

EXCHANGE RATE STATISTICS

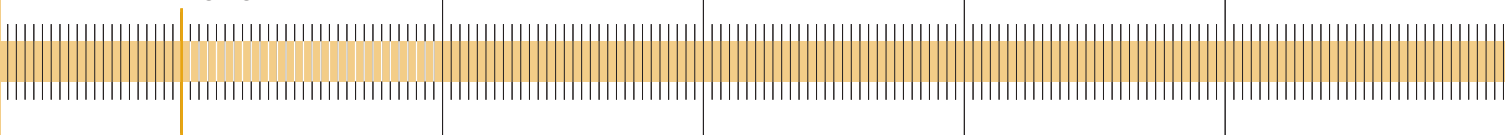
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to the Monthly Report 5

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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	Data unknown, not to be published or not meaningful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
2001 January 1	Spain	Spanish peseta	ESP	166.386
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	1	1.9558	24.735	7.4446	15.6466	286.30	0.7091	3.4528	3.9896	4.2648	
	2	1.9558	24.710	7.4447	15.6466	285.03	0.7087	3.4528	3.9767	4.2698	
	3	1.9558	24.698	7.4449	15.6466	284.50	0.7085	3.4528	3.9520	4.2795	
	6	1.9558	24.703	7.4459	15.6466	284.70	0.7093	3.4528	3.9333	4.2868	
	7	1.9558	24.726	7.4449	15.6466	286.45	0.7092	3.4528	3.9371	4.2919	
	8	1.9558	24.718	7.4457	15.6466	288.95	0.7090	3.4528	3.9518	4.2875	
	9	1.9558	24.683	7.4461	15.6466	285.76	0.7088	3.4528	3.9380	4.2820	
	10	1.9558	24.681	7.4452	15.6466	283.85	0.7088	3.4528	3.9338	4.2740	
	13	1.9558	24.672	7.4466	15.6466	283.76	0.7088	3.4528	3.9383	4.2608	
	14	1.9558	24.563	7.4461	15.6466	283.76	0.7088	3.4528	3.9439	4.2355	
	15	1.9558	24.615	7.4471	15.6466	281.82	0.7090	3.4528	3.9357	4.2475	
	16	1.9558	24.616	7.4463	15.6466	281.62	0.7086	3.4528	3.9403	4.2458	
	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	

* 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			
9.3490	0.83105	1.4141	2.2369	1.3560	8.7187	7.2774	9.9542	–	2010 Sep	1	
9.3185	0.83275	1.4099	2.2340	1.3451	8.7270	7.2815	9.9619	–		2	
9.3131	0.83320	1.4094	2.2124	1.3561	8.7320	7.2850	9.9745	–		3	
9.3013	0.83825	1.4032	2.2352	1.3320	8.7381	7.3000	9.9997	–		6	
9.3185	0.83160	1.3982	2.2011	1.3286	8.6550	7.2820	9.8992	–		7	
9.2710	0.82205	1.3845	2.1939	1.3310	8.6267	7.2825	9.8677	–		8	
9.2488	0.82580	1.3750	2.1914	1.3131	8.6248	7.2863	9.8789	–		9	
9.2019	0.82340	1.3739	2.1867	1.3118	8.6138	7.2843	9.8844	–		10	
9.1840	0.83120	1.3732	2.1971	1.3185	8.6558	7.2850	9.9432	–		13	
9.2260	0.83430	1.3758	2.2008	1.3199	8.6690	7.2830	9.9810	–		14	
9.1950	0.83550	1.3863	2.2215	1.3335	8.7574	7.2820	10.0888	–		15	
9.2180	0.83720	1.3958	2.2513	1.3423	8.7947	7.2829	10.1585	–		16	
9.2295	0.83575	1.3886	2.2419	1.3410	8.7809	7.2845	10.1425	–		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	

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)

Period	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								
1	59.9230	11,511.57	107.54	1,516.73	4.0047	16.8128	1.8112	7.9425
2	59.8920	11,545.73	107.81	1,513.56	4.0060	16.7530	1.7898	7.9010
3	59.8190	11,553.45	108.38	1,508.06	4.0035	16.7443	1.7900	7.8890
6	59.9160	11,572.66	108.42	1,506.83	4.0097	16.6642	1.7783	7.8800
7	59.6680	11,493.73	106.86	1,500.26	3.9850	16.6156	1.7663	7.8910
8	59.2399	11,419.08	106.41	1,489.21	3.9489	16.5444	1.7626	7.8810
9	59.0894	11,390.00	106.46	1,484.64	3.9550	16.5217	1.7516	7.8725
10	58.8400	11,383.90	106.84	1,484.75	3.9538	16.4903	1.7446	7.8760
13	59.3950	11,435.39	107.69	1,486.28	3.9709	16.4646	1.7490	7.8520
14	59.6500	11,519.41	107.04	1,495.24	3.9935	16.5471	1.7615	7.8780
15	60.2050	11,654.04	111.04	1,506.00	4.0493	16.6603	1.7753	7.8970
16	60.3030	11,719.23	111.93	1,520.06	4.0630	16.7258	1.8057	7.9555
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

* 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	
57.740	39.3572	1.7277	9.4195	1.2967	39.903	1.9485	1.2800	2010 Sep 1
57.558	39.3880	1.7262	9.3090	1.2953	39.947	1.9402	1.2818	2
57.290	39.3820	1.7272	9.2645	1.3043	40.022	1.9330	1.2834	3
57.138	39.4398	1.7320	9.2912	1.3070	40.103	1.9345	1.2874	6
56.789	39.2537	1.7179	9.2722	1.2903	39.740	1.9267	1.2744	7
56.299	39.2301	1.7075	9.2255	1.2837	39.405	1.9286	1.2697	8
56.095	39.2763	1.7060	9.1964	1.2859	39.240	1.9230	1.2715	9
55.950	39.2820	1.7054	9.1384	1.3020	39.165	1.9164	1.2725	10
56.512	39.3325	1.7138	9.1491	1.2991	39.357	1.9164	1.2801	13
57.051	39.5570	1.7195	9.1879	1.2911	39.591	1.9294	1.2850	14
57.510	40.1000	1.7375	9.2089	1.3019	40.071	1.9398	1.2989	15
57.870	40.5875	1.7474	9.3082	1.3225	40.274	1.9549	1.3078	16
57.700	40.4850	1.7442	9.3307	1.3210	40.153	1.9606	1.3060	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

II Euro reference exchange rates of the European Central Bank *

2 Monthly averages +

EUR 1 = CU ...

Period	EU member countries											Other Euro-
	Bulgaria	Czech Republic	Denmark	Estonia	Hungary	Latvia	Lithuania	Poland	Romania	Sweden	United Kingdom	Australia
	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
2005 Dec	1.9558	28.972	7.4541	15.6466	252.68	0.6967	3.4528	3.8501	3.6589	9.4316	0.67922	1.5979
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

* 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	
2.7036	1.3778	9.5746	7.3882	9.1927	75.36	54.0889	11,675.40	140.58	1,212.30	4.4796	2005 Dec
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

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)											
Period	Mexico	New Zealand	Norway	Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United States
	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
2005 Dec	12.6044	1.7072	7.9737	63.454	34.1538	1.9855	7.5439	1.5479	48.731	1.6038	1.1856
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	2.0880	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

* 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	–

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

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

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

* 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	—

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

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	14.9743	1.8627
2008	7.2239	11.4541	⁸ 143.83	63.6143	14,165.16	152.45	1,606.09	4.8893	16.2911	2.0770
2009	7.3400	10.8114	—	67.3611	14,443.74	130.34	1,772.90	4.9079	18.7989	2.2121

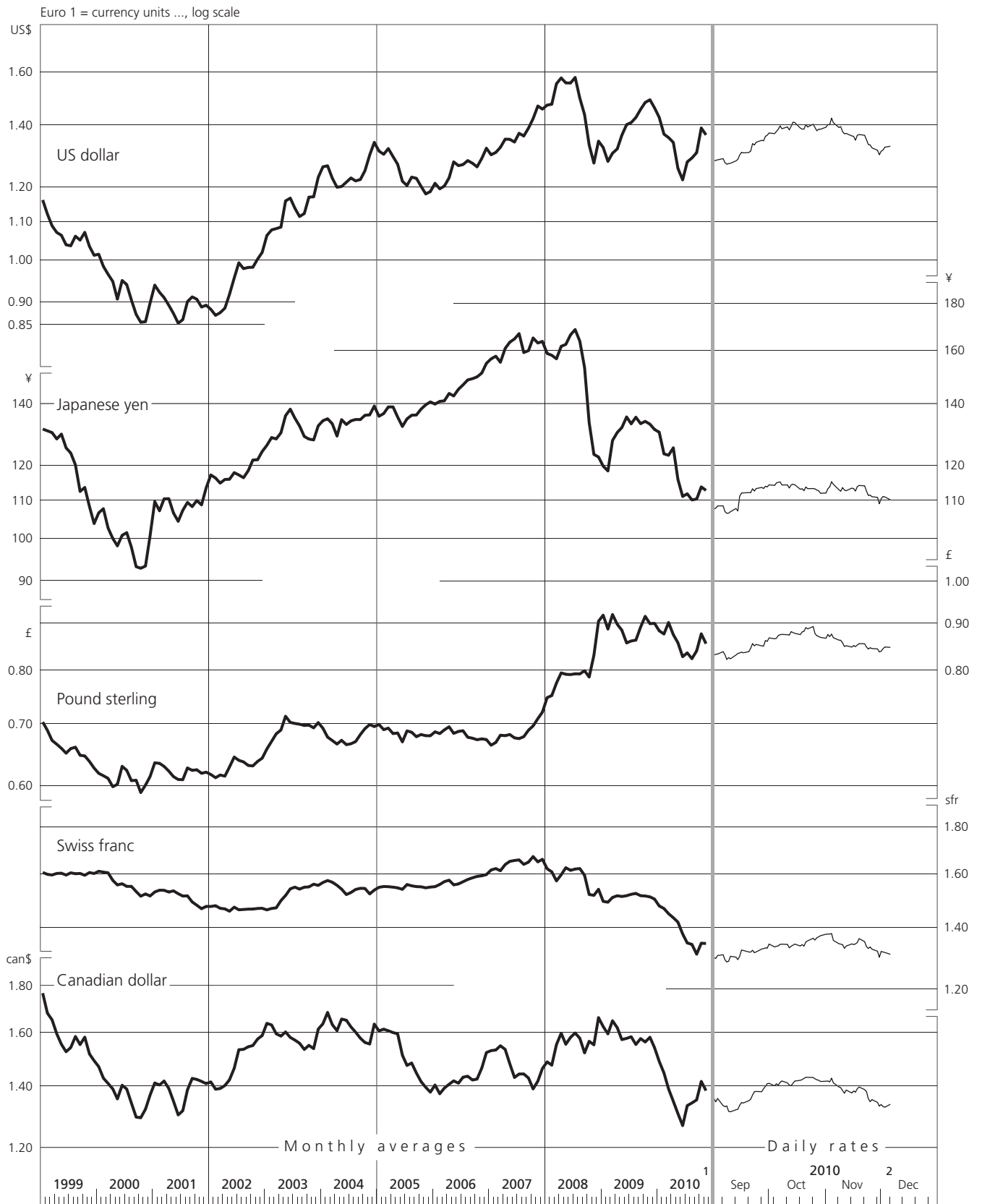
Period	Other European and non-European countries (cont'd)									
	Norway Norwegian krona NOK	Philippines Philippine peso PHP 6	Russian Federation Russian rouble RUB 6	Singapore Singapore dollar SGD 1	South Africa South African rand ZAR 1	Switzerland Swiss franc CHF	Thailand Thai baht THB 6	Turkey Turkish 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	

