

Exchange rate statistics January 2012

Statistical Supplement 5
to the Monthly Report

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Banking statistics	monthly
Capital market statistics	monthly
Balance of payments 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	Data unknown, not to be published or not meaningful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
	Greece	Greek drachma	GRD	340.750
2007 January 1	Slovenia	Slovenian tolar	SIT	239.640
2008 January 1	Cyprus	Cyprus pound	CYP	0.585274
	Malta	Maltese lira	MTL	0.429300
2009 January 1	Slovakia	Slovak koruna	SKK	30.1260
2011 January 1	Estonia	Estonian kroon	EEK	15.6466

* Excerpts from official communications and announcements on the euro and Exchange Rate Mechanism II, see pp 51–56.

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	⁵ 34.6449
	Central rate	–	–	–	–	38.4550	35.4424	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 51–56. 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	Hungary	Latvia	Lithuania	Poland	Romania	Sweden
		Bulgarian lev BGN	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Latvian lats LVL	Lithuanian litas LTL	Polish zloty PLN	Romanian leu RON	Swedish krona SEK
2011 Oct	3	1.9558	24.878	7.4423	294.50	0.7092	3.4528	4.3815	4.3001	9.1592
	4	1.9558	24.908	7.4426	299.63	0.7092	3.4528	4.4069	4.3270	9.1628
	5	1.9558	24.811	7.4434	298.84	0.7087	3.4528	4.3953	4.3145	9.1190
	6	1.9558	24.845	7.4428	296.55	0.7090	3.4528	4.3768	4.3133	9.1650
	7	1.9558	24.784	7.4439	296.63	0.7087	3.4528	4.3762	4.3115	9.1330
	10	1.9558	24.780	7.4434	293.60	0.7080	3.4528	4.3185	4.3123	9.1249
	11	1.9558	24.779	7.4435	295.05	0.7056	3.4528	4.3284	4.3290	9.1202
	12	1.9558	24.779	7.4444	292.03	0.7054	3.4528	4.2941	4.3131	9.1171
	13	1.9558	24.746	7.4450	291.80	0.7055	3.4528	4.3168	4.3203	9.1374
	14	1.9558	24.740	7.4456	292.70	0.7054	3.4528	4.3100	4.3288	9.1395
	17	1.9558	24.762	7.4453	293.94	0.7049	3.4528	4.2927	4.3320	9.1582
	18	1.9558	24.925	7.4456	298.40	0.7057	3.4528	4.3684	4.3525	9.1589
	19	1.9558	24.873	7.4455	295.80	0.7055	3.4528	4.3351	4.3389	9.1245
	20	1.9558	24.903	7.4450	296.24	0.7053	3.4528	4.3515	4.3331	9.0978
	21	1.9558	24.993	7.4456	298.46	0.7053	3.4528	4.3935	4.3304	9.1031
	24	1.9558	24.982	7.4452	297.40	0.7047	3.4528	4.3739	4.3240	9.1065
	25	1.9558	24.906	7.4452	297.07	0.7040	3.4528	4.3815	4.3236	9.1110
	26	1.9558	24.927	7.4445	297.86	0.7043	3.4528	4.3718	4.3288	9.0967
	27	1.9558	24.833	7.4441	302.20	0.7043	3.4528	4.3420	4.3323	9.0280
	28	1.9558	24.700	7.4427	300.35	0.7040	3.4528	4.3250	4.3115	9.0182
	31	1.9558	24.801	7.4420	303.55	0.7045	3.4528	4.3447	4.3348	9.0090
Nov	1	1.9558	25.030	7.4414	309.48	0.7037	3.4528	4.4774	4.3528	9.0625
	2	1.9558	25.145	7.4410	305.36	0.7030	3.4528	4.3725	4.3480	9.0730
	3	1.9558	24.911	7.4411	302.90	0.7029	3.4528	4.3463	4.3523	9.0272
	4	1.9558	24.992	7.4427	304.05	0.7030	3.4528	4.3611	4.3566	9.1113
	7	1.9558	24.996	7.4438	306.71	0.7028	3.4528	4.3634	4.3523	9.0845
	8	1.9558	25.172	7.4445	307.36	0.7028	3.4528	4.3545	4.3565	9.0355
	9	1.9558	25.452	7.4446	310.50	0.7025	3.4528	4.3970	4.3550	9.0753
	10	1.9558	25.496	7.4420	310.67	0.7014	3.4528	4.3825	4.3500	9.0643
	11	1.9558	25.701	7.4422	310.52	0.7015	3.4528	4.4235	4.3472	9.0935
	14	1.9558	25.743	7.4430	315.60	0.7012	3.4528	4.3956	4.3505	9.1146
	15	1.9558	25.768	7.4427	314.77	0.7002	3.4528	4.4145	4.3495	9.1238
	16	1.9558	25.606	7.4425	314.00	0.7000	3.4528	4.4276	4.3645	9.1313
	17	1.9558	25.646	7.4427	312.17	0.7031	3.4528	4.4388	4.3638	9.1747
	18	1.9558	25.475	7.4426	305.30	0.7045	3.4528	4.4200	4.3643	9.1606
	21	1.9558	25.598	7.4426	307.07	0.7038	3.4528	4.4469	4.3628	9.1795
	22	1.9558	25.485	7.4421	305.40	0.7060	3.4528	4.4637	4.3573	9.2035
	23	1.9558	25.642	7.4387	309.60	0.7022	3.4528	4.4715	4.3548	9.2157
	24	1.9558	25.693	7.4370	309.93	0.6987	3.4528	4.4905	4.3570	9.2440
	25	1.9558	26.031	7.4372	314.32	0.6978	3.4528	4.5143	4.3653	9.2505
	28	1.9558	25.757	7.4375	308.91	0.6970	3.4528	4.5153	4.3660	9.2597
	29	1.9558	25.548	7.4377	309.08	0.6980	3.4528	4.5270	4.3518	9.2195
	30	1.9558	25.321	7.4370	307.63	0.6979	3.4528	4.5080	4.3535	9.1460
Dec	1	1.9558	25.279	7.4330	302.50	0.6975	3.4528	4.5050	4.3550	9.1258
	2	1.9558	25.202	7.4332	301.69	0.6978	3.4528	4.4726	4.3578	9.0834
	5	1.9558	25.146	7.4353	299.98	0.6978	3.4528	4.4687	4.3542	9.0460
	6	1.9558	25.230	7.4348	300.20	0.6978	3.4528	4.4548	4.3540	9.0552
	7	1.9558	25.328	7.4345	300.23	0.6978	3.4528	4.4715	4.3455	9.0149
	8	1.9558	25.230	7.4344	301.02	0.6975	3.4528	4.4763	4.3375	9.0140
	9	1.9558	25.475	7.4349	305.08	0.6981	3.4528	4.5149	4.3428	9.0185
	12	1.9558	25.578	7.4361	305.16	0.6979	3.4528	4.5395	4.3491	9.0525
	13	1.9558	25.633	7.4366	304.39	0.6970	3.4528	4.5608	4.3485	9.0605
	14	1.9558	25.649	7.4326	304.65	0.6973	3.4528	4.5607	4.3450	9.0852
	15	1.9558	25.534	7.4322	302.25	0.6973	3.4528	4.5350	4.3408	9.0708
	16	1.9558	25.343	7.4336	303.38	0.6975	3.4528	4.4891	4.3345	9.0337
	19	1.9558	25.292	7.4318	303.23	0.6973	3.4528	4.4880	4.3075	8.9898
	20	1.9558	25.491	7.4338	300.56	0.6969	3.4528	4.4590	4.3165	8.9780
	21	1.9558	25.618	7.4339	302.38	0.6965	3.4528	4.4568	4.3063	9.0021
	22	1.9558	25.625	7.4336	306.45	0.6965	3.4528	4.4352	4.3000	8.9952
	23	1.9558	25.839	7.4339	306.89	0.6965	3.4528	4.4397	4.2960	8.9648
	27	1.9558	25.785	7.4330	305.53	0.6974	3.4528	4.4040	4.2900	8.9735
	28	1.9558	25.820	7.4358	307.05	0.6972	3.4528	4.3947	4.2863	8.9685
	29	1.9558	25.910	7.4343	310.75	0.6990	3.4528	4.4411	4.3025	8.9414
	30	1.9558	25.787	7.4342	314.58	0.6995	3.4528	4.4580	4.3233	8.9120
2012 Jan	2	1.9558	25.505	7.4335	314.38	0.6998	3.4528	4.4733	4.3325	8.9275
	3	1.9558	25.688	7.4360	315.55	0.6993	3.4528	4.4744	4.3185	8.9283
	4	1.9558	25.761	7.4361	320.01	0.6987	3.4528	4.4895	4.3215	8.8985
	5	1.9558	25.914	7.4360	320.78	0.6983	3.4528	4.5054	4.3390	8.8461
	6	1.9558	25.851	7.4350	318.45	0.6977	3.4528	4.4973	4.3460	8.8388
	9	1.9558	25.818	7.4356	315.27	0.6978	3.4528	4.4821	4.3563	8.8343
	10	1.9558	25.785	7.4355	312.31	0.6981	3.4528	4.4626	4.3620	8.8120
	11	1.9558	25.821	7.4363	311.93	0.6982	3.4528	4.4609	4.3670	8.8087
	12	1.9558	25.581	7.4366	307.88	0.6999	3.4528	4.4392	4.3490	8.8515
	13	1.9558	25.450	7.4365	309.71	0.7002	3.4528	4.4060	4.3345	8.8892

* See Explanatory notes, p 57. 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										
United Kingdom	Australia	Brazil	Canada	China	Croatia	Hong Kong	Iceland	India		Period
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	Indian rupee INR		
0.85960	1.3838	2.5224	1.3967	8.4973	7.5038	10.3801	–	65.5160	2011 Oct	3
0.85650	1.3984	2.5024	1.3923	8.3858	7.5070	10.2623	–	65.1240		4
0.86300	1.3913	2.4769	1.4025	8.5037	7.5110	10.3797	–	65.8180		5
0.86680	1.3725	2.4350	1.3890	8.4650	7.4953	10.3286	–	65.4830		6
0.86480	1.3726	2.3946	1.3911	8.5413	7.4933	10.4574	–	66.0420		7
0.86890	1.3680	2.3723	1.3986	8.6297	7.4735	10.5797	–	66.5720		10
0.87020	1.3684	2.4120	1.3988	8.6758	7.4720	10.5882	–	67.1170		11
0.87535	1.3609	2.4462	1.3996	8.7534	7.4780	10.7104	–	67.3980		12
0.87585	1.3536	2.4217	1.4030	8.7580	7.4808	10.6792	–	67.4410		13
0.87480	1.3467	2.4042	1.4010	8.8178	7.4728	10.7384	–	67.6820		14
0.87400	1.3406	2.4083	1.3955	8.7746	7.4685	10.7124	–	67.4400		17
0.87020	1.3489	2.4332	1.4018	8.7262	7.4715	10.6373	–	67.5500		18
0.87495	1.3402	2.4280	1.3981	8.8203	7.4650	10.7532	–	67.9850		19
0.87500	1.3449	2.4417	1.4015	8.8147	7.4738	10.7412	–	68.7690		20
0.86775	1.3401	2.4638	1.3957	8.8120	7.4775	10.7353	–	69.0240		21
0.86910	1.3320	2.4650	1.3938	8.8343	7.4888	10.7782	–	69.0380		24
0.87010	1.3285	2.4241	1.3926	8.8528	7.4844	10.8235	–	68.9080		25
0.87190	1.3423	2.4459	1.4114	8.8492	7.4830	10.8257	–	68.9490		26
0.87630	1.3188	2.4341	1.3964	8.9284	7.4900	10.9113	–	69.5020		27
0.87935	1.3270	2.4082	1.4072	9.0058	7.4955	10.9975	–	69.0530		28
0.87310	1.3225	2.3647	1.3930	8.9000	7.4970	10.8735	–	68.1780		31
0.85515	1.3237	2.3945	1.3855	8.6613	7.5010	10.5920	–	67.1540	Nov	1
0.86190	1.3303	2.4000	1.3977	8.7785	7.4990	10.7303	–	67.9200		2
0.85930	1.3215	2.3675	1.3874	8.7544	7.4997	10.7009	–	67.6870		3
0.86125	1.3280	2.3957	1.4040	8.7321	7.4948	10.6997	–	67.6323		4
0.85655	1.3296	2.4022	1.3981	8.7275	7.4975	10.6782	–	67.4890		7
0.85805	1.3339	2.4048	1.3974	8.7506	7.4913	10.7134	–	68.2230		8
0.85385	1.3330	2.3863	1.3908	8.6323	7.4920	10.5956	–	68.3900		9
0.85335	1.3389	2.3974	1.3892	8.6430	7.4800	10.5976	–	68.1140		10
0.85680	1.3428	2.3956	1.3906	8.6571	7.4725	10.6235	–	68.4172		11
0.85660	1.3351	2.4080	1.3886	8.6813	7.4793	10.6264	–	68.8070		14
0.85345	1.3351	2.3904	1.3866	8.5842	7.4815	10.5313	–	68.5800		15
0.85430	1.3323	2.3968	1.3831	8.5636	7.4850	10.4934	–	68.4380		16
0.85400	1.3403	2.4000	1.3821	8.5669	7.4960	10.4965	–	68.6740		17
0.85805	1.3479	2.4043	1.3879	8.6273	7.4950	10.5719	–	69.5840		18
0.86000	1.3614	2.4257	1.3937	8.5613	7.4925	10.4824	–	70.3920		21
0.86570	1.3718	2.4431	1.4059	8.6022	7.4886	10.5446	–	70.8900		22
0.86030	1.3762	2.4682	1.3964	8.5121	7.4958	10.4324	–	70.2480		23
0.86060	1.3697	2.4851	1.3964	8.5159	7.4950	10.4237	–	69.5860		24
0.85585	1.3664	2.5127	1.3912	8.4307	7.4924	10.3145	–	69.1080		25
0.85820	1.3435	2.4877	1.3802	8.5215	7.4985	10.4038	–	69.4560		28
0.85365	1.3332	2.4621	1.3717	8.4778	7.5010	10.3929	–	69.4210		29
0.85580	1.3165	2.4341	1.3678	8.5567	7.5025	10.4436	–	70.1160		30
0.85910	1.3182	2.4189	1.3736	8.5890	7.5085	10.4868	–	69.3080	Dec	1
0.86020	1.3135	2.4122	1.3695	8.5702	7.5145	10.4958	–	69.0480		2
0.85925	1.3072	2.3957	1.3644	8.5310	7.5140	10.4454	–	69.0580		5
0.85655	1.3094	2.3995	1.3640	8.4847	7.5100	10.4095	–	68.7310		6
0.85745	1.3043	2.4018	1.3517	8.4905	7.5115	10.3994	–	69.1820		7
0.85280	1.3011	2.3994	1.3523	8.5313	7.4980	10.4260	–	69.3630		8
0.85315	1.3179	2.4243	1.3674	8.4820	7.5000	10.4118	–	69.6970		9
0.84800	1.3104	2.4068	1.3576	8.4284	7.4975	10.3109	–	70.0470		12
0.84625	1.3016	2.4292	1.3528	8.3877	7.4986	10.2548	–	70.1100		13
0.83900	1.3023	2.4275	1.3475	8.2659	7.5030	10.1126	–	70.0780		14
0.83935	1.3103	2.4226	1.3480	8.2587	7.5085	10.1320	–	69.7000		15
0.84055	1.3060	2.4085	1.3497	8.2698	7.5135	10.1673	–	68.8470		16
0.83980	1.3086	2.4272	1.3505	8.2558	7.5160	10.1496	–	69.0220		19
0.83680	1.3082	2.4303	1.3508	8.2914	7.5198	10.1751	–	69.2600		20
0.83230	1.2943	2.4223	1.3422	8.2734	7.5168	10.1578	–	68.7750		21
0.83250	1.2878	2.4218	1.3369	8.2705	7.5156	10.1523	–	68.6660		22
0.83310	1.2852	2.4234	1.3309	8.2742	7.5190	10.1544	–	69.0130		23
0.83350	1.2862	2.4273	1.3322	8.2631	7.5173	10.1636	–	69.1840		27
0.83420	1.2819	2.4328	1.3269	8.2607	7.5280	10.1678	–	69.1580		28
0.83600	1.2799	2.4201	1.3189	8.1461	7.5375	10.0181	–	68.3790		29
0.83530	1.2723	2.4159	1.3215	8.1588	7.5370	10.0510	–	68.7130		30
0.83514	1.2662	2.4178	1.3195	8.1529	7.5343	10.0473	–	68.9500	2012 Jan	2
0.83510	1.2595	2.4069	1.3170	8.1941	7.5360	10.1102	–	69.1300		3
0.83110	1.2552	2.3706	1.3153	8.1528	7.5489	10.0585	–	68.5330		4
0.82675	1.2491	2.3551	1.3039	8.0980	7.5330	9.9647	–	67.9130		5
0.82640	1.2472	2.3523	1.3051	8.0689	7.5350	9.9209	–	67.3610		6
0.82400	1.2468	2.3477	1.3086	8.0371	7.5335	9.8832	–	66.8250		9
0.82820	1.2379	2.3030	1.3021	8.0858	7.5325	9.9471	–	66.3390		10
0.82590	1.2361	2.2937	1.2928	8.0304	7.5390	9.8792	–	65.9620		11
0.83055	1.2303	2.2795	1.2946	8.0467	7.5450	9.8933	–	65.6160		12
0.83320	1.2364	2.2740	1.3019	8.0648	7.5480	9.9196	–	65.7040		13

