | 70.220     | 07/26/2001      | OS0602   | 06/12/2002 | 0.025      |
| 04/28/2000                 | OS0202 | 02/12/2002 | 314.015    | 08/24/2001      | PS0506   | 05/12/2006 | 14.949     |
| 04/28/2000                 | OS0204 | 02/12/2004 | 113.194    | 08/30/2001      | OS0202   | 02/12/2002 | 0.145      |
| 05/24/2000                 | DS1109 | 11/24/2009 | 149.854    | 08/30/2001      | OS0604   | 06/12/2004 | 0.754      |
| 05/31/2000                 | OS0202 | 02/12/2002 | 1,226.053  | 09/21/2001      | PS0506   | 05/12/2006 | 10.301     |
| 05/31/2000                 | OS0203 | 02/12/2003 | 32.212     | 10/19/2001      | PS0506   | 05/12/2006 | 11.817     |
| 05/31/2000                 | OS0204 | 02/12/2004 | 94.340     | 10/25/2001      | OS0202   | 02/12/2002 | 0.844      |
| 06/21/2000                 | PS0605 | 06/12/2005 | 92.455     | 10/25/2001      | OS0602   | 06/12/2002 | 0.139      |
|                            | OS0602 | 06/12/2002 | 184.492    | 10/25/2001      | OS0603   | 06/12/2003 | 0.028      |
| 06/30/2000                 | OS0603 | 06/12/2003 | 42.091     | 11/23/2001      | PS1106   | 11/12/2006 | 24.472     |
| 07/21/2000                 | PS0605 | 06/12/2005 | 197.015    | 12/21/2001      | PS1106   | 11/12/2006 | 29.796     |
| 07/31/2000                 | OS0602 | 06/12/2002 | 331.240    | 02/06/2002      | OS0202   | 02/12/2002 | -1.545     |
| 07/31/2000                 | OS0603 | 06/12/2003 | 419.324    | 04/25/2002      | OS0603   | 06/12/2003 | 0.064      |
| 08/22/2000                 | PS0605 | 06/12/2005 | 109.103    | 04/25/2002      | OS0604   | 06/12/2004 | 0.257      |
| 08/31/2000                 | OS0602 | 06/12/2002 | 41.308     | 06/07/2002      | OS0602   | 06/12/2002 | -0.050     |
| 08/31/2000                 | OS0603 | 06/12/2003 | 383.017    | 08/08/2002      | OS0604   | 06/12/2004 | 0.001      |
| 09/19/2000                 | PS0605 | 06/12/2005 | 98.370     |                 | in 1999  |            | 295.779    |
| 09/29/2000                 | OS0602 | 06/12/2002 | 286.384    |                 | In 2000  |            | 7,845.845  |
| 09/29/2000                 | OS0603 | 06/12/2003 | 457.617    |                 | in 2001  |            | 384.690    |
| 09/29/2000                 | OS0604 | 06/12/2004 | 889.864    |                 | In 2002. |            | -1.273     |
| 10/17/2000                 | PS1005 | 10/12/2005 | 153.479    |                 | TOTAL:   |            | 8,525.041  |

Table 17. Bonds for conversion of the health care liabilities issued in 1999-2002 (PLN mn)

2.4.3. Issue of Treasury bonds for conversion of the debt towards trade unions

On August 13<sup>th</sup>, 2001, acting pursuant to the Act of March 29<sup>th</sup>, 2001 on principles and forms of setting the State Treasury Debt arising due to decisions of the Social Re-vindication Commission (Journal of Laws No. 42, item 470), the Minister of Finance issued 2-year zero coupon bonds KO0802 to compensate the assets lost by the trade unions and social organizations during the martial law. Organizations indebted to the State Treasury according to the decision of the Social Re-vindication Commission spoken about in Art.5 of the Law of October 25<sup>th</sup>, 1990 become entitled to those securities. A characteristic of the KO0802 was identical to the OK0802 bonds sold at auctions. Both series were funged and since August 15<sup>th</sup>, 2001 they functioned under the code OK0802. Total value of the securities issued for social organizations within the subject matter conversion amounted to PLN 190.9 mn. This process continued in 2002 based on the same rules. Social organizations were granted with KO0803 series bond of total value 118.4 mn PLN.

| Conversion date | Series | Maturity   | Face value |
|-----------------|--------|------------|------------|
| 08/13/2001      | OK0803 | 08/21/2003 | 187.176    |
| 11/12/2001      | OK0803 | 08/21/2003 | 3.703      |
| 04/12/2002      | OK0404 | 04/21/2004 | 117.709    |
| 10/09/2002      | OK0404 | 04/21/2004 | 0.566      |
| 11/27/2002      | OK0404 | 04/21/2004 | 0.079      |

#### 2.4.4. USD bond for NBP 2001 issue

2-year USD denominated bond was issued on November 13, 2001, with total value 2,140 mn USD. The issue was devoted for state budget liabilities conversion in NBP. Face value of one bond equals 1 mn USD and decreases in case of payment of capital installments or early redemption. Bonds are bearing floating rate coupon (USD 6M LIBOR + 1/8 pp) paid semiannually. In 2002 Minister of Finance twice decided for early redemption. Capital installments were paid in the amount of 1,070 mn USD (4,365.2 mn PLN) and interest rates 35.8 mn USD (142.9 PLN)

#### 2.5. Issue of Non-marketable Treasury Securities

The issues of non-marketable Treasury securities are the issues designed to cover existing debts of the State Treasury and to enable the State Treasury to raise new debts outside the financial market. The State Treasury serviced three types of such issues at the end of 2002. their characteristic is presented in the table below.

|   | USD-denominated bonds  | Restructuring Bonds   | Bonds to increase BGŻ S.A. own funds *   |
|---|--|---|--|
| Issue date  | 01/01/1991   | Series A – 07/30/1993<br>Series B – 12/16/1993<br>Series C – 12/29/1993<br>Series D – 11/21/1994  | I tranche 09/23/1996   |
| lssue face<br>value                                 | 5,453 USD million  | Series A – PLN 1,100 mn<br>Series B – PLN 573.4 mn<br>Series C – PLN 426.6 mn<br>Series D – PLN 1,900 mn<br>each of the series is made up of 28 principal<br>installments   | I tranche: PLN 600 mn<br>each of the tranches is made up of 28<br>principal installments   |
| Face value of one bond                              | USD 1 mn and 10 mn, in 25 series   | 1,000 PLN   | 1,000 PLN  |
| Maturity  | From 1 to 13 years depending<br>on the series number   | From 1.5 to 15.5 years depending on the<br>number of the principal installment  | From 1.5 to 15.5 years depending on the<br>number of the principal installment   |
| Redemption<br>date                                  | from 1/04/1992 to 1/04/2004  | A - from 01/31/1995 to 07/31/2008*<br>B - from 06/17/1995 to 12/17/2008<br>C - from 06/30/1995 to 12/30/2008<br>D - from 05/22/1996 to 11/22/2009   | I tranche from 03/24/1998 to 09/24/2011  |
| Principal and interest paid                         | Semiannually   | Semiannually  | Semiannually   |
| Interest form                                       | Floating:<br>reference rate (arithmetic<br>average 6-month for USD<br>credits in a given semi-annual<br>interest period) + margin (2pp in<br>1991-1995 and 0.5 pp since<br>1996) | Floating: arithmetic average of NBP rediscount rate<br>for a semi-annual interest period; paid interest – 5%<br>buy-back principal, remaining accrued interest<br>increases every time the principal subject to<br>redemption(capitalization of interest) | Floating: arithmetic average of NBP<br>rediscount rate for 6-month interest period<br>paid interest – ½ of the rate of accrued<br>interest, remaining accrued interest increas<br>every time the principal subject to<br>redemption (capitalization of interest) |
| Issue form  | paper (material), bearer   | batch slip for an issue of a given series; registered within first 3 years since issue date, bearer afterwards  | batch slip, registered within first 3 years<br>since issue date, bearer afterwards   |
| Availability to<br>secondary<br>market<br>investors | No limitations, secondary market does not virtually exist  | Available for purchase only for domestic banks and financial institutions and also to the State Treasury; secondary market does not exist virtually   | Available for purchase only for domestic<br>banks and financial institutions and also to<br>the State Treasury; secondary market doe<br>not exist virtually  |
| Debt value<br>nominal) at the<br>end of 2002.       | USD 655 mn (PLN 2,514.4 mn)  | PLN 5,486.2.0 mn  | PLN 795.2 mn   |