* 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 1.1). — 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

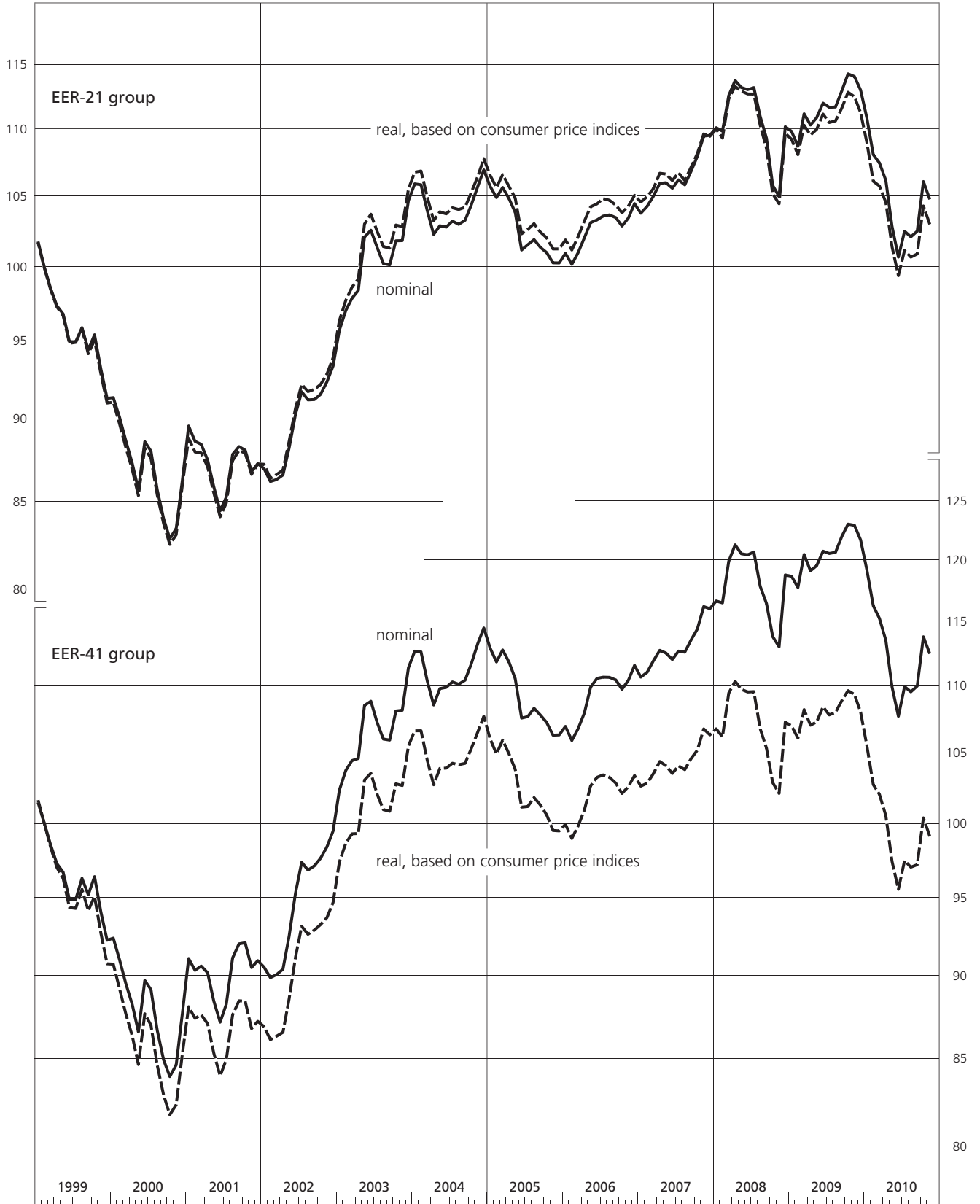
Period	Effective exchange rate of the euro 1				Memo item Indicators of the German economy's price competitiveness based on consumer price indices					
	EER-21		EER-41		23 selected industrial countries			36 countries	56 countries	
	Nominal	Real, based on consumer price indices	Nominal	Real, based on 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	91.7	
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	
2006 Apr	102.0	103.2	107.9	100.9	98.5	94.9	103.9	96.3	95.3	
May	103.1	104.2	109.9	102.6	98.6	94.8	104.4	96.7	96.2	
June	103.3	104.4	110.5	103.2	98.7	94.9	104.4	96.9	96.5	
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	95.0	109.0	97.6	96.7	
July	106.2	106.7	112.6	104.1	101.0	95.2	110.0	98.0	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	101.3	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	106.7	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	99.9	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	104.0	94.5	119.4	99.4	98.7	
Aug	110.9	110.3	117.8	106.8	102.8	94.4	116.5	98.2	97.2	
Sep	109.3	108.5	116.4	105.3	102.0	94.4	114.0	97.5	96.6	
Oct	105.8	105.2	113.8	102.9	99.9	94.3	108.6	95.8	95.1	
Nov	105.0	104.4	113.0	102.1	99.9	94.4	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	94.3	113.3	98.4	98.1	
Apr	110.3	109.5	119.1	107.0	101.6	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	102.1	94.5	114.0	98.5	97.9	
Aug	111.7	110.6	120.6	108.0	102.1	94.5	114.3	98.6	98.0	
Sep	112.9	111.6	122.0	108.9	102.4	94.3	115.4	98.9	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	93.9	108.9	95.2	93.6	
May	102.8	101.4	109.9	P 97.4	98.4	94.0	105.0	93.8	92.0	
June	100.7	99.4	107.7	P 95.5	97.2	93.9	101.9	92.7	90.9	
July	102.5	101.1	109.9	P 97.5	97.9	94.0	103.5	93.6	91.9	
Aug	102.1	100.7	109.5	P 97.0	97.6	93.9	103.1	93.3	91.6	
Sep	102.5	100.9	110.0	P 97.2	97.8	93.9	103.6	93.4	91.7	
Oct	106.1	P 104.3	113.8	P 100.4	99.4	93.9	107.9	94.9	93.4	
Nov	104.8	P 103.0	112.4	P 99.1	.	.	.	.	.

* 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

1999 Q1 = 100, monthly averages, log scale



* 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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
Afghanistan							
Kabul 660	Afghani = 100 puls	B S	USD 1 = USD 1 =	AFN 50.08 AFN 50.18	AFN 45.02 AFN 45.12	AFN 45.12 AFN 45.22	AFN 45.13 AFN 45.23
	AFN	B S	EUR 1 = EUR 1 =	AFN 69.87 AFN 70.13	AFN 60.88 AFN 61.14	AFN 62.33 AFN 62.59	AFN 59.10 AFN 59.36
Albania							
Tirana 070	Albanian lek = 100 qindarka	M M	USD 1 = EUR 1 =	ALL 95.13 ALL 132.36	ALL 101.46 ALL 138.45	ALL 100.23 ALL 138.62	ALL 106.49 ALL 138.65
	ALL						
Algeria							
Algiers 208	Algerian dinar = 100 centimes	B S	USD 1 = USD 1 =	DZD 72.6633 DZD 72.6783	DZD 74.6658 DZD 74.6808	DZD 74.1165 DZD 74.1315	DZD 74.7018 DZD 74.7168
	DZD	B S	EUR 1 = EUR 1 =	DZD 101.1889 DZD 101.2310	DZD 101.9188 DZD 101.9692	DZD 103.0442 DZD 103.0873	DZD 101.2209 DZD 101.2637
Angola							
Luanda 330	Kwanza = 100 cêntimos	B S	USD 1 = USD 1 =	AOA 79.377 AOA 79.774	AOA 91.573 AOA 92.031	AOA 92.527 AOA 92.990	AOA 92.044 AOA 92.504
	AOA	B S	EUR 1 = EUR 1 =	AOA 110.867 AOA 111.433	AOA 124.677 AOA 125.310	AOA 127.808 AOA 128.493	AOA 122.041 AOA 122.670
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 3.7495 XCD 3.7895	XCD 3.6689 XCD 3.7080	XCD 3.7250 XCD 3.7648	XCD 3.4941 XCD 3.5314
Argentina							
Buenos Aires 528	Argentine peso = 100 centavos	B S	USD 1 = USD 1 =	ARS 3.6905 ARS 3.7305	ARS 3.9200 ARS 3.9600	ARS 3.9170 ARS 3.9570	ARS 3.9480 ARS 3.9880
	ARS	B S	EUR 1 = EUR 1 =	ARS 5.1518 ARS 5.2079	ARS 5.3379 ARS 5.3927	ARS 5.4485 ARS 5.5046	ARS 5.1415 ARS 5.1940
Armenia							
Yerevan 077	Armenian dram = 100 luma	M M	USD 1 = EUR 1 =	AMD 363.80 AMD 508.23	AMD 361.31 AMD 492.39	AMD 358.21 AMD 495.44	AMD 359.07 AMD 466.86
	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 248.68 AWG 251.18	AWG 243.08 AWG 245.52	AWG 246.80 AWG 249.28	AWG 231.50 AWG 233.83

