

## ECU-EMS information & Central bank interest rates

3 □ 1995 Monthly

### Ecu bond market: nearly ECU 6 billion issued in two months

The high level of trading in the primary ecu bond market in January was maintained in February, when six issues were launched with a total value of ECU 2 400 million. This brings the total value of issues since the beginning of the year to ECU 5 837 million, compared with ECU 17 185 for the whole of 1994. The main features of borrowing operations by the Member States were as follows: Austria tapped the ecu market (for ECU 400 million) for the first time since joining the European Union. Its previous ecu borrowing was in October 1989. France issued a fixed-rate, annual-interest treasury bond (BTAN) via a syndicate of banks. This BTAN represents benchmark at the 2 year maturity. The Bank of Italy did not issue any ecu-denominated treasury bills, preferring instead to arrange a loan of ECU 5 billion from a syndicate of banks. Activities on the primary market were again concentrated at the short end: only one issue had a maturity of more than seven years, whilst four bonds had one of three years or less.

### EMS and Exchange Rate Mechanism: some clarifications

Concerning the currencies which participate in the ecu basket and in the exchange rate mechanism, it should be remembered that Article 109g of the Treaty on European Union, which came into force on 1 November 1993, states that the composition of the ecu shall be irrevocably fixed, and that the currency composition of the ecu basket as defined on 21 September 1989 (see page 10) shall not be changed until the ecu becomes, in the words of Article 109l of the Treaty on European Union, a "currency in its own right". Article 109l goes on to state: "This measure shall by itself not modify the external value of the ecu." All the currencies of the former "Twelve" are components of the ecu, but not those of the three new Member States.

The 15 currencies of the Member States are part of the European Monetary System, although five of them are not in the Exchange Rate Mechanism (ERM). These are the Greek drachma, which was never in the ERM, the Italian lira and the pound sterling, which suspended their participation on 17 September 1992, the Finnish markka and the Swedish krona. The Austrian schilling joined the ERM on 9 January 1995.

A currency's membership of the Exchange Rate Mechanism does not depend on its being a component currency in the ecu basket, since the relative values of the currencies are calculated on a bilateral basis (see page 4), as are central rates and intervention points (see Table VI). The divergence indicator is calculated in relation to the central rate of the ecu, adjusted to take account of the national currency's weighting in the ecu. Obviously, the Austrian schilling has a zero weighting.

### Peseta and escudo realigned

A realignment of central rates within the EMS Exchange Rate Mechanism was agreed on on 6 March 1995. The Spanish peseta was devalued by 7%; its central rate against the ecu is now 162.493. The Portuguese escudo was devalued by 3.5%, bringing its central rate against the ecu to 195.792. The new parity grid (central rates against the ecu and bilateral central rates) in force as from 6 March is set out on page 10 of this publication.

### Central bank interest rates

- On 1.2.95, the United States Federal Reserve announced an increase in its discount rate from 4.75% to 5.25% together with a similar increase in its target for the level of the rate on Fed Funds which now stands at 6%.
- On 2.2.95, the Bank of England signalled an increase of 0.5% to 6.75% in bank base rates.
- On 7.2.95, the Central Bank of Iceland increased its repo rate by 0.4% to 6.7%
- The Swedish Riksbank increased twice its repo rate: by 0.2% to 7.80% on 14.02.95 and by 0.03% to 7.83% on 22.02.95.
- On 22.2.95, the Banca d'Italia increased its discount rate by 0.75% from 7.5% to 8.25%.



OFICINA ESTADÍSTICA DE LAS COMUNIDADES EUROPEAS  
DE EUROPÆISKE FÆLLESSKABERS STATISTISKE KONTOR  
STATISTISCHES AMT DER EUROPÄISCHEN GEMEINSCHAFTEN  
ΣΤΑΤΙΣΤΙΚΗ ΥΠΗΡΕΣΙΑ ΤΩΝ ΕΥΡΩΠΑΪΚΩΝ ΚΟΙΝΟΤΗΤΩΝ  
STATISTICAL OFFICE OF THE EUROPEAN COMMUNITIES  
OFFICE STATISTIQUE DES COMMUNAUTÉS EUROPÉENNES  
ISTITUTO STATISTICO DELLE COMUNITÀ EUROPEE  
BUREAU VOOR DE STATISTIEK DER EUROPESE GEMEENSCHAPPEN  
SERVIÇO DE ESTATÍSTICA DAS COMUNIDADES EUROPEIAS

L-2920 Luxembourg — Tél. 43 01-1 — Télex COMEUR LU 3423  
B-1049 Bruxelles, rue de la Loi 200 — Tél. 299 11 11

**Note**

**For any information on the statistics in this bulletin contact Luxembourg:**

<b>TEL:</b>	<b>+352</b>	<b>4301- 34674</b>	<b>F. GARCIA-VALERO</b>
		<b>346991-334 or 341</b>	<b>T. OGDEN / O. DELOBBE (Central Bank Interest Rates)</b>
<b>FAX:</b>	<b>+352</b>	<b>4301- 32929</b>	

**EUROSTAT**  
**Monetary and Financial Statistics**  
**Jean Monnet Building**  
**APC C4/04**  
**L-2920 Luxembourg**

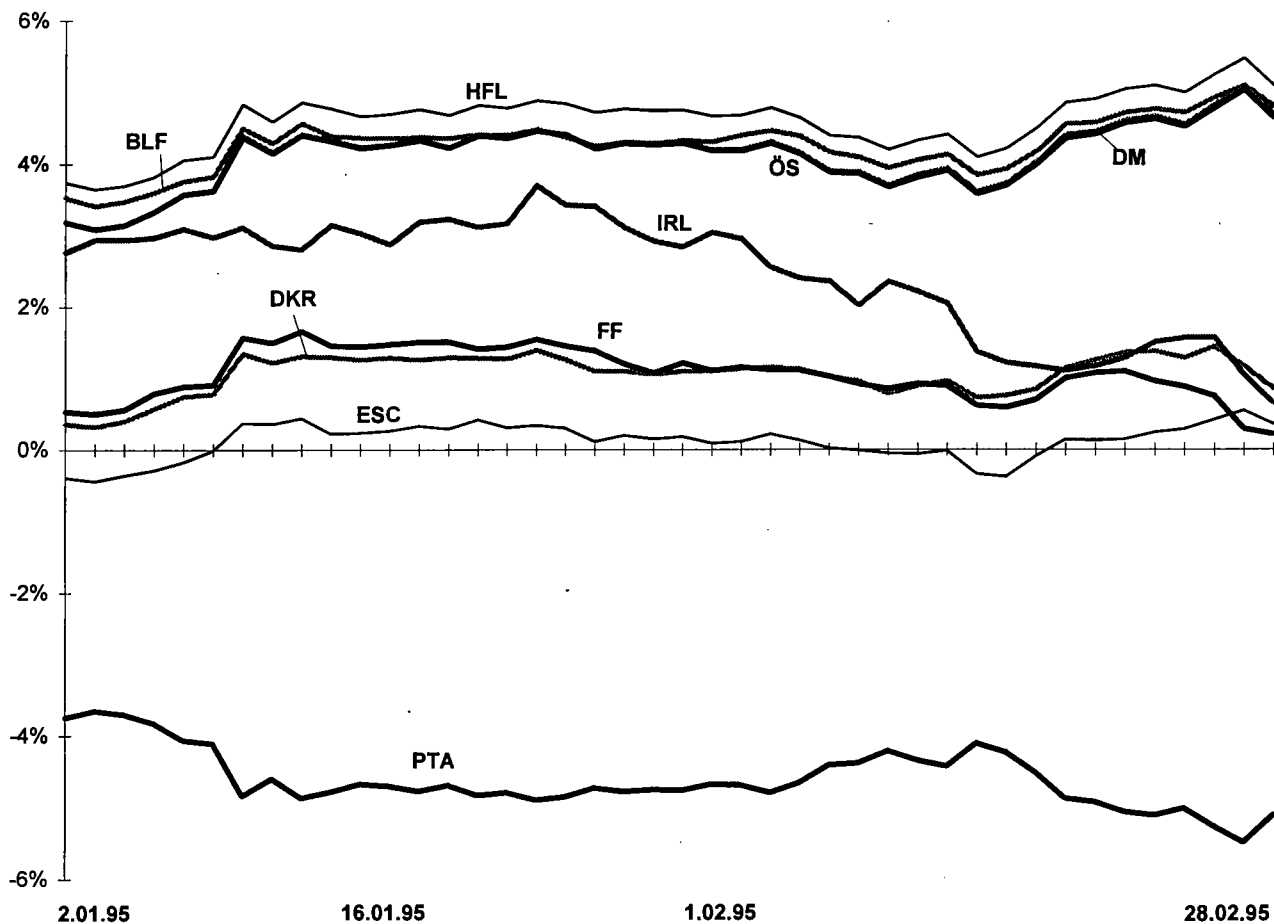
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**BILATERAL FLUCTUATIONS OF THE ERM CURRENCIES**