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)								
		Indonesia	Israel	Japan	Korea, Republic of	Malaysia	Mexico	New Zealand	Norway	
		Indonesian rupiah IDR	New Israeli sheqel ILS	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN	New Zealand dollar NZD	Norwegian krone NOK	
2011	Oct 3	11,857.04	5.0021	102.39	1,574.50	4.2753	18.5179	1.7516	7.8260	
	4	11,732.79	4.9600	101.08	1,577.55	4.2196	18.4850	1.7573	7.8360	
	5	11,883.71	4.9821	102.25	1,585.87	4.2492	18.3168	1.7536	7.8105	
	6	11,839.07	4.9449	101.87	1,574.31	4.2156	18.0606	1.7313	7.8245	
	7	11,948.17	4.9834	103.02	1,587.72	4.2450	18.0541	1.7384	7.8000	
	10	12,124.42	4.9965	104.26	1,587.74	4.2489	18.0715	1.7415	7.8025	
	11	12,159.79	5.0345	104.26	1,593.88	4.2746	18.1467	1.7462	7.7810	
	12	12,260.14	5.0342	105.77	1,603.63	4.3038	18.2463	1.7373	7.7830	
	13	12,179.44	5.0273	105.48	1,591.54	4.3096	18.3118	1.7352	7.7570	
	14	12,229.36	5.0525	106.42	1,597.23	4.3195	18.4109	1.7317	7.7455	
	17	12,147.13	4.9967	106.43	1,577.85	4.2707	18.2857	1.7225	7.7320	
	18	12,061.31	4.9936	104.97	1,567.60	4.2854	18.5187	1.7360	7.7605	
	19	12,167.82	5.0289	106.19	1,566.48	4.2957	18.4878	1.7306	7.7350	
	20	12,181.59	5.0396	106.07	1,577.16	4.3130	18.5178	1.7310	7.7085	
	21	12,228.04	5.0267	105.82	1,584.02	4.3390	18.9171	1.7304	7.7060	
	24	12,261.46	5.0490	105.45	1,573.26	4.3432	18.8843	1.7219	7.6915	
	25	12,313.19	5.0670	105.98	1,568.10	4.3525	18.5666	1.7356	7.6855	
	26	12,359.71	5.0828	105.67	1,576.47	4.3766	18.7532	1.7479	7.6800	
	27	12,381.61	5.0873	106.39	1,558.65	4.3405	18.5408	1.7231	7.6560	
	28	12,448.30	5.0948	107.29	1,565.14	4.3419	18.5850	1.7321	7.6725	
	31	12,397.32	5.0465	109.22	1,552.97	4.3032	18.3833	1.7223	7.7015	
	Nov	1	12,121.45	5.0177	106.58	1,529.33	4.2525	18.6867	1.7152	7.7580
		2	12,331.89	5.0475	107.78	1,547.96	4.3250	18.6495	1.7387	7.7585
		3	12,351.18	5.0495	107.33	1,550.10	4.3171	18.3560	1.7325	7.7210
		4	12,328.18	5.0519	107.55	1,530.65	4.3018	18.4317	1.7401	7.7640
		7	12,312.98	5.0685	107.30	1,538.53	4.2909	18.5517	1.7280	7.7475
		8	12,306.11	5.0718	107.51	1,539.12	4.3068	18.4477	1.7351	7.7250
		9	12,145.70	5.0631	105.96	1,528.70	4.2620	18.4516	1.7341	7.7645
		10	12,213.11	5.0680	105.66	1,540.29	4.2911	18.4543	1.7455	7.7420
		11	12,235.32	5.0801	105.59	1,538.00	4.2969	18.4192	1.7536	7.7520
		14	12,245.16	5.0837	105.18	1,537.97	4.2848	18.4733	1.7448	7.7540
15		12,170.68	5.0510	104.16	1,527.99	4.2714	18.3765	1.7591	7.8000	
16		12,167.91	5.0246	103.77	1,529.61	4.2495	18.3301	1.7588	7.7930	
17		12,152.23	5.0320	103.76	1,527.79	4.2577	18.4609	1.7645	7.8205	
18		12,244.66	5.0525	104.06	1,546.23	4.2907	18.5448	1.7800	7.8200	
21		12,143.28	5.0300	103.44	1,539.58	4.2869	18.7268	1.7945	7.8405	
22		12,251.89	5.0497	104.15	1,548.68	4.2980	18.9490	1.8086	7.8250	
23		12,112.30	5.0417	103.37	1,546.52	4.2671	18.8355	1.8041	7.8185	
24		12,280.94	5.0481	103.07	1,541.46	4.2566	18.8252	1.7971	7.8310	
25		11,994.71	5.0254	102.59	1,541.34	4.2296	18.8841	1.7907	7.8360	
28		12,183.43	5.0700	103.82	1,539.49	4.2420	18.7413	1.7694	7.8355	
29		12,211.39	5.0500	103.82	1,523.71	4.2255	18.6147	1.7519	7.8495	
30		12,225.17	5.0697	104.00	1,530.29	4.2602	18.2109	1.7380	7.7530	
Dec		1	12,136.50	5.0487	104.84	1,518.01	4.2087	18.3008	1.7347	7.7830
		2	12,167.30	5.0327	105.25	1,526.66	4.2276	18.2410	1.7296	7.7660
		5	12,142.16	5.0112	104.81	1,515.69	4.2080	18.1214	1.7191	7.7260
		6	12,124.79	5.0101	104.15	1,513.76	4.1990	18.1040	1.7209	7.7160
		7	12,081.19	5.0103	103.99	1,512.52	4.1850	18.0790	1.7193	7.6935
		8	12,064.99	5.0112	103.72	1,518.60	4.2000	18.1169	1.7147	7.6840
		9	12,105.19	5.0340	103.95	1,533.70	4.2140	18.3191	1.7357	7.6770
		12	11,987.73	4.9888	103.12	1,523.48	4.1946	18.2660	1.7293	7.7015
	13	12,005.28	4.9834	102.60	1,519.49	4.1850	18.1647	1.7215	7.7110	
	14	11,953.84	4.9460	101.44	1,505.57	4.1419	18.0475	1.7254	7.7660	
	15	11,860.77	4.9442	101.30	1,505.81	4.1508	17.9662	1.7299	7.7675	
	16	11,805.04	4.9445	101.70	1,512.33	4.1485	18.0479	1.7106	7.7815	
	19	11,825.13	4.9450	101.52	1,530.04	4.1516	18.0773	1.7115	7.7475	
	20	11,878.68	4.9470	101.88	1,519.17	4.1569	18.0685	1.7139	7.7080	
	21	11,841.23	4.9313	101.66	1,502.28	4.1362	18.0666	1.6987	7.7520	
	22	11,820.58	4.9360	101.93	1,509.47	4.1261	17.9918	1.6888	7.7640	
	23	11,824.07	4.9362	101.93	1,502.81	4.1188	18.0402	1.6862	7.7820	
	27	12,029.60	4.9382	101.75	1,510.58	4.1474	18.1051	1.6886	7.7945	
	28	12,026.24	4.9649	101.51	1,511.19	4.1379	18.2846	1.6812	7.7990	
	29	11,861.52	4.9135	100.24	1,488.70	4.0981	18.0061	1.6815	7.7740	
	30	11,731.47	4.9453	100.20	1,498.69	4.1055	18.0512	1.6737	7.7540	
	2012	Jan 2	11,744.00	4.9343	99.52	1,494.27	4.1033	18.0210	1.6623	7.7540
		3	12,017.70	4.9681	99.86	1,496.00	4.0857	17.9613	1.6541	7.7350
		4	11,844.15	4.9964	99.43	1,490.61	4.0618	17.7921	1.6452	7.7005
		5	11,800.87	4.9413	98.67	1,482.77	4.0389	17.6040	1.6399	7.6825
		6	11,632.55	4.9060	98.56	1,483.11	4.0161	17.5457	1.6347	7.6745
		9	11,644.03	4.8895	97.87	1,477.28	4.0138	17.4915	1.6221	7.6570
		10	11,722.29	4.8997	98.39	1,478.49	4.0127	17.3805	1.6098	7.6555
		11	11,649.95	4.8917	97.87	1,476.82	3.9935	17.3728	1.6016	7.6505
		12	11,681.89	4.8874	97.92	1,470.72	3.9991	17.2985	1.5985	7.6770
13		11,700.55	4.8930	98.06	1,466.53	4.0005	17.2983	1.6090	7.6930	

* See Explanatory notes, p 57.

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	
58.610	43.2470	1.7488	10.8153	1.2140	41.594	2.4885	1.3327	2011 Oct 3
58.063	43.3350	1.7358	10.9663	1.2169	41.125	2.5056	1.3181	4
58.499	43.5025	1.7389	10.8014	1.2265	41.585	2.4980	1.3337	5
58.072	43.1265	1.7325	10.6816	1.2316	41.279	2.4587	1.3269	6
58.458	43.3200	1.7390	10.7041	1.2365	41.538	2.4828	1.3434	7
58.948	43.1255	1.7399	10.6961	1.2326	41.962	2.4921	1.3593	10
59.111	42.9280	1.7485	10.8185	1.2380	42.100	2.5075	1.3607	11
59.782	42.8550	1.7583	10.7389	1.2367	42.399	2.5188	1.3766	12
59.552	42.9275	1.7560	10.8297	1.2335	42.320	2.5174	1.3727	13
59.807	42.7515	1.7529	10.8569	1.2388	42.484	2.5391	1.3807	14
59.465	42.4230	1.7458	10.8856	1.2365	42.182	2.5514	1.3776	17
59.256	42.8780	1.7423	11.0432	1.2348	42.095	2.5568	1.3676	18
59.678	42.8700	1.7436	11.0459	1.2428	42.438	2.5637	1.3828	19
59.852	43.1730	1.7499	11.1584	1.2362	42.760	2.5696	1.3807	20
59.959	43.0250	1.7577	11.2490	1.2307	42.760	2.5513	1.3798	21
59.993	42.7205	1.7589	11.1260	1.2280	42.787	2.5253	1.3856	24
60.063	42.4215	1.7565	10.9862	1.2253	42.923	2.4955	1.3918	25
60.158	42.5750	1.7658	11.0917	1.2193	42.895	2.4577	1.3927	26
60.146	42.3128	1.7555	10.9256	1.2213	42.872	2.4798	1.4038	27
60.423	42.2850	1.7588	10.9515	1.2211	43.245	2.4716	1.4160	28
59.749	42.1935	1.7490	10.9221	1.2191	42.899	2.4563	1.4001	31
58.289	42.1400	1.7402	11.1484	1.2174	42.162	2.4508	1.3627	Nov 1
59.097	42.1350	1.7587	11.0139	1.2166	42.504	2.4528	1.3809	2
59.421	42.1525	1.7464	10.8292	1.2156	42.311	2.4230	1.3773	3
59.064	42.1120	1.7460	10.8341	1.2217	42.228	2.4225	1.3773	4
58.924	42.0789	1.7461	10.9430	1.2342	42.174	2.4477	1.3742	7
59.435	41.6468	1.7523	10.8856	1.2382	42.315	2.4494	1.3788	8
58.797	41.5620	1.7512	10.8870	1.2322	41.881	2.4428	1.3633	9
58.989	41.5000	1.7546	10.9409	1.2315	41.937	2.4303	1.3616	10
59.107	41.5728	1.7604	10.8444	1.2360	42.056	2.4283	1.3650	11
59.100	41.6522	1.7594	10.8853	1.2368	42.056	2.4336	1.3659	14
58.909	41.5550	1.7487	11.0087	1.2405	41.746	2.4299	1.3532	15
58.575	41.4950	1.7442	11.0015	1.2384	41.571	2.4335	1.3484	16
58.579	41.5989	1.7453	11.0981	1.2387	41.653	2.4465	1.3480	17
58.927	41.8304	1.7579	11.0814	1.2378	42.072	2.4686	1.3576	18
58.407	41.8596	1.7526	11.1652	1.2375	41.989	2.4812	1.3458	21
58.611	41.9475	1.7601	11.3785	1.2350	42.216	2.5043	1.3535	22
58.336	41.9465	1.7490	11.3452	1.2305	41.955	2.4997	1.3387	23
58.346	41.9912	1.7474	11.2962	1.2268	41.817	2.4911	1.3373	24
58.289	41.8960	1.7363	11.3565	1.2253	41.552	2.4946	1.3229	25
58.392	41.7500	1.7338	11.1555	1.2309	41.806	2.4817	1.3348	28
58.174	41.8100	1.7306	11.1472	1.2282	41.715	2.4692	1.3336	29
58.568	41.5475	1.7261	10.9570	1.2265	41.596	2.4622	1.3418	30
58.391	41.4650	1.7312	10.9350	1.2264	41.636	2.4718	1.3492	Dec 1
58.293	41.4960	1.7302	10.8346	1.2343	41.600	2.4567	1.3511	2
58.158	41.5400	1.7229	10.7501	1.2379	41.401	2.4585	1.3442	5
58.111	41.8780	1.7223	10.7993	1.2388	41.294	2.4618	1.3394	6
57.977	41.8150	1.7211	10.8165	1.2413	41.255	2.4529	1.3377	7
58.083	42.0400	1.7260	10.8374	1.2373	41.236	2.4566	1.3410	8
58.318	42.2020	1.7356	10.9853	1.2332	41.423	2.4700	1.3384	9
57.842	41.8289	1.7193	10.9105	1.2349	41.277	2.4687	1.3251	12
57.795	41.7115	1.7158	10.8795	1.2345	41.138	2.4641	1.3181	13
57.435	41.3100	1.6975	10.8569	1.2317	40.642	2.4467	1.2993	14
57.398	41.4665	1.6995	10.9102	1.2261	40.797	2.4455	1.3019	15
57.234	41.5810	1.7004	10.9181	1.2249	40.903	2.4520	1.3064	16
57.273	41.7629	1.7013	10.9374	1.2190	40.786	2.4690	1.3039	19
57.256	41.9600	1.7033	10.8132	1.2192	40.922	2.4760	1.3074	20
56.977	41.4525	1.6927	10.6929	1.2190	40.820	2.4594	1.3054	21
56.989	41.0980	1.6884	10.6521	1.2232	40.785	2.4650	1.3047	22
56.794	40.7700	1.6885	10.6581	1.2221	40.881	2.4765	1.3057	23
57.202	40.8770	1.6941	10.6617	1.2210	41.089	2.4831	1.3069	27
57.484	41.3855	1.6936	10.5999	1.2196	41.235	2.4840	1.3074	28
56.511	41.5360	1.6805	10.5089	1.2186	40.961	2.4650	1.2889	29
56.754	41.7650	1.6819	10.4830	1.2156	40.991	2.4432	1.2939	30
56.703	41.6448	1.6781	10.4599	1.2155	40.758	2.4376	1.2935	2012 Jan 2
56.914	41.3199	1.6737	10.4925	1.2183	40.916	2.4505	1.3014	3
56.766	41.2160	1.6698	10.5259	1.2196	40.825	2.4275	1.2948	4
56.579	41.0830	1.6562	10.5038	1.2187	40.588	2.4185	1.2832	5
56.364	40.8500	1.6528	10.4241	1.2177	40.474	2.3955	1.2776	6
56.257	40.6350	1.6512	10.3735	1.2139	40.450	2.3844	1.2728	9
56.335	40.3900	1.6506	10.3390	1.2136	40.512	2.3921	1.2808	10
55.881	40.3375	1.6441	10.3476	1.2120	40.469	2.3671	1.2718	11
56.076	40.2930	1.6441	10.2610	1.2112	40.500	2.3545	1.2736	12
55.904	40.5047	1.6468	10.2672	1.2100	40.573	2.3642	1.2771	13

