

EXCHANGE RATE STATISTICS

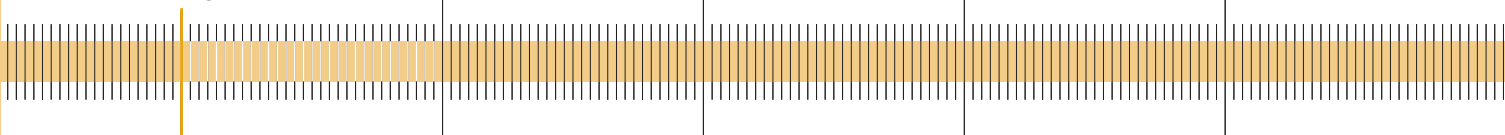
**JANUARY
2011**

FEBRUARY

MARCH

APRIL

MAY



Statistical Supplement
to the Monthly Report 5

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The German-language version of the Statistical Supplement Exchange Rate Statistics is published quarterly in printed form. The Deutsche Bundesbank also publishes an updated monthly edition in German and in English on its website. In cases of doubt, the original German-language version is the sole authoritative text.

ISSN 2190–8990 (online edition)

Cut-off date: 31 December 2010.

The Statistical Supplement Exchange Rate Statistics is published by the Deutsche Bundesbank, Frankfurt am Main, by virtue of section 18 of the Bundesbank Act. It is available to interested parties free of charge.

Further statistical data, supplementing the Monthly Report, can be found in the following supplements.

Banking statistics	monthly
Capital market statistics	monthly
Balance of payments statistics	monthly
Seasonally adjusted business statistics	monthly

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Abbreviations and symbols

CU	Currency unit(s)
EC	European Community
ECB	European Central Bank
ECU	European Currency Unit
EER	Effective exchange rate
EMU	European Monetary Union
ERM	Exchange Rate Mechanism
EU	European Union
IMF	International Monetary Fund
ISO	International Organization for Standardization
SDR	Special drawing right
SITC	Standard International Trade Classification
SWIFT	Society for Worldwide Interbank Financial Telecommunication
B	Buying rate
M	Middle rate
S	Selling rate
V	Calculated value
e	Estimated
p	Provisional
r	Revised
.	Data unknown, not to be published or not meaningful
–	Nil

I Euro area and exchange rate stability convergence criterion

1 Euro member countries and irrevocable euro conversion rates in the third stage
of European Economic and Monetary Union *

From	Country	Currency	ISO currency code	EUR 1 = CU ...
1999 January 1	Austria	Austrian schilling	ATS	13.7603
	Belgium	Belgian franc	BEF	40.3399
	Finland	Finnish markka	FIM	5.94573
	France	French franc	FRF	6.55957
	Germany	Deutsche Mark	DEM	1.95583
	Ireland	Irish pound	IEP	0.787564
	Italy	Italian lira	ITL	1,936.27
	Luxembourg	Luxembourg franc	LUF	40.3399
	Netherlands	Dutch guilder	NLG	2.20371
	Portugal	Portuguese escudo	PTE	200.482
	Spain	Spanish peseta	ESP	166.386
2001 January 1	Greece	Greek drachma	GRD	340.750
2007 January 1	Slovenia	Slovenian tolar	SIT	239.640
2008 January 1	Cyprus	Cyprus pound	CYP	0.585274
	Malta	Maltese lira	MTL	0.429300
2009 January 1	Slovakia	Slovak koruna	SKK	30.1260
2011 January 1	Estonia	Estonian kroon	EEK	15.6466

* Excerpts from official communications and announcements on the euro and Exchange Rate Mechanism II, see pp 51–57.

2 Central rates and intervention rates in Exchange Rate Mechanism II *

Country Currency ISO currency code	Type of rate	EUR 1 = CU ...						
		From ... 1 Jan 1999	17 Jan 2000	28 June 2004	2 May 2005	28 Nov 2005	19 Mar 2007	29 May 2008
Denmark Danish krone DKK	Upper rate	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824
	Central rate	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038
	Lower rate	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252
Greece Greek drachma GRD	Upper rate	406.075	391.863	–	–	–	–	–
	Central rate	353.109	¹ 340.750	–	–	–	–	–
	Lower rate	300.143	289.638	–	–	–	–	–
Estonia Estonian kroon EEK	Upper rate	–	–	17.9936	17.9936	17.9936	17.9936	17.9936
	Central rate	–	–	15.6466	15.6466	15.6466	15.6466	² 15.6466
	Lower rate	–	–	13.2996	13.2996	13.2996	13.2996	13.2996
Lithuania Lithuanian litas LTL	Upper rate	–	–	3.97072	3.97072	3.97072	3.97072	3.97072
	Central rate	–	–	3.45280	3.45280	3.45280	3.45280	3.45280
	Lower rate	–	–	2.93488	2.93488	2.93488	2.93488	2.93488
Slovenia Slovenian tolar SIT	Upper rate	–	–	275.586	275.586	275.586	–	–
	Central rate	–	–	239.640	239.640	³ 239.640	–	–
	Lower rate	–	–	203.694	203.694	203.694	–	–
Cyprus Cyprus pound CYP	Upper rate	–	–	–	0.673065	0.673065	0.673065	–
	Central rate	–	–	–	0.585274	0.585274	⁴ 0.585274	–
	Lower rate	–	–	–	0.497483	0.497483	0.497483	–
Latvia Latvian lats LVL	Upper rate	–	–	–	0.808225	0.808225	0.808225	0.808225
	Central rate	–	–	–	0.702804	0.702804	0.702804	0.702804
	Lower rate	–	–	–	0.597383	0.597383	0.597383	0.597383
Malta Maltese lira MTL	Upper rate	–	–	–	0.493695	0.493695	0.493695	–
	Central rate	–	–	–	0.429300	0.429300	⁴ 0.429300	–
	Lower rate	–	–	–	0.364905	0.364905	0.364905	–
Slovakia Slovak koruna SKK	Upper rate	–	–	–	–	44.2233	40.7588	34.6449
	Central rate	–	–	–	–	38.4550	35.4424	⁵ 30.1260
	Lower rate	–	–	–	–	32.6868	30.1260	25.6071

Source: ECB. — * One prerequisite before an EU member state can join the Eurosystem is that its currency must have observed the normal fluctuation margins of the Exchange Rate Mechanism II for at least two years without devaluing against the euro. The Danish krone has a fluctuation band of $\pm 2.25\%$ on either side of the central rate, while the other currencies are subject to the standard fluctuation band of $\pm 15\%$. For additional unilateral

commitments regarding narrower fluctuation bands, see pp 51–57. —
¹ Until 31 December 2000; accession to EMU on 1 January 2001. —
² Until 31 December 2010; accession to EMU on 1 January 2011. —
³ Until 31 December 2006; accession to EMU on 1 January 2007. —
⁴ Until 31 December 2007; accession to EMU on 1 January 2008. —
⁵ Until 31 December 2008; accession to EMU on 1 January 2009. —

II Euro reference exchange rates of the European Central Bank *

1 Daily rates

EUR 1 = CU ...

		EU member countries								
		Bulgaria	Czech Republic	Denmark	Estonia	Hungary	Latvia	Lithuania	Poland	Romania
		Bulgarian lev BGN	Czech koruna CZK	Danish krone DKK	Estonian kroon EEK	Hungarian forint HUF	Latvian lats LVL	Lithuanian litas LTL	Polish zloty PLN	Romanian leu RON
2010 Sep	17	1.9558	24.680	7.4468	15.6466	282.82	0.7087	3.4528	3.9622	4.2580
	20	1.9558	24.675	7.4474	15.6466	281.25	0.7091	3.4528	3.9483	4.2640
	21	1.9558	24.655	7.4489	15.6466	279.88	0.7093	3.4528	3.9450	4.2668
	22	1.9558	24.578	7.4499	15.6466	279.65	0.7095	3.4528	3.9415	4.2590
	23	1.9558	24.624	7.4496	15.6466	280.85	0.7093	3.4528	3.9764	4.2670
	24	1.9558	24.633	7.4505	15.6466	278.75	0.7095	3.4528	3.9763	4.2418
	27	1.9558	24.570	7.4503	15.6466	276.69	0.7096	3.4528	3.9497	4.2430
	28	1.9558	24.618	7.4515	15.6466	277.95	0.7098	3.4528	3.9761	4.2685
	29	1.9558	24.570	7.4517	15.6466	276.15	0.7092	3.4528	3.9743	4.2750
	30	1.9558	24.600	7.4519	15.6466	275.75	0.7094	3.4528	3.9847	4.2718
Oct	1	1.9558	24.420	7.4523	15.6466	273.85	0.7092	3.4528	3.9370	4.2655
	4	1.9558	24.469	7.4541	15.6466	272.22	0.7092	3.4528	3.9483	4.2759
	5	1.9558	24.498	7.4549	15.6466	272.73	0.7092	3.4528	3.9708	4.2780
	6	1.9558	24.530	7.4547	15.6466	270.33	0.7091	3.4528	3.9490	4.2720
	7	1.9558	24.518	7.4561	15.6466	273.33	0.7090	3.4528	3.9655	4.2648
	8	1.9558	24.490	7.4562	15.6466	275.55	0.7091	3.4528	3.9765	4.2643
	11	1.9558	24.542	7.4577	15.6466	274.03	0.7090	3.4528	3.9605	4.2668
	12	1.9558	24.524	7.4569	15.6466	273.85	0.7091	3.4528	3.9640	4.2743
	13	1.9558	24.470	7.4565	15.6466	273.45	0.7095	3.4528	3.9545	4.2773
	14	1.9558	24.440	7.4571	15.6466	273.63	0.7095	3.4528	3.9077	4.2799
	15	1.9558	24.515	7.4564	15.6466	274.18	0.7097	3.4528	3.9050	4.2765
	18	1.9558	24.536	7.4575	15.6466	276.63	0.7092	3.4528	3.9226	4.2815
	19	1.9558	24.520	7.4574	15.6466	276.89	0.7099	3.4528	3.9363	4.2980
	20	1.9558	24.503	7.4581	15.6466	275.58	0.7095	3.4528	3.9593	4.3068
	21	1.9558	24.540	7.4584	15.6466	274.50	0.7098	3.4528	3.9516	4.3152
	22	1.9558	24.626	7.4577	15.6466	275.35	0.7097	3.4528	3.9701	4.3013
	25	1.9558	24.510	7.4579	15.6466	273.53	0.7095	3.4528	3.9316	4.2680
	26	1.9558	24.618	7.4577	15.6466	274.60	0.7097	3.4528	3.9352	4.2750
	27	1.9558	24.663	7.4585	15.6466	275.04	0.7093	3.4528	3.9501	4.2762
	28	1.9558	24.630	7.4584	15.6466	273.25	0.7098	3.4528	3.9646	4.2698
	29	1.9558	24.598	7.4562	15.6466	271.76	0.7097	3.4528	3.9820	4.2663
Nov	1	1.9558	24.533	7.4569	15.6466	270.75	0.7097	3.4528	3.9701	4.2825
	2	1.9558	24.500	7.4564	15.6466	270.75	0.7097	3.4528	3.9548	4.2880
	3	1.9558	24.497	7.4553	15.6466	272.00	0.7097	3.4528	3.9327	4.2978
	4	1.9558	24.408	7.4547	15.6466	272.40	0.7097	3.4528	3.8958	4.2848
	5	1.9558	24.585	7.4536	15.6466	273.71	0.7097	3.4528	3.9150	4.2910
	8	1.9558	24.575	7.4535	15.6466	274.60	0.7093	3.4528	3.9193	4.2875
	9	1.9558	24.583	7.4544	15.6466	274.15	0.7092	3.4528	3.9219	4.2850
	10	1.9558	24.618	7.4534	15.6466	273.40	0.7093	3.4528	3.8843	4.2777
	11	1.9558	24.634	7.4538	15.6466	276.54	0.7093	3.4528	3.9329	4.2865
	12	1.9558	24.630	7.4542	15.6466	276.01	0.7092	3.4528	3.9289	4.2950
	15	1.9558	24.627	7.4541	15.6466	276.48	0.7092	3.4528	3.9300	4.2940
	16	1.9558	24.607	7.4547	15.6466	276.95	0.7092	3.4528	3.9372	4.2925
	17	1.9558	24.595	7.4550	15.6466	278.11	0.7095	3.4528	3.9640	4.2965
	18	1.9558	24.648	7.4549	15.6466	275.09	0.7093	3.4528	3.9375	4.2980
	19	1.9558	24.719	7.4554	15.6466	274.25	0.7093	3.4528	3.9345	4.2980
	22	1.9558	24.685	7.4561	15.6466	273.11	0.7093	3.4528	3.9340	4.2973
	23	1.9558	24.680	7.4553	15.6466	275.30	0.7096	3.4528	3.9543	4.3113
	24	1.9558	24.688	7.4548	15.6466	275.58	0.7094	3.4528	3.9743	4.3060
	25	1.9558	24.720	7.4558	15.6466	277.35	0.7093	3.4528	3.9789	4.2995
	26	1.9558	24.725	7.4540	15.6466	279.90	0.7096	3.4528	4.0275	4.3125
	29	1.9558	24.758	7.4543	15.6466	280.58	0.7096	3.4528	4.0476	4.2943
	30	1.9558	24.915	7.4529	15.6466	284.18	0.7093	3.4528	4.0692	4.2925
Dec	1	1.9558	24.961	7.4528	15.6466	280.45	0.7097	3.4528	4.0202	4.2973
	2	1.9558	25.010	7.4521	15.6466	278.75	0.7097	3.4528	4.0055	4.3036
	3	1.9558	25.018	7.4529	15.6466	278.03	0.7097	3.4528	3.9952	4.3073
	6	1.9558	25.043	7.4525	15.6466	280.15	0.7098	3.4528	4.0190	4.3060
	7	1.9558	25.069	7.4527	15.6466	278.00	0.7098	3.4528	4.0117	4.3005
	8	1.9558	25.090	7.4545	15.6466	278.85	0.7097	3.4528	4.0633	4.3005
	9	1.9558	25.073	7.4555	15.6466	277.39	0.7097	3.4528	4.0305	4.3007
	10	1.9558	25.173	7.4548	15.6466	278.20	0.7097	3.4528	4.0296	4.2950
	13	1.9558	25.168	7.4545	15.6466	278.34	0.7095	3.4528	4.0156	4.2925
	14	1.9558	25.162	7.4536	15.6466	277.33	0.7097	3.4528	3.9900	4.2915
	15	1.9558	25.155	7.4516	15.6466	274.63	0.7097	3.4528	3.9783	4.2885
	16	1.9558	25.155	7.4503	15.6466	273.70	0.7098	3.4528	3.9790	4.2930
	17	1.9558	25.218	7.4498	15.6466	272.75	0.7098	3.4528	3.9798	4.2935
	20	1.9558	25.265	7.4499	15.6466	274.83	0.7094	3.4528	3.9966	4.2915
	21	1.9558	25.258	7.4507	15.6466	275.60	0.7093	3.4528	3.9940	4.2888
	22	1.9558	25.280	7.4521	15.6466	276.20	0.7098	3.4528	3.9928	4.2853
	23	1.9558	25.305	7.4530	15.6466	278.43	0.7094	3.4528	3.9798	4.2888
	24	1.9558	25.328	7.4527	15.6466	279.20	0.7094	3.4528	3.9655	4.2878
	27	1.9558	25.350	7.4532	15.6466	278.83	0.7092	3.4528	3.9763	4.2884
	28	1.9558	25.355	7.4544	15.6466	279.15	0.7098	3.4528	3.9823	4.2890
	29	1.9558	25.263	7.4528	15.6466	279.40	0.7097	3.4528	3.9667	4.2986
	30	1.9558	25.240	7.4544	15.6466	279.00	0.7098	3.4528	3.9650	4.2873
	31	1.9558	25.061	7.4535	15.6466	277.95	0.7094	3.4528	3.9750	4.2620

* See Explanatory notes, p 59. — 1 The ECB has not fixed a euro reference exchange rate for the Icelandic krona since 4 December 2008.

II Euro reference exchange rates of the European Central Bank *

		Other European and non-European countries								
Sweden	United Kingdom	Australia	Brazil	Canada	China	Croatia	Hong Kong	Iceland	Period	
Swedish krona SEK	Pound sterling GBP	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Croatian kuna HRK	Hong Kong dollar HKD	Icelandic krona ISK 1		
9.2295	0.83575	1.3886	2.2419	1.3410	8.7809	7.2845	10.1425	–	2010 Sep	17
9.1780	0.83830	1.3826	2.2406	1.3487	8.7783	7.2843	10.1527	–		20
9.1459	0.84545	1.3852	2.2710	1.3536	8.8008	7.2840	10.1840	–		21
9.1276	0.85530	1.3983	2.2798	1.3678	8.9644	7.2840	10.3714	–		22
9.2054	0.85050	1.4058	2.2971	1.3795	8.9369	7.2890	10.3376	–		23
9.2070	0.85345	1.4047	2.3026	1.3801	8.9966	7.2940	10.4043	–		24
9.1710	0.85040	1.4026	2.3019	1.3795	9.0192	7.2928	10.4549	–		27
9.2240	0.84985	1.4012	2.3049	1.3897	9.0055	7.2953	10.4430	–		28
9.1545	0.86180	1.3999	2.3247	1.3978	9.1014	7.2965	10.5607	–		29
9.1421	0.85995	1.4070	2.3201	1.4073	9.1321	7.3058	10.5918	–		30
9.2183	0.86760	1.4114	2.3036	1.4085	9.1843	7.3018	10.6511	–	Oct	1
9.2398	0.86560	1.4153	2.3078	1.3998	9.1703	7.2920	10.6334	–		4
9.2626	0.86670	1.4338	2.3340	1.4070	9.2205	7.3048	10.6886	–		5
9.2993	0.87260	1.4221	2.3113	1.4018	9.2713	7.3145	10.7471	–		6
9.3208	0.87465	1.4132	2.3390	1.4120	9.3298	7.3188	10.8333	–		7
9.3170	0.87510	1.4252	2.3394	1.4168	9.2548	7.3173	10.7641	–		8
9.2715	0.87460	1.4153	2.3198	1.4100	9.2922	7.3203	10.8131	–		11
9.2460	0.87360	1.4076	2.3106	1.4023	9.2313	7.3247	10.7350	–		12
9.2662	0.88120	1.4128	2.3240	1.3999	9.3018	7.3308	10.8317	–		13
9.2340	0.87920	1.4145	2.3213	1.4088	9.3783	7.3275	10.9419	–		14
9.2230	0.87750	1.4142	2.3369	1.4165	9.3568	7.3355	10.9300	–		15
9.2871	0.87470	1.4087	2.3271	1.4192	9.2326	7.3370	10.7812	–		18
9.3350	0.88060	1.4159	2.3387	1.4217	9.2089	7.3295	10.7531	–		19
9.3115	0.88200	1.4151	2.3200	1.4260	9.2202	7.3320	10.7604	–		20
9.2675	0.89020	1.4208	2.3517	1.4300	9.3212	7.3405	10.8813	–		21
9.2565	0.88730	1.4198	2.3594	1.4299	9.2787	7.3365	10.8203	–		22
9.1990	0.89255	1.4107	2.3889	1.4291	9.3420	7.3413	10.8887	–		25
9.3028	0.87685	1.4108	2.3674	1.4245	9.2691	7.3423	10.7925	–		26
9.3317	0.87235	1.4194	2.3546	1.4210	9.2212	7.3452	10.7096	–		27
9.3164	0.87040	1.4158	2.3742	1.4195	9.2667	7.3422	10.7501	–		28
9.3610	0.86860	1.4216	2.3638	1.4150	9.2437	7.3470	10.7467	–		29
9.2765	0.86675	1.4094	2.3691	1.4160	9.3325	7.3469	10.7957	–	Nov	1
9.3230	0.87490	1.4021	2.3874	1.4168	9.3608	7.3440	10.8660	–		2
9.3240	0.87030	1.4058	2.3706	1.4136	9.3559	7.3432	10.8624	–		3
9.2550	0.87585	1.4056	2.3960	1.4269	9.4915	7.3445	11.0404	–		4
9.2910	0.86790	1.3865	2.3610	1.4100	9.3752	7.3560	10.9170	–		5
9.2940	0.86270	1.3770	2.3607	1.3960	9.2939	7.3495	10.7880	–		8
9.3083	0.86235	1.3726	2.3638	1.3931	9.2651	7.3558	10.8093	–		9
9.2975	0.85685	1.3766	2.3446	1.3832	9.1346	7.3655	10.6740	–		10
9.3102	0.84910	1.3682	2.3491	1.3742	9.0772	7.3727	10.6198	–		11
9.3582	0.85070	1.3835	2.3560	1.3851	9.1000	7.3805	10.6279	–		12
9.3690	0.84790	1.3822	2.3466	1.3749	9.0530	7.3960	10.5636	–		15
9.3753	0.85100	1.3874	2.3504	1.3817	9.0355	7.3941	10.5546	–		16
9.3980	0.84895	1.3801	2.3420	1.3778	8.9548	7.3926	10.4566	–		17
9.3573	0.85220	1.3812	2.3385	1.3895	9.0529	7.3945	10.5816	–		18
9.3945	0.85520	1.3903	2.3461	1.3957	9.0789	7.3953	10.6031	–		19
9.3855	0.85490	1.3817	2.3452	1.3865	9.0638	7.3960	10.5837	–		22
9.3865	0.84795	1.3789	2.3388	1.3799	8.9680	7.3970	10.4711	–		23
9.2923	0.84380	1.3632	2.3070	1.3556	8.8762	7.4110	10.3485	–		24
9.2705	0.84645	1.3595	2.2902	1.3454	8.8595	7.4150	10.3369	–		25
9.3070	0.84470	1.3715	2.2862	1.3523	8.8178	7.4218	10.2671	–		26
9.2205	0.84400	1.3662	2.2739	1.3429	8.7560	7.4275	10.2056	–		29
9.1715	0.83765	1.3595	2.2373	1.3306	8.6658	7.4260	10.0979	–		30
9.1540	0.83930	1.3615	2.2349	1.3360	8.7390	7.4243	10.1864	–	Dec	1
9.1531	0.84450	1.3614	2.2405	1.3291	8.7629	7.4225	10.2194	–		2
9.1265	0.84800	1.3508	2.2530	1.3269	8.8262	7.3775	10.2846	–		3
9.1115	0.84720	1.3454	2.2405	1.3366	8.8291	7.3753	10.3113	–		6
9.0980	0.84670	1.3419	2.2338	1.3386	8.8792	7.3832	10.3740	–		7
9.1484	0.83670	1.3480	2.2222	1.3361	8.7934	7.3836	10.2555	–		8
9.1310	0.83820	1.3432	2.2408	1.3354	8.7939	7.3860	10.2665	–		9
9.1077	0.83715	1.3399	2.2573	1.3371	8.8147	7.3900	10.2965	–		10
9.1464	0.84375	1.3390	2.2648	1.3359	8.8451	7.4175	10.3175	–		13
9.1284	0.84865	1.3433	2.2802	1.3531	8.9411	7.4040	10.4441	–		14
9.0798	0.85290	1.3436	2.2694	1.3440	8.8917	7.3898	10.3878	–		15
9.0381	0.84795	1.3373	2.2548	1.3297	8.8209	7.3905	10.2939	–		16
9.0223	0.85185	1.3428	2.2640	1.3358	8.8252	7.3878	10.3124	–		17
8.9860	0.84620	1.3232	2.2466	1.3316	8.7750	7.3843	10.2258	–		20
8.9795	0.85030	1.3183	2.2349	1.3410	8.7598	7.3864	10.2264	–		21
8.9812	0.84920	1.3143	2.2246	1.3322	8.7144	7.3914	10.1980	–		22
8.9630	0.84820	1.3049	2.2226	1.3273	8.6785	7.3900	10.1629	–		23
8.9885	0.84960	1.3052	2.2155	1.3236	8.6807	7.3870	10.1913	–		24
8.9771	0.85230	1.3113	2.2194	1.3240	8.7102	7.3878	10.2211	–		27
8.9968	0.85345	1.3038	2.2222	1.3221	8.7414	7.3879	10.2666	–		28
8.9885	0.85390	1.2975	2.2127	1.3155	8.6976	7.3848	10.2225	–		29
9.0133	0.86020	1.3079	2.2182	1.3275	8.7659	7.3855	10.3350	–		30
8.9655	0.86075	1.3136	2.2177	1.3322	8.8220	7.3830	10.3856	–		31

II Euro reference exchange rates of the European Central Bank *

1 Daily rates (cont'd)

EUR 1 = CU ...

		Other European and non-European countries (cont'd)							
		India	Indonesia	Japan	Korea, Republic of	Malaysia	Mexico	New Zealand	Norway
		Indian rupee INR	Indonesian rupiah IDR	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN	New Zealand dollar NZD	Norwegian krone NOK
2010 Sep	17	59.8530	11,713.52	111.98	1,515.90	4.0512	16.7075	1.7940	7.9650
	20	59.7650	11,737.59	112.07	1,518.87	4.0569	16.7020	1.7937	7.9540
	21	59.9160	11,760.82	112.05	1,521.07	4.0685	16.7411	1.7985	7.9295
	22	60.9330	11,956.81	113.14	1,537.58	4.1308	16.9589	1.8122	7.8965
	23	60.7355	11,940.92	112.49	1,537.65	4.1241	16.8776	1.8313	7.9195
	24	60.6980	12,010.22	113.20	1,540.60	4.1483	16.8626	1.8351	7.9475
	27	60.6730	12,058.01	113.52	1,545.27	4.1658	16.8463	1.8344	7.9145
	28	60.7850	12,054.77	113.22	1,545.00	4.1570	16.8842	1.8337	7.9670
	29	61.1500	12,151.22	113.85	1,551.99	4.1990	16.9450	1.8388	7.9670
	30	61.2470	12,173.44	113.68	1,550.65	4.2101	17.1258	1.8436	7.9680
Oct	1	61.0810	12,232.00	114.26	1,546.10	4.2352	17.1947	1.8550	8.0400
	4	61.0630	12,248.04	114.10	1,541.35	4.2376	17.2053	1.8456	8.0300
	5	61.5550	12,310.68	114.80	1,557.45	4.2670	17.2951	1.8515	8.0410
	6	61.5000	12,357.62	114.98	1,550.99	4.2870	17.2854	1.8423	8.0340
	7	61.7684	12,467.70	115.10	1,558.32	4.3195	17.4122	1.8445	8.0830
	8	61.6350	12,393.04	114.21	1,565.97	4.3220	17.4337	1.8598	8.1000
	11	61.9320	12,439.09	114.24	1,560.69	4.3223	17.2861	1.8523	8.1235
	12	61.7846	12,365.20	113.35	1,561.58	4.3000	17.2359	1.8334	8.1240
	13	62.0800	12,461.72	114.23	1,564.83	4.3172	17.2900	1.8407	8.1350
	14	62.2140	12,574.79	114.43	1,564.26	4.3473	17.4022	1.8538	8.0695
	15	62.1320	12,530.82	114.28	1,564.64	4.3443	17.4580	1.8565	8.0925
	18	61.6750	12,412.48	113.00	1,553.51	4.3036	17.3713	1.8442	8.1500
	19	61.5430	12,386.04	113.16	1,561.31	4.3081	17.2607	1.8491	8.1690
	20	61.5010	12,389.96	112.59	1,566.02	4.3267	17.2757	1.8489	8.1585
	21	62.0840	12,520.42	113.65	1,576.39	4.3534	17.3126	1.8637	8.1385
	22	62.1030	12,457.54	113.18	1,571.80	4.3390	17.2420	1.8636	8.1430
	25	62.2400	12,485.42	113.21	1,565.89	4.3405	17.2332	1.8623	8.0935
	26	61.9850	12,410.75	113.11	1,558.32	4.3079	17.2473	1.8549	8.1200
	27	61.4720	12,340.46	112.78	1,561.75	4.2960	17.1847	1.8500	8.1450
	28	61.6700	12,382.71	112.57	1,557.32	4.3088	17.1935	1.8459	8.1500
	29	61.5200	12,383.89	111.87	1,557.90	4.3090	17.1544	1.8280	8.1920
Nov	1	61.8871	12,424.86	111.94	1,556.66	4.3066	17.1951	1.8130	8.1455
	2	62.1700	12,511.26	113.18	1,559.75	4.3260	17.2419	1.8154	8.2030
	3	62.1240	12,497.56	113.67	1,555.48	4.3233	17.2162	1.8093	8.2080
	4	62.9370	12,661.75	115.15	1,571.18	4.3916	17.4046	1.7889	8.1480
	5	62.0000	12,541.46	114.41	1,561.00	4.3422	17.2163	1.7747	8.1190
	8	61.8200	12,396.12	112.88	1,549.24	4.3038	17.0462	1.7680	8.0850
	9	61.8555	12,421.33	112.44	1,551.58	4.3177	16.9759	1.7681	8.0770
	10	61.0080	12,243.64	113.48	1,530.02	4.2566	16.9259	1.7680	8.0760
	11	60.9310	12,206.66	112.78	1,520.57	4.2442	16.7769	1.7495	8.0910
	12	61.1800	12,235.68	112.59	1,545.35	4.2652	16.7919	1.7653	8.1330
	15	61.5420	12,212.30	113.31	1,547.22	4.2779	16.7797	1.7601	8.1355
	16	61.6800	12,197.34	113.21	1,539.11	4.2612	16.7370	1.7655	8.1670
	17	61.1678	12,140.18	112.50	1,545.54	4.2595	16.7125	1.7569	8.1850
	18	61.7250	12,203.70	113.72	1,542.77	4.2612	16.7858	1.7577	8.1620
	19	61.9855	12,255.28	114.09	1,546.70	4.2660	16.8213	1.7620	8.2000
	22	62.0050	12,192.05	113.97	1,542.35	4.2333	16.7585	1.7669	8.2070
	23	61.5200	12,129.30	112.50	1,576.84	4.2365	16.7259	1.7626	8.2070
	24	60.9700	11,959.96	111.28	1,532.62	4.1881	16.5844	1.7546	8.1445
	25	60.7000	11,944.66	111.35	1,524.67	4.1800	16.4481	1.7547	8.1275
	26	60.6430	11,919.98	110.92	1,539.23	4.1830	16.5244	1.7653	8.1770
	29	60.3950	11,867.78	110.73	1,523.23	4.1535	16.4621	1.7640	8.1285
	30	59.7400	11,765.09	109.00	1,510.51	4.1171	16.3190	1.7557	8.0910
Dec	1	59.4664	11,812.03	110.37	1,508.78	4.1338	16.2214	1.7589	8.0600
	2	59.5850	11,857.07	110.97	1,512.04	4.1400	16.3014	1.7553	8.0600
	3	59.7360	11,924.57	110.86	1,503.92	4.1698	16.3389	1.7519	8.0050
	6	59.6700	11,983.86	110.06	1,507.76	4.1790	16.4460	1.7469	7.9785
	7	59.6420	12,030.63	110.43	1,510.35	4.2027	16.4747	1.7450	7.9660
	8	59.5283	11,911.96	111.08	1,512.39	4.1514	16.5427	1.7630	7.9625
	9	59.7840	11,919.04	111.02	1,507.61	4.1591	16.4130	1.7710	7.9550
	10	59.6270	11,947.46	110.80	1,509.62	4.1518	16.4947	1.7628	7.9375
	13	59.9120	11,961.04	111.55	1,518.96	4.1658	16.4982	1.7630	7.9265
	14	60.3060	12,104.46	111.63	1,531.16	4.2000	16.6511	1.7788	7.8960
	15	60.5640	12,061.15	111.88	1,541.53	4.1990	16.5766	1.7861	7.8660
	16	60.0770	11,964.29	111.28	1,529.58	4.1540	16.4469	1.7921	7.8950
	17	60.1236	11,976.33	111.26	1,533.35	4.1524	16.4795	1.7976	7.8925
	20	59.7140	11,886.00	110.10	1,517.48	4.1372	16.3115	1.7718	7.8605
	21	59.5000	11,894.14	110.00	1,516.74	4.1173	16.3017	1.7666	7.8620
	22	59.1315	11,856.37	109.68	1,510.27	4.0985	16.1933	1.7650	7.8715
	23	58.9700	11,824.28	108.95	1,510.51	4.0675	16.1027	1.7531	7.8370
	24	59.0952	11,842.02	108.63	1,507.20	4.0548	16.1904	1.7508	7.8260
	27	59.4250	11,866.25	108.89	1,511.06	4.0656	16.2203	1.7569	7.8350
	28	59.4650	11,898.93	108.20	1,512.00	4.0832	16.2668	1.7450	7.8255
	29	59.1550	11,822.75	107.99	1,500.57	4.0518	16.2676	1.7272	7.8090
	30	59.6500	11,933.16	108.24	1,504.06	4.0900	16.4473	1.7207	7.8190
	31	59.7580	12,002.14	108.65	1,499.06	4.0950	16.5475	1.7200	7.8000

* See Explanatory notes, p 59.