**FLUCTUATIONS OF OTHER CURRENCIES**

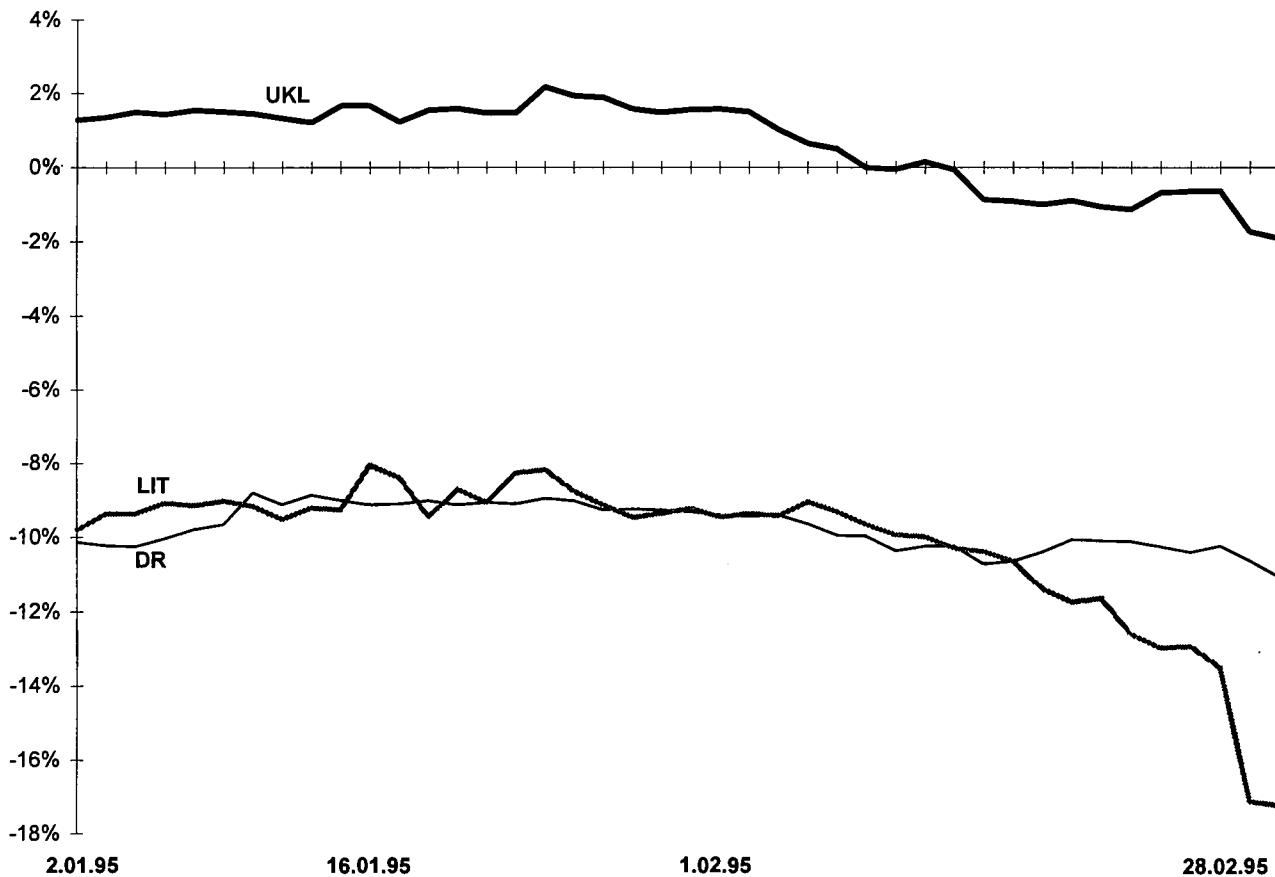


TABLE I

## ECU BOND ISSUES (Mio ECU) \*

eurostat	TOTAL EURO	European Union				Non-European Union				Domestic**	EURO + DOMESTIC
		Total	Business sector	Governments	Institutions	Total	Business sector	Governments	Organisations		
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
1993 I	1 980	1 480	300	0	1 180	500	0	500	0	3 210	5 190
II	1 130	630	130	250	250	500	0	500	0	500	1 630
III	1 070	770	720	0	50	300	200	100	0	2 298	3 368
IV	2 690	2 140	415	0	1 725	550	50	500	0	500	3 190
1994 I	2 410	2 285	910	1 150	225	125	125	0	0	2 498	4 908
II	1 815	1 215	415	0	800	600	200	400	0	2 559	4 374
III	945	595	150	150	295	350	350	0	0	1 221	2 166
IV	1 315	915	350	0	565	400	400	0	0	1 033	2 348
1994 12	515	515	250	0	265	0	0	0	0	0	515
1995 01	150	0	0	0	0	150	150	0	0	1 518	1 668
02	775	675	275	0	400	100	100	0	0	0	775

(\*) Recording based on the payment date

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

TABLE II


## LAST MONTH'S ECU BOND ISSUES

Issue Payment Date	Borrower & country	Amount Issued (Mio Ecu)	Issue Price	Coupon	Term (years)	Maturity	Yield %	Lead Manager	Listing	Notice
01.02.1995 03.03.1995	Eurofima (EO)	50	101.484	8.125	4+9m	20.12.1999	7.73	BZW	LN	FG
14.02.1995 21.03.1995	Denmark (DK)	400	100.849	6.750	1	21.03.1996	5.85	CCF	LU	
14.02.1995 02.03.1995	GECC (US)	50	101.645	8.000	3+9m	17.11.1998	7.46	UBS	LU	FG
20.02.1995 20.03.1995	Austria (AU)	400	101.305	7.750	3.0	20.03.1998	7.25	Paribas	LU	
23.02.1995 22.03.1995	Council of Europe (EO)	200	100.966	6.875	1	22.03.1996	5.85	BZW	LU	
23.02.1995 16.03.1995	France BTAN (FR)	1200	99.750	7.500	2	16.03.1997	7.64	Paribas JPMorgan	PA	


**TABLE III**

**CONSUMER PRICE INDICES IN NATIONAL CURRENCY**

1985=100

	B	DK	D	ELL	E	F	IRL	I	L	NL	P	UK	EUR 12	ERM
1980	71.2	68.3	82.6	39.1	56.2	63.3	56.1	52.5	70.3	81.8	35.2	70.7	65.3	66.7
1989	107.3	118.1	104.2	184.9	128.2	112.7	113.9	123.7	105.1	101.7	150.8	121.8	116.4	111.9
1990	111.0	121.2	107.0	222.6	136.8	116.5	117.6	131.8	109.0	104.2	170.9	133.3	122.9	116.9
1991	114.6	124.1	110.7	266.0	145.0	120.2	121.3	140.0	112.4	108.3	189.6	141.1	129.1	122.4
1992	117.4	126.7	115.1	308.1	153.5	123.0	125.1	147.3	115.9	111.7	206.7	146.4	134.5	127.2
1993	120.6	128.3	119.9	352.6	160.6	125.6	126.9	153.8	120.1	114.6	220.0	148.7	139.1	131.6
1994	123.5	130.9	123.5	391.1	168.1	127.8	129.8	160.0p	122.7	117.8	231.5	152.4	143.4p	134.6p
1994 01	122.2	129.1	122.2	369.3	165.6	126.6	:	157.4	121.6	115.9	227.4	149.4	141.3	133.1
02	122.6	129.6	122.6	370.1	165.7	126.9	128.5	157.9	122.0	116.6	228.8	150.2	141.8	133.5
03	122.6	129.8	122.8	381.0	166.2	127.2	:	158.4	121.9	117.3	229.3	150.6	142.3	133.8
04	122.8	130.3	123.1	386.8	167.0	127.5	:	158.7	122.0	117.5	230.6	152.4	142.9	134.2
05	123.2	130.9	123.4	389.9	167.3	127.8	129.5	159.4	122.3	117.6	231.1	153.0	143.3	134.5
06	123.4	131.1	123.6	393.7	167.4	127.8	:	159.7	122.3	117.3	231.5	153.0	143.5	134.6
07	124.2	130.8	123.7	387.3	168.0	127.8	:	160.1	122.8	117.7	231.9	152.2	143.5	134.8
08	124.4	131.3	123.8	388.5	169.3	127.8	130.5	160.4	123.0	118.2	232.2	153.0	143.9	135.1
09	124.2	131.4	123.9	401.1	169.7	128.1	:	160.9	123.4	119.2	232.7	153.3	144.3	135.4
10	123.9	131.7	124.0	406.0	170.0	128.5	:	161.7	123.6	119.3	233.6	153.5	144.6	135.6
11	123.9	132.0	124.2	407.3	170.3	128.5	130.7	162.4	123.9	119.0	234.0	153.6	144.8	135.7p
12	124.0	132.0	124.4	411.9	171.1	128.3	:	163.0p	124.1	118.5	234.7	154.3	145.2p	135.8p

