

Theme 2 Economy and finance Series B Short-term statistics



# ECU-EMS information and central bank interest rates

**12 1996** Monthly

## Bilateral fluctuations of the ERM currencies

Graph 1 on page 4 shows the trends in the bilateral fluctuation of ERM currencies between 1 October 1996 and 29 November 1996 calculated on a daily basis.

This graph shows that during the whole period under consideration, there were no tensions in the bilateral fluctuation of all but one ERM currency. Specifically, the IRL, the strongest and most volatile currency in the ERM grid during the period considered, continued to strengthen markedly, in line with UKL and the USD after 30 October. This caused the width of the band within which all ERM currencies moved to increase from 2.86% on 31 October 1996 to 7.87% on 29 November 1996. It is important to notice that since the last week of November, the FF has weakened slightly against the DM and the other ERM currencies. By the end of November, all ERM currencies but the IRL moved within a band of 2.71%, which is slightly wider than at the end of the previous month (2.12%, if the IRL is excluded).

The graph includes the bilateral fluctuations of the LIT. The LIT which was forced out of the exchange rate mechanism along with UKL in September 1992, re-joined the ERM on 25 November 1996. The ECU central rate for the LIT is LIT 1906.48 and its bilateral central rate against the DM is LIT 990.004 (see the new exchange rate grid, with the new ECU central rates in table 1). Like other member currencies of the ERM, the fluctuation limits are set at  $\pm$ 15%. Since 25 November the LIT was trading near its DM bilateral central rate and ended the month at LIT 986.137 per DM.

# Consumer price indices in ECU

Owing mainly to the sharp appreciation of LIT and SKR against the ECU, the indices of Italy and Sweden continued to climb, and rose in the 12 months to October by 14.1% and 8.3% respectively. The indices of the United Kingdom and Ireland also continued on a strong upward trend. In the 12 months to October these indices rose by 8.4% and 6.2% respectively, partly due to their

corresponding inflation rates and partly to the sharp appreciation of the IRL and UKL against the ECU over the 12 month period.

In the 12 months to October the indices of Greece, Spain, France and Portugal, rose by 10.3%, 3.5%, 2.3% and 4.3% respectively. These increases in the national CPIs expressed in ECU mostly reflect increases in the corresponding inflation rates in national currency. The index of Denmark rose slightly, by 0.9%, reflecting an increase in inflation which was partly offset by a slight depreciation of the DKR against the ECU, from October 1995 to October 1996.

Because of the larger depreciation of the BFR, DM, LUF, HFL, OS, and FMK against the ECU relative to the low rate of growth of the respective CPIs in national currencies from October 1995 to October 1996, the index of Belgium, Germany, Luxembourg, the Netherlands, Austria and Finland fell by 0.5%, 1.3%, 1.4%, 0.5%, 0.7% and 1.2% respectively.

## ECU yields continue to fall

There was a noticeable fall in ECU yields in November 1996, continuing the downward trend noted since January 1995. As at 3 December 1996, yields for up to 7 years were at an all-time low. Yields for up to 10 years were still 60 bp above the rate at the beginning of January 1994, when they reached their lowest level. Long-term ECU rates have fallen less than short-term rates, and this has raised the slope of the curve. As measured by the yield gap between 10 and 2 years, the graph peaked at 220 bp in May 1996 before dropping to 180 bp at the beginning of December. This fall in ECU yields has gone hand-in-hand with a decline in money market rates. The 1-, 3- and 6 month Libor rates for the ECU are now barely above 4%, an unprecedented low. ECU interest rates and yields have benefited from the widespread bearish cycle in Europe and also from the tendency for rates to converge on those of the most stable EMS currencies. For example, the 10year yield gap against the Bund or OAT is now only around 35 bp as against 120 bp in January 1996.



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#### (1) TABLE I

## CENTRAL RATES AND INTERVENTION LIMIT RATES, IN FORCE SINCE 25TH NOVEMBER 1996, FOR THE CURRENCIES OF COUNTRIES PARTICIPATING IN THE EMS EXCHANGE RATE MECHANISM.

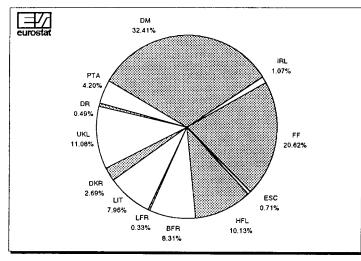
|          |            |   |           |           |                          |                    |              |         |                  |                          | 1        | · · · · · · · · · · · · · · · · · · · |           |
|----------|------------|---|-----------|-----------|--------------------------|--------------------|--------------|---------|------------------|--------------------------|----------|---------------------------------------|-----------|
| eurostat | 1 ECU =    |   | 100 BLF = | 100 DKR = | 100 DM =                 | 100 P <b>T</b> A = | 100 FF =     | 1 IRL = | 1000 L <b>IT</b> | 100 HFL =                | 100 ÖS = | 100 ESC =                             | 100 FMK = |
|          |            | + | -         | 627.880   | 2395,20                  | 28.1525            | 714.030      | 57.7445 | 24.1920          | 2125.60                  | 340.420  | 23.3645                               | 787.830   |
| BLF      | 39.7191    | = | -         | 540.723   | 2062.55                  | 24.2447            | 614.977      | 49.7289 | 20.8337          | 1830.54                  | 293.163  | 20.1214                               | 678.468   |
|          |            | - | -         | 465.665   | 1776.20                  | 20.8795            | 529.660      | 42.8260 | 17.9417          | 1576.45                  | 252.470  | 17.3285                               | 584.290   |
|          |            | + | 21.4747   | -         | 442.968                  | 5.20640            | 132.066      | 10.6792 | 4.47400          | 393,105                  | 62.9561  | 4.32100                               | 145.699   |
| DKR      | 7.34555    | = | 18.4938   | -         | 381.443                  | 4.48376            | 113.732      | 9.19676 | 3.85294          | 338.537                  | 54.2170  | 3.72119                               | 125.474   |
|          |            | - | 15.9266   | -         | 328.461                  | 3.86140            | 97.9430      | 7.92014 | 3.31810          | 291.544                  | 46.6910  | 3.20460                               | 108.057   |
|          |            | + | 5.63000   | 30.4450   | -                        | 1.36500            | 34.6250      | 2.80000 | 1.17290          | (103.058) <sup>(2)</sup> | 16.5050  | 1.13280                               | 38.1970   |
| DM       | 1.92573    | = | 4.84837   | 26.2162   | -                        | 1.17548            | 29.8164      | 2.41105 | 1.01010          | 88.7526                  | 14.2136  | 0.975561                              | 32.8948   |
|          |            | - | 4.17500   | 22.5750   | -                        | 1.01230            | 25.6750      | 2.07600 | 0.869900         | (76.4326) <sup>(2)</sup> | 12.2410  | 0.840100                              | 28.3280   |
|          |            | + | 478.944   | 2589.80   | 9878.50                  | -                  | 2945.40      | 238.175 | 99.7800          | 8767.30                  | 1404.10  | 96.3670                               | 3249.50   |
| PTA      | 163.826    | = | 412.461   | 2230.27   | 8507.18                  | -                  | 2536.54      | 205.113 | 85.9311          | 7550.30                  | 1209.18  | 82.9927                               | 2798.41   |
|          |            | - | 355.206   | 1920.70   | 7326.00                  | -                  | 2184.40      | 176.641 | 74.0000          | 6502.20                  | 1041.30  | 71.4690                               | 2410.00   |
|          |            | + | 18.8800   | 102.100   | 389.480                  | 4.57780            | -            | 9.38950 | 3.93379          | 345.650                  | 55.3545  | 3.79920                               | 128.107   |
| FF       | 6.45863    | = | 16.2608   | 87.9257   | 335.386                  | 3.94237            | -            | 8.08631 | 3.38773          | 297.661                  | 47.6706  | 3.27188                               | 110.324   |
|          |            | - | 14.0050   | 75.7200   | 288.810                  | 3.39510            | -            | 6.96400 | 2.91750          | 256.350                  | 41.0533  | 2.81770                               | 95.0096   |
|          |            | + | 2.33503   | 12.6261   | 48.1696                  | 0.566120           | 14.3599      | -       | 0.486472         | 42.7439                  | 6.84544  | 0.469841                              | 15.8424   |
| IRL      | 0.798709   | = | 2.01090   | 10.8734   | 41.4757                  | 0.487537           | 12.3666      | -       | 0.418944         | 36.8105                  | 5.89521  | 0.404620                              | 13.6433   |
|          |            | _ | 1.73176   | 9.36403   | 35.7143                  | 0.419859           | 10.6500      | -       | 0.360789         | 31.7007                  | 5.07688  | 0.348453                              | 11.7494   |
|          |            | + | 5573.60   | 30138.0   | 114956                   | 1351.30            | 34276.0      | 2771.70 | -                | 102027                   | 16339.0  | 1121.50                               | 37816.0   |
| LIT      | 1906.48    | = | 4799.91   | 25954.2   | 99000.4                  | 1163.72            | 29518.3      | 2386.95 | -                | 87864.7                  | 14071.5  | 965.805                               | 32565.8   |
|          |            | - | 4133.60   | 22351.0   | 85259.0                  | 1002.20            | 25421.0      | 2055.61 | -                | 75668.0                  | 12118.8  | 831.700                               | 28045.0   |
|          |            | + | 6.34340   | 34.3002   | (130.834) <sup>(2)</sup> | 1.53793            | 39.0091      | 3,15450 | 1.32156          | -                        | 18.5963  | 1.27637                               | 43.0378   |
| HFL      | 2.16979    | = | 5.46286   | 29.5389   | 112.673                  | 1.32445            | 33.5953      | 2.71662 | 1.13811          | -                        | 16.0149  | 1.09920                               | 37.0636   |
|          |            | - | 4.70454   | 25.4385   | (97.0325) <sup>(2)</sup> | 1.14060            | 28.9381      | 2.33952 | 0.980132         | -                        | 13.7918  | 0.946611                              | 31.9187   |
|          |            | + | 39.6089   | 214.174   | 816.927                  | 9.60338            | 243.586      | 19.6971 | 8.25219          | 725.065                  | -        | 7.97000                               | 268,735   |
| ös       | 13.5485    | = | 34.1107   | 184.444   | 703.550                  | 8.27008            | 209.773      | 16.9629 | 7.10655          | 624.417                  | -        | 6.86356                               | 231.431   |
|          |            | - | 29.3757   | 158.841   | 605.877                  | 7.12200            | 180.654      | 14.6082 | 6.12032          | 537.740                  | -        | 5.91086                               | 199.305   |
|          |            | + | 577.090   | 3120.50   | 11903.3                  | 139.920            | 3549.00      | 286.983 | 120.240          | 10564.0                  | 1691.80  | -                                     | 3915.40   |
| ESC      | 197.398    | = | 496,984   | 2687.31   | 10250.5                  | 120.493            | 3056.35      | 247.145 | 103.541          | 9097.55                  | 1456.97  | -                                     | 3371.88   |
|          |            | - | 428.000   | 2314.30   | 8827.70                  | 103.770            | 2632.10      | 212.838 | 89.1700          | 7834.70                  | 1254.70  | -                                     | 2903.80   |
|          |            | + | 17.1148   | 92.5438   | 353.008                  | 4.14938            | 105.253      | 8.51107 | 3.56570          | 313.295                  | 50.1744  | 3.44376                               | -         |
| FMK      | 5.85424    | = | 14.7391   | 79.6976   | 304.000                  | 3.57345            | 90.6422      | 7.32960 | 3.07071          | 269.806                  | 43.2094  | 2.96570                               | -         |
|          |            | - | 12.6931   | 68.6347   | 261.801                  | 3.07740            | 78.0597      | 6.31217 | 2.64438          | 232.353                  | 37.2114  | 2.55402                               | -         |
| DR       | 295.269    | ! |           | (1        | ) Table prepar           | red by the El      | VII followin |         |                  | ntral banks co           |          | īi                                    |           |
|          | (notional) |   |           |           |                          |                    |              |         |                  |                          |          |                                       |           |
| UKL      | 0.793103   |   |           |           |                          |                    |              |         |                  |                          |          |                                       |           |
|          |            |   |           |           |                          |                    |              |         |                  |                          |          |                                       |           |

selling rate HFL 100 in Frankfurt: DM 90.7700; buying rate HFL 100 in Frankfurt: DM 86.7800;

selling rate DM 100 in Amsterdam: HFL 115.2350; buying rate DM 100 in Amsterdam: HFL 110.1675.

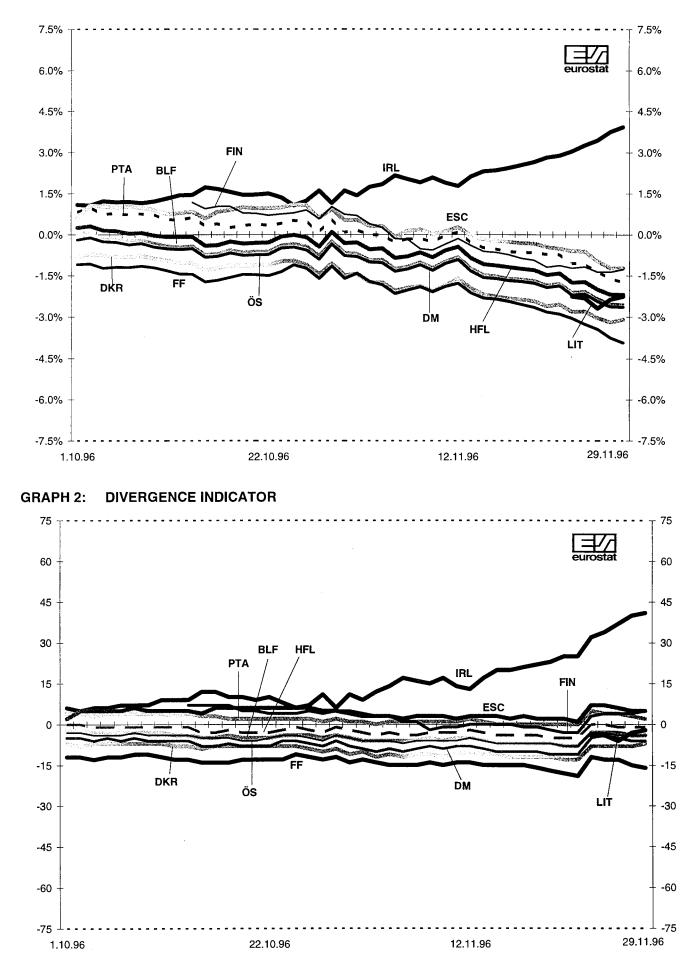
#### WEIGHTS OF COMPONENT CURRENCIES IN THE ECU, CALCULATED ON THE BASIS OF CENTRAL RATES IN FORCE SINCE 25.11.1996

(notional)



## COMPOSITION OF THE ECU BASKET

| Since 21/0   | 9/1989  |
|--|---|
| 0.6242<br>1.332<br>0.2198<br>3.301<br>0.13<br>151.8<br>0.1976<br>0.008552<br>0.08784<br>1.44<br>6.885<br>1.393<br>= 1 EC | FF<br>HFL<br>BFR<br>LFR<br>LIT<br>DKR<br>IRL<br>UKL<br>DR<br>PTA<br>ESC |
|  |   |