\* Early redemption on August 30, 2002 of bonds Series A – face value 220 mn, interest rates 1.808 mn

#### 3. SECONDARY MARKET OF TREASURY SECURITIES

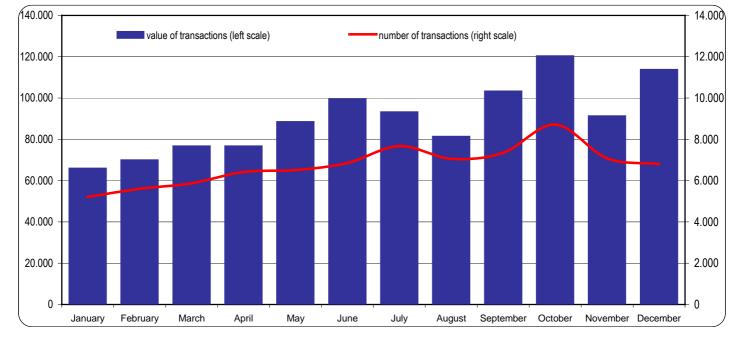
#### 3.1. Secondary market of Treasury bills

Secondary trading of T-bills is effected only on the non-regulated interbank market and on TSEP. Transactions register and their settlement are handled by the NBP Central Registry of Treasury bills (CRTB).

81,129 transactions of total face value PLN 1,081,079 mn were concluded on the secondary market in 2002.

|                        | January  | February | March    | April    | May      | June     | July     | August   | September | October   | November | December  | Total       |
|------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|----------|-----------|-------------|
| Value of transactions  | 65,937.4 | 70,025.9 | 76,755.3 | 76,773.8 | 88,565.0 | 99,535.7 | 93,269.6 | 81,368.2 | 103,357.2 | 120,409.5 | 91,317.2 | 113,763.9 | 1,081,078.7 |
| Number of transactions | 5,207    | 5,606    | 5,866    | 6,421    | 6,510    | 6,850    | 7,673    | 7,052    | 7,351     | 8,713     | 7,075    | 6,805     | 81,129      |

Chart 9. Value of transaction concluded on the T-bills secondary market in 2002(PLN mn)



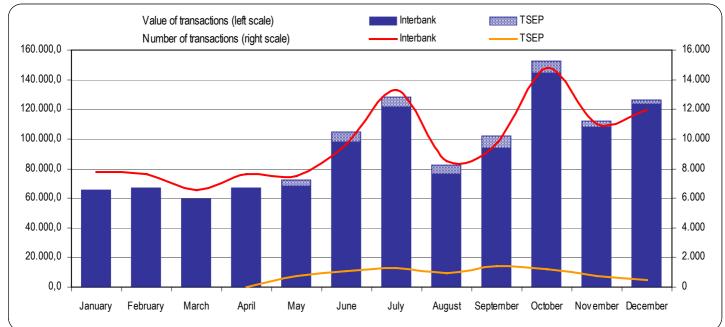
#### 3.2. Secondary market of Treasury bonds

Trading on the secondary market for Treasury bonds is performed on three markets: non-regulated interbank market, TSEP and on regulated market of Warsaw Stock Exchange. Majority of the trading takes place on the non-regulated interbank market (over 95%). 5-year fixed rate bonds are objects of the majority of transactions. Turnover on TSEP amounts between 2% and 5%, while trading at WSE does not exceed 0,5%.

|           |        | January  | February | March    | April    | May      | June      | July      | August   | September | October   | November  | December  | Total       |
|-----------|--------|----------|----------|----------|----------|----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-------------|
| Interbank | Value  | 65,166.1 | 67,114.6 | 59,240.3 | 66,672.6 | 68,181.3 | 98,171.0  | 121,223.4 | 76,266.6 | 93,527.6  | 144,736.7 | 107,772.7 | 123,266.7 | 1,091,339.7 |
| птегранк  | Number | 7,778    | 7,604    | 6,547    | 7,657    | 7,525    | 9,670     | 13,327    | 8,529    | 9,711     | 14,794    | 11,011    | 11,952    | 116,105     |
| TSEP      | Value  | -        | -        | -        | 110      | 4145     | 6420      | 7225      | 6035     | 8735      | 7,805     | 4540      | 2930      | 47945       |
| ISEI      | Number | -        | -        | -        | 17       | 757      | 1093      | 1283      | 968      | 1421      | 1,209     | 770       | 491       | 8009        |
| TOTAL     | Value  | 65,166.1 | 67,114.6 | 59,240.3 | 66,782.6 | 72,326.3 | 104,591.0 | 128,448.4 | 82,301.6 | 102,262.6 | 152,541.7 | 112,312.7 | 126,196.7 | 1,139,284.7 |
| TOTAL     | Number | 7,778    | 7,604    | 6,547    | 7,674    | 8,282    | 10,763    | 14,610    | 9,497    | 11,132    | 16,003    | 11,781    | 12,443    | 124,114     |

Table 21. Value and number of transactions concluded on the Treasury bonds secondary market in 2002 (PLN mn)

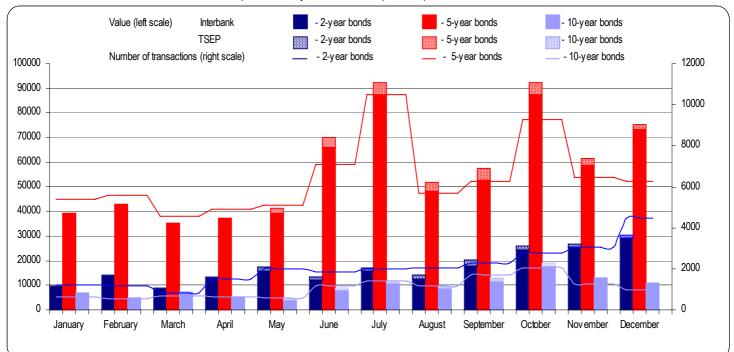
Chart 10. Total value of transactions on the Treasury bonds secondary market in 2002 (PLN mn)