II Euro reference exchange rates of the European Central Bank *

Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United States	Period
Philippine peso PHP	Russian rouble RUB	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY	US dollar USD	
57.700	40.4850	1.7442	9.3307	1.3210	40.153	1.9606	1.3060	2010 Sep 17
57.576	40.5500	1.7434	9.3300	1.3160	40.203	1.9562	1.3074	20
57.613	40.7955	1.7475	9.3273	1.3156	40.337	1.9595	1.3120	21
58.611	41.4560	1.7717	9.3793	1.3217	40.955	1.9849	1.3364	22
58.779	41.3557	1.7704	9.4350	1.3138	40.922	1.9861	1.3323	23
58.853	41.3740	1.7758	9.4450	1.3163	41.155	1.9900	1.3412	24
59.158	41.2235	1.7806	9.4390	1.3257	41.192	1.9876	1.3477	27
59.260	41.1500	1.7778	9.4482	1.3272	41.162	1.9830	1.3460	28
59.752	41.3725	1.7914	9.4699	1.3295	41.459	1.9817	1.3611	29
59.869	41.6923	1.7942	9.5438	1.3287	41.442	1.9806	1.3648	30
60.066	41.8000	1.8016	9.5121	1.3423	41.463	1.9856	1.3726	Oct 1
59.916	41.8045	1.8005	9.5480	1.3327	41.341	1.9817	1.3705	4
60.270	41.6400	1.8083	9.5759	1.3348	41.533	1.9889	1.3780	5
60.275	41.3600	1.8155	9.5445	1.3361	41.492	1.9650	1.3856	6
60.670	41.5745	1.8246	9.6183	1.3415	41.714	1.9823	1.3970	7
60.328	41.5930	1.8198	9.5991	1.3420	41.709	1.9782	1.3874	8
60.605	41.5750	1.8197	9.6019	1.3412	41.857	1.9680	1.3936	11
60.477	41.6800	1.8083	9.5572	1.3298	41.437	1.9659	1.3833	12
60.733	42.0055	1.8181	9.5766	1.3352	41.790	1.9723	1.3958	13
60.944	42.3188	1.8248	9.5642	1.3386	42.014	1.9762	1.4101	14
60.847	42.5650	1.8244	9.5833	1.3423	42.015	1.9808	1.4089	15
60.142	42.3575	1.8091	9.5700	1.3359	41.546	1.9748	1.3896	18
60.121	42.2900	1.8126	9.6507	1.3405	41.452	1.9775	1.3859	19
60.149	42.6950	1.8116	9.6280	1.3355	41.486	1.9811	1.3861	20
60.552	43.0028	1.8192	9.6623	1.3493	41.859	1.9907	1.4016	21
60.375	42.4507	1.8137	9.6876	1.3533	41.722	1.9896	1.3934	22
60.347	42.4705	1.8120	9.6931	1.3618	41.883	1.9845	1.4031	25
60.064	42.2875	1.8053	9.6340	1.3558	41.611	1.9785	1.3912	26
59.646	42.3172	1.7974	9.7120	1.3639	41.402	1.9834	1.3803	27
59.726	42.5500	1.7994	9.7451	1.3668	41.516	1.9869	1.3857	28
59.741	42.7523	1.7968	9.6827	1.3708	41.509	1.9887	1.3857	29
59.739	42.8993	1.7989	9.7495	1.3756	41.590	1.9872	1.3926	Nov 1
59.847	43.1555	1.8057	9.7440	1.3766	41.774	1.9830	1.4018	2
59.472	43.1885	1.8049	9.6805	1.3761	41.694	1.9768	1.4014	3
60.217	43.4300	1.8280	9.6600	1.3782	42.298	1.9830	1.4244	4
60.043	43.3100	1.8106	9.5882	1.3546	41.741	1.9674	1.4084	5
60.058	42.8150	1.7922	9.5560	1.3435	41.267	1.9621	1.3917	8
60.236	42.7017	1.7905	9.4949	1.3420	41.149	1.9623	1.3945	9
59.620	42.2800	1.7738	9.4791	1.3402	40.752	1.9488	1.3770	10
60.089	41.9220	1.7646	9.4674	1.3282	40.710	1.9540	1.3700	11
59.976	42.1700	1.7746	9.5260	1.3357	40.859	1.9620	1.3711	12
59.565	42.1962	1.7753	9.5393	1.3428	40.803	1.9726	1.3626	15
59.566	42.3215	1.7682	9.5426	1.3408	40.652	1.9801	1.3612	16
59.299	42.3173	1.7609	9.5263	1.3426	40.490	1.9691	1.3481	17
59.350	42.3910	1.7672	9.5363	1.3475	40.859	1.9747	1.3647	18
59.848	42.4630	1.7744	9.5667	1.3607	40.940	1.9785	1.3674	19
60.097	42.4125	1.7719	9.5498	1.3505	40.886	1.9718	1.3647	22
59.848	42.3040	1.7713	9.5464	1.3338	40.576	1.9920	1.3496	23
58.800	41.8130	1.7476	9.4755	1.3276	40.076	1.9755	1.3339	24
58.708	41.6510	1.7428	9.3897	1.3326	40.036	1.9660	1.3321	25
58.626	41.5390	1.7455	9.4290	1.3252	40.065	1.9707	1.3225	26
58.310	41.1575	1.7350	9.3852	1.3186	39.694	1.9745	1.3146	29
57.361	40.9545	1.7219	9.2714	1.2990	39.254	1.9645	1.2998	30
57.184	41.2445	1.7176	9.2045	1.3178	39.443	1.9610	1.3115	Dec 1
57.464	41.2985	1.7248	9.1788	1.3160	39.524	1.9600	1.3155	2
58.062	41.4745	1.7315	9.1605	1.3143	39.811	1.9813	1.3246	3
58.097	41.5395	1.7345	9.1756	1.3084	39.860	1.9722	1.3280	6
58.239	41.4672	1.7405	9.1887	1.3062	40.089	1.9714	1.3363	7
57.641	41.2400	1.7388	9.1717	1.3060	39.791	1.9735	1.3200	8
57.748	40.9135	1.7346	9.1401	1.3060	39.728	1.9883	1.3214	9
57.850	40.9198	1.7319	9.0684	1.2998	39.818	1.9847	1.3244	10
58.247	40.9723	1.7353	9.0900	1.2987	39.889	1.9970	1.3267	13
58.698	41.2450	1.7457	9.1663	1.2916	40.312	2.0196	1.3435	14
58.706	40.9375	1.7502	9.0686	1.2826	40.194	2.0277	1.3360	15
58.473	40.6740	1.7406	9.0519	1.2849	39.863	2.0223	1.3238	16
58.737	40.7185	1.7427	9.0581	1.2738	39.982	2.0371	1.3260	17
58.467	40.4550	1.7315	8.9648	1.2698	39.681	2.0470	1.3147	20
58.342	40.4468	1.7277	8.9584	1.2613	39.675	2.0479	1.3155	21
57.958	40.2825	1.7168	8.9211	1.2502	39.552	2.0355	1.3112	22
57.703	40.0035	1.7069	8.8216	1.2553	39.401	2.0302	1.3064	23
57.713	39.9415	1.7025	8.8353	1.2618	39.570	2.0289	1.3099	24
57.882	39.9191	1.7095	8.8290	1.2626	39.651	2.0356	1.3136	27
57.930	39.9350	1.7091	8.8242	1.2513	39.829	2.0564	1.3195	28
57.601	39.9949	1.7042	8.7855	1.2483	39.628	2.0545	1.3136	29
58.108	40.5432	1.7132	8.8030	1.2475	40.046	2.0636	1.3280	30
58.300	40.8200	1.7136	8.8625	1.2504	40.170	2.0694	1.3362	31

II Euro reference exchange rates of the European Central Bank *

2 Monthly averages +

EUR 1 = CU ...

		EU member countries										Other Euro-	
		Bulgaria	Czech Republic	Denmark	Estonia	Hungary	Latvia	Lithuania	Poland	Romania	Sweden	United Kingdom	Australia
Period		Bulgarian lev BGN	Czech koruna CZK	Danish krone DKK	Estonian kroon EEK	Hungarian forint HUF	Latvian lats LVL	Lithuanian litas LTL	Polish zloty PLN	Romanian leu RON	Swedish krona SEK	Pound sterling GBP	Australian dollar AUD
2006	Jan	1.9558	28.722	7.4613	15.6466	250.71	0.6960	3.4528	3.8201	3.6449	9.3111	0.68598	1.6152
	Feb	1.9558	28.407	7.4641	15.6466	251.57	0.6961	3.4528	3.7941	3.5393	9.3414	0.68297	1.6102
	Mar	1.9558	28.650	7.4612	15.6466	260.85	0.6961	3.4528	3.8837	3.5074	9.4017	0.68935	1.6540
	Apr	1.9558	28.501	7.4618	15.6466	265.47	0.6960	3.4528	3.9177	3.4892	9.3346	0.69463	1.6662
	May	1.9558	28.271	7.4565	15.6466	262.37	0.6960	3.4528	3.8954	3.5072	9.3310	0.68330	1.6715
	June	1.9558	28.386	7.4566	15.6466	272.39	0.6960	3.4528	4.0261	3.5501	9.2349	0.68666	1.7104
	July	1.9558	28.448	7.4602	15.6466	277.49	0.6960	3.4528	3.9962	3.5715	9.2170	0.68782	1.6869
	Aug	1.9558	28.194	7.4609	15.6466	274.41	0.6960	3.4528	3.9046	3.5271	9.2098	0.67669	1.6788
	Sep	1.9558	28.383	7.4601	15.6466	274.42	0.6961	3.4528	3.9649	3.5274	9.2665	0.67511	1.6839
	Oct	1.9558	28.290	7.4555	15.6466	267.10	0.6961	3.4528	3.9014	3.5191	9.2533	0.67254	1.6733
	Nov	1.9558	28.029	7.4564	15.6466	258.84	0.6970	3.4528	3.8248	3.4955	9.1008	0.67397	1.6684
	Dec	1.9558	27.778	7.4549	15.6466	253.97	0.6976	3.4528	3.8125	3.4137	9.0377	0.67286	1.6814
2007	Jan	1.9558	27.840	7.4539	15.6466	253.88	0.6975	3.4528	3.8795	3.3922	9.0795	0.66341	1.6602
	Feb	1.9558	28.233	7.4541	15.6466	253.30	0.7003	3.4528	3.8943	3.3823	9.1896	0.66800	1.6708
	Mar	1.9558	28.057	7.4494	15.6466	249.86	0.7088	3.4528	3.8859	3.3692	9.2992	0.68021	1.6704
	Apr	1.9558	28.015	7.4530	15.6466	246.00	0.7036	3.4528	3.8144	3.3338	9.2372	0.67934	1.6336
	May	1.9558	28.231	7.4519	15.6466	248.42	0.6965	3.4528	3.7819	3.2836	9.2061	0.68136	1.6378
	June	1.9558	28.546	7.4452	15.6466	250.29	0.6963	3.4528	3.8074	3.2243	9.3290	0.67562	1.5930
	July	1.9558	28.359	7.4410	15.6466	246.90	0.6969	3.4528	3.7682	3.1345	9.1842	0.67440	1.5809
	Aug	1.9558	27.860	7.4429	15.6466	255.20	0.6978	3.4528	3.8116	3.2246	9.3231	0.67766	1.6442
	Sep	1.9558	27.573	7.4506	15.6466	253.33	0.7021	3.4528	3.7891	3.3481	9.2835	0.68887	1.6445
	Oct	1.9558	27.335	7.4534	15.6466	251.02	0.7030	3.4528	3.7062	3.3537	9.1735	0.69614	1.5837
	Nov	1.9558	26.733	7.4543	15.6466	254.50	0.7005	3.4528	3.6575	3.4739	9.2889	0.70896	1.6373
	Dec	1.9558	26.317	7.4599	15.6466	253.18	0.6975	3.4528	3.6015	3.5351	9.4319	0.72064	1.6703
2008	Jan	1.9558	26.050	7.4505	15.6466	256.03	0.6982	3.4528	3.6092	3.6937	9.4314	0.74725	1.6694
	Feb	1.9558	25.377	7.4540	15.6466	262.15	0.6967	3.4528	3.5768	3.6557	9.3642	0.75094	1.6156
	Mar	1.9558	25.208	7.4561	15.6466	259.94	0.6970	3.4528	3.5363	3.7194	9.4020	0.77494	1.6763
	Apr	1.9558	25.064	7.4603	15.6466	253.75	0.6974	3.4528	3.4421	3.6428	9.3699	0.79487	1.6933
	May	1.9558	25.100	7.4609	15.6466	247.69	0.6987	3.4528	3.4038	3.6583	9.3106	0.79209	1.6382
	June	1.9558	24.316	7.4586	15.6466	242.42	0.7032	3.4528	3.3736	3.6556	9.3739	0.79152	1.6343
	July	1.9558	23.528	7.4599	15.6466	231.82	0.7035	3.4528	3.2591	3.5764	9.4566	0.79308	1.6386
	Aug	1.9558	24.287	7.4595	15.6466	235.88	0.7039	3.4528	3.2920	3.5271	9.3984	0.79279	1.6961
	Sep	1.9558	24.497	7.4583	15.6466	240.68	0.7060	3.4528	3.3747	3.6248	9.5637	0.79924	1.7543
	Oct	1.9558	24.768	7.4545	15.6466	260.15	0.7093	3.4528	3.5767	3.7479	9.8506	0.78668	1.9345
	Nov	1.9558	25.193	7.4485	15.6466	265.32	0.7092	3.4528	3.7326	3.7838	10.1275	0.83063	1.9381
	Dec	1.9558	26.120	7.4503	15.6466	265.02	0.7084	3.4528	4.0044	3.9227	10.7538	0.90448	2.0105
2009	Jan	1.9558	27.169	7.4519	15.6466	279.86	0.7043	3.4528	4.2300	4.2354	10.7264	0.91819	1.9633
	Feb	1.9558	28.461	7.4514	15.6466	298.30	0.7056	3.4528	4.6467	4.2864	10.9069	0.88691	1.9723
	Mar	1.9558	27.231	7.4509	15.6466	304.14	0.7083	3.4528	4.6210	4.2828	11.1767	0.91966	1.9594
	Apr	1.9558	26.774	7.4491	15.6466	295.26	0.7093	3.4528	4.4326	4.2041	10.8796	0.89756	1.8504
	May	1.9558	26.731	7.4468	15.6466	281.93	0.7092	3.4528	4.4103	4.1700	10.5820	0.88445	1.7831
	June	1.9558	26.545	7.4457	15.6466	280.46	0.7015	3.4528	4.5084	4.2131	10.8713	0.85670	1.7463
	July	1.9558	25.793	7.4458	15.6466	272.06	0.7006	3.4528	4.2965	4.2184	10.8262	0.86092	1.7504
	Aug	1.9558	25.646	7.4440	15.6466	270.05	0.7013	3.4528	4.1311	4.2183	10.2210	0.86265	1.7081
	Sep	1.9558	25.346	7.4428	15.6466	271.84	0.7039	3.4528	4.1584	4.2420	10.1976	0.89135	1.6903
	Oct	1.9558	25.861	7.4438	15.6466	268.49	0.7088	3.4528	4.2146	4.2871	10.3102	0.91557	1.6341
	Nov	1.9558	25.812	7.4415	15.6466	270.92	0.7088	3.4528	4.1646	4.2896	10.3331	0.89892	1.6223
	Dec	1.9558	26.089	7.4419	15.6466	273.22	0.7077	3.4528	4.1439	4.2284	10.4085	0.89972	1.6185
2010	Jan	1.9558	26.133	7.4424	15.6466	269.43	0.7088	3.4528	4.0703	4.1383	10.1939	0.88305	1.5624
	Feb	1.9558	25.979	7.4440	15.6466	271.21	0.7090	3.4528	4.0144	4.1196	9.9505	0.87604	1.5434
	Mar	1.9558	25.541	7.4416	15.6466	265.40	0.7083	3.4528	3.8906	4.0866	9.7277	0.90160	1.4882
	Apr	1.9558	25.308	7.4428	15.6466	265.53	0.7076	3.4528	3.8782	4.1306	9.6617	0.87456	1.4463
	May	1.9558	25.663	7.4413	15.6466	276.78	0.7075	3.4528	4.0567	4.1767	9.6641	0.85714	1.4436
	June	1.9558	25.780	7.4409	15.6466	281.49	0.7082	3.4528	4.1055	4.2434	9.5723	0.82771	1.4315
	July	1.9558	25.328	7.4522	15.6466	283.75	0.7090	3.4528	4.0814	4.2608	9.4954	0.83566	1.4586
	Aug	1.9558	24.806	7.4495	15.6466	281.45	0.7085	3.4528	3.9899	4.2396	9.4216	0.82363	1.4337
	Sep	1.9558	24.651	7.4476	15.6466	282.10	0.7091	3.4528	3.9548	4.2655	9.2241	0.83987	1.3943
	Oct	1.9558	24.531	7.4567	15.6466	274.01	0.7094	3.4528	3.9496	4.2787	9.2794	0.87638	1.4164
	Nov	1.9558	24.633	7.4547	15.6466	275.51	0.7094	3.4528	3.9520	4.2940	9.3166	0.85510	1.3813
	Dec	1.9558	25.174	7.4528	15.6466	277.62	0.7096	3.4528	3.9962	4.2929	9.0559	0.84813	1.3304

* See Explanatory notes, p 59. — + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. — 1 Up to December 2007, ECB indicative rates. — 2 The ECB has not fixed a euro

reference exchange rate for the Icelandic krona since 4 December 2008. — 3 Up to December 2008, ECB indicative rates.

II Euro reference exchange rates of the European Central Bank *

European and non-European countries											Period
Brazil Brazilian real BRL 1	Canada Canadian dollar CAD	China Chinese yuan renminbi CNY	Croatia Croatian kuna HRK	Hong Kong Hong Kong dollar HKD	Iceland Icelandic krona ISK 2	India Indian rupee INR 3	Indonesia Indonesian rupiah IDR	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW	Malaysia Malaysian ringgit MYR	
2.7525	1.4025	9.7630	7.3772	9.3851	74.58	53.6473	11,472.89	139.82	1,190.02	4.5425	2006 Jan
2.5791	1.3723	9.6117	7.3191	9.2640	76.57	52.8603	11,048.98	140.77	1,157.96	4.4487	Feb
2.5883	1.3919	9.6581	7.3300	9.3270	83.74	53.3767	11,009.15	140.96	1,171.84	4.4514	Mar
2.6142	1.4052	9.8361	7.3111	9.5182	91.94	55.0932	10,956.51	143.59	1,168.67	4.4918	Apr
2.7789	1.4173	10.2353	7.2731	9.9019	91.69	57.9107	11,536.41	142.70	1,202.04	4.6107	May
2.8508	1.4089	10.1285	7.2575	9.8210	94.38	58.1437	11,850.97	145.11	1,207.64	4.6364	June
2.7761	1.4303	10.1347	7.2509	9.8600	94.33	58.8833	11,582.39	146.70	1,205.89	4.6527	July
2.7635	1.4338	10.2141	7.2893	9.9627	90.08	59.5794	11,649.96	148.53	1,231.42	4.7078	Aug
2.7582	1.4203	10.0971	7.3945	9.9051	89.31	58.6211	11,646.15	148.99	1,212.64	4.6724	Sep
2.7110	1.4235	9.9651	7.3913	9.8189	86.29	57.2602	11,569.46	149.65	1,202.31	4.6390	Oct
2.7727	1.4635	10.1286	7.3482	10.0246	89.29	57.6853	11,772.03	151.11	1,205.01	4.6927	Nov
2.8418	1.5212	10.3356	7.3564	10.2704	91.59	58.8629	12,003.18	154.82	1,222.34	4.6909	Dec
2.7824	1.5285	10.1238	7.3711	10.1390	91.02	57.5090	11,796.04	156.56	1,217.83	4.5596	2007 Jan
2.7371	1.5309	10.1326	7.3612	10.2130	88.00	57.6025	11,855.46	157.60	1,225.25	4.5706	Feb
2.7671	1.5472	10.2467	7.3641	10.3464	88.69	57.9914	12,144.32	155.24	1,248.82	4.6212	Mar
2.7474	1.5334	10.4400	7.3967	10.5634	88.36	56.6413	12,290.98	160.68	1,257.99	4.6449	Apr
2.6805	1.4796	10.3689	7.3258	10.5642	85.12	54.9493	11,927.80	163.22	1,253.27	4.5962	May
2.5934	1.4293	10.2415	7.3313	10.4854	84.26	54.5950	12,056.30	164.55	1,245.39	4.6237	June
2.5803	1.4417	10.3899	7.2947	10.7247	83.16	55.3319	12,441.28	166.76	1,259.70	4.7184	July
2.6735	1.4420	10.3162	7.3161	10.6469	88.46	55.4819	12,765.65	159.05	1,273.37	4.7457	Aug
2.6455	1.4273	10.4533	7.3134	10.8151	88.59	55.8997	12,927.37	159.82	1,291.46	4.8249	Sep
2.5653	1.3891	10.6741	7.3284	11.0327	86.30	56.0591	12,945.80	164.95	1,301.67	4.8005	Oct
2.5920	1.4163	10.8957	7.3365	11.4211	89.34	57.7965	13,608.92	162.89	1,348.46	4.9279	Nov
2.6050	1.4620	10.7404	7.3178	11.3619	90.82	57.3607	13,620.45	163.55	1,356.79	4.8576	Dec
2.6111	1.4862	10.6568	7.3155	11.4863	94.50	57.7981	13,839.19	158.68	1,387.66	4.8090	2008 Jan
2.5516	1.4740	10.5682	7.2707	11.4996	98.06	58.5077	13,542.26	157.97	1,392.57	4.7548	Feb
2.6445	1.5519	10.9833	7.2662	12.0832	112.08	62.3968	14,241.09	156.59	1,523.14	4.9455	Mar
2.6602	1.5965	11.0237	7.2654	12.2728	116.65	62.9946	14,497.21	161.56	1,555.98	4.9819	Apr
2.5824	1.5530	10.8462	7.2539	12.1341	117.46	65.5590	14,436.99	162.31	1,613.18	5.0081	May
2.5185	1.5803	10.7287	7.2469	12.1425	123.28	66.5632	14,445.41	166.26	1,604.95	5.0666	June
2.5097	1.5974	10.7809	7.2297	12.3004	123.61	67.5111	14,442.77	168.45	1,604.58	5.1258	July
2.4103	1.5765	10.2609	7.1947	11.6932	122.07	64.3236	13,700.21	163.63	1,566.23	4.9843	Aug
2.5712	1.5201	9.8252	7.1223	11.1905	131.33	65.4115	13,430.23	153.20	1,630.26	4.9461	Sep
2.9112	1.5646	9.1071	7.1639	10.3368	274.64	64.5866	13,283.63	133.52	1,759.07	4.6895	Oct
2.8967	1.5509	8.6950	7.1366	9.8687	242.95	62.1436	14,984.85	123.28	1,783.12	4.5682	Nov
3.2266	1.6600	9.2205	7.2245	10.4240	290.00	65.1465	15,276.62	122.51	1,850.06	4.7755	Dec
3.0596	1.6233	9.0496	7.3603	10.2687	-	64.5104	14,802.07	119.73	1,801.97	4.7291	2009 Jan
2.9685	1.5940	8.7406	7.4309	9.9128	-	62.8849	15,233.33	118.30	1,843.90	4.6466	Feb
3.0198	1.6470	8.9210	7.4430	10.1138	-	66.8026	15,477.84	127.65	1,894.48	4.7949	Mar
2.9197	1.6188	9.0110	7.4172	10.2229	-	66.0471	14,552.65	130.25	1,760.14	4.7562	Apr
2.8232	1.5712	9.3157	7.3515	10.5807	-	66.1762	14,137.45	131.85	1,710.18	4.8057	May
2.7391	1.5761	9.5786	7.2954	10.8638	-	66.9191	14,315.40	135.39	1,768.80	4.9305	June
2.7221	1.5824	9.6246	7.3307	10.9182	-	68.2333	14,241.51	133.09	1,778.43	4.9963	July
2.6314	1.5522	9.7485	7.3287	11.0587	-	68.9570	14,270.78	135.31	1,768.99	5.0185	Aug
2.6520	1.5752	9.9431	7.3102	11.2858	-	70.4154	14,346.84	133.14	1,768.58	5.0862	Sep
2.5771	1.5619	10.1152	7.2419	11.4828	-	69.2160	14,057.25	133.91	1,739.94	5.0425	Oct
2.5777	1.5805	10.1827	7.2952	11.5588	-	69.4421	14,115.45	132.97	1,735.17	5.0553	Nov
2.5566	1.5397	9.9777	7.2907	11.3296	-	68.0924	13,830.84	131.21	1,703.03	4.9859	Dec
2.5383	1.4879	9.7436	7.2938	11.0783	-	65.5361	13,263.60	130.34	1,624.76	4.8170	2010 Jan
2.5237	1.4454	9.3462	7.3029	10.6305	-	63.4291	12,786.05	123.46	1,582.70	4.6743	Feb
2.4233	1.3889	9.2623	7.2616	10.5313	-	61.7352	12,434.53	123.03	1,542.59	4.5083	Mar
2.3550	1.3467	9.1505	7.2594	10.4065	-	59.6203	12,101.70	125.33	1,494.53	4.2935	Apr
2.2750	1.3060	8.5794	7.2630	9.7843	-	57.6166	11,517.01	115.83	1,465.81	4.0874	May
2.2057	1.2674	8.3245	7.2225	9.5091	-	56.8582	11,169.39	110.99	1,483.22	3.9853	June
2.2600	1.3322	8.6538	7.2198	9.9308	-	59.8100	11,546.78	111.73	1,538.85	4.0924	July
2.2691	1.3411	8.7520	7.2525	10.0193	-	60.0584	11,573.26	110.04	1,522.39	4.0654	Aug
2.2476	1.3515	8.8104	7.2874	10.1470	-	60.0771	11,716.16	110.26	1,517.10	4.0570	Sep
2.3378	1.4152	9.2665	7.3277	10.7835	-	61.7399	12,407.16	113.67	1,560.30	4.3092	Oct
2.3391	1.3831	9.0895	7.3830	10.5941	-	61.4539	12,224.00	112.69	1,544.16	4.2588	Nov
2.2387	1.3327	8.7873	7.3913	10.2776	-	59.6472	11,925.21	110.11	1,513.74	4.1313	Dec

II Euro reference exchange rates of the European Central Bank *

2 Monthly averages + (cont'd)

EUR 1 = CU ...