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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.7956	USD 0.9667	USD 0.9761	USD 0.9618
		M	AUD 1 =	EUR 0.5683	EUR 0.7121	EUR 0.7029	EUR 0.7348
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3948	USD 1.3648	USD 1.3857	USD 1.2998
Azerbaijan							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 0.8038	AZN 0.8027	AZN 0.8007	AZN 0.8003
		M	EUR 1 =	AZN 1.1216	AZN 1.0915	AZN 1.1130	AZN 1.0484
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 1.3738	BSD 1.3357	BSD 1.3605	BSD 1.2797
S	EUR 1 =	BSD 1.4175	BSD 1.3957	BSD 1.4205	BSD 1.3397		
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 0.5108966	BHD 0.4973772	BHD 0.5102491	BHD 0.4786853
S	EUR 1 =	BHD 0.5424984	BHD 0.5281428	BHD 0.5418109	BHD 0.5082947		
Bangladesh ¹							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 68.47	BDT 69.8595	BDT 70.1370	BDT 69.8590
		S	USD 1 =	BDT 69.44	BDT 70.8445	BDT 71.0925	BDT 70.8145
		B	EUR 1 =	BDT 93.9278	BDT 92.6653	BDT 94.5968	BDT 90.7475
S	EUR 1 =	BDT 98.8793	BDT 97.8072	BDT 100.0718	BDT 95.9483		
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 2.77699	BBD 2.71635	BBD 2.77469	BBD 2.63531
S	EUR 1 =	BBD 2.84500	BBD 2.78287	BBD 2.84264	BBD 2.69984		
Belarus							
Minsk 073	Belarusian rouble BYR	M	USD 1 =	BYR 2,801.96	BYR 3,010.00	BYR 3,011.00	BYR 3,032.00
		M	EUR 1 =	BYR 3,898.24	BYR 4,099.62	BYR 4,172.64	BYR 4,027.71

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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3948	USD 1.3648	USD 1.3857	USD 1.2998
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 2.7652 BZD 2.8140	BZD 2.7057 BZD 2.7535	BZD 2.7472 BZD 2.7956	BZD 2.5769 BZD 2.6223
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 1.3892 BMD 1.4008	BMD 1.3593 BMD 1.3707	BMD 1.3802 BMD 1.3917	BMD 1.2946 BMD 1.3054
Bhutan 1							
Thimphu 675	Ngultrum = 100 chhetrum BTN	B S	USD 1 =	.	BTN 44.93	BTN 44.37	BTN 45.67
			USD 1 =	.	BTN 45.26	BTN 44.69	BTN 46.00
		B S	EUR 1 = EUR 1 =	. .	BTN 61.04 BTN 61.47	BTN 61.38 BTN 61.80	BTN 60.57 BTN 61.01
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 6.97	BOB 6.96
			USD 1 =	BOB 7.07	BOB 7.07	BOB 7.07	BOB 7.06
		V, B V, S	EUR 1 = EUR 1 =	BOB 9.7316 BOB 9.8712	BOB 9.5127 BOB 9.6491	BOB 9.6583 BOB 9.7969	BOB 9.0466 BOB 9.1766
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga BAM	B S	USD 1 =	BAM 1.405030	BAM 1.433356	BAM 1.407909	BAM 1.484057
			USD 1 =	BAM 1.412073	BAM 1.440540	BAM 1.414967	BAM 1.491495
		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 0.1423	USD 0.1519	USD 0.1516	USD 0.1479
			BWP 1 =	USD 0.1418	USD 0.1515	USD 0.1512	USD 0.1475
		B S	BWP 1 = BWP 1 =	EUR 0.1019 EUR 0.1015	EUR 0.1117 EUR 0.1114	EUR 0.1095 EUR 0.1092	EUR 0.1138 EUR 0.1135

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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
Brazil							
Brasilia 508	Brazilian real = 100 centavos BRL	B	USD 1 =	BRL 1.9927	BRL 1.6934	BRL 1.7006	BRL 1.7153
		S	USD 1 =	BRL 1.9935	BRL 1.6942	BRL 1.7014	BRL 1.7161
		B	EUR 1 =	BRL 2.75801	BRL 2.3091	BRL 2.3654	BRL 2.2352
		S	EUR 1 =	BRL 2.75954	BRL 2.3104	BRL 2.3666	BRL 2.2364
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents BND	B	USD 1 =	BND 1.4435	BND 1.3065	BND 1.2863	BND 1.3090
		S	USD 1 =	BND 1.4648	BND 1.3275	BND 1.3073	BND 1.3300
		B	EUR 1 =	BND 1.9981	BND 1.7695	BND 1.7801	BND 1.7041
		S	EUR 1 =	BND 2.0555	BND 1.8263	BND 1.8369	BND 1.7608
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.40479	BGN 1.43305	BGN 1.41144	BGN 1.50472
		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 1,220.7122	BIF 1,215.6125	BIF 1,215.7113	BIF 1,217.0938
		S	USD 1 =	BIF 1,240.4011	BIF 1,246.3875	BIF 1,246.4888	BIF 1,247.9063
		B	EUR 1 =	BIF 1,702.6189	BIF 1,650.1207	BIF 1,687.6503	BIF 1,594.4536
		S	EUR 1 =	BIF 1,730.0805	BIF 1,691.8959	BIF 1,730.3757	BIF 1,634.8196
Cambodia							
Phnom Penh 696	Riel = 100 sen KHR	B	USD 1 =	KHR 4,144	KHR 4,227	KHR 4,222	KHR 4,075
		S	USD 1 =	KHR 4,152	KHR 4,235	KHR 4,230	KHR 4,083
		B	EUR 1 =	KHR 5,779	KHR 5,761	KHR 5,820	KHR 5,341
		S	EUR 1 =	KHR 5,837	KHR 5,772	KHR 5,832	KHR 5,352
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 1.1420	CAD 1.0298	CAD 1.0188	CAD 1.0264
		M	EUR 1 =	CAD 1.5824	CAD 1.4006	CAD 1.4155	CAD 1.3379
Cape Verde							
Praia 247	Cape Verde escudo = 100 centavos CVE	B	USD 1 =	CVE 79.189	CVE 81.716	CVE 79.473	CVE 83.776
		S	USD 1 =	CVE 79.391	CVE 81.918	CVE 79.675	CVE 83.978
		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

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 2009	Rate at end of month		
					September 2010	October 2010	November 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 1.1437 KYD 1.1716	KYD 1.1191 KYD 1.1464	KYD 1.1363 KYD 1.1640	KYD 1.0658 KYD 1.0918
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 558.63	CLP 485.23	CLP 491.76	CLP 486.39
		M	EUR 1 =	CLP 776.91	CLP 661.26	CLP 685.00	CLP 637.30
China							
Peking / Beijing 720	Chinese yuan renminbi = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.8310	CNY 6.7011	CNY 6.6908	CNY 6.6762
		M	EUR 1 =	CNY 9.5250	CNY 9.1329	CNY 9.3116	CNY 8.7645
		M	HKD 1 =	CNY 0.88124	CNY 0.86349	CNY 0.86256	CNY 0.85979
China (Taiwan)							
Taipeh 736	New Taiwan dollar = 100 cents TWD	B S	USD 1 = USD 1 =	TWD 32.97 TWD 33.07	TWD 31.18 TWD 31.28	TWD 30.61 TWD 30.71	TWD 30.38 TWD 30.48
		B S	EUR 1 = EUR 1 =	TWD 45.83 TWD 46.23	TWD 42.30 TWD 42.70	TWD 42.44 TWD 42.84	TWD 39.81 TWD 40.21
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	B S	USD 1 = USD 1 =	COP 2,152.65 COP 2,153.43	COP 1,799.58 COP 1,800.21	COP 1,839.52 COP 1,840.28	COP 1,916.47 COP 1,917.45
		V, B V, S	EUR 1 = EUR 1 =	COP 2,990.69 COP 2,991.77	COP 2,456.07 COP 2,456.93	COP 2,549.02 COP 2,550.08	COP 2,491.03 COP 2,492.30
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.

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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B S	USD 1 = USD 1 =	CDF 805.7701 CDF 831.3085	CDF 886.7483 CDF 922.9421	CDF 891.0344 CDF 927.4032	CDF 895.3947 CDF 931.9415
	CDF	B S	EUR 1 = EUR 1 =	CDF 1,126.8844 CDF 1,162.6003	CDF 1,204.7269 CDF 1,253.8994	CDF 1,237.7766 CDF 1,288.2981	CDF 1,184.3932 CDF 1,232.7357
Cook Islands ¹							
Avarua 837	Cook Islands dollar = 100 cents NZD	² B S	NZD 1 = NZD 1 =	EUR 0.4616 EUR 0.4464	EUR 0.5500 EUR 0.5315	EUR 0.5511 EUR 0.5326	EUR 0.5764 EUR 0.5570
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B S	USD 1 = USD 1 =	CRC 568.15 CRC 578.03	CRC 502.55 CRC 512.94	CRC 508.52 CRC 519.18	CRC 503.18 CRC 512.20
	CRC	V, B V, S	EUR 1 = EUR 1 =	CRC 793.5779 CRC 807.3847	CRC 685.8802 CRC 700.0605	CRC 704.6562 CRC 719.4277	CRC 654.0334 CRC 665.7576
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	B S	USD 1 = USD 1 =	HRK 5.188983 HRK 5.447403	HRK 5.328381 HRK 5.514875	HRK 5.295452 HRK 5.327320	HRK 5.606717 HRK 5.640459
	HRK	B S	EUR 1 = EUR 1 =	HRK 7.2880 HRK 7.3976	HRK 7.2450 HRK 7.3450	HRK 7.317255 HRK 7.361291	HRK 7.398064 HRK 7.442586
Cuba ¹							
Havana 448	Convertible peso / Cuban peso = 100 centavos	B S	CUC 1 = CUC 1 =	USD 1.11628 USD 1.04600	USD 1.11628 USD 1.04600	USD 1.11628 USD 1.04600	USD 1.11628 USD 1.04600
	CUC / CUP	B S	EUR 1 = EUR 1 =	CUC 1.25137 CUC 1.33564	CUC 1.21788 CUC 1.29981	CUC 1.24583 CUC 1.32983	CUC 1.17157 CUC 1.25038
Cyprus							
Nicosia 600	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3948	USD 1.3648	USD 1.3857	USD 1.2998
Czech Republic							
Prague 061	Czech koruna = 100 heller	M	USD 1 =	CZK 19.057	CZK 18.025	CZK 17.754	CZK 19.165
	CZK	M	EUR 1 =	CZK 26.486	CZK 24.610	CZK 24.605	CZK 24.915

