Selected Interest & Exchange Rates

Weekly Series of Charts

December 13, 1999

Prepared by the
FINANCIAL MARKETS
SECTION

DIVISION OF
INTERNATIONAL FINANCE

BOARD OF GOVERNORS
FEDERAL RESERVE SYSTEM
Washington, D.C. 20551
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SUBSCRIPTION RATES:

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Chart 1
Nominal Currency Exchange Values
Dollar prices of foreign currencies and weighted average values of U.S. dollar
(Averages for week ending Wednesday, ratio scale, March 1973 = 100)

Foreign currency price of U.S. dollar
(Major currencies index)

Restated German mark and euro

Canadian dollar

Japanese yen

U.K. pound

Swiss franc

Australian dollar

Swedish krona
Chart 2

3-Month Forward Exchange Rates
Premium (+) or (-)
(Averages for week ending Wednesday, percent per annum)

German mark and euro

U.K. pound

Canada

Japanese yen

Swiss franc

Australian dollar
Chart 3

Price of Gold in London
(Averages for week ending Wednesday)

12.5 Kg Bars
Afternoon fixing price

U.S. dollars per fine ounce

Overnight Funding Rates and Official Interest Rates
(Averages for week ending Wednesday, percent per annum)
Chart 5

3-Month Interest Rates
(Averages for week ending Wednesday, percent per annum)

- U.S. CD
- Weighted average foreign rate
- Canadian finance paper
- German/euro-area interbank
- Japanese CD
- U.K. interbank sterling
- Swiss interbank
- Australian bank bill
- Swedish treasury bill
Chart 7

Stock Indexes

(Averages for week ending Wednesday, ratio scale, December 30, 1994 = 100)
Chart 1. Nominal Currency Exchange Values

Noon buying rates (U.S. cents, weekly averages)

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Australian dollar</td>
<td>63.8200</td>
<td>64.2725</td>
<td>63.6800</td>
<td>63.5950</td>
<td>63.5040</td>
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<tr>
<td>Canadian dollar</td>
<td>68.115</td>
<td>68.210</td>
<td>68.289</td>
<td>67.904</td>
<td>67.683</td>
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<tr>
<td>Japanese yen</td>
<td>0.95058</td>
<td>0.94896</td>
<td>0.95121</td>
<td>0.97850</td>
<td>0.97334</td>
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<tr>
<td>Restated German mark and euro</td>
<td>104.08</td>
<td>103.36</td>
<td>102.75</td>
<td>100.93</td>
<td>101.55</td>
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<tr>
<td>Swedish krona</td>
<td>12.0085</td>
<td>11.9659</td>
<td>11.9406</td>
<td>11.7584</td>
<td>11.8083</td>
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<td>Swiss franc</td>
<td>64.644</td>
<td>64.426</td>
<td>64.163</td>
<td>63.007</td>
<td>63.516</td>
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<tr>
<td>U.K. pound</td>
<td>162.38</td>
<td>161.89</td>
<td>161.68</td>
<td>159.95</td>
<td>161.41</td>
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Indexes, March 1973 base rates = 100

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<td>Australian dollar</td>
<td>45.17</td>
<td>45.49</td>
<td>45.07</td>
<td>45.01</td>
<td>44.95</td>
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<tr>
<td>Canadian dollar</td>
<td>67.89</td>
<td>67.98</td>
<td>68.06</td>
<td>67.68</td>
<td>67.46</td>
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<tr>
<td>Japanese yen</td>
<td>248.89</td>
<td>248.47</td>
<td>249.06</td>
<td>256.20</td>
<td>254.85</td>
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<tr>
<td>Restated German mark and euro</td>
<td>149.70</td>
<td>148.67</td>
<td>147.78</td>
<td>145.17</td>
<td>146.06</td>
</tr>
<tr>
<td>Swedish krona</td>
<td>53.18</td>
<td>52.99</td>
<td>52.88</td>
<td>52.07</td>
<td>52.29</td>
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<tr>
<td>Swiss franc</td>
<td>207.97</td>
<td>207.27</td>
<td>206.42</td>
<td>202.70</td>
<td>204.34</td>
</tr>
<tr>
<td>U.K. pound</td>
<td>65.68</td>
<td>65.48</td>
<td>65.39</td>
<td>64.70</td>
<td>65.28</td>
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Chart 2. 3-Month Forward Exchange Rates, Premium or Discount