II Euro reference exchange rates of the European Central Bank *

2 Monthly averages +

EUR 1 = CU ...

Period	EU member countries										Other European and non-	
	Bulgaria	Czech Republic	Denmark	Hungary	Latvia	Lithuania	Poland	Romania	Sweden	United Kingdom	Australia	Brazil
	Bulgarian lev BGN	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Latvian lats LVL	Lithuanian litas LTL	Polish zloty PLN	Romanian leu RON	Swedish krona SEK	Pound sterling GBP	Australian dollar AUD	Brazilian real BRL ¹
2007 Jan	1.9558	27.840	7.4539	253.88	0.6975	3.4528	3.8795	3.3922	9.0795	0.66341	1.6602	2.7824
Feb	1.9558	28.233	7.4541	253.30	0.7003	3.4528	3.8943	3.3823	9.1896	0.66800	1.6708	2.7371
Mar	1.9558	28.057	7.4494	249.86	0.7088	3.4528	3.8859	3.3692	9.2992	0.68021	1.6704	2.7671
Apr	1.9558	28.015	7.4530	246.00	0.7036	3.4528	3.8144	3.3338	9.2372	0.67934	1.6336	2.7474
May	1.9558	28.231	7.4519	248.42	0.6965	3.4528	3.7819	3.2836	9.2061	0.68136	1.6378	2.6805
June	1.9558	28.546	7.4452	250.29	0.6963	3.4528	3.8074	3.2243	9.3290	0.67562	1.5930	2.5934
July	1.9558	28.359	7.4410	246.90	0.6969	3.4528	3.7682	3.1345	9.1842	0.67440	1.5809	2.5803
Aug	1.9558	27.860	7.4429	255.20	0.6978	3.4528	3.8116	3.2246	9.3231	0.67766	1.6442	2.6735
Sep	1.9558	27.573	7.4506	253.33	0.7021	3.4528	3.7891	3.3481	9.2835	0.68887	1.6445	2.6455
Oct	1.9558	27.335	7.4534	251.02	0.7030	3.4528	3.7062	3.3537	9.1735	0.69614	1.5837	2.5653
Nov	1.9558	26.733	7.4543	254.50	0.7005	3.4528	3.6575	3.4739	9.2889	0.70896	1.6733	2.5920
Dec	1.9558	26.317	7.4599	253.18	0.6975	3.4528	3.6015	3.5351	9.4319	0.72064	1.6703	2.6050
2008 Jan	1.9558	26.050	7.4505	256.03	0.6982	3.4528	3.6092	3.6937	9.4314	0.74725	1.6694	2.6111
Feb	1.9558	25.377	7.4540	262.15	0.6967	3.4528	3.5768	3.6557	9.3642	0.75094	1.6156	2.5516
Mar	1.9558	25.208	7.4561	259.94	0.6970	3.4528	3.5363	3.7194	9.4020	0.77494	1.6763	2.6445
Apr	1.9558	25.064	7.4603	253.75	0.6974	3.4528	3.4421	3.6428	9.3699	0.79487	1.6933	2.6602
May	1.9558	25.100	7.4609	247.69	0.6987	3.4528	3.4038	3.6583	9.3106	0.79209	1.6382	2.5824
June	1.9558	24.316	7.4586	242.42	0.7032	3.4528	3.3736	3.6556	9.3739	0.79152	1.6343	2.5185
July	1.9558	23.528	7.4599	231.82	0.7035	3.4528	3.2591	3.5764	9.4566	0.79308	1.6386	2.5097
Aug	1.9558	24.287	7.4595	235.88	0.7039	3.4528	3.2920	3.5271	9.3984	0.79279	1.6961	2.4103
Sep	1.9558	24.497	7.4583	240.68	0.7060	3.4528	3.3747	3.6248	9.5637	0.79924	1.7543	2.5712
Oct	1.9558	24.768	7.4545	260.15	0.7093	3.4528	3.5767	3.7479	9.8506	0.78668	1.9345	2.9112
Nov	1.9558	25.193	7.4485	265.32	0.7092	3.4528	3.7326	3.7838	10.1275	0.83063	1.9381	2.8967
Dec	1.9558	26.120	7.4503	265.02	0.7084	3.4528	4.0044	3.9227	10.7538	0.90448	2.0105	3.2266
2009 Jan	1.9558	27.169	7.4519	279.86	0.7043	3.4528	4.2300	4.2354	10.7264	0.91819	1.9633	3.0596
Feb	1.9558	28.461	7.4514	298.30	0.7056	3.4528	4.6467	4.2864	10.9069	0.88691	1.9723	2.9685
Mar	1.9558	27.231	7.4509	304.14	0.7083	3.4528	4.6210	4.2828	11.1767	0.91966	1.9594	3.0198
Apr	1.9558	26.774	7.4491	295.26	0.7093	3.4528	4.4326	4.2041	10.8796	0.89756	1.8504	2.9197
May	1.9558	26.731	7.4468	281.93	0.7092	3.4528	4.4103	4.1700	10.5820	0.88445	1.7831	2.8232
June	1.9558	26.545	7.4457	280.46	0.7015	3.4528	4.5084	4.2131	10.8713	0.85670	1.7463	2.7391
July	1.9558	25.793	7.4458	272.06	0.7006	3.4528	4.2965	4.2184	10.8262	0.86092	1.7504	2.7221
Aug	1.9558	25.646	7.4440	270.05	0.7013	3.4528	4.1311	4.2183	10.2210	0.86265	1.7081	2.6314
Sep	1.9558	25.346	7.4428	271.84	0.7039	3.4528	4.1584	4.2420	10.1976	0.89135	1.6903	2.6520
Oct	1.9558	25.861	7.4438	268.49	0.7088	3.4528	4.2146	4.2871	10.3102	0.91557	1.6341	2.5771
Nov	1.9558	25.812	7.4415	270.92	0.7088	3.4528	4.1646	4.2896	10.3331	0.89892	1.6223	2.5777
Dec	1.9558	26.089	7.4419	273.22	0.7077	3.4528	4.1439	4.2284	10.4085	0.89972	1.6185	2.5566
2010 Jan	1.9558	26.133	7.4424	269.43	0.7088	3.4528	4.0703	4.1383	10.1939	0.88305	1.5624	2.5383
Feb	1.9558	25.979	7.4440	271.21	0.7090	3.4528	4.0144	4.1196	9.9505	0.87604	1.5434	2.5237
Mar	1.9558	25.541	7.4416	265.40	0.7083	3.4528	3.8906	4.0866	9.7277	0.90160	1.4882	2.4233
Apr	1.9558	25.308	7.4428	265.53	0.7076	3.4528	3.8782	4.1306	9.6617	0.87456	1.4463	2.3550
May	1.9558	25.663	7.4413	276.78	0.7075	3.4528	4.0567	4.1767	9.6641	0.85714	1.4436	2.2750
June	1.9558	25.780	7.4409	281.49	0.7082	3.4528	4.1055	4.2434	9.5723	0.82771	1.4315	2.2057
July	1.9558	25.328	7.4522	283.75	0.7090	3.4528	4.0814	4.2608	9.4954	0.83566	1.4586	2.2600
Aug	1.9558	24.806	7.4495	281.45	0.7085	3.4528	3.9899	4.2396	9.4216	0.82363	1.4337	2.2691
Sep	1.9558	24.651	7.4476	282.10	0.7091	3.4528	3.9548	4.2655	9.2241	0.83987	1.3943	2.2476
Oct	1.9558	24.531	7.4567	274.01	0.7094	3.4528	3.9496	4.2787	9.2794	0.87638	1.4164	2.3378
Nov	1.9558	24.633	7.4547	275.51	0.7094	3.4528	3.9520	4.2940	9.3166	0.85510	1.3813	2.3391
Dec	1.9558	25.174	7.4528	277.62	0.7096	3.4528	3.9962	4.2929	9.0559	0.84813	1.3304	2.2387
2011 Jan	1.9558	24.449	7.4518	275.33	0.7034	3.4528	3.8896	4.2624	8.9122	0.84712	1.3417	2.2371
Feb	1.9558	24.277	7.4555	271.15	0.7037	3.4528	3.9264	4.2457	8.7882	0.84635	1.3543	2.2765
Mar	1.9558	24.393	7.4574	270.89	0.7072	3.4528	4.0145	4.1621	8.8864	0.86653	1.3854	2.3220
Apr	1.9558	24.301	7.4574	265.29	0.7092	3.4528	3.9694	4.1004	8.9702	0.88291	1.3662	2.2889
May	1.9558	24.381	7.4566	266.96	0.7093	3.4528	3.9404	4.1142	8.9571	0.87788	1.3437	2.3131
June	1.9558	24.286	7.4579	266.87	0.7091	3.4528	3.9702	4.1937	9.1125	0.88745	1.3567	2.2850
July	1.9558	24.335	7.4560	267.68	0.7092	3.4528	3.9951	4.2413	9.1340	0.88476	1.3249	2.2329
Aug	1.9558	24.273	7.4498	272.37	0.7093	3.4528	4.1195	4.2505	9.1655	0.87668	1.3651	2.2888
Sep	1.9558	24.556	7.4462	285.05	0.7093	3.4528	4.3379	4.2838	9.1343	0.87172	1.3458	2.3946
Oct	1.9558	24.841	7.4442	296.79	0.7061	3.4528	4.3516	4.3244	9.1138	0.87036	1.3525	2.4336
Nov	1.9558	25.464	7.4412	309.15	0.7015	3.4528	4.4324	4.3560	9.1387	0.85740	1.3414	2.4210
Dec	1.9558	25.514	7.4341	304.19	0.6975	3.4528	4.4774	4.3282	9.0184	0.84405	1.3003	2.4175

* See Explanatory notes, p 57. + 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. **4** Up to December 2010, ECB indicative rates.