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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 535.51	DKK 546.01	DKK 538.08	DKK 573.39
			M	EUR 100 =	DKK 744.63	DKK 745.19	DKK 745.62	DKK 745.29
Djibouti							
Djibouti 338	Djibouti franc = 100 centimes DJF	B S	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 S	EUR 1 =	DJF 245.41	DJF 239.28	DJF 243.70	DJF 230.77
S	EUR 1 =		DJF 254.61	DJF 248.09	DJF 255.16	DJF 239.34	
Dominica							
Roseau 460	East Caribbean dollar = 100 cents XCD	B S	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 V, S	EUR 1 =	XCD 3.7495	XCD 3.6689	XCD 3.7250	XCD 3.4941
S	EUR 1 =		XCD 3.7895	XCD 3.7080	XCD 3.7648	XCD 3.5314	
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B S	USD 1 =	DOP 35.9196	DOP 37.1038	DOP 37.2237	DOP 37.2596
			S	USD 1 =	DOP 36.0002	DOP 37.2053	DOP 37.3039	DOP 37.3072
		B S	EUR 1 =	DOP 50.1672	DOP 50.6393	DOP 51.5809	DOP 48.4300
S	EUR 1 =		DOP 50.2792	DOP 50.7778	DOP 51.6920	DOP 48.4919	
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B S	USD 1 =	EGP 5.5486	EGP 5.6875	EGP 5.7675	EGP 5.7750
			S	USD 1 =	EGP 5.5693	EGP 5.7175	EGP 5.7975	EGP 5.8050
		B S	EUR 1 =	EGP 7.7073	EGP 7.7060	EGP 8.0547	EGP 7.5199
S	EUR 1 =		EGP 7.8117	EGP 7.8356	EGP 8.1765	EGP 7.6327	
El Salvador ¹							
San Salvador 428	El Salvador colón = 100 centavos SVC	B / S V, B/S	USD 1 =	SVC 8.75	SVC 8.75	SVC 8.75	SVC 8.75
			S	EUR 1 =	SVC 12.2045	SVC 11.9420	SVC 12.1249	SVC 11.3733
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 S	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 S	EUR 1 =	ERN 20.9101	ERN 20.0010	ERN 20.7735	ERN 19.7505
S	EUR 1 =		ERN 21.6696	ERN 20.7605	ERN 21.5330	ERN 20.5100	
Estonia							
Tallinn 053	Estonian kroon = 100 sents EEK	M	USD 1 =	EEK 11.24021	EEK 11.47870	EEK 11.31560	EEK 12.02710
			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.

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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
Ethiopia							
Addis Ababa 334	Birr = 100 cents ETB	B S	USD 1 =	ETB 11.8481	ETB 16.388800	ETB 16.431100	ETB 16.488000
			USD 1 =	ETB 12.0851	ETB 16.716576	ETB 16.759722	ETB 16.817760
		B S	EUR 1 =	ETB 16.5878 V	ETB 22.301900	ETB 22.679800	ETB 21.718000
			EUR 1 =	ETB 16.9195 V	ETB 22.747938	ETB 23.133396	ETB 22.152360
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 0.5186	USD 0.5440	USD 0.5501	USD 0.5424
			FJD 1 =	USD 0.5016	USD 0.5270	USD 0.5331	USD 0.5254
			FJD 1 =	EUR 0.3730	EUR 0.3989	EUR 0.3947	EUR 0.4129
			FJD 1 =	EUR 0.3610	EUR 0.3869	EUR 0.3827	EUR 0.4009
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3948	USD 1.3648	USD 1.3857	USD 1.2998
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3948	USD 1.3648	USD 1.3857	USD 1.2998
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	USD 1 =	GMD 26.66	GMD 28.72	GMD 29.05	GMD 27.59
		M	EUR 1 =	GMD 36.95	GMD 38.91	GMD 40.18	GMD 39.05
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 =	GEL 1.6710	GEL 1.8064	GEL 1.7780	GEL 1.7593
		M	EUR 1 =	GEL 2.3282	GEL 2.4585	GEL 2.4595	GEL 2.3223
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3948	USD 1.3648	USD 1.3857	USD 1.2998

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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas	B S	USD 1 = USD 1 =	GHS 1.3950 GHS 1.4305	GHS 1.4229 GHS 1.4422	GHS 1.4214 GHS 1.4400	GHS 1.4266 GHS 1.4473
	GHS	B S	EUR 1 = EUR 1 =	GHS 1.9517 GHS 2.0004	GHS 1.9368 GHS 1.9632	GHS 1.9688 GHS 1.9943	GHS 1.8714 GHS 1.8984
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 1.3948	USD 1.3648	USD 1.3857	USD 1.2998
Grenada							
St George's 473	East Caribbean dollar = 100 cents XCD	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
		V, B V, S	EUR 1 = EUR 1 =	XCD 3.7495 XCD 3.7895	XCD 3.6689 XCD 3.7080	XCD 3.7250 XCD 3.7648	XCD 3.4941 XCD 3.5314
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ	M V, M	USD 1 = EUR 1 =	GTQ 8.19461 GTQ 11.45058	GTQ 8.13519 GTQ 11.10291	GTQ 8.04286 GTQ 11.14499	GTQ 7.98621 GTQ 10.38048
Guinea							
Conakry 260	Guinean franc GNF	B S	USD 1 = USD 1 =	GNF 4,825.4167 GNF 5,055.1906	GNF 6,725.00 GNF 7,080.00	GNF 6,800.00 GNF 7,075.00	GNF 6,850.00 GNF 7,150.00
		B S	EUR 1 = EUR 1 =	GNF 6,742.9496 GNF 7,062.9849	GNF 9,154.7425 GNF 9,638.0040	GNF 9,413.2400 GNF 9,793.9225	GNF 8,985.8300 GNF 9,379.3700
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 GYD	B S	USD 1 = USD 1 =	GYD 203.45 GYD 205.87	GYD 202.99 GYD 205.41	GYD 203.49 GYD 205.91	GYD 201.99 GYD 204.40
		B S	EUR 1 = EUR 1 =	GYD 284.38 GYD 288.01	GYD 276.98 GYD 280.48	GYD 281.94 GYD 285.50	GYD 263.02 GYD 266.35

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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M V, M	USD 1 =	HTG 41.2797	HTG 39.9405	HTG 40.0954	HTG 40.1493
			EUR 1 =	HTG 57.6816	HTG 54.5108	HTG 55.5602	HTG 52.1861
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 19.0273	HNL 19.0272	HNL 19.0222	HNL 19.0105
		V, B V, S	EUR 1 =	HNL 26.3834	HNL 25.7880	HNL 26.1829	HNL 24.5599
			EUR 1 =	HNL 26.5680	HNL 25.9683	HNL 26.3591	HNL 24.7098
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B S	USD 1 =	HKD 7.7392	HKD 7.7470	HKD 7.7445	HKD 7.7540
			USD 1 =	HKD 7.7639	HKD 7.7715	HKD 7.7690	HKD 7.7780
		B S	EUR 1 =	HKD 10.7696	HKD 10.5025	HKD 10.7340	HKD 10.1535
			EUR 1 =	HKD 10.8648	HKD 10.5720	HKD 10.8035	HKD 10.2230
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M M	USD 1 =	HUF 202.26	HUF 203.43	HUF 197.95	HUF 218.76
			EUR 1 =	HUF 280.13	HUF 277.33	HUF 273.69	HUF 284.54
Iceland							
Reykjavik 024	Icelandic krona ISK	B S	USD 1 =	ISK 123.31	ISK 113.09	ISK 111.84	ISK 117.07
			USD 1 =	ISK 123.90	ISK 113.63	ISK 112.38	ISK 117.63
		B S	EUR 1 =	ISK 172.19	ISK 154.44	ISK 154.68	ISK 152.44
			EUR 1 =	ISK 173.15	ISK 155.30	ISK 155.54	ISK 153.30
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	B S	USD 1 =	INR 47.94	INR 44.44	INR 44.07	INR 45.52
			USD 1 =	INR 48.85	INR 45.35	INR 44.98	INR 46.52
		B S	EUR 1 =	INR 66.54	INR 60.11	INR 61.04	INR 59.40
			EUR 1 =	INR 68.21	INR 61.79	INR 62.75	INR 61.06
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B S	USD 1 =	IDR 10,317.13	IDR 8,879.00	IDR 8,883.00	IDR 8,968.00
			USD 1 =	IDR 10,420.88	IDR 8,969.00	IDR 8,973.00	IDR 9,058.00
		B S	EUR 1 =	IDR 14,329.21	IDR 12,076.33	IDR 12,348.26	IDR 11,788.44
			EUR 1 =	IDR 14,476.59	IDR 12,201.43	IDR 12,475.16	IDR 11,911.27
Iran, Islamic Republic of ¹							
Tehran 616	Iranian rial = 100 dinars IRR	M M	USD 1 =	IRR 9,870	IRR 10,198	IRR 10,370	IRR 10,399
			EUR 1 =	IRR 13,776	IRR 13,870	IRR 14,466	IRR 13,602