#### Table 22. Value and number of transactions on the fixed coupon Treasury bonds secondary market in 2002 (PLN mn)

|             | and that hat ber of transactions of the fixed boupon fredering bena           |  |   |  |   |   |   |   |   |  |   |   |  |   |  |
|-------------|---|--|---|--|---|---|---|---|---|--|---|---|--|---|--|
|             |   | January  | February  | March  | April   | May   | June  | July  | August  | September  | October   | November  | December   | Total   |  |
| Interbank   | Value   | 9,848.12   | 14,076.46   | 8,897.27   | 13,505.84   | 15,663.91   | 12,025.32   | 15,805.47   | 12,474.03   | 17,770.77  | 24,280.09   | 25,332.15   | 29,332.53  | 199,011.97  |  |
| Interbank   | Number  | 1,220  | 1,181   | 847  | 1,511   | 1,697   | 1,637   | 1,761   | 1,764   | 1,993  | 2,537   | 2,824   | 4,340  | 23,312  |  |
| TSED        | Value   | -  | -   | -  | 30.00   | 1,595.00  | 1,430.00  | 1,375.00  | 1,810.00  | 2,425.00   | 1,675.00  | 1,390.00  | 890.00   | 12,620.00   |  |
| IOLI        | Number  | -  | -   | -  | 5   | 278   | 232   | 234   | 264   | 314  | 247   | 216   | 137  | 1,927   |  |
| τοται       | Value   | 9,848.12   | 14,076.46   | 8,897.27   | 13,535.84   | 17,258.91   | 13,455.32   | 17,180.47   | 14,284.03   | 20,195.77  | 25,955.09   | 26,722.15   | 30,222.53  | 211,631.97  |  |
| TOTAL       | Number  | 1,220  | 1,181   | 847  | 1,516   | 1,975   | 1,869   | 1,995   | 2,028   | 2,307  | 2,784   | 3,040   | 4,477  | 25,239  |  |
| Interbank   | Value   | 39,389.15  | 43,077.10   | 35,347.94  | 37,251.37   | 39,254.25   | 65,898.46   | 87,190.35   | 48,299.99   | 52,481.70  | 87,396.30   | 58,592.33   | 73,349.38  | 667,528.31  |  |
| IIIGIDalik  | Number  | 5,395  | 5,566   | 4,548  | 4,887   | 4,698   | 6,343   | 9,525   | 5,084   | 5,403  | 8,432   | 5,978   | 5,976  | 71,835  |  |
| TOED        | Value   | -  | -   | -  | 80.00   | 2,235.00  | 4,295.00  | 5,285.00  | 3,650.00  | 4,945.00   | 4,940.00  | 2,765.00  | 1,775.00   | 29,970.00   |  |
| IGLI        | Number  | -  | -   | -  | 12  | 420   | 728   | 953   | 598   | 862  | 824   | 488   | 313  | 5,198   |  |
| τοτλι       | Value   | 39,389.15  | 43,077.10   | 35,347.94  | 37,331.37   | 41,489.25   | 70,193.46   | 92,475.35   | 51,949.99   | 57,426.70  | 92,336.30   | 61,357.33   | 75,124.38  | 697,498.31  |  |
| TOTAL       | Number  | 5,395  | 5,566   | 4,548  | 4,899   | 5,118   | 7,071   | 10,478  | 5,682   | 6,265  | 9,256   | 6,466   | 6,289  | 77,033  |  |
| Intorbank   | Value   | 6,828.00   | 4,960.57  | 7,285.91   | 5,401.98  | 3,981.31  | 8,098.00  | 10,869.36   | 8,834.11  | 11,666.10  | 17,871.23   | 12,812.00   | 10,896.50  | 109,505.05  |  |
| IIILEIDAIIK | Number  | 641  | 511   | 684  | 650   | 529   | 1,046   | 1,327   | 1,064   | 1,441  | 1,910   | 1,213   | 921  | 11,937  |  |
| TOED        | Value   | -  | -   | -  | -   | 295.00  | 690.00  | 565.00  | 575.00  | 1,345.00   | 970.00  | 290.00  | 210.00   | 4,940.00  |  |
| IJEF        | Number  | -  | -   | -  | -   | 55  | 132   | 96  | 106   | 241  | 133   | 55  | 34   | 852   |  |
| τοται       | Value   | 6,828.00   | 4,960.57  | 7,285.91   | 5,401.98  | 4,276.31  | 8,788.00  | 11,434.36   | 9,409.11  | 13,011.10  | 18,841.23   | 13,102.00   | 11,106.50  | 114,445.05  |  |
| IUIAL       | Number  | 641  | 511   | 684  | 650   | 584   | 1,178   | 1,423   | 1,170   | 1,682  | 2,043   | 1,268   | 955  | 12,789  |  |
|             | Interbank<br>TSEP<br>TOTAL<br>Interbank<br>TSEP<br>TOTAL<br>Interbank<br>TSEP | Interbank Value<br>Number<br>TSEP Value<br>Number<br>TOTAL Value<br>Number<br>TSEP Value<br>Number<br>TOTAL Value<br>Number<br>TOTAL Value<br>Number<br>TSEP Value<br>Number<br>TSEP Value | January       Interbank     Value     9,848.12       Number     1,220       TSEP     Value     -       Number     -     Value       TOTAL     Value     9,848.12       Number     1,220     Value       Interbank     Value     39,389.15       Number     5,395     Value       TSEP     Value     -       Number     5,395     Value       TOTAL     Value     39,389.15       Number     5,395     Value       TOTAL     Value     6,828.00       Number     6,428.00     Number       TSEP     Value     -       Number     6,428.00     Number       TSEP     Value     -       Number     6,428.00     Number       TSEP     Value     -       Number     6,428.00     Number | January     February       Interbank     Value     9,848.12     14,076.46       Number     1,220     1,181       TSEP     Value     -     -       Number     -     -     -       TOTAL     Value     9,848.12     14,076.46       Number     -     -     -       TOTAL     Value     9,848.12     14,076.46       Number     1,220     1,181       Interbank     Value     39,389.15     43,077.10       Number     -     -     -       TSEP     Value     39,389.15     43,077.10       Number     -     -     -       TOTAL     Value     39,389.15     43,077.10       Number     -     -     -       TOTAL     Value     6,828.00     4,960.57       Number     641     511     -       TSEP     Value     -     -       Number     -     -     -       Number     - | January     February     March       Interbank     Value     9,848.12     14,076.46     8,897.27       Number     1,220     1,181     847       TSEP     Value     -     -       Number     -     -     -       TOTAL     Value     9,848.12     14,076.46     8,897.27       Number     -     -     -     -       TOTAL     Value     9,848.12     14,076.46     8,897.27       Number     1,220     1,181     847       Interbank     Value     39,389.15     43,077.10     35,347.94       Number     5,395     5,566     4,548       TSEP     Value     39,389.15     43,077.10     35,347.94       Number     -     -     -     -       TOTAL     Value     39,389.15     43,077.10     35,347.94       Number     -     -     -     -       TOTAL     Value     6,828.00     4,960.57     7,285.91       Number | January     February     March     April       Interbank     Value     9,848.12     14,076.46     8,897.27     13,505.84       Number     1,220     1,181     847     1,511       TSEP     Value     -     -     30.00       Number     -     -     -     5       TOTAL     Value     9,848.12     14,076.46     8,897.27     13,535.84       Number     -     -     -     5     5     5       TOTAL     Value     9,848.12     14,076.46     8,897.27     13,535.84       Number     1,220     1,181     847     1,516       Interbank     Value     39,389.15     43,077.10     35,347.94     37,251.37       Number     -     -     -     80.00     Number     -     12       TOTAL     Value     39,389.15     43,077.10     35,347.94     37,331.37       Number     -     -     -     12       TOTAL     Value     6,828.00 | January     February     March     April     May       Interbank     Value     9,848.12     14,076.46     8,897.27     13,505.84     15,663.91       Number     1,220     1,181     847     1,511     1,697       TSEP     Value     -     -     30.00     1,595.00       Number     -     -     -     5     278       TOTAL     Value     9,848.12     14,076.46     8,897.27     13,535.84     17,258.91       Number     -     -     -     5     278       TOTAL     Value     9,848.12     14,076.46     8,897.27     13,535.84     17,258.91       Interbank     Value     39,389.15     43,077.10     35,347.94     37,251.37     39,254.25       Number     -     -     -     80.00     2,255.00       Number     -     -     -     12     420       TOTAL     Number     -     -     12     420       TOTAL     Value     39,389.15 | January     February     March     April     May     June       Interbank     Value     9,848.12     14,076.46     8,897.27     13,505.84     15,663.91     12,025.32       TSEP     Number     1,220     1,181     847     1,511     1,697     1,637       TSEP     Value     -     -     30.00     1,595.00     1,430.00       TOTAL     Value     9,848.12     14,076.46     8,897.27     13,535.84     17,258.91     13,455.32       TOTAL     Value     9,848.12     14,076.46     8,897.27     13,535.84     17,258.91     13,455.32       Interbank     Value     9,848.12     14,076.46     8,897.27     13,535.84     17,258.91     13,455.32       Interbank     Value     39,389.15     43,077.10     35,347.94     37,251.37     39,254.25     65,898.46       Number     -     -     -     80.00     2,250.00     4,295.00       TSEP     Value     39,389.15     43,077.10     35,347.94     37,31.37     41,489.25 | January     February     March     April     May     June     July       Interbank     Value     9,848.12     14,076.46     8,897.27     13,505.84     15,663.91     12,025.32     15,805.47       Number     1,220     1,181     847     1,511     1,697     1,637     1,761       TSEP     Value     -     -     30.00     1,595.00     1,430.00     1,375.00       Number     -     -     -     5     278     232     234       TOTAL     Value     9,848.12     14,076.46     8,897.27     13,535.84     17,258.91     13,455.32     17,180.47       Number     1,220     1,181     847     1,516     1,975     1,869     1,995       Interbank     Value     39,389.15     43,077.10     35,347.94     37,251.37     39,254.25     65,898.46     87,190.35       TSEP     Value     -     -     -     80.00     2,235.00     4,295.00     5,285.00       TOTAL     Value     39,389.15 | January     February     March     April     May     June     July     August       Interbank     Value     9,848.12     14,076.46     8,897.27     13,505.84     15,663.91     12,025.32     15,805.47     12,474.03       TSEP     Value     -     -     -     30.00     1,595.00     1,430.00     1,375.00     1,810.00       Number     -     -     -     5     278     232     234     264       TOTAL     Value     9,848.12     14,076.46     8,897.27     13,535.84     17,258.91     13,455.32     17,180.47     14,284.03       Number     1,220     1,181     847     1,516     1,975     1,869     1,995     2,028       Interbank     Value     39,389.15     43,077.10     35,347.94     37,251.37     39,254.25     65,888.46     87,190.35     48,299.99       Number     5,395     5,566     4,548     4,887     4,698     6,343     9,525     5,084       TSEP     Value     39,389.15 | January     February     March     April     May     June     July     August     September       Interbank     Value     9,848.12     14,076.46     8,897.27     13,505.84     15,663.91     12,025.32     15,805.47     12,474.03     17,770.77       Number     1,220     1,181     847     1,511     1,697     1,637     1,761     1,764     1,993       TSEP     Value     -     -     -     5     278     232     234     264     314       TOTAL     Value     9,848.12     14,076.46     8,897.27     13,535.84     17,258.91     13,455.32     17,180.47     14,284.03     20,195.77       Number     -     -     -     5     278     232     234     264     314       TOTAL     Value     9,848.12     14,076.46     8,897.27     13,535.84     17,258.91     13,455.32     17,180.47     14,284.03     20,195.77       Number     1,220     1,181     847     1,516     1,975     1.869 | January     February     March     April     May     June     July     August     September     October       Interbank     Value     9,848.12     14,076.46     8,897.27     13,505.84     15,663.91     12,025.32     15,805.47     12,474.03     17,770.77     24,280.09       TSEP     Value     -     -     30.00     1,595.00     1,430.00     1,375.00     1,810.00     2,425.00     1,675.00       TOTAL     Number     -     -     5     278     232     234     264     314     247       TOTAL     Value     9,848.12     14,076.46     8,897.27     13,535.84     17,258.91     1,455.32     17,180.47     14,284.03     20,195.77     25,955.09       Number     1,220     1,181     847     1,516     1,975     1,869     1,995     2,028     2,307     2,784       Interbank     Value     39,389.15     43,077.10     35,347.94     37,251.37     39,254.25     65,886.46     87,190.35     48,299.99     52,481.70     87, | January     February     March     April     May     June     July     August     September     October     November       Interbank     Value     9,848.12     14,076.46     8,897.27     13,505.84     15,663.91     12,025.32     15,805.47     12,474.03     17,770.77     24,280.09     25,332.15       TSEP     Value     -     -     -     30.00     1,595.00     1,430.00     1,375.00     1,810.00     2,425.00     1,675.00     1,390.00       TSEP     Value     -     -     -     5     278     232     234     264     314     247     216       TOTAL     Value     9,848.12     14,076.46     8,897.27     13,535.84     17,258.91     13,455.32     17,180.47     14,284.03     20,195.77     25,955.09     26,722.15       TOTAL     Value     9,848.12     14,076.46     8,897.27     13,535.84     17,258.91     13,455.32     17,180.47     14,284.03     20,195.77     25,955.09     26,722.15       Number     1,220 | January     February     March     April     May     June     July     August     September     October     November     December       Interbank     Value     9,848.12     14,076.46     8,897.27     13,505.84     15,663.91     12,025.32     15,805.47     12,474.03     17,770.77     24,280.09     25,332.15     29,332.53       TSEP     Value     -     -     30.00     1,595.00     1,430.00     1,375.00     1,810.00     2,425.00     1,675.00     1,390.00     890.00       TOTAL     Value     -     -     -     5     278     232     234     264     314     247     216     137       TOTAL     Value     9,848.12     14,076.46     8,897.27     13,535.84     17,258.91     13,455.32     17,180.47     14,284.03     20,195.77     25,550.92     2,672.15     30,222.53     3,640.4     4,477     216     37,349.38       Interbank     Walue     39,389.15     43,077.10     35,347.94     37,251.37     39,254.25     65,898.46 |  |