II Euro reference exchange rates of the European Central Bank *

European countries												Period
Canada	China	Croatia	Hong Kong	Iceland	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia		
Canadian dollar CAD	Chinese yuan renminbi CNY	Croatian kuna HRK	Hong Kong dollar HKD	Icelandic krona ISK 2	Indian rupee INR 3	Indonesian rupiah IDR	New Israeli sheqel ILS 4	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR		
1.5285	10.1238	7.3711	10.1390	91.02	57.5090	11,796.04	5.5010	156.56	1,217.83	4.5596	2007 Jan	
1.5309	10.1326	7.3612	10.2130	88.00	57.6025	11,855.46	5.5116	157.60	1,225.25	4.5706	Feb	
1.5472	10.2467	7.3641	10.3464	88.69	57.9914	12,144.32	5.5666	155.24	1,248.82	4.6212	Mar	
1.5334	10.4400	7.3967	10.5634	88.36	56.6413	12,290.98	5.5097	160.68	1,257.99	4.6449	Apr	
1.4796	10.3689	7.3258	10.5642	85.12	54.9493	11,927.80	5.4023	163.22	1,253.27	4.5962	May	
1.4293	10.2415	7.3313	10.4854	84.26	54.5950	12,056.30	5.6119	164.55	1,245.39	4.6237	June	
1.4417	10.3899	7.2947	10.7247	83.16	55.3319	12,441.28	5.8271	166.76	1,259.70	4.7184	July	
1.4420	10.3162	7.3161	10.6469	88.46	55.4819	12,765.65	5.7547	159.05	1,273.37	4.7457	Aug	
1.4273	10.4533	7.3134	10.8151	88.59	55.8997	12,927.37	5.6691	159.82	1,291.46	4.8249	Sep	
1.3891	10.6741	7.3284	11.0327	86.30	56.0591	12,945.80	5.7095	164.95	1,301.67	4.8005	Oct	
1.4163	10.8957	7.3365	11.4211	89.34	57.7965	13,608.92	5.7445	162.89	1,348.46	4.9279	Nov	
1.4620	10.7404	7.3178	11.3619	90.82	57.3607	13,620.45	5.6909	163.55	1,356.79	4.8576	Dec	
1.4862	10.6568	7.3155	11.4863	94.50	57.7981	13,839.19	5.5168	158.68	1,387.66	4.8090	2008 Jan	
1.4740	10.5682	7.2707	11.4996	98.06	58.5077	13,542.26	5.3210	157.97	1,392.57	4.7548	Feb	
1.5519	10.9833	7.2662	12.0832	112.08	62.3968	14,241.09	5.4478	156.59	1,523.14	4.9455	Mar	
1.5965	11.0237	7.2654	12.2728	116.65	62.9946	14,497.21	5.5462	161.56	1,555.98	4.9819	Apr	
1.5530	10.8462	7.2539	12.1341	117.46	65.5590	14,436.99	5.2550	162.31	1,613.18	5.0081	May	
1.5803	10.7287	7.2469	12.1425	123.28	66.5632	14,445.41	5.2276	166.26	1,604.95	5.0666	June	
1.5974	10.7809	7.2297	12.3004	123.61	67.5111	14,442.77	5.3231	168.45	1,604.58	5.1258	July	
1.5765	10.2609	7.1947	11.6932	122.07	64.3236	13,700.21	5.3246	163.63	1,566.23	4.9843	Aug	
1.5201	9.8252	7.1223	11.1905	131.33	65.4115	13,430.23	5.0807	153.20	1,630.26	4.9461	Sep	
1.5646	9.1071	7.1639	10.3368	274.64	64.5866	13,283.63	4.8854	133.52	1,759.07	4.6895	Oct	
1.5509	8.6950	7.1366	9.8687	242.95	62.1436	14,984.85	4.9569	123.28	1,783.12	4.5682	Nov	
1.6600	9.2205	7.2245	10.4240	290.00	65.1465	15,276.62	5.2033	122.51	1,850.06	4.7755	Dec	
1.6233	9.0496	7.3603	10.2687	-	64.5104	14,802.07	5.1793	119.73	1,801.97	4.7291	2009 Jan	
1.5940	8.7406	7.4309	9.9128	-	62.8849	15,233.33	5.2437	118.30	1,843.90	4.6466	Feb	
1.6470	8.9210	7.4430	10.1138	-	66.8026	15,477.84	5.4354	127.65	1,894.48	4.7949	Mar	
1.6188	9.0110	7.4172	10.2229	-	66.0471	14,552.65	5.5290	130.25	1,760.14	4.7562	Apr	
1.5712	9.3157	7.3515	10.5807	-	66.1762	14,137.45	5.5552	131.85	1,710.18	4.8057	May	
1.5761	9.5786	7.2954	10.8638	-	66.9191	14,315.40	5.5260	135.39	1,768.80	4.9305	June	
1.5824	9.6246	7.3307	10.9182	-	68.2333	14,241.51	5.4784	133.09	1,778.43	4.9963	July	
1.5522	9.7485	7.3287	11.0587	-	68.9570	14,270.78	5.4694	135.31	1,768.99	5.0185	Aug	
1.5752	9.9431	7.3102	11.2858	-	70.4154	14,346.84	5.4813	133.14	1,768.58	5.0862	Sep	
1.5619	10.1152	7.2419	11.4828	-	69.2160	14,057.25	5.5194	133.91	1,739.94	5.0425	Oct	
1.5805	10.1827	7.2952	11.5588	-	69.4421	14,115.45	5.6352	132.97	1,735.17	5.0553	Nov	
1.5397	9.9777	7.2907	11.3296	-	68.0924	13,830.84	5.5373	131.21	1,703.03	4.9859	Dec	
1.4879	9.7436	7.2938	11.0783	-	65.5361	13,263.60	5.2964	130.34	1,624.76	4.8170	2010 Jan	
1.4454	9.3462	7.3029	10.6305	-	63.4291	12,786.05	5.1258	123.46	1,582.70	4.6743	Feb	
1.3889	9.2623	7.2616	10.5313	-	61.7352	12,434.53	5.0772	123.03	1,542.59	4.5083	Mar	
1.3467	9.1505	7.2594	10.4065	-	59.6203	12,101.70	4.9773	125.33	1,494.53	4.2935	Apr	
1.3060	8.5794	7.2630	9.7843	-	57.6166	11,517.01	4.7640	115.83	1,465.81	4.0874	May	
1.2674	8.3245	7.2225	9.5091	-	56.8582	11,169.39	4.7048	110.99	1,483.22	3.9853	June	
1.3322	8.6538	7.2198	9.9308	-	59.8100	11,546.78	4.9236	111.73	1,538.85	4.0924	July	
1.3411	8.7520	7.2525	10.0193	-	60.0584	11,573.26	4.8906	110.04	1,522.39	4.0654	Aug	
1.3515	8.8104	7.2874	10.1470	-	60.0771	11,716.16	4.8792	110.26	1,517.10	4.0570	Sep	
1.4152	9.2665	7.3277	10.7835	-	61.7399	12,407.16	5.0192	113.67	1,560.30	4.3092	Oct	
1.3831	9.0895	7.3830	10.5941	-	61.4539	12,224.00	4.9770	112.69	1,544.16	4.2588	Nov	
1.3327	8.7873	7.3913	10.2776	-	59.6472	11,925.21	4.7618	110.11	1,513.74	4.1313	Dec	
1.3277	8.8154	7.4008	10.3945	-	60.7161	12,077.47	4.7909	110.38	1,495.50	4.0895	2011 Jan	
1.3484	8.9842	7.4149	10.6312	-	62.0142	12,165.92	4.9939	112.77	1,524.99	4.1541	Feb	
1.3672	9.1902	7.3915	10.9093	-	62.9526	12,263.18	4.9867	114.40	1,568.05	4.2483	Mar	
1.3834	9.4274	7.3639	11.2269	-	64.1128	12,493.48	4.9573	120.42	1,567.52	4.3502	Apr	
1.3885	9.3198	7.4052	11.1551	-	64.4735	12,290.33	4.9740	116.47	1,555.99	4.3272	May	
1.4063	9.3161	7.4065	11.2021	-	64.5200	12,327.02	4.9169	115.75	1,555.32	4.3585	June	
1.3638	9.2121	7.4316	11.1104	-	63.3537	12,171.27	4.8801	113.26	1,510.29	4.2716	July	
1.4071	9.1857	7.4620	11.1846	-	65.0717	12,249.95	5.0841	110.43	1,542.01	4.2822	Aug	
1.3794	8.7994	7.4936	10.7333	-	65.5964	12,118.49	5.0788	105.75	1,544.04	4.2456	Sep	
1.3981	8.7308	7.4849	10.6616	-	67.5519	12,150.54	5.0253	105.06	1,578.17	4.2963	Oct	
1.3897	8.6154	7.4923	10.5495	-	68.8330	12,214.99	5.0521	105.02	1,537.42	4.2756	Nov	
1.3481	8.3563	7.5136	10.2496	-	69.2066	11,965.40	4.9725	102.55	1,513.26	4.1639	Dec	

II Euro reference exchange rates of the European Central Bank *

2 Monthly averages + (cont'd)

EUR 1 = CU ...

Other European and non-European countries (cont'd)											
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
2007 Jan	14.2315	1.8699	8.2780	63.552	34.4578	1.9983	9.3440	1.6155	45.850	1.8536	1.2999
Feb	14.3697	1.8859	8.0876	63.167	34.4060	2.0049	9.3797	1.6212	44.434	1.8260	1.3074
Mar	14.7187	1.8952	8.1340	64.069	34.5680	2.0186	9.7417	1.6124	43.320	1.8659	1.3242
Apr	14.8496	1.8394	8.1194	64.421	34.9054	2.0476	9.6089	1.6375	44.010	1.8362	1.3516
May	14.6202	1.8441	8.1394	63.136	34.8999	2.0581	9.4855	1.6506	44.507	1.8029	1.3511
June	14.5434	1.7738	8.0590	61.968	34.7739	2.0619	9.6198	1.6543	43.492	1.7728	1.3419
July	14.8200	1.7446	7.9380	62.418	35.0292	2.0789	9.5712	1.6567	41.870	1.7574	1.3716
Aug	15.0491	1.8786	7.9735	62.862	34.9211	2.0744	9.8391	1.6383	43.337	1.7921	1.3622
Sep	15.3293	1.9358	7.8306	63.911	35.1723	2.1009	9.8912	1.6475	44.570	1.7536	1.3896
Oct	15.4044	1.8739	7.6963	62.894	35.4008	2.0849	9.6371	1.6706	44.898	1.7089	1.4227
Nov	15.9776	1.9231	7.9519	63.271	35.9174	2.1242	9.8553	1.6485	46.120	1.7498	1.4684
Dec	15.8096	1.8930	8.0117	60.556	35.7927	2.1108	9.9626	1.6592	44.153	1.7195	1.4570
2008 Jan	16.0639	1.9054	7.9566	60.079	36.0300	2.1062	10.3101	1.6203	44.758	1.7322	1.4718
Feb	15.8786	1.8513	7.9480	59.845	36.1357	2.0808	11.2899	1.6080	46.085	1.7632	1.4748
Mar	16.6678	1.9344	7.9717	64.031	36.8259	2.1489	12.3712	1.5720	48.848	1.9309	1.5527
Apr	16.5608	1.9960	7.9629	65.790	37.0494	2.1493	12.2729	1.5964	49.752	2.0500	1.5751
May	16.2402	2.0011	7.8648	66.895	36.9042	2.1259	11.8696	1.6247	49.942	1.9408	1.5557
June	16.0617	2.0424	7.9915	68.903	36.7723	2.1278	12.3467	1.6139	51.649	1.9206	1.5553
July	16.1119	2.0900	8.0487	70.694	36.8261	2.1438	12.0328	1.6193	52.821	1.9128	1.5770
Aug	15.1269	2.1097	7.9723	67.307	36.2502	2.1024	11.4680	1.6212	50.697	1.7669	1.4975
Sep	15.2805	2.1293	8.1566	67.113	36.3727	2.0549	11.5899	1.5942	49.264	1.7843	1.4370
Oct	16.8177	2.1891	8.5928	63.882	35.2144	1.9666	12.9341	1.5194	45.872	1.9612	1.3322
Nov	16.6735	2.2554	8.8094	62.496	34.7964	1.9183	12.8785	1.5162	44.677	2.0342	1.2732
Dec	18.0764	2.4119	9.4228	64.595	37.8999	1.9888	13.4275	1.5393	47.107	2.0894	1.3449
2009 Jan	18.3762	2.4132	9.2164	62.354	42.3282	1.9742	13.1255	1.4935	46.218	2.1233	1.3239
Feb	18.6536	2.4851	8.7838	60.832	45.8079	1.9411	12.8005	1.4904	45.156	2.1280	1.2785
Mar	19.1278	2.4527	8.8388	63.105	45.1451	1.9949	12.9870	1.5083	46.667	2.2340	1.3050
Apr	17.7645	2.3123	8.7867	63.462	44.2135	1.9823	11.8784	1.5147	46.741	2.1277	1.3190
May	17.9969	2.2663	8.7943	64.600	43.5678	1.9939	11.4475	1.5118	47.241	2.1251	1.3650
June	18.6813	2.1967	8.9388	67.036	43.5553	2.0357	11.2718	1.5148	47.844	2.1675	1.4016
July	18.8143	2.1873	8.9494	67.724	44.3881	2.0421	11.2007	1.5202	47.969	2.1378	1.4088
Aug	18.5571	2.1097	8.6602	68.803	45.1972	2.0577	11.3415	1.5236	48.543	2.1236	1.4268
Sep	19.5255	2.0691	8.5964	69.967	44.7624	2.0720	10.9495	1.5148	49.239	2.1711	1.4562
Oct	19.5856	2.0065	8.3596	69.419	43.6188	2.0714	11.0938	1.5138	49.504	2.1823	1.4816
Nov	19.5478	2.0450	8.4143	70.165	43.1835	2.0711	11.2134	1.5105	49.634	2.2262	1.4914
Dec	18.7787	2.0383	8.4066	67.706	43.9019	2.0392	10.9261	1.5021	48.544	2.2013	1.4614
2010 Jan	18.2820	1.9646	8.1817	65.702	42.5749	1.9930	10.6492	1.4765	47.150	2.1028	1.4272
Feb	17.7154	1.9615	8.0971	63.317	41.2845	1.9326	10.4964	1.4671	45.360	2.0756	1.3686
Mar	17.0587	1.9301	8.0369	61.999	40.1219	1.8990	10.0589	1.4482	44.111	2.0821	1.3569
Apr	16.3957	1.8814	7.9323	59.788	39.1335	1.8505	9.8658	1.4337	43.279	1.9983	1.3406
May	15.9856	1.8010	7.8907	57.315	38.2707	1.7503	9.6117	1.4181	40.714	1.9459	1.2565
June	15.5346	1.7667	7.9062	56.594	38.1507	1.7081	9.3398	1.3767	39.635	1.9274	1.2209
July	16.3699	1.7925	8.0201	59.072	39.1317	1.7588	9.6351	1.3460	41.273	1.9669	1.2770
Aug	16.4571	1.8059	7.9325	58.245	39.1898	1.7482	9.4192	1.3413	40.937	1.9484	1.2894
Sep	16.7361	1.7955	7.9156	57.772	40.2564	1.7439	9.3236	1.3089	40.264	1.9528	1.3067
Oct	17.2845	1.8498	8.1110	60.285	42.1471	1.8116	9.6165	1.3452	41.636	1.9800	1.3898
Nov	16.8386	1.7703	8.1463	59.485	42.3360	1.7739	9.5320	1.3442	40.826	1.9717	1.3661
Dec	16.3797	1.7587	7.9020	58.050	40.7385	1.7262	9.0143	1.2811	39.805	2.0159	1.3220
2011 Jan	16.1926	1.7435	7.8199	59.089	40.2557	1.7193	9.2652	1.2779	40.827	2.0919	1.3360
Feb	16.4727	1.7925	7.8206	59.558	39.9469	1.7421	9.8126	1.2974	41.918	2.1702	1.3649
Mar	16.8063	1.8877	7.8295	60.870	39.8061	1.7757	9.6862	1.2867	42.506	2.2108	1.3999
Apr	16.9211	1.8331	7.8065	62.361	40.5363	1.8024	9.7200	1.2977	43.434	2.1975	1.4442
May	16.7177	1.8024	7.8384	61.953	40.0573	1.7763	9.8461	1.2537	43.398	2.2603	1.4349
June	16.9931	1.7666	7.8302	62.468	40.2670	1.7763	9.7807	1.2092	43.923	2.3077	1.4388
July	16.6491	1.6877	7.7829	60.961	39.8343	1.7359	9.7000	1.1766	42.949	2.3654	1.4264
Aug	17.5456	1.7108	7.7882	60.836	41.2954	1.7340	10.1532	1.1203	42.875	2.5147	1.4343
Sep	17.9370	1.6932	7.7243	59.322	42.3239	1.7229	10.3956	1.2005	41.902	2.4736	1.3770
Oct	18.4315	1.7361	7.7474	59.412	42.8569	1.7493	10.9188	1.2295	42.297	2.5089	1.3706
Nov	18.5646	1.7584	7.7868	58.743	41.8082	1.7476	11.0547	1.2307	41.969	2.4565	1.3556
Dec	18.1174	1.7102	7.7451	57.537	41.5686	1.7070	10.7829	1.2276	41.099	2.4632	1.3179

* See Explanatory notes, p 57. + 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 rates and annual averages

EUR 1 = CU ...