Other European and non-European countries (cont'd)											
	Mexico	New Zealand	Norway	Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United States
Period	Mexican peso MXN 1	New Zealand dollar NZD	Norwegian krone NOK	Philippine peso PHP	Russian rouble RUB	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira 2 TRY	US dollar USD
2006 Jan	12.7752	1.7616	8.0366	63.590	34.3284	1.9761	7.3811	1.5494	47.965	1.6158	1.2103
Feb	12.5198	1.7741	8.0593	61.776	33.6802	1.9448	7.3079	1.5580	47.014	1.5830	1.1938
Mar	12.9188	1.8956	7.9775	61.499	33.4973	1.9486	7.5171	1.5691	46.836	1.6071	1.2020
Apr	13.5388	1.9733	7.8413	63.077	33.7987	1.9643	7.4656	1.5748	46.619	1.6381	1.2271
May	14.1604	2.0240	7.7988	66.622	34.5386	2.0133	8.0859	1.5564	48.534	1.8400	1.2770
June	14.4093	2.0462	7.8559	67.259	34.1587	2.0129	8.8431	1.5601	48.541	2.0258	1.2650
July	13.9392	2.0551	7.9386	66.291	34.1393	2.0083	8.9892	1.5687	48.197	1.9712	1.2684
Aug	13.9359	2.0220	7.9920	65.712	34.2755	2.0185	8.9034	1.5775	48.192	1.8802	1.2811
Sep	13.9736	1.9453	8.2572	64.029	34.0549	2.0101	9.4553	1.5841	47.640	1.8870	1.2727
Oct	13.7479	1.9066	8.3960	63.022	33.8849	1.9905	9.6481	1.5898	47.068	1.8654	1.2611
Nov	14.0612	1.9263	8.2446	64.186	34.2602	2.0049	9.3616	1.5922	47.049	1.8786	1.2881
Dec	14.3450	1.9094	8.1575	65.274	34.7316	2.0354	9.3092	1.5969	47.224	1.8920	1.3213
2007 Jan	14.2315	1.8699	8.2780	63.552	34.4578	1.9983	9.3440	1.6155	45.850	1.8536	1.2999
Feb	14.3697	1.8859	8.0876	63.167	34.4060	2.0049	9.3797	1.6212	44.434	1.8260	1.3074
Mar	14.7187	1.8952	8.1340	64.069	34.5680	2.0186	9.7417	1.6124	43.320	1.8659	1.3242
Apr	14.8496	1.8394	8.1194	64.421	34.9054	2.0476	9.6089	1.6375	44.010	1.8362	1.3516
May	14.6202	1.8441	8.1394	63.136	34.8999	2.0581	9.4855	1.6506	44.507	1.8029	1.3511
June	14.5434	1.7738	8.0590	61.968	34.7739	2.0619	9.6198	1.6543	43.492	1.7728	1.3419
July	14.8200	1.7446	7.9380	62.418	35.0292	2.0789	9.5712	1.6567	41.870	1.7574	1.3716
Aug	15.0491	1.8786	7.9735	62.862	34.9211	2.0744	9.8391	1.6383	43.337	1.7921	1.3622
Sep	15.3293	1.9358	7.8306	63.911	35.1723	2.1009	9.8912	1.6475	44.570	1.7536	1.3896
Oct	15.4044	1.8739	7.6963	62.894	35.4008	2.0849	9.6371	1.6706	44.898	1.7089	1.4227
Nov	15.9776	1.9231	7.9519	63.271	35.9174	2.1242	9.8553	1.6485	46.120	1.7498	1.4684
Dec	15.8096	1.8930	8.0117	60.556	35.7927	2.1108	9.9626	1.6592	44.153	1.7195	1.4570
2008 Jan	16.0639	1.9054	7.9566	60.079	36.0300	2.1062	10.3101	1.6203	44.758	1.7322	1.4718
Feb	15.8786	1.8513	7.9480	59.845	36.1357	2.0808	11.2899	1.6080	46.085	1.7632	1.4748
Mar	16.6678	1.9344	7.9717	64.031	36.8259	2.1489	12.3712	1.5720	48.848	1.9309	1.5527
Apr	16.5608	1.9960	7.9629	65.790	37.0494	2.1493	12.2729	1.5964	49.752	2.0500	1.5751
May	16.2402	2.0011	7.8648	66.895	36.9042	2.1259	11.8696	1.6247	49.942	1.9408	1.5557
June	16.0617	2.0424	7.9915	68.903	36.7723	2.1278	12.3467	1.6139	51.649	1.9206	1.5553
July	16.1119	2.0900	8.0487	70.694	36.8261	2.1438	12.0328	1.6193	52.821	1.9128	1.5770
Aug	15.1269	2.1097	7.9723	67.307	36.2502	2.1024	11.4680	1.6212	50.697	1.7669	1.4975
Sep	15.2805	2.1293	8.1566	67.113	36.3727	2.0549	11.5899	1.5942	49.264	1.7843	1.4370
Oct	16.8177	2.1891	8.5928	63.882	35.2144	1.9666	12.9341	1.5194	45.872	1.9612	1.3322
Nov	16.6735	2.2554	8.8094	62.496	34.7964	1.9183	12.8785	1.5162	44.677	2.0342	1.2732
Dec	18.0764	2.4119	9.4228	64.505	37.8999	1.9888	13.4275	1.5393	47.107	2.0894	1.3449
2009 Jan	18.3762	2.4132	9.2164	62.354	42.3282	1.9742	13.1255	1.4935	46.218	2.1233	1.3239
Feb	18.6536	2.4851	8.7838	60.832	45.8079	1.9411	12.8005	1.4904	45.156	2.1280	1.2785
Mar	19.1278	2.4527	8.8388	63.105	45.1451	1.9949	12.9870	1.5083	46.667	2.2340	1.3050
Apr	17.7645	2.3123	8.7867	63.462	44.2135	1.9823	11.8784	1.5147	46.741	2.1277	1.3190
May	17.9969	2.2663	8.7943	64.600	43.5678	1.9939	11.4475	1.5118	47.241	2.1251	1.3650
June	18.6813	2.1967	8.9388	67.036	43.5553	2.0357	11.2718	1.5148	47.844	2.1675	1.4016
July	18.8143	2.1873	8.9494	67.724	44.3881	2.0421	11.2007	1.5202	47.969	2.1378	1.4088
Aug	18.5571	2.1097	8.6602	68.803	45.1972	2.0577	11.3415	1.5236	48.543	2.1236	1.4268
Sep	19.5255	2.0691	8.5964	69.967	44.7624	2.0720	10.9495	1.5148	49.239	2.1711	1.4562
Oct	19.5856	2.0065	8.3596	69.419	43.6188	2.0714	11.0938	1.5138	49.504	2.1823	1.4816
Nov	19.5478	2.0450	8.4143	70.165	43.1835	2.0711	11.2134	1.5105	49.634	2.2262	1.4914
Dec	18.7787	2.0383	8.4066	67.706	43.9019	2.0392	10.9261	1.5021	48.544	2.2013	1.4614
2010 Jan	18.2820	1.9646	8.1817	65.702	42.5749	1.9930	10.6492	1.4765	47.150	2.1028	1.4272
Feb	17.7154	1.9615	8.0971	63.317	41.2845	1.9326	10.4964	1.4671	45.360	2.0756	1.3686
Mar	17.0587	1.9301	8.0369	61.999	40.1219	1.8990	10.0589	1.4482	44.111	2.0821	1.3569
Apr	16.3957	1.8814	7.9323	59.788	39.1335	1.8505	9.8658	1.4337	43.279	1.9983	1.3406
May	15.9856	1.8010	7.8907	57.315	38.2707	1.7503	9.6117	1.4181	40.714	1.9459	1.2565
June	15.5346	1.7667	7.9062	56.594	38.1507	1.7081	9.3398	1.3767	39.635	1.9274	1.2209
July	16.3699	1.7925	8.0201	59.072	39.1317	1.7588	9.6351	1.3460	41.273	1.9669	1.2770
Aug	16.4571	1.8059	7.9325	58.245	39.1898	1.7482	9.4192	1.3413	40.937	1.9484	1.2894
Sep	16.7361	1.7955	7.9156	57.772	40.2564	1.7439	9.3236	1.3089	40.264	1.9528	1.3067
Oct	17.2845	1.8498	8.1110	60.285	42.1471	1.8116	9.6165	1.3452	41.636	1.9800	1.3898
Nov	16.8386	1.7703	8.1463	59.485	42.3360	1.7739	9.5320	1.3442	40.826	1.9717	1.3661
Dec	16.3797	1.7587	7.9020	58.050	40.7385	1.7262	9.0143	1.2811	39.805	2.0159	1.3220

* See Explanatory notes, p 59. — + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. — 1 Up to December 2007, ECB indicative rates. — 2 Up to end-2008, New Turkish lira.

II Euro reference exchange rates of the European Central Bank *

3 End of year

EUR 1 = CU ...

Period	EU member countries									
	Bulgaria Bulgarian lev BGN	Cyprus Cyprus pound CYP 1	Czech Republic Czech koruna CZK	Denmark Danish krone DKK	Estonia Estonian kroon EEK	Greece Greek drachma GRD 1	Hungary Hungarian forint HUF	Latvia Latvian lats LVL 2	Lithuania Lithuanian litas LTL 2	Malta Maltese lira MTL 1 2
1999	.	0.57667	36.103	7.4433	15.6466	330.30	254.70	0.5881	4.0169	0.4151
2000	1.9543	0.57369	35.047	7.4631	15.6466	340.75	265.00	0.5764	3.7229	0.4075
2001	1.9463	0.57504	31.962	7.4365	15.6466	—	245.18	0.5563	3.5228	0.3994
2002	1.9546	0.57316	31.577	7.4288	15.6466	—	236.29	0.6140	3.4525	0.4182
2003	1.9557	0.58637	32.410	7.4450	15.6466	—	262.50	0.6725	3.4524	0.4317
2004	1.9559	0.58000	30.464	7.4388	15.6466	—	245.97	0.6979	3.4528	0.4343
2005	1.9563	0.57350	29.000	7.4605	15.6466	—	252.87	0.6962	3.4528	0.4293
2006	1.9558	0.57820	27.485	7.4560	15.6466	—	251.77	0.6972	3.4528	0.4293
2007	1.9558	0.585274	26.628	7.4583	15.6466	—	253.73	0.6964	3.4528	0.4293
2008	1.9558	—	26.875	7.4506	15.6466	—	266.70	0.7083	3.4528	—
2009	1.9558	—	26.473	7.4418	15.6466	—	270.42	0.7093	3.4528	—
2010	1.9558	—	25.061	7.4535	15.6466	—	277.95	0.7094	3.4528	—

Period	EU member countries (cont'd)					Other European and non-European countries				
	Poland Polish zloty PLN	Romania Romanian Leu (old)/(new) ROL/RON 2 3	Slovakia Slovak koruna SKK 1 2	Slovenia Slovenian tolar SIT 1	Sweden Swedish krona SEK	United Kingdom Pound sterling GBP	Australia Australian dollar AUD	Brazil Brazilian real BRL 4	Canada Canadian dollar CAD	China Chinese yuan renminbi CNY 5
1999	4.1587	18,345	42.402	198.9055	8.5625	0.62170	1.5422	—	1.4608	.
2000	3.8498	24,142	43.933	213.5401	8.8313	0.62410	1.6770	1.8149	1.3965	7.7017
2001	3.4953	27,817	42.780	218.8364	9.3012	0.60850	1.7280	2.0465	1.4077	7.2945
2002	4.0210	35,135	41.503	230.1577	9.1528	0.65050	1.8556	3.7124	1.6550	8.6801
2003	4.7019	41,158	41.170	236.7000	9.0800	0.70480	1.6802	3.6698	1.6234	10.4539
2004	4.0845	39,390	38.745	239.7600	9.0206	0.70505	1.7459	3.6201	1.6416	11.2741
2005	3.8600	3 3.6802	37.880	239.5000	9.3885	0.68530	1.6109	2.7462	1.3725	9.5204
2006	3.8310	3.3835	34.435	239.6400	9.0404	0.67150	1.6691	2.8141	1.5281	10.2793
2007	3.5935	3.6077	33.583	—	9.4415	0.73335	1.6757	2.5914	1.4449	10.7524
2008	4.1535	4.0225	30.126	—	10.8700	0.95250	2.0274	3.2436	1.6998	9.4956
2009	4.1045	4.2363	—	—	10.2520	0.88810	1.6008	2.5113	1.5128	9.8350
2010	3.9750	4.2620	—	—	8.9655	0.86075	1.3136	2.2177	1.3322	8.8220

Period	Other European and non-European countries (cont'd)									
	Croatia Croatian kuna HRK 5	Hong Kong Hong Kong dollar HKD 2	Iceland Icelandic krona ISK 2 6	India Indian rupee INR 7	Indonesia Indonesian rupiah IDR 5	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW 2	Malaysia Malaysian ringgit MYR 5	Mexico Mexican peso MXN 4	New Zealand New Zealand dollar NZD
1999	.	7.8033	72.83	.	7,052.77	102.73	1,137.28	3.8148	9.5320	1.9357
2000	7.5800	7.2578	78.80	43.4290	9,077.75	106.92	1,177.08	3.5380	8.9255	2.1120
2001	7.3490	6.8723	91.48	42.4950	9,227.43	115.33	1,161.55	3.3475	8.0466	2.1215
2002	7.4750	8.1781	84.74	50.2930	9,387.21	124.39	1,243.76	3.9857	10.9605	1.9975
2003	7.6451	9.8049	89.46	57.5780	10,643.10	135.05	1,506.32	4.8019	14.1807	1.9244
2004	7.6650	10.5881	83.60	59.2590	12,653.91	139.65	1,410.05	5.1802	15.2235	1.8871
2005	7.3715	9.1474	74.57	53.1130	11,596.45	138.90	1,184.42	4.4584	12.5945	1.7270
2006	7.3504	10.2409	93.13	58.2180	11,844.44	156.93	1,224.81	4.6490	14.2899	1.8725
2007	7.3308	11.4800	91.90	57.8620	13,826.70	164.93	1,377.96	4.8682	16.0732	1.9024
2008	7.3555	10.7858	6	67.4370	15,239.12	126.14	1,839.13	4.8048	19.2333	2.4191
2009	7.3000	11.1709	—	67.0400	13,626.13	133.16	1,666.97	4.9326	18.9223	1.9803
2010	7.3830	10.3856	—	59.7580	12,002.14	108.65	1,499.06	4.0950	16.5475	1.7200

Period	Other European and non-European countries (cont'd)									
	Norway Norwegian krona NOK	Philippines Philippine peso PHP 5	Russian Federation Russian rouble RUB 5	Singapore Singapore dollar SGD 2	South Africa South African rand ZAR 2	Switzerland Swiss franc CHF	Thailand Thai baht THB 5	Turkey Turkish lira / New Turkish lira TRL / TRY 2 8	United States US dollar USD	
1999	8.0765	40.407	27.6689	1.6718	6.1870	1.6051	37.598	544,641	1.0046	
2000	8.2335	46.562	26.6746	1.6126	7.0392	1.5232	40.291	624,267	0.9305	
2001	7.9515	45.437	26.8631	1.6306	10.4302	1.4829	38.945	1,269,500	0.8813	
2002	7.2756	56.318	33.5108	1.8199	9.0094	1.4524	45.237	1,738,000	1.0487	
2003	8.4141	70.171	36.9555	2.1450	8.3276	1.5579	50.041	1,771,638	1.2630	
2004	8.2365	76.510	37.7879	2.2262	7.6897	1.5429	53.042	1,836,200	1.3621	
2005	7.9850	62.719	33.9200	1.9628	7.4642	1.5551	48.437	8 1.5924	1.1797	
2006	8.2380	64.546	34.6800	2.0202	9.2124	1.6069	46.770	1.8640	1.3170	
2007	7.9580	60.724	35.9860	2.1163	10.0298	1.6547	43.800	1.7170	1.4721	
2008	9.7500	65.930	41.2830	2.0040	13.0667	1.4850	48.285	2.1488	1.3917	
2009	8.3000	66.507	43.1540	2.0194	10.6660	1.4836	47.986	2.1547	1.4406	
2010	7.8000	58.300	40.8200	1.7136	8.8625	1.2504	40.170	2.0694	1.3362	

* See Explanatory notes, p 59. — 1 Accession to the euro area, see p 7 (Table I 1). — 2 Up to September 2000, ECB indicative rates. — 3 Currency conversion effective from 1 July 2005: ROL 10,000 = RON 1. — 4 Up to December 2007, ECB indicative rates. — 5 Up to March 2005, ECB indicative rates. — 6 The ECB has not fixed a euro reference exchange rate for the

Icelandic krona since 4 December 2008. — 7 Up to December 2008, ECB indicative rates. — 8 Currency conversion effective from 1 January 2005: 1,000,000 Turkish lira (TRL) = 1 New Turkish lira (TRY), designated as Turkish lira (TRY) since 1 January 2009.

II Euro reference exchange rates of the European Central Bank *

4 Annual averages +

EUR 1 = CU ...

Period	EU member countries									
	Bulgaria Bulgarian lev BGN 1	Cyprus Cyprus pound CYP 2	Czech Republic Czech koruna CZK	Denmark Danish krone DKK	Estonia Estonian kroon EEK	Greece Greek drachma GRD 2	Hungary Hungarian forint HUF	Latvia Latvian lats LVL 1	Lithuania Lithuanian litas LTL 1	Malta Maltese lira MTL 1 2
1999	.	0.57884	36.884	7.4355	15.6466	325.76	252.77	0.6256	4.2641	0.4258
2000	3 1.9477	0.57392	35.599	7.4538	15.6466	336.63	260.04	0.5592	3.6952	0.4041
2001	1.9482	0.57589	34.068	7.4521	15.6466	—	256.59	0.5601	3.5823	0.4030
2002	1.9492	0.57530	30.804	7.4305	15.6466	—	242.96	0.5810	3.4594	0.4089
2003	1.9490	0.58409	31.846	7.4307	15.6466	—	253.62	0.6407	3.4527	0.4261
2004	1.9533	0.58185	31.891	7.4399	15.6466	—	251.66	0.6652	3.4529	0.4280
2005	1.9558	0.57683	29.782	7.4518	15.6466	—	248.05	0.6962	3.4528	0.4299
2006	1.9558	0.57578	28.342	7.4591	15.6466	—	264.26	0.6962	3.4528	0.4293
2007	1.9558	0.58263	27.766	7.4506	15.6466	—	251.35	0.7001	3.4528	0.4293
2008	1.9558	—	24.946	7.4560	15.6466	—	251.51	0.7027	3.4528	—
2009	1.9558	—	26.435	7.4462	15.6466	—	280.33	0.7057	3.4528	—
2010	1.9558	—	25.284	7.4473	15.6466	—	275.48	0.7087	3.4528	—

Period	EU member countries (cont'd)					Other European and non-European countries				
	Poland Polish zloty PLN	Romania Romanian Leu (old)/(new) ROL/RON 1 4	Slovakia Slovak koruna SKK 1 2	Slovenia Slovenian tolar SIT 2	Sweden Swedish krona SEK	United Kingdom Pound sterling GBP	Australia Australian dollar AUD	Brazil Brazilian real BRL 5	Canada Canadian dollar CAD	China Chinese yuan renminbi CNY 6
1999	4.2274	16.345	44.123	194.4732	8.8075	0.65874	1.6523	.	1.5840	.
2000	4.0082	19.922	42.602	206.6127	8.4452	0.60948	1.5889	7 1.6821	1.3706	7 7.6168
2001	3.6721	26.004	43.300	217.9797	9.2551	0.62187	1.7319	2.1069	1.3864	7.4131
2002	3.8574	31.270	42.694	225.9772	9.1611	0.62883	1.7376	2.7896	1.4838	7.8265
2003	4.3996	37.551	41.489	233.8493	9.1242	0.69199	1.7379	3.4701	1.5817	9.3626
2004	4.5268	40.510	40.022	239.0874	9.1243	0.67866	1.6905	3.6362	1.6167	10.2967
2005	4.0230	4 3.6209	38.599	239.5681	9.2822	0.68380	1.6320	3.0360	1.5087	10.1955
2006	3.8959	3.5258	37.234	239.5961	9.2544	0.68173	1.6668	2.7333	1.4237	10.0096
2007	3.7837	3.3353	33.775	—	9.2501	0.68434	1.6348	2.6633	1.4678	10.4178
2008	3.5121	3.6826	31.262	—	9.6152	0.79628	1.7416	2.6737	1.5594	10.2236
2009	4.3276	4.2399	—	—	10.6191	0.89094	1.7727	2.7674	1.5850	9.5277
2010	3.9947	4.2122	—	—	9.5373	0.85784	1.4423	2.3314	1.3651	8.9712

Period	Other European and non-European countries (cont'd)									
	Croatia Croatian kuna HRK 6	Hong Kong Hong Kong dollar HKD 1	Iceland Icelandic krona ISK 1 8	India Indian rupee INR 9	Indonesia Indonesian rupiah IDR 6	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW 1	Malaysia Malaysian ringgit MYR 6	Mexico Mexican peso MXN 5	New Zealand New Zealand dollar NZD
1999	.	8.2694	77.18	.	8,386.62	121.32	1,267.26	4.0498	10.1945	2.0145
2000	7 7.6410	7.1973	72.58	7 41.3561	7,731.57	99.47	1,043.50	3.5101	8.7361	2.0288
2001	7.4820	6.9855	87.42	42.2471	9,167.71	108.68	1,154.83	3.4036	8.3710	2.1300
2002	7.4130	7.3750	86.18	45.9248	8,785.12	118.06	1,175.50	3.5933	9.1628	2.0366
2003	7.5688	8.8079	86.65	52.6100	9,685.54	130.97	1,346.90	4.2983	12.2144	1.9438
2004	7.4967	9.6881	87.14	56.3008	11,127.34	134.44	1,422.62	4.7273	14.0386	1.8731
2005	7.4008	9.6768	78.23	54.8117	12,072.83	136.85	1,273.61	4.7119	13.5643	1.7660
2006	7.3247	9.7545	87.76	56.8435	11,512.37	146.02	1,198.58	4.6044	13.6936	1.9373
2007	7.3376	10.6912	87.63	56.4186	12,528.33	161.25	1,272.99	4.7076	16.9743	1.8627
2008	7.2239	11.4541	8 143.83	63.6143	14,165.16	152.45	1,606.09	4.8893	14.2911	2.0770
2009	7.3400	10.8114	—	67.3611	14,443.74	130.34	1,772.90	4.9079	18.7989	2.2121
2010	7.2891	10.2994	—	60.5878	12,041.70	116.24	1,531.82	4.2668	16.7373	1.8377

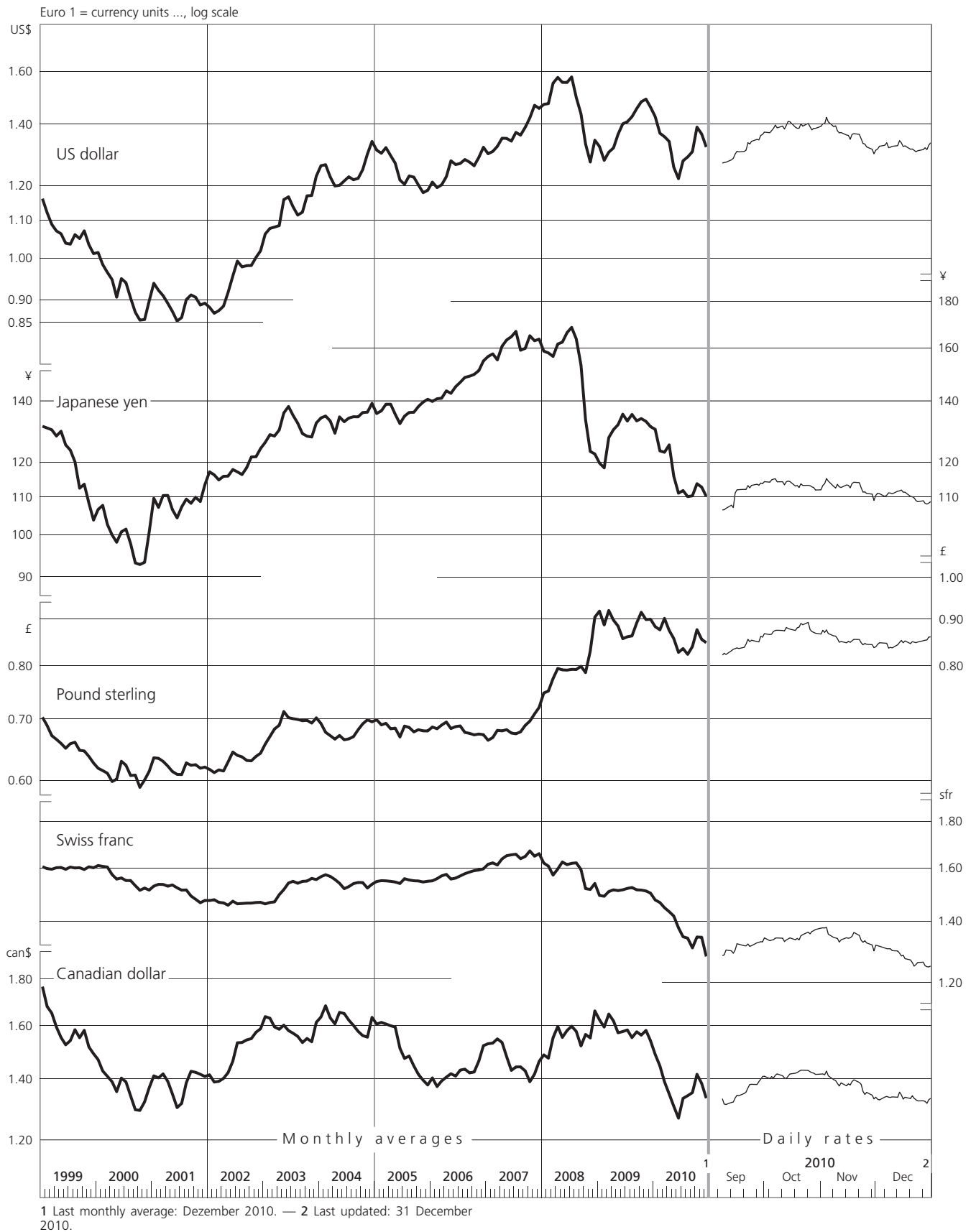
Period	Other European and non-European countries (cont'd)								
	Norway Norwegian krone NOK	Philippines Philippine peso PHP 6	Russian Federation Russian rouble RUB 6	Singapore Singapore dollar SGD 1	South Africa South African rand ZAR 1	Switzerland Swiss franc CHF	Thailand Thai baht THB 6	Turkey Turkish lira / New Turkish lira TRL / TRY 1 10	United States US dollar USD
1999	8.3104	41.675	26.5187	1.8064	6.5188	1.6003	40.335	447,238	1.0658
2000	8.1129	40.737	26.0182	1.5923	6.3899	1.5579	37.032	574,816	0.9236
2001	8.0484	45.660	26.1510	1.6039	7.6873	1.5105	39.841	1,102,425	0.8956
2002	7.5086	48.837	29.7028	1.6912	9.9072	1.4670	40.637	1,439,680	0.9456
2003	8.0033	61.336	34.6699	1.9703	8.5317	1.5212	46.923	1,694,851	1.1312
2004	8.3697	69.727	35.8192	2.1016	8.0092	1.5438	50.077	1,777,052	1.2439
2005	8.0092	68.494	35.1884	2.0702	7.9183	1.5483	50.068	10 1.6771	1.2441
2006	8.0472	64.379	34.1117	1.9941	8.5312	1.5729	47.594	1.8090	1.2556
2007	8.0165	63.026	35.0183	2.0636	9.6596	1.6427	44.214	1.7865	1.3705
2008	8.2237	65.172	36.4207	2.0762	12.0590	1.5874	48.475	1.9064	1.4708
2009	8.7278	66.338	44.1376	2.0241	11.6737	1.5100	47.804	2.1631	1.3948
2010	8.0043	59.739	40.2629	1.8055	9.6984	1.3803	42.014	1.9965	1.3257

* See Explanatory notes, p 59. — + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. — 1 Up to September 2000, ECB indicative rates. — 2 Accession to the euro area, see p 7 (Table I 1). — 3 Average from 19 July to 29 December 2000. — 4 Currency conversion effective from 1 July 2005: ROL 10,000 = RON 1; to calculate the annual average for 2005, the rates set in (old) Romanian lei were converted at a rate of 10,000:1 and included in the calculation. — 5 Up

to December 2007, ECB indicative rates. — 6 Up to March 2005, ECB indicative rates. — 7 Average from 13 January to 29 December 2000. — 8 The ECB has not fixed a euro reference exchange rate for the Icelandic krona since 4 December 2008. — 9 Up to December 2008, ECB indicative rates. — 10 Currency conversion effective from 1 January 2005: 1,000,000 Turkish lira (TRL) = 1 New Turkish lira (TRY), designated as Turkish lira (TRY) since 1 January 2009.