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 2009	Rate at end of month		
					September 2010	October 2010	November 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 1,634.970 IQD 1,635.784	IQD 1,591.691 IQD 1,592.487	IQD 1,620.458 IQD 1,621.269	IQD 1,537.313 IQD 1,538.082
Ireland							
Dublin 007	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3948	USD 1.3648	USD 1.3857	USD 1.2998
Israel							
Jerusalem 624	New Israeli sheqel = 100 agorot	M	USD 1 =	ILS 3.9228	ILS 3.6650	ILS 3.6360	ILS 3.6830
	ILS	M	EUR 1 =	ILS 5.4692	ILS 4.9873	ILS 5.0246	ILS 4.7892
Italy							
Rome 005	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3948	USD 1.3648	USD 1.3857	USD 1.2998
Jamaica							
Kingston 464	Jamaican dollar = 100 cents	B S	USD 1 = USD 1 =	JMD 88.3707 JMD 88.8226	JMD 85.7955 JMD 86.2482	JMD 85.1424 JMD 85.6225	JMD 85.7418 JMD 86.1412
	JMD	B S	EUR 1 = EUR 1 =	JMD 123.2447 JMD 123.8946	JMD 116.5205 JMD 117.1472	JMD 118.4079 JMD 118.9984	JMD 112.1548 JMD 112.7243
Japan							
Tokyo 732	Japanese yen = 100 sen	B S	USD 1 = USD 1 =	JPY 92.58 JPY 94.58	JPY 82.82 JPY 84.82	JPY 79.89 JPY 81.89	JPY 83.27 JPY 85.27
	JPY	B S	EUR 1 = EUR 1 =	JPY 128.73 JPY 131.73	JPY 112.74 JPY 115.74	JPY 111.11 JPY 114.11	JPY 109.16 JPY 112.16
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 0.98798 JOD 0.99293	JOD 0.96005 JOD 0.97093	JOD 0.97761 JOD 0.99038	JOD 0.91913 JOD 0.93358
Kazakhstan							
Astana 079	Tenge = 100 tiyn	M	USD 1 =	KZT 147.85	KZT 147.47	KZT 147.57	KZT 147.49
	KZT	M	EUR 1 =	KZT 206.18	KZT 200.38	KZT 204.12	KZT 195.57
Kenya ¹							
Nairobi 346	Kenya shilling = 100 cents	B S	USD 1 = USD 1 =	KES 77.2199 KES 77.3859	KES 80.6822 KES 80.8739	KES 80.6967 KES 80.8772	KES 80.8728 KES 81.0756
	KES	B S	EUR 1 = EUR 1 =	KES 107.6990 KES 107.9490	KES 109.5213 KES 109.8251	KES 111.9833 KES 112.2706	KES 106.1500 KES 106.5000

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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
Kiribati ¹							
Bairiki / Tarawa 812	Australian dollar / Kiribati = 100 cents AUD	² M	AUD 1 =	EUR 0.5683	EUR 0.7121	EUR 0.7029	EUR 0.7348
Korea, Democratic People's Republic of							
Pyongyang 724	North Korean won = 100 chon KPW	B S	USD 1 = USD 1 =	. .	KPW 99.20 KPW 99.71	KPW 98.66 KPW 99.17	KPW 101.10 KPW 101.63
		B S	EUR 1 = EUR 1 =	. .	KPW 135.30 KPW 136.00	KPW 136.50 KPW 137.20	KPW 132.60 KPW 133.30
Korea, Republic of							
Seoul 728	South Korean won = 100 chon KRW	B S	USD 1 = USD 1 =	KRW 1,263.39 KRW 1,288.30	KRW 1,125.40 KRW 1,147.60	KRW 1,114.00 KRW 1,136.00	KRW 1,148.20 KRW 1,170.80
		B S	EUR 1 = EUR 1 =	KRW 1,753.46 KRW 1,788.87	KRW 1,533.23 KRW 1,564.19	KRW 1,539.32 KRW 1,570.40	KRW 1,499.75 KRW 1,530.03
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils KWD	B S	USD 1 = USD 1 =	KWD 0.28748 KWD 0.28967	KWD 0.28285 KWD 0.28695	KWD 0.27985 KWD 0.28395	KWD 0.28100 KWD 0.28460
		B S	EUR 1 = EUR 1 =	KWD 0.402143 KWD 0.405304	KWD 0.386218 KWD 0.391816	KWD 0.387564 KWD 0.393242	KWD 0.366227 KWD 0.370919
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tyiyn KGS	M M	USD 1 = EUR 1 =	KGS 42.9989 KGS 60.1184	KGS 46.6377 KGS 62.7318	KGS 46.7409 KGS 64.6403	KGS 46.8600 KGS 62.1292
Lao People's Democratic Republic							
Vientiane 684	Kip LAK	B S	USD 1 = USD 1 =	LAK 8,504 LAK 8,532	LAK 8,103 LAK 8,135	LAK 8,033 LAK 8,070	LAK 8,033 LAK 8,070
		B S	EUR 1 = EUR 1 =	LAK 11,825 LAK 11,881	LAK 11,035 LAK 11,087	LAK 11,075 LAK 11,128	LAK 10,535 LAK 10,585
Latvia							
Riga 054	Latvian lats = 100 santims LVL	M M	USD 1 = EUR 1 =	LVL 0.5056 LVL 0.702804	LVL 0.5170 LVL 0.702804	LVL 0.5090 LVL 0.702804	LVL 0.5310 LVL 0.702804
Lebanon							
Beirut 604	Lebanese pound = 100 piastres LBP	M M	USD 1 = EUR 1 =	LBP 1,507.50 LBP 2,101.12	LBP 1,507.50 LBP 2,057.89	LBP 1,507.50 LBP 2,084.87	LBP 1,507.50 LBP 1,964.42

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 2009	Rate at end of month		
					September 2010	October 2010	November 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 68.33 LRD 69.33 LRD 95.5674 LRD 96.9637	LRD 72.00 LRD 73.00 LRD 98.2656 LRD 99.6304	LRD 71.00 LRD 72.50 LRD 98.3847 LRD 100.4633	LRD 69.00 LRD 70.00 LRD 89.6862 LRD 90.9860
Libyan Arab Jamahiriya							
Tripoli 216	Libyan dinar = 1,000 dirham LYD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	LYD 1.249225 LYD 1.255492 LYD 1.745617 LYD 1.754375	LYD 1.2416 LYD 1.2478 LYD 1.6857 LYD 1.6942	LYD 1.2218 LYD 1.2279 LYD 1.7044 LYD 1.7129	LYD 1.2643 LYD 1.2706 LYD 1.6448 LYD 1.6531
Lithuania							
Vilnius 055	Lithuanian litas = 100 centas LTL	M M	USD 1 = EUR 1 =	LTL 2.4852 LTL 3.4528	LTL 2.5361 LTL 3.4528	LTL 2.4950 LTL 3.4528	LTL 2.5962 LTL 3.4528
Luxembourg							
Luxembourg 018	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3948	USD 1.3648	USD 1.3857	USD 1.2998
Macao ¹							
Macao 743	Pataca = 100 avos MOP	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	MOP 7.9345 MOP 8.0342 MOP 11.0653 MOP 11.2045	MOP 7.9432 MOP 8.0431 MOP 10.8257 MOP 10.9619	MOP 7.9397 MOP 8.0396 MOP 11.0480 MOP 11.1870	MOP 7.9479 MOP 8.0478 MOP 10.4347 MOP 10.5659
Macedonia ¹							
Skopje 096	Macedonian denar = 100 deni MKD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	MKD 43.9069 MKD 44.3482 MKD 60.9667 MKD 61.5794	MKD 45.0578 MKD 45.5106 MKD 61.3281 MKD 61.9445	MKD 44.2120 MKD 44.6564 MKD 61.2646 MKD 61.8804	MKD 46.5517 MKD 47.0196 MKD 61.1969 MKD 61.8119
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M M	USD 1 = EUR 1 =	MGA 1,955.84 MGA 2,721.84	MGA 2,014.82 MGA 2,738.36	MGA 1,997.35 MGA 2,764.17	MGA 2,024.53 MGA 2,703.69
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala MWK	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	MWK 140.5897 MWK 142.0027 MWK 196.1282 MWK 198.0993	MWK 150.0468 MWK 151.5548 MWK 204.5138 MWK 206.5692	MWK 150.0467 MWK 151.5547 MWK 209.0151 MWK 211.1157	MWK 150.0467 MWK 151.5547 MWK 196.9363 MWK 198.9155

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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
Malaysia							
Kuala Lumpur Seat of Government: Putrajaya 701	Malaysian ringgit = 100 sen	B S	USD 1 = USD 1 =	MYR 3.4889 MYR 3.5617	MYR 3.0542 MYR 3.1159	MYR 3.0744 MYR 3.1366	MYR 3.1284 MYR 3.1916
	MYR	B S	EUR 1 = EUR 1 =	MYR 4.8468 MYR 4.9745	MYR 4.1483 MYR 4.2576	MYR 4.2700 MYR 4.3825	MYR 4.0914 MYR 4.1992
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 17.8029 MVR 17.9426	MVR 17.4012 MVR 17.5377	MVR 17.6677 MVR 17.8062	MVR 16.5725 MVR 16.7024
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 1.3948	USD 1.3648	USD 1.3857	USD 1.2998
Mauritania							
Nouakchott 228	Ouguiya = 5 khoums	B S	USD 1 = USD 1 =	MRO 261.16 MRO 263.78	MRO 285.31 MRO 288.18	MRO 282.86 MRO 285.70	MRO 279.80 MRO 282.60
	MRO	B S	EUR 1 = EUR 1 =	MRO 364.36 MRO 368.01	MRO 388.17 MRO 392.06	MRO 393.15 MRO 397.10	MRO 365.75 MRO 369.42
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents	B S	USD 1 = USD 1 =	MUR 31.1938 MUR 32.6452	MUR 29.5157 MUR 30.9246	MUR 29.1065 MUR 30.5103	MUR 29.8699 MUR 31.2987
	MUR	B S	EUR 1 = EUR 1 =	MUR 43.5238 MUR 45.5318	MUR 40.0986 MUR 41.9914	MUR 40.4367 MUR 42.3746	MUR 39.0932 MUR 40.9680
Mexico							
Mexico City 412	Mexican peso = 100 centavos	B S	USD 1 = USD 1 =	MXN 13.4862 MXN 13.4926	MXN 12.6240 MXN 12.6250	MXN 12.3630 MXN 12.3660	MXN 12.4580 MXN 12.4610
	MXN	V, B V, S	EUR 1 = EUR 1 =	MXN 18.7969 MXN 18.8057	MXN 17.2292 MXN 17.2306	MXN 17.1314 MXN 17.1356	MXN 16.1929 MXN 16.1968
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani	M	USD 1 =	MDL 11.1556	MDL 12.0159	MDL 11.8126	MDL 12.1225
	MDL	M	EUR 1 =	MDL 15.5455	MDL 16.3422	MDL 16.3605	MDL 15.9605
Mongolia							
Ulan Bator 716	Togrog = 100 mongo	M	USD 1 =	MNT 1,440.76	MNT 1,325.59	MNT 1,285.47	MNT 1,246.69
	MNT	M	EUR 1 =	MNT 2,007.30	MNT 1,804.39	MNT 1,775.88	MNT 1,658.16