#### Chart 11. Value of transactions on the fixed coupon Treasury bonds in 2002 (PLN mn)



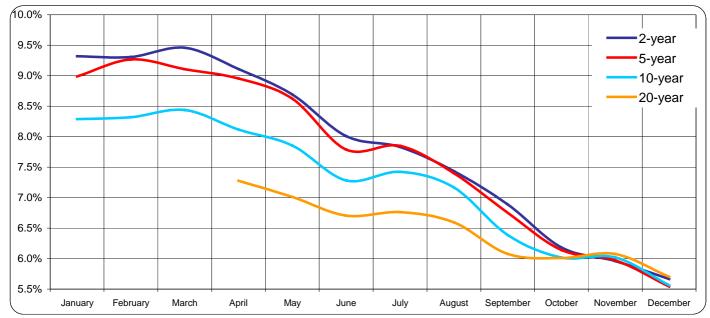


Chart 12. Yield on fixed coupon Treasury bonds on the secondary market in 2002 (bid yield, eom)

#### 3.3. Secondary market for Treasury Securities issued on the international market

The foreign bonds issued by the State Treasury in 1995 –2002 as well as the Polish Brady Bonds are registered at the foreign stock exchanges. However, trading of those securities is concentrated on non-regulated interbank markets that are characterized by significant level of deregulation and decentralization and also by a big number of institutions actively participating in transactions. Those features of the interbank market makes it difficult to monitor and, in practice, the only bond parameter that can be observed and can be used to describe a bond's performance is the margin (so-called spread) above the base i.e., the yield of bonds of similar maturity as considered to be the safest.