II Euro reference exchange rates of the European Central Bank

5 Exchange rates of major currencies



III Effective exchange rates of the euro *

1 Annual and monthly averages

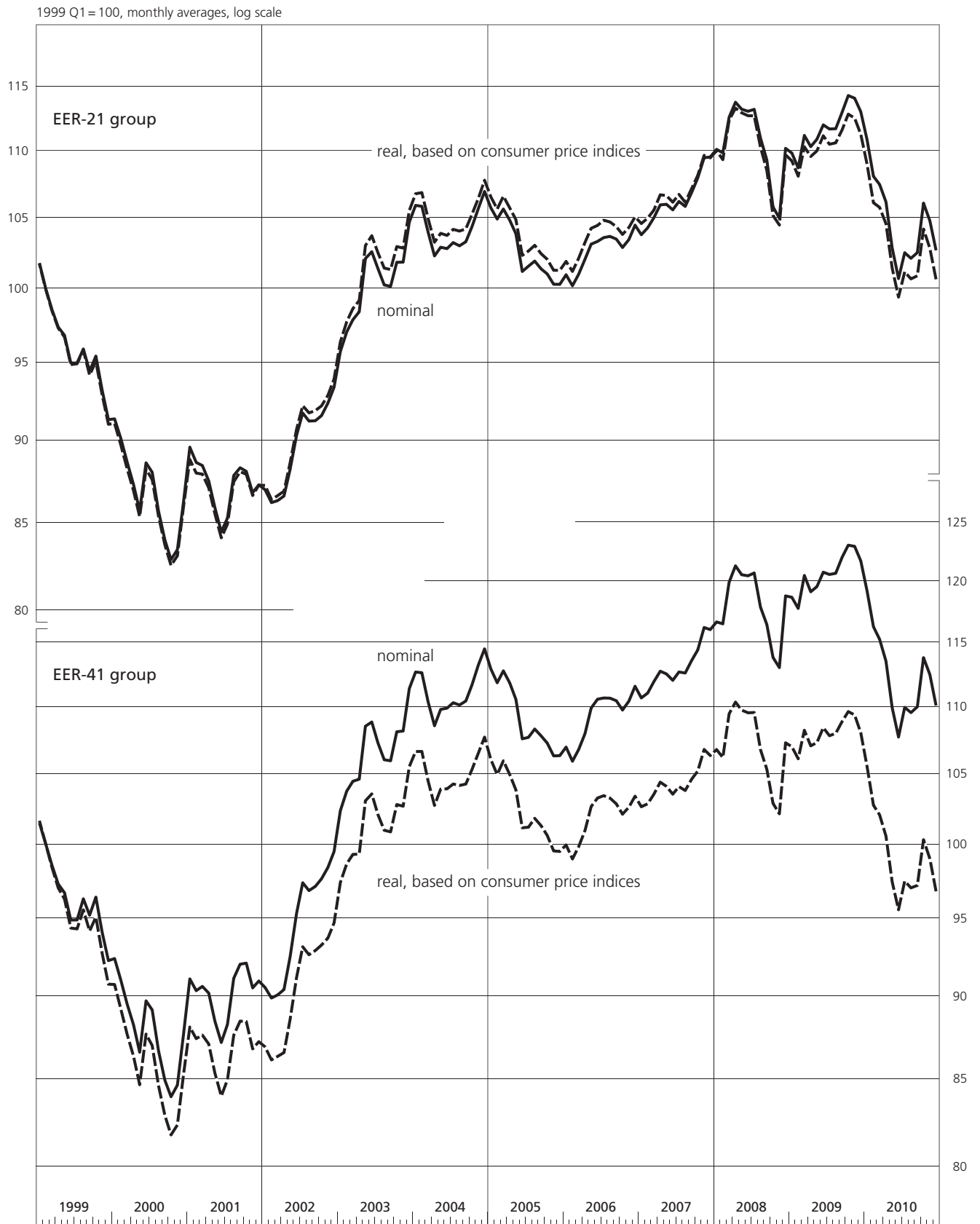
1999 Q1 = 100

Period	Effective exchange rate of the euro ¹				Memo item Indicators of the German economy's price competitiveness based on consumer price indices					
	EER-21		EER-41		23 selected industrial countries			36 countries	56 countries	
	Nominal	Real, based on consumer price indices	Nominal	Real, based on consumer price indices	Total	Euro-area countries	Non-euro- area countries			
1999	96.1	96.0	96.5	95.8	98.2	100.1	95.8	98.0	97.7	
2000	86.8	86.5	87.9	85.8	92.8	99.0	85.7	91.9	90.9	
2001	87.3	87.0	90.2	86.9	92.9	98.1	86.8	91.4	90.8	
2002	89.7	90.1	94.7	90.5	93.5	96.9	89.6	91.9	91.8	
2003	100.3	101.3	106.6	101.3	97.0	95.7	99.2	96.5	96.7	
2004	104.2	105.1	111.2	105.0	98.4	95.4	102.9	98.0	98.3	
2005	102.7	103.7	109.2	102.5	98.5	95.2	103.4	96.9	96.6	
2006	102.6	103.7	109.3	101.9	98.6	94.8	104.3	96.5	95.8	
2007	106.3	106.8	113.0	104.3	100.9	95.1	109.9	98.0	97.2	
2008	110.5	110.1	118.0	107.2	102.5	94.5	115.3	98.5	97.7	
2009	111.7	110.6	120.6	108.0	102.0	94.4	114.2	98.6	98.0	
2010	104.6	P 103.0	112.3	P 99.3	99.0	94.0	106.5	94.5	93.0	
2006 July	103.6	104.8	110.6	103.4	98.8	94.9	104.8	97.1	96.6	
Aug	103.6	104.7	110.6	103.2	98.6	94.6	104.6	96.8	96.3	
Sep	103.4	104.3	110.4	102.8	98.5	94.5	104.5	96.5	96.0	
Oct	102.8	103.8	109.7	102.1	98.7	94.8	104.6	96.5	95.8	
Nov	103.4	104.3	110.4	102.6	99.1	94.8	105.6	96.8	96.2	
Dec	104.4	105.0	111.5	103.4	99.5	94.8	106.8	97.1	96.5	
2007 Jan	103.8	104.6	110.6	102.6	99.6	95.1	106.6	97.1	96.4	
Feb	104.3	105.0	111.0	102.8	99.9	95.1	107.2	97.3	96.6	
Mar	105.0	105.5	111.9	103.5	100.0	95.0	107.7	97.4	96.7	
Apr	105.9	106.7	112.7	104.4	100.6	95.0	109.2	97.9	97.2	
May	106.0	106.6	112.5	104.1	100.7	95.1	109.4	97.9	97.0	
June	105.6	106.1	112.0	103.5	100.5	95.1	109.0	97.6	96.7	
July	106.2	106.7	112.6	104.0	101.0	95.2	110.0	97.9	97.0	
Aug	105.8	106.1	112.6	103.8	100.6	95.0	109.1	97.5	96.7	
Sep	106.8	107.1	113.5	104.6	101.2	95.3	110.6	98.2	97.4	
Oct	107.9	108.1	114.4	105.2	101.7	95.1	112.1	98.5	97.5	
Nov	109.4	109.6	116.2	106.8	102.6	95.4	114.0	99.5	98.6	
Dec	109.5	109.4	116.0	106.3	102.4	95.0	114.3	99.1	98.1	
2008 Jan	110.1	110.0	116.6	106.8	102.5	94.8	114.8	99.1	98.1	
Feb	109.8	109.3	116.5	106.2	102.6	94.9	114.8	98.8	97.8	
Mar	112.6	112.3	119.9	109.4	103.4	94.8	117.4	100.0	99.3	
Apr	113.7	113.3	121.2	110.3	103.7	94.4	118.9	99.9	99.3	
May	113.2	112.9	120.5	109.7	103.7	94.5	118.6	99.8	99.0	
June	113.0	112.7	120.4	109.5	103.6	94.4	118.6	99.4	98.6	
July	113.2	112.7	120.6	109.5	103.9	94.5	119.4	99.4	98.7	
Aug	110.9	110.3	117.8	106.8	102.8	94.3	116.5	98.2	97.2	
Sep	109.3	108.5	116.4	105.3	102.0	94.4	114.0	97.5	96.5	
Oct	105.8	105.1	113.8	102.8	99.9	94.3	108.6	95.8	95.1	
Nov	105.0	104.5	113.0	102.1	99.9	94.5	108.3	95.7	95.0	
Dec	110.2	109.7	118.7	107.3	101.8	94.4	113.7	98.1	97.6	
2009 Jan	109.8	109.2	118.6	107.0	101.6	94.5	112.8	98.1	97.6	
Feb	108.7	108.0	117.7	106.1	100.8	94.6	110.3	97.8	97.4	
Mar	111.1	110.3	120.4	108.2	101.7	94.4	113.3	98.5	98.2	
Apr	110.3	109.5	119.1	107.0	101.7	94.4	113.2	98.1	97.5	
May	110.8	110.0	119.5	107.3	101.7	94.3	113.6	98.2	97.5	
June	112.0	111.1	120.7	108.4	102.1	94.5	114.3	98.8	98.2	
July	111.6	110.5	120.5	107.8	102.0	94.5	114.0	98.5	97.8	
Aug	111.7	110.6	120.6	108.0	102.1	94.5	114.3	98.5	97.9	
Sep	112.9	111.6	122.0	108.8	102.4	94.3	115.4	98.8	98.3	
Oct	114.3	112.8	123.0	109.6	103.0	94.4	117.0	99.5	98.7	
Nov	114.0	112.5	122.9	109.3	102.8	94.3	116.6	99.4	98.6	
Dec	113.0	111.2	121.7	108.0	102.6	94.5	115.8	99.0	98.2	
2010 Jan	110.8	108.9	119.1	105.5	101.6	94.3	113.2	97.7	96.6	
Feb	108.0	106.1	116.2	102.7	100.5	94.2	110.2	96.3	95.1	
Mar	107.4	105.7	115.2	102.0	100.5	94.2	110.3	96.0	94.6	
Apr	106.1	104.5	113.5	100.5	99.8	94.0	108.9	95.2	93.6	
May	102.8	101.4	109.9	97.4	98.4	94.0	105.0	93.8	92.0	
June	100.7	99.4	107.7	95.5	97.2	93.9	101.9	92.7	90.9	
July	102.5	101.1	109.9	97.5	97.8	93.9	103.5	93.5	91.9	
Aug	102.1	100.6	109.5	97.0	97.6	93.9	103.1	93.2	91.6	
Sep	102.5	100.8	110.0	97.2	97.8	93.8	103.6	93.3	91.6	
Oct	106.1	P 104.2	113.8	P 100.3	99.3	93.8	107.8	94.9	93.3	
Nov	104.8	P 102.8	112.4	P 99.0	99.1	94.1	106.7	94.5	92.8	
Dec	102.6	P 100.6	110.1	P 96.8	97.9	93.9	103.9	93.3	91.6	

* See Explanatory notes, pp 59–61. — 1 Source: ECB.

III Effective exchange rates of the euro *

2 Nominal and real effective exchange rates based on consumer price indices



* Source: ECB.

IV Overview of world currencies *

1 Currencies and exchange rates in individual countries

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Afghanistan							
Kabul 660	Afghani = 100 puls	B S	USD 1 = USD 1 =	AFN 46.28 AFN 46.38	AFN 45.12 AFN 45.22	AFN 45.13 AFN 45.23	AFN 45.71 AFN 45.81
	AFN	B S	EUR 1 = EUR 1 =	AFN 60.89 AFN 61.15	AFN 62.33 AFN 62.59	AFN 59.10 AFN 59.36	AFN 59.83 AFN 60.09
Albania							
Tirana 070	Albanian lek = 100 qindarka	M M	USD 1 = EUR 1 =	ALL 104.26 ALL 137.91	ALL 100.23 ALL 138.62	ALL 106.49 ALL 138.65	ALL 104.00 ALL 138.77
	ALL						
Algeria							
Algiers 208	Algerian dinar = 100 centimes	B S	USD 1 = USD 1 =	DZD 74.3902 DZD 74.4052	DZD 74.1165 DZD 74.1315	DZD 74.7018 DZD 74.7168	DZD 73.9290 DZD 73.9440
	DZD	B S	EUR 1 = EUR 1 =	DZD 99.2330 DZD 99.2781	DZD 103.0442 DZD 103.0873	DZD 101.2209 DZD 101.2637	DZD 103.4710 DZD 103.5142
Angola							
Luanda 330	Kwanza = 100 cêntimos	B S	USD 1 = USD 1 =	AOA 91.796 AOA 92.256	AOA 92.527 AOA 92.990	AOA 92.044 AOA 92.504	AOA 92.412 AOA 92.874
	AOA	B S	EUR 1 = EUR 1 =	AOA 121.256 AOA 121.891	AOA 127.808 AOA 128.493	AOA 122.041 AOA 122.670	AOA 122.372 AOA 123.021
Antigua and Barbuda							
St John's 459	East Caribbean dollar = 100 cents	B S	USD 1 = USD 1 =	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169
	XCD	V, B V, S	EUR 1 = EUR 1 =	XCD 3.5637 XCD 3.6018	XCD 3.7250 XCD 3.7648	XCD 3.4941 XCD 3.5314	XCD 3.5920 XCD 3.6303
Argentina							
Buenos Aires 528	Argentine peso = 100 centavos	B S	USD 1 = USD 1 =	ARS 3.8726 ARS 3.9126	ARS 3.9170 ARS 3.9570	ARS 3.9480 ARS 3.9880	ARS 3.9360 ARS 3.9760
	ARS	B S	EUR 1 = EUR 1 =	ARS 5.1363 ARS 5.1898	ARS 5.4485 ARS 5.5046	ARS 5.1415 ARS 5.1940	ARS 5.2191 ARS 5.2726
Armenia							
Yerevan 077	Armenian dram = 100 luma	M M	USD 1 = EUR 1 =	AMD 373.16 AMD 494.51	AMD 358.21 AMD 495.44	AMD 359.07 AMD 466.86	AMD 363.44 AMD 481.16
	AMD						
Aruba							
Oranjestad 474	Aruban florin = 100 cent	B S	USD 1 = USD 1 =	AWG 1.78 AWG 1.80	AWG 1.78 AWG 1.80	AWG 1.78 AWG 1.80	AWG 1.78 AWG 1.80
	AWG	B S	EUR 100 = EUR 100 =	AWG 235.13 AWG 237.50	AWG 246.80 AWG 249.28	AWG 231.50 AWG 233.83	AWG 237.98 AWG 240.38

Source: Central bank or a commercial bank of the country concerned. —
* See Explanatory notes, p 61. — 1 Explanatory notes on individual
countries, see pp 65–68.

IV Overview of world currencies *

1 Currencies and exchange rates in individual countries (cont'd)

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.9228	USD 0.9761	USD 0.9618	USD 1.0163
		M	AUD 1 =	EUR 0.6967	EUR 0.7029	EUR 0.7348	EUR 0.7647
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3257	USD 1.3857	USD 1.2998	USD 1.3362
Azerbaijan							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 0.8026	AZN 0.8007	AZN 0.8003	AZN 0.7979
		M	EUR 1 =	AZN 1.0633	AZN 1.1130	AZN 1.0484	AZN 1.0560
Bahamas							
Nassau 453	Bahamian dollar = 100 cents BSD	B	USD 1 =	BSD 0.9950	BSD 0.9950	BSD 0.9950	BSD 0.9950
		S	USD 1 =	BSD 1.0125	BSD 1.0125	BSD 1.0125	BSD 1.0125
		B	EUR 1 =	BSD 1.2925	BSD 1.3605	BSD 1.2797	BSD 1.2953
S	EUR 1 =	BSD 1.3460	BSD 1.4205	BSD 1.3397	BSD 1.3084		
Bahrain							
Manama 640	Bahraini dinar = 1,000 fils BHD	B	USD 1 =	BHD 0.37425	BHD 0.37425	BHD 0.37425	BHD 0.37425
		S	USD 1 =	BHD 0.37750	BHD 0.37750	BHD 0.37750	BHD 0.37750
		B	EUR 1 =	BHD 0.4816220	BHD 0.5102491	BHD 0.4786853	BHD 0.4839136
S	EUR 1 =	BHD 0.5114130	BHD 0.5418109	BHD 0.5082947	BHD 0.5138464		
Bangladesh ¹							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 69.1517	BDT 70.1370	BDT 69.8590	BDT 70.4050
		S	USD 1 =	BDT 70.1196	BDT 71.0925	BDT 70.8145	BDT 71.3605
		B	EUR 1 =	BDT 89.3038	BDT 94.5968	BDT 90.7475	BDT 90.2763
S	EUR 1 =	BDT 94.1905	BDT 100.0718	BDT 95.9483	BDT 96.0598		
Barbados							
Bridgetown 469	Barbados dollar = 100 cents BBD	B	USD 1 =	BBD 1.99375	BBD 1.99375	BBD 1.99375	BBD 1.99375
		S	USD 1 =	BBD 2.03875	BBD 2.03875	BBD 2.03875	BBD 2.03875
		B	EUR 1 =	BBD 2.63045	BBD 2.77469	BBD 2.63531	BBD 2.64457
S	EUR 1 =	BBD 2.69486	BBD 2.84264	BBD 2.69984	BBD 2.70933		
Belarus							
Minsk 073	Belarusian rouble BYR	M	USD 1 =	BYR 2,979.42	BYR 3,011.00	BYR 3,032.00	BYR 3,000.00
		M	EUR 1 =	BYR 3,951.79	BYR 4,172.64	BYR 4,027.71	BYR 3,972.60

Source: Central bank or a commercial bank of the country concerned. —
* See Explanatory notes, p 61. — ¹ Explanatory notes on individual
countries, see pp 65–68.

IV Overview of world currencies *

1 Currencies and exchange rates in individual countries (cont'd)

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3257	USD 1.3857	USD 1.2998	USD 1.3362
Belize							
Belmopan 421	Belize dollar = 100 cents BZD	B S	USD 1 =	BZD 1.9825	BZD 1.9825	BZD 1.9825	BZD 1.9825
			USD 1 =	BZD 2.0175	BZD 2.0175	BZD 2.0175	BZD 2.0175
		V, B V, S	EUR 1 = EUR 1 =	BZD 2.6282 BZD 2.6746	BZD 2.7472 BZD 2.7956	BZD 2.5769 BZD 2.6223	BZD 2.6490 BZD 2.6958
Benin 1							
Porto-Novo Seat of Government: Cotonou 284	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Bermuda							
Hamilton 413	Bermudian dollar = 100 cents BMD	B S	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
			USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
		V, B V, S	EUR 1 = EUR 1 =	BMD 1.3204 BMD 1.3314	BMD 1.3802 BMD 1.3917	BMD 1.2946 BMD 1.3054	BMD 1.3309 BMD 1.3419
Bhutan 1							
Thimphu 675	Ngultrum = 100 chhetrum BTN	B S	USD 1 =	.	BTN 44.37	BTN 45.67	BTN 44.79
			USD 1 =	.	BTN 44.69	BTN 46.00	BTN 45.10
		B S	EUR 1 = EUR 1 =	. .	BTN 61.38 BTN 61.80	BTN 60.57 BTN 61.01	BTN 59.31 BTN 59.72
Bolivia, Plurinational State of							
Sucre Seat of Government: La Paz 516	Boliviano = 100 centavos BOB	B S	USD 1 =	BOB 6.97	BOB 6.97	BOB 6.96	BOB 6.94
			USD 1 =	BOB 7.07	BOB 7.07	BOB 7.06	BOB 7.04
		V, B V, S	EUR 1 = EUR 1 =	BOB 9.2017 BOB 9.3338	BOB 9.6583 BOB 9.7969	BOB 9.0466 BOB 9.1766	BOB 9.2732 BOB 9.4068
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga BAM	B S	USD 1 =	BAM 1.479297	BAM 1.407909	BAM 1.484057	BAM 1.469082
			USD 1 =	BAM 1.486712	BAM 1.414967	BAM 1.491495	BAM 1.476446
		B / S	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583
Botswana							
Gaborone 391	Pula = 100 thebe BWP	B S	BWP 1 =	USD 0.1474	USD 0.1516	USD 0.1479	USD 0.1552
			BWP 1 =	USD 0.1470	USD 0.1512	USD 0.1475	USD 0.1548
		B S	BWP 1 = BWP 1 =	EUR 0.1118 EUR 0.1115	EUR 0.1095 EUR 0.1092	EUR 0.1138 EUR 0.1135	EUR 0.1160 EUR 0.1158

Source: Central bank or a commercial bank of the country concerned. —
* See Explanatory notes, p 61. — 1 Explanatory notes on individual
countries, see pp 65–68. — 2 Value against the euro.

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1 Currencies and exchange rates in individual countries (cont'd)

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Brazil							
Brasilia 508	Brazilian real = 100 centavos BRL	B	USD 1 =	BRL 1.7585	BRL 1.7006	BRL 1.7153	BRL 1.6654
		S	USD 1 =	BRL 1.7593	BRL 1.7014	BRL 1.7161	BRL 1.6662
		B	EUR 1 =	BRL 2.32794	BRL 2.3654	BRL 2.2352	BRL 2.2266
		S	EUR 1 =	BRL 2.32926	BRL 2.3666	BRL 2.2364	BRL 2.2280
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents BND	B	USD 1 =	BND 1.3497	BND 1.2863	BND 1.3090	BND 1.2820
		S	USD 1 =	BND 1.3709	BND 1.3073	BND 1.3300	BND 1.3030
		B	EUR 1 =	BND 1.7687	BND 1.7801	BND 1.7041	BND 1.6841
		S	EUR 1 =	BND 1.8255	BND 1.8369	BND 1.7608	BND 1.7410
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.47755	BGN 1.41144	BGN 1.50472	BGN 1.47276
		M	EUR 1 =	BGN 1.95583	BGN 1.95583	BGN 1.95583	BGN 1.95583
Burkina Faso ¹							
Ouagadougou 236	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Burundi							
Bujumbura 328	Burundi franc = 100 centimes BIF	B	USD 1 =	BIF 1,219.1637	BIF 1,215.7113	BIF 1,217.0938	BIF 1,217.4888
		S	USD 1 =	BIF 1,242.5530	BIF 1,246.4888	BIF 1,247.9063	BIF 1,248.3113
		B	EUR 1 =	BIF 1,609.4271	BIF 1,687.6503	BIF 1,594.4536	BIF 1,618.9557
		S	EUR 1 =	BIF 1,640.4013	BIF 1,730.3757	BIF 1,634.8196	BIF 1,659.9419
Cambodia							
Phnom Penh 696	Riel = 100 sen KHR	B	USD 1 =	KHR 4,185	KHR 4,222	KHR 4,075	KHR 4,051
		S	USD 1 =	KHR 4,192	KHR 4,230	KHR 4,083	KHR 4,055
		B	EUR 1 =	KHR 5,514	KHR 5,820	KHR 5,341	KHR 5,387
		S	EUR 1 =	KHR 5,525	KHR 5,832	KHR 5,352	KHR 5,393
Cameroon ¹							
Yaoundé 302	CFA franc XAF	2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Canada							
Ottawa 404	Canadian dollar = 100 cents CAD	M	USD 1 =	CAD 1.0299	CAD 1.0188	CAD 1.0264	CAD 0.9946
		M	EUR 1 =	CAD 1.3640	CAD 1.4155	CAD 1.3379	CAD 1.3319
Cape Verde							
Praia 247	Cape Verde escudo = 100 centavos CVE	B	USD 1 =	CVE 83.600	CVE 79.473	CVE 83.776	CVE 82.930
		S	USD 1 =	CVE 83.801	CVE 79.675	CVE 83.978	CVE 83.132
		2 B/S	EUR 1 =	CVE 110.265	CVE 110.265	CVE 110.265	CVE 110.265

Source: Central bank or a commercial bank of the country concerned. — countries, see pp 65–68. — 2 Value against the euro.
* See Explanatory notes, p 61. — 1 Explanatory notes on individual

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1 Currencies and exchange rates in individual countries (cont'd)

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Cayman Islands							
George Town 463	Cayman Islands dollar = 100 cents	B S	USD 1 = USD 1 =	KYD 0.82 KYD 0.84	KYD 0.82 KYD 0.84	KYD 0.82 KYD 0.84	KYD 0.82 KYD 0.84
	KYD	V, B V, S	EUR 1 = EUR 1 =	KYD 1.0871 KYD 1.1136	KYD 1.1363 KYD 1.1640	KYD 1.0658 KYD 1.0918	KYD 1.0957 KYD 1.1224
Central African Republic ¹							
Bangui 306	CFA franc XAF	2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chad ¹							
N'Djaména 244	CFA franc XAF	2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chile							
Santiago 512	Chilean peso = 100 centavos CLP	M	USD 1 =	CLP 509.86	CLP 491.76	CLP 486.39	CLP 468.37
		M	EUR 1 =	CLP 672.93	CLP 685.00	CLP 637.30	CLP 619.87
China							
Peking / Beijing 720	Chinese yuan renminbi = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.7691	CNY 6.6908	CNY 6.6762	CNY 6.6227
		M	EUR 1 =	CNY 8.9690	CNY 9.3116	CNY 8.7645	CNY 8.8065
		M	HKD 1 =	CNY 0.87097	CNY 0.86256	CNY 0.85979	CNY 0.85093
China (Taiwan)							
Taipeh 736	New Taiwan dollar = 100 cents TWD	B S	USD 1 = USD 1 =	TWD 31.39 TWD 31.49	TWD 30.61 TWD 30.71	TWD 30.38 TWD 30.48	TWD 29.11 TWD 29.21
		B S	EUR 1 = EUR 1 =	TWD 41.46 TWD 41.86	TWD 42.44 TWD 42.84	TWD 39.81 TWD 40.21	TWD 38.64 TWD 39.04
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	B S	USD 1 = USD 1 =	COP 1,895.48 COP 1,896.16	COP 1,839.52 COP 1,840.28	COP 1,916.47 COP 1,917.45	COP 1,987.97 COP 1,991.80
		V, B V, S	EUR 1 = EUR 1 =	COP 2,502.99 COP 2,503.89	COP 2,549.02 COP 2,550.08	COP 2,491.03 COP 2,492.30	COP 2,640.02 COP 2,645.11
Comoros							
Moroni 375	Comorian franc = 100 centimes KMF	2	EUR 1 =	KMF 491.96775	KMF 491.96775	KMF 491.96775	KMF 491.96775
Congo ¹							
Brazzaville 318	CFA franc XAF	2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957

Source: Central bank or a commercial bank of the country concerned. —
* See Explanatory notes, p 61. — ¹ Explanatory notes on individual
countries, see pp 65–68. — ² Value against the euro.