# TABLE II

# ECU EXCHANGE RATES

| eurostat       | B/LFR              | DKR                | DM                 | DR                 | ΡΤΑ                | FF                 | IRL                  | LIT                | HFL                | ös                 |
|----------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|--------------------|--------------------|--------------------|
|                |                    |                    |                    |                    | Yearly ave         | eranes             |                      |                    |                    |                    |
|                |                    |                    |                    |                    | Teany av           | elages             |                      |                    |                    |                    |
| 1985           | 44.9137            | 8.01876            | 2.22632            | 105.739            | 129.135            | 6.79502            | 0.715167             | 1447.99            | 2.51101            | 15.6428            |
| 1986           | 43.7979            | 7.93565            | 2.12819            | 137.425            | 137.456            | 6.79976            | 0.733526             | 1461.88            | 2.40090            | 14.9643            |
| 1987           | 43.0410            | 7.88472            | 2.07153            | 156.268            | 142.165            | 6.92910            | 0.775448             | 1494.91            | 2.33418            | 14.5710            |
| 1988           | 43.4285            | 7.95152            | 2.07440            | 167.576<br>178.840 | 137.601            | 7.03644            | 0.775672             | 1537.33            | 2.33479            | 14.5861            |
| 1989           | 43.3806            | 8.04929<br>7.85652 | 2.07015<br>2.05209 | 201.412            | 130.406<br>129.411 | 7.02387<br>6.91412 | 0.776818<br>0.767768 | 1510.47            | 2.33526            | 14.5695            |
| 1990           | 42.4257<br>42.2233 | 7.90859            | 2.05209            | 201.412            | 129.411            | 6.97332            | 0.767809             | 1521.98<br>1533.24 | 2.31212<br>2.31098 | 14.4399<br>14.4309 |
| 1991<br>1992   | 42.2233            | 7.80925            | 2.02031            | 247.026            | 132.526            | 6.84839            | 0.760718             | 1595.51            | 2.27482            | 14.4309            |
| 1993           | 40.4713            | 7.59359            | 1.93639            | 268.568            | 149.124            | 6.63368            | 0.799952             | 1841.23            | 2.17521            | 13.6238            |
| 1994           | 39.6565            | 7.54328            | 1.92452            | 288.026            | 158.918            | 6.58261            | 0.793618             | 1915.06            | 2.15827            | 13.5395            |
| 1995           | 38.5519            | 7.32804            | 1.87375            | 302.989            | 163.000            | 6.52506            | 0.815525             | 2130.14            | 2.09891            | 13.1824            |
|                |                    |                    |                    |                    | Monthly av         | erages             |                      |                    |                    |                    |
|                | 00.5565            | 7 00007            | 4 07504            | 200.000            | 464 477            | 6 40007            | 0.000700             | 2400.04            | 0 40000            | 40.4070            |
| 95/11          | 38.5585            | 7.26867            | 1.87561            | 309.630            | 161.177            | 6.46937            | 0.823729             | 2109.81<br>2079.58 | 2.10063            | 13.1978            |
| 95/12          | 38.6335            | 7.28126<br>7.30159 | 1.87967<br>1.88745 | 310.527            | 159.880<br>159.108 | 6.47662<br>6.46514 | 0.819635             | 2079.58<br>2045.84 | 2.10468            | 13.2259            |
| 96/01<br>96/02 | 38.7976<br>38.8389 | 7.30159            | 1.88865            | 310.628<br>312.084 | 159.108            | 6.49500            | 0.815783<br>0.814528 | 2045.84 2026.22    | 2.11373<br>2.11488 | 13.2741<br>13.2825 |
| 96/02<br>96/03 | 38.9145            | 7.31364            | 1.88805            | 309.481            | 159.387            | 6.49300<br>6.48243 | 0.814528             | 2028.22            | 2.11466            | 13.3153            |
| 96/04          | 39,1033            | 7.34389            | 1.90332            | 305.900            | 158.731            | 6.45729            | 0.807566             | 1978.76            | 2.12844            | 13.3862            |
| 96/05          | 39.2952            | 7.37931            | 1.91165            | 303.239            | 159.558            | 6.46945            | 0.797219             | 1942.36            | 2.13730            | 13.4513            |
| 96/06          | 39.3649            | 7.37905            | 1.91356            | 302.636            | 161.414            | 6.48599            | 0.791060             | 1932.36            | 2.14355            | 13.4668            |
| 96/07          | 39.3623            | 7.36763            | 1.91083            | 302.052            | 161.392            | 6.47101            | 0.792324             | 1939.80            | 2.14448            | 13.4475            |
| 96/08          | 39.1954            | 7.35381            | 1.90229            | 303.998            | 161.319            | 6.49518            | 0.796395             | 1946.30            | 2.13381            | 13.3864            |
| 96/09          | 39.3520            | 7.36091            | 1.91115            | 303,798            | 161.095            | 6.50787            | 0.788059             | 1929.22            | 2.14253            | 13.4475            |
| 96/10          | 39.6079            | 7.37211            | 1.92291            | 301.784            | 161.865            | 6.50223            | 0.782308             | 1918.52            | 2.15714            | 13.5283            |
| 96/11          | 39.7803            | 7.41390            | 1.93039            | 304.419            | 162.498            | 6.53269            | 0.767118             | 1932.35            | 2.16519            | 13.5839            |
|                |                    |                    |                    |                    | Daily rat          |                    |                      |                    |                    |                    |
|                |                    |                    |                    |                    | 11-96              |                    |                      |                    |                    |                    |
| 01/11          | 39.7381            | 7.41046            | 1.92897            | 302.958            | 162.394            | 6.51354            | 0.777692             | 1927.7 <b>1</b>    | 2.16263            | 13.5663            |
| 04/11          | 39.6984            | 7.40549            | 1.92692            | 303.784            | 162.296            | 6.51666            | 0.776278             | 1935.41            | 2.16021            | 13.5592            |
| 05/11          | 39.7410            | 7.41123            | 1.92890            | 303.800            | 162.353            | 6.52329            | 0.771954             | 1937.23            | 2.16305            | 13.5727            |
| 06/11          | 39,7329            | 7.40749            | 1.92839            | 303.716            | 162.246            | 6.51854            | 0.773403             | 1934.72            | 2.16281            | 13.5692            |
| 07/11          | 39.6917            | 7.40661            | 1.92627            | 304.061            | 162.308            | 6.51378            | 0.774863             | 1938.03            | 2.16095            | 13.5542            |
| 08/11          | 39.7228<br>39.6915 | 7.41139<br>7.40631 | 1.92772<br>1.92594 | 304.501<br>304.140 | 162.288<br>162.185 | 6.51682<br>6.51453 | 0.772335<br>0.775184 | 1940.41            | 2.16180            | 13.5649            |
| 11/11<br>12/11 | 39.6664            | 7.39413            | 1.92394            | 304.713            | 162.185            | 6.51287            | 0.776872             | 1941.15<br>1943.65 | 2.15973<br>2.15893 | 13.5515<br>13.5444 |
| 13/11          | 39.7186            | 7.40050            | 1.92761            | 304.428            | 162.132            | 6.51751            | 0.771833             | 1943.85<br>1941.79 | 2.15693            | 13.5444<br>13.5635 |
| 14/11          | 39.7561            | 7.40671            | 1.92951            | 304.404            | 162.381            | 6.52075            | 0.769175             | 1941.79            | 2.16384            | 13.5783            |
| 15/11          | 39.7645            | 7.40985            | 1.92972            | 304.796            | 162.413            | 6.52164            | 0.768626             | 1942.57            | 2.16410            | 13.5799            |
| 18/11          | 39.7774            | 7.41030            | 1.92974            | 304.663            | 162.454            | 6.52301            | 0.767373             | 1942.23            | 2.16409            | 13.5803            |
| 19/11          | 39.7750            | 7.41105            | 1.92983            | 305.150            | 162.426            | 6.52801            | 0.766263             | 1942.77            | 2.16462            | 13.5814            |
| 20/11          | 39.7941            | 7.41494            | 1.93072            | 304.901            | 162.459            | 6.53441            | 0.765348             | 1931.48            | 2.16565            | 13.5876            |
| 21/11          | 39.8260            | 7.42171            | 1.93225            | 304.947            | 162.417            | 6.53990            | 0.763242             | 1928.41            | 2.16766            | 13.5982            |
| 22/11          | 39.8169            | 7.42108            | 1.93182            | 304.884            | 162.510            | 6.54813            | 0.762969             | 1927.59            | 2.16727            | 13.5955            |
| 25/11          | 39.8808            | 7.42849            | 1.93509            | 304.425            | 162.744            | 6.54722            | 0,760339             | 1917.18            | 2.17103            | 13.6185            |
| 26/11          | 39.8622            | 7.42600            | 1.93413            | 304.233            | 162.792            | 6.56043            | 0.758397             | 1918.25            | 2.170 <b>1</b> 8   | 13.6110            |
| 27/11          | 39.8841            | 7.42896            | 1.93539            | 304.396            | 162.901            | 6.55858            | 0.755318             | 1921.47            | 2.17168            | 13.6200            |
| 28/11          | 39.9191            | 7.43336            | 1.93702            | 305.057            | 163.139            | 6.57260            | 0.751821             | 1913.14            | 2.17338            | 13.6318            |
| 29/11          | 39.9286            | 7.42576            | 1.93740            | 304.846            | 163.350            | 6.58427            | 0.750186             | 1910.84            | 2.17350            | 13.6332            |

# TABLE II

# ECU EXCHANGE RATES

| ESC                | FMK                | SKR                | UKL                  | IKR                   | NKR                | CHF                         | USD                         | YEN     | eurostat |
|--------------------|--------------------|--------------------|----------------------|-----------------------|--------------------|-----------------------------|-----------------------------|---------|----------|
|                    |                    |                    | Y                    | early average         | 25                 |                             |                             |         |          |
| 120.251            | 4 60 402           | 6 50100            |                      |                       |                    | 1 95570                     | 0.76300                     | 100 550 | 4005     |
| 130.251            | 4.69423            | 6.52133            | 0.588977             | 31.6485               | 6.51104            | 1.85572                     | 0.76309                     | 180.559 | 1985     |
| 147.088            | 4.97974            | 6.99567            | 0.671543             | 40.3813               | 7.27750            | 1.76086                     | 0.98417                     | 164.997 | 1986     |
| 162.616            | 5.06517            | 7.31001            | 0.704571             | 44.5548               | 7.76498            | 1.71780                     | 1.15444                     | 166.598 | 1987     |
| 170.059            | 4.94362            | 7.24192<br>7.09939 | 0.664434<br>0.673302 | 50.7794<br>62.8909    | 7.70054<br>7.60381 | 1.72822                     | 1.18248                     | 151.459 | 1988     |
| 173.413            | 4.72301            |                    | 0.873302             | 74.0013               |                    | 1.80010                     | 1.10175                     | 151.938 | 1989     |
| 181.109<br>178.614 | 4.85496<br>5.00211 | 7.52051<br>7.47926 | 0.701012             | 73.0052               | 7.94851<br>8.01701 | 1.76218<br>1.772 <b>4</b> 5 | 1.273 <b>4</b> 3<br>1.23916 | 183.660 | 1990     |
|                    |                    |                    |                      |                       |                    |                             |                             | 166.493 | 1991     |
| 174.714            | 5.80703            | 7.53295            | 0.737650             | 74.6584<br>79.2528    | 8.04177            | 1.81776                     | 1.29810                     | 164.223 | 1992     |
| 188.370            | 6.69628            | 9.12151            | 0.779988             |                       | 8.30954            | 1.73019                     | 1.17100                     | 130.147 | 1993     |
| 196.896            | 6.19077            | 9.16307            | 0.775902             | 83.1063               | 8.37420            | 1.62128                     | 1.18952                     | 121.322 | 1994     |
| 196.105            | 5.70855            | 9.33192            | 0.828789             | 84.6853               | 8.28575            | 1.54574                     | 1.30801                     | 123.012 | 1995     |
|                    |                    |                    | Mo                   | onthly averag         | jes                |                             |                             |         |          |
| 196.722            | 5.61417            | 8.73139            | 0.846948             | 85.5991               | 8.27314            | 1.51288                     | 1.32381                     | 134.826 | 95/11    |
| 197.087            | 5.65231            | 8.64892            | 0.847268             | 85.3226               | 8.29254            | 1.51830                     | 1.30430                     | 132,763 | 95/12    |
| 195.831            | 5.73832            | 8.69018            | 0.844058             | 85.3993               | 8.28739            | 1.52352                     | 1.29184                     | 136.444 | 96/01    |
| 196.340            | 5.86509            | 8.86460            | 0.838898             | 85.3687               | 8.25045            | 1.53986                     | 1.28860                     | 136.091 | 96/02    |
| 195.961            | 5.89839            | 8.63156            | 0.839005             | 84.9858               | 8.23632            | 1.53246                     | 1.28134                     | 135.674 | 96/03    |
| 195.426            | 5.98340            | 8.49279            | 0.834013             | 84.4396               | 8.21015            | 1.54195                     | 1.26391                     | 135.515 | 96/04    |
| 196.450            | 5.93167            | 8.47882            | 0.822658             | 83.9541               | 8.20054            | 1.56415                     | 1.24668                     | 132.567 | 96/05    |
| 197.066            | 5.85009            | 8.37071            | 0.812532             | 84.1862               | 8.18508            | 1.57450                     | 1.25292                     | 136.393 | 96/06    |
| 196.501            | 5.82689            | 8,43833            | 0.817683             | 84.8056               | 8.19491            | 1.56644                     | 1.27064                     | 138.793 | 96/07    |
| 195.336            | 5.74750            | 8.49551            | 0.827934             | 85.0551               | 8.22904            | 1.54317                     | 1.28325                     | 138.418 | 96/08    |
| 195.200            | 5.75969            | 8.42542            | 0.813841             | 84.7580               | 8.19539            | 1.56306                     | 1.26907                     | 139.428 | 96/09    |
| 194.313            | 5.75156            | 8.30499            | 0.793727             | 84.3810               | 8.15901            | 1.58325                     | 1.25841                     | 141.397 | 96/10    |
| 195.164            | 5.81198            | 8.46235            | 0.768046             | 84.5893               | 8.11739            | 1.62727                     | 1.27690                     | 143.347 | 96/11    |
|                    |                    |                    |                      | Daily rates:<br>11-96 |                    |                             |                             |         |          |
| 195.017            | 5.77992            | 8.35818            | 0.775744             | 84.4225               | 8.11398            | 1.61340                     | 1.26989                     | 144.450 | 01/11    |
| 194.895            | 5.78254            | 8.39875            | 0.777036             | 84.5287               | 8.11542            | 1.61519                     | 1.27341                     | 144.086 | 04/11    |
| 195,259            | 5.79395            | 8.43040            | 0.771393             | 84.4887               | 8.12337            | 1.62225                     | 1.27396                     | 145.193 | 05/11    |
| 194.896            | 5.79849            | 8.40311            | 0.774110             | 84.5899               | 8.12309            | 1.62081                     | 1.26993                     | 144.734 | 06/11    |
| 194.915            | 5.82226            | 8.43429            | 0.777597             | 84.6433               | 8.10643            | 1.61579                     | 1.27821                     | 142.828 | 07/11    |
| 195.006            | 5.81699            | 8.45219            | 0.773973             | 84.6305               | 8.08568            | 1.62390                     | 1.27706                     | 142.864 | 08/11    |
| 195.103            | 5.81417            | 8.46134            | 0.777491             | 84.7094               | 8.09579            | 1.62005                     | 1.28037                     | 142.275 | 11/11    |
| 194.982            | 5.80747            | 8.48399            | 0.779182             | 84.5960               | 8.08605            | 1.61734                     | 1.28370                     | 142.940 | 12/11    |
| 195.000            | 5.80599            | 8.50168            | 0.773933             | 84.7033               | 8.09026            | 1.62253                     | 1.27970                     | 142.507 | 13/11    |
| 195.052            | 5.81031            | 8.47588            | 0.769406             | 84.7268               | 8.09280            | 1.62663                     | 1.28122                     | 143.048 | 14/11    |
| 195.086            | 5.81082            | 8.48787            | 0.768857             | 84.7096               | 8.10594            | 1.63387                     | 1.28076                     | 142.190 | 15/11    |
| 195.037            | 5.81190            | 8.49170            | 0.768524             | 84.7697               | 8.13358            | 1.62966                     | 1.28128                     | 142.773 | 18/11    |
| 195.076            | 5.81774            | 8.49252            | 0.767178             | 84.8867               | 8.12903            | 1.62940                     | 1.28441                     | 143.045 | 19/11    |
| 195.080            | 5.82188            | 8.50851            | 0.767264             | 84.8984               | 8.12747            | 1.63270                     | 1.28732                     | 143.124 | 20/11    |
| 195.168            | 5.83111            | 8.50959            | 0.764240             | 84.7460               | 8.14143            | 1.63317                     | 1.28637                     | 143.790 | 21/11    |
| 195.370            | 5.83085            | 8.51160            | 0,763332             | 84.7995               | 8.15380            | 1.63166                     | 1.28660                     | 143.134 | 22/11    |
| 195.221            | 5.82635            | 8.46505            | 0.760429             | 84.5994               | 8.15830            | 1.63204                     | 1.27813                     | 143.777 | 25/11    |
| 195.198            | 5.82277            | 8.45936            | 0.759215             | 84.1503               | 8.15986            | 1.63805                     | 1.26637                     | 142.745 | 26/11    |
| 195.507            | 5.82153            | 8.46439            | 0.756534             | 84.4217               | 8.13427            | 1.63765                     | 1.26969                     | 143.665 | 27/11    |
| 195.800            | 5.81549            | 8,46285            | 0.752896             | 84.2051               | 8.09820            | 1.63746                     | 1.26396                     | 143.561 | 28/11    |
| 195.786            | 5,80905            | 8.45602            | 0.750632             | 84.1498               | 8.09050            | 1.63919                     | 1.26256                     | 143.566 | 29/11    |