**Annual rate of increase (%)**

	B	DK	D	ELL	E	F	IRL	I	L	NL	P	UK	EUR 12	ERM
71-80	7.4	9.8	5.1	14.5	15.4	9.7	13.7	14.1	6.7	7.4	18.7	13.8	9.9	8.4
81-90	4.6	5.9	2.6	19.0	9.3	6.3	7.8	9.7	4.5	2.5	17.3	6.6	6.6	5.4
1989	3.1	4.8	2.8	13.8	6.8	3.7	4.1	6.2	3.3	1.1	12.6	7.8	5.1	4.0
1990	3.4	2.6	2.7	20.4	6.7	3.2	3.2	6.5	3.7	2.5	13.3	9.4	5.7	4.5
1991	3.2	2.4	3.5	18.9	6.0	3.2	3.1	6.4	3.1	3.9	10.9	5.9	5.0	4.7
1992	2.4	2.1	4.0	16.4	5.9	2.5	3.1	5.1	3.1	3.8	9.1	3.8	4.3	4.1
1993	2.8	1.3	4.1	14.5	4.6	2.1	1.4	4.5	3.6	2.1	6.5	1.6	3.4	3.3
1994	2.4	2.0	3.0	10.9	4.7	1.8	2.3	4.0p	2.2	2.8	5.2	2.5	3.1p	2.3p
1994 01	2.4	1.7	3.5	11.1	4.9	1.9	:	4.4	2.6	3.0	6.3	2.5	3.4	3.2
02	2.5	1.8	3.4	11.0	5.0	1.8	1.7	4.3	2.6	3.0	6.1	2.4	3.3	3.2
03	2.3	1.7	3.2	10.2	4.9	1.5	:	4.3	2.3	3.0	6.0	2.3	3.2	3.0
04	2.4	2.0	3.1	10.4	5.0	1.7	:	4.1	2.1	2.8	6.0	2.6	3.2	3.1
05	2.6	1.9	3.0	11.0	4.9	1.7	2.7	4.0	2.1	2.9	5.7	2.6	3.2	3.0
06	2.8	2.1	3.0	10.9	4.7	1.8	:	3.8	2.1	3.0	5.7	2.6	3.2	3.1
07	2.7	2.0	2.9	11.2	4.7	1.7	:	3.8	2.2	2.8	5.1	2.4	3.1	2.9
08	2.4	2.2	3.0	11.1	4.8	1.7	2.5	3.8	2.0	2.6	4.8	2.4	3.1	3.0
09	2.5	2.0	3.0	11.9	4.5	1.6	:	3.9	2.2	2.7	4.7	2.2	3.0	2.9
10	2.1	2.0	2.8	11.1	4.4	1.7	:	3.8	2.1	2.8	4.6	2.4	3.0	2.8
11	2.0	2.1	2.7	10.6	4.4	1.6	2.4	3.9	2.0	2.5	4.0	2.6	3.0	2.7
12	1.9	2.3	2.7	10.8	4.3	1.6	:	4.2p	2.0	2.6	4.0	2.9	3.1p	2.7p

p=provisional

TABLE IV

## CONSUMER PRICE INDICES IN ECU

1985=100

	B	DK	D	ELL	E	F	IRL	I	L	NL	P	UK	EUR 12	ERM	ECU
1980	78.7	70.0	72.9	68.6	72.7	73.1	58.5	63.8	77.7	74.4	65.8	69.7	70.9	71.3	71.7
1989	111.1	117.7	112.1	107.5	126.8	108.9	104.4	118.5	108.8	109.4	112.9	106.6	112.5	112.9	111.3
1990	117.5	123.7	116.1	114.9	136.4	114.5	109.3	125.2	115.4	113.2	122.6	110.0	117.8	119.0	117.0
1991	121.9	125.8	120.2	122.8	145.5	117.1	112.7	132.2	119.6	117.8	137.9	118.5	123.3	123.2	122.0
1992	126.7	130.1	126.9	129.8	149.6	122.1	117.4	133.8	125.2	124.2	153.8	117.2	127.2	126.9	126.7
1993	133.8	135.5	137.8	136.6	139.3	128.7	113.4	120.9	133.3	132.6	152.1	112.2	127.9	127.6	131.0
1994	139.8	139.1	142.8	141.3	136.4	131.8	117.0	121.0p	139.0	137.1	152.8	115.6	130.7p	130.6p	134.8p
1994 01	136.0	137.3	140.1	137.8	133.9	130.4	118.1	120.2	135.4	133.9	150.6	117.7	129.7	127.8	133.2
02	137.6	137.3	140.6	137.5	135.4	130.8	116.7	121.2	136.9	134.5	151.7	117.0	129.9	126.9	133.5
03	138.3	137.5	141.6	140.8	135.2	131.3	115.5	120.3	137.6	135.7	150.0	115.8	129.9	126.2	133.8
04	138.5	137.8	141.7	141.9	136.8	130.7	116.8	124.0	137.6	135.8	151.7	116.8	131.0	128.3	134.3
05	139.2	138.9	142.3	142.0	135.7	131.3	117.0	124.1	138.2	136.3	150.6	116.2	131.1	130.3	134.6
06	139.7	139.1	142.7	141.3	135.8	131.8	117.0	122.5	138.4	136.3	150.5	116.0	130.9	131.2	134.7
07	141.1	139.2	143.6	139.1	136.9	132.1	116.6	121.2	139.6	137.4	152.9	113.3	130.6	132.6	134.9
08	141.7	139.1	144.0	139.5	137.4	132.4	116.2	119.8	140.1	138.2	154.4	113.5	130.6	133.2	135.1
09	141.4	139.5	143.9	143.1	137.6	132.8	116.7	120.2	140.5	139.3	154.8	114.1	131.0	132.3	135.5
10	141.1	140.8	144.0	143.9	137.6	133.0	117.7	119.8	140.7	139.5	155.0	115.0	131.2	132.2	135.7
11	141.3	141.3	144.4	143.8	137.7	132.8	117.6	119.3	141.3	139.2	155.6	115.5	131.2	132.3	135.8
12	141.7	141.3	144.9	145.2	137.2	132.5	118.0	118.8p	141.8	139.1	155.6	116.4	131.3p	132.3p	135.9p

## Annual rate of increase (%)

	B	DK	D	ELL	E	F	IRL	I	L	NL	P	UK	EUR 12	ERM	ECU
71-80	9.9	9.8	9.4	7.4	11.8	9.3	8.6	7.2	9.2	10.7	9.2	10.3	9.3	9.0	9.2
81-90	4.1	5.9	4.8	5.5	6.6	4.6	6.6	7.0	4.1	4.3	6.6	4.9	5.2	5.3	5.0
1989	3.2	3.5	3.0	6.5	12.7	3.7	3.8	8.1	3.5	1.1	10.4	6.4	5.4	4.5	4.1
1990	5.8	5.1	3.6	6.9	7.6	5.1	4.7	5.7	6.0	3.5	8.4	3.3	4.7	5.5	4.6
1991	3.7	1.7	3.5	6.9	6.7	2.3	3.1	5.5	3.6	4.1	12.5	7.7	4.7	3.5	4.3
1992	4.0	3.4	5.6	5.7	2.8	4.2	4.2	1.3	4.7	5.4	11.5	-1.1	3.1	3.0	3.8
1993	5.6	4.2	8.6	5.2	-6.9	5.4	-3.4	-9.6	6.5	6.8	-1.1	-4.3	0.6	0.6	3.4
1994	4.5	2.6	3.6	3.5	-2.1	2.4	3.2	0.1p	4.3	3.4	0.4	3.0	2.2p	2.4p	2.9p
1994 01	2.3	1.9	4.4	4.2	-8.5	2.6	-3.1	-0.4	2.5	3.7	-4.6	8.5	2.6	1.4	3.3
02	2.6	0.3	3.4	3.3	-7.6	1.5	3.1	1.3	2.7	3.4	-4.2	11.4	3.0	0.8	3.1
03	2.8	0.2	3.7	2.9	-8.2	1.7	2.0	2.9	2.7	3.5	-4.3	7.8	2.6	0.8	2.9
04	3.1	0.7	3.8	3.3	-5.8	1.1	3.5	5.2	2.8	3.6	-3.0	5.4	2.8	1.1	3.0
05	3.7	1.3	4.3	3.0	-2.9	1.3	4.1	0.6	3.3	4.1	-2.2	4.1	2.3	2.0	2.9
06	4.1	1.2	4.5	1.8	-1.0	1.7	4.0	-2.1	3.4	4.6	-1.5	3.7	2.0	2.5	2.9
07	4.7	2.3	4.7	2.5	1.2	2.8	3.3	-2.2	4.1	4.8	1.5	-1.6	1.6	3.4	2.8
08	5.8	5.8	3.4	3.2	3.8	4.2	4.0	-2.5	5.3	3.2	5.3	-1.9	1.7	3.9	2.8
09	6.6	5.8	2.7	5.0	1.2	3.7	5.2	-0.8	6.4	2.7	5.1	0.0	1.9	3.2	2.8
10	7.4	4.8	2.3	4.5	0.7	3.7	4.6	-1.0	7.3	2.6	5.2	1.0	1.9	2.9	2.7
11	5.9	4.1	3.0	3.1	1.3	3.1	3.6	-0.7	5.9	2.9	4.5	0.0	1.8	3.0	2.6
12	4.5	3.3	3.8	3.9	2.7	1.9	2.8	0.0p	4.7	3.5	4.6	-0.1	2.0	3.1	2.7