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1 Currencies and exchange rates in individual countries (cont'd)

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B S	USD 1 = USD 1 =	CDF 889.2993 CDF 923.5501	CDF 891.0344 CDF 927.4032	CDF 895.3947 CDF 931.9415	CDF 896.8269 CDF 933.4321
	CDF	B S	EUR 1 = EUR 1 =	CDF 1,175.5376 CDF 1,220.7161	CDF 1,237.7766 CDF 1,288.2981	CDF 1,184.3932 CDF 1,232.7357	CDF 1,178.0044 CDF 1,226.0862
Cook Islands ¹							
Avarua 837	Cook Islands dollar = 100 cents NZD	² B S	NZD 1 = NZD 1 =	EUR 0.5545 EUR 0.5357	EUR 0.5511 EUR 0.5326	EUR 0.5764 EUR 0.5570	EUR 0.5895 EUR 0.5698
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos CRC	B S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	CRC 519.24 CRC 529.48 CRC 685.8154 CRC 699.3381	CRC 508.52 CRC 519.18 CRC 704.6562 CRC 719.4277	CRC 503.18 CRC 512.20 CRC 654.0334 CRC 665.7576	CRC 507.85 CRC 518.09 CRC 678.5892 CRC 692.2719
Côte d'Ivoire ¹							
Yamoussoukro Seat of Government: Abidjan 272	CFA franc XOF	³	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Croatia							
Zagreb 092	Croatian kuna = 100 lipa HRK	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	HRK 5.434596 HRK 5.605873 HRK 7.244947 HRK 7.336259	HRK 5.295452 HRK 5.327320 HRK 7.317255 HRK 7.361291	HRK 5.606717 HRK 5.640459 HRK 7.398064 HRK 7.442586	HRK 5.551547 HRK 5.584957 HRK 7.363017 HRK 7.407329
Cuba ¹							
Havana 448	Convertible peso / Cuban peso = 100 centavos CUC / CUP	B S B S	CUC 1 = CUC 1 = EUR 1 = EUR 1 =	USD 1.11628 USD 1.04600 CUC 1.18044 CUC 1.25989	USD 1.11628 USD 1.04600 CUC 1.24583 CUC 1.32983	USD 1.11628 USD 1.04600 CUC 1.17157 CUC 1.25038	USD 1.11628 USD 1.04600 CUC 1.17622 CUC 1.25535
Cyprus							
Nicosia 600	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3257	USD 1.3857	USD 1.2998	USD 1.3362
Czech Republic							
Prague 061	Czech koruna = 100 heller CZK	M M	USD 1 = EUR 1 =	CZK 19.111 CZK 25.256	CZK 17.754 CZK 24.605	CZK 19.165 CZK 24.915	CZK 18.751 CZK 25.060

Source: Central bank or a commercial bank of the country concerned. — countries, see pp 65–68. — ² Parity in relation to New Zealand dollar. —
* See Explanatory notes, p 61. — ¹ Explanatory notes on individual ³ Value against the euro.

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1 Currencies and exchange rates in individual countries (cont'd)

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 562.57	DKK 538.08	DKK 573.39	DKK 561.33
			M	EUR 100 =	DKK 744.72	DKK 745.62	DKK 745.29
Djibouti							
Djibouti 338	Djibouti franc = 100 centimes DJF	B	USD 1 =	DJF 176.832	DJF 176.832	DJF 176.832	DJF 176.832
			S	USD 1 =	DJF 179.498	DJF 179.498	DJF 179.498
		B	EUR 1 =	DJF 230.70	DJF 243.70	DJF 230.77	DJF 232.66
			S	EUR 1 =	DJF 240.66	DJF 255.16	DJF 239.34
Dominica							
Roseau 460	East Caribbean dollar = 100 cents XCD	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
			S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169
		V, B	EUR 1 =	XCD 3.5637	XCD 3.7250	XCD 3.4941	XCD 3.5920
			V, S	EUR 1 =	XCD 3.6018	XCD 3.7648	XCD 3.5314
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 36.8055	DOP 37.2237	DOP 37.2596	DOP 37.4225
			S	USD 1 =	DOP 36.8971	DOP 37.3039	DOP 37.3072
		B	EUR 1 =	DOP 48.6049	DOP 51.5809	DOP 48.4300	DOP 50.0039
			S	EUR 1 =	DOP 48.7255	DOP 51.6920	DOP 48.4919
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 5.6300	EGP 5.7675	EGP 5.7750	EGP 5.7925
			S	USD 1 =	EGP 5.6576	EGP 5.7975	EGP 5.8050
		B	EUR 1 =	EGP 7.4410	EGP 8.0547	EGP 7.5199	EGP 7.7079
			S	EUR 1 =	EGP 7.5528	EGP 8.1765	EGP 7.6327
El Salvador ¹							
San Salvador 428	El Salvador colón = 100 centavos SVC	B / S	USD 1 =	SVC 8.75	SVC 8.75	SVC 8.75	SVC 8.75
		V, B/S	EUR 1 =	SVC 11.5999	SVC 12.1249	SVC 11.3733	SVC 11.6918
Equatorial Guinea ¹							
Malabo 310	CFA franc XAF	2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Eritrea							
Asmara 336	Nakfa = 100 cents ERN	B	USD 1 =	ERN 15.0000	ERN 15.0000	ERN 15.0000	ERN 15.0000
			S	USD 1 =	ERN 15.7500	ERN 15.7500	ERN 15.7500
		B	EUR 1 =	ERN 19.7789	ERN 20.7735	ERN 19.7505	ERN 19.8720
			S	EUR 1 =	ERN 20.5384	ERN 21.5330	ERN 20.5100
Estonia							
Tallinn 053	Estonian kroon = 100 sents EEK	M	USD 1 =	EEK 11.87368	EEK 11.31560	EEK 12.02710	EEK 11.71070
			M	EUR 1 =	EEK 15.6466	EEK 15.6466	EEK 15.6466

Source: Central bank or a commercial bank of the country concerned. —
* See Explanatory notes, p 61. — ¹ Explanatory notes on individual
countries, see pp 65–68. — ² Value against the euro.

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1 Currencies and exchange rates in individual countries (cont'd)

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Ethiopia							
Addis Ababa 334	Birr = 100 cents ETB	B S	USD 1 =	ETB 14.466417	ETB 16.431100	ETB 16.488000	ETB 16.548200
			USD 1 =	ETB 14.744511	ETB 16.759722	ETB 16.817760	ETB 16.879164
		B S	EUR 1 =	ETB 19.084683	ETB 22.679800	ETB 21.718000	ETB 21.916400
			EUR 1 =	ETB 19.439448	ETB 23.133396	ETB 22.152360	ETB 22.354728
Falkland Islands (Islas Malvinas)							
Stanley 529	Falkland Islands pound = 100 pence FKP	2	FKP 1 =	GBP 1	GBP 1	GBP 1	GBP 1
Fiji							
Suva 815	Fiji dollar = 100 cents FJD	B S	FJD 1 =	USD 0.5298	USD 0.5501	USD 0.5424	USD 0.5581
			FJD 1 =	USD 0.5128	USD 0.5331	USD 0.5254	USD 0.5411
			FJD 1 =	EUR 0.4014	EUR 0.3947	EUR 0.4129	EUR 0.4191
			FJD 1 =	EUR 0.3894	EUR 0.3827	EUR 0.4009	EUR 0.4071
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3257	USD 1.3857	USD 1.2998	USD 1.3362
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3257	USD 1.3857	USD 1.2998	USD 1.3362
Gabon ¹							
Libreville 314	CFA franc XAF	3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Gambia							
Banjul 252	Dalasi = 100 bututs GMD	M M	USD 1 =	GMD .	GMD 29.05	GMD 27.59	GMD .
			EUR 1 =	GMD .	GMD 40.18	GMD 39.05	GMD .
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M M	USD 1 =	GEL 1.7845	GEL 1.7780	GEL 1.7593	GEL 1.7728
			EUR 1 =	GEL 2.3637	GEL 2.4595	GEL 2.3223	GEL 2.3500
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3257	USD 1.3857	USD 1.2998	USD 1.3362

Source: Central bank or a commercial bank of the country concerned. — countries, see pp 65–68. — 2 Value against the pound sterling; for rates see
* See Explanatory notes, p 61. — 1 Explanatory notes on individual United Kingdom. — 3 Value against the euro.

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1 Currencies and exchange rates in individual countries (cont'd)

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas	B S	USD 1 = USD 1 =	GHS 1.4208 GHS 1.4405	GHS 1.4214 GHS 1.4400	GHS 1.4266 GHS 1.4473	GHS 1.4407 GHS 1.4656
	GHS	B S	EUR 1 = EUR 1 =	GHS 1.8756 GHS 1.9014	GHS 1.9688 GHS 1.9943	GHS 1.8714 GHS 1.8984	GHS 1.9239 GHS 1.9570
Gibraltar							
Gibraltar 044	Gibraltar pound = 100 pence GIP	2	GIP 1 =	GBP 1	GBP 1	GBP 1	GBP 1
Greece							
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3257	USD 1.3857	USD 1.2998	USD 1.3362
Grenada							
St George's 473	East Caribbean dollar = 100 cents	B S	USD 1 = USD 1 =	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169
	XCD	V, B V, S	EUR 1 = EUR 1 =	XCD 3.5637 XCD 3.6018	XCD 3.7250 XCD 3.7648	XCD 3.4941 XCD 3.5314	XCD 3.5920 XCD 3.6303
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ	M V, M	USD 1 = EUR 1 =	GTQ 8.06677 GTQ 10.65638	GTQ 8.04286 GTQ 11.14499	GTQ 7.98621 GTQ 10.38048	GTQ 8.01358 GTQ 10.70775
Guinea							
Conakry 260	Guinean franc	B S	USD 1 = USD 1 =	GNF 6,237.50 GNF 6,610.83	GNF 6,800.00 GNF 7,075.00	GNF 6,850.00 GNF 7,150.00	GNF 7,000.00 GNF 7,250.00
	GNF	B S	EUR 1 = EUR 1 =	GNF 8,230.5486 GNF 8,722.1120	GNF 9,413.2400 GNF 9,793.9225	GNF 8,985.8300 GNF 9,379.3700	GNF 9,348.5000 GNF 9,682.3750
Guinea Bissau ¹							
Bissau 257	CFA franc XOF	3	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Guyana							
Georgetown 488	Guyana dollar = 100 cents	B S	USD 1 = USD 1 =	GYD 203.05 GYD 205.47	GYD 203.49 GYD 205.91	GYD 201.99 GYD 204.40	GYD 202.99 GYD 205.41
	GYD	B S	EUR 1 = EUR 1 =	GYD 268.35 GYD 271.75	GYD 281.94 GYD 285.50	GYD 263.02 GYD 266.35	GYD 271.60 GYD 275.04

Source: Central bank or a commercial bank of the country concerned. — countries, see pp 65–68. — 2 Value against the pound sterling; for rates see
* See Explanatory notes, p 61. — 1 Explanatory notes on individual United Kingdom. — 3 Value against the euro.

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1 Currencies and exchange rates in individual countries (cont'd)

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M V, M	USD 1 =	HTG .	HTG 40.0954	HTG 40.1493	HTG .
			EUR 1 =	HTG .	HTG 55.5602	HTG 52.1861	HTG .
Honduras							
Tegucigalpa 424	Lempira = 100 centavos HNL	B S	USD 1 =	HNL 18.8951	HNL 18.8951	HNL 18.8951	HNL 18.8951
			USD 1 =	HNL 19.0254	HNL 19.0222	HNL 19.0105	HNL 19.0273
		V, B V, S	EUR 1 =	HNL 24.9543	HNL 26.1829	HNL 24.5599	HNL 25.2476
			EUR 1 =	HNL 25.1263	HNL 26.3591	HNL 24.7098	HNL 25.4243
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B S	USD 1 =	HKD 7.7568	HKD 7.7445	HKD 7.7540	HKD 7.7610
			USD 1 =	HKD 7.7812	HKD 7.7690	HKD 7.7780	HKD 7.7855
		B S	EUR 1 =	HKD 10.2651	HKD 10.7340	HKD 10.1535	HKD 10.3590
			EUR 1 =	HKD 10.3345	HKD 10.8035	HKD 10.2230	HKD 10.4285
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M M	USD 1 =	HUF 208.18	HUF 197.95	HUF 218.76	HUF 208.65
			EUR 1 =	HUF 275.47	HUF 273.69	HUF 284.54	HUF 278.75
Iceland							
Reykjavik 024	Icelandic krona ISK	B S	USD 1 =	ISK 121.91	ISK 111.84	ISK 117.07	ISK 114.78
			USD 1 =	ISK 122.49	ISK 112.38	ISK 117.63	ISK 115.32
		B S	EUR 1 =	ISK 161.44	ISK 154.68	ISK 152.44	ISK 153.37
			EUR 1 =	ISK 162.34	ISK 155.54	ISK 153.30	ISK 154.23
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	B S	USD 1 =	INR 45.25	INR 44.07	INR 45.52	INR 44.37
			USD 1 =	INR 46.17	INR 44.98	INR 46.52	INR 45.28
		B S	EUR 1 =	INR 59.71	INR 61.04	INR 59.40	INR 58.79
			EUR 1 =	INR 61.39	INR 62.75	INR 61.06	INR 60.45
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B S	USD 1 =	IDR 9,030.50	IDR 8,883.00	IDR 8,968.00	IDR 8,946.00
			USD 1 =	IDR 9,121.42	IDR 8,973.00	IDR 9,058.00	IDR 9,036.00
		B S	EUR 1 =	IDR 11,970.68	IDR 12,348.26	IDR 11,788.44	IDR 11,894.60
			EUR 1 =	IDR 12,093.87	IDR 12,475.16	IDR 11,911.27	IDR 12,016.98
Iran, Islamic Republic of ¹							
Tehran 616	Iranian rial = 100 dinars IRR	M M	USD 1 =	IRR 10,264	IRR 10,370	IRR 10,399	IRR 10,353
			EUR 1 =	IRR 13,524	IRR 14,466	IRR 13,602	IRR 13,701

Source: Central bank or a commercial bank of the country concerned. —
* See Explanatory notes, p 61. — ¹ Explanatory notes on individual
countries, see pp 65–68.

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1 Currencies and exchange rates in individual countries (cont'd)

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Iraq							
Baghdad 612	Iraqi dinar = 1,000 fils	B S	USD 1 = USD 1 =	IQD 1,168.000 IQD 1,170.000	IQD 1,168.000 IQD 1,170.000	IQD 1,168.000 IQD 1,170.000	IQD 1,168.000 IQD 1,170.000
	IQD	B S	EUR 1 = EUR 1 =	IQD 1,542.634 IQD 1,543.406	IQD 1,620.458 IQD 1,621.269	IQD 1,537.313 IQD 1,538.082	IQD 1,543.043 IQD 1,543.815
Ireland							
Dublin 007	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3257	USD 1.3857	USD 1.2998	USD 1.3362
Israel							
Jerusalem 624	New Israeli sheqel = 100 agorot	M	USD 1 =	ILS 3.7319	ILS 3.6360	ILS 3.6830	ILS 3.5490
	ILS	M	EUR 1 =	ILS 4.9502	ILS 5.0246	ILS 4.7892	ILS 4.7379
Italy							
Rome 005	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3257	USD 1.3857	USD 1.2998	USD 1.3362
Jamaica							
Kingston 464	Jamaican dollar = 100 cents	B S	USD 1 = USD 1 =	JMD 86.8672 JMD 87.3393	JMD 85.1424 JMD 85.6225	JMD 85.7418 JMD 86.1412	JMD 85.3408 JMD 85.8613
	JMD	B S	EUR 1 = EUR 1 =	JMD 114.6425 JMD 115.2144	JMD 118.4079 JMD 118.9984	JMD 112.1548 JMD 112.7243	JMD 113.5498 JMD 113.9988
Japan							
Tokyo 732	Japanese yen = 100 sen	B S	USD 1 = USD 1 =	JPY 86.71 JPY 88.71	JPY 79.89 JPY 81.89	JPY 83.27 JPY 85.27	JPY 80.49 JPY 82.49
	JPY	B S	EUR 1 = EUR 1 =	JPY 114.72 JPY 117.72	JPY 111.11 JPY 114.11	JPY 109.16 JPY 112.16	JPY 106.40 JPY 109.40
Jordan							
Amman 628	Jordanian dinar = 1,000 fils	B S	USD 1 = USD 1 =	JOD 0.7080 JOD 0.7100	JOD 0.7080 JOD 0.7100	JOD 0.7080 JOD 0.7100	JOD 0.7080 JOD 0.7100
	JOD	B S	EUR 1 = EUR 1 =	JOD 0.93032 JOD 0.93923	JOD 0.97761 JOD 0.99038	JOD 0.91913 JOD 0.93358	JOD 0.93548 JOD 0.94231
Kazakhstan							
Astana 079	Tenge = 100 tiyn KZT	M	USD 1 =	KZT 147.34	KZT 147.57	KZT 147.49	KZT 147.40
		M	EUR 1 =	KZT 195.53	KZT 204.12	KZT 195.57	KZT 195.23
Kenya ¹							
Nairobi 346	Kenya shilling = 100 cents	B S	USD 1 = USD 1 =	KES 79.3790 KES 79.5601	KES 80.6967 KES 80.8772	KES 80.8728 KES 81.0756	KES 80.6767 KES 80.8272
	KES	B S	EUR 1 = EUR 1 =	KES 104.6814 KES 104.9632	KES 111.9833 KES 112.2706	KES 106.1500 KES 106.5000	KES 107.5089 KES 107.7472

Source: Central bank or a commercial bank of the country concerned. —
* See Explanatory notes, p 61. — 1 Explanatory notes on individual
countries, see pp 65–68.

IV Overview of world currencies *

1 Currencies and exchange rates in individual countries (cont'd)

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Kiribati ¹							
Bairiki / Tarawa 812	Australian dollar / Kiribati = 100 cents AUD	² M	AUD 1 =	EUR 0.6967	EUR 0.7029	EUR 0.7348	EUR 0.7647
Korea, Democratic People's Republic of							
Pyongyang 724	North Korean won = 100 chon KPW	B S	USD 1 = USD 1 =	KPW 101.28 KPW 101.82	KPW 98.66 KPW 99.17	KPW 101.10 KPW 101.63	KPW 100.80 KPW 101.32
		B S	EUR 1 = EUR 1 =	KPW 133.77 KPW 134.48	KPW 136.50 KPW 137.20	KPW 132.60 KPW 133.30	KPW 132.80 KPW 133.50
Korea, Republic of							
Seoul 728	South Korean won = 100 chon KRW	B S	USD 1 = USD 1 =	KRW 1,145.08 KRW 1,167.64	KRW 1,114.00 KRW 1,136.00	KRW 1,148.20 KRW 1,170.80	KRW 1,109.10 KRW 1,130.90
		B S	EUR 1 = EUR 1 =	KRW 1,515.31 KRW 1,545.91	KRW 1,539.32 KRW 1,570.40	KRW 1,499.75 KRW 1,530.03	KRW 1,479.14 KRW 1,509.02
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils KWD	B S	USD 1 = USD 1 =	KWD 0.28561 KWD 0.28858	KWD 0.27985 KWD 0.28395	KWD 0.28100 KWD 0.28460	KWD 0.27905 KWD 0.28315
		B S	EUR 1 = EUR 1 =	KWD 0.376946 KWD 0.380872	KWD 0.387564 KWD 0.393242	KWD 0.366227 KWD 0.370919	KWD 0.369685 KWD 0.375117
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tyiyn KGS	M M	USD 1 = EUR 1 =	KGS 46.0039 KGS 60.7593	KGS 46.7409 KGS 64.6403	KGS 46.8600 KGS 62.1292	KGS 47.0992 KGS 61.7949
Lao People's Democratic Republic							
Vientiane 684	Kip LAK	B S	USD 1 = USD 1 =	LAK 8,232 LAK 8,262	LAK 8,033 LAK 8,070	LAK 8,033 LAK 8,070	LAK 8,041 LAK 8,073
		B S	EUR 1 = EUR 1 =	LAK 10,838 LAK 10,889	LAK 11,075 LAK 11,128	LAK 10,535 LAK 10,585	LAK 10,698 LAK 10,749
Latvia							
Riga 054	Latvian lats = 100 santims LVL	M M	USD 1 = EUR 1 =	LVL 0.5311 LVL 0.702804	LVL 0.5090 LVL 0.702804	LVL 0.5310 LVL 0.702804	LVL 0.5350 LVL 0.702804
Lebanon							
Beirut 604	Lebanese pound = 100 piastres LBP	M M	USD 1 = EUR 1 =	LBP 1,507.50 LBP 1,997.75	LBP 1,507.50 LBP 2,084.87	LBP 1,507.50 LBP 1,964.42	LBP 1,507.50 LBP 1,997.44

Source: Central bank or a commercial bank of the country concerned. —
* See Explanatory notes, p 61. — ¹ Explanatory notes on individual
countries, see pp 65–68. — ² Parity in relation to Australian dollar.

IV Overview of world currencies *

1 Currencies and exchange rates in individual countries (cont'd)

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Lesotho ¹							
Maseru 395	Loti = 100 lisente LSL	2	ZAR 1 =	LSL 1	LSL 1	LSL 1	LSL 1
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents LRD	B S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	LRD 71.13 LRD 72.13 LRD 93.9271 LRD 95.2544	LRD 71.00 LRD 72.50 LRD 98.3847 LRD 100.4633	LRD 69.00 LRD 70.00 LRD 89.6862 LRD 90.9860	LRD 71.00 LRD 72.00 LRD 94.8702 LRD 96.2064
Libyan Arab Jamahiriya							
Tripoli 216	Libyan dinar = 1,000 dirham LYD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	LYD 1.2658 LYD 1.2721 LYD 1.6680 LYD 1.6764	LYD 1.2218 LYD 1.2279 LYD 1.7044 LYD 1.7129	LYD 1.2643 LYD 1.2706 LYD 1.6448 LYD 1.6531	LYD 1.2510 LYD 1.2573 LYD 1.6567 LYD 1.6651
Lithuania							
Vilnius 055	Lithuanian litas = 100 centas LTL	M M	USD 1 = EUR 1 =	LTL 2.6066 LTL 3.4528	LTL 2.4950 LTL 3.4528	LTL 2.5962 LTL 3.4528	LTL 2.6099 LTL 3.4528
Luxembourg							
Luxembourg 018	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3257	USD 1.3857	USD 1.2998	USD 1.3362
Macao ¹							
Macao 743	Pataca = 100 avos MOP	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	MOP 7.9543 MOP 8.0543 MOP 10.4920 MOP 10.6240	MOP 7.9397 MOP 8.0396 MOP 11.0480 MOP 11.1870	MOP 7.9479 MOP 8.0478 MOP 10.4347 MOP 10.5659	MOP 7.9662 MOP 8.0663 MOP 10.5934 MOP 10.7267
Macedonia ¹							
Skopje 096	Macedonian denar = 100 deni MKD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	MKD 46.2533 MKD 46.7181 MKD 61.2141 MKD 61.8293	MKD 44.2120 MKD 44.6564 MKD 61.2646 MKD 61.8804	MKD 46.5517 MKD 47.0196 MKD 61.1969 MKD 61.8119	MKD 46.0824 MKD 46.5456 MKD 61.1975 MKD 61.8125
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M M	USD 1 = EUR 1 =	MGA 2,093.28 MGA 2,774.82	MGA 1,997.35 MGA 2,764.17	MGA 2,024.53 MGA 2,703.69	MGA 2,146.12 MGA 2,840.46
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala MWK	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	MWK 149.7323 MWK 151.2371 MWK 197.5282 MWK 199.5134	MWK 150.0467 MWK 151.5547 MWK 209.0151 MWK 211.1157	MWK 150.0467 MWK 151.5547 MWK 196.9363 MWK 198.9155	MWK 150.0466 MWK 151.5546 MWK 198.4366 MWK 200.4310

Source: Central bank or a commercial bank of the country concerned. — countries, see pp 65–68. — 2 Parity in relation to South African rand; for
* See Explanatory notes, p 61. — 1 Explanatory notes on individual rates see South Africa.

IV Overview of world currencies *

1 Currencies and exchange rates in individual countries (cont'd)

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Malaysia							
Kuala Lumpur Seat of Government: Putrajaya 701	Malaysian ringgit = 100 sen	B S	USD 1 = USD 1 =	MYR 3.1799 MYR 3.2466	MYR 3.0744 MYR 3.1366	MYR 3.1284 MYR 3.1916	MYR 3.0566 MYR 3.1184
	MYR	B S	EUR 1 = EUR 1 =	MYR 4.2116 MYR 4.3221	MYR 4.2700 MYR 4.3825	MYR 4.0914 MYR 4.1992	MYR 4.0329 MYR 4.1391
Maldives							
Malé 667	Rufiyaa = 100 laari	B S	USD 1 = USD 1 =	MVR 12.75 MVR 12.85	MVR 12.75 MVR 12.85	MVR 12.75 MVR 12.85	MVR 12.75 MVR 12.85
	MVR	V, B V, S	EUR 1 = EUR 1 =	MVR 16.8386 MVR 16.9707	MVR 17.6677 MVR 17.8062	MVR 16.5725 MVR 16.7024	MVR 17.0366 MVR 17.1702
Mali ¹							
Bamako 232	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Malta							
Valletta 046	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3257	USD 1.3857	USD 1.2998	USD 1.3362
Mauritania							
Nouakchott 228	Ouguiya = 5 khoums	B S	USD 1 = USD 1 =	MRO 275.73 MRO 278.49	MRO 282.86 MRO 285.70	MRO 279.80 MRO 282.60	MRO 281.30 MRO 284.12
	MRO	B S	EUR 1 = EUR 1 =	MRO 362.72 MRO 366.36	MRO 393.15 MRO 397.10	MRO 365.75 MRO 369.42	MRO 369.42 MRO 373.13
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents	B S	USD 1 = USD 1 =	MUR 30.1704 MUR 31.6119	MUR 29.1065 MUR 30.5103	MUR 29.8699 MUR 31.2987	MUR 29.7489 MUR 31.1714
	MUR	B S	EUR 1 = EUR 1 =	MUR 39.7691 MUR 41.6718	MUR 40.4367 MUR 42.3746	MUR 39.0932 MUR 40.9680	MUR 39.5407 MUR 41.4611
Mexico							
Mexico City 412	Mexican peso = 100 centavos	B S	USD 1 = USD 1 =	MXN 12.6430 MXN 12.6467	MXN 12.3630 MXN 12.3660	MXN 12.4580 MXN 12.4610	MXN 12.3550 MXN 12.3650
	MXN	V, B V, S	EUR 1 = EUR 1 =	MXN 16.6951 MXN 16.7000	MXN 17.1314 MXN 17.1356	MXN 16.1929 MXN 16.1968	MXN 16.5088 MXN 16.5221
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani	M	USD 1 =	MDL 12.3432	MDL 11.8126	MDL 12.1225	MDL 12.1539
	MDL	M	EUR 1 =	MDL 16.3578	MDL 16.3605	MDL 15.9605	MDL 16.1045
Mongolia							
Ulan Bator 716	Togrog = 100 mongo	M	USD 1 =	MNT 1,347.49	MNT 1,285.47	MNT 1,246.69	MNT 1,257.18
	MNT	M	EUR 1 =	MNT 1,781.74	MNT 1,775.88	MNT 1,658.16	MNT 1,679.97

Source: Central bank or a commercial bank of the country concerned. —
* See Explanatory notes, p 61. — 1 Explanatory notes on individual
countries, see pp 65–68. — 2 Value against the euro.

IV Overview of world currencies *

1 Currencies and exchange rates in individual countries (cont'd)

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Montenegro							
Podgorica 097	Euro = 100 cent EUR	B S	USD 1 =	EUR 0.7537	EUR 0.7195	EUR 0.7584	EUR 0.7508
			USD 1 =	EUR 0.7582	EUR 0.7238	EUR 0.7630	EUR 0.7553
Morocco							
Rabat 204	Moroccan dirham = 100 centimes MAD	B S	USD 1 =	MAD 8.3964	MAD 8.0618	MAD 8.5260	MAD 8.3319
			USD 1 =	MAD 8.4468	MAD 8.1102	MAD 8.5772	MAD 8.3819
		B S	EUR 1 =	MAD 11.118	MAD 11.216	MAD 11.080	MAD 11.137
			EUR 1 =	MAD 11.185	MAD 11.283	MAD 11.147	MAD 11.204
Mozambique							
Maputo 366	Metical = 100 centavos MZN	B S	USD 1 =	MZN 33.05	MZN 35.76	MZN 35.27	MZN 32.73
			USD 1 =	MZN 33.25	MZN 35.96	MZN 35.47	MZN 32.93
		B S	EUR 1 =	MZN 43.61	MZN 49.73	MZN 45.85	MZN 43.77
			EUR 1 =	MZN 43.88	MZN 50.01	MZN 46.11	MZN 44.04
Myanmar ¹							
Nay Pyi Taw 676	Kyat = 100 pyas MMK	B S	USD 1 =	MMK 5.5792	MMK 5.3924	MMK 5.5205	MMK 5.5249
			USD 1 =	MMK 5.6907	MMK 5.5003	MMK 5.6309	MMK 5.6354
		B S	EUR 1 =	MMK 7.3819	MMK 7.5661	MMK 7.3638	MMK 7.3370
			EUR 1 =	MMK 7.5296	MMK 7.7174	MMK 7.5111	MMK 7.4837
Namibia ¹							
Windhoek 389	Namibia dollar = 100 cents NAD	2	ZAR 1 =	NAD 1	NAD 1	NAD 1	NAD 1
Nepal							
Kathmandu 672	Nepalese rupee = 100 paisa NPR	B S	USD 1 =	NPR 72.86	NPR 70.90	NPR 72.85	NPR 71.82
			USD 1 =	NPR 73.46	NPR 71.50	NPR 73.45	NPR 72.42
		B S	EUR 1 =	NPR 96.28	NPR 98.13	NPR 96.88	NPR 95.03
			EUR 1 =	NPR 97.07	NPR 98.96	NPR 97.67	NPR 95.82
Netherlands							
Amsterdam Seat of Government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3257	USD 1.3857	USD 1.2998	USD 1.3362
Netherlands Antilles ¹							
Willemstad 478	Netherlands Antillean guilder = 100 cent ANG	B S	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
			USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
		B S	EUR 100 =	ANG 235.13	ANG 246.80	ANG 231.50	ANG 237.98
			EUR 100 =	ANG 239.87	ANG 251.77	ANG 236.17	ANG 242.78
New Caledonia ¹							
Nouméa 809	CFP franc XPF	3	XPF 1000 =	EUR 8.38	EUR 8.38	EUR 8.38	EUR 8.38

Source: Central bank or a commercial bank of the country concerned. —
* See Explanatory notes, p 61. — ¹ Explanatory notes on individual

countries, see pp 65–68. — ² Parity in relation to South African rand; for
rates see South Africa. — ³ Value against the euro.