# TABLE III

# CONSUMER PRICE INDICES IN NATIONAL CURRENCY

# 1985=100

|          | EUR 15** | ERM**  | в     | DK    | D*    | GR    | Е     | F     | IRL   | I      | L     | NL    |
|----------|----------|--------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| eurostat |          |        |       |       |       |       |       |       |       |        |       |       |
| 1991     | 129.7    | 121.6  | 114.6 | 124.1 | 110.9 | 265.9 | 145.0 | 120.2 | 121.3 | 140.0  | 112.4 | 108.3 |
| 1992     | 135.1    | 126.4  | 117.3 | 126.7 | 115.3 | 308.1 | 153.5 | 123.0 | 125.1 | 147.3  | 115.9 | 111.7 |
| 1993     | 139.7    | 130.5  | 120.6 | 128.3 | 119.5 | 352.6 | 160.6 | 125.6 | 126.9 | 153.8  | 120.1 | 114.6 |
| 1994     | 144.0    | 134.0  | 123.4 | 130.8 | 122.7 | 391.1 | 168.1 | 127.8 | 129.8 | 160.0  | 122.7 | 117.8 |
| 1995     | 148.5    | 137.1  | 125.3 | 133.6 | 125.0 | 427.4 | 176.0 | 129.9 | 133.2 | 168.3  | 125.1 | 120.1 |
| 1995 10  | 149.5    | 137.7  | 125.4 | 134.2 | 125.3 | 439.7 | 177.5 | 130.8 | :     | 170.5  | 125.5 | 120.9 |
| 11       | 149.7    | 137.8  | 125.7 | 134.5 | 125.3 | 440.7 | 178.0 | 130.9 | 133.9 | 171.6  | 125.5 | 120.9 |
| 12       | 150.0    | 138.0  | 125.8 | 134.4 | 125.6 | 445.2 | 178.4 | 131.0 | :     | 171.9  | 125.6 | 120.5 |
| 1996 Ö1  | 150.3p   | 138.4p | 126.9 | 134.3 | 125.7 | 444.7 | 179.6 | 131.2 | :     | 172.3p | 125.9 | 121.1 |
| 02       | 150.8p   | 139.0p | 127.2 | 135.0 | 126.4 | 443.3 | 180.1 | 131.7 | 134.4 | 172.8p | 126.0 | 121.5 |
| 03       | 151.4p   | 139.5p | 127.3 | 135.8 | 126.5 | 458.4 | 180.7 | 132.5 | :     | 173.3p | 126.3 | 122.5 |
| 04       | 152.0p   | 139.7p | 127.5 | 136.1 | 126.6 | 464.2 | 181.8 | 132.8 | :     | 174.2p | 126.6 | 122.6 |
| 05       | 152.3p   | 140.0p | 127.3 | 136.6 | 126.8 | 467.2 | 182.4 | 133.0 | 135.0 | 174.9p | 126.7 | 122.4 |
| 06       | 152.4p   | 139.9p | 127.3 | 136.5 | 126.9 | 469.9 | 182.2 | 132.9 | :     | 175.3p | 126.7 | 121.9 |
| 07       | 152.3p   | 140.2p | 128.1 | 136.3 | 127.4 | 458.2 | 182.4 | 132.6 | :     | 175.0p | 126.8 | 122.4 |
| 08       | 152.4p   | 140.2p | 128.4 | 136.5 | 127.2 | 458.0 | 183.0 | 132.3 | 135.7 | 175.2p | 126.9 | 122.3 |
| 09       | 152.9p   | 140.4p | 128.1 | 137.2 | 127.1 | 471.7 | 183.5 | 132.8 | :     | 175.7p | 127.0 | 123.4 |
| 10       | 153.0p   | 140.5p | 128.5 | 137.4 | 127.1 | 476.1 | 183.6 | 133.1 | :     | 175.8p | 127.4 | 123.8 |

### Annual rate of increase (%)

| eurostat | EUR 15** | ERM** | В   | DK  | D*  | GR   | E   | F   | IRL | 1    | L   | NL  |
|----------|----------|-------|-----|-----|-----|------|-----|-----|-----|------|-----|-----|
| 1991     | 5.1      | 4.4   | 3.2 | 2.4 | 3.6 | 19.5 | 6.0 | 3.2 | 3.1 | 6.3  | 3.1 | 3.9 |
| 1992     | 4.2      | 3.9   | 2.4 | 2.1 | 4.0 | 15.9 | 5.9 | 2.4 | 3.1 | 5.2  | 3.2 | 3.2 |
| 1993     | 3.4      | 3.2   | 2.8 | 1.3 | 3.6 | 14.5 | 4.6 | 2.1 | 1.4 | 4.5  | 3.6 | 2.6 |
| 1994     | 3.1      | 2.7   | 2.4 | 2.0 | 2.7 | 10.9 | 4.7 | 1.7 | 2.3 | 4.0  | 2.2 | 2.8 |
| 1995     |          | 2.3   | 1.5 | 2.1 | 1.8 | 9.3  | 4.7 | 1.8 | 2.6 | 5.2  | 1.9 | 1.9 |
| 1995 10  | 3.0      | 2.2   | 1.2 | 1.9 | 1.8 | 8.3  | 4.4 | 1.8 | :   | 5.5  | 1.6 | 1.3 |
| 11       | 3.0      | 2.2   | 1.5 | 1.9 | 1.7 | 8.2  | 4.5 | 1.9 | 2.4 | 5.7  | 1.3 | 1.6 |
| 12       | 3.0      | 2.2   | 1.5 | 1.8 | 1.8 | 8.1  | 4.3 | 2.1 | :   | 5.6  | 1.3 | 1.7 |
| 1996 01  | 2.8p     | 2.0p  | 2.0 | 1.7 | 1.5 | 8.4  | 3.9 | 2.0 | :   | 5.4p | 1.1 | 1.9 |
| 02       | 2.7p     | 2.0p  | 1.9 | 1.8 | 1.6 | 8.5  | 3.7 | 2.0 | 2.0 | 4.9p | 1.0 | 1.8 |
| 03       | 2.7p     | 2.2p  | 2.0 | 2.1 | 1.7 | 9.1  | 3.4 | 2.3 | :   | 4.5p | 1.2 | 2.1 |
| 04       | 2.7p     | 2.1p  | 2.0 | 2.0 | 1.5 | 9.2  | 3.5 | 2.4 | :   | 4.6p | 1.5 | 2.0 |
| 05       | 2.7p     | 2.2p  | 1.9 | 1.9 | 1.7 | 9.1  | 3.8 | 2.4 | 1.4 | 4.4p | 1.4 | 2.0 |
| 06       | 2.5p     | 2.1p  | 1.8 | 2.0 | 1.4 | 8.8  | 3.6 | 2.3 | :   | 3.9p | 1.2 | 1.8 |
| 07       | 2.5p     | 2.2p  | 1.9 | 2.3 | 1.6 | 8.6  | 3.7 | 2.3 | :   | 3.6p | 1.3 | 2.2 |
| 08       | 2.3p     | 1.9p  | 1.9 | 2.4 | 1.4 | 8.5  | 3.7 | 1.6 | 1.4 | 3.3p | 1.4 | 1.9 |
| 09       | 2.3p     | 1.9p  | 2.0 | 2.3 | 1.4 | 8.5  | 3.5 | 1.6 | :   | 3.4p | 1.3 | 2.0 |
| 10       | 2.4p     | 2.0p  | 2.5 | 2.4 | 1.5 | 8.3  | 3.5 | 1.8 | :   | 3.1p | 1.5 | 2.4 |

p=provisional

\* New Consumer Price Indices series for Germany, backdated, taking into account German reunification on 3 October 1990.

\*\* These aggregates are new series, backdated, taking into account the new German CPI and incorporating new weights for Germany.

# TABLE III

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# CONSUMER PRICE INDICES IN NATIONAL CURRENCY 1985=100

| A     | Р     | FIN   | S     | UK    | IS    | N     | СН    |  |
|-------|-------|-------|-------|-------|-------|-------|-------|--|
| 115.1 | 189.6 | 132.8 | 147.8 | 141.1 | 267.5 | 140.0 | 119.8 |  |
| 119.7 | 206.7 | 136.7 | 151.1 | 146.4 | 278.1 | 143.3 | 124.6 |  |
| 124.0 | 220.0 | 139.7 | 158.2 | 148.7 | 289.5 | 146.5 | 128.7 |  |
| 127.7 | 231.5 | 141.2 | 161.6 | 152.4 | 294.0 | 148.6 | 129.8 |  |
| 130.5 | 241.1 | 142.6 | 165.7 | 157.6 | 298.8 | 152.2 | 132.2 |  |
| 130.7 | 243.0 | 142.9 | 167.1 | 158.3 | 302.1 | 153.0 | 132.5 |  |
| 130.6 | 243.2 | 142.5 | 167.0 | 158.3 | 301.0 | 152.9 | 132.4 |  |
| 130.5 | 242.7 | 142.4 | 166.5 | 159.3 | 300.8 | 152.9 | 132.4 |  |
| 131.2 | 243.4 | 142.6 | 166.2 | 158.8 | 302.1 | 152.2 | 132.8 |  |
| 131.8 | 245.1 | 143.1 | 166.4 | 159.5 | 302.6 | 152.3 | 133.1 |  |
| 132.4 | 246.1 | 143.3 | 167.2 | 160.1 | 303.1 | 153.0 | 133.3 |  |
| 132.3 | 248.3 | 143.5 | 167.5 | 161.3 | 303.6 | 153,5 | 133.4 |  |
|       |       |       |       |       |       |       |       |  |

161.6

161.7

161.1

161.8

162.6

162.6

305.5

305.2

305.5

307.4

308.1

308.3

153.7

153.9

154.5

154.4

155.1

155.7

132.9

133.2

133.0

133.3

133.4

133.6

167.3

166.7

166.3

165.5

166.5

166.4

143.8

143.8

143.7

143.4

143.7

143.9

#### Annual rate of increase (%)

249.5

249.2

249.7

250.4

250.4

250.2

132.1

132.8

134.0

134.8

133.7

133.4p

| Α    | Р    | FIN | S    | UK  | IS  | N   | СН  | USA | JAP           | CAN | eurostat |
|------|------|-----|------|-----|-----|-----|-----|-----|---------------|-----|----------|
| 3.3  | 10.9 | 4.3 | 9.6  | 5.9 | 6.8 | 3.4 | 5.8 | 4.2 | 3.3           | 5.6 | 1991     |
| 4.0  | 9.0  | 2.9 | 2.6  | 3.7 | 4.0 | 2.3 | 4.0 | 3.0 | 1.7           | 1.5 | 1992     |
| 3.6  | 6.4  | 2.2 | 4.7  | 1.6 | 4.1 | 2.3 | 3.3 | 3.0 | 1.3           | 1.8 | 1993     |
| 3.0  | 5.2  | 1.1 | 2.3  | 2.5 | 1.6 | 1.4 | 0.9 | 2.6 | 0.7           | 0.2 | 1994     |
| 2.2  | 4.1  | 1.0 | 2.9  | 3.4 | 1.7 | 2.5 | 1.8 | 2.8 | -0.1          | 2.2 | 1995     |
| 1.9  | 4.0  | 0.3 | 2.7  | 3.2 | 2.4 | 2.3 | 1.9 | 2.8 | -0.7          | 2.4 | 1995 10  |
| 1.9  | 3.9  | 0.3 | 2.7  | 3.1 | 2.1 | 2.1 | 1.9 | 2.6 | -0.7          | 2.1 | 11       |
| 1.8  | 3.4  | 0.3 | 2.6  | 3.2 | 2.0 | 2.2 | 1.9 | 2.5 | -0.3          | 1.7 | 12       |
| 1.7  | 2.5  | 0.5 | 2.0  | 2.9 | 1.6 | 1.2 | 1.5 | 2.7 | -0.4          | 1.6 | 1996 01  |
| 1.6  | 2.5  | 0.5 | 1.7  | 2.7 | 1.7 | 0.9 | 0.8 | 2.7 | -0.2          | 1.3 | 02       |
| 1.8  | 2.4  | 0.6 | 1.7  | 2.7 | 2.0 | 0.7 | 0.9 | 2.8 | 0.1           | 1.4 | 03       |
| 1.6  | 2.9  | 0.7 | 1.3  | 2.4 | 2.3 | 1.0 | 0.9 | 2.9 | 0.4r          | 1.4 | 04       |
| 1.5  | 3.5  | 0.8 | 1.0  | 2.2 | 2.8 | 1.0 | 0.7 | 2.9 | 0.3r          | 1.5 | 05       |
| 1.6  | 3.6  | 0.4 | 0.8  | 2.1 | 2.6 | 0.9 | 0.7 | 2.8 | 0.0r          | 1.4 | 06       |
| 1.9  | 3.9  | 0.5 | 0.6  | 2.2 | 2.4 | 1.3 | 0.7 | 3.0 | 0.6r          | 1.2 | 07       |
| 1.8  | 3.6  | 0.4 | 0.3  | 2.1 | 2.6 | 1.5 | 0.6 | 2.9 | 0.2r          | 1.4 | 08       |
| 2.0  | 3.4  | 0.5 | 0.2  | 2.1 | 2.5 | 1.3 | 0.6 | 3.0 | -0.1 <b>r</b> | 1.5 | 09       |
| 2.1p | 3.0  | 0.7 | -0.1 | 2.7 | 2.1 | 1.7 | 0.8 | 3.0 | 0.1p          | 1.8 | 10       |

n.a. = not available r=revised p=provisional r=revised  $\exists l / l$ 

eurostat

1991

1992

1993

1994

1995

1995 10

11

12 1996 01

02

03

04

05

06

07

08

09

10

CAN

131.4

133.4

135.8

136.1

139.0

139.3

139.6

139.4

139.7

140.0

140.5

140.9

141.3

141.2

141.2

141.3

141.5

141.8

USA

126.6

130.5

134.3

137.8

141.7

142.9

142.8

142.7

143.6

144.0

144.8

145.3

145.6

145.7

146.0

146.3

146.7

147.2

JAP

110.4

112.3

113.8

114.6

114.4

114.4

114.2

114.3

114.2

114.0

114.2

115.0r

115.2r

114.8r

114.7r

114.4r

114.9r

114.5p

# TABLE IV

# CONSUMER PRICE INDICES IN ECU

# 1985=100

| eurostat | EUR 15** | ERM**  | ECU**  | В     | DK    | D*    | GR    | E     | F     | IRL   | I      | L     |
|----------|----------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| 1991     | 124.7    | 123.4  | 122.2  | 121.9 | 125.8 | 120.4 | 122.9 | 145.5 | 117.1 | 113.0 | 132.1  | 119.6 |
| 1992     | 128.2    | 128.1  | 126.8  | 126.7 | 130.1 | 127.1 | 129.9 | 149.6 | 122.1 | 117.6 | 133.9  | 125.2 |
| 1993     | 128.2    | 132.5  | 131.0  | 133.8 | 135.5 | 137.3 | 136.7 | 139.3 | 128.7 | 113.6 | 121.0  | 133.3 |
| 1994     | 131.1    | 135.6  | 134.6  | 139.8 | 139.1 | 142.0 | 141.3 | 136.4 | 131.8 | 117.0 | 120.9  | 139.0 |
| 1995     | 132.8    | 140.7  | 138.0  | 146.0 | 146.2 | 148.5 | 146.8 | 139.3 | 135.4 | 116.8 | 114.3  | 145.8 |
| 1995 10  | 133.7    | 141.5  | 138.8  | 146.4 | 148.2 | 149.1 | 148.8 | 141.3 | 136.0 | 116.9 | 116.2  | 146.5 |
| 11       | 134.0    | 141.9  | 138.9  | 146.5 | 148.4 | 148.7 | 148.1 | 142.4 | 137.5 | 116.3 | 117.6  | 146.2 |
| 12       | 134.6    | 142.0  | 139.2  | 146.2 | 148.0 | 148.8 | 149.2 | 143.9 | 137.4 | 116.8 | 119.5  | 146.0 |
| 1996 01  | 135.1p   | 142.3p | 139.5p | 146.9 | 147.5 | 148.3 | 149.0 | 145.6 | 137.9 | 117.8 | 121.8p | 145.7 |
| 02       | 135.7p   | 142.6p | 140.0p | 147.1 | 148.2 | 149.0 | 147.8 | 145.9 | 137.8 | 118.0 | 123.4p | 145.7 |
| 03       | 136.5p   | 143.0p | 140.5p | 146.9 | 148.9 | 148.7 | 154.1 | 146.2 | 138.9 | 118.0 | 125.2p | 145.7 |
| 04       | 137.4p   | 143.1p | 140.9p | 146.4 | 148.6 | 148.1 | 157.9 | 147.7 | 139.7 | 119.6 | 127.4p | 145.5 |
| 05       | 138.1p   | 142.8p | 141.1p | 145.4 | 148.4 | 147.7 | 160.3 | 147.4 | 139.7 | 121.1 | 130.2p | 144.9 |
| 06       | 138.4p   | 142.4p | 141.1p | 145.2 | 148.3 | 147.7 | 161.6 | 145.6 | 139.2 | 122.0 | 131.2p | 144.5 |
| 07       | 138.2p   | 142.8p | 141.3p | 146.2 | 148.3 | 148.4 | 157.9 | 145.7 | 139.3 | 122.5 | 130.5p | 144.7 |
| 08       | 138.1p   | 143.0p | 141.3p | 147.1 | 148.9 | 148.9 | 156.8 | 146.3 | 138.4 | 121.9 | 130.2p | 145.4 |
| 09       | 138.9p   | 142.8p | 141.6p | 146.3 | 149.5 | 148.1 | 161.6 | 146.9 | 138.6 | 123.1 | 131.7p | 144.9 |
| 10       | 139.5p   | 142.5p | 141.8p | 145.7 | 149.5 | 147.2 | 164.2 | 146.3 | 139.1 | 124.1 | 132.6p | 144.4 |