p=provisional

TABLE V

## ECU EXCHANGE RATES



	B/LFR	DKR	DM	DRA	PTA	FF	IRL	LIT	HFL	Ös
<b>Yearly averages</b>										
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	137.601	7.03644	0.775672	1537.33	2.33479	14.5861
1989	43.3806	8.04929	2.07015	178.840	130.406	7.02387	0.776818	1510.47	2.33526	14.5695
1990	42.4257	7.85652	2.05209	201.412	129.411	6.91412	0.767768	1521.98	2.31212	14.4399
1991	42.2233	7.90859	2.05076	225.216	128.469	6.97332	0.767809	1533.24	2.31098	14.4309
1992	41.5932	7.80925	2.02031	247.026	132.526	6.84839	0.760718	1595.51	2.27482	14.2169
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
<b>Monthly averages</b>										
94/02	40.0000	7.56953	1.94082	280.085	157.849	6.59455	0.787265	1884.77	2.17642	13.6454
94/03	39.7980	7.56754	1.93113	281.644	158.483	6.58226	0.795832	1904.10	2.17017	13.5861
94/04	39.8323	7.58603	1.93467	283.714	157.331	6.62762	0.792764	1851.43	2.17251	13.6094
94/05	39.7402	7.55863	1.93076	285.832	158.988	6.61117	0.791644	1857.15	2.16677	13.5796
94/06	39.6927	7.55808	1.92800	289.972	159.017	6.58760	0.791689	1885.51	2.16115	13.5627
94/07	39.5323	7.53595	1.91818	289.751	158.232	6.57349	0.800096	1911.34	2.15151	13.4948
94/08	39.4299	7.56621	1.91357	289.807	158.831	6.55729	0.803157	1936.17	2.14870	13.4647
94/09	39.4411	7.55264	1.91637	291.742	159.049	6.55492	0.800065	1936.25	2.14834	13.4870
94/10	39.4401	7.50204	1.91672	293.745	159.294	6.56108	0.794364	1952.62	2.14734	13.4902
94/11	39.3855	7.49232	1.91426	294.888	159.486	6.57243	0.794537	1968.24	2.14556	13.4750
94/12	39.2942	7.49155	1.91135	295.266	160.814	6.58300	0.792076	1985.46	2.14012	13.4520
95/01	39.1627	7.49040	1.90123	295.700	164.519	6.57322	0.796967	1999.01	2.13128	13.3768
95/02	38.9137	7.46117	1.89007	297.011	164.235	6.57441	0.805134	2037.76	2.11882	13.3019
<b>Daily rates: 02-95</b>										
01/02	39.1092	7.48766	1.89867	296.009	164.813	6.58344	0.797427	2007.80	2.12818	13.3586
02/02	39.0781	7.48741	1.89883	296.196	164.877	6.58157	0.798351	2006.42	2.12826	13.3619
03/02	39.0422	7.48382	1.89617	296.069	165.034	6.58299	0.801638	2007.50	2.12528	13.3433
06/02	39.0402	7.47907	1.89765	296.412	164.624	6.57702	0.802199	1997.99	2.12675	13.3535
07/02	39.0653	7.47297	1.89937	296.639	163.881	6.57036	0.801054	1998.84	2.12858	13.3662
08/02	39.0454	7.46851	1.89731	296.325	163.625	6.56939	0.802941	2002.78	2.12655	13.3518
09/02	39.0578	7.47239	1.89863	296.948	163.114	6.56523	0.799000	2004.98	2.12769	13.3611
10/02	39.0505	7.47202	1.89763	296.982	163.522	6.56756	0.801113	2008.41	2.12690	13.3560
13/02	39.0166	7.46605	1.89555	296.956	163.649	6.56918	0.802422	2014.42	2.12477	13.3407
14/02	39.0089	7.45902	1.89601	297.202	162.542	6.56536	0.805525	2008.42	2.12509	13.3438
15/02	38.9800	7.45893	1.89402	297.114	162.800	6.56948	0.807069	2014.16	2.12287	13.3298
16/02	38.9190	7.46052	1.88990	296.865	163.482	6.56979	0.808464	2031.26	2.11853	13.3015
17/02	38.8526	7.45657	1.88686	296.827	164.537	6.56621	0.811080	2044.43	2.11540	13.2811
20/02	38.8556	7.45013	1.88635	297.046	164.682	6.56322	0.810805	2043.37	2.11489	13.2774
21/02	38.7989	7.44281	1.88334	297.189	164.954	6.56268	0.809973	2062.37	2.11179	13.2555
22/02	38.7874	7.44349	1.88269	297.689	165.085	6.57412	0.808253	2070.25	2.11121	13.2514
23/02	38.7859	7.44618	1.88390	297.885	164.799	6.57512	0.807190	2067.75	2.11226	13.2588
24/02	38.7227	7.43959	1.87956	297.724	165.388	6.58996	0.807816	2081.03	2.10766	13.2298
27/02	38.5144	7.43542	1.86767	297.917	165.205	6.59907	0.809557	2143.98	2.09498	13.1456
28/02	38.5442	7.44087	1.87125	298.223	164.089	6.58647	0.810808	2139.01	2.09866	13.1704