EU member countries										
Period	Bulgaria	Cyprus	Czech Republic	Denmark	Estonia	Greece	Hungary	Latvia	Lithuania	Malta
	Bulgarian lev BGN 1	Cyprus pound CYP 2	Czech koruna CZK	Danish krone DKK	Estonian kroon EEK 2	Greek drachma GRD 2	Hungarian forint HUF	Latvian lats LVL 1	Lithuanian litas LTL 1	Maltese lira MTL 1 2
End of year										
1999	.	0.57667	36.103	7.4433	15.6466	330.30	254.70	0.5881	4.0169	0.4151
2000	1.9543	0.57369	35.047	7.4631	15.6466	340.75	265.00	0.5764	3.7229	0.4075
2001	1.9463	0.57504	31.962	7.4365	15.6466	–	245.18	0.5563	3.5228	0.3994
2002	1.9546	0.57316	31.577	7.4288	15.6466	–	236.29	0.6140	3.4525	0.4182
2003	1.9557	0.58637	32.410	7.4450	15.6466	–	262.50	0.6725	3.4524	0.4317
2004	1.9559	0.58000	30.464	7.4388	15.6466	–	245.97	0.6979	3.4528	0.4343
2005	1.9563	0.57350	29.000	7.4605	15.6466	–	252.87	0.6962	3.4528	0.4293
2006	1.9558	0.57820	27.485	7.4560	15.6466	–	251.77	0.6972	3.4528	0.4293
2007	1.9558	0.585274	26.628	7.4583	15.6466	–	253.73	0.6964	3.4528	0.4293
2008	1.9558	–	26.875	7.4506	15.6466	–	266.70	0.7083	3.4528	–
2009	1.9558	–	26.473	7.4418	15.6466	–	270.42	0.7093	3.4528	–
2010	1.9558	–	25.061	7.4535	15.6466	–	277.95	0.7094	3.4528	–
2011	1.9558	–	25.787	7.4342	–	–	314.58	0.6995	3.4528	–
Annual averages +										
1999	.	0.57884	36.884	7.4355	15.6466	325.76	252.77	0.6256	4.2641	0.4258
2000	3 1.9477	0.57392	35.599	7.4538	15.6466	336.63	260.04	0.5592	3.6952	0.4041
2001	1.9482	0.57589	34.068	7.4521	15.6466	–	256.59	0.5601	3.5823	0.4030
2002	1.9492	0.57530	30.804	7.4305	15.6466	–	242.96	0.5810	3.4594	0.4089
2003	1.9490	0.58409	31.846	7.4307	15.6466	–	253.62	0.6407	3.4527	0.4261
2004	1.9533	0.58185	31.891	7.4399	15.6466	–	251.66	0.6652	3.4529	0.4280
2005	1.9558	0.57683	29.782	7.4518	15.6466	–	248.05	0.6962	3.4528	0.4299
2006	1.9558	0.57578	28.342	7.4591	15.6466	–	264.26	0.6962	3.4528	0.4293
2007	1.9558	0.58263	27.766	7.4506	15.6466	–	251.35	0.7001	3.4528	0.4293
2008	1.9558	–	24.946	7.4560	15.6466	–	251.51	0.7027	3.4528	–
2009	1.9558	–	26.435	7.4462	15.6466	–	280.33	0.7057	3.4528	–
2010	1.9558	–	25.284	7.4473	15.6466	–	275.48	0.7087	3.4528	–
2011	1.9558	–	24.590	7.4506	–	–	279.37	0.7063	3.4528	–
EU member countries (cont'd)										
EU member countries (cont'd)						Other European and non-European countries				
Poland	Romania	Slovakia	Slovenia	Sweden	United Kingdom	Australia	Brazil	Canada	China	
Polish zloty PLN	Romanian Leu (old)/(new) ROL/RON 1 4	Slovak koruna SKK 1 2	Slovenian tolar SIT 2	Swedish krona SEK	Pound sterling GBP	Australian dollar AUD	Brazilian real BRL 5	Canadian dollar CAD	Chinese yuan renminbi CNY 6	
End of year										
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	1.3965	7.7017	
2001	3.4953	27,817	42.780	218.8364	9.3012	0.60850	1.7280	1.4077	7.2945	
2002	4.0210	35,135	41.503	230.1577	9.1528	0.65050	1.8556	1.6550	8.6801	
2003	4.7019	41,158	41.170	236.7000	9.0800	0.70480	1.6802	1.6234	10.4539	
2004	4.0845	39,390	38.745	239.7600	9.0206	0.70505	1.7459	1.6416	11.2741	
2005	3.8600	4 3.6802	37.880	239.5000	9.3885	0.68530	1.6109	1.3725	9.5204	
2006	3.8310	3.3835	34.435	239.6400	9.0404	0.67150	1.6691	1.5281	10.2793	
2007	3.5935	3.6077	33.583	–	9.4415	0.73335	1.6757	1.4449	10.7524	
2008	4.1535	4.0225	30.126	–	10.8700	0.95250	2.0274	1.6998	9.4956	
2009	4.1045	4.2363	–	–	10.2520	0.88810	1.6008	1.5113	9.8350	
2010	3.9750	4.2620	–	–	8.9655	0.86075	1.3136	1.3322	8.8220	
2011	4.4580	4.3233	–	–	8.9120	0.83530	1.2723	1.3215	8.1588	
Annual averages +										
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	1.3706	7 7.6168	
2001	3.6721	26,004	43.300	217.9797	9.2551	0.62187	1.7319	1.3864	7.4131	
2002	3.8574	31,270	42.694	225.9772	9.1611	0.62883	1.7376	1.4838	7.8265	
2003	4.3996	37,551	41.489	233.8493	9.1242	0.69199	1.7379	1.5817	9.3626	
2004	4.5268	40,510	40.022	239.0874	9.1243	0.67866	1.6905	1.6167	10.2967	
2005	4.0230	4 3.6209	38.599	239.5681	9.2822	0.68380	1.6320	1.5087	10.1955	
2006	3.8959	3.5258	37.234	239.5961	9.2544	0.68173	1.6668	1.4237	10.0096	
2007	3.7837	3.3353	33.775	–	9.2501	0.68434	1.6348	1.4678	10.4178	
2008	3.5121	3.6826	31.262	–	9.6152	0.79628	1.7416	1.5594	10.2236	
2009	4.3276	4.2399	–	–	10.6191	0.89094	1.7727	1.5850	9.5277	
2010	3.9947	4.2122	–	–	9.5373	0.85784	1.4423	1.3651	8.9712	
2011	4.1206	4.2391	–	–	9.0298	0.86788	1.3484	1.3761	8.9960	

* See Explanatory notes, p 57. + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. 1 Up to September 2000, ECB indicative rates. 2 Accession to the euro area, see p 7 (Table I 1). 3 Average from 19 July to 29 December 2000. 4 Currency conversion effective from 1 July 2005:

ROL 10,000 = RON 1; to calculate the annual average for 2005, the rates set in (old) Romanian lei were converted at a rate of 10,000:1 and included in the calculation. 5 Up to December 2007, ECB indicative rates. 6 Up to March 2005, ECB indicative rates. 7 Average from 13 January to 29 December 2000.

II Euro reference exchange rates of the European Central Bank *

3 End-of-year rates and annual averages (cont'd)

EUR 1 = CU ...

Other European and non-European countries (cont'd)										
Period	Croatia Croatian kuna HRK ¹	Hong Kong Hong Kong dollar HKD ²	Iceland Icelandic krona ISK ^{2 3}	India Indian rupee INR ⁴	Indonesia Indonesian rupiah IDR ¹	Israel New Israeli sheqel ILS ⁵	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW ²	Malaysia Malaysian ringgit MYR ¹	Mexico Mexican peso MXN ⁶
End of year										
1999	.	7.8033	72.83	.	7,052.77	.	102.73	1,137.28	3.8148	9.5320
2000	7.5800	7.2578	78.80	43.4290	9,077.75	3.7620	106.92	1,177.08	3.5380	8.9255
2001	7.3490	6.8723	91.48	42.4950	9,227.43	3.8746	115.33	1,161.55	3.3475	8.0466
2002	7.4750	8.1781	84.74	50.2930	9,387.21	4.9708	124.39	1,243.76	3.9857	10.9605
2003	7.6451	9.8049	89.46	57.5780	10,643.10	5.5424	135.05	1,506.32	4.8019	14.1807
2004	7.6650	10.5881	83.60	59.2590	12,653.91	5.8922	139.65	1,410.05	5.1802	15.2235
2005	7.3715	9.1474	74.57	53.1130	11,596.45	5.4334	138.90	1,184.42	4.4584	12.5945
2006	7.3504	10.2409	93.13	58.2180	11,844.44	5.5677	156.93	1,224.81	4.6490	14.2899
2007	7.3308	11.4800	91.90	57.8620	13,826.70	5.6539	164.93	1,377.96	4.8682	16.0732
2008	7.3555	10.7858	³ -	67.4370	15,239.12	5.2919	126.14	1,839.13	4.8048	19.2333
2009	7.3000	11.1709	-	67.0400	13,626.13	5.4524	133.16	1,666.97	4.9326	18.9223
2010	7.3830	10.3856	-	59.7580	12,002.14	4.7321	108.65	1,499.06	4.0950	16.5475
2011	7.5370	10.0510	-	68.7130	11,731.47	4.9453	100.20	1,498.69	4.1055	18.0512
Annual averages ⁺										
1999	.	8.2694	77.18	.	8,386.62	.	121.32	1,267.26	4.0498	10.1945
2000	⁷ 7.6410	7.1973	72.58	⁷ 41.3561	7,731.57	⁷ 3.7506	99.47	1,043.50	3.5101	8.7361
2001	7.4820	6.9855	87.42	42.2471	9,167.71	3.7672	108.68	1,154.83	3.4036	8.3710
2002	7.4130	7.3750	86.18	45.9248	8,785.12	4.4800	118.06	1,175.50	3.5933	9.1628
2003	7.5688	8.8079	86.65	52.6100	9,685.54	5.1340	130.97	1,346.90	4.2983	12.2144
2004	7.4967	9.6881	87.14	56.3008	11,127.34	5.5706	134.44	1,422.62	4.7273	14.0386
2005	7.4008	9.6768	78.23	54.8117	12,072.83	5.5807	136.85	1,273.61	4.7119	13.5643
2006	7.3247	9.7545	87.76	56.8435	11,512.37	5.5920	146.02	1,198.58	4.6044	13.6936
2007	7.3376	10.6912	87.63	56.4186	12,528.33	5.6278	161.25	1,272.99	4.7076	14.9743
2008	7.2239	11.4541	³ 143.83	63.6143	14,165.16	5.2561	152.45	1,606.09	4.8893	16.2911
2009	7.3400	10.8114	-	67.3611	14,443.74	5.4668	130.34	1,772.90	4.9079	18.7989
2010	7.2891	10.2994	-	60.5878	12,041.70	4.9457	116.24	1,531.82	4.2668	16.7373
2011	7.4390	10.8362	-	64.8859	12,206.51	4.9775	110.96	1,541.23	4.2558	17.2877

Other European and non-European countries (cont'd)										
Period	New Zealand New Zealand dollar NZD	Norway Norwegian krona NOK	Philippines Philippine peso PHP ¹	Russian Federation Russian rouble RUB ¹	Singapore Singapore dollar SGD ²	South Africa South African rand ZAR ²	Switzerland Swiss franc CHF	Thailand Thai baht THB ¹	Turkey Turkish lira / New Turkish lira TRL / TRY ^{2 8}	United States US dollar USD
End of year										
1999	1.9357	8.0765	40.407	27.6689	1.6718	6.1870	1.6051	37.598	544,641	1.0046
2000	2.1120	8.2335	46.562	26.6746	1.6126	7.0392	1.5232	40.291	624,267	0.9305
2001	2.1215	7.9515	45.437	26.8631	1.6306	10.4302	1.4829	38.945	1,269,500	0.8813
2002	1.9975	7.2756	56.318	33.5108	1.8199	9.0094	1.4524	45.237	1,738,000	1.0487
2003	1.9244	8.4141	70.171	36.9555	2.1450	8.3276	1.5579	50.041	1,771,638	1.2630
2004	1.8871	8.2365	76.510	37.7879	2.2262	7.6897	1.5429	53.042	1,836,200	1.3621
2005	1.7270	7.9850	62.719	33.9200	1.9628	7.4642	1.5551	48.437	⁸ 1,5924	1.1797
2006	1.8725	8.2380	64.546	34.6800	2.0202	9.2124	1.6069	46.770	1,8640	1.3170
2007	1.9024	7.9580	60.724	35.9860	2.1163	10.0298	1.6547	43.800	1,7170	1.4721
2008	2.4191	9.7500	65.930	41.2830	2.0040	13.0667	1.4850	48.285	2,1488	1.3917
2009	1.9803	8.3000	66.507	43.1540	2.0194	10.6660	1.4836	47.986	2,1547	1.4406
2010	1.7200	7.8000	58.300	40.8200	1.7136	8.8625	1.2504	40.170	2,0694	1.3362
2011	1.6737	7.7540	56.754	41.7650	1.6819	10.4830	1.2156	40.991	2,4432	1.2939
Annual averages ⁺										
1999	2.0145	8.3104	41.675	26.5187	1.8064	6.5188	1.6003	40.335	447,238	1.0658
2000	2.0288	8.1129	40.737	26.0182	1.5923	6.3899	1.5579	37.032	574,816	0.9236
2001	2.1300	8.0484	45.660	26.1510	1.6039	7.6873	1.5105	39.841	1,102,425	0.8956
2002	2.0366	7.5086	48.837	29.7028	1.6912	9.9072	1.4670	40.637	1,439,680	0.9456
2003	1.9438	8.0033	61.336	34.6699	1.9703	8.5317	1.5212	46.923	1,694,851	1.1312
2004	1.8731	8.3697	69.727	35.8192	2.1016	8.0092	1.5438	50.077	1,777,052	1.2439
2005	1.7660	8.0092	68.494	35.1884	2.0702	7.9183	1.5483	50.068	⁸ 1,6771	1.2441
2006	1.9373	8.0472	64.379	34.1117	1.9941	8.5312	1.5729	47.594	1,8090	1.2556
2007	1.8627	8.0165	63.026	35.0183	2.0636	9.6596	1.6427	44.214	1,7865	1.3705
2008	2.0770	8.2237	65.172	36.4207	2.0762	12.0590	1.5874	48.475	1,9064	1.4708
2009	2.2121	8.7278	66.338	44.1376	2.0241	11.6737	1.5100	47.804	2,1631	1.3948
2010	1.8377	8.0043	59.739	40.2629	1.8055	9.6984	1.3803	42.014	1,9965	1.3257
2011	1.7600	7.7934	60.260	40.8846	1.7489	10.0970	1.2326	42.429	2,3378	1.3920