## Annual rate of increase (%)

| eurostat | EUR 15** | ERM** | ECU** | В    | DK  | D*   | GR   | E    | F   | IRL  | 1              | L    |
|----------|----------|-------|-------|------|-----|------|------|------|-----|------|----------------|------|
| 1991     | 5.0      | 4.0   | 4.4   | 3.7  | 1.7 | 3.7  | 6.9  | 6.7  | 2.3 | 3.1  | 5.5            | 3.6  |
| 1992     | 2.9      | 3.8   | 3.8   | 4.0  | 3.4 | 5.6  | 5.8  | 2.9  | 4.2 | 4.1  | 1.4            | 4.7  |
| 1993     | 0.0      | 3.4   | 3.3   | 5.7  | 4.2 | 8.1  | 5.3  | -6.9 | 5.4 | -3.4 | -9.5           | 6.5  |
| 1994     | 2.3      | 2.3   | 2.8   | 4.5  | 2.7 | 3.4  | 3.4  | -1.9 | 2.4 | 3.1  | 0.0            | 4.3  |
| 1995     | 1.2      | 3.8   | 2.5   | 4.4  | 5.1 | 4.6  | 3.9  | 2.1  | 2.7 | -0.2 | -5.4           | 4.9  |
| 1995 10  | 1.4      | 3.4   | 2.4   | 3.8  | 5.3 | 4.3  | 3.4  | 2.7  | 2.3 | -0.7 | -3.0           | 4.1  |
| 11       | 1.6      | 3.6   | 2.5   | 3.6  | 5.0 | 3.8  | 3.0  | 3.4  | 3.5 | -1.2 | -1.4           | 3.5  |
| 12       | 2.0      | 3.7   | 2.5   | 3.2  | 4.8 | 3.5  | 2.8  | 4.9  | 3.8 | -1.0 | 0.8            | 3.0  |
| 1996 01  | 2.4p     | 3.4p  | 2.4p  | 2.9  | 4.3 | 2.2  | 3.2  | 7.4  | 3.7 | -0.4 | 3.0p           | 2.1  |
| 02       | 2.7p     | 2.9p  | 2.4p  | 2.1  | 4.0 | 1.6  | 3.3  | 7.0  | 3.2 | 0.8  | 5.4p           | 1.2  |
| 03       | 4.4p     | 2.2p  | 2.4p  | 0.3  | 3.5 | -0.5 | 6.3  | 9.8  | 3.6 | 3.1  | 16. <b>1</b> p | -0.5 |
| 04       | 5.0p     | 1.5p  | 2.3p  | -0.6 | 1.3 | -1.2 | 7.7  | 8.6  | 3.1 | 3.4  | 21.4p          | -1.1 |
| 05       | 4.6p     | 1.5p  | 2.3p  | -0.7 | 0.6 | -1.1 | 8.5  | 5.9  | 4.2 | 3.8  | 17.3p          | -1.2 |
| 06       | 4.5p     | 0.9p  | 2.1p  | -1.0 | 0.6 | -1.2 | 8.3  | 3.9  | 3.3 | 4.7  | 17.4p          | -1.5 |
| 07       | 4.4p     | 1.0p  | 2.2p  | -0.6 | 1.0 | -0.7 | 9.0  | 3.4  | 2.8 | 4.9  | 15.6p          | -1.2 |
| 08       | 3.3p     | 1.3p  | 2.0p  | 0.7  | 1.7 | 0.4  | 8.0  | 3.4  | 1.4 | 3.5  | 11.2p          | 0.2  |
| 09       | 3.5p     | 1.2p  | 2.0p  | 0.4  | 1.5 | 0.0  | 8.6  | 4.0  | 1.5 | 4.3  | 11.6p          | -0.2 |
| 10       | 4.3p     | 0.7p  | 2.2p  | -0.5 | 0.9 | -1.3 | 10.3 | 3.5  | 2.3 | 6.2  | 14.1p          | -1.4 |

p=provisional

\* New Consumer Price Indices series for Germany, backdated, taking into account German reunification on 3 October 1990.

\*\* These aggregates are new series, backdated, taking into account the new German CPI and incorporating new weights for Germany.

# TABLE IV

# CONSUMER PRICE INDICES IN ECU

# 1985=100

| NL    | A      | Р     | FIN   | S     | UK    | is   | N     | сн    | USA  | JAP    | CAN  | eurostat |
|-------|--------|-------|-------|-------|-------|------|-------|-------|------|--------|------|----------|
| 117.7 | 124.7  | 137.9 | 124.8 | 128.8 | 118.5 | n.a. | 113.7 | 125.4 | 77.7 | 119.9  | 96.0 | 1991     |
| 123.3 | 131.7  | 153.8 | 110.9 | 131.0 | 117.2 | n.a. | 116.0 | 127.2 | 76.4 | 123.6  | 88.2 | 1992     |
| 132.3 | 142.4  | 152.1 | 98.0  | 113.2 | 112.2 | n.a. | 114.8 | 138.1 | 86.9 | 158.3  | 92.9 | 1993     |
| 137.1 | 147.5  | 152.8 | 107.2 | 115.1 | 115.6 | n.a. | 115.5 | 148.6 | 87.9 | 170.4  | 86.8 | 1994     |
| 143.7 | 154.9  | 159.7 | 117.3 | 116.0 | 111.9 | n.a. | 119.6 | 158.7 | 82.1 | 168.7  | 80.1 | 1995     |
| 144.9 | 155.3  | 160.4 | 118.9 | 120.7 | 111.2 | n.a. | 120.8 | 162.3 | 81.9 | 155.0  | 80.9 | 1995 10  |
| 144.5 | 154.8  | 160.7 | 119.1 | 124.7 | 110.0 | n.a. | 120.3 | 162.4 | 81.7 | 152.9  | 80.6 | 11       |
| 143.8 | 154.3  | 160.0 | 118.2 | 125.5 | 110.6 | n.a. | 120.0 | 161.8 | 82.9 | 155.4  | 80.7 | 12       |
| 143.8 | 154.6  | 161.5 | 116.7 | 124.7 | 110.7 | n.a. | 119.6 | 161.7 | 84.2 | 151.0  | 81.8 | 1996 01  |
| 144.2 | 155.2  | 162.2 | 114.6 | 122.4 | 111.9 | n.a. | 120.2 | 160.3 | 84.7 | 151.1  | 81.6 | 02       |
| 145.2 | 155.6  | 163.2 | 114.0 | 126.3 | 112.3 | n.a. | 120.9 | 161.3 | 85.6 | 151.9  | 83.0 | 03       |
| 144.7 | 154.6  | 165.1 | 112.6 | 128.6 | 113.8 | n.a. | 121.7 | 160.5 | 87.1 | 153.1r | 84.8 | 04       |
| 143.8 | 153.6  | 165.0 | 113.8 | 128.7 | 115.6 | n.a. | 122.0 | 157.6 | 88.5 | 156.8r | 85.5 | 05       |
| 142.8 | 154.3  | 164.3 | 115.4 | 129.8 | 117.1 | n.a. | 122.4 | 156.9 | 88.1 | 151.8r | 85.3 | 06       |
| 143.3 | 155.9  | 165.2 | 115.7 | 128.5 | 115.9 | n.a. | 122.7 | 157.5 | 87.0 | 149.0r | 83.9 | 07       |
| 143.9 | 157.5  | 166.6 | 117.1 | 127.0 | 115.0 | n.a. | 122.1 | 160.3 | 86.3 | 149.2r | 82.9 | 08       |
| 144.6 | 155.6  | 166.7 | 117.1 | 128.8 | 117.5 | n.a. | 123.2 | 158.4 | 87.6 | 148.7r | 84.1 | 09       |
| 144.1 | 154.3p | 167.3 | 117.4 | 130.6 | 120.5 | n.a. | 124.2 | 156.6 | 88.6 | 146.2p | 86.2 | 10       |

## Annual rate of increase (%)

| NL           | Α         | Р    | FIN        | s     | UK   | IS   | N    | сн   | USA  | JAP    | CAN  | eurostat |
|--------------|-----------|------|------------|-------|------|------|------|------|------|--------|------|----------|
| 3.9          | 3.4       | 12.5 | 1.3        | 9.9   | 7.9  | n.a. | 2.5  | 5.3  | 7.4  | 14.2   | 10.9 | 1991     |
| 4.8          | 5.6       | 11.5 | -11.1      | 1.8   | -1.0 | n.a. | 2.0  | 1.5  | -1.2 | 3.4    | -7.6 | 1992     |
| 7.3          | 8.1       | -1.0 | -11.4      | -13.5 | -3.9 | n.a. | -1.0 | 8.6  | 14.0 | 28.3   | 5.6  | 1993     |
| 3.6          | 3.6       | 0.6  | 9.4        | 1.7   | 3.1  | n.a. | 0.6  | 7.7  | 1.4  | 8.3    | -6.5 | 1994     |
| 4.8          | 5.0       | 4.6  | 9.5        | 0.8   | -3.2 | n.a. | 3.5  | 6.9  | -6.6 | -1.0   | -7.5 | 1995     |
| 3.9          | 4.4       | 3.5  | 4.8        | 3.8   | -3.3 | n.a. | 3.5  | 7.3  | -2.0 | -7.5   | -2.0 | 1995 10  |
| 3.8          | 4.0       | 3.3  | 4.8        | 7.2   | -4.7 | n.a. | 3.3  | 8.5  | -3.6 | -10.2  | -3.3 | 11       |
| 3.4          | 3.6       | 2.8  | 4.5        | 8.0   | -5.0 | n.a. | 2.7  | 8.5  | -4.4 | -8.5   | -3.8 | 12       |
| 2.8          | 2.4       | 2.6  | 3.0        | 8.5   | -3.9 | n.a. | 1.5  | 6.5  | -1.3 | -9.6   | 0.9  | 1996 01  |
| 1.9          | 1.8       | 2.0  | 0.1        | 6,4   | -1.9 | n.a. | 1.5  | 4.7  | 0.3  | -9.3   | 0.7  | 02       |
| 0.1          | -0.3      | 1.8  | -1.6       | 12.6  | 0.7  | n.a. | 1.1  | 1.6  | 5.7  | -12.0  | 7.4  | 03       |
| -0.6         | -1.0      | 3.1  | -3.5       | 17.2  | 2.4  | n.a. | 2.3  | -0.1 | 9.2  | -16.7r | 9.1  | 04       |
| -0.6         | -1.3      | 3.2  | -3.0       | 14.6  | 3.4  | n.a. | 2.4  | -0.7 | 9.0  | -15.1r | 6.9  | 05       |
| -0.9         | -1.0      | 3.3  | -1.8       | 16.0  | 4.9  | n.a. | 2.3  | -1.4 | 9.2  | -17.5r | 8.7  | 06       |
| -0.3         | -0.5      | 3.8  | -1.6       | 14.8  | 5.4  | n.a. | 2.7  | -0.1 | 9.0  | -15.0r | 6.5  | 07       |
| 0.8          | 0.8       | 3.6  | -2.0       | 11.0  | 2.6  | n.a. | 1.9  | 1.7  | 4.5  | -10.7r | 1.7  | 08       |
| 0.5          | 0.5       | 4.0  | -1.7       | 9.1   | 3.8  | n.a. | 2.0  | -1.4 | 4.6  | -7.3r  | 1.6  | 09       |
| -0.5         | -0.7p     | 4.3  | -1.2       | 8.3   | 8.4  | n.a. | 2.8  | -3.5 | 8.2  | -5.7p  | 6.5  | 10       |
| n.a. = not a | available |      | p=provisio | nal   |      |      |      |      |      |        |      |          |

r=revised

r=revised

# TABLE V

# ECU BOND ISSUES (Mio ECU) \*

|          | TOTAL  |        | Europear           | n Union          |                   |       | Non-Europ          | ean Unior        | 1                  | Domestic** | EURO +   |
|----------|--------|--------|--------------------|------------------|-------------------|-------|--------------------|------------------|--------------------|------------|----------|
| eurostat | EURO   | Total  | Business<br>sector | Govern-<br>ments | Institu-<br>tions | Total | Business<br>sector | Govern-<br>ments | Organi-<br>sations |            | DOMESTIC |
| 1989     | 11 127 | 6 461  | 4 400              | 500              | 1 561             | 4 666 | 4 141              | 425              | 100                | 1 652      | 12 779   |
| 1990     | 15 040 | 10 525 | 3 990              | 5 000            | 1 535             | 4 515 | 3 565              | 550              | 400                | 2 857      | 17 897   |
| 1991     | 27 163 | 19 266 | 6 581              | 7 900            | 4 785             | 7 897 | 3 932              | 3 790            | 175                | 3 134      | 30 297   |
| 1992     | 19 242 | 11 675 | 4 870              | 2 475            | 4 330             | 7 567 | 3 902              | 2 850            | 815                | 4 151      | 23 393   |
| 1993     | 6 870  | 5 020  | 1 565              | 250              | 3 205             | 1 850 | 250                | 1 600            | 0                  | 6 508      | 13 378   |
| 1994     | 6 485  | 5 010  | 1 825              | 1 300            | 1 885             | 1 475 | 1 075              | 400              | 0                  | 7 311      | 13 796   |
| 1995     | 5 596  | 5 046  | 956                | 3 075            | 1 015             | 550   | 550                | 0                | 0                  | 6 784      | 12 380   |
| 1994 IV  | 1 315  | 915    | 350                | 0                | 565               | 400   | 400                | 0                | 0                  | 1 033      | 2 348    |
| 1995 I   | 2 375  | 2 075  | 525                | 900              | 650               | 300   | 300                | 0                | 0                  | 2 939      | 5 314    |
| 11       | 281    | 31     | 31                 | 0                | 0                 | 250   | 250                | 0                | 0                  | 1 075      | 1 356    |
| 111      | 2 375  | 2 375  | 50                 | 2 175            | 150               | 0     | 0                  | 0                | 0                  | 2 050      | 4 425    |
| IV       | 565    | 565    | 350                | 0                | 215               | 0     | 0                  | 0                | 0                  | 720        | 1 285    |
| 1996 I   | 605    | 605    | 605                | 0                | 0                 | 0     | 0                  | 0                | 0                  | 2 073      | 2 678    |
| 11       | 870    | 870    | 315                | 55               | 500               | 0     | 0                  | 0                | 0                  | 2 247      | 3 117    |
| III      | 1 330  | 1 330  | 1 030              | 0                | 300               | 0     | 0                  | 0                | 0                  | 1 905      | 3 235    |
| 1996 9   | 605    | 605    | 455                | 0                | 150               | 0     | 0                  | 0                | 0                  | 589        | 1 194    |
| 10       | 165    | 165    | 55                 | 60               | 50                | 0     | 0                  | 0                | 0                  | 1 139      | 1 304    |
| 11       | 55     | 55     | 55                 | 0                | 0                 | 0     | 0                  | 0                | 0                  | 517        | 572      |

