Banknotes in circulation

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Frankfurt, 14 February 2007
## Consolidated balance sheet of the Eurosystem

**Consolidated balance sheet of the Eurosystem, 2 February 2007**

*(in billion of EUR)*

<table>
<thead>
<tr>
<th>Assets</th>
<th>Liabilities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Autonomous liquidity factors</strong></td>
<td><strong>Autonomous liquidity factors</strong></td>
</tr>
<tr>
<td>Net foreign assets (A.1+A.2+A.3 -L.6-L.7-L.8)</td>
<td>Banknotes in circulation (L.1)</td>
</tr>
<tr>
<td></td>
<td>310.8</td>
</tr>
<tr>
<td>Domestic assets portfolio (A.7+A.8)</td>
<td>Government deposits (L.5.1)</td>
</tr>
<tr>
<td></td>
<td>121.5</td>
</tr>
<tr>
<td><strong>Monetary Policy Instruments</strong></td>
<td><strong>Monetary Policy Instruments</strong></td>
</tr>
<tr>
<td>Main refinancing operation (A.5.1)</td>
<td>Current accounts - Res. Requ. (L.2.1)</td>
</tr>
<tr>
<td></td>
<td>292.5</td>
</tr>
<tr>
<td>Longer term ref. Operation (A.5.2)</td>
<td>Absorbing Operations (L.2- L.2.1)</td>
</tr>
<tr>
<td></td>
<td>130.0</td>
</tr>
<tr>
<td>Marginal lending facility (A.5.5)</td>
<td>Deposit facility (L.2.2)</td>
</tr>
<tr>
<td></td>
<td>0.0</td>
</tr>
<tr>
<td></td>
<td><strong>854.8</strong></td>
</tr>
</tbody>
</table>

**854.8**
Consolidated balance sheet of the Eurosystem

Consolidated balance sheet of the Eurosystem, 2 February 2007

Assets

- Autonomous factors
- Refinancing Operations (net)
- Current accounts
- Standing facilities

Liabilities
Compared Balance sheets: Eurosystem - FED

The following table provides a consolidated balance sheet of the Eurosystem, 2 February 2007, compared with FEB, January 2007. The balance sheet is presented in billion of EUR and EUR $.

<table>
<thead>
<tr>
<th>Assets</th>
<th>Comparison with FEB, January 2007</th>
<th>Liabilities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Autonomous liquidity factors</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Net foreign assets (A.1+A.2+A.3  
-L.6-L.7-L.8) | 41 311 | | |
| Domestic assets portfolio (A.6+A.7+A.8) | 779 122 | | |
| **Monetary Policy Instruments** | | |
| Main refinancing operation (A.5.1) | 293 32 | | |
| Longer term ref. Operation (A.5.2) | 130 | | |
| Marginal lending facility (A.5.5) | 0 0 | | |
| **Total** | 851 855 | | 851 855 |
Compared Balance sheets: Eurosystem - FED

- Assets
  - Eurosystem
  - FED

- Liabilities
  - Eurosystem
  - FED

Comparison FED and Eurosystem

- Autonomous factors
- Refinancing Operations (net)
- Current accounts - RR
- Standing facilities
Special factors

Year 2000 effect

Cash changeover effect
Banknotes in circulation
Banknotes - GDP

- Euro banknotes to GDP
- Euro legacy currency banknotes to GDP
## Banknotes denominations in April 2006

<table>
<thead>
<tr>
<th></th>
<th>€ 500</th>
<th>€ 200</th>
<th>€ 100</th>
<th>€ 50</th>
<th>€ 20</th>
<th>€ 10</th>
<th>€ 5</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of banknotes (in million)</td>
<td>384</td>
<td>148</td>
<td>1015</td>
<td>3593</td>
<td>2119</td>
<td>1738</td>
<td>1266</td>
<td>10261</td>
</tr>
<tr>
<td>Share in total number of banknotes (in percent)</td>
<td>3.7%</td>
<td>1.4%</td>
<td>9.9%</td>
<td>35.0%</td>
<td>20.6%</td>
<td>16.9%</td>
<td>12.3%</td>
<td>100.0</td>
</tr>
<tr>
<td>Circulation in value (in EUR billion)</td>
<td>192</td>
<td>30</td>
<td>101</td>
<td>180</td>
<td>42</td>
<td>17</td>
<td>6</td>
<td>569</td>
</tr>
<tr>
<td>Share in total value of banknotes in circulation (in percent)</td>
<td>33.8%</td>
<td>5.2%</td>
<td>17.8%</td>
<td>31.6%</td>
<td>7.4%</td>
<td>3.1%</td>
<td>1.1%</td>
<td>100.0</td>
</tr>
<tr>
<td>Annual rate of growth (in percent)</td>
<td>20.9%</td>
<td>3.9%</td>
<td>10.8%</td>
<td>11.3%</td>
<td>3.9%</td>
<td>3.6%</td>
<td>3.1%</td>
<td>12.8%</td>
</tr>
</tbody>
</table>
Banknotes denominations
(in value, EUR billion)
Denominations EUR and DEM

Share of different denominations in circulation: EUR
(in value terms, December 2005)

Share of different denominations in circulation: DEM
(in value terms, December 2000)
US Dollar circulation 1960 - 2003 in %

Share of different denominations in circulation: USD

Denomination USD

Denomination CHF

Share of different denominations in circulation: CHF

CHF banknotes in circulation in % per denomination

CHF 10/EUR 6.45  CHF 20/EUR 12.90  CHF 50/EUR 32.26  CHF 100/EUR 64.52  high denominations
Intra-weekly seasonality
(average banknotes per day of the week over the last 2 years)
Intra-monthly seasonality
(average banknotes per day of the month over the last 2 years)

- **Eurosystem**
- **Banco de España**
- **Deutsche Bundesbank**
- **Banque de France**
Intra-yearly seasonality
(average banknotes per month of the year over the last 2 years)
Forecasting errors of banknotes

Standard deviation of accumulated forecast errors for banknotes

PDF of accumulated 8-day forecast errors
ECB Rates and Eonia

Marginal lending rate
Marginal rate in main refinancing operation
EONIA
Deposit Rate
Minimum bid rate

% 6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5

Jan May Sep Jan May Sep Jan May Sep Jan May Sep Jan May Sep Jan May Sep Jan May Sep