IV Overview of world currencies *

1 Currencies and exchange rates in individual countries (cont'd)

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
New Zealand							
Wellington 804	New Zealand dollar = 100 cents NZD	B	NZD 1 =	USD 0.7323	USD 0.7642	USD 0.7536	USD 0.7818
		S	NZD 1 =	USD 0.7122	USD 0.7433	USD 0.7329	USD 0.7607
		B	NZD 1 =	EUR 0.5545	EUR 0.5511	EUR 0.5764	EUR 0.5895
		S	NZD 1 =	EUR 0.5357	EUR 0.5326	EUR 0.5570	EUR 0.5698
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 21.3985	NIO 21.7048	NIO 21.7920	NIO 21.8825
		V, M	EUR 1 =	NIO 28.2585	NIO 30.0763	NIO 28.3252	NIO 29.2394
Niger 1							
Niamey 240	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Nigeria							
Abuja 288	Naira = 100 kobo NGN	B	USD 1 =	NGN 147.84	NGN 147.50	NGN 147.75	NGN 148.17
		S	USD 1 =	NGN 148.84	NGN 148.50	NGN 148.75	NGN 149.17
	B	EUR 1 =	NGN 196.0689	NGN 204.5088	NGN 192.4296	NGN 198.3996	
	S	EUR 1 =	NGN 197.3950	NGN 205.8953	NGN 193.7320	NGN 199.7386	
Norway							
Oslo 028	Norwegian krone = 100 øre NOK	B	USD 1 =	NOK 6.0326	NOK 5.9310	NOK 6.1436	NOK 5.8377
		S	USD 1 =	NOK 6.0546	NOK 5.9530	NOK 6.1656	NOK 5.8597
	B	EUR 1 =	NOK 7.9745	NOK 8.2343	NOK 8.0629	NOK 7.7992	
	S	EUR 1 =	NOK 8.0045	NOK 8.2643	NOK 8.0929	NOK 7.8292	
Oman							
Muscat 649	Rial Omani = 1,000 baisa OMR	B	USD 1 =	OMR 0.3840	OMR 0.3840	OMR 0.3840	OMR 0.3840
		S	USD 1 =	OMR 0.3850	OMR 0.3850	OMR 0.3850	OMR 0.3850
	B	EUR 1 =	OMR 0.5055776	OMR 0.5355264	OMR 0.5030016	OMR 0.5080320	
	S	EUR 1 =	OMR 0.5070001	OMR 0.5369980	OMR 0.5043500	OMR 0.5093935	
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa PKR	B	USD 1 =	PKR 85.10	PKR 85.75	PKR 85.60	PKR 85.70
		S	USD 1 =	PKR 85.30	PKR 85.95	PKR 85.80	PKR 85.90
	B	EUR 1 =	PKR 112.88	PKR 119.21	PKR 112.20	PKR 113.93	
	S	EUR 1 =	PKR 113.14	PKR 119.48	PKR 112.46	PKR 114.19	
Panama 1							
Panama City 442	Balboa = 100 centésimos PAB	3	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
Papua New Guinea							
Port Moresby 801	Kina = 100 toea PGK	B	PGK 1 =	USD 0.3885	USD 0.4010	USD 0.3990	USD 0.4030
		S	PGK 1 =	USD 0.3469	USD 0.3590	USD 0.3570	USD 0.3610
	B	PGK 1 =	EUR 0.2880	EUR 0.2835	EUR 0.2984	EUR 0.2978	
	S	PGK 1 =	EUR 0.2693	EUR 0.2630	EUR 0.2779	EUR 0.2773	

Source: Central bank or a commercial bank of the country concerned. — countries, see pp 65–68. — 2 Value against the euro. — 3 Parity in relation
* See Explanatory notes, p 61. — 1 Explanatory notes on individual to US dollar; for rates see United States.

IV Overview of world currencies *

1 Currencies and exchange rates in individual countries (cont'd)

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Paraguay							
Asunción 520	Guarani = 100 céntimos	B S	USD 1 = USD 1 =	PYG 4,733.88 PYG 4,752.63	PYG 4,936.50 PYG 4,942.60	PYG 4,639.01 PYG 4,696.12	PYG 4,538.91 PYG 4,591.74
	PYG	V, B V, S	EUR 1 = EUR 1 =	PYG 6,251.64 PYG 6,276.70	PYG 6,840.51 PYG 6,848.96	PYG 6,029.79 PYG 6,104.02	PYG 6,027.67 PYG 6,097.83
Peru							
Lima 504	Nuevo sol = 100 céntimos	B S	USD 1 = USD 1 =	PEN 2.823 PEN 2.824	PEN 2.796 PEN 2.798	PEN 2.831 PEN 2.832	PEN 2.808 PEN 2.809
	PEN	B S	EUR 1 = EUR 1 =	PEN 3.623 PEN 3.827	PEN 3.833 PEN 4.001	PEN 3.550 PEN 3.798	PEN 3.583 PEN 3.758
Philippines							
Manila 708	Philippine peso = 100 centavos	B S	USD 1 = USD 1 =	PHP 44.67307 PHP 45.37818	PHP 42.67323 PHP 43.34677	PHP 43.65548 PHP 44.34452	PHP 43.49673 PHP 44.18327
	PHP	B S	EUR 1 = EUR 1 =	PHP 58.90060 PHP 60.37605	PHP 59.17181 PHP 60.65405	PHP 57.02694 PHP 58.45546	PHP 57.25688 PHP 58.69115
Poland							
Warsaw 060	Polish zloty = 100 groszy	M	USD 1 =	PLN 3.0179	PLN 2.8873	PLN 3.1308	PLN 2.9641
	PLN	M	EUR 1 =	PLN 3.9902	PLN 3.9944	PLN 4.0734	PLN 3.9603
Portugal							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3257	USD 1.3857	USD 1.2998	USD 1.3362
Qatar							
Doha 644	Qatari riyal = 100 dirham	B S	USD 1 = USD 1 =	QAR 3.6300 QAR 3.6502	QAR 3.6300 QAR 3.6502	QAR 3.6300 QAR 3.6502	QAR 3.6300 QAR 3.6502
	QAR	B S	EUR 1 = EUR 1 =	QAR 4.755 QAR 4.852	QAR 4.965 QAR 5.084	QAR 4.691 QAR 4.809	QAR 4.778 QAR 4.896
Romania							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 3.1804	RON 3.0904	RON 3.2861	RON 3.2045
		M	EUR 1 =	RON 4.2118	RON 4.2664	RON 4.2842	RON 4.2848
Russian Federation							
Moscow 075	Russian rouble = 100 kopeken RUB	M	USD 1 =	RUB 30.3738	RUB 30.7821	RUB 31.3061	RUB 30.4769
		M	EUR 1 =	RUB 40.1879	RUB 42.7256	RUB 41.5682	RUB 40.3331

Source: Central bank or a commercial bank of the country concerned. —
* See Explanatory notes, p 61. — 1 Explanatory notes on individual
countries, see pp 65–68.

IV Overview of world currencies *

1 Currencies and exchange rates in individual countries (cont'd)

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B S	USD 1 = USD 1 =	RWF 579.975461 RWF 586.977042	RWF 587.000275 RWF 594.086797	RWF 589.460983 RWF 596.577213	RWF 590.883300 RWF 598.016700
	RWF	B S	EUR 1 = EUR 1 =	RWF 768.640855 RWF 777.919748	RWF 811.469180 RWF 821.265588	RWF 776.143277 RWF 785.513215	RWF 775.416155 RWF 784.777315
Saint Helena, Ascension and Tristan da Cunha							
Jamestown 329	Saint Helena pound = 100 pence SHP	2	SHP 1 =	GBP 1	GBP 1	GBP 1	GBP 1
Saint Kitts and Nevis							
Basseterre 449	East Caribbean dollar = 100 cents	B S	USD 1 = USD 1 =	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169
	XCD	V, B V, S	EUR 1 = EUR 1 =	XCD 3.5637 XCD 3.6018	XCD 3.7250 XCD 3.7648	XCD 3.4941 XCD 3.5314	XCD 3.5920 XCD 3.6303
Saint Lucia							
Castries 465	East Caribbean dollar = 100 cents	B S	USD 1 = USD 1 =	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169
	XCD	V, B V, S	EUR 1 = EUR 1 =	XCD 3.5637 XCD 3.6018	XCD 3.7250 XCD 3.7648	XCD 3.4941 XCD 3.5314	XCD 3.5920 XCD 3.6303
Saint Vincent and the Grenadines							
Kingstown 467	East Caribbean dollar = 100 cents	B S	USD 1 = USD 1 =	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169
	XCD	V, B V, S	EUR 1 = EUR 1 =	XCD 3.5637 XCD 3.6018	XCD 3.7250 XCD 3.7648	XCD 3.4941 XCD 3.5314	XCD 3.5920 XCD 3.6303
Samoa							
Apia 819	Tala = 100 sene	B S	WST 1 = WST 1 =	USD 0.4112 USD 0.3942	USD 0.4282 USD 0.4112	USD 0.4214 USD 0.4044	USD 0.4365 USD 0.4195
	WST	B S	WST 1 = WST 1 =	EUR 0.3195 EUR 0.2928	EUR 0.3221 EUR 0.2901	EUR 0.3367 EUR 0.3047	EUR 0.3405 EUR 0.3085
Sao Tome and Principe ¹							
São Tomé 311	Dobra = 100 céntimos	B S	USD 1 = USD 1 =	STD 18,575.96 STD 18,854.59	STD 17,680.59 STD 17,945.80	STD 18,636.85 STD 18,916.40	STD 18,448.80 STD 18,725.53
	STD	B S	EUR 1 = EUR 1 =	STD 24,500.00 STD 24,500.00	STD 24,500.00 STD 24,500.00	STD 24,500.00 STD 24,500.00	STD 24,500.00 STD 24,500.00
Saudi Arabia							
Riyadh 632	Saudi riyal = 100 halalah	B S	USD 1 = USD 1 =	SAR 3.7440 SAR 3.7540	SAR 3.7440 SAR 3.7540	SAR 3.7440 SAR 3.7540	SAR 3.7440 SAR 3.7540
	SAR	B S	EUR 1 = EUR 1 =	SAR 4.8754 SAR 5.0975	SAR 5.1468 SAR 5.3963	SAR 4.8312 SAR 5.0283	SAR 4.9410 SAR 5.1805

Source: Central bank or a commercial bank of the country concerned. — countries, see pp 65–68. — 2 Value against the pound sterling; for rates see
* See Explanatory notes, p 61. — 1 Explanatory notes on individual United Kingdom.

IV Overview of world currencies *

1 Currencies and exchange rates in individual countries (cont'd)

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Senegal ¹							
Dakar 248	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Serbia							
Belgrade 099	Serbian dinar = 100 para	B	USD 1 =	RSD 77.7077	RSD 77.1037	RSD 81.5139	RSD 79.0424
		S	USD 1 =	RSD 78.1754	RSD 77.5677	RSD 82.0045	RSD 79.5180
	RSD	B	EUR 1 =	RSD 102.7409	RSD 107.1047	RSD 106.8729	RSD 105.1817
		S	EUR 1 =	RSD 103.3592	RSD 107.7493	RSD 107.5161	RSD 105.8147
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 11.8922	SCR 12.0579	SCR 12.0284	SCR 11.8399
		S	USD 1 =	SCR 12.3411	SCR 12.5561	SCR 12.4998	SCR 12.4487
	SCR	B	EUR 1 =	SCR 15.7199	SCR 16.5776	SCR 15.7882	SCR 15.9167
		S	EUR 1 =	SCR 16.3289	SCR 17.4296	SCR 16.5251	SCR 16.4001
Sierra Leone							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 3,947.92	SLL 4,073.33	SLL 4,149.60	SLL 4,156.03
		S	USD 1 =	SLL 4,027.68	SLL 4,155.62	SLL 4,233.43	SLL 4,239.99
	SLL	V, B	EUR 1 =	SLL 5,214.85	SLL 5,644.41	SLL 5,393.65	SLL 5,553.29
		V, S	EUR 1 =	SLL 5,320.20	SLL 5,758.44	SLL 5,502.61	SLL 5,665.47
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.3609	SGD 1.2987	SGD 1.3191	SGD 1.2875
		M	EUR 1 =	SGD 1.8039	SGD 1.8056	SGD 1.7289	SGD 1.7120
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3257	USD 1.3857	USD 1.2998	USD 1.3362
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3257	USD 1.3857	USD 1.2998	USD 1.3362
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents	B	SBD 1 =	USD 0.1261	USD 0.1262	USD 0.1262	USD 0.1253
		S	SBD 1 =	USD 0.1219	USD 0.1218	USD 0.1218	USD 0.1227
	SBD	B	SBD 1 =	EUR 0.0966	EUR 0.0915	EUR 0.0971	EUR 0.0966
		S	SBD 1 =	EUR 0.0916	EUR 0.0869	EUR 0.0922	EUR 0.0917

Source: Central bank or a commercial bank of the country concerned. —
* See Explanatory notes, p 61. — ¹ Explanatory notes on individual
countries, see pp 65–68. — ² Value against the euro.

IV Overview of world currencies *

1 Currencies and exchange rates in individual countries (cont'd)

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Somalia ¹							
Mogadishu 342	Somali shilling	B	USD 1 =	:	:	:	:
	SOS	S	USD 1 =	:	:	:	:
South Africa							
Pretoria Seat of Parliament: Cape Town 388	South African rand = 100 cents	B	USD 1 =	ZAR 7.1320	ZAR 6.7811	ZAR 6.9466	ZAR 6.4725
		S	USD 1 =	ZAR 7.4329	ZAR 7.0986	ZAR 7.2641	ZAR 6.7400
	ZAR	B	EUR 1 =	ZAR 9.4523	ZAR 9.4250	ZAR 9.0189	ZAR 8.6528
		S	EUR 1 =	ZAR 9.8789	ZAR 9.8831	ZAR 9.4682	ZAR 9.0374
Spain							
Madrid 011	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3257	USD 1.3857	USD 1.2998	USD 1.3362
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 112.24	LKR 110.96	LKR 110.65	LKR 110.20
		S	USD 1 =	LKR 113.84	LKR 112.64	LKR 112.33	LKR 112.02
	LKR	B	EUR 1 =	LKR 148.08	LKR 153.46	LKR 144.29	LKR 145.51
		S	EUR 1 =	LKR 151.69	LKR 157.32	LKR 148.49	LKR 150.04
Sudan							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 2.3259	SDG 2.3660	SDG 2.4124	SDG 2.4980
		S	USD 1 =	SDG 2.3375	SDG 2.3778	SDG 2.4245	SDG 2.5105
	SDG	B	EUR 1 =	SDG 3.0681	SDG 3.3096	SDG 3.1590	SDG 3.3064
		S	EUR 1 =	SDG 3.0834	SDG 3.3261	SDG 3.1748	SDG 3.3229
Suriname							
Paramaribo 492	Surinamese dollar = 100 cent	B	USD 1 =	SRD 2.710	SRD 2.710	SRD 2.710	SRD 2.710
		S	USD 1 =	SRD 2.780	SRD 2.780	SRD 2.780	SRD 2.780
	SRD	B	EUR 1 =	SRD 3.577	SRD 3.755	SRD 3.563	SRD 3.599
		S	EUR 1 =	SRD 3.670	SRD 3.852	SRD 3.655	SRD 3.692
Swaziland ¹							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 7.2816	SZL 6.9728	SZL 7.0867	SZL 6.6129
		S	USD 1 =	SZL 7.3578	SZL 7.0728	SZL 7.1867	SZL 6.6219
	SZL	B	EUR 1 =	SZL 9.60575	SZL 9.67340	SZL 9.29420	SZL 8.82950
		S	EUR 1 =	SZL 9.70568	SZL 9.81350	SZL 9.42820	SZL 8.84290
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 7.1721	SEK 6.7425	SEK 6.9750	SEK 6.7700
		S	USD 1 =	SEK 7.2396	SEK 6.8100	SEK 7.0425	SEK 6.8375
	SEK	B	EUR 1 =	SEK 9.5064	SEK 9.3820	SEK 9.1670	SEK 8.9855
		S	EUR 1 =	SEK 9.5579	SEK 9.4335	SEK 9.2185	SEK 9.0370

Source: Central bank or a commercial bank of the country concerned. —
* See Explanatory notes, p 61. — ¹ Explanatory notes on individual
countries, see pp 65–68.

IV Overview of world currencies *

1 Currencies and exchange rates in individual countries (cont'd)

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Switzerland							
Berne 039	Swiss franc = 100 rappen / centimes CHF	B	USD 1 =	CHF 1.0416	CHF 0.9890	CHF 0.9987	CHF 0.9366
		B	EUR 1 =	CHF 1.3772	CHF 1.3687	CHF 1.2996	CHF 1.2507
Syrian Arab Republic							
Damascus 608	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 46.47	SYP 46.07	SYP 46.80	SYP 46.71
		S	USD 1 =	SYP 46.74	SYP 46.53	SYP 47.28	SYP 47.17
		B	EUR 1 =	SYP 61.17	SYP 64.24	SYP 60.90	SYP 61.80
		S	EUR 1 =	SYP 61.55	SYP 64.88	SYP 61.52	SYP 62.42
Tajikistan							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 4.3796	TJS 4.3852	TJS 4.3998	TJS 4.4031
		M	EUR 1 =	TJS 5.8333	TJS 6.1244	TJS 5.8335	TJS 5.9105
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 1,387.6302	TZS 1,467.0796	TZS 1,455.6626	TZS 1,438.8556
		S	USD 1 =	TZS 1,415.9492	TZS 1,497.0200	TZS 1,485.3700	TZS 1,468.2200
		B	EUR 1 =	TZS 1,831.9167	TZS 2,036.1598	TZS 1,924.5315	TZS 1,912.9585
		S	EUR 1 =	TZS 1,869.7896	TZS 2,078.6123	TZS 1,964.2533	TZS 1,952.4390
Thailand							
Bangkok 680	Thai baht = 100 satang THB	B	USD 1 =	THB 31.5552	THB 29.8284	THB 30.0772	THB 30.0063
		S	USD 1 =	THB 31.8383	THB 30.1135	THB 30.3614	THB 30.2963
		B	EUR 1 =	THB 41.6724	THB 41.3521	THB 39.3651	THB 39.6323
		S	EUR 1 =	THB 42.2944	THB 41.9811	THB 39.9706	THB 40.2464
Togo 1							
Lomé 280	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Tonga							
Nuku'alofa 817	Pa'anga = 100 seniti TOP	B	TOP 1 =	USD 0.5491	USD 0.5738	USD 0.5775	USD 0.5881
		S	TOP 1 =	USD 0.5126	USD 0.5259	USD 0.5294	USD 0.5390
		B	TOP 1 =	EUR 0.4320	EUR 0.4352	EUR 0.4660	EUR 0.4705
		S	TOP 1 =	EUR 0.3787	EUR 0.3673	EUR 0.3933	EUR 0.3971
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.3128	TTD 6.2903	TTD 6.2873	TTD 6.3297
		S	USD 1 =	TTD 6.3751	TTD 6.3579	TTD 6.3962	TTD 6.4234
		B	EUR 1 =	TTD 8.2551	TTD 8.9209	TTD 8.1352	TTD 8.3153
		S	EUR 1 =	TTD 8.5410	TTD 9.0121	TTD 8.3998	TTD 8.6776

Source: Central bank or a commercial bank of the country concerned. —
* See Explanatory notes, p 61. — 1 Explanatory notes on individual
countries, see pp 65–68. — 2 Value against the euro.

IV Overview of world currencies *

1 Currencies and exchange rates in individual countries (cont'd)

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes	B	USD 1 =	TND 1.4209	TND 1.3854	TND 1.4427	TND 1.4236
		S	USD 1 =	TND 1.4352	TND 1.3993	TND 1.4571	TND 1.4378
	TND	B	EUR 1 =	TND 1.8805	TND 1.9211	TND 1.8911	TND 1.9032
		S	EUR 1 =	TND 1.8993	TND 1.9403	TND 1.9100	TND 1.9222
Turkey							
Ankara 052	Turkish lira = 100 kuruş	B	USD 1 =	TRY 1.5009	TRY 1.4301	TRY 1.4863	TRY 1.5460
		S	USD 1 =	TRY 1.5082	TRY 1.4370	TRY 1.4935	TRY 1.5535
	TRY	B	EUR 1 =	TRY 1.9865	TRY 1.9746	TRY 1.9624	TRY 2.0491
		S	EUR 1 =	TRY 1.9960	TRY 1.9841	TRY 1.9719	TRY 2.0590
Turkmenistan							
Ashgabat 080	Turkmen manat = 100 tenge TMT	M	USD 1 =	TMT 2.85	TMT 2.85	TMT 2.85	TMT 2.85
		M	EUR 1 =	TMT 3.7792	TMT 3.9401	TMT 3.7834	TMT 3.7737
Uganda							
Kampala 350	Uganda shilling	B	USD 1 =	UGX 2,188.44	UGX 2,281.91	UGX 2,298.37	UGX 2,314.65
		S	USD 1 =	UGX 2,198.71	UGX 2,286.86	UGX 2,308.63	UGX 2,325.13
	UGX	B	EUR 1 =	UGX 2,888.07	UGX 3,144.24	UGX 3,078.44	UGX 3,074.55
		S	EUR 1 =	UGX 2,901.38	UGX 3,151.06	UGX 3,092.15	UGX 3,088.47
Ukraine							
Kyiv 072	Hryvnia = 100 kopeken UAH	M	USD 100 =	UAH 793.50	UAH 791.16	UAH 793.80	UAH 796.17
		M	EUR 100 =	UAH 1,052.6138	UAH 1,096.3104	UAH 1,043.5295	UAH 1,057.3138
United Arab Emirates ¹							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils	B	USD 1 =	AED 3.653	AED 3.653	AED 3.653	AED 3.653
		S	USD 1 =	AED 3.685	AED 3.685	AED 3.685	AED 3.685
	AED	B	EUR 1 =	AED 4.75648	AED 5.02487	AED 4.77140	AED 4.76888
		S	EUR 1 =	AED 4.95208	AED 5.24401	AED 4.96713	AED 4.96414
United Kingdom ¹							
London 006	Pound sterling = 100 pence GBP	M	GBP 1 =	USD 1.5460	USD 1.5988	USD 1.5573	USD 1.5655
		M	EUR 1 =	GBP 0.8570	GBP 0.8693	GBP 0.8359	GBP 0.8569
United States							
Washington 400	US dollar = 100 cents	B	EUR 1 =	USD 1.3245	USD 1.3918	USD 1.2983	USD 1.3379
		S	EUR 1 =	USD 1.3248	USD 1.3924	USD 1.2988	USD 1.3382
	USD	B	GBP 1 =	USD 1.5458	USD 1.6024	USD 1.5556	USD 1.5599
		S	GBP 1 =	USD 1.5462	USD 1.6028	USD 1.5559	USD 1.5604

Source: Central bank or a commercial bank of the country concerned. —
* See Explanatory notes, p 61. — ¹ Explanatory notes on individual
countries, see pp 65–68.

IV Overview of world currencies *

1 Currencies and exchange rates in individual countries (cont'd)

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2010	Rate at end of month		
					October 2010	November 2010	December 2010
Uruguay							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	B / S B / S	USD 1 =	UYU 20.129	UYU 20.001	UYU 19.950	UYU 20.094
			EUR 1 =	UYU 26.58	UYU 27.82	UYU 26.00	UYU 26.66
Uzbekistan							
Tashkent 081	Uzbekistan sum = 100 tijn UZS	M M	USD 1 =	UZS 1,588.58	UZS 1,626.30	UZS 1,633.90	UZS 1,640.00
			EUR 1 =	UZS 2,149.94	UZS 2,259.78	UZS 2,183.71	UZS 2,165.13
Vanuatu							
Port Vila 816	Vatu VUV	B S	USD 1 =	VUV 96.92	VUV 93.73	VUV 93.60	VUV 92.23
			USD 1 =	VUV 102.31	VUV 99.01	VUV 99.20	VUV 97.62
		B S	EUR 1 =	VUV 128.35	VUV 129.57	VUV 125.50	VUV 122.44
			EUR 1 =	VUV 133.73	VUV 135.05	VUV 130.82	VUV 127.62
Venezuela, Bolivarian Republic of ¹							
Caracas 484	Bolívar fuerte = 100 céntimos VEF	² B S	USD 1 =	VEF 2.5935 ²	VEF 2.5935	VEF 2.5935	VEF 2.5935
			USD 1 =	VEF 2.6000	VEF 2.6000	VEF 2.6000	VEF 2.6000
		B S	EUR 1 =	VEF 3.4289983	VEF 3.6085959	VEF 3.3663630	VEF 3.4618038
			EUR 1 =	VEF 3.4383586	VEF 3.6189400	VEF 3.3750600	VEF 3.4723000
B S	³ USD 1 =	USD 1 =	VEF 4.2893 ³	VEF 4.2893	VEF 4.2893	VEF 4.2893	
		USD 1 =	VEF 4.3000	VEF 4.3000	VEF 4.3000	VEF 4.3000	
B S	EUR 1 =	EUR 1 =	VEF 5.67110176	VEF 5.96813202	VEF 5.56751140	VEF 5.72535764	
		EUR 1 =	VEF 5.68651614	VEF 5.98517000	VEF 5.58183000	VEF 5.74265000	
Viet Nam							
Hanoi 690	Dong = 10 hào = 100 xu VND	B S	USD 1 =	VND 19,149	VND 19,495	VND 19,495	VND 19,495
			USD 1 =	VND 19,195	VND 19,500	VND 19,500	VND 19,500
		B S	EUR 1 =	VND 25,606.67	VND 27,997.46	VND 27,820.71	VND 27,318.96
			EUR 1 =	VND 25,980.11	VND 28,418.70	VND 28,337.78	VND 27,767.23
Yemen							
Sana'a 653	Yemeni rial = 100 fils YER	B S	USD 1 =	YER 219.64	YER 214.00	YER 213.80	YER 213.75
			USD 1 =	YER 220.04	YER 214.20	YER 214.00	YER 213.85
		B S	EUR 1 =	YER 290.09	YER 298.53	YER 283.09	YER 282.86
			EUR 1 =	YER 290.62	YER 298.81	YER 283.36	YER 282.99
Zambia							
Lusaka 378	Kwacha = 100 ngwee ZMK	B S	USD 1 =	ZMK 4,821.42	ZMK 4,650.21	ZMK 4,921.88	ZMK 4,786.11
			USD 1 =	ZMK 4,841.41	ZMK 4,670.21	ZMK 4,941.88	ZMK 4,806.11
		B S	EUR 1 =	ZMK 6,365.45	ZMK 6,467.51	ZMK 6,399.42	ZMK 6,400.46
			EUR 1 =	ZMK 6,393.19	ZMK 6,495.79	ZMK 6,427.40	ZMK 6,427.69
Zimbabwe ¹							
Harare 382	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =
		M	EUR 1 =

Source: Central bank or a commercial bank of the country concerned. — * See Explanatory notes, p 61. — ¹ Explanatory notes on individual countries, see pp 65–68. — ² Official rate I; averages from 11 January to

31 December 2010. — ³ Official rate II; averages from 11 January to 31 December 2010.

V Value of the special drawing right in selected currencies *

1 End of year

SDR 1 = CU ...

Period	US dollar USD	Euro EUR	Pound sterling GBP	Japanese yen JPY	Canadian dollar CAD	Swiss franc CHF	Swedish krona SEK	Danish krone DKK	Norwegian krone NOK
1999	1.37251	1.36467	0.848150	140.111	1.98094	2.19297	11.6873	10.1549	11.0218
2000	1.30291	1.40022	0.873149	149.704	1.95462	2.13221	12.4232	10.4500	11.5288
2001	1.25673	1.42474	0.866469	165.491	2.00147	2.10605	13.3943	10.5685	11.3251
2002	1.35952	1.29639	0.843483	162.414	2.14750	1.88539	11.9542	9.62844	9.47006
2003	1.48597	1.17654	0.832619	158.575	1.92047	1.83800	10.7715	8.82099	9.91886
2004	1.55301	1.14016	0.804085	161.161	1.86920	1.75738	10.2351	8.46296	9.37796
2005	1.42927	1.21155	0.830055	168.610	1.66418	1.87848	11.3363	9.03881	9.67427
2006	1.50440	1.14229	0.766377	178.948	1.75308	1.83582	10.3390	8.51702	9.41017
2007	1.58025	1.07346	0.788780	179.947	1.56144	1.77857	10.2088	8.02021	8.55074
2008	1.54027	1.10675	1.05657	140.464	1.88621	1.63839	12.0833	8.18003	10.7802
2009	1.56769	1.08822	0.968007	143.797	1.64075	1.61551	11.3070	8.10688	9.05608
2010	1.54003	1.15966	0.997755	125.436	1.54142	1.44702	10.4761	8.64469	9.06742

 Source: IMF, Washington. — * See Explanatory notes, pp 61–62. —
1 ISO currency code: XDR.