(\*) Recording based on the payment date

(\*\*) Only domestic issues which can be assimilated with Eurobonds

# TABLE VI

# LAST MONTH'S ECU BOND ISSUES

| lssue<br>Payment<br>Date | Borrower & country     | Amount<br>Issued<br>(Mio<br>Ecu) | lssue<br>Price | Coupon | Term<br>(years) | Maturity   | Yield % | Lead<br>Manager                                | Listing | Notice |
|--------------------------|------------------------|----------------------------------|----------------|--------|-----------------|------------|---------|--|---------|--------|
| 14.11.1996<br>28.11.1996 | France OAT             | 335                              | 105.07         | 7      | 9+5m            | 25.04.2006 | 6.26    | Auct   | PA      | FG     |
| 14.11.1996<br>28.11.1996 | France OAT             | 182                              | 100.23         | 6      | 7+5m            | 25.04.2004 | 5.95    | Auct   | PA      | FG     |
| 15.11.1996<br>12.12.1996 | ANTS (UK)              | 100                              | 101.055        | 5      | 4               | 12.12.2000 | 4.70    | Paribas  | LN      |        |
| 22.11.1996<br>10.01.1997 | CNCA (FR)              | 100                              | 72.918         | zero   | 6               | 10.01.2003 | 5.40    | CNCA/KB  | LU      | IS     |
| 28.11.1996<br>16.01.1997 | Crédit Local de France | 100                              | 101.40         | 5.5    | 5+11m           | 16.12.2002 | 5.22    | BIL et<br>Crédit<br>Communal<br>de<br>Belgique | LU      | CSIS   |

|          | Issuers |        | R      | esidual matu | rity in years |        |        | Total   |
|----------|---------|--------|--------|--------------|---------------|--------|--------|---------|
| eurostat | 1550015 | < 1    | 1-3    | 3-5          | 5-7           | 7-10   | > 10   | i iotai |
| eurostat | GOV     | 9 446  | 30 694 | 13 782       | 6 929         | 9 802  | 4 750  | 75 403  |
| 29/11/96 | SUPRA   | 2 934  | 5 290  | 7 005        | 1 595         | 700    | 600    | 18 124  |
| 23/11/30 | Others  | 5 537  | 7 907  | 7 411        | 1 632         | 2 381  | 625    | 25 493  |
|          | Total   | 17 917 | 43 891 | 28 198       | 10 156        | 12 883 | 5 975  | 119 020 |
|          |         |        |        |              |               |        |        |         |
|          | GOV     | 10 155 | 29 208 | 15 282       | 6 929         | 9 285  | 4 750  | 75 609  |
| 31/10/96 | SUPRA   | 2 799  | 5 340  | 5 855        | 2 845         | 700    | 600    | 18 139  |
|          | Others  | 6 158  | 7 807  | 7 511        | 1 582         | 2 376  | 625    | 26 059  |
|          | Total   | 19 112 | 42 355 | 28 648       | 11 356        | 12 361 | 5 975  | 119 807 |
|          | GOV     | 10 361 | 28 708 | 14 468       | 7 429         | 8 960  | 4 750  | 74 676  |
| 30/09/96 | SUPRA   | 3 349  | 5 040  | 6 155        | 2 845         | 700    | 600    | 18 689  |
|          | Others  | 6 494  | 7 842  | 6 441        | 2 842         | 2 321  | 625    | 26 565  |
|          | Total   | 20 204 | 41 590 | 27 064       | 13 116        | 11 981 | 5 975  | 119 930 |
|          | GOV     | 12 526 | 25 589 | 19 483       | 10 746        | 7 468  | 4 750  | 80 562  |
| 31/12/95 | SUPRA   | 3 047  | 5 732  | 5 150        | 4 900         | 700    | 600    | 20 129  |
|          | Others  | 6 963  | 9 954  | 6 099        | 4 337         | 1 438  | 1 325  | 30 116  |
|          | Total   | 22 536 | 41 275 | 30 732       | 19 983        | 9 606  | 6 675  | 130 807 |
|          | GOV     | 11 288 | 20 359 | 21 093       | 10 021        | 10 235 | 5 750  | 78 746  |
| 31/12/94 | SUPRA   | 2 610  | 6 359  | 4 900        | 5 170         | 2 200  | 600    | 21 839  |
|          | Others  | 9 315  | 12 235 | 7 654        | 5 134         | 2 177  | 1 325  | 37 840  |
|          | Total   | 23 213 | 38 953 | 33 647       | 20 325        | 14 612 | 7 675  | 138 425 |
|          | GOV     | 9 942  | 22 316 | 15 040       | 6 263         | 9 781  | 7 048  | 70 390  |
| 31/12/93 | SUPRA   | 3 125  | 5 457  | 5 657        | 3 480         | 4 360  | 1 000  | 23 079  |
|          | Others  | 10 567 | 16 094 | 8 254        | 4 099         | 3 428  | 2 426  | 44 868  |
|          | Total   | 23 634 | 43 867 | 28 951       | 13 842        | 17 569 | 10 474 | 138 337 |

# TABLE VII OUTSTANDING AMOUNT OF ECU BONDS (IN MILLIONS OF ECU)

GOV = Central governments

SUPRA = Supranational institutions

# TABLE VIII

# TOTAL SECONDARY MARKET TURNOVER AND % OF MARKET TAKEN BY ECU SECURITIES

| ा-न7त    | Turnove    | r in millions of | USD       |                        | % of marke          | et held by EC     | J securities b         | y instrument               |                          |
|----------|------------|------------------|-----------|------------------------|---------------------|-------------------|------------------------|----------------------------|--------------------------|
| eurostat | All        | of wh            |           | Eurobonds<br>straights | Others<br>straights | Converti-<br>bles | Floating<br>rate notes | Certificates<br>of deposit | Short- &<br>med.<br>term |
|          |            | ECU              | USD       |                        |                     |                   |                        |                            | notes                    |
| 1991     | 7 543 435  | 1 299 480        | 2 024 440 | 25.69                  | 11.71               | 1.26              | 2.49                   | 4.52                       | 19.30                    |
| 1992     | 12 817 697 | 1 795 023        | 2 471 247 | 23.15                  | 8.66                | 2.76              | 3.94                   | 6.47                       | 20.83                    |
| 1993     | 21 147 243 | 1 396 407        | 3 381 535 | 11.14                  | 3.76                | 1.78              | 1.96                   | 6.70                       | 17.22                    |
| 1994     | 26 885 805 | 1 760 679        | 4 726 177 | 11.16                  | 3.72                | 1.20              | 0.69                   | 0.34                       | 23.65                    |
| 1995     | 32 410 622 | 2 281 559        | 5 718 454 | 8.45                   | 4.52                | 0.77              | 1.48                   | 0.37                       | 26.95                    |
| 1995 11  | 3 032 561  | 179 864          | 509 295   | 6.70                   | 4.12                | 0.61              | 2.84                   | 0.00                       | 23.09                    |
| 12       | 2 846 058  | 150 598          | 493 047   | 6.02                   | 4.24                | 0.88              | 1.96                   | 0.00                       | 17.04                    |
| 1996 1   | 3 412 617  | 197 548          | 646 640   | 5.97                   | 4.04                | 1.66              | 1.70                   | 0.00                       | 23.92                    |
| 2        | 3 694 223  | 192 959          | 668 635   | 5.72                   | 3.69                | 1.03              | 1.04                   | 0.00                       | 21.37                    |
| 3        | 3 801 201  | 183 988          | 675 964   | 6.27                   | 3. <b>33</b>        | 1.87              | 0.76                   | 0.00                       | 21.03                    |
| 4        | 3 326 466  | 170 801          | 594 006   | 6.77                   | 3.42                | 1.02              | 1.21                   | 0.00                       | 21.04                    |
| 5        | 3 547 163  | 174 424          | 700 521   | 5.85                   | 3.55                | 1.59              | 1.49                   | 0.00                       | 18.04                    |
| 6        | 3 528 860  | 158 378          | 626 095   | 6.03                   | 3.24                | 0.88              | 1.17                   | 0.00                       | 16.72                    |
| 7        | 3 957 155  | 182 917          | 743 007   | 6.32                   | 2.93                | 0.58              | 1.85                   | 0.00                       | 18.72                    |
| 8        | 3 604 991  | 145 558          | 688 607   | 5.70                   | 2.84                | 0.36              | 1.01                   | 0.00                       | 15.32                    |
| 9        | 4 002 420  | 140 360          | 699 757   | 5.12                   | 2.82                | 0.93              | 0.74                   | 0.00                       | 11.46                    |
| 10       | 4 358 228  | 188 569          | 856 512   | 5.13                   | 3.47                | 0.59              | 0.98                   | 0.00                       | 14.06                    |

# TABLE IX

# OPERATION RATES OF THE EMI (CALCULATION MONTH, APPLICABLE THE FOLLOWING MONTH) AND INTEREST RATES AND YIELDS OF ECU INVESTMENTS (%)

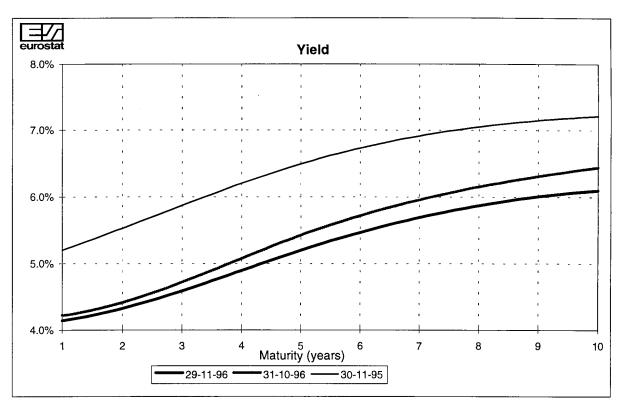
|          | EMI * | Depo  | osits (matu | ırity in mo | nths) |      |      | Y    | ield on E | CU bond | s (maturi | ty in yea | rs)              |      |      |
|----------|-------|-------|-------------|-------------|-------|------|------|------|-----------|---------|-----------|-----------|------------------|------|------|
| eurostat |       | 1     | 3           | 6           | 12    | 1    | 2    | 3    | 4         | 5       | 6         | 7         | 8                | 9    | 10   |
| 1991     | 10.10 | 9.73  | 9.80        | 9.84        | 9.83  |      |      |      |           |         |           |           |                  |      |      |
| 1992     | 10.29 | 10.43 | 10.41       | 10.27       | 10.01 |      |      |      |           |         |           |           |                  |      |      |
| 1993     | 8.21  | 8.27  | 7.99        | 7.65        | 7.11  | 7.30 | 6.89 | 6.75 | 6.79      | 6.92    | 7.05      | 7.15      | 7.21             | 7.23 | 7.20 |
| 1994     | 5.92  | 5.95  | 5.98        | 6.05        | 6.21  | 6.34 | 6.76 | 6.99 | 7.12      | 7.22    | 7.37      | 7.53      | 7.64             | 7.67 | 7.54 |
| 1995     | 5.88  | 5.85  | 5.90        | 5.98        | 6.15  | 6.23 | 6.66 | 6.99 | 7.25      | 7.46    | 7.63      | 7.76      | 7.84             | 7.88 | 7.86 |
| 1995 6   | 6.00  | 6.08  | 6.08        | 6.10        | 6.20  | 6.27 | 6.66 | 6.97 | 7.22      | 7.41    | 7.55      | 7.65      | 7.72             | 7.77 | 7.82 |
| 7        | 6.00  | 5.96  | 5.96        | 5.99        | 6.12  | 6.18 | 6.60 | 6.93 | 7.19      | 7.41    | 7.60      | 7.74      | 7.82             | 7.83 | 7.74 |
| 8        | 5.75  | 5.73  | 5.73        | 5,75        | 5.83  | 5.89 | 6.31 | 6.66 | 6.94      | 7.17    | 7.36      | 7.50      | 7.5 <del>9</del> | 7.64 | 7.65 |
| 9        | 5.50  | 5.47  | 5.47        | 5.47        | 5.52  | 5.59 | 5.97 | 6.35 | 6.69      | 6.99    | 7.22      | 7.39      | 7.51             | 7.59 | 7.63 |
| 10       | 5.50  | 5.66  | 5.66        | 5.66        | 5.67  | 5.66 | 6.05 | 6.45 | 6.82      | 7.13    | 7.37      | 7.54      | 7.66             | 7.73 | 7.78 |
| 11       | 5.75  | 5.43  | 5.42        | 5.41        | 5.40  | 5.39 | 5.76 | 6.13 | 6.46      | 6.75    | 6.99      | 7.16      | 7.29             | 7.37 | 7.41 |
| 12       | 5.25  | 5.31  | 5.22        | 5.16        | 5.12  | 5.12 | 5.43 | 5.76 | 6.10      | 6.39    | 6.62      | 6.79      | 6.92             | 7.03 | 7.14 |
| 1996 1   | 5.25  | 4.83  | 4.75        | 4.70        | 4.68  | 4.69 | 4.95 | 5.29 | 5.67      | 6.00    | 6.25      | 6.44      | 6.59             | 6.74 | 6.92 |
| 2        | 4.75  | 4.62  | 4.57        | 4.53        | 4.54  | 4.54 | 4.98 | 5.41 | 5.81      | 6.15    | 6.42      | 6.65      | 6.83             | 7.00 | 7.16 |
| 3        | 4.50  | 4.56  | 4.54        | 4.54        | 4.61  | 4.63 | 5.17 | 5.65 | 6.06      | 6.40    | 6.66      | 6.85      | 7.01             | 7.17 | 7.34 |
| 4        | 4.50  | 4.38  | 4.35        | 4.34        | 4.41  | 4.50 | 4.93 | 5.37 | 5.78      | 6.14    | 6.41      | 6.61      | 6.77             | 6.91 | 7.05 |
| 5        | 4.25  | 4.31  | 4.24        | 4.23        | 4.29  | 4.37 | 4.82 | 5.28 | 5.71      | 6.08    | 6.37      | 6.59      | 6.77             | 6.91 | 7.04 |
| 6        | 4.25  | 4.35  | 4.34        | 4.35        | 4.49  | 4.58 | 5.03 | 5.44 | 5.82      | 6.15    | 6.45      | 6.70      | 6.89             | 7.01 | 7.07 |
| 7        | 4.25  | 4.33  | 4.34        | 4.37        | 4.53  | 4.59 | 5.02 | 5.42 | 5.78      | 6.10    | 6.38      | 6.62      | 6.80             | 6.92 | 6.99 |
| 8        | 4.25  | 4.28  | 4.29        | 4.32        | 4.44  | 4.56 | 4.90 | 5.28 | 5.67      | 6.02    | 6.30      | 6.51      | 6.68             | 6.81 | 6.92 |
| 9        | 4.25  | 4.14  | 4.15        | 4.17        | 4.28  | 4.38 | 4.66 | 5.03 | 5.42      | 5.78    | 6.07      | 6.30      | 6.47             | 6.61 | 6.72 |
| 10       | 4.00  | 4.06  | 4.06        | 4.07        | 4.12  | 4.20 | 4.36 | 4.66 | 5.03      | 5.39    | 5.69      | 5.93      | 6.12             | 6.27 | 6.39 |
| 11       | 4.00  | 4.07  | 4.07        | 4.09        | 4.15  | 4.23 | 4.41 | 4.70 | 5.03      | 5.36    | 5.63      | 5.86      | 6.04             | 6.19 | 6.32 |