Settlements of the Foreign Bonds transactions are effected in two systems: for the US investors by a specialized financial institution, the Depository Trust Company and in the case of investors from outside the US by two European clearing institutions: Euroclear and Clearstream.

# 4. STATE TREASURY DEBT<sup>3</sup>

Table 23. State Treasury debt by place of issue (PLN mn)

| Item  | December 2000 | December 2001 | December 2002 |
|---|---------------|---------------|---------------|
| State Treasury debt                                 | 266,816.8     | 283,937.5     | 327,923.8     |
| I. Domestic debt of State Treasury                  | 145,981.6     | 185,028.4     | 219,366.7     |
| 1. Debt from TS                                     | 132,984.4     | 176,048.4     | 212,371.3     |
| 1.1. Marketable TS                                  | 117,505.2     | 158,689.9     | 195,887.5     |
| 1.1.1. Treasury bills                               | 23,442.3      | 35,215.6      | 42,030.8      |
| 1.1.2. Treasury bonds issued on the domestic market | 94,062.8      | 123,474.3     | 153,856.7     |
| 1.2. Saving bonds                                   | 1,953.4       | 6,058.3       |               |
| 1.3. Non-marketable TS                              | 13,525.8      | 11,300.1      | 8,765.7       |
| 2. Other State Treasury debt                        | 12,997.2      | 8,980.0       | 6,995.4       |
| II. Foreign debt of the State Treasury              | 120,835.2     | 98,909.1      | 108,557.2     |
| 1. Debt from TS                                     | 22,536.9      | 23,366.4      | 29,187.7      |
| 2. Debt from loans                                  | 98,298.2      | 75,542.7      | 79,369.4      |

### Table 24. State Treasury debt by resident (PLN mn)

| Item  | December 200 | 0December 2001 | December 2002 |
|---|--------------|----------------|---------------|
| State Treasury debt                                 | 266,816      | 8 283,937.5    | 327,923.8     |
| I. Domestic debt of State Treasury                  | 130,313      | 9 167,124.7    | 190,347.9     |
| 1. Debt from TS                                     | 117,316      | 6 158,146.0    | 183,383.2     |
| 1.1. Marketable TS                                  | 101,837      | 4 140,787.6    | 166,899.4     |
| 1.1.1. T-bills                                      | 22,786       | 2 34,283.0     | 40,975.3      |
| 1.1.2. Treasury bonds issued on the domestic market | 76,966       | 9 103,663.8    | 123,519.1     |
| 1.1.3. Brady Bonds issued on the foreign market     | 2,084        | 2 2,840.8      | 2,405.0       |
| 1.2. Savings bonds                                  | 1,953        | 4 6,058.3      | 7,718.2       |
| 1.3. Non-marketable bonds                           | 13,525       | 8 11,300.1     | 8,765.7       |
| 2. Other State Treasury debt                        | 12,997       | 2 8,978.7      | 6,964.7       |
| II. Foreign debt of the State Treasury              | 136,503      | 0 116,812.8    | 137,575.9     |
| 1. Debt from TS                                     | 38,204       | 7 41,268.7     | 58,175.8      |
| 1.1. Marketable TS                                  | 38,204       | 7 41,268.7     | 58,175.8      |
| 1.1.1. T-bills                                      | 656          | 1 932.6        | 1,055.5       |
| 1.1.2. Treasury bonds issued on the domestic market | 17,095       | 9 19,810.5     | 30,337.6      |
| 1.1.3. Brady Bonds issued on the foreign market     | 20,452       | 7 20,525.6     | 26,782.8      |
| 2. Debt from loans                                  | 98,298       | 2 75,542.7     | 79,369.4      |
| 3. Other debt                                       | 0            | 0 1.4          | 30.7          |

| Table 25. State Treasury debt by place of issue and by instrument (nominal, PLN m |             | <u> </u> |               |
|---|-------------|----------|---------------|
| Item  |             |          | December 2002 |
| State Treasury debt   | 266,816.8   |          | 327,923.8     |
| I. State Treasury Domestic debt   | 145,981.6   |          | 219,366.7     |
| 1. Debt from TS   | 132,984.4   |          | 212,371.3     |
| 1.1. Marketable TS  | 117,505.2   |          | 195,887.5     |
| Treasury bills  | 23,442.3    |          | 42,030.8      |
| Treasury bonds  | 94,062.8    |          | 153,856.7     |
| Fixed-rate marketable bonds   | 75,411.8    |          | 133,763.5     |
| 1-year fixed rate bonds   | 0.0         |          | 0.0           |
| 2-year zero coupon bonds  | 11,711.6890 |          | 37,740.4      |
| fixed rate bonds up to 5-year   | 42,111.6    | ,        | 67,772.8      |
| 5-year fixed rate retail bonds  | 0.0         |          | 1,762.6       |
| 10-year fixed rate bonds  | 5,149.5     | 9,049.5  | 16,375.1      |
| 20-year fixed rate bonds  | 0.0         | 0.0      | 1,400.0       |
| 60% internal state loan bonds   | 0.0         | 0.0      | 0.0           |
| 2-year zero coupon bonds – converted <sup>1)</sup>                                | 4,133.9     | 1,877.1  | 0.0           |
| 3-year fixed rate bonds - converted 1)  | 3,076.3     | 3,076.3  | 0.0           |
| 4-year fixed rate bonds - converted 1)  | 3,076.3     | 3,076.3  | 2,560.0       |
| 5-year fixed rate bonds - converted 1)  | 3,076.3     |          | 3,076.3       |
| 10-year fixed rate bonds – converted 1)   | 3,076.3     | 3,076.3  | 3,076.3       |
| Floating-rate marketable bonds  | 18,651.1    | 25,948.3 | 20,093.2128   |
| 1-year floating rate bonds  | 0.0         |          | 0.0           |
| 3-year floating rate bonds  | 10,684.9    | 8,061.5  | 6,134.08      |
| floating rate bonds up to 10-year   | 7,966.1     | 9,356.1  | 9,851.6       |
| so-called exchangeable for shares bonds <sup>2)</sup>                             | 0.1         | 0.0      | 0.0           |
| USD-denominated bonds '01)3)  | 0.0         | 8,530.7  | 4,107.5       |
| 1. 2. Saving bonds  | 1,953.4     | 6,058.3  | 7,718.2       |
| 2-year savings bonds  | 1,460.9     | 5,168.7  | 6,670.4       |
| 4-year savings bonds  | 492.6       |          | 1,047.8       |
| 1.3. Non-marketable bonds   | 13,525.8    |          | 8,765.7       |
| restructuring bond 4)   | 6,402.6     |          | 5,486.2       |
| bonds to increase BGŻ bank's own funds  | 788.3       |          | 765.1         |
| USD-denominated bonds '91   | 6,335.0     |          | 2,514.4       |
| 2. Other State Treasury debt  | 12,997.2    |          | 6,995.4       |
| current settlements with banks 4)   | 41.4        |          | 0.0           |
| advances on cars  | 3.7         |          | 3.4           |
| due debts   | 2,484.1     |          | 426.2         |
| debt from freezing of salaries in public sector                                   | 9,564.5     |          | 4,761.2       |
| debts to trade unions <sup>5)</sup>   | 158.4       |          | 4.637         |
| Labor Fund debt <sup>6)</sup>   | 745.1       |          | 1,800.0       |
| II. Foreign debt of the State Treasury  | 120,835.185 |          | 108,557.2     |
| 1. Debt from TS   | 22,536.9    |          | 29,187.7      |
| Brady Bonds   | 18,074.3    |          | 10,358.3      |
| International Bonds   | 4,462.6     |          | 18,829.4      |
| 2. Debt from loans  | 98,298.2    |          | 79,369.4      |
| Paris Club creditors  | 87,724.8    |          | 65,960.5      |
| International Financial Institutions, of which:                                   | 9,572.9     |          | 11,538.2      |
| the World Bank  | 7,260.1     |          | 7,215.3       |
| Other creditors   | 1,000.6     |          | 1,870.7       |
|   | 1,000.0     | 159.1    | 1,070.7       |
| Exchange rate used for calculations (1PLN/1USD) ( fixing NBP)                     | 4.1432      | 3.9863   | 3.8388        |
|   | 7,1432      | 0.7000   | 0.0000        |