2 End of month

SDR 1 = CU ...

Period	US dollar USD	Euro EUR	Pound sterling GBP	Japanese yen JPY	Canadian dollar CAD	Swiss franc CHF	Swedish krona SEK	Danish krone DKK	Norwegian krone NOK
2007 May	1.51286	1.12455	0.765111	183.994	1.61860	1.85567	10.4728	8.37654	9.13084
June	1.51557	1.12223	0.755932	186.764	1.61166	1.85900	10.4195	8.35185	8.94702
July	1.53122	1.11711	0.753812	182.139	1.63183	1.84620	10.2669	8.31228	8.89166
Aug	1.53263	1.11830	0.758766	178.092	1.61907	1.84804	10.4947	8.33028	8.88376
Sep	1.55665	1.09786	0.766331	179.093	1.55089	1.82128	10.1104	8.18391	8.47379
Oct	1.57188	1.08804	0.758047	180.374	1.49313	1.82307	10.0050	8.11089	8.47688
Nov	1.59018	1.07728	0.769539	175.397	1.59145	1.78195	10.0850	8.03387	8.74103
Dec	1.58025	1.07346	0.788780	179.947	1.56144	1.77857	10.2088	8.02021	8.55074
2008 Jan	1.59527	1.07281	0.799955	169.672	1.59877	1.72225	10.1419	7.99546	8.66401
Feb	1.61055	1.06188	0.811978	168.673	1.57802	1.68512	9.92911	7.91264	8.37872
Mar	1.64450	1.04003	0.827007	164.614	1.69038	1.63447	9.78474	7.75530	8.37332
Apr	1.62378	1.04490	0.825593	169.003	1.63920	1.68646	9.75486	7.79709	8.33208
May	1.62069	1.04507	0.821227	171.242	1.61129	1.69978	9.77278	7.79484	8.26439
June	1.63362	1.03630	0.82021	173.817	1.66400	1.66253	9.74697	7.72863	8.29972
July	1.62088	1.03829	0.818418	175.039	1.66254	1.69820	9.81441	7.74701	8.32757
Aug	1.56988	1.06541	0.858369	171.273	1.66815	1.72310	10.0511	7.94578	8.46303
Sep	1.55722	1.08874	0.865217	162.418	1.65050	1.71559	10.5580	8.12328	9.07252
Oct	1.48830	1.16665	0.920175	146.300	1.81051	1.71645	11.5864	8.68764	9.95154
Nov	1.48797	1.16914	0.970243	141.729	1.84092	1.80014	11.8591	8.71209	10.4287
Dec	1.54027	1.10675	1.05657	140.464	1.88621	1.63839	12.0833	8.18003	10.7802
2009 Jan	1.49192	1.16411	1.04316	133.676	1.84461	1.73332	12.2860	8.67626	10.3460
Feb	1.46736	1.16052	1.03372	143.141	1.86458	1.72445	13.2833	8.64633	10.3123
Mar	1.49507	1.12344	1.04259	146.667	1.88409	1.70199	12.3867	8.36764	9.98742
Apr	1.49783	1.12831	1.01041	146.188	1.78841	1.70079	11.9602	8.40400	9.84388
May	1.54805	1.09806	0.958368	149.387	1.69682	1.66152	11.8581	8.17541	9.74915
June	1.55223	1.09822	0.937339	148.936	1.80446	1.67687	11.9327	8.17855	9.90383
July	1.55333	1.09869	0.937664	148.079	1.67604	1.68381	11.4480	8.18090	9.57506
Aug	1.56606	1.09730	0.957992	145.174	1.71750	1.66394	11.1739	8.16733	9.44448
Sep	1.58437	1.08200	0.983294	142.229	1.69876	1.63032	11.1025	8.05477	9.15374
Oct	1.58989	1.07425	0.962399	145.284	1.71295	1.62630	11.1531	7.99571	9.01453
Nov	1.61018	1.07181	0.977469	139.683	1.70261	1.61437	11.2109	7.97684	9.12375
Dec	1.56769	1.08822	0.968007	143.797	1.64075	1.61551	11.3070	8.10688	9.05608
2010 Jan	1.55419	1.11284	0.963066	139.644	1.65522	1.63159	11.3961	8.28432	9.13868
Feb	1.53258	1.12939	1.00676	136.783	1.61320	1.65105	11.0001	8.40576	9.08422
Mar	1.51824	1.12637	1.00214	141.576	1.54192	1.60964	11.0186	8.38553	9.08306
Apr	1.51112	1.13490	0.985853	142.136	1.52865	1.62823	10.9178	8.48356	8.90274
May	1.47433	1.19051	1.01120	134.606	1.54790	1.69430	11.5698	8.85865	9.47831
June	1.47890	1.20520	0.984291	131.030	1.56852	1.59898	11.4947	8.97722	9.60836
July	1.51852	1.16558	0.974906	131.352	1.56255	1.57835	10.9827	8.68470	9.25523
Aug	1.50891	1.18999	0.979557	127.126	1.60533	1.54090	11.2150	8.85928	9.54918
Sep	1.55619	1.14023	0.977871	129.786	1.60256	1.51417	10.4848	8.49697	9.08538
Oct	1.57179	1.13429	0.987177	126.654	1.60133	1.55481	10.6488	8.45745	9.29213
Nov	1.52578	1.17385	0.982598	128.394	1.56606	1.52242	10.6919	8.74868	9.49767
Dec	1.54003	1.15966	0.997755	125.436	1.54142	1.44702	10.4761	8.64469	9.06742

 Source: IMF, Washington. — * See Explanatory notes, pp 61–62. —
1 ISO currency code: XDR.

V Value of the special drawing right in selected currencies *

3 Daily rates

SDR 1 = CU ...

Period	US dollar USD	Euro EUR	Pound sterling GBP	Japanese yen JPY	Canadian dollar CAD	Swiss franc CHF	Swedish krona SEK	Danish krone DKK	Norwegian krona NOK
2010 Sep 17	1.52454	1.16734	0.973530	130.806	1.57501	1.54848	10.6985	8.69293	9.29791
20	1.52475	1.16624	0.976839	.	1.56759	1.53191	10.7304	8.68538	9.27627
21	1.52578	1.16294	0.983236	130.530	1.57384	1.52914	10.6576	8.66258	9.22152
22	1.53946	1.15195	0.983120	130.623	1.58980	1.52283	10.5569	8.58185	9.09637
23	1.53818	1.15453	0.980546	.	1.58586	1.51711	10.5942	8.60074	9.14328
24	1.54183	1.14959	0.981682	130.362	1.58238	1.50976	10.6463	8.56502	9.13643
27	1.54560	1.14684	0.975448	130.247	1.58578	1.52164	10.5139	8.54438	9.07663
28	1.54546	1.14819	0.974564	130.128	1.59275	1.52321	10.6869	8.55564	9.14762
29	1.55227	1.14045	0.982695	130.313	1.59884	.	10.4157	8.49834	9.08604
30	1.55619	1.14023	0.977871	129.786	1.60256	1.51417	10.4848	8.49697	9.08538
Oct 1	1.55873	1.13561	0.985105	130.154	1.59225	1.52522	10.4357	8.46281	9.13025
4	1.55705	1.13611	0.983855	129.749	1.59348	1.51500	10.4906	8.46876	9.12301
5	1.56059	1.13250	0.983362	130.777	1.58681	1.51143	10.5535	8.44267	9.10656
6	1.56408	1.12881	0.984446	130.100	1.57550	1.50997	10.4090	8.41496	9.06890
7	1.57191	1.12521	0.986514	130.390	1.59801	1.50778	10.5043	8.38961	9.09513
8	1.56775	1.12999	0.987625	129.136	1.58907	1.51790	10.4647	8.42538	9.15298
12	1.56567	1.13184	0.987996	128.291	1.58289	1.50821	10.4861	8.44003	9.19506
13	1.57306	1.12699	0.992526	128.676	1.57777	1.50541	10.4294	8.40343	9.16809
14	1.57970	1.12027	0.986699	128.272	1.58539	1.50356	10.3312	8.35394	9.03996
15	1.58064	1.12190	0.985066	128.948	1.59771	1.50714	10.3650	8.36540	9.07886
18	1.57226	1.13145	0.989159	127.825	1.59569	1.50670	10.5145	8.43789	9.22135
19	1.57163	1.13402	0.995084	127.774	1.61847	1.51050	10.5103	8.45680	9.26381
20	1.56780	1.13109	0.997586	127.588	1.60621	1.51136	10.6023	8.43569	9.22790
21	1.57656	1.12483	0.999340	127.859	1.61329	1.51744	10.4841	8.38933	9.15441
22	1.57062	1.12718	1.000460	127.518	1.61192	1.52837	10.4760	8.40626	9.17869
25	1.57786	1.12455	1.002260	127.412	1.60910	1.53037	10.3350	8.38680	9.10158
26	1.57414	1.13150	0.991395	127.190	1.60924	1.53022	10.4051	8.43832	9.18780
27	1.56756	1.13566	0.989061	127.991	1.61772	1.54624	10.6241	8.47027	9.25001
28	1.56956	1.13268	0.988445	128.139	1.60126	1.54633	10.5749	8.44802	9.23139
29	1.57179	1.13429	0.987177	126.654	1.60133	1.55481	10.6488	8.45745	9.29213
Nov 1	1.57742	1.13271	0.981836	127.219	1.59887	.	10.5135	8.44659	.
2	1.57715	1.12509	0.986894	127.055	1.59277	1.55160	10.4841	8.38919	9.22918
3	1.58144	1.12847	0.979403	.	1.59599	1.54855	10.5205	8.41312	9.26252
4	1.58868	1.11534	0.982067	128.397	1.59250	1.53673	10.3940	8.31456	9.08777
5	1.58494	1.12535	0.975705	128.063	1.58731	1.51837	10.3536	8.38778	9.13668
8	1.57457	1.13140	0.976410	127.886	1.57803	1.52308	10.4709	8.43291	9.14729
9	1.57818	1.13172	0.975695	127.754	1.58024	1.51758	10.6646	8.43633	9.14085
10	1.56559	1.13696	0.973625	127.987	1.56825	.	10.5560	8.47422	9.18206
11	1.56333	1.14111	0.969265	128.537	.	1.51737	.	8.50557	9.23267
12	1.56245	1.13956	0.973189	128.746	1.57495	1.52355	10.7575	8.49459	9.26801
15	1.55708	1.14273	0.969782	128.801	1.56720	1.53232	10.7477	8.51796	9.29760
16	1.55491	1.14231	0.972611	129.151	1.59083	1.53081	10.6823	.	9.32932
17	1.54854	1.14868	0.975087	129.148	1.58059	1.54343	10.8011	8.56340	9.40194
18	1.55680	1.14076	0.973482	129.588	1.58389	1.53547	10.7419	8.50434	9.31090
19	1.56023	1.14102	0.971619	130.358	1.59269	1.54401	10.7071	8.50673	9.35637
22	1.55856	1.14205	0.973795	130.062	1.58770	1.54157	10.6372	8.51520	9.37286
23	1.55204	1.15000	0.974099	.	1.59006	1.53466	10.7401	8.57361	9.43806
24	1.54124	1.15544	0.977508	128.262	1.55789	1.53631	10.7656	8.61356	9.41052
29	1.53136	1.16489	0.982270	128.787	1.56612	1.53427	10.6430	8.68342	9.46871
30	1.52578	1.17385	0.982598	128.394	1.56606	1.52242	10.6919	8.74868	9.49767
Dec 1	1.52995	1.16657	0.980613	127.965	1.55443	1.53883	10.6905	8.69429	9.40247
2	1.53107	1.16387	0.982270	128.763	1.53811	1.53291	10.6869	8.67318	9.38069
3	1.53662	1.16006	0.983313	128.615	1.54584	1.52694	10.6180	8.64581	9.28626
6	1.53920	1.15904	0.982511	127.569	1.54813	1.51719	10.5589	8.63767	9.24736
7	1.54529	1.15640	0.978838	127.641	1.55967	1.51114	10.5466	8.61824	9.21184
8	1.53624	1.16382	0.973473	128.891	.	1.51750	10.6347	8.67566	9.26690
9	1.53462	1.16136	0.975106	128.677	1.54965	1.51666	10.5236	8.65846	9.23856
10	1.53834	1.16154	0.970996	128.790	1.55265	1.51081	10.5992	8.65906	9.21973
13	1.53794	1.15922	0.975914	129.372	1.54502	1.50365	10.6310	8.64140	9.18856
14	1.54891	1.15289	0.976915	129.272	1.55526	1.48974	10.5326	8.59321	9.10324
15	1.53912	1.15203	0.982328	129.055	1.54450	1.47955	10.5045	8.58443	9.06183
16	1.53458	1.15922	0.982820	129.303	1.54317	1.48915	10.5118	8.63662	9.15206
17	1.53572	1.15816	0.986329	128.832	1.55476	1.47798	10.4045	8.62813	9.14077
20	1.53182	1.16515	0.984523	128.489	1.55908	1.47974	10.4930	8.68018	9.15860
21	1.53097	1.16379	0.989511	128.111	1.55776	1.47019	10.4680	8.67107	9.14963
22	1.53067	1.16738	0.990403	128.224	1.55332	1.45857	10.4391	8.69936	9.18907
23	1.52942	1.17071	0.994224	.	1.54395	1.46304	10.4880	8.72532	9.17482
27	1.53179	1.16610	.	127.062	.	1.47266	10.4621	8.69119	9.13634
28	1.53245	1.16139	.	126.443	.	1.44863	10.3977	8.65741	9.08851
29	1.53319	1.16716	0.995837	126.181	1.53365	1.45760	10.4985	8.69868	9.11436
30	1.54003	1.15966	0.997755	125.436	1.54142	1.44702	10.4761	8.64469	9.06742

Source: IMF, Washington. — * See Explanatory notes, pp 61–62. —
1 ISO currency code: XDR.

VI Global exchange rate arrangements and monetary policy framework *

As of end-April 2009

Exchange rate arrangement	Monetary Policy Framework						
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework	Other 1
	US dollar	Euro	Exchange rate anchor Composite	Other			
No separate legal tender	Ecuador El Salvador Marshall Islands Micronesia, Federated States of Palau Panama Timor-Leste	Montenegro San Marino		Kiribati			
Currency board	Djibouti Hong Kong ECCU 2 Antigua and Barbuda Dominica Grenada Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines	Bosnia and Herzegovina Bulgaria Estonia 3 Lithuania 3		Brunei Darussalam			
Conventional peg	Aruba Bahamas Bahrain Barbados Belize Eritrea Jordan Maldives Netherlands Antilles Oman Qatar Saudi Arabia Turkmenistan United Arab Emirates Venezuela, Bolivarian Republic of	Cape Verde Comoros Denmark 3 Latvia 3 WAEMU 4 Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo CAEMC 5 Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon	Fiji Libyan Arab Jamahiriya Morocco Samoa	Bhutan Lesotho Namibia Nepal Swaziland			
Stabilised arrangement	Angola Azerbaijan Bangladesh China Guyana Honduras Lebanon Malawi Suriname Trinidad and Tobago Yemen	Macedonia Sao Tome and Principe					
Crawling peg	Bolivia, Plurinational State of Iraq Nicaragua Uzbekistan		Botswana				
Crawl-like arrangement	Ethiopia						

VI Global exchange rate arrangements and monetary policy framework *

As of end-April 2009

Exchange rate arrangement	Monetary Policy Framework						
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework	Other 1
	US dollar	Euro	Exchange rate anchor Composite	Other			
Pegged exchange rate within horizontal bands	Kazakhstan		Belarus Syrian Arab Republic Tonga				
Other managed arrangement	Costa Rica Georgia Kyrgyzstan Liberia Myanmar Solomon Islands Viet Nam	Croatia	Iran, Islamic Republic of Kuwait Russian Federation Vanuatu	Zimbabwe	Nigeria Rwanda Tajikistan Ukraine		Dominican Republic Egypt Lao People's Democratic Republic Mauritania
Floating			Algeria ⁶ Singapore ⁶		Afghanistan Argentina Burundi Gambia Guinea Jamaica Kenya Madagascar Moldova, Republic of Mongolia Mozambique Papua New Guinea Paraguay Seychelles Sierra Leone Sudan Tanzania, United Republic of Tunisia Uganda Zambia	Albania Armenia ⁷ Brazil Colombia Ghana Guatemala Hungary Indonesia Mexico Peru Philippines Romania Serbia South Africa Thailand Turkey Uruguay ⁷	Cambodia Haiti Iceland India Malaysia Pakistan Sri Lanka
Free floating					Congo, Democratic Republic of the	Australia Canada Chile Czech Republic Israel Korea, Republic of New Zealand Norway Poland Sweden Switzerland United Kingdom	Japan Mauritius Somalia United States EMU Austria Belgium Cyprus Finland France Germany Greece Ireland Italy Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2009, Table 1, IMF, Washington. — * See Explanatory notes, pp 62–63. — 1 Includes countries that have no explicitly stated nominal anchor, but rather monitor various indicators in conducting monetary policy. — 2 The member participates in the Eastern Caribbean Currency Union. — 3 The member participates in ERM II. — 4 The member participates in the West African Economic and Monetary Union. — 5 The member

participates in the Central African Economic and Monetary Community. — 6 Algeria and Singapore were moved from the category "Exchange rate anchor euro" to "Exchange rate anchor composite", as the table differs from the IMF's country information, Annual Report, pp 25–26 and p 2148. — 7 The central bank has taken preliminary steps toward inflation targeting and is preparing the transition to full-fledged inflation targeting.

VII ISO currency codes *

As of end-December 2010

ISO Code	Currency	Country 1 or territory	ISO Code	Currency	Country 1 or territory	ISO Code	Currency	Country 1 or territory
AED	United Arab Emirates dirham	United Arab Emirates	CVE	Cape Verde escudo	Cape Verde	HKD	Hong Kong dollar	Hong Kong
AFN	Afghani	Afghanistan	CZK	Czech koruna	Czech Republic	HNL	Lempira	Honduras
ALL	Albanian lek	Albania	DJF	Djibouti franc	Djibouti	HRK	Croatian kuna	Croatia
AMD	Armenian dram	Armenia	DKK	Danish krone	Denmark Faroe Islands Greenland	HTG	Gourde	Haiti
ANG	Netherlands Antillean guilder	Netherlands Antilles 1	DOP	Dominican peso	Dominican Republic	HUF	Hungarian forint	Hungary
AOA	Kwanza	Angola	DZD	Algerian dinar	Algeria	IDR	Indonesian rupiah	Indonesia
ARS	Argentine peso	Argentina	EEK	Estonian kroon	Estonia	ILS	New Israeli sheqel	Israel
AUD	Australian dollar	Australia Christmas Island Cocos Islands Kiribati Nauru Norfolk Island Tuvalu	EGP	Egyptian pound	Egypt	INR	Indian rupee	India Bhutan
AWG	Aruban florin	Aruba	ERN	Nakfa	Eritrea	IQD	Iraqi dinar	Iraq
AZN	Azerbaijan manat	Azerbaijan	ETB	Birr	Ethiopia	IRR	Iranian rial	Iran, Islamic Republic of
BAM	Convertible marka	Bosnia and Herzegovina	EUR	Euro	Austria Belgium Cyprus Finland France Germany Greece Ireland Italy Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain Andorra (French) Guiana Guadeloupe Martinique Mayotte Monaco Montenegro Réunion Saint Pierre and Miquelon San Marino Vatican City	ISK	Icelandic krona	Iceland
BBD	Barbados dollar	Barbados	JMD	Jamaican dollar	Jamaica	JOD	Jordanian dinar	Jordan
BDT	Taka	Bangladesh	JPY	Japanese yen	Japan	KES	Kenya shilling	Kenya
BGN	Bulgarian lev	Bulgaria	KGS	Kyrgyz som	Kyrgyzstan	KHR	Riel	Cambodia
BHD	Bahraini dinar	Bahrain	KMF	Comorian franc	Comoros	KPW	North Korean won	Korea, Democratic People's Republic of
BIF	Burundi franc	Burundi	KRW	South Korean won	Korea, Republic of	KWD	Kuwaiti dinar	Kuwait
BMD	Bermudian dollar	Bermuda	KYD	Cayman Islands dollar	Cayman Islands	KZT	Tenge	Kazakhstan
BND	Brunei dollar	Brunei Darussalam	LAK	Kip	Lao People's Democratic Republic	LBP	Lebanese pound	Lebanon
BOB	Boliviano	Bolivia, Plurinational State of	LBR	Liberian dollar	Liberia	LKR	Sri Lanka rupee	Sri Lanka
BRL	Brazilian real	Brazil	LSL	Loti	Lesotho	LRD	Liberian dollar	Liberia
BSD	Bahamian dollar	Bahamas	LTL	Lithuanian litas	Lithuania	LVN	Latvian lats	Latvia
BTN	Ngultrum	Bhutan	LYD	Libyan dinar	Libyan Arab Jamahiriya			
BWP	Pula	Botswana						
BYR	Belarusian rouble	Belarus	FJD	Fiji dollar	Fiji			
BZD	Belize dollar	Belize	FKP	Falkland Islands pound	Falkland Islands (Islas Malvinas)			
CAD	Canadian dollar	Canada	GBP	Pound sterling	United Kingdom			
CDF	Congo franc	Congo, Democratic Republic of the	GEL	Lari	Georgia			
CHF	Swiss franc	Switzerland Liechtenstein	GHS	Ghana cedi	Ghana			
CLP	Chilean peso	Chile	GIP	Gibraltar pound	Gibraltar			
CNY	Chinese yuan renminbi	China	GMD	Dalasi	Gambia			
COP	Colombian peso	Colombia	GNF	Guinean franc	Guinea			
CRC	Costa Rican colón	Costa Rica	GTQ	Quetzal	Guatemala			
CUC	Convertible peso	Cuba 1	GYD	Guyana dollar	Guyana			
CUP	Cuban peso	Cuba						

* Extracted and compiled from ISO communications. — 1 See Explanatory notes on individual countries, pp 65–68.

Excerpts from official notifications and announcements on the euro and Exchange Rate Mechanism II

Council Regulation (EC) No 2866/98 of 31 December 1998 on the conversion rates between the euro and the currencies of the Member States adopting the euro (published in the Official Journal of the European Communities L 359 of 31 December 1998)

The Council of the European Union,

Having regard to the Treaty establishing the European Community¹, and in particular Article 109I(4), first sentence thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

(1) Whereas according to Article 109j(4) of the Treaty, the third stage of Economic and Monetary Union shall start on 1 January 1999; whereas the Council, meeting in the composition of Heads of State or Government, has confirmed on 3 May 1998 that Belgium, Germany, Spain, France, Ireland, Italy, Luxembourg, the Netherlands, Austria, Portugal and Finland fulfil the necessary conditions for the adoption of a single currency on 1 January 1999;

(2) Whereas according to Council Regulation (EC) No 974/98 of 3 May 1998 on the introduction of the euro, the euro shall be the currency of the Member States which adopt the single currency as from 1 January 1999; whereas the introduction of the euro requires the adoption of the conversion rates at which the euro will be substituted for the national currencies and at which rates the euro will be divided into national currency units; whereas the conversion rates in Article 1 are the conversion rates referred to in the third indent of Article 1 of Regulation (EC) No 974/98;

(3) Whereas according to Council Regulation (EC) No 1103/97 of 17 June 1997 on certain provisions relating to the introduction of the euro, every reference to the ECU in a legal instrument shall be replaced by a reference to the euro at a rate of one euro to one ECU; whereas Article 109I(4), second sentence, of the Treaty, provides that the

¹ Editorial note: in the wording of the Treaty of Maastricht of 7 February 1992.

adoption of the conversion rates shall by itself not modify the external value of the ECU; whereas this is ensured by adopting as the conversion rates, the exchange rates against the ECU of the currencies of the Member States adopting the euro, as calculated by the Commission on 31 December 1998 according to the established procedure for the calculation of the daily official ECU rates;

(4) Whereas the Ministers of the Member States adopting the euro as their single currency, the Governors of the Central Banks of these Member States, the Commission and the European Monetary Institute/the European Central Bank, have issued two Communiqués on the determination and on the adoption of the irrevocable conversion rates for the euro dated 3 May 1998 and 26 September 1998, respectively;

(5) Whereas Regulation (EC) No 1103/97 stipulates that the conversion rates shall be adopted as one euro expressed in terms of each of the national currencies of the Member States adopting the euro; whereas in order to ensure a high degree of accuracy, these rates will be adopted with six significant figures and no inverse rates nor bilateral rates between the currencies of the Member States adopting the euro will be defined,

has adopted this Regulation:

Article 1

The irrevocably fixed conversion rates between the euro and the currencies of the Member States adopting the euro are:

1 euro =	40.3399	Belgian francs
=	1.95583	German marks
=	166.386	Spanish pesetas
=	6.55957	French francs
=	0.787564	Irish pounds
=	1936.27	Italian lire
=	40.3399	Luxembourg francs
=	2.20371	Dutch guilders
=	13.7603	Austrian schillings
=	200.482	Portuguese escudos
=	5.94573	Finnish marks.

Article 2

This Regulation shall enter into force on 1 January 1999.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Communiqué of the European Union of 31 December 1998

The ministers of the euro-area Member States of the European Community, the European Central Bank and the ministers and the central bank governors of Denmark and Greece have decided, following a common procedure involving the European Commission and after consultation of the Monetary Committee, to fix the central rates of the participant currencies in the Exchange Rate Mechanism which comes into operation on 1 January 1999.

The euro central rates of the Danish krone and Greek drachma are as follows (units of national currency per euro):

Danish krone	7.46038
Greek drachma	353.109

A fluctuation band of plus or minus 2.25% will be observed around the central rate for the Danish krone. The standard fluctuation band of plus or minus 15% will be observed around the central rate for the Greek drachma. The compulsory intervention points in the exchange rate mechanism will be communicated by the ECB and the central banks of Denmark and Greece in time for the opening of foreign exchange markets on 4 January 1999.

Council Regulation (EC) No 1478/2000 of 19 June 2000 amending Regulation (EC) No 2866/98 on the conversion rates between the euro and the currencies of the Member States adopting the euro (published in the Official Journal of the European Communities L 167 of 7 July 2000)

The Council of the European Union,

Having regard to the Treaty establishing the European Community¹, and in particular Article 123(5) thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

(1) Council Regulation (EC) No 2866/98 of 31 December 1998 on the conversion rates between the euro and the currencies of the Member States adopting the euro determines the conversion rates as from 1 January 1999 pursuant to Council Regulation (EC) No 974/98 of 3 May 1998 on the introduction of the euro.

(2) Council Decision 98/317/EC of 3 May 1998 in accordance with Article 121(4) of the Treaty stipulated that Greece did not fulfil the necessary conditions for the adoption of the single currency.

(3) Pursuant to Council Decision 2000/427/EC of 19 June 2000 in accordance with Article 122(2) of the Treaty on the adoption by Greece of the single currency on 1 January 2001 Greece now fulfils the necessary conditions, and the derogation of Greece should be abrogated with effect from 1 January 2001.

(4) The introduction of the euro in Greece requires the adoption of the conversion rate between the euro and the drachma,

has adopted this Regulation:

Article 1

In the list of conversion rates in Article 1 of Regulation (EC) No 2866/98, the following shall be inserted between the rates of the German mark and the Spanish peseta:

"= 340.750 Greek drachma".

Article 2

This Regulation shall enter into force on 1 January 2001.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

**Communiqué of the European Union
of 27 June 2004**

At the request of the Lithuanian authorities, the ministers of the euro area Member States of the European Union, the President of the European Central Bank and the ministers and the central bank governors of Denmark and Lithuania have decided, by mutual agreement, following a common procedure involving the European Commission and after consultation of the Economic and Financial Committee, to include the Lithuanian litas in the Exchange Rate Mechanism II (ERM II).

The central rate of the Lithuanian litas is set at

1 euro = 3.45280 litas.

The standard fluctuation band of plus or minus 15% will be observed around the central rate of the litas.

Following a careful assessment of the appropriateness and sustainability of Lithuania's currency board, it was accepted that Lithuania is joining the exchange rate mechanism with its existing currency board arrangement in place, as a unilateral commitment, thus placing no additional obligations on the ECB.

...

¹ Editorial note: in the wording of the Treaty of Amsterdam of 2 October 1997.

The compulsory intervention points in the exchange rate mechanism will be communicated by the ECB and the Bank of Lithuania, in time for the opening of the foreign exchange markets on 28 June 2004.