(\*) See explanatory notes

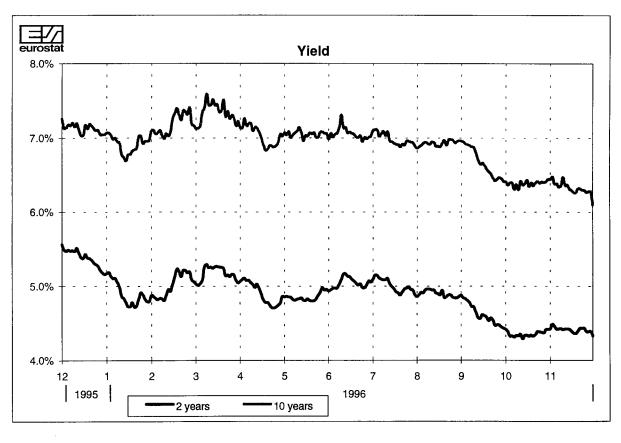
## DAILY RATES

|          | Depo | osits (matu | ırity in mo | nths) |      |      | Y    | ield on E | CU bond | s (maturi | ty in yea | rs)  |      |      |
|----------|------|-------------|-------------|-------|------|------|------|-----------|---------|-----------|-----------|------|------|------|
| eurostat | 1    | 3           | 6           | 12    | 1    | 2    | 3    | 4         | 5       | 6         | 7         | 8    | 9    | 10   |
| 1.11.96  | 4.06 | 4.06        | 4.09        | 4.16  | 4.26 | 4.42 | 4.72 | 5.07      | 5.42    | 5.72      | 5.96      | 6.15 | 6.31 | 6.44 |
| 4.11.96  | 4.07 | 4.08        | 4.11        | 4.17  | 4.29 | 4.48 | 4.78 | 5.13      | 5.47    | 5.76      | 5.99      | 6.19 | 6.34 | 6.47 |
| 5.11.96  | 4.10 | 4.13        | 4.13        | 4.19  | 4.26 | 4.46 | 4.75 | 5.09      | 5.43    | 5.72      | 5.95      | 6.14 | 6.28 | 6.38 |
| 6.11.96  | 4.06 | 4.06        | 4.09        | 4.14  | 4.25 | 4.42 | 4.70 | 5.04      | 5.38    | 5,66      | 5.89      | 6.08 | 6.24 | 6.38 |
| 7.11.96  | 4.06 | 4.06        | 4.09        | 4.17  | 4.24 | 4.42 | 4.70 | 5.04      | 5.38    | 5.66      | 5.89      | 6.08 | 6.22 | 6.34 |
| 8.11.96  | 4.06 | 4.06        | 4.08        | 4.14  | 4.25 | 4.43 | 4.72 | 5.06      | 5.39    | 5.67      | 5.89      | 6.07 | 6.23 | 6.36 |
| 11.11.96 | 4.06 | 4.06        | 4.09        | 4.14  | 4.21 | 4.41 | 4.71 | 5.06      | 5.39    | 5.67      | 5.90      | 6.09 | 6.28 | 6.47 |
| 12.11.96 | 4.06 | 4.06        | 4.09        | 4.14  | 4.24 | 4.42 | 4.71 | 5.05      | 5.39    | 5.67      | 5.89      | 6.08 | 6.23 | 6.36 |
| 13.11.96 | 4.06 | 4.06        | 4.09        | 4.16  | 4.24 | 4.42 | 4.71 | 5.05      | 5.39    | 5.66      | 5.89      | 6.07 | 6.23 | 6.37 |
| 14.11.96 | 4.06 | 4.06        | 4.09        | 4.15  | 4.21 | 4.42 | 4.71 | 5.04      | 5.36    | 5.64      | 5.87      | 6.05 | 6.20 | 6.31 |
| 15.11.96 | 4.06 | 4.06        | 4.09        | 4.16  | 4.18 | 4.39 | 4.69 | 5.02      | 5.35    | 5.62      | 5.85      | 6.03 | 6.17 | 6.29 |
| 18.11.96 | 4.06 | 4.06        | 4.07        | 4.13  | 4.20 | 4.36 | 4.64 | 4.98      | 5.31    | 5,58      | 5.81      | 5.99 | 6.14 | 6.27 |
| 19.11.96 | 4.06 | 4.06        | 4.06        | 4.13  | 4.15 | 4.36 | 4.65 | 4.99      | 5.31    | 5.58      | 5.80      | 5.98 | 6.13 | 6.26 |
| 20.11.96 | 4.06 | 4.06        | 4.08        | 4.13  | 4.20 | 4.39 | 4.69 | 5.03      | 5.36    | 5.63      | 5.84      | 6.02 | 6.17 | 6.32 |
| 21.11.96 | 4.06 | 4.06        | 4.09        | 4.16  | 4.26 | 4.43 | 4.71 | 5.04      | 5.36    | 5,63      | 5.85      | 6.02 | 6.17 | 6.31 |
| 22.11.96 | 4.06 | 4.07        | 4.09        | 4.16  | 4.24 | 4.43 | 4.71 | 5.04      | 5.35    | 5.62      | 5.84      | 6.02 | 6.17 | 6.30 |
| 25.11.96 | 4.06 | 4.06        | 4.09        | 4.16  | 4.24 | 4.43 | 4.71 | 5.04      | 5.35    | 5.62      | 5.83      | 6.01 | 6.16 | 6.29 |
| 26.11.96 | 4.06 | 4.07        | 4.09        | 4.16  | 4.23 | 4.39 | 4.66 | 5.00      | 5.32    | 5.59      | 5.81      | 5.98 | 6.13 | 6.27 |
| 27.11.96 | 4.06 | 4.06        | 4.09        | 4.15  | 4.21 | 4.39 | 4.67 | 5.00      | 5.31    | 5.58      | 5.79      | 5.96 | 6.12 | 6.28 |
| 28.11.96 | 4.13 | 4.07        | 4.09        | 4.16  | 4.23 | 4,39 | 4.66 | 4.98      | 5.31    | 5.57      | 5.78      | 5.96 | 6.12 | 6.27 |
| 29.11.96 | 4.11 | 4.07        | 4.09        | 4.13  | 4.15 | 4.33 | 4.59 | 4.89      | 5.20    | 5.47      | 5.69      | 5.87 | 6,01 | 6.10 |





**GRAPH 4: EVOLUTION OF ECU YIELDS** 



| TABLE X             |          |
|---------------------|----------|
| CENTRAL BANK INTERE | ST RATES |

|  | . DAN        |              |              | AIL3         |              |              |              | r            |              | <u> </u>     |              |       | 00             |       |              |              |
|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|----------------|-------|--------------|--------------|
|  | DR           | B<br>AUCT    | AR           | CR           | DR           | DK<br>REPO   | CD           | DR           | LR           | D            | 3D TB        | DR    | GR<br>LR       | OR    | REPO         | AR           |
| eurostat                                     |              | AUUT         |              | 011          | Diri         |              |              | S AT TH      |              | •            | 00 10        |       |                |       |              | <u></u>      |
| 11/05  | 2 50         | 2.05         | 5 20         | 3.95         | 4 75         | 5.00         |              | 3.50         |              |              | 4 50         | 19 50 | 22.00          | 27.00 | 0.25         | 9.30         |
| 11/95  | 3.50         | 3.95         | 5.20         |              | 4.75         |              | 5.00         |              | 5.50         | 3.98         | 4.50         | 1     | 22.00<br>21.50 |       | 9.25         |              |
| 12/95<br>01/96                               | 3.00         | 3.75<br>3.55 | 5.00<br>4.65 | 3.75<br>3.40 | 4.25<br>4.00 | 4.60<br>4.35 | 4.60<br>4.35 | 3.00<br>3.00 | 5.00<br>5.00 | 3.75<br>3.55 | 4.50<br>4.50 |       | 21.50          |       | 9.00<br>8.75 | 9.05<br>8.80 |
| 01/96  | 3.00<br>3.00 | 3.30         | 4.05         | 3.30         | 4.00         | 4.35         | 4.35         | 3.00         | 5.00         | 3.30         | 4.50         |       | 21.50          |       | 8.75         | 8.80         |
| 02/90  | 3.00         | 3.30         | 4.55         | 3.30         | 3.75         | 4.00         | 4.00         | 3.00         | 5.00         | 3.30         | 4.50         |       | 21.50          |       | 8.25         | 8.35         |
| 04/96  | 2.50         | 3.30         | 4.55         | 3.30         | 3.25         | 3.80         | 3.80         | 2.50         | 4.50         | 3.30         | 3.10         |       | 21.00          |       | 7.75         | 7.85         |
| 05/96  | 2.50         | 3.20         | 4.45         | 3.20         | 3.25         | 3.80         | 3.80         | 2.50         | 4.50         | 3.30         | 3.10         |       | 21.00          |       | 7.50         | 7.60         |
| 06/96  | 2.50         | 3.20         | 4.45         | 3.20         | 3.25         | 3.70         | 3.70         | 2.50         | 4.50         | 3.30         | 3.10         |       | 21.00          |       | 7.25         | 7.35         |
| 07/96  | 2.50         | 3.20         | 4.45         | 3.20         | 3.25         | 3.70         | 3.70         | 2.50         | 4.50         | 3.30         | 3.10         |       | 21.00          |       | 7.25         | 7.35         |
| 08/96  | 2.50         | 3.00         | 4.25         | 3.00         | 3.25         | 3.50         | 3.50         | 2.50         | 4.50         | 3.00         | 3.10         |       | 21.00          |       | 7.25         | 7.35         |
| 09/96  | 2.50         | 3.00         | 4.25         | 3.00         | 3.25         | 3.50         | 3.50         | 2.50         | 4.50         | 3.00         | 3.10         | 17.50 | 21.00          | 26.00 | 7.25         | 7.35         |
| 10/96  | 2.50         | 3.00         | 4.25         | 3.00         | 3.25         | 3.50         | 3.50         | 2.50         | 4.50         | 3.00         | 3.10         | 17.50 | 21.00          | 26.00 | 6.75         | 6.85         |
| 11/96  | 2.50         | 3.00         | 4.25         | 3.00         | 3.25         | 3.50         | 3.50         | 2.50         | 4.50         | 3.00         | 3.10         | 17.50 | 21.00          | 26.00 | 6.75         | 6.85         |
|  |              |              |              |              |              | R            | ECENT        | ACTU         | AL CHA       | NGES         |              |       |                |       |              |              |
| 01.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 02.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              | 7.38         |
| 03.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       | 6.75         | 6.85         |
| 04.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 07.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 08.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 09.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 10.10.96                                     |              |              |              |              |              |              |              | i i          |              |              | ĺ            |       |                |       |              |              |
| 11.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 15.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 16.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 17.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 18.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 21.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 22.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 23.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 24.10.96                                     |              |              |              | 1            |              |              |              |              |              |              |              |       |                |       |              |              |
| 25.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 28.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 29.10.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 30.10.96<br>31.10.96                         |              |              |              |              |              |              |              |              |              |              | }            |       |                |       |              |              |
| 01.11.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       | -            |              |
| 04.11.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 05.11.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 06.11.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                | ļ     |              |              |
| 07.11.96                                     |              |              |              |              |              |              |              |              |              |              | ľ            |       |                |       |              |              |
| 08.11.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 1.11.96                                      |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 2.11.96                                      |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 13.11.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 4.11.96                                      |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 5.11.96                                      |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 18.11.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 19.11.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 20.11.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 2.11.96                                      |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
|  |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 25.11.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
|  |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 26.11.96                                     |              |              |              |              |              |              |              |              |              |              |              |       |                |       |              |              |
| 25.11.96<br>26.11.96<br>27.11.96<br>28.11.96 |              |              |              |              |              |              |              |              |              |              |              |       |                | -     |              |              |

Please see explanatory notes at the end of the publication for the key to the various rates. Data series with the same abbreviation are not necessarily internationally comparable.

|              |              |              | NTERE        | ST RAT       | res          |              | r ·          |              |       |              |      |                |              |              |                |                |                      |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|-------|--------------|------|----------------|--------------|--------------|----------------|----------------|----------------------|
|              | F            | IRL          |              |              | <u> </u>     | T            |              | <u>NL</u>    |       | <u>A</u>     | r    |                |              | P            |                |                | <b>FTET</b>          |
| AUCT         | REPO         | STF          | DR           | LR           | REPO         | R-REPO       | SPR          | AR           | DR    | LR           | REPO | PRR            | SFR          | DR R         | DRO            | PRO            | eurostat_            |
|              |              |              |              |              |              |              | RATES        | AT THE       | END ( | DF:          |      |                |              |              |                |                |                      |
| 4.80         | 6.10         | 7.00         | 9.00         | 10.50        | 10.52        | :            | 3.60         | 3.25         | 3.50  | 5.25         | 4.05 | 8.750          | 11.00        | 8.25         | 8.250          | 8.750          | 11/95                |
| 4.45         | 5.85         | 6.50         | 9.00         | 10.50        | 10.50        | :            | 3.40         | 2.75         | 3.00  | 5.25         | 3.75 | 8.500          | 10.50        | 7.75         | 7.750          | 8.501          | 12/95                |
| 4.20         | 5.60         | 6.50         | 9.00         | 10.50        | 9.88         | :            | 3.20         | 2.75         | 3.00  | 5.25         | 3.65 | 8.250          | 10.50        | 7.75         | 7.750          | 8.250          | 01/96                |
| 3.90         | 5.60         | 6.50         | 9.00         | 10.50        | 10.01        | :            | 3.00         | 2.75         |       | 5.25         |      | 8.000          | 10.50        | 7.75         | 7.750          | 8.000          | 02/96                |
| 3.80         | 5.50         | 6.50         | 9.00         | 10.50        | 9.98         | :            | 2.90         | 2.50         | 1     | 5.25         |      | 7.800          | 10.25        | 7.50         | 7.500          | 7.900          | 03/96                |
| 3.70         | 4.90         | 6.25         | 9.00         | 10.50        | 9.32         | :            | 2.70         | 2.00         |       | 4.75         |      | 7.500          | 9.00         | 6.80         | 6.800          | 7.500          | 04/96                |
| 3.70         | 4.90         | 6.25         | 9.00         | 10.50        | 9.38         | 9.29         | 2.60         | 2.00         | 1     | 4.75         |      | 7.500          | 9.00         | 6.80         | 6.800          | 7.500          | 05/96                |
| 3.60         | 4.90         | 6.25         | 9.00         | 10.50        | 8.75         | 9.29         | 2.60         | 2.00         |       | 4.75         |      | 7.500          | 9.00         | 6.80         | 6.800          | 7.500          | 06/96                |
| 3.55         | 4.90         | 6.25         | 8.25<br>8.25 | 9.75<br>9.75 | 8.70<br>8.58 | 9.29<br>9.29 | 2.70<br>2.50 | 2.00<br>2.00 |       | 4.75<br>4.75 |      | 7.500<br>7.500 | 9.00<br>9.00 | 6.80         | 6.800          | 7.500          | 07/96                |
| 3.35<br>3.25 | 4.75<br>4.75 | 6.25<br>6.25 | 8.25         | 9.75         | 8.22         | 9.29<br>9.29 | 2.50         | 2.00         | 1     | 4.75         |      | 7.250          | 9.00         | 6.80<br>6.80 | 6.800<br>6.800 | 7.500<br>7.250 | 08/96<br>09/96       |
| 3.25         | 4.75         | 6.25         | 7.50         | 9.00         | 8.22         | 8.61         | 2.50         | 2.00         | 1     | 4.75         |      | 7.000          | 9.00         | 6.80         | 6.800          | 7.250          | 10/96                |
| 3.20         | 4.75         | 6.25         | 7.50         | 9.00         | 8.01         | 8.08         | 2.50         | 2.00         | 1     | 4.75         |      | :              | :            |              |                |                | 11/96                |
|              | 4.75         | 0.25         | 7.50         | 3.00         | 0.01         |              |              |              | 1     |              | 0.40 | ·              | •            | :            | :              | :              | 11/90                |
|              |              |              |              | <u></u>      |              |              | CENT         | ACTUAL       |       | GES          |      |                |              |              |                |                |                      |
|              |              |              |              |              |              | 8.38         |              |              |       |              |      |                |              |              |                |                | 01.10.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 02.10.96             |
|              |              |              |              |              |              |              |              |              |       |              |      | 7.100          |              |              |                |                | 04.10.96             |
|              |              |              |              |              |              | 8.59         |              |              |       |              |      | 1.100          |              |              |                | 7.100          | 07.10.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 08.10.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 09.10.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 10.10.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 11.10.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 14.10.96             |
|              |              |              |              |              |              | 8.60         |              |              |       |              |      |                |              |              |                |                | 15.10.96             |
|              |              |              |              |              |              | 0.04         |              |              |       |              |      |                |              |              |                |                | 16.10.96             |
|              |              |              |              |              |              | 8.61         |              |              |       |              |      |                |              |              |                | 7 400          | 17.10.96             |
|              |              |              |              |              |              |              |              |              |       |              |      | 7.000          |              |              |                | 7.102          | 18.10.96             |
|              |              |              |              |              |              |              |              |              |       |              |      | 7.000          |              |              |                | 7.000          | 21.10.96<br>22.10.96 |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                | 7.000          | 23.10.96             |
|              |              |              | 7.50         | 9.00         |              |              |              |              |       |              |      |                |              |              |                |                | 24.10.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 25.10.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 28.10.96             |
|              |              |              |              |              |              |              | 1            |              |       |              |      |                |              |              |                |                | 29.10.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 30.10.96             |
| ·····        |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 31.10.96             |
|              |              |              |              |              |              | 0.00         |              |              |       |              |      |                |              |              |                |                | 01.11.96             |
| 2 00         |              |              |              |              |              | 8.30         |              |              |       |              |      |                |              |              |                |                | 04.11.96<br>05.11.96 |
| 3.20         |              |              |              |              |              | 8.05         |              |              |       |              |      |                |              |              |                |                | 06.11.96             |
|              |              |              |              |              |              | 0.00         |              |              |       |              |      |                |              |              |                |                | 07.11.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 08.11.96             |
|              |              |              |              |              |              | 8.03         |              |              |       |              |      |                |              |              |                |                | 11.11.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 12.11.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 13.11.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 14.11.96             |
|              |              |              |              |              |              | 8.08         |              |              |       |              |      |                |              |              |                |                | 15.11.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 18.11.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 19.11.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 20.11.96<br>21.11.96 |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 22.11.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 25.11.96             |
|              |              |              |              |              | 7.93         |              |              |              |       |              |      |                |              |              |                |                | 26.11.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 27.11.96             |
|              |              |              |              |              | 8.01         |              |              |              |       |              |      |                |              |              |                |                | 28.11.96             |
|              |              |              |              |              |              |              |              |              |       |              |      |                |              |              |                |                | 29.11.96             |
|              |              | 1            |              |              |              |              | 1            |              | 1     |              |      |                |              |              |                |                | 1                    |

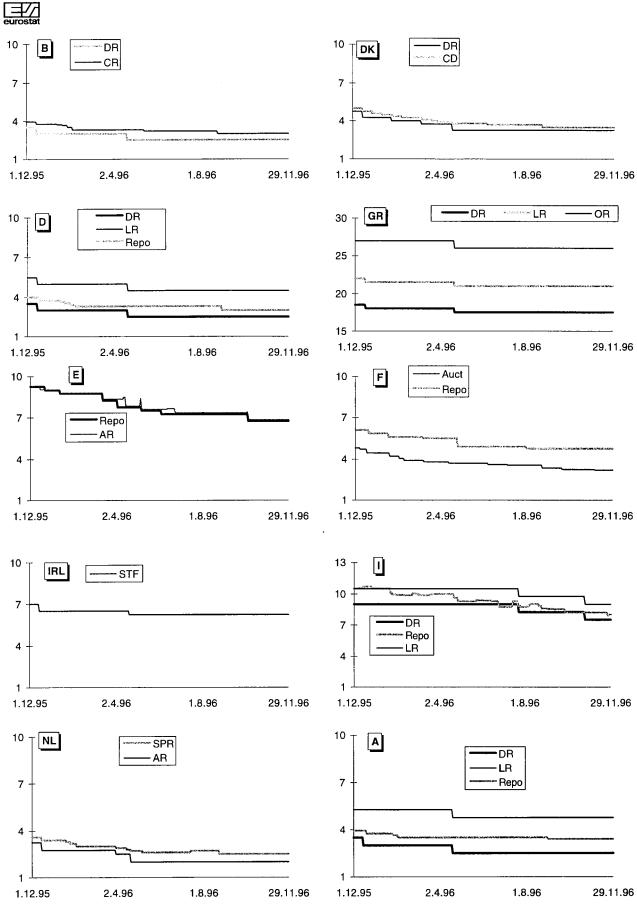
TABLE X CENTRAL BANK INTEREST RATES

Please see explanatory notes at the end of the publication for the key to the various rates. Data series with the same abbreviation are not necessarily internationally comparable.