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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
Montenegro							
Podgorica 097	Euro = 100 cent EUR	B S	USD 1 = USD 1 =	EUR 0.7184	EUR 0.7325	EUR 0.7195	EUR 0.7584
				EUR 0.7227	EUR 0.7369	EUR 0.7238	EUR 0.7630
Morocco							
Rabat 204	Moroccan dirham = 100 centimes MAD	B S	USD 1 = USD 1 =	MAD 8.0695	MAD 8.1963	MAD 8.0618	MAD 8.5260
				MAD 8.1180	MAD 8.2456	MAD 8.1102	MAD 8.5772
		B S	EUR 1 = EUR 1 =	MAD 11.214	MAD 11.177	MAD 11.216	MAD 11.080
				MAD 11.281	MAD 11.244	MAD 11.283	MAD 11.147
Mozambique							
Maputo 366	Metical = 100 centavos MZN	B S	USD 1 = USD 1 =	MZN 26.70	MZN 35.81	MZN 35.76	MZN 35.27
				MZN 26.90	MZN 36.01	MZN 35.96	MZN 35.47
		B S	EUR 1 = EUR 1 =	MZN 37.36	MZN 48.97	MZN 49.73	MZN 45.85
				MZN 37.64	MZN 49.25	MZN 50.01	MZN 46.11
Myanmar ¹							
Rangoon / Yangon Seat of Government: Nay Pyi Taw 676	Kyat = 100 pyas MMK	B S	USD 1 = USD 1 =	MMK 5.5218	MMK 5.4813	MMK 5.3924	MMK 5.5205
				MMK 5.6323	MMK 5.5909	MMK 5.5003	MMK 5.6309
		B S	EUR 1 = EUR 1 =	MMK 7.6947	MMK 7.4606	MMK 7.5661	MMK 7.3638
				MMK 7.8486	MMK 7.6098	MMK 7.7174	MMK 7.5111
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 = USD 1 =	NPR 77.39	NPR 71.74	NPR 70.90	NPR 72.85
				NPR 77.99	NPR 72.34	NPR 71.50	NPR 73.45
		B S	EUR 1 = EUR 1 =	NPR 107.65	NPR 97.67	NPR 98.13	NPR 96.88
				NPR 108.49	NPR 98.48	NPR 98.96	NPR 97.67
Netherlands							
Amsterdam Seat of Government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3948	USD 1.3648	USD 1.3857	USD 1.2998
Netherlands Antilles ¹							
Willemstad 478	Netherlands Antillean guilder = 100 cent ANG	B S	USD 1 = USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
				ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
		B S	EUR 100 = EUR 100 =	ANG 248.68	ANG 243.08	ANG 246.80	ANG 231.50
				ANG 253.69	ANG 247.98	ANG 251.77	ANG 236.17
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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
New Zealand							
Wellington 804	New Zealand dollar = 100 cents NZD	B	NZD 1 =	USD 0.6450	USD 0.7465	USD 0.7642	USD 0.7536
		S	NZD 1 =	USD 0.6278	USD 0.7260	USD 0.7433	USD 0.7329
		B	NZD 1 =	EUR 0.4616	EUR 0.5500	EUR 0.5511	EUR 0.5764
		S	NZD 1 =	EUR 0.4464	EUR 0.5315	EUR 0.5326	EUR 0.5570
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 20.3795	NIO 21.6151	NIO 21.7048	NIO 21.7920
		V, M	EUR 1 =	NIO 28.4757	NIO 29.5003	NIO 30.0763	NIO 28.3252
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 146.53	NGN 148.85	NGN 147.50	NGN 147.75
		S	USD 1 =	NGN 147.53	NGN 149.85	NGN 148.50	NGN 148.75
	B	EUR 1 =	NGN 204.4448	NGN 202.8528	NGN 204.5088	NGN 192.4296	
	S	EUR 1 =	NGN 205.8394	NGN 204.2156	NGN 205.8953	NGN 193.7320	
Norway							
Oslo 028	Norwegian krone = 100 øre NOK	B	USD 1 =	NOK 6.2732	NOK 5.8507	NOK 5.9310	NOK 6.1436
		S	USD 1 =	NOK 6.2952	NOK 5.8727	NOK 5.9530	NOK 6.1656
	B	EUR 1 =	NOK 8.7199	NOK 7.9504	NOK 8.2343	NOK 8.0629	
	S	EUR 1 =	NOK 8.7499	NOK 7.9804	NOK 8.2643	NOK 8.0929	
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 0.5358912	OMR 0.5222016	OMR 0.5355264	OMR 0.5030016	
	S	EUR 1 =	OMR 0.5374183	OMR 0.5236000	OMR 0.5369980	OMR 0.5043500	
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa PKR	B	USD 1 =	PKR 81.60	PKR 86.00	PKR 85.75	PKR 85.60
		S	USD 1 =	PKR 81.80	PKR 86.20	PKR 85.95	PKR 85.80
	B	EUR 1 =	PKR 113.96	PKR 116.93	PKR 119.21	PKR 112.20	
	S	EUR 1 =	PKR 114.24	PKR 117.21	PKR 119.48	PKR 112.46	
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 0.3859	USD 0.3965	USD 0.4010	USD 0.3990
		S	PGK 1 =	USD 0.3439	USD 0.3545	USD 0.3590	USD 0.3570
	B	PGK 1 =	EUR 0.2686	EUR 0.2863	EUR 0.2835	EUR 0.2984	
	S	PGK 1 =	EUR 0.2536	EUR 0.2658	EUR 0.2630	EUR 0.2779	

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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
Paraguay							
Asunción 520	Guarani = 100 céntimos	B S	USD 1 = USD 1 =	PYG 4,947.02 PYG 4,967.98	PYG 4,826.39 PYG 4,860.31	PYG 4,936.50 PYG 4,942.60	PYG 4,639.01 PYG 4,696.12
	PYG	V, B V, S	EUR 1 = EUR 1 =	PYG 6,899.23 PYG 6,928.05	PYG 6,587.06 PYG 6,633.35	PYG 6,840.51 PYG 6,848.96	PYG 6,029.79 PYG 6,104.02
Peru							
Lima 504	Nuevo sol = 100 céntimos	B S	USD 1 = USD 1 =	PEN 3.006 PEN 3.007	PEN 2.787 PEN 2.788	PEN 2.796 PEN 2.798	PEN 2.831 PEN 2.832
	PEN	B S	EUR 1 = EUR 1 =	PEN 4.065 PEN 4.300	PEN 3.675 PEN 3.872	PEN 3.833 PEN 4.001	PEN 3.550 PEN 3.798
Philippines							
Manila 708	Philippine peso = 100 centavos	B S	USD 1 = USD 1 =	PHP 47.30357 PHP 48.05018	PHP 43.53642 PHP 44.22358	PHP 42.67323 PHP 43.34677	PHP 43.65548 PHP 44.34452
	PHP	B S	EUR 1 = EUR 1 =	PHP 64.98913 PHP 67.81771	PHP 59.07728 PHP 60.55716	PHP 59.17181 PHP 60.65405	PHP 57.02694 PHP 58.45546
Poland							
Warsaw 060	Polish zloty = 100 groszy	M M	USD 1 = EUR 1 =	PLN 3.1181 PLN 4.3207	PLN 2.9250 PLN 3.9870	PLN 2.8873 PLN 3.9944	PLN 3.1308 PLN 4.0734
	PLN						
Portugal							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3948	USD 1.3648	USD 1.3857	USD 1.2998
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 5.061 QAR 5.131	QAR 4.889 QAR 5.009	QAR 4.965 QAR 5.084	QAR 4.691 QAR 4.809
Romania							
Bucharest 066	Romanian leu = 100 bani RON	M M	USD 1 = EUR 1 =	RON 3.0469 RON 4.2403	RON 3.1254 RON 4.2674	RON 3.0904 RON 4.2664	RON 3.2861 RON 4.2842
Russian Federation							
Moscow 075	Russian rouble = 100 kopeken RUB	M M	USD 1 = EUR 1 =	RUB 31.7669 RUB 44.2543	RUB 30.4030 RUB 41.3481	RUB 30.7821 RUB 42.7256	RUB 31.3061 RUB 41.5682