Exchange rate used for calculations (1PLN/1EUR) (fixing NBP) 1) Resulting from conversion of non-marketable liabilities of Polish State Budget to NBP into marketable bonds, converted in September 1999 and December 1999.

Resulting non-conversion of non-intraceable liabilities of Polish State Budget to NBP into intraceable bonds, converted in Sep 2) Servicing of exchangeable for shares bonds ended December 31, 2000
Bonds issued (USD 2,140 mn) for premature redemption of Polish debt towards Brazil
Starting March 2001 r. State Treasury debt resulting from current settlements with banks is presented in "due debts" position;
Debt to trade unions and social organizations arising from compensation of possessions lost due to imposition of martial law;
For loan raised with commercial banks.

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### ANNEX TO ANNUAL REPORT 2002 - PUBLIC DEBT

Table 26. State Treasury domestic debt by place of issue by holder (nominal, PLN mn)

| Item  | Nationa   | I Bank of | Poland    |           | commerc  | ial banks | Non-bank  |          | stic sector |           | eign inves |          |           | TOTAL     |           |
|---|-----------|-----------|-----------|-----------|----------|-----------|-----------|----------|-------------|-----------|------------|----------|-----------|-----------|-----------|
|   | Dec. 2000 |           | Dec. 2002 | Dec. 2000 |          | Dec. 2002 | Dec. 2000 |          | Dec. 2002   | Dec. 2000 |            |          |           |           |           |
| Domestic debt of State Treasury                 | 16,781.6  | 18,159.0  | 6,728.4   | 49,901.8  | 59,154.1 | 71,882.1  | 61,546.2  | 86,972.2 | 109,363.0   | 17,752.0  | 20,743.1   | 31,393.2 | 145,981.6 | 185,028.4 | 219,366.7 |
| 1. Debt from TS                                 | 16,781.6  | 18,159.0  | 6,728.4   | 48,371.3  | 58,249.1 | 70,081.9  | 50,079.6  | 78,897.2 | 104,167.9   | 17,752.0  | 20,743.1   | 31,393.2 | 132,984.4 | 176,048.4 | 212,371.3 |
| 1.1 Marketable TS                               | 14,217.0  | 16,249.6  | 5,553.7   | 37,410.1  | 48,858.3 | 62,490.9  | 48,126.1  | 72,838.9 | 96,449.8    | 17,752.0  | 20,743.1   | 31,393.1 | 117,505.2 | 158,689.9 | 195,887.5 |
| Treasury bills                                  |           |           |           | 11,838.9  | 19,722.8 | 23,690.5  | 10,947.3  | 14,560.3 | 17,284.8    | 656.1     | 932.6      | 1,055.5  | 23,442.3  | 35,215.6  | 42,030.8  |
| 1-year fixed rate bonds                         |           |           |           |           |          |           |           |          |             |           |            |          | 0.0       | 0.0       | 0.0       |
| 1-year floating rate bonds                      |           |           |           |           |          |           |           |          |             |           |            |          | 0.0       | 0.0       | 0.0       |
| 2-year zero coupon bonds                        |           |           |           | 1,761.3   | 898.9    | 185.6     | 8,888.5   | 7,128.6  | 5,917.7     | 35.1      | 34.0       | 30.7     | 10,684.9  | 8,061.5   | 6,134.1   |
| 3-year floating rate bonds                      |           |           |           | 4,159.3   | 7,729.0  | 15,584.2  | 3,484.5   | 9,821.9  | 14,304.3    | 4,067.9   | 4,422.9    | 7,851.9  | 11,711.7  | 21,973.8  | 37,740.4  |
| fixed rate bonds up to 5-year                   |           | 1,820.8   |           | 16,361.9  | 14,729.1 | 15,878.8  | 14,445.7  | 22,464.5 | 33,783.5    | 11,304.1  | 12,921.4   | 18,110.6 | 42,111.7  | 51,935.9  | 67,772.8  |
| 5-year fixed rate retail bonds                  |           |           |           |           | 22.4     | 3.6       |           | 362.3    | 1,757.5     |           | 0.1        | 1.5      | 0.0       | 384.8     | 1,762.6   |
| 10-year fixed rate bonds                        |           |           |           | 166.5     | 254.3    | 889.5     | 3,294.9   | 6,617.8  | 11,217.0    | 1,688.1   | 2,177.3    | 4,268.6  | 5,149.5   | 9,049.5   | 16,375.1  |
| Floating rate bonds up to 10-year               |           |           |           | 2,247.2   | 1,923.0  | 2,881.8   | 5,718.2   | 7,178.4  | 6,957.0     | 0.8       | 254.7      | 12.8     | 7,966.1   | 9,356.1   | 9,851.6   |
| 20-year fixed rate bonds                        |           |           |           |           |          |           |           |          | 1,338.4     |           |            | 61.6     | 0.0       | 0.0       | 1,400.0   |
| 2-year zero coupon bonds – converted            | 3,280.9   | 0.0       | 0.0       | 460.5     | 1,176.2  |           | 392.5     | 700.8    | 0.0         |           |            |          | 4,133.9   | 1,877.1   | 0.0       |
| 3-year fixed rate bonds - converted             | 2,722.3   | 784.3     | 0.0       | 194.0     | 1,539.7  |           | 160.0     | 752.3    | 0.0         |           |            |          | 3,076.3   | 3,076.3   | 0.0       |
| 4-year fixed rate bonds - converted             | 2,733.3   | 1,363.3   | 208.4     | 205.4     | 752.6    | 1,806.8   | 137.6     | 960.4    | 544.8       |           |            |          | 3,076.3   | 3,076.3   | 2,560.0   |
| 5-year fixed rate bonds - converted             | 2,905.3   | 2,386.3   | 911.3     | 15.0      | 80.4     | 1,253.1   | 156.0     | 609.6    | 911.9       |           |            |          | 3,076.3   | 3,076.3   | 3,076.3   |
| 10-year fixed rate bonds - converted            | 2,575.3   | 1,364.3   | 326.6     | 0.0       | 30.1     | 316.9     | 501.0     | 1,681.9  | 2,432.8     |           |            |          | 3,076.3   | 3,076.3   | 3,076.3   |
| 60% internal state loan bonds                   |           |           |           |           |          |           |           |          |             |           |            |          | 0.0       | 0.0       | 0.0       |
| so-called exchangeable for shares bonds         |           |           |           |           |          |           | 0.1       |          |             |           |            |          | 0.1       | 0.0       | 0.0       |
| USD-denominated bonds '01                       |           | 8,530.7   | 4,107.5   |           |          |           |           |          |             |           |            |          | 0.0       | 8,530.7   | 4,107.5   |
| 1.2 Savings bonds                               | 0.0       | 0.0       |           |           |          |           | 1,953.4   | 6,058.3  | 7,718.1     |           |            | 0.1      | 1,953.4   | 6,058.3   | 7,718.2   |
| 2-year savings bonds                            |           |           |           |           |          |           | 1,460.9   | 5,168.7  | 6,670.3     |           |            | 0.1      | 1,460.9   | 5,168.7   | 6,670.4   |
| 4-year savings bonds                            |           |           |           |           |          |           | 492.6     | 889.6    | 1,047.7     |           |            | 0.0      | 492.6     | 889.6     | 1,047.8   |
| 1.3 Non-marketable TS                           | 2,564.6   | 1,909.4   | 1,174.7   | 10,961.2  | 9,390.7  | 7,591.0   |           |          |             |           |            |          | 13,525.8  | 11,300.1  | 8,765.7   |
| USD-denominated bonds '91                       |           |           |           | 6,402.6   | 6,148.0  | 5,486.2   |           |          |             |           |            |          | 6,402.6   | 6,148.0   | 5,486.2   |
| bonds to increase BGŻ bank's own funds          |           |           |           | 788.3     | 795.2    | 765.1     |           |          |             |           |            |          | 788.3     | 795.2     | 765.1     |
| restructuring bond                              | 2,564.6   | 1,909.4   | 1,174.7   | 3,770.3   | 2,447.6  | 1,339.7   |           |          |             |           |            |          | 6,335.0   | 4,357.0   | 2,514.4   |
| 2. Other State Treasury debt                    | 0.0       | 0.0       | 0.0       | 1,530.5   | 905.0    | 1,800.3   | 11,466.7  | 8,075.0  | 5,195.1     |           |            |          | 12,997.2  | 8,980.0   | 6,995.4   |
| Current settlements with banks                  |           |           |           | 41.4      | 0.0      | 0.0       |           |          |             |           |            |          | 41.4      | 0.0       | 0.0       |
| advances on cars                                |           |           |           |           |          |           | 3.7       | 3.6      | 3.4         |           |            |          | 3.7       | 3.6       | 3.4       |
| due debts                                       |           |           |           | 744.1     | 0.7      | 0.3       | 1,740.0   | 727.3    | 425.9       |           |            |          | 2,484.1   | 728.0     | 426.2     |
| debt from freezing of salaries in public sector |           |           |           |           |          |           | 9,564.5   | 7,337.0  | 4,761.2     |           |            |          | 9,564.5   | 7,337.0   | 4,761.2   |
| debts to trade unions                           |           |           |           |           |          |           | 158.4     | 7.1      | 4.6         |           |            |          | 158.4     | 7.1       | 4.6       |
| Labor Fund debt                                 |           |           |           | 745.1     | 904.3    | 1,800.0   |           |          |             |           |            |          | 745.1     | 904.3     | 1,800.0   |