<table>
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<tbody>
<tr>
<td>Australian dollar</td>
<td>0.66</td>
<td>0.68</td>
<td>0.59</td>
<td>0.58</td>
<td>0.70</td>
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<tr>
<td>Canadian dollar</td>
<td>0.94</td>
<td>0.93</td>
<td>0.96</td>
<td>1.03</td>
<td>1.03</td>
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<tr>
<td>Euro</td>
<td>2.63</td>
<td>2.67</td>
<td>2.66</td>
<td>2.68</td>
<td>2.69</td>
</tr>
<tr>
<td>Japanese yen</td>
<td>5.97</td>
<td>5.96</td>
<td>5.99</td>
<td>5.91</td>
<td>5.91</td>
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<tr>
<td>Swiss franc</td>
<td>4.12</td>
<td>4.19</td>
<td>4.23</td>
<td>4.34</td>
<td>4.18</td>
</tr>
<tr>
<td>U.K. pound</td>
<td>0.26</td>
<td>0.39</td>
<td>0.32</td>
<td>0.25</td>
<td>0.19</td>
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</table>

Chart 3. Gold Price in London, Afternoon Fixing

U.S. dollars per fine ounce

<table>
<thead>
<tr>
<th>Date</th>
<th>10-Nov-99</th>
<th>17-Nov-99</th>
<th>24-Nov-99</th>
<th>1-Dec-99</th>
<th>8-Dec-99</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>291.01</td>
<td>293.21</td>
<td>295.40</td>
<td>293.60</td>
<td>281.01</td>
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</table>

Chart 4. Overnight Funding Rates and Official Interest Rates

<table>
<thead>
<tr>
<th>Country</th>
<th>United States</th>
<th>Canada</th>
<th>Euro area</th>
<th>Japan</th>
<th>Switzerland</th>
<th>United Kingdom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal funds</td>
<td>5.20  5.44  5.52  5.63  5.45</td>
<td>4.75  4.75  5.00  5.00  5.00</td>
<td>3.90  4.00  4.00  4.00  4.00</td>
<td>2.92  2.56  2.85  3.07  3.05</td>
<td>3.00  3.00  3.00  3.00  3.00</td>
<td>3.00  3.00  3.38  3.13  3.13</td>
</tr>
<tr>
<td>Discount rate</td>
<td>4.75  4.75  5.00  5.00  5.00</td>
<td>4.25  4.50  4.50  4.50  4.50</td>
<td>3.00  3.00  3.00  3.00  3.00</td>
<td>0.50  0.50  0.50  0.50  0.50</td>
<td>5.14  5.26  4.95  5.45  4.84</td>
<td>5.50  5.50  5.50  5.50  5.50</td>
</tr>
</tbody>
</table>
Chart 5. 3-Month Interest Rates

U.S. 90-day CD's, secondary market 5.99 5.98 5.96 5.99 6.02
Australian bank bill 5.41 5.46 5.52 5.56 5.50
Canadian finance paper 5.12 5.13 5.13 5.10 5.10
Euro-area interbank 3.49 3.45 3.45 3.45 3.46
Japanese CD 0.28 0.31 0.30 0.30 0.29
Swedish treasury bill 3.77 3.69 3.71 3.69 3.64
Swiss interbank 1.93 1.94 1.89 1.73 1.89
U.K. interbank sterling 5.70 5.55 5.69 5.79 5.95
Weighted average foreign interest rate 3.27 3.25 3.26 3.26 3.27
(Canada, euro area, Japan, United Kingdom, Switzerland, Australia, and Sweden)

Chart 6. Long Term Government Bellwether Bond Yields
10-year maturity, where available

Canada 6.04 5.96 6.08 6.09 6.07
France 5.09 5.03 5.20 5.31 5.20
Germany 4.98 4.93 5.09 5.19 5.09
Italy 5.23 5.17 5.31 5.43 5.31
Japan 1.77 1.78 1.86 1.84 1.78
Switzerland 3.54 3.45 3.50 3.54 3.50
United Kingdom 5.14 5.06 5.19 5.30 5.32
United States 5.96 5.97 6.08 6.18 6.17
Weighted average foreign interest rate 4.92 4.87 5.00 5.05 4.99
(Canada, euro area, Japan, United Kingdom, Switzerland, Australia, and Sweden)

Chart 7. Stock Indexes (Wednesday figures)

Canada 174.83 180.16 183.98 180.19 185.59
France 257.83 263.41 264.23 273.36 280.81
Germany 229.01 235.60 232.04 236.28 244.44
Euro area* 342.14 352.64 357.45 365.08 374.40
Italy 231.56 235.38 237.81 246.68 256.99
Japan 102.23 102.08 107.01 103.35 103.98
Switzerland** 279.67 281.36 276.96 285.20 281.17
United Kingdom 164.34 164.78 166.43 166.64 168.44
United States 250.67 256.84 254.89 252.96 252.77

Indices (in order, rebased to December 30, 1994, **December 29, 1994) are Toronto Composite, SBF250, FAZ Aktien, *Dow Jones EURO stock index, Banca Italiana General, Tokyo SE (Topix), Swiss Performance index, Financial Times Ordinary, NYSE Composite