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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B S	USD 1 = USD 1 =	RWF 565.11 RWF 571.93	RWF 586.41 RWF 593.49	RWF 587.000275 RWF 594.086797	RWF 589.460983 RWF 596.577213
	RWF	B S	EUR 1 = EUR 1 =	RWF 787.06 RWF 796.56	RWF 797.70 RWF 807.33	RWF 811.469180 RWF 821.265588	RWF 776.143277 RWF 785.513215
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 3.7495 XCD 3.7895	XCD 3.6689 XCD 3.7080	XCD 3.7250 XCD 3.7648	XCD 3.4941 XCD 3.5314
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 3.7495 XCD 3.7895	XCD 3.6689 XCD 3.7080	XCD 3.7250 XCD 3.7648	XCD 3.4941 XCD 3.5314
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 3.7495 XCD 3.7895	XCD 3.6689 XCD 3.7080	XCD 3.7250 XCD 3.7648	XCD 3.4941 XCD 3.5314
Samoa							
Apia 819	Tala = 100 sene	B S	WST 1 = WST 1 =	USD 0.3780 USD 0.3610	USD 0.4205 USD 0.4035	USD 0.4282 USD 0.4112	USD 0.4214 USD 0.4044
	WST	B S	WST 1 = WST 1 =	EUR 0.2764 EUR 0.2524	EUR 0.3215 EUR 0.2895	EUR 0.3221 EUR 0.2901	EUR 0.3367 EUR 0.3047
Sao Tome and Principe 1							
São Tomé 311	Dobra = 100 céntimos	B S	USD 1 = USD 1 =	STD 16,094.48 STD 16,416.21	STD 18,202.08 STD 18,475.11	STD 17,680.59 STD 17,945.80	STD . STD .
	STD	B S	EUR 1 = EUR 1 =	STD 22,429.48 STD 22,877.85	STD 24,500.00 STD 24,500.00	STD 24,500.00 STD 24,500.00	STD . STD .
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 5.1237 SAR 5.4221	SAR 5.0884 SAR 5.3350	SAR 5.1468 SAR 5.3963	SAR 4.8312 SAR 5.0283

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 2009	Rate at end of month		
					September 2010	October 2010	November 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 67.4034	RSD 77.8756	RSD 77.1037	RSD 81.5139
		S	USD 1 =	RSD 67.8090	RSD 78.3442	RSD 77.5677	RSD 82.0045
	RSD	B	EUR 1 =	RSD 93.7705	RSD 105.8563	RSD 107.1047	RSD 106.8729
		S	EUR 1 =	RSD 94.3348	RSD 106.4933	RSD 107.7493	RSD 107.5161
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 13.0755	SCR 12.1377	SCR 12.0579	SCR 12.0284
		S	USD 1 =	SCR 13.8933	SCR 12.6280	SCR 12.5561	SCR 12.4998
	SCR	B	EUR 1 =	SCR 18.0483	SCR 16.3401	SCR 16.5776	SCR 15.7882
		S	EUR 1 =	SCR 19.1504	SCR 16.7250	SCR 17.4296	SCR 16.5251
Sierra Leone							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 3,380.98	SLL 4,040.29	SLL 4,073.33	SLL 4,149.60
		S	USD 1 =	SLL 3,449.28	SLL 4,121.91	SLL 4,155.62	SLL 4,233.43
	SLL	V, B	EUR 1 =	SLL 4,740.15	SLL 5,514.19	SLL 5,644.41	SLL 5,393.65
		V, S	EUR 1 =	SLL 4,835.92	SLL 5,625.58	SLL 5,758.44	SLL 5,502.61
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.4536	SGD 1.3175	SGD 1.2987	SGD 1.3191
		M	EUR 1 =	SGD 2.0244	SGD 1.7919	SGD 1.8056	SGD 1.7289
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3948	USD 1.3648	USD 1.3857	USD 1.2998
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3948	USD 1.3648	USD 1.3857	USD 1.2998
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents	B	SBD 1 =	USD 0.1263	USD 0.1262	USD 0.1262	USD 0.1262
		S	SBD 1 =	USD 0.1219	USD 0.1218	USD 0.1218	USD 0.1218
	SBD	B	SBD 1 =	EUR 0.0917	EUR 0.0936	EUR 0.0915	EUR 0.0971
		S	SBD 1 =	EUR 0.0871	EUR 0.0889	EUR 0.0869	EUR 0.0922

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 2009	Rate at end of month		
					September 2010	October 2010	November 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 8.2152	ZAR 6.7944	ZAR 6.7811	ZAR 6.9466
		S	USD 1 =	ZAR 8.5220	ZAR 7.1119	ZAR 7.0986	ZAR 7.2641
	ZAR	B	EUR 1 =	ZAR 11.3769	ZAR 9.2604	ZAR 9.4250	ZAR 9.0189
		S	EUR 1 =	ZAR 11.8196	ZAR 9.7174	ZAR 9.8831	ZAR 9.4682
Spain							
Madrid 011	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3948	USD 1.3648	USD 1.3857	USD 1.2998
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 114.31	LKR 111.18	LKR 110.96	LKR 110.65
		S	USD 1 =	LKR 115.93	LKR 112.77	LKR 112.64	LKR 112.33
	LKR	B	EUR 1 =	LKR 158.74	LKR 150.61	LKR 153.46	LKR 144.29
		S	EUR 1 =	LKR 162.26	LKR 154.15	LKR 157.32	LKR 148.49
Sudan							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 2.3152	SDG 2.3666	SDG 2.3660	SDG 2.4124
		S	USD 1 =	SDG 2.3264	SDG 2.3784	SDG 2.3778	SDG 2.4245
	SDG	B	EUR 1 =	SDG 3.2362	SDG 3.2193	SDG 3.3096	SDG 3.1590
		S	EUR 1 =	SDG 3.2524	SDG 3.2354	SDG 3.3261	SDG 3.1748
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 3.779	SRD 3.689	SRD 3.755	SRD 3.563
		S	EUR 1 =	SRD 3.877	SRD 3.784	SRD 3.852	SRD 3.655
Swaziland ¹							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 8.2628	SZL 6.9240	SZL 6.9728	SZL 7.0867
		S	USD 1 =	SZL 8.3007	SZL 7.0240	SZL 7.0728	SZL 7.1867
	SZL	B	EUR 1 =	SZL 11.47385	SZL 9.41390	SZL 9.67340	SZL 9.29420
		S	EUR 1 =	SZL 11.53038	SZL 9.55050	SZL 9.81350	SZL 9.42820
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 7.6132	SEK 6.7050	SEK 6.7425	SEK 6.9750
		S	USD 1 =	SEK 7.6807	SEK 6.7725	SEK 6.8100	SEK 7.0425
	SEK	B	EUR 1 =	SEK 10.6123	SEK 9.1435	SEK 9.3820	SEK 9.1670
		S	EUR 1 =	SEK 10.6638	SEK 9.1950	SEK 9.4335	SEK 9.2185

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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
Switzerland							
Berne 039	Swiss franc = 100 rappen / centimes CHF	B	USD 1 =	CHF 1.0731	CHF 0.9772	CHF 0.9890	CHF 0.9987
		S	USD 1 =	CHF 1.1020	.	.	.
		B	EUR 1 =	CHF 1.4924	CHF 1.3302	CHF 1.3687	CHF 1.2996
		S	EUR 1 =	CHF 1.5281	.	.	.
Syrian Arab Republic							
Damascus 608	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 46.61	SYP 46.30	SYP 46.07	SYP 46.80
		S	USD 1 =	SYP 46.81	SYP 46.50	SYP 46.53	SYP 47.28
		B	EUR 1 =	SYP 64.97	SYP 62.74	SYP 64.24	SYP 60.90
		S	EUR 1 =	SYP 65.27	SYP 63.04	SYP 64.88	SYP 61.52
Tajikistan							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 4.1590	TJS 4.3828	TJS 4.3852	TJS 4.3998
		M	EUR 1 =	TJS 5.8140	TJS 5.9129	TJS 6.1244	TJS 5.8335
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 1,293.9977	TZS 1,468.8338	TZS 1,467.0796	TZS 1,455.6626
		S	USD 1 =	TZS 1,320.4058	TZS 1,498.8100	TZS 1,497.0200	TZS 1,485.3700
		B	EUR 1 =	TZS 1,805.2370	TZS 1,997.7609	TZS 2,036.1598	TZS 1,924.5315
		S	EUR 1 =	TZS 1,842.4964	TZS 2,038.9811	TZS 2,078.6123	TZS 1,964.2533
Thailand							
Bangkok 680	Thai baht = 100 satang THB	B	USD 1 =	THB 34.1899	THB 30.2741	THB 29.8284	THB 30.0772
		S	USD 1 =	THB 34.4685	THB 30.5578	THB 30.1135	THB 30.3614
		B	EUR 1 =	THB 47.4803	THB 41.0982	THB 41.3521	THB 39.3651
		S	EUR 1 =	THB 48.1280	THB 41.7186	THB 41.9811	THB 39.9706
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 0.5292	USD 0.5403	USD 0.5738	USD 0.5775
		S	TOP 1 =	USD 0.4798	USD 0.5183	USD 0.5259	USD 0.5294
		B	TOP 1 =	EUR 0.3969	EUR 0.4067	EUR 0.4352	EUR 0.4660
		S	TOP 1 =	EUR 0.3369	EUR 0.3701	EUR 0.3673	EUR 0.3933
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.2819	TTD 6.2733	TTD 6.2903	TTD 6.2873
		S	USD 1 =	TTD 6.3319	TTD 6.3643	TTD 6.3579	TTD 6.3962
		B	EUR 1 =	TTD 8.6303	TTD 8.4331	TTD 8.9209	TTD 8.1352
		S	EUR 1 =	TTD 8.9803	TTD 8.8033	TTD 9.0121	TTD 8.3998