### Table 27. State Treasury debt servicing costs by instrument (PLN mn)

|  | 200      | 0      | 200      | 1      | 2002     |        |  |
|--|----------|--------|----------|--------|----------|--------|--|
| Item                                       | PLN mn   | %      | PLN mn   | %      | PLN mn   | %      |  |
| Debt Servicing in Total                    | 18,023.1 | 100.0% | 20,906.2 | 100.0% | 24,048.3 | 100.0% |  |
| Domestic Debt                              | 13,726.5 | 76.2%  | 17,112.4 | 81.9%  | 1        | 84.5%  |  |
| I.Treasury Securities                      | 13,415.7 | 74.4%  | 16,982.4 | 81.2%  | 20,193.9 | 84.0%  |  |
| T-bills                                    | 3,088.7  | 17.1%  | 4,075.5  | 19.5%  | 4,686.8  | 19.5%  |  |
| Marketable T-bonds                         | 8,514.7  | 47.2%  | 9,628.5  | 46.1%  | 13,310.8 | 55.4%  |  |
| bonds converted at NBP                     | 854.2    | 4.7%   | 1,568.4  | 7.5%   | 1,563.5  | 6.5%   |  |
| bonds converted for health care units debt | 0.0      | 0.0%   | 913.3    | 4.4%   | 0.0      | 0.0%   |  |
| USD denominated bond from 2001             | 0.0      | 0.0%   | 0.0      | 0.0%   | 142.9    | 0.6%   |  |
| non-marketable bonds                       | 958.1    | 5.3%   | 796.8    | 3.8%   | 489.9    | 2.0%   |  |
| II. Settlement of granted guarantees       | 310.8    | 1.7%   | 122.3    | 0.6%   | 130.0    | 0.5%   |  |
| Foreign Debt                               | 4,296.6  | 23.8%  | 3,793.8  | 18.1%  | 3,724.4  | 15.5%  |  |
| I. Loans                                   | 2,781.2  | 15.4%  | 2,522.2  | 12.1%  | 2,069.2  | 8.6%   |  |
| Paris Club                                 | 2,281.5  | 12.7%  | 2,030.3  | 9.7%   | 1,537.8  | 6.4%   |  |
| World Bank                                 | 384.5    | 2.1%   | 363.0    | 1.7%   | 320.9    | 1.3%   |  |
| European Investment Bank                   | 74.5     | 0.4%   | 100.1    | 0.5%   | 135.3    | 0.6%   |  |
| Council of Europe Development Bank         | 8.5      | 0.0%   | 16.8     | 0.1%   | 50.8     | 0.2%   |  |
| Other loans                                | 32.2     | 0.2%   | 12.0     | 0.1%   | 24.4     | 0.1%   |  |
| II. Treasury Securities                    | 1,514.8  | 8.4%   | 1,194.8  | 5.7%   |          | 6.5%   |  |
| Brady Bonds                                | 1,338.6  | 7.4%   | 914.3    | 4.4%   | 888.6    | 3.7%   |  |
| International Bonds                        | 176.2    | 1.0%   | 280.5    | 1.3%   | 674.6    | 2.8%   |  |
| III. Settlement of granted guarantees      | 0.6      | 0.0%   | 76.8     | 0.4%   | 92.0     | 0.4%   |  |