* See Explanatory notes, p 57. + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. ¹ Up to March 2005, ECB indicative rates. ² Up to September 2000, ECB indicative rates. ³ The ECB has not fixed a euro reference exchange rate for the Icelandic krona since 4 December 2008. ⁴ Up to December 2008, ECB indicative rates. ⁵ Up to December 2010, ECB indica-

tive rates. ⁶ Up to December 2007, ECB indicative rates. ⁷ Average from 13 January to 29 December 2000. 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 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				<i>Memo item</i> Indicators of the German economy's price competitiveness based on consumer price indices					
	EER-20		EER-40		24 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	96.2	96.0	96.5	95.8	98.2	100.1	95.8	98.0	97.7	
2000	86.9	86.5	87.9	85.8	92.8	99.0	85.7	91.9	90.9	
2001	87.6	87.2	90.4	87.1	92.9	98.1	86.8	91.4	90.8	
2002	90.0	90.3	94.8	90.7	93.5	96.9	89.6	91.9	91.8	
2003	100.6	101.5	106.8	101.6	97.0	95.7	99.2	96.5	96.7	
2004	104.4	105.3	111.4	105.2	98.4	95.4	102.9	98.0	98.2	
2005	102.9	103.8	109.4	102.7	98.4	95.2	103.3	96.9	96.5	
2006	102.8	103.8	109.4	102.0	98.5	94.8	104.2	96.4	95.8	
2007	106.4	106.8	113.0	104.3	100.8	95.1	109.8	97.9	97.1	
2008	110.4	109.9	117.9	107.1	102.4	94.5	115.2	98.4	97.6	
2009	111.7	110.6	120.6	108.0	102.0	94.5	114.2	98.5	97.9	
2010	104.6	103.0	112.3	99.3	98.9	94.0	106.4	94.5	92.9	
2011	104.4	p 102.2	112.9	p 98.9	p 98.4	p 93.7	p 105.7	p 93.8	p 92.4	
2007 Aug	105.8	106.0	112.6	103.8	100.5	95.1	109.0	97.5	96.7	
Sep	106.8	107.0	113.5	104.6	101.2	95.3	110.5	98.1	97.3	
Oct	107.9	108.0	114.4	105.2	101.6	95.1	111.9	98.4	97.5	
Nov	109.4	109.5	116.1	106.7	102.5	95.4	113.9	99.4	98.6	
Dec	109.5	109.4	116.0	106.3	102.4	95.0	114.1	99.0	98.1	
2008 Jan	110.1	110.0	116.6	106.8	102.4	94.8	114.7	99.0	98.0	
Feb	109.8	109.2	116.4	106.2	102.5	94.9	114.7	98.7	97.7	
Mar	112.5	112.2	119.8	109.4	103.4	94.8	117.3	99.9	99.2	
Apr	113.6	113.1	121.2	110.3	103.6	94.5	118.7	99.8	99.2	
May	113.1	112.7	120.4	109.6	103.6	94.6	118.5	99.7	98.9	
June	112.8	112.4	120.3	109.4	103.5	94.4	118.5	99.3	98.6	
July	113.0	112.4	120.5	109.4	103.9	94.5	119.3	99.3	98.6	
Aug	110.8	110.0	117.7	106.6	102.8	94.4	116.4	98.2	97.1	
Sep	109.1	108.2	116.3	105.2	101.9	94.5	113.9	97.4	96.5	
Oct	105.6	105.0	113.7	102.8	99.8	94.3	108.6	95.8	95.1	
Nov	104.8	104.3	112.9	102.0	99.8	94.5	108.2	95.6	94.9	
Dec	110.0	109.6	118.7	107.2	101.8	94.4	113.6	98.0	97.6	
2009 Jan	109.8	109.3	118.7	107.1	101.5	94.5	112.8	97.9	97.5	
Feb	108.7	108.1	117.8	106.2	100.7	94.6	110.3	97.7	97.3	
Mar	111.2	110.3	120.5	108.3	101.6	94.4	113.2	98.4	98.1	
Apr	110.3	109.5	119.1	107.1	101.6	94.4	113.1	98.0	97.4	
May	110.9	109.9	119.6	107.3	101.7	94.4	113.5	98.1	97.5	
June	112.0	111.0	120.8	108.4	102.1	94.6	114.3	98.8	98.2	
July	111.6	110.4	120.6	107.8	102.0	94.5	114.0	98.4	97.8	
Aug	111.6	110.5	120.7	108.0	102.1	94.6	114.3	98.5	97.9	
Sep	112.9	111.4	122.0	108.8	102.4	94.4	115.4	98.8	98.2	
Oct	114.2	112.7	123.0	109.6	102.9	94.4	116.9	99.4	98.7	
Nov	114.0	112.4	122.9	109.4	102.7	94.3	116.4	99.2	98.5	
Dec	113.0	111.2	121.7	108.1	102.5	94.4	115.6	98.9	98.0	
2010 Jan	110.8	109.0	119.2	105.6	101.5	94.3	113.1	97.6	96.5	
Feb	108.0	106.1	116.3	102.8	100.4	94.2	110.1	96.2	95.0	
Mar	107.4	105.8	115.2	102.2	100.4	94.2	110.1	95.9	94.5	
Apr	106.1	104.5	113.5	100.6	99.7	93.9	108.6	95.0	93.4	
May	102.8	101.4	109.9	97.5	98.3	94.0	104.8	93.7	91.8	
June	100.6	99.3	107.7	95.6	97.2	94.0	101.9	92.7	90.8	
July	102.5	101.0	109.9	97.5	97.8	94.0	103.5	93.5	91.8	
Aug	102.1	100.5	109.5	97.0	97.7	94.0	103.1	93.3	91.6	
Sep	102.5	100.8	110.0	97.2	97.8	93.9	103.6	93.3	91.6	
Oct	106.0	104.1	113.8	100.3	99.3	93.8	107.9	94.8	93.3	
Nov	104.7	102.7	112.5	99.0	98.9	94.0	106.5	94.3	92.7	
Dec	102.6	100.6	110.1	96.8	97.9	94.0	103.9	93.4	91.6	
2011 Jan	102.4	100.3	110.1	96.7	97.8	93.8	103.9	93.0	91.4	
Feb	103.4	101.1	111.4	97.6	98.3	93.9	105.0	93.5	91.9	
Mar	105.2	p 103.1	113.2	p 99.4	98.8	93.8	106.6	94.2	92.6	
Apr	107.0	p 104.9	115.0	p 101.1	99.8	93.8	109.2	95.1	93.5	
May	106.0	p 103.8	114.1	p 100.1	99.2	93.7	107.8	94.4	92.9	
June	106.1	p 104.0	114.4	p 100.3	99.2	93.6	108.0	94.5	93.0	
July	105.2	p 102.6	113.4	p 99.1	98.9	93.8	106.8	94.1	92.5	
Aug	104.9	p 102.3	113.8	p 99.4	98.5	93.7	105.8	93.9	92.6	
Sep	103.8	p 101.4	112.8	p 98.7	97.9	93.6	104.4	93.4	92.2	
Oct	104.0	p 101.7	113.3	p 99.1	98.0	93.6	104.8	p 93.5	p 92.5	
Nov	103.5	p 101.3	112.8	p 98.6	97.8	93.5	104.2	p 93.4	p 92.2	
Dec	101.7	p 99.4	110.9	p 96.9	p 97.0	p 93.5	p 102.3	p 92.5	p 91.3	

* See Explanatory notes, p 57. 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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Afghanistan							
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 46.7604	AFN 48.1100	AFN 48.2300	AFN 49.2600
		S	USD 1 =	AFN 46.8604	AFN 48.2100	AFN 48.3300	AFN 49.3600
	AFN	B	EUR 1 =	AFN 65.2609	AFN 67.2900	AFN 64.2700	AFN 63.7000
		S	EUR 1 =	AFN 65.5209	AFN 67.5500	AFN 64.5300	AFN 63.9600
Albania							
Tirana 070	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 100.91	ALL 101.24	ALL 105.23	ALL 107.54
		M	EUR 1 =	ALL 140.41	ALL 141.75	ALL 139.74	ALL 138.93
Algeria							
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 72.8318	DZD 73.0518	DZD 73.9687	DZD 76.0127
		S	USD 1 =	DZD 72.8468	DZD 73.0668	DZD 73.9837	DZD 76.0277
	DZD	B	EUR 1 =	DZD 102.3850	DZD 102.2287	DZD 99.9465	DZD 106.5739
		S	EUR 1 =	DZD 102.4227	DZD 102.2716	DZD 99.9742	DZD 106.6196
Angola							
Luanda 330	Kwanza = 100 cêntimos	B	USD 1 =	AOA 93.663	AOA 94.928	AOA 95.014	AOA 95.044
		S	USD 1 =	AOA 94.131	AOA 95.403	AOA 95.489	AOA 95.519
	AOA	B	EUR 1 =	AOA 130.985	AOA 134.731	AOA 127.214	AOA 122.854
		S	EUR 1 =	AOA 131.657	AOA 135.415	AOA 127.869	AOA 123.420
Antigua and Barbuda							
St John's 459	East Caribbean dollar = 100 cents	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.7420	XCD 3.7637	XCD 3.6070	XCD 3.4783
		V, S	EUR 1 =	XCD 3.7819	XCD 3.8039	XCD 3.6455	XCD 3.5154
Argentina							
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 4.0914	ARS 4.1960	ARS 4.2410	ARS 4.2640
		S	USD 1 =	ARS 4.1314	ARS 4.2360	ARS 4.2810	ARS 4.3040
	ARS	B	EUR 1 =	ARS 5.6929	ARS 5.8517	ARS 5.7012	ARS 5.5338
		S	EUR 1 =	ARS 5.7490	ARS 5.9079	ARS 5.7554	ARS 5.5862
Armenia							
Yerevan 077	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 372.62	AMD 379.59	AMD 381.80	AMD 385.77
		M	EUR 1 =	AMD 518.77	AMD 530.97	AMD 507.07	AMD 498.72
Aruba							
Oranjestad 474	Aruban florin = 100 cent	B	USD 1 =	AWG 1.78	AWG 1.78	AWG 1.78	AWG 1.78
		S	USD 1 =	AWG 1.80	AWG 1.80	AWG 1.80	AWG 1.80
	AWG	B	EUR 100 =	AWG 249.35	AWG 249.36	AWG 238.98	AWG 230.45
		S	EUR 100 =	AWG 251.86	AWG 251.87	AWG 241.38	AWG 232.77

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. 1 Explanatory notes on individual countries, see pp 61–63.

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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 1.0348	USD 1.0509	USD 1.0021	USD 1.0156
		M	AUD 1 =	EUR 0.7433	EUR 0.7511	EUR 0.7516	EUR 0.7847
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3920	USD 1.4001	USD 1.3418	USD 1.2939
Azerbaijan							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 0.7895	AZN 0.7869	AZN 0.7864	AZN 0.7865
		M	EUR 1 =	AZN 1.0995	AZN 1.1019	AZN 1.0486	AZN 1.0178
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 1.37601	BSD 1.37100	BSD 1.29890	BSD 1.29094
		S	EUR 1 =	BSD 1.42698	BSD 1.42980	BSD 1.35770	BSD 1.31060
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 0.5119272	BHD 0.5114131	BHD 0.4859700	BHD 0.4727683
		S	EUR 1 =	BHD 0.5435928	BHD 0.5430469	BHD 0.5160300	BHD 0.5020117
Bangladesh ¹							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 74.6219	BDT 75.3500	BDT 78.0500	BDT 81.4000
		S	USD 1 =	BDT 75.5926	BDT 76.3245	BDT 79.0245	BDT 82.3745
		B	EUR 1 =	BDT 102.8104	BDT 104.6994	BDT 103.4070	BDT 104.1848
		S	EUR 1 =	BDT 106.9388	BDT 107.7407	BDT 106.3808	BDT 107.1990
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 2.03414	BBD 2.02768	BBD 2.02768	BBD 2.02768
		B	EUR 1 =	BBD 2.78014	BBD 2.81810	BBD 2.65383	BBD 2.57657
		S	EUR 1 =	BBD 2.84170	BBD 2.87094	BBD 2.70358	BBD 2.62487
Belarus ¹							
Minsk 073	Belarusian rouble BYR	M	USD 1 =	BYR 5,067.00	BYR 8,500.00	BYR 8,600.00	BYR 8,350.00
		M	EUR 1 =	BYR 7,024.34	BYR 12,040.00	BYR 11,480.00	BYR 10,800.00

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. ¹ Explanatory notes on individual countries, see pp 61–63.

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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3920	USD 1.4001	USD 1.3418	USD 1.2939
Belize							
Belmopan 421	Belize dollar = 100 cents BZD	B	USD 1 =	BZD 1.9825	BZD 1.9825	BZD 1.9825	BZD 1.9825
		S	USD 1 =	BZD 2.0175	BZD 2.0175	BZD 2.0175	BZD 2.0175
		V, B	EUR 1 =	BZD 2.7596	BZD 2.7757	BZD 2.6601	BZD 2.5652
		V, S	EUR 1 =	BZD 2.8084	BZD 2.8247	BZD 2.7071	BZD 2.6104
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	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
		S	USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
		V, B	EUR 1 =	BMD 1.3864	BMD 1.3945	BMD 1.3364	BMD 1.2887
		V, S	EUR 1 =	BMD 1.3980	BMD 1.4061	BMD 1.3476	BMD 1.2995
Bhutan ¹							
Thimphu 675	Ngultrum = 100 chhetrum BTN	B	USD 1 =	BTN 46.85	BTN 48.67	BTN 51.96	BTN 53.20
		S	USD 1 =	BTN 47.18	BTN 49.01	BTN 52.33	BTN 53.57
		B	EUR 1 =	BTN 65.45	BTN 69.05	BTN 69.22	BTN 68.80
		S	EUR 1 =	BTN 65.90	BTN 69.53	BTN 69.69	BTN 69.27
Bolivia, Plurinational State of							
Sucre Seat of Government: La Paz 516	Boliviano = 100 centavos BOB	B	USD 1 =	BOB 6.89	BOB 6.87	BOB 6.86	BOB 6.86
		S	USD 1 =	BOB 6.99	BOB 6.97	BOB 6.96	BOB 6.96
		V, B	EUR 1 =	BOB 9.5847	BOB 9.6187	BOB 9.2047	BOB 8.8762
		V, S	EUR 1 =	BOB 9.7239	BOB 9.7587	BOB 9.3389	BOB 9.0055
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga BAM	B	USD 1 =	BAM 1.396814	BAM 1.377783	BAM 1.462913	BAM 1.507798
		S	USD 1 =	BAM 1.403815	BAM 1.384689	BAM 1.470245	BAM 1.515356
		B / S	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583
Botswana							
Gaborone 391	Pula = 100 thebe BWP	B	BWP 1 =	USD 0.1467	USD 0.1387	USD 0.1324	USD 0.1333
		S	BWP 1 =	USD 0.1464	USD 0.1384	USD 0.1320	USD 0.1330
		B	BWP 1 =	EUR 0.1048	EUR 0.0991	EUR 0.0996	EUR 0.1032
		S	BWP 1 =	EUR 0.1045	EUR 0.0988	EUR 0.0993	EUR 0.1030

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. ¹ Explanatory notes on individual countries, see pp 61–63. 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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Brazil							
Brasilia 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 1.6739	BRL 1.6878	BRL 1.8102	BRL 1.8751
		S	USD 1 =	BRL 1.6746	BRL 1.6885	BRL 1.8109	BRL 1.8758
	BRL	B	EUR 1 =	BRL 2.3258	BRL 2.3599	BRL 2.4403	BRL 2.4331
		S	EUR 1 =	BRL 2.3271	BRL 2.3610	BRL 2.4416	BRL 2.4342
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.2463	BND 1.2414	BND 1.2860	BND 1.2890
		S	USD 1 =	BND 1.2674	BND 1.2629	BND 1.3070	BND 1.3100
	BND	B	EUR 1 =	BND 1.7276	BND 1.7273	BND 1.7014	BND 1.6572
		S	EUR 1 =	BND 1.7843	BND 1.7842	BND 1.7579	BND 1.7139
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas	M	USD 1 =	BGN 1.40677	BGN 1.39692	BGN 1.45762	BGN 1.51158
		M	EUR 1 =	BGN 1.95583	BGN 1.95583	BGN 1.95583	BGN 1.95583
	BGN						
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	B	USD 1 =	BIF 1,250.4301	BIF 1,277.3313	BIF 1,315.0538	BIF 1,344.4813
		S	USD 1 =	BIF 1,282.0866	BIF 1,309.6688	BIF 1,348.3463	BIF 1,378.5188
	BIF	B	EUR 1 =	BIF 1,746.9807	BIF 1,786.8587	BIF 1,753.9792	BIF 1,739.2882
		S	EUR 1 =	BIF 1,791.2081	BIF 1,832.0957	BIF 1,798.3838	BIF 1,783.3208
Cambodia							
Phnom Penh 696	Riel = 100 sen	B	USD 1 =	KHR 4,063	KHR 4,100	KHR 4,031	KHR 4,039
		S	USD 1 =	KHR 4,069	KHR 4,108	KHR 4,039	KHR 4,039
	KHR	B	EUR 1 =	KHR 5,684	KHR 5,810	KHR 5,371	KHR 5,230
		S	EUR 1 =	KHR 5,694	KHR 5,821	KHR 5,382	KHR 5,231
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	M	USD 1 =	CAD 0.9891	CAD 0.9935	CAD 1.0197	CAD 1.0170
		M	EUR 1 =	CAD 1.3752	CAD 1.3856	CAD 1.3718	CAD 1.3193
	CAD						
Cape Verde							
Praia 247	Cape Verde escudo = 100 centavos	B	USD 1 =	CVE 78.901	CVE 77.770	CVE 82.581	CVE 85.449
		S	USD 1 =	CVE 79.103	CVE 77.972	CVE 82.783	CVE 85.651
	CVE	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. * See Explanatory notes, p 57. ¹ Explanatory notes on individual countries, see pp 61–63. ² Value against the euro.