TABLE V

## ECU EXCHANGE RATES

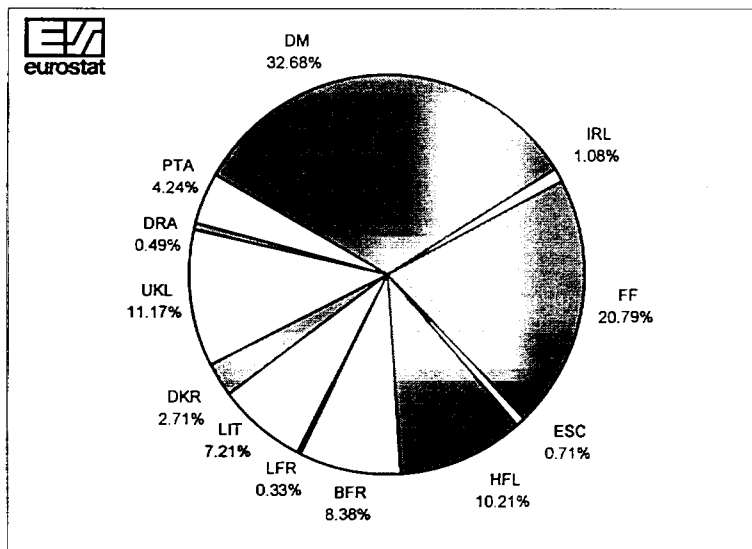
 eurostat	ESC	FMK	SKR	UKL	IKR	NKR	SFR	USD	YEN
<b>Yearly averages</b>									
1985	130.251	4.69423	6.52133	0.588977	31.6485	6.51104	1.85572	0.763088	180.559
1986	147.088	4.97974	6.99567	0.671543	40.3813	7.27750	1.76086	0.984167	164.997
1987	162.616	5.06517	7.31001	0.704571	44.5548	7.76498	1.71780	1.154440	166.598
1988	170.059	4.94362	7.24192	0.664434	50.7794	7.70054	1.72822	1.182480	151.459
1989	173.413	4.72301	7.09939	0.673302	62.8909	7.60381	1.80010	1.101750	151.938
1990	181.109	4.85496	7.52051	0.713851	74.0013	7.94851	1.76218	1.273430	183.660
1991	178.614	5.00211	7.47926	0.701012	73.0052	8.01701	1.77245	1.239160	166.493
1992	174.714	5.80703	7.53295	0.737650	74.6584	8.04177	1.81776	1.298100	164.223
1993	188.370	6.69628	9.12151	0.779988	79.2528	8.30954	1.73019	1.170999	130.147
1994	196.896	6.19077	9.16307	0.775902	83.1063	8.37420	1.62128	1.189518	121.322
<b>Monthly averages</b>									
94/02	195.976	6.23843	8.92791	0.755633	81.6578	8.37530	1.62929	1.117593	118.803
94/03	198.705	6.31596	9.03510	0.765454	82.3681	8.38396	1.63171	1.141903	120.004
94/04	197.568	6.25395	8.98059	0.768121	82.1372	8.39004	1.63898	1.139238	117.764
94/05	199.416	6.30027	8.98922	0.774348	82.6247	8.36832	1.64574	1.164411	120.752
94/06	199.872	6.41130	9.23676	0.775969	83.0688	8.37308	1.62707	1.183479	121.444
94/07	197.036	6.34957	9.47414	0.790531	83.7259	8.38725	1.61858	1.221921	120.452
94/08	195.458	6.28497	9.46219	0.793224	83.8548	8.39388	1.61245	1.223171	122.169
94/09	195.323	6.13805	9.30546	0.790235	83.8817	8.40546	1.59592	1.235352	122.091
94/10	195.865	5.89503	9.15188	0.785086	84.5405	8.34456	1.59428	1.260906	124.138
94/11	195.432	5.87027	9.14306	0.782510	84.0136	8.36564	1.61059	1.243707	121.875
94/12	195.995	5.89217	9.13679	0.779893	83.7467	8.33451	1.61623	1.215838	121.760
95/01	196.125	5.87763	9.26782	0.788296	84.2156	8.31546	1.59827	1.240814	123.743
95/02	195.479	5.84173	9.29914	0.800817	83.7854	8.29931	1.59976	1.258693	123.637
<b>Daily rates: 02-95</b>									
01/02	196.265	5.87836	9.30071	0.788136	84.01215	8.31596	1.60308	1.244624	123.965
02/02	196.259	5.88390	9.29284	0.788981	84.02001	8.31448	1.60601	1.250298	124.617
03/02	196.010	5.88317	9.31669	0.792832	83.79028	8.30973	1.60314	1.248551	124.193
06/02	195.997	5.86579	9.27263	0.795197	83.31550	8.30615	1.60795	1.239076	123.375
07/02	195.835	5.85547	9.22985	0.794887	83.37162	8.30619	1.60697	1.238990	122.970
08/02	195.651	5.85666	9.24656	0.798128	83.44713	8.30384	1.60690	1.238456	122.483
09/02	195.469	5.85588	9.23585	0.797407	83.36135	8.30575	1.60658	1.240127	122.711
10/02	195.705	5.82873	9.20811	0.796587	83.37394	8.30328	1.60507	1.240684	123.200
13/02	195.601	5.82469	9.24931	0.798319	83.59179	8.30172	1.59889	1.249130	123.127
14/02	195.583	5.82625	9.23325	0.802207	83.48316	8.30345	1.60223	1.246389	123.355
15/02	195.729	5.83633	9.24184	0.802836	83.64699	8.29942	1.60000	1.255395	123.493
16/02	195.379	5.86441	9.33511	0.804608	84.07556	8.28799	1.59611	1.265245	123.614
17/02	195.423	5.86904	9.32946	0.805886	83.69819	8.29229	1.59452	1.271043	123.609
20/02	195.515	5.84833	9.32893	0.807528	84.00976	8.29227	1.59604	1.278882	124.179
21/02	195.516	5.82414	9.32526	0.808331	83.87988	8.29041	1.59507	1.275546	124.111
22/02	195.377	5.82639	9.35408	0.804781	84.00758	8.29631	1.59455	1.273807	123.967
23/02	195.146	5.80112	9.29980	0.803888	84.05368	8.28659	1.60291	1.277217	123.826
24/02	195.039	5.79722	9.28974	0.804512	84.09421	8.28859	1.59762	1.278610	124.025
27/02	194.105	5.81981	9.46626	0.810991	84.25061	8.29101	1.58483	1.282744	124.067
28/02	193.968	5.78898	9.42660	0.810294	84.22542	8.29080	1.58666	1.279050	123.850

**TABLE VI**

**CENTRAL RATES AND INTERVENTION LIMIT RATES, IN FORCE SINCE 6TH MARCH 1995, FOR THE CURRENCIES OF COUNTRIES PARTICIPATING IN THE EMS EXCHANGE RATE MECHANISM.**

eurostat		1 ECU =	100 BLF =	100 DKR =	100 DM =	100 PTA =	100 FF =	1 IRL =	100 HFL =	100 ÖS =	100 ESC =
BLF	39.3960	+ = -	- - -	627.880 540.723 465.665	2395.20 2062.55 1776.20	28.1525 24.2447 20.8795	714.030 614.977 529.660	57.7445 49.7289 42.8260	2125.60 1830.54 1576.45	340.420 293.163 252.470	23.3645 20.1214 17.3285
DKR	7.28580	+ = -	21.4747 18.4938 15.9266	- - -	442.968 381.443 328.461	5.20640 4.48376 3.86140	132.066 113.732 97.9430	10.6792 9.19676 7.92014	393.105 338.537 291.544	62.9561 54.2170 46.6910	4.32100 3.72119 3.20460
DM	1.91007	+ = -	5.63000 4.84837 4.17500	30.4450 26.2162 22.5750	- - -	1.36500 1.17548 1.01230	34.6250 29.8164 25.6750	2.80000 2.41105 2.07600	103.058 <sup>1</sup> 88.7526 76.4326 <sup>1</sup>	16.5050 14.2136 12.2410	1.13280 0.975561 0.840100
PTA	162.493	+ = -	478.944 412.461 355.206	2589.80 2230.27 1920.70	9878.50 8507.18 7326.00	- - -	2945.40 2536.54 2184.40	238.175 205.113 176.641	8767.30 7550.30 6502.20	1404.10 1209.18 1041.30	96.3670 82.9927 71.4690
FF	6.40608	+ = -	18.8800 16.2608 14.0050	102.100 87.9257 75.7200	389.480 335.386 288.810	4.57780 3.94237 3.39510	- - -	9.38950 8.08631 6.96400	345.650 297.661 256.350	55.3545 47.6706 41.0533	3.79920 3.27188 2.81770
IRL	0.792214	+ = -	2.33503 2.01090 1.73176	12.6261 10.8734 9.36403	48.1696 41.4757 35.7143	0.566120 0.487537 0.419859	14.3599 12.3666 10.6500	- - -	42.7439 36.8105 31.7007	6.84544 5.89521 5.07688	0.469841 0.404620 0.348453
HFL	2.15214	+ = -	6.34340 5.46286 4.70454	34.3002 29.5389 25.4385	130.834 <sup>1</sup> 112.673 97.0325 <sup>1</sup>	1.53793 1.32445 1.14060	39.0091 33.5953 28.9381	3.15450 2.71662 2.33952	- - -	18.5963 16.0149 13.7918	1.27637 1.09920 0.946611
ÖS	13.4383	+ = -	39.6089 34.1107 29.3757	214.174 184.444 158.841	816.927 703.550 605.877	9.60338 8.27008 7.12200	243.586 209.773 180.654	19.6971 16.9629 14.6082	725.065 624.417 537.740	- - -	7.97000 6.86356 5.91086
ESC	195.792	+ = -	577.090 496.984 428.000	3120.50 2687.31 2314.30	11903.3 10250.5 8827.70	139.920 120.493 103.770	3549.00 3056.35 2632.10	286.983 247.145 212.838	10564.0 9097.55 7834.70	1691.80 1456.97 1254.70	- - -
DR	292.867 (notional)	<p>1 These buying and selling rates will not be operational. Reflecting a bilateral agreement between the German and the Dutch monetary authorities, the following rates will continue to apply: selling rate Fl. 100 in Frankfurt: DM 90.7700; buying rate Fl. 100 in Frankfurt: DM 86.7800; selling rate DM 100 in Amsterdam: Fl. 115.235; buying rate DM 100 in Amsterdam: Fl. 110.1675.</p>									
LIT	2106.15 (notional)										
UKL	0.786652 (notional)										

**WEIGHTS OF COMPONENT CURRENCIES IN THE ECU, CALCULATED ON THE BASIS OF CENTRAL RATES IN FORCE SINCE 6/03/95**



**COMPOSITION OF THE ECU BASKET**

Since 21/09/1989	
0.6242	DM
1.332	FF
0.2198	HFL
3.301	BFR
0.13	LFR
151.8	LIT
0.1976	DKR
0.008552	IRL
0.08784	UKL
1.44	DRA
6.885	PTA
1.393	ESC
= 1 ecu	