Communiqué of the European Union of 29 April 2005

At the request of the Latvian authorities, the ministers of the euro area Member States of the European Union, the President of the European Central Bank and the ministers and the central bank governors of Denmark, Estonia, Lithuania, Slovenia and Latvia have decided, by mutual agreement, following a common procedure involving the European Commission and after consultation of the Economic and Financial Committee, to include the Latvian lats in the Exchange Rate Mechanism II (ERM II).

The central rate of the Latvian lats is set at

1 euro = 0.702804 lats.

The standard fluctuation band of plus or minus 15 percent will be observed around the central rate of the lats.

In line with the existing exchange rate regime, the Latvian authorities have declared that they will maintain the exchange rate of the lats at the central rate against the euro with a fluctuation band of plus or minus 1 percent as a unilateral commitment, thus placing no additional obligations on the ECB.

...

The compulsory intervention points in the exchange rate mechanism will be communicated by the ECB and the Central Bank of Latvia, in time for the opening of the foreign exchange markets on 2 May 2005.

Council Regulation (EC) No 1086/2006 of 11 July 2006 amending Regulation (EC) No 2866/98 on the conversion rates between the euro and the currencies of the Mem- ber States adopting the euro (published in the Official Journal of the European Union L 195 of 15 July 2006)

The Council of the European Union,

Having regard to the Treaty establishing the European Community¹, and in particular Article 123(5) thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

(1) Council Regulation (EC) No 2866/98 of 31 December 1998 on the conversion rates between the euro and the currencies of the Member States adopting the euro determines the conversion rates as from 1 January 1999.

(2) According to Article 4 of the 2003 Act of Accession, Slovenia is a Member State with a derogation as defined in Article 122 of the Treaty.

(3) Pursuant to Council Decision 2006/495/EC of 11 July 2006 in accordance with Article 122(2) of the Treaty on the adoption by Slovenia of the single currency on January 2007, Slovenia fulfils the necessary conditions for the adoption of the single currency and the derogation of Slovenia is abrogated with effect from 1 January 2007.

(4) The introduction of the euro in Slovenia requires the adoption of the conversion rate between the euro and the tolar. This conversion rate should be set at 239.640 Slovenian tolar to 1 euro, which corresponds to the current central rate of the tolar in the exchange rate mechanism (ERM II).

(5) Regulation (EC) No 2866/98 should therefore be amended accordingly,

¹ Editorial note: in the wording of the Treaty of Amsterdam of 2 October 1997.

has adopted this Regulation:

Article 1

In the list of conversion rates in Article 1 of Regulation (EC) No 2866/98, the following shall be inserted between the rates of the Portuguese escudo and the Finnish mark:

"= 239.640 Slovenian tolar".

Article 2

This Regulation shall enter into force on 1 January 2007.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Council Regulation (EC) No 1134/2007 of 10 July 2007 amending Regulation (EC) No 2866/98 as regards the conversion rate to the euro for Malta (published in the Official Journal of the European Union L 256 of 2 October 2007)

The Council of the European Union,

Having regard to the Treaty establishing the European Community¹, and in particular Article 123(5) thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

(1) Council Regulation (EC) No 2866/98 of 31 December 1998 on the conversion rates between the euro and the currencies of the Member States adopting the euro determines the conversion rates as from 1 January 1999.

(2) According to Article 4 of the 2003 Act of Accession, Malta is a Member State with a derogation as defined in Article 122 of the Treaty.

(3) Pursuant to Council Decision 2007/504/EC of 10 July 2007 in accordance with Article 122(2) of the Treaty on the adoption by Malta of the single currency on 1 January 2008, Malta fulfils the necessary conditions for the adop-

tion of the single currency and the derogation of Malta is abrogated with effect from 1 January 2008.

(4) The introduction of the euro in Malta requires the adoption of the conversion rate between the euro and the Maltese lira. This conversion rate should be set at 0.4293 lira per 1 euro, which corresponds to the current central rate of the lira in the exchange rate mechanism (ERM II).

(5) Regulation (EC) No 2866/98 should therefore be amended accordingly,

has adopted this Regulation:

Article 1

In Article 1 of Regulation (EC) No 2866/98, the following line shall be inserted between the conversion rates applicable to the Luxembourg franc and the Dutch guilder:

"= 0.429300 Maltese liras".

Article 2

This Regulation shall enter into force on 1 January 2008.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Council Regulation (EC) No 1135/2007 of 10 July 2007 amending Regulation (EC) No 2866/98 as regards the conversion rate to the euro for Cyprus (published in the Official Journal of the European Union L 256 of 2 October 2007)

The Council of the European Union,

Having regard to the Treaty establishing the European Community¹, and in particular Article 123(5) thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

¹ Editorial note: in the wording of the Treaty of Amsterdam of 2 October 1997.

Whereas:

(1) Council Regulation (EC) No 2866/98 of 31 December 1998 on the conversion rates between the euro and the currencies of the Member States adopting the euro determines the conversion rates as from 1 January 1999.

(2) According to Article 4 of the 2003 Act of Accession, Cyprus is a Member State with a derogation as defined in Article 122 of the Treaty.

(3) Pursuant to Council Decision 2007/503/EC of 10 July 2007 in accordance with Article 122(2) of the Treaty on the adoption by Cyprus of the single currency on 1 January 2008, Cyprus fulfils the necessary conditions for the adoption of the single currency and the derogation of Cyprus is abrogated with effect from 1 January 2008.

(4) The introduction of the euro in Cyprus requires the adoption of the conversion rate between the euro and the Cyprus pound. This conversion rate should be set at 0.585274 pound per 1 euro, which corresponds to the current central rate of the pound in the exchange rate mechanism (ERM II).

(5) Regulation (EC) No 2866/98 should therefore be amended accordingly,

has adopted this Regulation:

Article 1

In Article 1 of Regulation (EC) No 2866/98, the following line shall be inserted between the conversion rates applicable to the Italian lira and the Luxembourg franc:

“= 0.585274 Cyprus pounds”.

Article 2

This Regulation shall enter into force on 1 January 2008.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Council Regulation (EC) No 694/2008 of 8 July 2008 amending Regulation (EC) No 2866/98 as regards the conversion rate to the euro for Slovakia (published in the Official Journal of the European Union L 195 of 24 July 2008)

The Council of the European Union,

Having regard to the Treaty establishing the European Community¹, and in particular Article 123(5) thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

(1) Council Regulation (EC) No 2866/98 of 31 December 1998 on the conversion rates between the euro and the currencies of the Member States adopting the euro determines the conversion rates as from 1 January 1999.

(2) According to Article 4 of the 2003 Act of Accession, Slovakia is a Member State with a derogation within the meaning of Article 122 of the Treaty.

(3) Pursuant to Council Decision 2008/608/EC of 8 July 2008 in accordance with Article 122(2) of the Treaty on the adoption by Slovakia of the single currency on 1 January 2009, Slovakia fulfils the necessary conditions for the adoption of the single currency and the derogation in favour of Slovakia shall be abrogated with effect from 1 January 2009.

(4) The introduction of the euro in Slovakia requires the adoption of the conversion rate between the euro and the Slovak koruna. This conversion rate shall be set at 30.1260 korunas per 1 euro, which corresponds to the current central rate of the koruna in the exchange rate mechanism (ERM II).

(5) Regulation (EC) No 2866/98 should therefore be amended accordingly,

¹ Editorial note: in the wording of the Treaty of Amsterdam of 2 October 1997.

has adopted this Regulation:

Article 1

In Article 1 of Regulation (EC) No 2866/98, the following shall be inserted between the conversion rates applicable to the Slovenian tolar and the Finnish mark:

"= 30.1260 Slovak korunas".

Article 2

This Regulation shall enter into force on 1 January 2009.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Council Regulation (EU) No 671/2010 of 13 July 2010 amending Regulation (EC) No 2866/98 as regards the conversion rate to the euro for Estonia (published in the Official Journal of the European Union L 196 of 28 July 2010)

The Council of the European Union,

Having regard to the Treaty on the Functioning of the European Union, and in particular Article 140(3) thereof,

Having regard to the proposal from the European Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

(1) Council Regulation (EC) No 2866/98 of 31 December 1998 on the conversion rates between the euro and the currencies of the Member States adopting the euro determines the conversion rates as from 1 January 1999.

(2) According to Article 4 of the 2003 Act of Accession, Estonia is a Member State with a derogation as defined in Article 139(1) of the Treaty on the Functioning of the European Union (hereinafter 'the Treaty').

(3) Pursuant to Council Decision 2010/416/EU of 13 July 2010 in accordance with Article 140(2) of the Treaty on the adoption by Estonia of the euro on 1 January 2011, Estonia fulfils the necessary conditions for the adoption of the euro and the derogation of Estonia is abrogated with effect from 1 January 2011.

(4) The introduction of the euro in Estonia requires the adoption of the conversion rate between the euro and the Estonian kroon. This conversion rate shall be set at 15.6466 kroon per 1 euro, which corresponds to the current central rate of the kroon in the exchange rate mechanism (ERM II).

(5) Regulation (EC) No 2866/98 should therefore be amended accordingly,

has adopted this Regulation:

Article 1

In Article 1 of Regulation (EC) No 2866/98, the following line is inserted between the conversion rates applicable to the German mark and the Greek drachma:

"= 15.6466 Estonian kroons".

Article 2

This Regulation shall enter into force on 1 January 2011.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Explanatory notes

Euro reference exchange rates of the European Central Bank

On 1 January 1999, 11 member states of the European Union initially adopted the euro as their single currency (see Excerpts from official notifications and announcements, pp 51-57). On 1 January 2001, Greece joined the European Monetary Union, followed by Slovenia on 1 January 2007, Cyprus and Malta on 1 January 2008, Slovakia on 1 January 2009 and Estonia on 1 January 2011 (for details, see Table I 1, p 7).

Since the introduction of the euro, there has been no autonomous foreign exchange market for the currencies replaced by the euro; the euro alone is quoted against non-euro-area currencies, such as the US dollar and the Japanese yen.

Since 4 January 1999, the ECB has published euro reference exchange rates for selected currencies each working day. These rates are calculated on the basis of the daily concertation between central banks which takes place at 2.15 pm CET. Only one reference rate, ie the middle rate, is established by this procedure.

Effective exchange rates of the euro

The indices of the nominal effective exchange rates of the euro are designed to measure, in aggregated form, the impact of changes in exchange rates on price competitiveness in the euro-area industrial sector. They are calculated by the ECB on the basis of weighted averages of the bilateral euro exchange rates against the currencies of selected trading partners of the euro area, with 1999 Q1 = 100. An increase in the index rate indicates an appreciation of the euro and thus, taken in isolation, a decrease in the price competitiveness of the domestic economy. The weights are based on trade in manufactured goods (SITC 5-8) and also capture third-market effects.

The table entitled "Overall trade weights used in the calculation of the effective exchange rates (EER) of the euro" on page 60 shows trading partners' membership of the EER-12, EER-21 and EER-41 groups as well as their percentage weights. To prevent breaks in the time series, the indices of two consecutive weighting periods are chain-linked beyond the end of the first period.

Overall trade weights used in the calculation of the effective exchange rates (EER) of the euro

Figures in %

As of 15 December 2009

Trading partner	Calculation period for weights											
	EER-12				EER-21				EER-41			
	1995 to 1997 ¹	1998 to 2000	2001 to 2003	2004 to 2006	1995 to 1997 ¹	1998 to 2000	2001 to 2003	2004 to 2006	1995 to 1997 ¹	1998 to 2000	2001 to 2003	2004 to 2006
	Period of use of weights											
Up to end of 1997	1998 to 2000	2001 to 2003	From 2004	Up to end of 1997	1998 to 2000	2001 to 2003	From 2004	Up to end of 1997	1998 to 2000	2001 to 2003	From 2004	
EER-41 group								100.0	100.0	100.0	100.0	
EER-21 group					100.0	100.0	100.0	100.0	81.1	82.0	81.8	80.6
EER-12 group	100.0	100.0	100.0	100.0	85.5	83.6	77.9	71.3	69.3	68.4	63.6	57.2
Australia	1.1	1.2	1.3	1.5	0.9	0.9	1.0	1.0	0.8	0.7	0.8	0.8
Canada	2.1	2.4	2.6	2.5	1.8	2.0	2.0	1.7	1.5	1.6	1.6	1.3
Denmark	3.7	3.4	3.5	3.7	3.1	2.8	2.8	2.7	2.5	2.3	2.2	2.2
Hong Kong	3.0	2.6	2.6	3.1	2.6	2.1	1.9	2.0	2.1	1.7	1.5	1.6
Japan	14.1	12.8	11.8	11.6	12.0	10.8	9.2	8.3	9.8	8.9	7.6	6.7
Korea, Republic of	4.1	3.9	4.4	5.4	3.5	3.3	3.4	3.9	2.8	2.7	2.7	3.2
Norway	1.9	1.8	1.7	1.9	1.6	1.5	1.3	1.3	1.3	1.2	1.0	1.0
Singapore	2.6	2.3	2.2	2.5	2.2	1.9	1.7	1.8	1.8	1.6	1.4	1.4
Sweden	6.7	6.1	5.7	6.5	5.7	5.2	4.5	4.8	4.7	4.3	3.8	3.9
Switzerland	9.4	8.6	8.6	8.7	8.1	7.2	6.9	6.4	6.5	6.0	5.7	5.3
United Kingdom	26.4	25.7	25.9	24.7	22.6	21.6	20.3	17.8	18.3	17.8	16.7	14.3
United States	24.9	29.3	29.8	27.9	21.3	24.3	22.9	19.6	17.2	19.8	18.6	15.6
Additional countries in the EER-21 group					14.5	16.4	22.1	28.7	11.8	13.6	18.3	23.4
Bulgaria					0.4	0.3	0.5	0.6	0.3	0.3	0.4	0.4
China					5.3	6.3	9.1	13.6	4.3	5.3	7.5	11.1
Czech Republic					2.7	2.6	3.6	4.1	2.2	2.2	3.0	3.4
Estonia					0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2
Hungary					1.9	2.3	3.0	3.1	1.6	1.9	2.5	2.5
Latvia					0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1
Lithuania					0.2	0.2	0.3	0.3	0.1	0.2	0.2	0.3
Poland					2.9	3.4	4.0	4.9	2.4	2.7	3.3	3.9
Romania					0.9	1.0	1.4	1.7	0.7	0.8	1.1	1.4
Additional countries in the EER-41 group									18.9	18.0	18.2	19.4
Algeria									0.3	0.3	0.3	0.4
Argentina									0.5	0.5	0.3	0.3
Brazil									1.5	1.4	1.2	1.2
Chile									0.3	0.3	0.3	0.4
China (Taiwan)									2.2	2.3	2.0	1.8
Croatia									0.5	0.4	0.5	0.5
Iceland									0.0	0.1	0.1	0.1
India									1.4	1.3	1.5	1.8
Indonesia									0.9	0.8	0.7	0.6
Israel									1.1	1.0	0.9	0.7
Malaysia									1.2	1.1	1.2	1.1
Mexico									0.8	1.2	1.3	1.2
Morocco									0.6	0.6	0.6	0.6
New Zealand									0.1	0.1	0.1	0.1
Philippines									0.4	0.5	0.5	0.4
Russian Federation									2.2	1.9	2.2	2.9
South Africa									1.0	0.8	0.9	1.0
Thailand									1.2	1.0	1.0	1.0
Turkey									2.1	2.3	2.3	3.0
Venezuela, Bolivarian Republic of									0.2	0.2	0.2	0.2

¹ Not revised.

The real effective exchange rates of the euro additionally take account of the differences in price movements between the groups of countries concerned. If the price indices for determining the real effective exchange rate based on consumer price indices are not yet available, estimates are used for the calculation.

Further information on the calculation method can be found in the European Central Bank's January 2010 *Monthly Bulletin*, pp S93-S94 and in ECB Occasional Paper No 2 of February 2002, which can be downloaded from the ECB's website (www.ecb.int).

Indicators of the German economy's price competitiveness

The calculation of indicators of the German economy's price competitiveness, shown as a memo item, is methodically consistent with the ECB's procedure for determining the effective exchange rates of the euro (see Deutsche Bundesbank, *Monthly Report*, November 2001, pp 50-53, May 2007, pp 31-35 and May 2008, p 40).

The indicators are broken down into three groups in Table III 1 (p 18).

The selected industrialised countries in the group of 23 comprise the respective euro-area countries (see Table I 1, p 7) as well as Canada, Denmark, Japan, Norway, Sweden, Switzerland, the United Kingdom and the United States.

The group of 36 countries comprise the euro-area countries and the EER-21 group. The group of 56 countries consist of the euro-area countries as well as the EER-41 group.

Overview of world currencies

The exchange rates listed in Table IV 1 (pp 20-42) are, in all cases, the latest end-of-month rates known to us in a given month; in general, they have been taken from reliable sources (central bank or a commercial bank in the country in question). However, we do not know whether transactions were actually executed at those rates in all cases. If no exchange rates for the euro are available from a country, we have calculated comparative values at the

exchange rates or parities available and identified them with a "V" in the column "type of rate".

The previous-year average specified in this table was basically calculated from all of the rates or comparable figures available to us.

In addition to the generally accepted currency designation and its abbreviation, the three-character alphabetical ISO currency code is specified (see Table VII, pp 48-49). This was developed by the International Organization for Standardization as ISO Standard 4217. This currency code is designed to enable uniformly abbreviated designations for currency-related values to be used in international financial transactions. This applies, *inter alia*, to all external payments under the SWIFT system. The ISO code should not, however, be confused with the official national currency abbreviations.

The numerical country code is based on the country list for the balance of payments statistics of the Federal Republic of Germany, which can be found on the Deutsche Bundesbank's website under Reporting System / External sector forms centre / Code lists.

Value of the special drawing right

The value of a special drawing right (SDR) (ISO code: XDR) is currently defined as the sum of the values of fixed amounts of four currencies.

The composition of the currency basket as well as the weights and amounts of the currency units in the basket are reviewed every five years. As a result of the latest review, conducted in 2010, since 1 January 2011, the SDR basket has contained the fixed currency amounts shown in column (a). These were fixed on 30 December 2010 on the basis of the average exchange rates in the London spot exchange market in the fourth quarter of 2010 and the initial new percentage weights (column b) such that, on 30 December 2010, the new SDR value corresponded with the value calculated on the basis of the old basket.

	(a)	(b)
US dollar	0.660	41.9
Euro	0.423	37.4
Japanese yen	12.1	9.4
Pound sterling	0.111	11.3

The introduction of the euro as the single currency of initially 11 member states of the European Union necessitated an adjustment of the criteria used for selecting the currencies of the SDR valuation basket. The former criterion, according to which the currencies of the member states with the highest exports of goods and services were chosen, was extended to include exports by monetary unions incorporating IMF members. In a monetary union, exports of goods and services exclude cross-border trade between the members of the monetary union.

Moreover, a second selection criterion was introduced so as to ensure that the currencies included in the basket are actually the currencies used most commonly in international transactions. This includes the stipulation that the IMF must classify a currency included in the basket as being "freely usable". A currency is deemed to be freely usable if, in the estimation of the IMF Executive Board, it is widely used in payments for international transactions and is heavily traded in the major foreign exchange markets.

The respective weights of the various SDR basket currencies continue to depend on the value of exports of goods and services and the amount of reserves denominated in those currencies held by other member states of the IMF in the five years preceding the year of review.

The above-mentioned currency amounts are converted into US dollars on every business day on the basis of market rates. These market rates are normally the middle rates between the buying and selling rates fixed at noon in the London spot exchange market. The value of the SDR in terms of the US dollar is the sum of the US dollar equivalents of the currency amounts. Exchange rates for the SDR in terms of all other currencies are ascertained, using the rate for the SDR in terms of the US dollar, from the representative market exchange rates of these currencies

for the US dollar; for the euro, it is the reference exchange rate of the European Central Bank.

The SDR is used by the IMF as the unit of account for its transactions and for all conversions into national currencies. In addition, the SDR is used by public and private organisations in Germany and abroad, *inter alia*, as the "successor" to those units of account which had hitherto been defined in terms of gold (eg gold francs).

Global exchange rate arrangements and monetary policy framework

The overview of the exchange rate arrangements and monetary policy framework as at the end of April 2009 (see Table VI, pp 46-47) is based on the IMF's *Annual Report on Exchange Arrangements and Exchange Restrictions 2009*, which can be purchased from the IMF (<http://www.imfbookstore.org>).

The IMF's classification system is based on the actual, *de facto* exchange rate regimes identified and operating in member countries. These may differ from the official, *de jure* exchange rate arrangements in these countries.

Exchange rate arrangements are primarily classified on the basis of the degree to which the exchange rate is determined by the market rather than by official action, with market-determined exchange rates being on the whole more flexible. A distinction is made between hard pegs (fixed exchange rate anchors) – such as exchange arrangements with no separate legal tender and a currency board arrangement (institutionalised, unilateral exchange rate peg) – and soft pegs (less stringent *de jure* and/or *de facto* exchange rate anchors). The latter comprise conventional pegged arrangements with a fixed exchange rate (exchange rate guarantee but no irrevocable parity), stabilised arrangements (exchange rate within a narrow band without any political obligation), crawling pegs (moving central rate without a band), crawl-like arrangements (moving central rate with an annual minimum rate of change) and pegged exchange rates within horizontal bands with or without a fixed central rate. In the case of floating exchange rate arrangements, a distinction is made between floating rates (market-determined with more frequent modes of intervention) and free-floating rates (market-deter-

mined with intervention in exceptional cases only). All other exchange rate arrangements are grouped under "Other managed arrangements". The classification system presents members' exchange rate arrangements against alternative monetary policy frameworks in order to highlight the role of the exchange rate in broad economic policy and to illustrate that different exchange rate arrangements can be consistent with similar monetary frameworks.

The monetary policy frameworks listed are as follows.

Exchange rate anchor

The monetary authority buys or sells foreign exchange to maintain the exchange rate at its predetermined level or within a range. The exchange rate thus serves as the nominal anchor or intermediate target of monetary policy. These frameworks are associated with exchange rate arrangements with no separate legal tender, currency board arrangements, exchange rate pegs (or stabilised arrangements) with or without bands, crawling pegs (or crawl-like arrangements) and other managed arrangements.

Monetary aggregate target

The monetary authority uses its instruments to achieve a target growth rate for a monetary aggregate, such as

reserve money, M1 or M2, and the targeted aggregate becomes the nominal anchor or intermediate target of monetary policy.

Inflation-targeting framework

This involves the public announcement of numerical targets for inflation, with an institutional commitment by the monetary authorities to achieve these targets, typically over a medium-term horizon. Additional key features normally include increased communication with the public and the markets about the plans and objectives of monetary policymakers and increased accountability of the central bank for achieving its inflation objectives. Monetary policy decisions are often guided by the deviation of forecasts of future inflation from the announced inflation target, with the inflation forecast acting (implicitly or explicitly) as the intermediate target of monetary policy.

Other

The country has no explicitly stated nominal anchor, but instead monitors various indicators in conducting monetary policy. This category is also used when no relevant information on the country is available.

Explanatory notes on individual countries

Bangladesh

Units of account for larger amounts: 1 lakh (in digits: 1,00,000) = 100,000 taka; 1 crore (in digits: 1,00,00,000) = 100 lakh = 10,000,000 taka.

Benin

Benin, Burkina Faso, Côte d'Ivoire, Guinea-Bissau, Mali, Niger, Senegal and Togo all belong to the West African Monetary Union (Union Monétaire Ouest Africaine). The responsible monetary authority is the "Banque Centrale des Etats de l'Afrique de l'Ouest", whose CFA franc (F.CFA = Franc de la Communauté Financière Africaine) is legal tender only in the aforementioned countries.

Bhutan

The Indian rupee is likewise legal tender alongside the Bhutanese ngultrum (convertible at par).

Brunei Darussalam

Under an agreement between Brunei Darussalam and Singapore, the Singapore dollar (convertible at par) is also accepted as legal tender.

Burkina Faso

See Explanatory notes on Benin.

Cameroon

Along with the Central African Republic, Chad, Congo, Equatorial Guinea and Gabon, Cameroon is served by the "Banque des Etats de L'Afrique Centrale" (Bank of the Central African States), whose CFA Franc (F.CFA = Franc de la Coopération Financière en Afrique Centrale) is legal tender only in the aforementioned countries.

Central African Republic

See Explanatory notes on Cameroon.

Chad

See Explanatory notes on Cameroon.

Congo

See Explanatory notes on Cameroon.

Cook Islands

The New Zealand dollar is also legal tender alongside the Cook Islands dollar (convertible at par).

Côte d'Ivoire

See Explanatory notes on Benin.

Cuba

Alongside the Cuban peso (CUP), which is used by residents to purchase their basic needs, there is a convertible peso (CUC), which is used particularly by foreigners.

Foreign currencies can be freely exchanged in Cuba for convertible pesos (CUC), and they enable both residents and foreigners to purchase items which the government considers to be luxury articles.

In its national accounts, the Cuban government fixes the ratio of convertible peso (CUC) to Cuban peso (CUP) at 1:1. In reality, Cuban pesos can only be exchanged for convertible pesos at a considerable discount.

The euro is also accepted as legal tender in some tourist centres.

El Salvador

The US dollar is likewise legal tender alongside the El Salvador colón.

Equatorial Guinea

See Explanatory notes on Cameroon.

Gabon

See Explanatory notes on Cameroon.

Guinea-Bissau

See Explanatory notes on Benin.

India

Units of account for larger amounts are as follows: 1 lakh (in digits: 1,00,000) = 100,000 rupees; 1 crore (in digits: 1,00,00,000) = 100 lakh = 10,000,000 rupees.

Iran, Islamic Republic of

The term "toman" (an old Persian currency) is also used to denote 10 Iranian rials.

Kenya

The term "Kenya pound" is a unit of account equivalent to 20 Kenya shillings.

Kiribati

The Australian dollar (convertible at par) is also legal tender alongside some of Kiribati's own coins.

Lesotho

The South African rand is likewise legal tender alongside the loti.

Liberia

The US dollar is likewise legal tender alongside the Liberian dollar.

Macao

The Hong Kong dollar, to which the pataca is pegged at a rate of HKD 100 = MOP 103, is in circulation as a common currency alongside the pataca.

Macedonia

On 8 April 1993, Macedonia was admitted to the United Nations under the temporary designation "Former Yugoslavian Republic of Macedonia"; this designation is in use within the European Union until further notice.

Mali

See Explanatory notes on Benin.

Myanmar

Alongside the official published rates parallel rates exist which, according to press reports, deviate substantially from the official rates.

Namibia

The South African rand is likewise legal tender alongside the Namibia dollar.

Netherlands Antilles

The Netherlands Antilles, a Dutch overseas territory in the Caribbean, was dissolved with effect from 10 October 2010.

Following the political restructuring, Curaçao and Saint Martin (southern part) have the status of independent countries within the Kingdom of the Netherlands. The islands Bonaire, Saint Eustatius and Saba (which are

also referred to as the BES islands) are special municipalities of the Netherlands.

The Netherlands Antillean guilder will remain legal tender on the BES islands until the end of December 2010, and will be replaced there by the US dollar at the beginning of 2011.

Curaçao and Saint Martin are expected to replace the Netherlands Antillean guilder with the Caribbean guilder at the beginning of 2012.

New Caledonia

CFP was originally the abbreviation for "Colonies Françaises du Pacifique" and is still used as a currency symbol (in connection with the franc).

Niger

See Explanatory notes on Benin.

Panama

The US dollar is legal tender alongside the balboa, which is in circulation exclusively in coin form.

Sao Tome and Principe

The unit of account for 1,000 dobras is 1 conto.

Senegal

See Explanatory notes on Benin.

Singapore

Under an agreement between Singapore and Brunei Darussalam, the Brunei dollar (convertible at par) is also accepted as legal tender.

Somalia

No official exchange rates have been available for the Somali shilling.

Swaziland

The South African rand is likewise legal tender alongside the lilangeni.

Togo

See Explanatory notes on Benin.

United Arab Emirates

The United Arab Emirates include Abu Dhabi, Ajman, Dubai, Fujairah, Ras al Khaimah, Sharjah and Umm al Qaiwain.

United Kingdom

In Scotland and Northern Ireland, a small volume of banknotes issued by commercial banks in these territories is in circulation alongside notes issued by the Bank of England.

Venezuela, Bolivarian Republic of

Official exchange rate I

For certain capital inflows and public-sector debt service payments (excluding the oil sector); for unrequited transfers (including pension and remittance payments abroad and foreign currency transactions by diplomatic missions) as well as for imports of important consumer and producer goods.

Official exchange rate II

For almost all other foreign exchange transactions by the public and private sectors (including export revenues from oil deliveries).

In addition, various transactions (eg servicing of private external debt) were carried out using an exchange rate stipulated by the national government and the Venezuelan central bank.

Zimbabwe

In January 2009, the government accepted several foreign currencies as a means of payment (US dollar, South African rand, euro). Since April 2009, use of the Zimbabwe dollar has effectively been discontinued.