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Cayman Islands							
George Town 463	Cayman Islands dollar = 100 cents	B S	USD 1 =	KYD 0.82	KYD 0.82	KYD 0.82	KYD 0.82
			USD 1 =	KYD 0.84	KYD 0.84	KYD 0.84	
	KYD	V, B V, S	EUR 1 = EUR 1 =	KYD 1.1414 KYD 1.1693	KYD 1.1481 KYD 1.1761	KYD 1.1003 KYD 1.1271	KYD 1.0610 KYD 1.0869
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 M	USD 1 =	CLP 484.15	CLP 492.04	CLP 524.25	CLP 521.46
			EUR 1 =	CLP 673.05	CLP 699.22	CLP 698.44	CLP 675.20
China							
Peking / Beijing 720	Chinese yuan renminbi = 10 jiao = 100 fen CNY	M M M	USD 1 =	CNY 6.4586	CNY 6.3233	CNY 6.3482	CNY 6.3009
			EUR 1 =	CNY 8.9937	CNY 8.9465	CNY 8.4625	CNY 8.1625
			HKD 1 =	CNY 0.82915	CNY 0.81441	CNY 0.81500	CNY 0.81070
China (Taiwan)							
Taipeh 736	New Taiwan dollar = 100 cents TWD	B S B S	USD 1 =	TWD 29.36	TWD 29.70	TWD 30.25	TWD 30.22
			USD 1 =	TWD 29.46	TWD 29.80	TWD 30.35	TWD 30.32
			EUR 1 =	TWD 40.77	TWD 41.76	TWD 40.25	TWD 39.01
			EUR 1 =	TWD 41.17	TWD 42.16	TWD 40.65	TWD 39.41
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	B S V, B V, S	USD 1 =	COP 1,849.87	COP 1,862.55	COP 1,966.45	COP 1,941.29
			USD 1 =	COP 1,850.81	COP 1,863.56	COP 1,967.91	COP 1,944.12
			EUR 1 =	COP 2,572.22	COP 2,607.76	COP 2,638.58	COP 2,511.84
			EUR 1 =	COP 2,573.51	COP 2,609.17	COP 2,640.54	COP 2,515.50
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 57. ¹ Explanatory notes on individual countries, see pp 61–63. 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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 899.4758	CDF 902.3751	CDF 870.4218	CDF 892.6045
		S	USD 1 =	CDF 936.1890	CDF 939.2067	CDF 905.9492	CDF 929.0373
	CDF	B	EUR 1 =	CDF 1,257.2075	CDF 1,276.9347	CDF 1,160.3981	CDF 1,150.4214
		S	EUR 1 =	CDF 1,308.5260	CDF 1,329.0544	CDF 1,207.7613	CDF 1,197.3774
Cook Islands ¹							
Avarua 837	Cook Islands dollar = 100 cents NZD	² B	NZD 1 =	EUR 0.5787	EUR 0.5865	EUR 0.5819	EUR 0.6058
		S	NZD 1 =	EUR 0.5596	EUR 0.5672	EUR 0.5625	EUR 0.5855
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 501.51	CRC 509.78	CRC 501.00	CRC 505.35
		S	USD 1 =	CRC 512.56	CRC 521.11	CRC 512.10	CRC 518.33
	CRC	V, B	EUR 1 =	CRC 702.0121	CRC 713.7430	CRC 672.2418	CRC 653.8724
		V, S	EUR 1 =	CRC 717.4620	CRC 729.6061	CRC 687.1358	CRC 670.6672
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	USD 1 =	HRK 5.328058	HRK 5.266671	HRK 5.572102	HRK 5.802480
		S	USD 1 =	HRK 5.360122	HRK 5.298367	HRK 5.605636	HRK 5.837400
	HRK	B	EUR 1 =	HRK 7.412527	HRK 7.462873	HRK 7.476090	HRK 7.507829
		S	EUR 1 =	HRK 7.457136	HRK 7.507785	HRK 7.521082	HRK 7.553011
Cuba ¹							
Havana 448	Convertible peso / Cuban peso = 100 centavos	B	CUC 1 =	USD 1.04738	USD 1.03360	USD 1.03360	USD 1.03360
		S	CUC 1 =	USD 0.98143	USD 0.96852	USD 0.96852	USD 0.96852
	CUC / CUP	B	EUR 1 =	CUC 1.33623	CUC 1.36920	CUC 1.29070	CUC 1.25648
		S	EUR 1 =	CUC 1.42612	CUC 1.46130	CUC 1.37758	CUC 1.34094
Curaçao							
Willemstad 477	Netherlands Antillean guilder = 100 cent	B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 249.35	ANG 249.36	ANG 238.98	ANG 230.45
		S	EUR 100 =	ANG 254.38	ANG 254.39	ANG 243.80	ANG 235.09
Cyprus							
Nicosia 600	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3920	USD 1.4001	USD 1.3418	USD 1.2939
Czech Republic							
Prague 061	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 17.688	CZK 17.715	CZK 18.838	CZK 19.940
		M	EUR 1 =	CZK 24.602	CZK 24.800	CZK 25.320	CZK 25.800

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. ¹ Explanatory notes on individual countries, see pp 61–63. ² Parity in relation to New Zealand dollar. 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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 536.22	DKK 531.53	DKK 554.26	DKK 574.56
		M	EUR 100 =	DKK 745.03	DKK 744.20	DKK 743.70	DKK 743.42
Djibouti							
Djibouti 338	Djibouti franc = 100 centimes DJF	B	USD 1 =	DJF 176.832	DJF 176.832	DJF 176.832	DJF 176.832
		S	USD 1 =	DJF 179.498	DJF 179.498	DJF 179.498	DJF 179.498
		B	EUR 1 =	DJF 245.73	DJF 247.20	DJF 232.64	DJF 226.86
		S	EUR 1 =	DJF 255.46	DJF 258.80	DJF 244.88	DJF 235.31
Dominica							
Roseau 460	East Caribbean dollar = 100 cents XCD	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
		V, B	EUR 1 =	XCD 3.7420	XCD 3.7637	XCD 3.6070	XCD 3.4783
		V, S	EUR 1 =	XCD 3.7819	XCD 3.8039	XCD 3.6455	XCD 3.5154
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 38.0688	DOP 38.3397	DOP 38.5149	DOP 38.7243
		S	USD 1 =	DOP 38.1450	DOP 38.4127	DOP 38.5687	DOP 38.8226
		V, B	EUR 1 =	DOP 53.2879	DOP 53.6794	DOP 51.6793	DOP 50.1054
		V, S	EUR 1 =	DOP 53.3943	DOP 53.7816	DOP 51.7515	DOP 50.2326
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 5.9367	EGP 5.9575	EGP 5.9950	EGP 6.0200
		S	USD 1 =	EGP 5.9647	EGP 5.9875	EGP 6.0250	EGP 6.0475
		B	EUR 1 =	EGP 8.2472	EGP 8.3439	EGP 7.9622	EGP 7.7732
		S	EUR 1 =	EGP 8.3821	EGP 8.4822	EGP 8.0935	EGP 7.9422
El Salvador ¹							
San Salvador 428	El Salvador colón = 100 centavos SVC	B / S	USD 1 =	SVC 8.75	SVC 8.75	SVC 8.75	SVC 8.75
		V, B/S	EUR 1 =	SVC 12.1800	SVC 12.2509	SVC 11.7408	SVC 11.3216
Equatorial Guinea ¹							
Malabo 310	CFA franc XAF	2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Eritrea							
Asmara 336	Nakfa = 100 cents ERN	B	USD 1 =	ERN 15.0000	ERN 15.0000	ERN 15.0000	ERN 15.0000
		S	USD 1 =	ERN 15.7500	ERN 15.7500	ERN 15.7500	ERN 15.7500
		B	EUR 1 =	ERN 20.9264	ERN 21.0480	ERN 20.0520	ERN 19.2990
		S	EUR 1 =	ERN 21.6859	ERN 21.8075	ERN 20.8115	ERN 20.0585
Estonia							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3920	USD 1.4001	USD 1.3418	USD 1.2939

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. ¹ Explanatory notes on individual countries, see pp 61–63. ² Value against the euro.

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Ethiopia							
Addis Ababa 334	Birr = 100 cents	B S	USD 1 =	ETB 16.924275	ETB 17.125400	ETB 17.169700	ETB 17.220100
			USD 1 =	ETB 17.262764	ETB 17.467908	ETB 17.513094	ETB 17.564500
	ETB	B S	EUR 1 =	ETB 23.685008	ETB 24.227300	ETB 23.000500	ETB 22.286300
			EUR 1 =	ETB 24.158704	ETB 24.711846	ETB 23.460510	ETB 22.732000
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	B S	FJD 1 =	USD 0.5702	USD 0.5812	USD 0.5555	USD 0.5578
			FJD 1 =	USD 0.5532	USD 0.5642	USD 0.5385	USD 0.5408
	FJD	B S	FJD 1 =	EUR 0.4079	EUR 0.4109	EUR 0.4162	EUR 0.4304
			FJD 1 =	EUR 0.3959	EUR 0.3989	EUR 0.4042	EUR 0.4184
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3920	USD 1.4001	USD 1.3418	USD 1.2939
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3920	USD 1.4001	USD 1.3418	USD 1.2939
Gabon ¹							
Libreville 314	CFA franc XAF	3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Gambia							
Banjul 252	Dalasi = 100 bututs GMD	M M	USD 1 =	GMD .	GMD 30.12	GMD 29.72	GMD .
			EUR 1 =	GMD .	GMD 42.35	GMD 40.40	GMD .
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M M	USD 1 =	GEL 1.6856	GEL 1.6592	GEL 1.6583	GEL 1.6703
			EUR 1 =	GEL 2.3464	GEL 2.3491	GEL 2.2234	GEL 2.1614
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3920	USD 1.4001	USD 1.3418	USD 1.2939

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. ¹ Explanatory notes on individual countries, see pp 61–63.

² Value against the pound sterling; for rates see 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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas	B	USD 1 =	GHS 1.5090	GHS 1.5415	GHS 1.5535	GHS 1.5657
		S	USD 1 =	GHS 1.5412	GHS 1.5739	GHS 1.5859	GHS 1.6024
	GHS	B	EUR 1 =	GHS 2.1110	GHS 2.1604	GHS 2.0614	GHS 2.0437
		S	EUR 1 =	GHS 2.1556	GHS 2.2056	GHS 2.1035	GHS 2.0919
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 1.3920	USD 1.4001	USD 1.3418	USD 1.2939
Grenada							
St George's 473	East Caribbean dollar = 100 cents	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.7420	XCD 3.7637	XCD 3.6070	XCD 3.4783
		V, S	EUR 1 =	XCD 3.7819	XCD 3.8039	XCD 3.6455	XCD 3.5154
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ	M	USD 1 =	GTQ 7.79111	GTQ 7.83567	GTQ 7.86688	GTQ 7.81083
		V, M	EUR 1 =	GTQ 10.90491	GTQ 10.97072	GTQ 10.55578	GTQ 10.10643
Guinea							
Conakry 260	Guinean franc	B	USD 1 =	GNF 6,705.1928	GNF 6,666.6182	GNF 6,748.5213	GNF 6,801.4681
		S	USD 1 =	GNF 7,068.3309	GNF 7,078.9863	GNF 7,165.9556	GNF 7,222.1774
	GNF	B	EUR 1 =	GNF 9,368.1248	GNF 9,350.6653	GNF 8,957.9871	GNF 8,789.7412
		S	EUR 1 =	GNF 9,874.2252	GNF 9,929.0570	GNF 9,512.0894	GNF 9,333.4365
Guinea Bissau ¹							
Bissau 257	CFA franc XOF	3	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Guyana							
Georgetown 488	Guyana dollar = 100 cents	B	USD 1 =	GYD 203.66	GYD 203.49	GYD 203.99	GYD 203.74
		S	USD 1 =	GYD 206.08	GYD 205.91	GYD 206.42	GYD 206.16
	GYD	B	EUR 1 =	GYD 285.23	GYD 285.05	GYD 271.74	GYD 266.22
		S	EUR 1 =	GYD 288.84	GYD 288.65	GYD 275.19	GYD 269.59

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. ¹ Explanatory notes on individual countries, see pp 61–63.

² Value against the pound sterling; for rates see 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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 40.5687	HTG 41.0060	HTG 41.0958	HTG 40.9734
		V, M	EUR 1 =	HTG 56.7855	HTG 57.4125	HTG 55.1423	HTG 53.0155
Honduras							
Tegucigalpa 424	Lempira = 100 centavos HNL	B	USD 1 =	HNL 18.9197	HNL 19.0239	HNL 18.9715	HNL 19.0484
		S	USD 1 =	HNL 19.0522	HNL 19.1461	HNL 19.1002	HNL 19.1820
		V, B	EUR 1 =	HNL 26.4855	HNL 26.6354	HNL 25.4560	HNL 24.6467
		V, S	EUR 1 =	HNL 26.6711	HNL 26.8065	HNL 25.6286	HNL 24.8196
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.7729	HKD 7.7542	HKD 7.7768	HKD 7.7561
		S	USD 1 =	HKD 7.7975	HKD 7.7792	HKD 7.8018	HKD 7.7811
		B	EUR 1 =	HKD 10.8060	HKD 10.8383	HKD 10.3349	HKD 10.0013
		S	EUR 1 =	HKD 10.8756	HKD 10.9084	HKD 10.4049	HKD 10.0712
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 200.94	HUF 212.23	HUF 234.64	HUF 240.68
		M	EUR 1 =	HUF 280.28	HUF 300.90	HUF 311.58	HUF 311.13
Iceland							
Reykjavik 024	Icelandic krona ISK	B	USD 1 =	ISK 115.89	ISK 113.51	ISK 119.83	ISK 122.42
		S	USD 1 =	ISK 116.44	ISK 114.05	ISK 120.41	ISK 123.00
		B	EUR 1 =	ISK 160.97	ISK 158.88	ISK 159.10	ISK 158.40
		S	EUR 1 =	ISK 161.87	ISK 159.76	ISK 160.00	ISK 159.28
India 1							
New Delhi 664	Indian rupee = 100 paise INR	B	USD 1 =	INR 46.39	INR 48.15	INR 51.66	INR 52.43
		S	USD 1 =	INR 47.27	INR 49.45	INR 52.48	INR 53.25
		B	EUR 1 =	INR 64.31	INR 67.50	INR 68.58	INR 68.16
		S	EUR 1 =	INR 65.94	INR 69.13	INR 70.19	INR 69.76
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 8,733.04	IDR 8,791.00	IDR 9,124.00	IDR 9,023.00
		S	USD 1 =	IDR 8,820.96	IDR 8,879.00	IDR 9,216.00	IDR 9,113.00
		B	EUR 1 =	IDR 12,153.85	IDR 12,355.75	IDR 12,175.07	IDR 11,679.37
		S	EUR 1 =	IDR 12,278.46	IDR 12,482.10	IDR 12,301.52	IDR 11,798.60
Iran, Islamic Republic of 1							
Tehran 616	Iranian rial = 100 dinars IRR	M	USD 1 =	IRR 10,618	IRR 10,770	IRR 10,855	IRR 11,164
		M	EUR 1 =	IRR 14,845	IRR 15,075	IRR 14,467	IRR 14,466

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. 1 Explanatory notes on individual countries, see pp 61–63.