TABLE VIII

## CENTRAL BANK INTEREST RATES

eurostat	B				DK			D				GR			E		
	DR	AUCT	AR	CR	DR	REPO	CD	DR	LR	REPO	3D TB	DR	LR	OR	REPO	AR	

## RATES AT THE END OF:

02.94	5.00	6.40	7.90	6.40	5.50	6.00	6.00	5.25	6.75	6.00	5.25	21.50	25.50	30.00	8.50	8.55	02.94
03.94	5.00	6.15	7.55	6.05	5.50	6.00	6.00	5.25	6.75	5.76	5.25	21.50	25.50	30.00	8.00	8.11	03.94
04.94	4.75	5.60	7.10	5.60	5.25	5.90	5.90	5.00	6.50	5.47	5.30	21.50	25.50	30.00	7.75	7.85	04.94
05.94	4.50	5.25	6.75	5.25	5.00	5.60	5.60	4.50	6.00	5.20	5.30	22.50	26.50	33.00*	7.50	7.55	05.94
06.94	4.50	5.00	6.45	4.95	5.00	5.60	5.60	4.50	6.00	4.96	5.30	22.50	26.50	33.00*	7.50	7.55	06.94
07.94	4.50	4.85	6.35	4.85	5.00	5.50	5.50	4.50	6.00	4.85	5.30	22.50	26.50	33.00	7.50	7.55	07.94
08.94	4.50	4.85	6.35	4.85	5.00	5.50	5.50	4.50	6.00	4.85	4.50	22.50	26.50	33.00	7.35	7.40	08.94
09.94	4.50	4.85	6.35	4.85	5.00	5.50	5.50	4.50	6.00	4.85	4.50	21.50	25.00	30.00	7.35	7.40	09.94
10.94	4.50	4.85	6.35	4.85	5.00	5.50	5.50	4.50	6.00	4.85	4.50	21.50	25.00	30.00	7.35	7.40	10.94
11.94	4.50	4.85	6.35	4.85	5.00	5.50	5.50	4.50	6.00	4.85	4.50	20.50	24.00	30.00	7.35	7.40	11.94
12.94	4.50	4.85	6.35	4.85	5.00	5.50	5.50	4.50	6.00	4.85	4.50	20.50	24.00	30.00	7.35	7.40	12.94
01.95	4.50	4.85	6.35	4.85	5.00	5.50	5.50	4.50	6.00	4.85	4.50	20.50	24.00	30.00	8.00	8.05	01.95
02.95	4.50	4.85	6.35	4.85	5.00	5.50	5.50	4.50	6.00	4.85	4.50	20.50	24.00	30.00	8.00	8.05	02.95

## RECENT ACTUAL CHANGES

01.01.95																	01.01.95
02.01.95																	02.01.95
03.01.95																	03.01.95
04.01.95															8.00		04.01.95
05.01.95																8.05	05.01.95
06.01.95																	06.01.95
09.01.95																	09.01.95
10.01.95																	10.01.95
11.01.95																	11.01.95
12.01.95																	12.01.95
13.01.95																	13.01.95
16.01.95																	16.01.95
17.01.95																	17.01.95
18.01.95																	18.01.95
19.01.95																	19.01.95
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24.01.95																	24.01.95
25.01.95																	25.01.95
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24.02.95																	24.02.95
27.02.95																	27.02.95
28.02.95																	28.02.95

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.

\* This rate of 33% was also subject to a surcharge of 0.4% daily from the 16/05/94 - 30/05/94, which was reduced to 0.3% daily on 31/05/94 and to 0.1% daily on 21/6/94.

TABLE VIII

CENTRAL BANK INTEREST RATES

eurostat	F		IRL	I			NL		A			P				
	AUCT	REPO	STF	DR	LR	REPO*	SPR	AR	DR	LR	REPO	PR R	SFR	DR R	DRO	PRO

RATES AT THE END OF:

02.94	6.10	7.00	6.75	7.50	8.50	8.20	5.50	5.00	5.00	6.00	5.50	10.00	11.50	9.00	9.000	10.250	02.94
03.94	6.00	7.00	6.75	7.50	8.50	8.40	5.50	5.00	5.00	6.00	5.50	10.00	13.00	9.00	9.500	13.000	03.94
04.94	5.70	6.75	6.50	7.50	8.50	7.95	5.30	4.75	4.75	5.75	5.30	11.00	12.00	susp	10.500	11.250	04.94
05.94	5.40	6.40	6.25	7.00	8.00	7.60	5.10	4.50	4.50	5.50	5.00	susp	susp	susp	9.125	10.805	05.94
06.94	5.20	6.40	6.25	7.00	8.00	8.00	4.90	4.50	4.50	5.50	4.90	susp	susp	susp	12.500	12.236	06.94
07.94	5.00	6.40	6.25	7.00	8.00	7.95	4.80	4.50	4.50	5.50	4.70	susp	13.00	10.50	11.000	10.791	07.94
08.94	5.00	6.40	6.25	7.50	8.50	8.00	4.80	4.50	4.50	5.50	4.70	susp	12.00	9.25	9.750	9.924	08.94
09.94	5.00	6.40	6.25	7.50	8.50	8.20	4.80	4.50	4.50	5.50	4.70	susp	11.50	8.75	8.750	9.250	09.94
10.94	5.00	6.40	6.25	7.50	8.50	8.30	4.80	4.50	4.50	5.50	4.70	susp	11.50	8.50	8.750	9.000	10.94
11.94	5.00	6.40	6.25	7.50	8.50	8.25	4.80	4.50	4.50	5.50	4.70	susp	11.50	8.50	8.500	8.875	11.94
12.94	5.00	6.40	6.25	7.50	8.50	8.35	4.80	4.50	4.50	5.50	4.70	susp	11.50	8.50	8.500	8.875	12.94
01.95	5.00	6.40	6.25	7.50	8.50	:	4.80	4.50	4.50	5.50	4.70	susp	11.50	8.50	8.500	8.875	01.95
02.95	5.00	6.40	6.25	8.25	10.00	:	4.80	4.50	4.50	5.50	4.70	susp	11.50	8.50	8.500	8.875	02.95

RECENT ACTUAL CHANGES

01.01.95																		01.01.95
02.01.95																		02.01.95
03.01.95																		03.01.95
04.01.95																		04.01.95
05.01.95																		05.01.95
06.01.95																		06.01.95
09.01.95																		09.01.95
10.01.95						8.50												10.01.95
11.01.95																		11.01.95
12.01.95						8.55												12.01.95
13.01.95															8.897			13.01.95
16.01.95															8.875			16.01.95
17.01.95																		17.01.95
18.01.95						8.65												18.01.95
19.01.95						8.60												19.01.95
20.01.95																		20.01.95
23.01.95						8.45												23.01.95
24.01.95																		24.01.95
25.01.95																		25.01.95
26.01.95																		26.01.95
27.01.95																		27.01.95
30.01.95																		30.01.95
31.01.95																		31.01.95
01.02.95																		01.02.95
02.02.95																		02.02.95
03.02.95																		03.02.95
06.02.95																		06.02.95
07.02.95																		07.02.95
08.02.95																		08.02.95
09.02.95																		09.02.95
10.02.95																		10.02.95
13.02.95																		13.02.95
14.02.95																		14.02.95
15.02.95																		15.02.95
16.02.95																		16.02.95
17.02.95																		17.02.95
20.02.95																		20.02.95
21.02.95																		21.02.95
22.02.95				8.25	10.00													22.02.95
23.02.95																		23.02.95
24.02.95																		24.02.95
27.02.95																		27.02.95
28.02.95																		28.02.95

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.