#### ANNEX TO ANNUAL REPORT 2002 - PUBLIC DEBT

Table 28. State Treasury debt by place of issue and by maturity (nominal, PLN mn)

| Item                         | December 2000 | December 2001 | December 2002 |
|------------------------------|---------------|---------------|---------------|
| Treasury Securities          | 132,984.41    | 176,048.39    | 212,371.31    |
| up to 1 year (included)      | 44,789.50     | 66,459.64     | 80,775.78     |
| from 1 to 3 years (included) | 40,009.26     | 55,276.74     | 57,131.37     |
| from 3 to 5 years (included) | 29,415.86     | 32,883.83     | 41,214.88     |
| over 5 years                 | 18,769.79     | 21,428.17     | 33,249.29     |
| T-bills up to one year       | 23,442.32     | 35,215.64     | 42,030.81     |
| Marketable bonds             | 94,062.84     | 123,474.30    | 153,856.67    |
| Fixed rate bonds             | 75,411.77     | 97,526.04     | 133,763.46    |
| up to 1 year (included)      | 13,083.97     | 23,886.09     | 26,220.70     |
| from 1 to 3 years (included) | 28,222.04     | 33,349.25     | 46,086.19     |
| from 3 to 5 years (included) | 25,880.03     | 28,164.98     | 36,910.87     |
| over 5 years                 | 8,225.73      | 12,125.73     | 24,545.70     |
| Floating rate bonds          | 18,651.07     | 25,948.26     | 20,093.21     |
| up to 1 year (included)      | 5,288.76      | 3,629.80      | 5,873.90      |
| from 1 to 3 years (included) | 5,396.18      | 12,962.35     | 4,867.69      |
| from 3 to 5 years (included) | 500.00        | 2,516.86      | 2,288.63      |
| over 5 years                 | 7,466.12      | 6,839.25      | 7,062.99      |
| Saving bonds                 | 1,953.44      | 6,058.30      | 7,718.16      |
| up to 1 year (included)      | 345.43        | 1,094.10      | 4,050.68      |
| from 1 to 3 years (included) | 1,133.00      | 4,554.17      | 3,496.36      |
| from 3 to 5 years (included) | 475.01        | 410.02        | 171.12        |
| Non-marketable bonds         | 13,525.82     | 11,300.15     | 8,765.68      |
| up to 1 year (included)      | 2,629.02      | 2,634.01      | 2,599.69      |
| from 1 to 3 years (included) | 5,258.04      | 4,410.97      | 2,681.12      |
| from 3 to 5 years (included) | 2,560.81      | 1,791.97      | 1,844.27      |
| over 5 years                 | 3,077.95      | 2,463.19      | 1,640.60      |

On Ministry of Finance website you may find data on State Treasury debt in following files:

State budget debt, by place of issue by instrument: http://www.mf.gov.pl/\_files\_/english/public\_dept/state\_budget\_debt/st\_debt\_by\_instrument.xls

Domestic debt, by place of issue by holder:

http://www.mf.gov.pl/\_files\_/english/public\_dept/state\_budget\_debt/domestic\_debt\_by\_holder1.xls

State budget debt, by resident:

http://www.mf.gov.pl/\_files\_/english/public\_dept/state\_budget\_debt/st\_debt\_by\_resident.xls

Domestic debt of the State Treasury in Treasury Securities - by instrument: <u>http://www.mf.gov.pl/\_files\_/english/public\_dept/state\_budget\_debt/domestic\_debt\_of\_the\_st\_in\_tss\_by\_instrument.xls</u>

Domestic debt of the State Treasury in Treasury Securities - by holder: http://www.mf.gov.pl/\_files\_/english/public\_dept/state\_budget\_debt/domestic\_debt\_of\_the\_st\_in\_tss\_by\_holder1.xls

#### 5. INSTITUTIONAL STRUCTURE OF THE TREASURY SECURITIES MARKET

The legal operational basis of the main institutions of the public capital market and mainly the regulated market in Poland is the Law on Public Trading of Securities binding since 1998. The Law regulates public turnover of securities and other instruments introduced for public trading and also provides the rules of establishing, organization and supervision of entities active in trading. In case of the non-regulated market the standards in force are those generally recognized by the institutions creating that market. The following entities are organizationally involved in the Polish Treasury Securities Market:

The Minister of Finance acting on behalf of the State Treasury - the issuer of Treasury Securities,

- a) The National Bank of Poland the issue agent of Treasury Securities offered on the domestic wholesale market, providing also cash service of the state budget,
- b) The Polish Securities and Exchange Commission (PSEC) institution responsible for control and supervision of the public securities markets and its institutions,
- c) The National Depository for Securities (NDS) Depository and settlements institution for securities including Treasury bonds,
- d) The Central Brokerage House PeKaO S.A. (CBH Pekao S.A.) issue agent of retail bonds sold in the retail net till July 31, 2003,
- e) Powszechna Kasa Oszczędności Bank Polski S.A (PKO BP S.A.) issue agent of retail bonds sold in the retail net from August 1, 2003,
- Bank Handlowy in Warsaw S.A. (BH) payment agent of a part of the State Treasury foreign debt (including T-bonds) and agent servicing State Treasury debt arising from outstanding liabilities of health care units,
- g) Domestic banks main participants of the Treasury Securities market,
- h) Brokerage houses entities intermediating on primary and secondary markets for securities,
- i) Institutions participating in foreign bond issues,
- j) The Warsaw Stock Exchange S.A. (WSE) institution organizing regulated secondary market of Treasury bonds,
- k) The Polish Financial Exchange S.A. (PFE) organizer of a free non-regulated secondary market for trading fixed rate Treasury bills and Bonds of selected series,
- I) Centralna Tabela Ofert S.A. (CeTO) organizer of secondary market (TSEP) for T-bills and T-bonds offered at auctions.

#### 5.1. Useful addresses

Ministry of Finance 12 Świętokrzyska St., 00 - 916 Warszawa tel: (4822) 694-55-55 www.mofnet.gov.pl

Warsaw Stock Exchange 4 Książęca St. 00 - 498 Warszawa tel: (4822) 628-32-32 www.gpw.com.pl

Centralna Tabela Ofert S.A. 14 Leszno St, 01-192 Warszawa tel. (4822) 535-69-00 <u>www.ceto.pl</u> National Bank of Poland 11/21 Świętokrzyska St., 00 - 049 Warszawa tel: (4822) 653-10-00 www.nbp.pl

Central Brokerage House PeKao SA 18 Wołoska St., 02 - 675 Warszawa tel: (4822) 640-28-40, 640-26-40 www.cdmpekao.com.pl

Powszechna Kasa Oszczędności Bank Polski S.A. 15 Puławska St, 02-515 Warszawa tel. 0-800 120-139 (hotline) tel. 0-801 124-365 (hotline) tel. (4822) 639-66-00 www.pkobp.pl Polish Securities and Exchange Commission 1 Plac Powstańców Warszawy 00 - 009 Warszawa tel: (4822) 826-10-31 www.kpwig.gov.pl

National Depository for Securities 4 Książęca St., 00-498 Warszawa tel: (4822) 537-95-88 www.kdpw.com.pl

Page dedicated for T-bonds individual investors (in Polish only) http://www.obligacjeskarbowe.pl