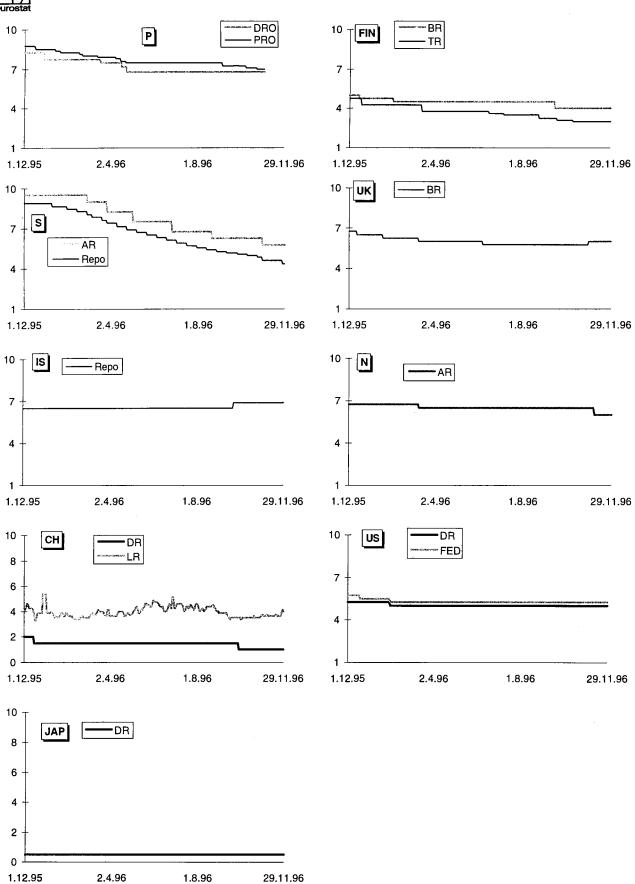
| CENTRA               | L BAN        | K INTE       | EREST        | RATES        | ;            |              |              |              |              |              |              |              |              |                |              |              |              |
|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|--------------|--------------|--------------|
| <b>NE</b>            | ľ            | FIN          |              | ļ            |              | S            |              | UK           |              | IS           |              | N            |              | с <u>н</u>     | 1            | ļs           | JAP          |
| _eurostat_           | BR           | TR           | AR           | DR           | AR           | REPO         | IBR          | BR           | DR           | REPO         | CD           | AR           | DR           | LR             | DR           | FED          | DR           |
|                      | ·r           |              |              |              |              |              | •            |              | 1            | ND OF:       |              |              | ·            | · .            |              |              |              |
| 11/95                | 5.00         | 4.75         | 6.75         | 7.00         | 9.50         | 8.91         | 9.40         | 6.75         | 5.60         | 6.50         | 4.40         | 6.75         | 2.00         | 4.375          | 1            | 5.75         | 0.50         |
| 12/95                | 4.75         | 4.25         | 6.75         | 7.00         | 9.50         | 8.91         | 9.40         | 6.50         | 5.60         | 6.50         | 4.40         | 6.75         | 1.50         | 5.375          | 5.25         | 5.50         | 0.50         |
| 01/96                | 4.75         | 4.25         | 6.25<br>6.25 | 6.00<br>6.00 | 9.50<br>9.00 | 8.45<br>8.05 | 8.40<br>8.30 | 6.25<br>6.25 | 5.60<br>5.60 | 6.50<br>6.50 | 4.40<br>4.40 | 6.75<br>6.75 | 1.50<br>1.50 | 3.875<br>3.500 | 5.00<br>5.00 | 5.25<br>5.25 | 0.50<br>0.50 |
| 02/96<br>03/96       | 4.50<br>4.50 | 4.25<br>3.75 | 6.25<br>5.75 | 6.00         | 9.00<br>8.25 | 8.05<br>7.40 | 8.30<br>7.90 | 6.00         | 5.60         | 6.50<br>6.50 | 4.40         | 6.50         | 1.50         | 4.125          | 5.00         | 5.25<br>5.25 | 0.50         |
| 04/96                | 4.50         | 3.75         | 5.75         | 5.50         | 8.25         | 6.90         | 7.75         | 6.00         | 5.60         | 6.50         | 4.40         | 6.50         | 1.50         | 3.750          | 5.00         | 5.25         | 0.50         |
| 05/96                | 4.50         | 3.75         | 5.75         | 5.50         | 7.50         | 6.50         | 7.75         | 6.00         | 5.60         | 6.50         | 4.40         | 6.50         | 1.50         | 4.875          | 5.00         | 5.25         | 0.50         |
| 06/96                | 4.50         | 3.60         | 5.60         | 5.50         | 6.75         | 6.10         | 7.25         | 5.75         | 5.60         | 6.50         | 4.40         | 6.50         | 1.50         | 5.125          | 5.00         | 5.25         | 0.50         |
| 07/96                | 4.50         | 3.50         | 5.50         | 4.50         | 6.75         | 5.55         | 7.25         | 5.75         | 5.60         | 6.50         | 4.40         | 6.50         | 1.50         | 4.625          | 5.00         | 5.25         | 0.50         |
| 08/96                | 4.50         | 3.25         | 5.25         | 4.50         | 6.25         | 5.25         | 7.25         | 5.75         | 5.60         | 6.50         | 4.40         | 6.50         | 1.50         | 4.000          | 5.00         | 5.25         | 0.50         |
| 09/96                | 4.00         | 3.10         | 5.10         | 4.50         | 6.25         | 5.05         | 6.95         | 5.75         | 5.60         | 6.90         | 5.70         | 6.50         | 1.00         | 3.500          | 5.00         | 5.25         | 0.50         |
| 10/96                | 4.00         | 3.00         | 5.00         | 3.50         | 5.75         | 4.60         | 6.05         | 6.00         | 6.00         | 6.90         | 5.70         | 6.50         | 1.00         | 3.750          | 5.00         | 5.25         | 0.50         |
| 11/96                | 4.00         | 3.00         | 5.00         | 3.50         | 5.75         | 4.35         | 6.05         | 6.00         | 6.00         | 6.90         | 5.70         | 6.00         | 1.00         | 4.000          | 5.00         | 5.25         | 0.50         |
|                      |              |              |              | ·····        |              |              | REC          |              |              | HANGE        | S            | <u> </u>     | r            |                |              |              |              |
| 01.10.96<br>02.10.96 |              |              |              | 3.50         |              |              |              |              | 6.00         |              |              |              |              | 3.375          |              |              |              |
| 02.10.96             |              |              |              | 3.50         |              |              |              |              |              |              |              |              |              | 3.500          |              |              |              |
| 04.10.96             |              |              |              |              |              |              |              |              |              |              |              |              |              | 0.000          |              |              |              |
| 07.10.96             |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 08.10.96             |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 09.10.96             |              | 3.00         | 5.00         |              |              | 4.95         |              |              |              |              |              |              |              |                |              |              |              |
| 10.10.96             |              |              |              |              |              |              | 6.05         |              |              |              |              |              |              |                |              |              |              |
| 11.10.96<br>14.10.96 |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 15.10.96             |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 16.10.96             |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 17.10.96             |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 18.10.96             |              |              |              |              |              |              |              |              |              |              |              |              |              | 3.625          |              |              |              |
| 21.10.96             |              |              |              |              |              |              |              |              |              |              |              |              |              | -              |              | Ì            |              |
| 22.10.96             |              |              |              |              |              | 4.05         |              |              |              |              |              |              |              | 3.500          |              |              |              |
| 23.10.96<br>24.10.96 |              |              | i            |              |              | 4.85         |              |              |              |              |              |              |              |                |              |              |              |
| 25.10.96             |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 28.10.96             | l            |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 29.10.96             |              |              |              |              |              |              |              |              |              |              |              |              |              | 3.625          |              |              |              |
| 30.10.96             |              |              |              |              | 5.75         | 4.60         |              | 6.00         |              |              |              |              |              | 3.750          |              |              |              |
| 31.10.96             |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 01.11.96             |              |              |              |              |              |              |              |              |              |              |              |              |              | 3.625          |              |              |              |
| 04.11.96<br>05.11.96 |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 06.11.96             |              |              |              |              |              |              |              |              |              |              |              | 6.00         |              | 3.750          |              |              |              |
| 07.11.96             |              |              |              |              |              |              |              |              |              |              |              |              |              | 000            |              |              |              |
| 08.11.96             |              |              |              |              |              |              |              |              |              |              |              |              |              | 3.625          |              |              |              |
| 11.11.96             |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 12.11.96             |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 13.11.96             |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 14.11.96<br>15.11.96 |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 18.11.96             |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 19.11.96             |              |              |              |              |              |              |              |              |              |              |              |              |              | 3.750          |              |              |              |
| 20.11.96             |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 21.11.96             |              |              |              |              |              |              |              |              |              |              |              |              |              | 3.625          |              |              |              |
| 22.11.96             |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 25.11.96             |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |
| 26.11.96<br>27.11.96 |              |              |              |              |              | 4.35         |              |              |              |              |              |              |              | 3.875          |              |              |              |
| 28.11.96             |              |              |              |              |              | 4.00         |              |              |              |              |              |              |              | 4.125          |              |              |              |
| 29.11.96             |              |              |              |              |              |              |              |              |              |              |              |              |              | 4.000          |              |              |              |
|                      |              |              |              |              |              |              |              |              |              |              |              |              |              |                |              |              |              |

TABLE X CENTRAL BANK INTEREST RATES

Please see explanatory notes at the end of the publication for the key to the various rates. Data series with the same abbreviation are not necessarily internationally comparable.



# EVOLUTION OF CENTRAL BANK INTEREST RATES OVER THE LAST 12 MONTHS



# EVOLUTION OF CENTRAL BANK INTEREST RATES OVER THE LAST 12 MONTHS

20

# **EXPLANATORY NOTES**

### Exchange rate grid (Table I)

The intervention limit rates fixed in the official grid do not always correspond exactly to + or - 15 % of the central rates, since for each currency pair (whose exchange rates are inversely proportional to one another) the lower limit of one corresponds to the upper limit of the other.

# Bilateral fluctuations of the ERM currency (Graph 1 on page 5)

The daily market exchange rates of all currencies are compared with the relevant bilateral central rates and the differentials between the two calculated.

The graph is divided symmetrically by a horizontal axis along which the points would be plotted if all currencies were at their bilateral central rate and there were therefore no fluctuations.

The curves are drawn by linking the daily points showing the relative positions of each currency. These should be compared in pairs. To find the differential between two currencies, subtract the (positive or negative) values along the y-axis corresponding to each currency.

The graph is drawn with the curve of the stronger currency above that of the weaker. It shows therefore the relative position of each currency vis-à-vis the other currencies.

When two curves intersect or merge over a period of time there is no differential between the two currencies and their market exchange rate equals their bilateral central rate.

The maximum fluctuation recorded between two currencies is shown within the band, symmetrical with the horizontal axis. The fluctuations of the other currencies in relation to either of the two currencies in question are shown within the maximum fluctuation.

## The divergence indicator (Graph 2 on page 5)

The divergence indicator (DI) measures the degree of movement of a specific EMS currency against its maximum divergence spread. In effect, the DI is a mechanism which detects the EMS currencies that deviate upwards or downwards from the Community average as represented by the ECU.

For a given currency the divergence indicator is obtained:

- (i) first by calculating the appreciation or depreciation of the market rate of the ECU in terms of that currency against its ECU-related central rate;
- (ii) and then by comparing the result obtained with the maximum divergence spread (MDS), which is the intervention limit, corrected by the weight of each currency in the basket in such a way that an increase in the weight of a currency reduces its maximum divergence spread.

In order to permit a comparison of movements in the divergence indicators for each of the EMS currencies, the MDS is expressed as an index number ranging between +/-100. At an absolute index number of 75, a currency reaches its divergence threshold. When a currency crosses its "threshold of divergence", this results in a presumption that the authorities concerned will correct this situation by taking adequate measures.

## ECU exchange rates (Table II)

The exchange rates for the ECU against the national currencies of the member states of the Community, the USD and yen are shown as annual averages, monthly averages (for the current year), and daily rates (for the latest available month).

# Consumer price indices in national currency (Table III)

The consumer price indices in the national currency of each country measure changes in the purchasing power of one unit of national currency spent in the country concerned.

Two composite indices are calculated, covering all the member states of the Community (EUR 15) and the 10 member states with currencies participating in the European Monetary System exchange rate mechanism (ERM). (Although the peseta has been participating in the exchange rate mechanism since 19/06/89 and has been included in the calculation of the ECU since 21/09/89, it is only taken into account in the indices relating to the ERM which are included in this bulletin for data after 30/09/89.)

These indices are calculated as weighted arithmetic means (chain indices) of the national indices, the weighting for each member state being its relative share in the final consumption of households of the group of countries in question (EUR 15, ERM), expressed in purchasing power standards, at current prices and purchasing power parities.

### Consumer price indices in ECUs (Table IV)

For each country the index of consumer prices in ECUs is calculated by multiplying the national consumer price index by the average movement of the national currency in relation to the ECU during the month. It measures the change in the purchasing power of one ECU in the country concerned.

Three composite indices are calculated, the first covering all the member states of the Community (EUR 15), the second covering 10 member states participating in the European Monetary System exchange rate mechanism (ERM), and the third covering the 12 member countries whose currencies go to make up the ECU. (Although the peseta has been participating in the exchange rate mechanism since 19/06/89 and has been included in the calculation of the ECU since 21/09/89, it is only taken into account in the indices relating to the ERM which are included in this bulletin for data after 30/09/89).

These three indices are calculated as weighted arithmetic means (chain indices). The weightings are defined as follows: for the EUR 15 and ERM indices, the relative share of each member state in the final consumption of households for the group of countries in question (EUR 15 or ERM), expressed in ECUs at current prices and exchange rates (annual weighting). For the ECU index, the relative share of each member state's currency in the calculation of the ECU (monthly weighting).

## ECU bond issues (Tables V & VI)

In table V, issues are recorded as at the payment date. This bulletin covers ECU issues in the Eurobond market, which includes international and foreign issues and domestic issues which can be assimilated with Eurobond issues. More specifically, the domestic issues should be free of withholding tax in the hands of non-residents and subject to similar clearing and settlement procedures. This includes ECU issues offering the option of conversion into other currencies. Main source: International Financing Review.

Table V shows, under the headings:

- Business sector and Governments: national issuers, both private and public.
- Institutions: the European Investment Bank and the Commission of the European Communities (EEC, ECSC, Euratom).
- Organizations: the specialist institutions of the United Nations, the World Bank, the Council of Europe, etc....