\* Data for January, February not yet available

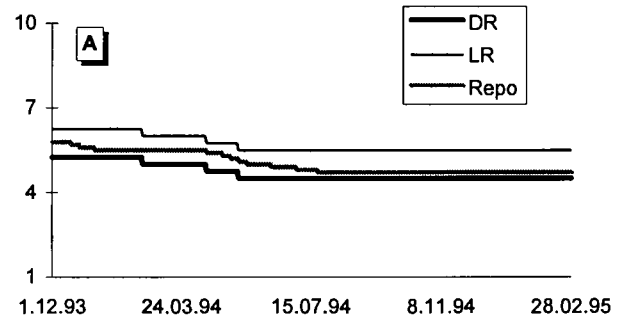
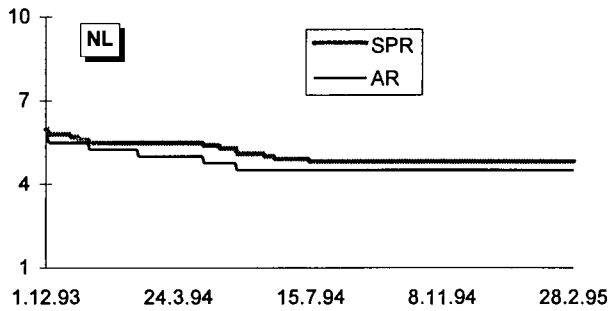
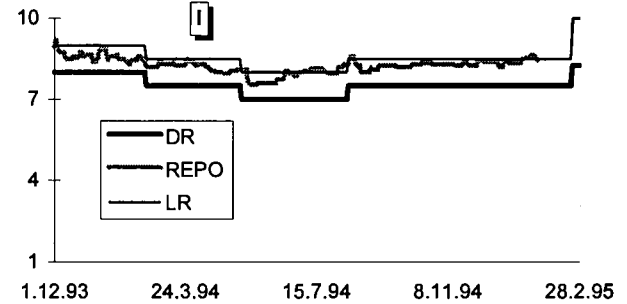
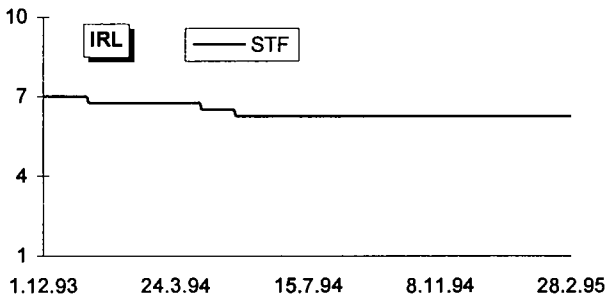
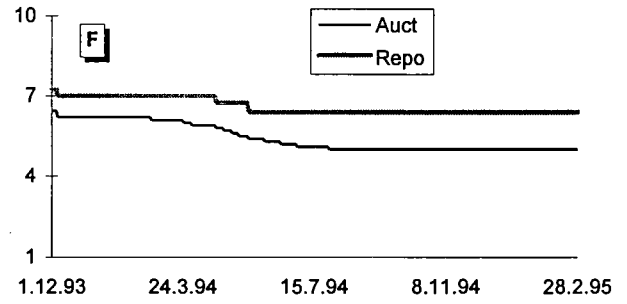
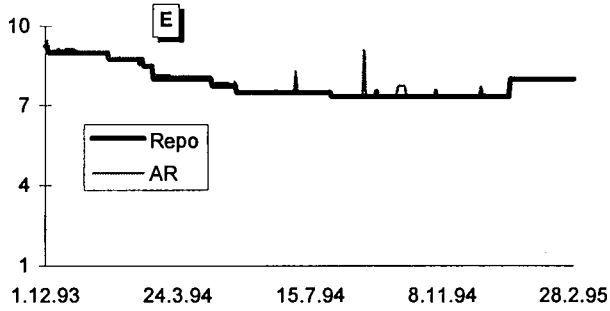
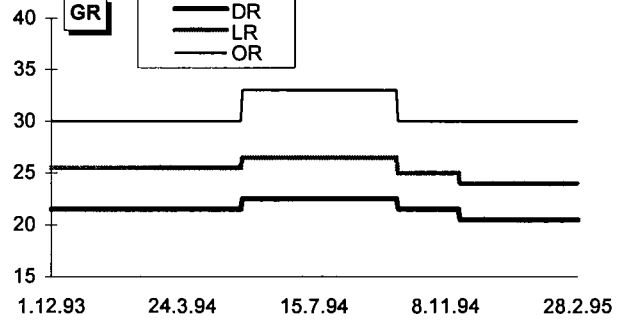
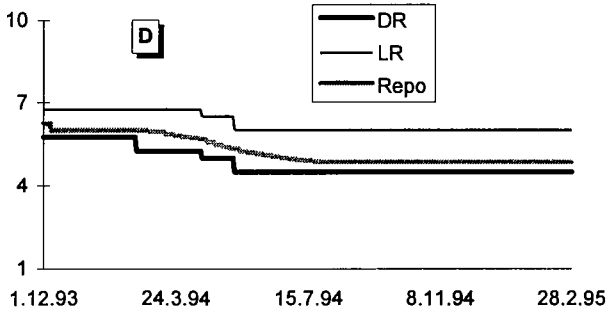
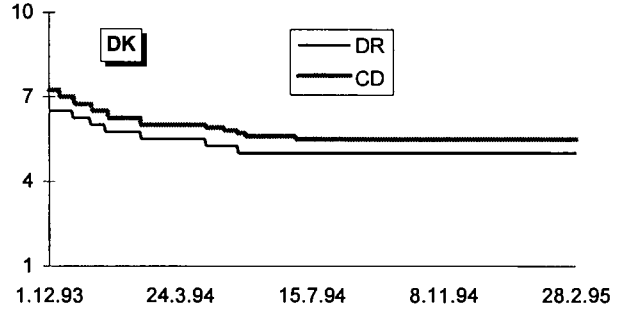
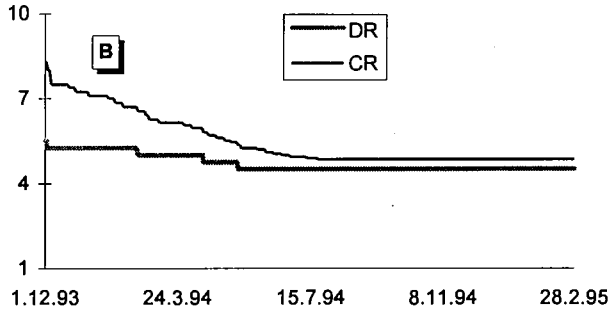
TABLE VIII