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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes TND	B	USD 1 =	TND 1.3446	TND 1.4156	TND 1.3854	TND 1.4427
		S	USD 1 =	TND 1.3580	TND 1.4298	TND 1.3993	TND 1.4571
		B	EUR 1 =	TND 1.8708	TND 1.9227	TND 1.9211	TND 1.8911
		S	EUR 1 =	TND 1.8895	TND 1.9420	TND 1.9403	TND 1.9100
Turkey							
Ankara 052	Turkish lira = 100 kuruş TRY	B	USD 1 =	TRY 1.5474	TRY 1.4512	TRY 1.4301	TRY 1.4863
		S	USD 1 =	TRY 1.5548	TRY 1.4582	TRY 1.4370	TRY 1.4935
		B	EUR 1 =	TRY 2.1508	TRY 1.9754	TRY 1.9746	TRY 1.9624
		S	EUR 1 =	TRY 2.1611	TRY 1.9849	TRY 1.9841	TRY 1.9719
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 3.9720	TMT 3.8732	TMT 3.9401	TMT 3.7834
Uganda							
Kampala 350	Uganda shilling UGX	B	USD 1 =	UGX 2,025.82	UGX 2,239.83	UGX 2,281.91	UGX 2,298.37
		S	USD 1 =	UGX 2,043.59	UGX 2,249.90	UGX 2,286.86	UGX 2,308.63
		B	EUR 1 =	UGX 2,821.05	UGX 3,046.17	UGX 3,144.24	UGX 3,078.44
		S	EUR 1 =	UGX 2,845.58	UGX 3,059.86	UGX 3,151.06	UGX 3,092.15
Ukraine							
Kyiv 072	Hryvnia = 100 kopeken UAH	M	USD 100 =	UAH 779.49	UAH 791.35	UAH 791.16	UAH 793.80
		M	EUR 100 =	UAH 1,086.7036	UAH 1,077.1065	UAH 1,096.3104	UAH 1,043.5295
United Arab Emirates ¹							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils AED	B	USD 1 =	AED 3.6530	AED 3.653	AED 3.653	AED 3.653
		S	USD 1 =	AED 3.6833	AED 3.685	AED 3.685	AED 3.685
		B	EUR 1 =	AED 5.06066	AED 4.90247	AED 5.02487	AED 4.77140
		S	EUR 1 =	AED 5.17814	AED 5.10109	AED 5.24401	AED 4.96713
United Kingdom ¹							
London 006	Pound sterling = 100 pence GBP	M	GBP 1 =	USD 1.5663	USD 1.5755	USD 1.5988	USD 1.5573
		M	EUR 1 =	GBP 0.8885	GBP 0.8665	GBP 0.8693	GBP 0.8359
United States							
Washington 400	US dollar = 100 cents USD	B	EUR 1 =	USD 1.3923	USD 1.3641	USD 1.3918	USD 1.2983
		S	EUR 1 =	USD 1.3926	USD 1.3642	USD 1.3924	USD 1.2988
		B	GBP 1 =	USD 1.5666	USD 1.5716	USD 1.6024	USD 1.5556
		S	GBP 1 =	USD 1.5670	USD 1.5719	USD 1.6028	USD 1.5559

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 2009	Rate at end of month		
					September 2010	October 2010	November 2010
Uruguay							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	B / S	USD 1 =	UYU 22.540	UYU 20.296	UYU 20.001	UYU 19.950
		B / S	EUR 1 =	UYU 31.32	UYU 27.67	UYU 27.82	UYU 26.00
Uzbekistan							
Tashkent 081	Uzbekistan sum = 100 tijin UZS	M	USD 1 =	UZS 1,467.89	UZS 1,620.20	UZS 1,626.30	UZS 1,633.90
		M	EUR 1 =	UZS 2,086.99	UZS 2,173.17	UZS 2,259.78	UZS 2,183.71
Vanuatu							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 104.37	VUV 94.20	VUV 93.73	VUV 93.60
		S	USD 1 =	VUV 110.02	VUV 99.71	VUV 99.01	VUV 99.20
		B	EUR 1 =	VUV 145.56	VUV 128.84	VUV 129.57	VUV 125.50
		S	EUR 1 =	VUV 150.84	VUV 134.29	VUV 135.05	VUV 130.82
Venezuela, Bolivarian Republic of ¹							
Caracas 484	Bolívar fuerte = 100 céntimos VEF	² B	USD 1 =	–	VEF 2.5935	VEF 2.5935	VEF 2.5935
		S	USD 1 =	–	VEF 2.6000	VEF 2.6000	VEF 2.6000
		B	EUR 1 =	–	VEF 3.5346812	VEF 3.6085959	VEF 3.3663630
		S	EUR 1 =	–	VEF 3.5448400	VEF 3.6189400	VEF 3.3750600
		³ B	USD 1 =	–	VEF 4.2893	VEF 4.2893	VEF 4.2893
		S	USD 1 =	–	VEF 4.3000	VEF 4.3000	VEF 4.3000
B	EUR 1 =	–	VEF 5.84588697	VEF 5.96813202	VEF 5.56751140		
S	EUR 1 =	–	VEF 5.86262000	VEF 5.98517000	VEF 5.58183000		
Viet Nam							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 17,861	VND 19,490	VND 19,495	VND 19,495
		S	USD 1 =	VND 17,871	VND 19,500	VND 19,500	VND 19,500
		B	EUR 1 =	VND 25,208.35	VND 26,493.81	VND 27,997.46	VND 27,820.71
		S	EUR 1 =	VND 25,674.44	VND 26,842.12	VND 28,418.70	VND 28,337.78
Yemen							
Sana'a 653	Yemeni rial = 100 fils YER	B	USD 1 =	YER 203.04	YER 214.50	YER 214.00	YER 213.80
		S	USD 1 =	YER 203.33	YER 214.70	YER 214.20	YER 214.00
		B	EUR 1 =	YER 283.50	YER 291.23	YER 298.53	YER 283.09
		S	EUR 1 =	YER 283.90	YER 291.50	YER 298.81	YER 283.36
Zambia							
Lusaka 378	Kwacha = 100 ngwee ZMK	B	USD 1 =	ZMK 5,051.28	ZMK 4,835.73	ZMK 4,650.21	ZMK 4,921.88
		S	USD 1 =	ZMK 5,071.26	ZMK 4,855.73	ZMK 4,670.21	ZMK 4,941.88
		B	EUR 1 =	ZMK 7,025.20	ZMK 6,606.57	ZMK 6,467.51	ZMK 6,399.42
		S	EUR 1 =	ZMK 7,054.46	ZMK 6,634.87	ZMK 6,495.79	ZMK 6,427.40
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. — ³ Official rate II.

V Value of the special drawing right in selected currencies *

1 End of year

SDR 11 = 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	1.36623	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

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

2 End of month

SDR 11 = 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 Mar	1.51019	1.13394	0.771248	177.674	1.74109	1.84424	10.5713	8.44873	9.20658
Apr	1.52418	1.12031	0.764152	182.292	1.68681	1.84243	10.2692	8.3469	9.10420
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	8.03387	8.37872
Mar	1.64450	1.04003	0.827007	164.614	1.69038	1.63447	9.78474	7.71264	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

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 krone NOK	
2010 Sep	1	1.51472	1.18338	0.983971	127.843	1.59001	1.53593	11.1559	8.80980	9.39903
	2	1.51527	1.18214	0.984000	127.510	1.59406	1.53315	11.0880	8.80065	9.34012
	3	1.51527	1.18067	0.983942	127.813	1.57755	1.53830	11.0008	8.78990	9.31437
	7	1.51295	1.18718	0.984543	127.405	1.57755	1.53277	11.0105	8.83845	9.36803
	8	1.51208	1.19090	0.978761	126.425	1.56637	1.52509	11.0458	8.86698	9.38553
	9	1.51286	1.18982	0.981547	127.050	1.56248	1.53086	11.0401	8.85959	9.36689
	10	1.51253	1.18863	0.978608	127.204	1.56668	1.55004	10.9772	8.84956	9.36163
	13	1.51525	1.18370	0.984126	127.509	1.55753	1.53541	10.8492	8.81453	9.29446
	14	1.51838	1.18162	0.985707	126.633	1.55209	.	10.8526	8.79840	9.30873
	15	1.51955	1.16988	0.979720	129.162	1.56240	1.52532	10.7584	8.71217	9.23856
	16	1.52479	1.16592	0.976553	130.217	1.56657	1.52845	10.7917	8.68184	9.27549
	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	9.29670
	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

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-November 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	LKR	Sri Lanka rupee	Sri Lanka	LRD	Liberian dollar	Liberia
BRL	Brazilian real	Brazil	LSL	Loti	Lesotho	LTL	Lithuanian litas	Lithuania
BSD	Bahamian dollar	Bahamas	LTV	Latvian lats	Latvia	LYD	Libyan dinar	Libyan Arab Jamahiriya
BTN	Ngultrum	Bhutan	GBP	Pound sterling	United Kingdom			
BWP	Pula	Botswana	GEL	Lari	Georgia			
BYR	Belarusian rouble	Belarus	GHS	Ghana cedi	Ghana			
BZD	Belize dollar	Belize	GIP	Gibraltar pound	Gibraltar			
CAD	Canadian dollar	Canada	GMD	Dalasi	Gambia			
CDF	Congo franc	Congo, Democratic Republic of the	GNF	Guinean franc	Guinea			
CHF	Swiss franc	Switzerland Liechtenstein	GTQ	Quetzal	Guatemala			
CLP	Chilean peso	Chile	GYD	Guyana dollar	Guyana			
CNY	Chinese yuan renminbi	China						
COP	Colombian peso	Colombia						
CRC	Costa Rican colón	Costa Rica						
CUC	Convertible peso	Cuba 1						
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 an- nouncements 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 Estonian 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 Estonia 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 Estonian kroon in the Exchange Rate Mechanism II (ERM II).

The central rate of the Estonian kroon is set at

1 euro = 15.6466 kroon.

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

Following a careful assessment of the appropriateness and sustainability of Estonia's currency board, it was accepted that Estonia 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 Estonia, in time for the opening of the foreign exchange markets on 28 June 2004.

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.

...

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,

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, 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,

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 adoption 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,

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 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,

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 adop-

tion 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,

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, 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,

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 51-58). On 1 January 2001, Greece joined the European Monetary Union, followed by Slovenia on 1 January 2007, Cyprus and Malta on 1 January 2008 and Slovakia on 1 January 2009 (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 2005, since 1 January 2006, the SDR basket has contained the fixed currency amounts shown in column (a). These were fixed on 30 December 2005 on the basis of the average exchange rates in the London spot exchange market in the fourth quarter of 2005 and the initial new percentage weights (column b) such that, on 30 December 2005, the new SDR value corresponded with the value calculated on the basis of the old basket.

	(a)	(b)
US dollar	0.632	44
Euro	0.410	34
Japanese yen	18.4	11
Pound sterling	0.0903	11

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.

Ethiopia

With effect from 1 September 2010, the birr was devalued. Calculated using the indicative exchange rates published by the Ethiopian central bank on 31 August and 1 September 2010, the birr was devalued by 16.7% against the US dollar and 16.8% against the euro.

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.