Table VI shows detailed information on the latest known issues, irrespective of the payment date.

# Outstanding amount of ECU bonds (Table VII)

This table shows the bonds in ECUs outstanding at the end of the last three months and at the end of the last three years. These statistics are taken from a particularly comprehensive database and measure the volume of ECU bonds in circulation. The overall figure is broken down in two ways - by residual maturity and by type of issuer.

# Total of the secondary market turnover and % of market taken by ECU securities (Table VIII)

This table shows the volume of transactions on securities conducted by the international clearing houses Cedel and Euroclear. The market shares of the various types of instrument are calculated. These statistics do not cover all transactions throughout the world, since internal movements are not included. They do, however, give a realistic idea of market developments.

# Interest rates and yields on ECU investments (Table IX)

The interest rates for 1, 3, 6 and 12 months deposits are calculated on the basis of the London market rates LIBID as follows:

- until October 1993: source: Financial Times, Friday rate.
- from November 1993: source : Bank of England, British Banker's Association, daily rates.

The yields of ECU bonds at 1 - 10 years are those provided by Eurostat's yield curve. These are redemption yields. Eurostat's yield curve, which portrays the interest rate structure of maturities ranging from 1 to 10 years, is based on highest quality issues with a triple-A rating of at least ECU 500 million outstanding, with a very high liquidity (bidoffer spread less than 50 basis points). The curve is calculated daily by fitting a third order polynomial function by regression to the price/yield values of bonds provided by ISMA (International Securities Market Association, London). These values reflect the mean of bid and offer prices communicated by a comprehensive range of financial institutions. The monthly figures included in the table are the arithmetic average of daily figures and the yearly figures are the arithmetic average of daily figures.

# **Operation rates of the EMI (Table IX)**

The interest rate for transactions of the EMI (European Monetary Institute) in ECUs is the weighted average of the most representative rates on the domestic money market of the countries whose currencies make up the ECU basket. It is based on the weighting of the currencies in the ECU basket as derived from the ECU central rates in force. The rate thus calculated for a given month applies to EMI transactions for the following month. In table VII, this rate relates to the month upon which the calculations are based and not to the (following) month during which it is used by the EMI.

## ECU yield curve

These graphs show the trend in yields on ECU bonds. Graph 3 shows the ECU yield for bonds due at the end of the last month, at the end of the preceding month and one year previously. Graph 4 shows the development in yields for maturities of 2 and 10 years over the last 12 months. The difference between these two curves reflects the gradient of the rates curve.

# Central Bank Interest Rates in the EEA countries, in the US, Japan and Switzerland (Table X)

## BELGIUM

## Official intervention rates:

**Discount rate (DR)**: rate at which credit institutions can discount commercial paper at the BNB within the ceilings fixed individually according to balance sheet items.

**1-week credit granted by tender (AUCT):** rate at which the BNB grants cash by tender to credit institutions. The duration of these loans is generally 1 week but can be longer under particular circumstances.

Advances to meet daily deficits (AR): rate at which credit institutions receive money from the BNB within quotas which vary between credit institutions according to balance sheet items and to turnover in the secondary market for government debt-securities.

**Central Bank rate (CR):** rate at which Primary dealers<sup>1</sup> receive overnight money, up to a fixed maximum which is the same for each Primary dealer, from the BNB. This rate will be the next rate applied to the 1-week credit granted by tender.

## DENMARK

### Intervention rates:

**Discount rate (DR):** indicative rate which is not attached to any facility with the Danmarks Nationalbank. Within quotas based on the size of the individual bank, deposits on banks' current account with the Danmarks Nationalbank are remunerated by the folio rate. This rate has been equal to the discount rate since the introduction of the present liquidity instruments in April 1992.

**Certificates of deposit (CD)**: rate on 14-day certificates of deposit issued on the last banking day of each week by the Nationalbank.

**Repurchase agreements (REPO):** rate at which the banks have access to enter into 14-day repurchase agreements in government paper with the Nationalbank. These transactions take place on the penultimate banking day of each week, affecting bank liquidity the following day. The interest rate on repos has equalled the rate on CDs since April 1992.

# GERMANY

## Intervention rates:

**Discount rate (DR):** rate at which the Bundesbank discounts eligible trade bills within the limits of the rediscount quotas.

Lombard rate (LR): rate at which the Bundesbank grants loans to banks against certain securities. These loans have

a maturity of up to 90 days and are granted against collateral of government and public sector securities.

**Rate on repurchase agreements (REPO)**: rate applied to the Bundesbank's repurchase facility. The Bundesbank buys bonds eligible as collateral for Lombard loans and short-term Treasury discount paper from those banks subject to minimum reserve requirements. These transactions are usually offered by fixed-rate tender or by variable-rate tender for a period of 14, 28 or 35 days.

## Other rate:

**3-day Treasury bills (3D TB):** rate on bills that can be bought or sold by a specific list of banks. This establishes a floor for the cost of short-term money in addition to the fixed amount provided by the discount window.

## GREECE

## Intervention rates:

**Rediscount rate (DR):** rate at which the Bank of Greece rediscounts commercial bills. This facility is subject to overall quotas which are allocated among credit institutions according to criteria relating to the size of certain balance sheet items.

**Lombard rate (LR):** rate at which the Bank of Greece grants liquidity to banks against collateral of government paper. As for the discount window, this facility is subject to overall quotas which are allocated among credit institutions according to criteria relating to the size of certain balance sheet items.

Rate on overdrafts on banks' current accounts with the Bank of Greece (OR): rate at which credit institutions can cover unexpected liquidity shortages by overdrawing their current accounts with the Bank of Greece.

## SPAIN

#### Intervention rates:

**Short-term credit to banks (REPO)**: marginal auction rate of 10-day repo purchases of Banco de España certificates. The Bank of Spain purchases the certificates (with a resale agreement at the maturity of the operation) from banks and savings banks according to the requirements accepted in the auction.

Rate on overnight loans granted by the Banco de España (AR): this rate is considered as being an unofficial intervention rate, but is often used by the Banco de España as an instrument of its monetary policy. It is the rate at which the Banco de España intervenes in the money market. Market makers are asked to made bids in terms of amounts and rates, and the Bank of Spain decides at which point operations should be closed.

The rate published here is the average weighted rate resulting from the intervention.

Primary dealers are market makers for government linear bonds (OLO) and Treasury certificates.

### FRANCE

#### Intervention rates:

Auction (AUCT): twice a week, the Central Bank invites tenders (against collateral) in order to assess credit institutions' demand for Central Bank money. After a centralisation of the requests, the Central Bank will only allocate a proportion of them. The rate is, in practice, known in advance and is intended as a floor for money market rates.

Sales with repurchase agreements (REPO): rate at which banks get liquidity from the Central Bank against Treasury bills or commercial paper. This emergency facility carries a penality rate that is designed as a ceiling for market rates.

### IRELAND

## Intervention rate:

**Short-term facility rate (STF)**: rate at which the Central Bank grants short-term credits to banks for a period of between 1 day and 1 week.

### ITALY

#### Intervention rates:

**Discount rate (DR)**: rate at which the Banca d'Italia discounts commercial bills.

**Fixed-maturity advances rate (LR)**: rate charged by the Banca d'Italia for advances with a maximum maturity of 32 days against eligible securities for special short-term needs.

# Other rate:

**Repurchase agreements (Repo) and Reverse Repurchase Agreements (R-Repo):** marginal auction rate. The Bank of Italy intervenes when it perceives the need to add or drain liquidity. The choice between repos (Repo) and reverse repos (R-Repo) depends on the structural (debitor or creditor) position of the banking system vis-à-vis the central bank. Foreign currency repos are also conducted, in addition to the securities repos.

### NETHERLANDS

#### Intervention rates:

**Discount rate (DR):** rate at which the Central Bank discounts Treasury paper and approved bills of exchange with a remaining maturity not exceeding 3 months. From 1 January 1994, the Central Bank no longer accepts paper for discounting and thus this rate no longer exists. Data until 12/93 are available on request from Eurostat.

**Rate on special advances (SPR)**: rate charged by the Central Bank to financial institutions for short-term advances.

**Official advance rate (AR):** rate at which advances on current account against collateral are mainly granted, within a certain limit, to registered credit institutions and a number of public and semi-public financial institutions. This rate establishes a floor for money market rates.

**Rate on discount of promissory notes (PRNT):** rate serving as a benchmark for commercial rates. From 1 January 1994, the discount rate on promissory notes is maintained as an interest rate, given its use as a reference rate for legal purposes, but it will no longer be published. It is equal to the prevailing rate on advances plus 0.5 percentage points. Data until 12/93 are available on request from Eurostat.

# AUSTRIA

#### Intervention rates

**Discount rate (DR)**: rate at which the Central Bank rediscounts bills of exchange. To qualify for discounting, the paper presented must fulfil certain eligibility requirements. Refinancing ceilings for individual banks are determined on the basis of specified balance sheet items.

**Lombard rate (LR)**: rate at which the Central Bank grants loans to banks against collateral. Since this rate is a penalty rate, it is higher than both the discount and the Gomex rate.

**Gomex rate (REPO):** rate applied to the Central Bank open market operations. Within each bank's refinancing quota, the Central Bank conducts open market transactions in fixed income securities issued by residents or supranational organisations, denominated in Austrian shillings and listed on the Vienna stock exchange or in cash certificates issued by the central bank.

## PORTUGAL

### Intervention rates:

**Regular rate for liquidity provision (PR R):** rate at which the Banco de Portugal supplies liquidity to the money market. The regular operations take place on the first working day of each regular maintenance period (1 week) and mature in the first working day of the subsequent period. When the regular rate for liquidity provision is suspended, the Banco de Portugal can also conduct operations at a variable rate, which take place on the first working day of the regular maintenance period. These data are not given here but are available from Eurostat.

**Standing facility rate (SFR):** the standing facility refers to liquidity provision operations which mature on the next working day following the day on which transaction takes place, and which take place at the pre-announced rate. The institutions' access to this facility is limited by way of a quota, established on the beginning of each month as a percentage of the total amount of the facility (currently 100 billions of escudos).

**Regular liquidity draining rate (DR R)**: rate at which the Banco de Portugal withdraws liquidity from the money market by selling Treasury bills with repurchase agreement or Central Banks monetary certificates. The regular operations take place on the first working day of each regular maintenance period (1 week) and mature in the first working day of the subsequent period.

## Other rates:

**Occasional operations of liquidity draining** (**DR O**): the Banco de Portugal also conducts occasional operations of liquidity draining with a view to stabilising the money market.

**Occasional operations of liquidity provision** (**PR O**): the Banco de Portugal also conducts occasional operations of liquidity provision with a view to stabilising the money market.

## FINLAND

**Base rate (BR):** the base rate is an administered interest rate set by the Parliamentary Supervisory Board. Its importance has diminished along with the developments of markets in Finland. Nonetheless, it is still of importance since a fairly large proportion of deposits and outstanding loans are tied to it, and these rates are adjusted whenever there is a change in the base rate.

**Tender rate (TR)**: rate determined by tenders held by the Central Bank in which banks are asked to make bids or offers for money market instruments with a maturity of 1 month. The tender rate is a weighted average of accepted bids or offers.

### Other rates:

**Liquidity credit rate (AR):** rate charged to banks by the Bank of Finland for loans with a maturity of 1 day, 7 days, 14 days, 21 days and 28 days. The rate is the sum of the tender rate and the interest rate margin for credit liquidity. The liquidity credit has replaced the overnight facility.

### SWEDEN

#### Intervention rates:

Lending rate (AR): rate at which the Riksbank supplies cash to banks. Each bank has a borrowing facility equivalent to 4% of its capital base; terms for any borrowing in excess of this amount are determined at the discretion of the Riksbank.

#### Other rates:

**Repo rate (Repo):** rate applied to the Riksbank's operations on repurchase agreement. These transactions are usually offered on Tuesdays for a period of 14 days. The repo rate fluctuates in a band between the lending and the deposit rates.

**Discount rate (DR):** from the second quarter of 1992, the discount rate should be regarded solely as a reference rate. It is determined at the beginning of each quarter solely on the basis of interest rates in the preceding quarter. It is computed as a weighted average of the daily market rates for 6-month Treasury discount notes and 5-year government bonds in the preceding quarter less two and a half percentage points, rounded to the nearest whole or half point.

**Rate for industrial bonds (IBR)**: this is an administratively determined interest rate. It is the rate at which industrial bonds with an interest period of 2.5 years are adjusted.

The structure of Swedish central bank rates was changed from 1.6.94. Data on the marginal rate for the period 9.92 to 5.94 are available from Eurostat.

## UNITED KINGDOM

Until 1981, the Bank of England used an official continuously posted rate to signal its interest rate intentions. This was called the Minimum Lending Rate and was the rate at which the Bank of England lent to the discount houses. Since then its intentions have been signalled on most days by the rate at which it purchases bills in bands 1 and 2 (ie up to one month in maturity); otherwise it has tended to announce interest rate changes by posting a Minimum Lending Rate, applying now for one day only.

These operations are used by the Bank of England to signal changes in the key rate in the UK financial market, the commercial banks' **base rate (BR)**. This is a good indicator of the broad level of short-term interest rates.

## ICELAND

**Discount rate (DR)**: Rate on loans within quota. Banks are able to obtain short-term credits within this quota.

**Repurchase agreements (Repo) rates:** rates on 10 day repos, when the Central Bank purchases Treasury bills with a repurchase condition.

**Certificates of deposit (CD) rate:** a fixed rate on 45 day CDs issued by the Central Bank.

### NORWAY

# Intervention rate:

**Overnight lending rate (AR):** rate at which commercial and saving banks can borrow from the Norges Bank on a day to day basis. The ceiling on loans available for each half-month is set in percent of the banks' capital base, excluding subordinated loan capital.

#### SWITZERLAND

**Lombard rate (LR)**: rate at which the Central Bank grants loans to banks against collateral. This rate is a penalty rate against banks which have underestimated their liquidity needs. It is calculated on the basis of the market rates of the two previous days plus 2 points.

**Discount rate (DR):** rate at which the Central Bank discounts bills of exchange, cheques, Treasury bills issued by the Confederation and bills issued by the Cantons and Communes. The maturity of discounted paper may not exceed 6 months.

## **UNITED STATES**

**Discount rate (DR)**: rate at which the Federal Reserve Banks discount eligible paper for, and make advances to, depository institutions.

**Fed Funds rate (FED):** Rate of interest charged on federal funds loaned by and to commercial banks. Owing to the large scale of fed funds borrowings, the rate is regarded by the Federal Reserve as an important determinant of bank liquidity, and is considered as a key rate for implementing monetary policy.

# JAPAN

**Discount rate (DR)**: rate at which the Bank of Japan discounts commercial bills.

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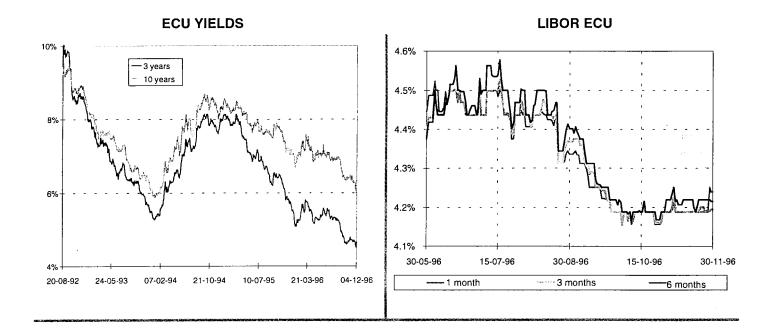
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#### **Central Bank interest rates**

The central banks of France, Sweden and Norway were the only ones to lower their intervention rates during November. The Bank of France, for instance, reduced its rate on tenders by 5 bp to 3.20%. The rate had last been lowered in September. The repo rate remains unchanged since 1 August 1996 at 4.75%.

The Bank of Sweden cut its repo rate for the 24th time since the start of the year. It has now fallen by over 400 bp to 4.35% after standing at 8.91% at the beginning of the year.

Finally, the Norwegian central bank cut its broker loan rate for the first time since March. It is now at 6%. Inflation is still under control in Norway, with an annual rise in consumer prices of 1.3% as against 2.3% one year previously. In the other countries, intervention rates have been kept at levels similar to those in force at the end of October. The Bundesbank Central Council has not changed its intervention rates, namely 2.50% for the discount rate and 4.50% for the Lombard rate, since 19 April last. The repo rate, unofficially considered as the third intervention rate, has been fixed at 3% since August. Money supply M3 rose by an annualised 8.4% in October over the average for the final quarter of 1995. The Bundesbank's objective for 1996 as a whole is a seasonally-adjusted rise in M3 of between 4% and 7% compared with the average for the last quarter of 1995.

(5 December 1996)

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