## CENTRAL BANK INTEREST RATES

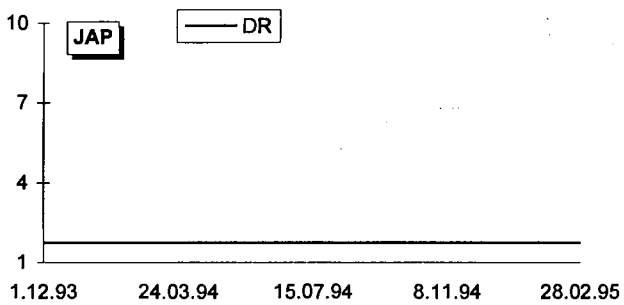
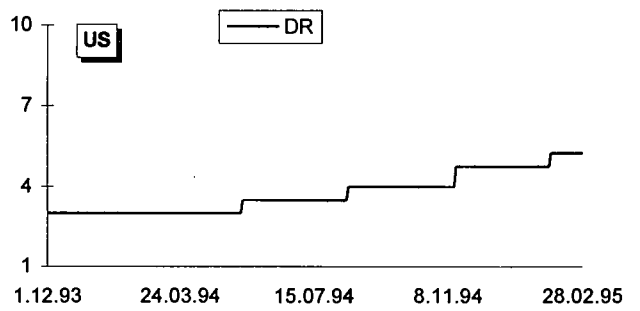
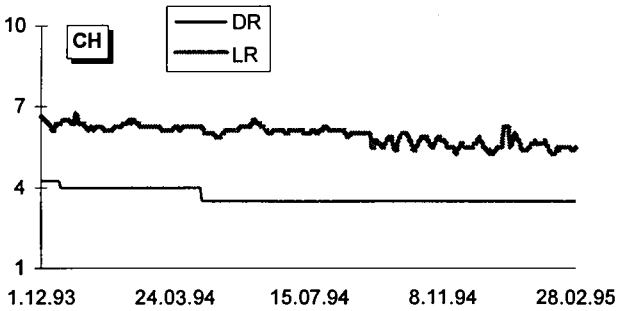
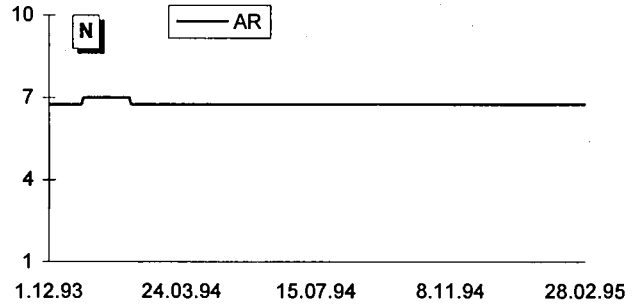
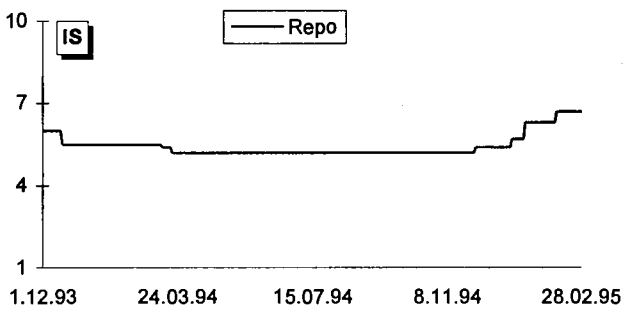
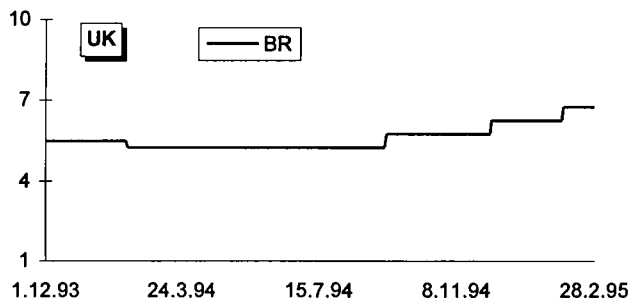
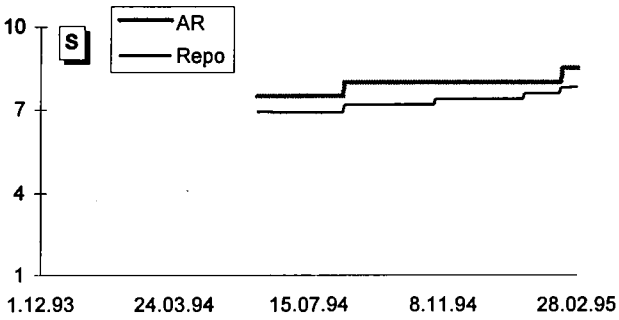
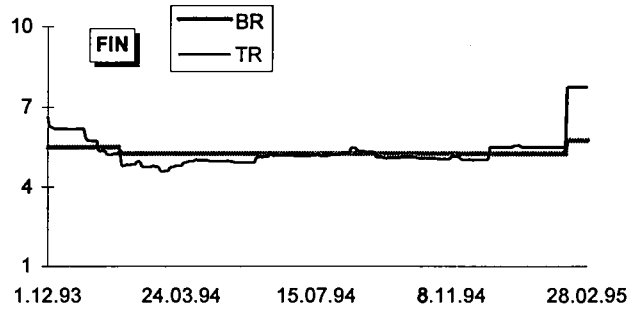
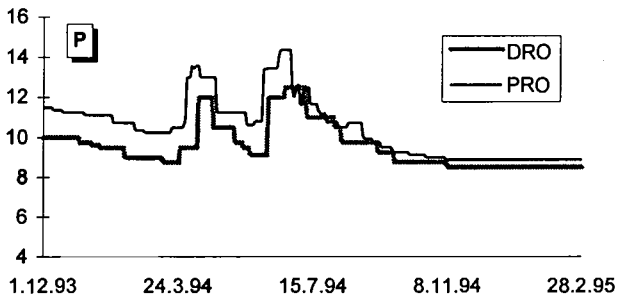
eurostat	FIN			S				UK	IS				N	CH		US	JAP
	BR	TR	AR	DR	AR	REPO	IBR	BR	DR	REPO	CD	AR	DR	LR	DR	DR	
<b>RATES AT THE END OF:</b>																	
02.94	5.25	4.75	6.75	4.50			7.65	5.25		5.50	4.50	6.75	4.00	6.25	3.00	1.75	02.94
03.94	5.25	4.96	6.96	4.50			8.10	5.25		5.20	4.00	6.75	4.00	6.25	3.00	1.75	03.94
04.94	5.25	4.97	6.97	4.50			8.65	5.25		5.20	4.00	6.75	3.50	5.88	3.00	1.75	04.94
05.94	5.25	5.13	7.13	4.50			8.65	5.25		5.20	4.00	6.75	3.50	6.50	3.50	1.75	05.94
06.94	5.25	5.15	7.15	4.50	7.50	6.92	9.70	5.25	4.40	5.20	4.00	6.75	3.50	6.13	3.50	1.75	06.94
07.94	5.25	5.20	7.20	5.50	7.50	6.92	10.40	5.25	4.40	5.20	4.00	6.75	3.50	6.25	3.50	1.75	07.94
08.94	5.25	5.31	7.31	5.50	8.00	7.20	11.15	5.25	4.40	5.20	4.00	6.75	3.50	6.00	4.00	1.75	08.94
09.94	5.25	5.12	7.12	5.50	8.00	7.20	11.14	5.75	4.40	5.20	4.00	6.75	3.50	5.75	4.00	1.75	09.94
10.94	5.25	5.05	7.05	7.00	8.00	7.20	10.93	5.75	4.40	5.20	4.00	6.75	3.50	5.50	4.00	1.75	10.94
11.94	5.25	5.02	7.02	7.00	8.00	7.40	10.45	5.75	4.40	5.20	4.00	6.75	3.50	5.50	4.75	1.75	11.94
12.94	5.25	5.55	7.55	7.00	8.00	7.60	10.50	6.25	4.70	5.40	4.60	6.75	3.50	6.25	4.75	1.75	12.94
01.95	5.25	5.50	7.50	7.00	8.00	7.60	10.55	6.25	5.50	6.30	4.90	6.75	3.50	5.63	4.75	1.75	01.95
02.95	5.25	5.75	7.75	7.00	8.50	7.83	:	6.75	5.50	6.70	4.90	6.75	3.50	5.50	5.25	1.75	02.95
<b>RECENT ACTUAL CHANGES</b>																	
01.01.95									5.00	5.70							01.01.95
02.01.95																	02.01.95
03.01.95													5.50				03.01.95
04.01.95		5.50	7.50										5.63				04.01.95
05.01.95							10.45						5.88				05.01.95
06.01.95													6.00				06.01.95
09.01.95													5.88				09.01.95
10.01.95													5.75				10.01.95
11.01.95								5.50	6.30	4.90			5.63				11.01.95
12.01.95													5.38				12.01.95
13.01.95							10.65										13.01.95
16.01.95																	16.01.95
17.01.95																	17.01.95
18.01.95													5.50				18.01.95
19.01.95																	19.01.95
20.01.95							10.45						5.63				20.01.95
23.01.95																	23.01.95
24.01.95													5.75				24.01.95
25.01.95													5.63				25.01.95
26.01.95																	26.01.95
27.01.95							10.55										27.01.95
30.01.95																	30.01.95
31.01.95																	31.01.95
01.02.95													5.75	5.25			01.02.95
02.02.95								6.75					5.63				02.02.95
03.02.95													5.50				03.02.95
06.02.95													5.38				06.02.95
07.02.95									6.70				5.25				07.02.95
08.02.95																	08.02.95
09.02.95																	09.02.95
10.02.95		5.75	7.75				10.30						5.38				10.02.95
13.02.95													5.50				13.02.95
14.02.95								7.80					5.38				14.02.95
15.02.95					8.50								5.50				15.02.95
16.02.95																	16.02.95
17.02.95																	17.02.95
20.02.95																	20.02.95
21.02.95																	21.02.95
22.02.95							7.83										22.02.95
23.02.95													5.38				23.02.95
24.02.95																	24.02.95
27.02.95																	27.02.95
28.02.95													5.50				28.02.95

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





## EXPLANATORY NOTES

### Ecu bond issues (Tables I & II)

In table I, 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 I 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 II shows detailed information on the latest known issues, irrespective of the payment date.

### 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 12) and the nine 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 12, 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 dividing 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, covering all the Member States of the Community (EUR 12 and ECU) and the 9 Member States 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 three indices are calculated as weighted arithmetic means (chain-indices). The weightings are defined as follows: for the EUR 12 and ERM indices, the relative share of each Member State in the final consumption of households for the group of countries in question (EUR 12 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 exchange rates (Table V)

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).

### Bilateral currency deviation (graphs on page 4)

The various curves 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 strongest currency above that of the weakest. 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.

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

The maximum fluctuation 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 permissible fluctuation.

The curves are drawn by linking the daily points showing the relative positions of each currency.

For the UKL, LIT and DR, this is based on their notional ERM central rates; for other currencies it is based on their market rates of 2/8/93.

### Exchange rate grid (Table VI)

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.

### Interest rates and yields on ecu investments (Table VII)

The interest rates for 1, 3, 6 months and 1 year 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 (bid-offer 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.

### Operations rates of the EMI (Table VII)

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.

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

### 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.

<sup>1</sup> Primary dealers are market makers for government linear bonds (OLO) and Treasury certificates.

**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 make 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

## FRANCE

**Intervention rates:**

**Auction (AUCTION):** 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 penalty 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 22 days against eligible securities for special short-term needs.

**Other rate:**

**Repurchase agreements (REPO):** the Bank of Italy intervenes when it perceives the need to add or drain liquidity, in view of its targets in terms of money rates and sales of government securities. The repo allocation is based on variable rates. 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 supra-national 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); but recently it has tended to announce interest rate changes by posting a Minimum Lending Rate, applying now for one day only.

The other key rate in the UK financial markets is the Base Rate, which represents the average of the base lending rate of four selected retail banks (Barclays, Lloyds, Midland and National Westminster), which is a good indicator of the broad level of 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 (30) day repos, when the Central Bank purchases Treasury bills (other Government or Government guaranteed securities) 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

**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. For each institution, the Central Bank sets a discounting limit which it reviews periodically and adjusts when necessary.

**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.

#### UNITED STATES

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

#### JAPAN

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



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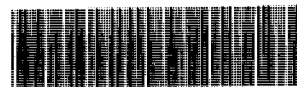
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