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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 2011	Rate at end of month				
					October 2011	November 2011	December 2011		
Iraq									
Baghdad 612	Iraqi dinar = 1,000 fils	B	USD 1 =	IQD 1,168.000	IQD 1,168.000	IQD 1,168.000	IQD 1,168.000		
		S	USD 1 =	IQD 1,170.000	IQD 1,170.000	IQD 1,170.000	IQD 1,170.000		
	IQD	B	EUR 1 =	IQD 1,635.066	IQD 1,655.892	IQD 1,559.532	IQD 1,528.893		
		S	EUR 1 =	IQD 1,635.884	IQD 1,656.720	IQD 1,560.312	IQD 1,529.658		
	Ireland								
	Dublin 007	Euro = 100 cent	M	EUR 1 =	USD 1.3920	USD 1.4001	USD 1.3418	USD 1.2939	
EUR									
Israel									
Jerusalem 624	New Israeli sheqel = 100 agorot	M	USD 1 =	ILS 3.5791	ILS 3.6040	ILS 3.7930	ILS 3.8210		
		M	EUR 1 =	ILS 4.9818	ILS 5.0442	ILS 5.0475	ILS 4.9381		
	ILS								
Italy									
Rome 005	Euro = 100 cent	M	EUR 1 =	USD 1.3920	USD 1.4001	USD 1.3418	USD 1.2939		
	EUR								
Jamaica									
Kingston 464	Jamaican dollar = 100 cents	B	USD 1 =	JMD 85.6964	JMD 86.0680	JMD 86.3023	JMD 86.1351		
		S	USD 1 =	JMD 86.0884	JMD 86.4876	JMD 86.6991	JMD 86.6008		
	JMD	B	EUR 1 =	JMD 119.8060	JMD 122.1596	JMD 115.1597	JMD 111.1478		
		S	EUR 1 =	JMD 120.3454	JMD 122.6187	JMD 115.6060	JMD 111.8480		
	Japan								
	Tokyo 732	Japanese yen = 100 sen	B	USD 1 =	JPY 78.79	JPY 76.75	JPY 77.13	JPY 76.74	
S			USD 1 =	JPY 80.79	JPY 78.75	JPY 79.13	JPY 78.74		
JPY		B	EUR 1 =	JPY 109.63	JPY 108.21	JPY 102.66	JPY 99.21		
		S	EUR 1 =	JPY 112.63	JPY 111.21	JPY 105.66	JPY 102.21		
Jordan									
Amman 628		Jordanian dinar = 1,000 fils	B	USD 1 =	JOD 0.7080	JOD 0.7080	JOD 0.7080	JOD 0.7080	
	S		USD 1 =	JOD 0.7100	JOD 0.7100	JOD 0.7100	JOD 0.7100		
	JOD	B	EUR 1 =	JOD 0.98624	JOD 0.98893	JOD 0.93860	JOD 0.91020		
		S	EUR 1 =	JOD 0.99865	JOD 1.00600	JOD 0.95289	JOD 0.91902		
	Kazakhstan								
	Astana 079	Tenge = 100 tiyn	M	USD 1 =	KZT 146.69	KZT 147.54	KZT 147.72	KZT 148.40	
KZT		M	EUR 1 =	KZT 204.25	KZT 209.17	KZT 196.79	KZT 191.72		
Kenya ¹									
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 88.5983	KES 99.4672	KES 89.5889	KES 84.9278		
		S	USD 1 =	KES 88.8574	KES 100.0894	KES 89.8528	KES 85.2083		
	KES	B	EUR 1 =	KES 123.9396	KES 139.1622	KES 119.3411	KES 109.8732		
		S	EUR 1 =	KES 124.3294	KES 140.0800	KES 119.7250	KES 110.2467		

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. ¹ Explanatory notes on individual countries, see pp 61–63.

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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Kiribati ¹							
Bairiki / Tarawa 812	Australian dollar / Kiribati = 100 cents AUD	² M	AUD 1 =	EUR 0.7433	EUR 0.7511	EUR 0.7516	EUR 0.7847
Korea, Democratic People's Republic of							
Pyongyang 724	North Korean won = 100 chon	B	USD 1 =	KPW 97.75	KPW 98.00	KPW 99.68	KPW 100.84
		S	USD 1 =	KPW 98.25	KPW 98.50	KPW 100.19	KPW 101.36
	KPW	B	EUR 1 =	KPW 136.28	KPW 135.60	KPW 133.00	KPW 131.40
		S	EUR 1 =	KPW 136.98	KPW 136.30	KPW 133.68	KPW 132.08
Korea, Republic of							
Seoul 728	South Korean won = 100 chon	B	USD 1 =	KRW 1,097.92	KRW 1,096.20	KRW 1,134.30	KRW 1,147.70
		S	USD 1 =	KRW 1,119.56	KRW 1,117.80	KRW 1,156.70	KRW 1,170.30
	KRW	B	EUR 1 =	KRW 1,526.83	KRW 1,534.42	KRW 1,505.79	KRW 1,482.23
		S	EUR 1 =	KRW 1,557.67	KRW 1,565.40	KRW 1,536.19	KRW 1,512.17
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.27418	KWD 0.27315	KWD 0.27570	KWD 0.27700
		S	USD 1 =	KWD 0.27812	KWD 0.27675	KWD 0.27930	KWD 0.28110
	KWD	B	EUR 1 =	KWD 0.383582	KWD 0.382792	KWD 0.366970	KWD 0.357399
		S	EUR 1 =	KWD 0.389100	KWD 0.387837	KWD 0.371762	KWD 0.362689
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tyiyn KGS	M	USD 1 =	KGS 46.1180	KGS 45.5976	KGS 46.8308	KGS 46.4847
		M	EUR 1 =	KGS 64.4549	KGS 64.6528	KGS 61.9873	KGS 60.0652
Lao People's Democratic Republic							
Vientiane 684	Kip	B	USD 1 =	LAK 8,010	LAK 7,990	LAK 8,001	LAK 8,006
		S	USD 1 =	LAK 8,047	LAK 8,027	LAK 8,038	LAK 8,043
	LAK	B	EUR 1 =	LAK 11,192	LAK 11,308	LAK 10,664	LAK 10,347
		S	EUR 1 =	LAK 11,245	LAK 11,362	LAK 10,715	LAK 10,396
Latvia							
Riga 054	Latvian lats = 100 santims LVL	M	USD 1 =	LVL 0.5050	LVL 0.4960	LVL 0.5260	LVL 0.5440
		M	EUR 1 =	LVL 0.702804	LVL 0.702804	LVL 0.702804	LVL 0.702804
Lebanon							
Beirut 604	Lebanese pound = 100 piastres LBP	M	USD 1 =	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50
		M	EUR 1 =	LBP 2,100.36	LBP 2,112.46	LBP 2,007.09	LBP 1,948.59

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. ¹ Explanatory notes on individual countries, see pp 61–63. 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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Lesotho ¹							
Maseru 395	Loti = 100 lisente LSL	2	ZAR 1 =	LSL 1	LSL 1	LSL 1	LSL 1
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents LRD	B S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	LRD 71.79 LRD 72.75 LRD 100.5219 LRD 101.8643	LRD 71.50 LRD 72.50 LRD 100.1072 LRD 101.5073	LRD 71.00 LRD 72.00 LRD 95.2678 LRD 96.6096	LRD 71.50 LRD 72.50 LRD 92.5139 LRD 93.8078
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham LYD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	LYD 1.2173 LYD 1.2234 LYD 1.7060 LYD 1.7145	LYD 1.2185 LYD 1.2246 LYD 1.7055 LYD 1.7140	LYD 1.2220 LYD 1.2281 LYD 1.6884 LYD 1.6969	LYD 1.2565 LYD 1.2628 LYD 1.6242 LYD 1.6323
Lithuania							
Vilnius 055	Lithuanian litas = 100 centas LTL	M M	USD 1 = EUR 1 =	LTL 2.4829 LTL 3.4528	LTL 2.4643 LTL 3.4528	LTL 2.5876 LTL 3.4528	LTL 2.6694 LTL 3.4528
Luxembourg							
Luxembourg 018	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3920	USD 1.4001	USD 1.3418	USD 1.2939
Macao ¹							
Macao 743	Pataca = 100 avos MOP	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	MOP 7.9676 MOP 8.0678 MOP 11.1450 MOP 11.2852	MOP 7.9473 MOP 8.0472 MOP 11.2430 MOP 11.3845	MOP 7.9728 MOP 8.0731 MOP 10.6294 MOP 10.7631	MOP 7.9553 MOP 8.0554 MOP 10.3045 MOP 10.4341
Macedonia ¹							
Skopje 095	Macedonian denar = 100 deni MKD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	MKD 44.0216 MKD 44.4640 MKD 61.2235 MKD 61.8388	MKD 43.2186 MKD 43.6529 MKD 61.1975 MKD 61.8125	MKD 45.8937 MKD 46.3549 MKD 61.2038 MKD 61.8190	MKD 47.2969 MKD 47.7723 MKD 61.1975 MKD 61.8125
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M M	USD 1 = EUR 1 =	MGA 2,027.47 MGA 2,820.10	MGA 2,105.15 MGA 2,971.30	MGA 2,111.91 MGA 2,805.58	MGA 2,247.48 MGA 2,912.14
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala MWK	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	MWK 155.8148 MWK 158.0740 MWK 217.8922 MWK 221.0331	MWK 166.4606 MWK 169.8234 MWK 236.1909 MWK 240.9625	MWK 162.8304 MWK 166.1199 MWK 216.8413 MWK 221.2219	MWK 162.1140 MWK 165.3890 MWK 210.1159 MWK 214.3607

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. ¹ Explanatory notes on individual countries, see pp 61–63. ² Parity in relation to South African rand; for 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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Malaysia							
Kuala Lumpur Seat of Government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 3.0277	MYR 3.0368	MYR 3.1408	MYR 3.1398
		S	USD 1 =	MYR 3.0888	MYR 3.0982	MYR 3.2042	MYR 3.2032
	MYR	B	EUR 1 =	MYR 4.2042	MYR 4.2803	MYR 4.1729	MYR 4.0535
		S	EUR 1 =	MYR 4.3150	MYR 4.3931	MYR 4.2828	MYR 4.1603
Maldives							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 14.71	MVR 15.37	MVR 15.41	MVR 15.41
		V, M	EUR 1 =	MVR 20.59101	MVR 21.51954	MVR 20.67714	MVR 19.93900
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 1.3920	USD 1.4001	USD 1.3418	USD 1.2939
Mauritania							
Nouakchott 228	Ouguiya = 5 khoums MRO	B	USD 1 =	MRO 279.70	MRO 285.29	MRO 286.01	MRO 287.68
		S	USD 1 =	MRO 282.50	MRO 288.15	MRO 288.88	MRO 290.56
	MRO	B	EUR 1 =	MRO 390.61	MRO 403.59	MRO 381.60	MRO 373.58
		S	EUR 1 =	MRO 394.53	MRO 407.63	MRO 385.43	MRO 377.33
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 28.0024	MUR 28.0898	MUR 28.4711	MUR 28.6819
		S	USD 1 =	MUR 29.3407	MUR 29.4262	MUR 29.8112	MUR 30.0443
	MUR	B	EUR 1 =	MUR 39.1454	MUR 39.3515	MUR 37.9235	MUR 37.1186
		S	EUR 1 =	MUR 41.0191	MUR 41.2318	MUR 39.7381	MUR 38.8913
Mexico							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 12.4594	MXN 13.2948	MXN 13.6640	MXN 13.9655
		S	USD 1 =	MXN 12.4624	MXN 13.2988	MXN 13.6670	MXN 13.9725
	MXN	V, B	EUR 1 =	MXN 17.3129	MXN 18.6140	MXN 18.3344	MXN 18.0700
		V, S	EUR 1 =	MXN 17.3171	MXN 18.6196	MXN 18.3384	MXN 18.0790
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 11.7249	MDL 11.6014	MDL 11.8781	MDL 11.7154
		M	EUR 1 =	MDL 16.3079	MDL 16.4247	MDL 15.8858	MDL 15.0737
Mongolia							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 1,273.18	MNT 1,297.67	MNT 1,340.90	MNT 1,396.37
		M	EUR 1 =	MNT 1,778.36	MNT 1,822.06	MNT 1,779.58	MNT 1,806.76

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. ¹ Explanatory notes on individual countries, see pp 61–63. 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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Montenegro							
Podgorica 097	Euro = 100 cent EUR	B S	USD 1 =	EUR 0.7174	EUR 0.7041	EUR 0.7476	EUR 0.7705
			USD 1 =	EUR 0.7217	EUR 0.7083	EUR 0.7521	EUR 0.7752
Morocco							
Rabat 204	Moroccan dirham = 100 centimes MAD	B S	USD 1 =	MAD 8.0546	MAD 8.0251	MAD 8.2589	MAD 8.5515
			USD 1 =	MAD 8.1030	MAD 8.0733	MAD 8.3085	MAD 8.6029
		B S	EUR 1 =	MAD 11.218	MAD 11.227	MAD 11.158	MAD 11.072
			EUR 1 =	MAD 11.285	MAD 11.294	MAD 11.225	MAD 11.139
Mozambique							
Maputo 366	Metical = 100 centavos MZN	B S	USD 1 =	MZN 28.75	MZN 26.93	MZN 26.77	MZN 27.04
			USD 1 =	MZN 28.95	MZN 27.13	MZN 26.97	MZN 27.24
		B S	EUR 1 =	MZN 40.25	MZN 37.69	MZN 35.60	MZN 34.92
			EUR 1 =	MZN 40.52	MZN 37.97	MZN 35.86	MZN 35.18
Myanmar ¹							
Nay Pyi Taw 676	Kyat = 100 pyas MMK	B S	USD 1 =	MMK 5.3800	MMK 5.3279	MMK 5.4734	MMK 5.5596
			USD 1 =	MMK 5.4876	MMK 5.4344	MMK 5.5829	MMK 5.6708
		B S	EUR 1 =	MMK 7.5148	MMK 7.5443	MMK 7.2993	MMK 7.1658
			EUR 1 =	MMK 7.6651	MMK 7.6951	MMK 7.4453	MMK 7.3091
Namibia ¹							
Windhoek 389	Namibia dollar = 100 cents NAD		2 ZAR 1 =	NAD 1	NAD 1	NAD 1	NAD 1
Nepal							
Kathmandu 672	Nepalese rupee = 100 paisa NPR	B S	USD 1 =	NPR 74.82	NPR 77.70	NPR 82.96	NPR 85.09
			USD 1 =	NPR 75.42	NPR 78.30	NPR 83.56	NPR 85.69
		B S	EUR 1 =	NPR 104.44	NPR 109.93	NPR 110.60	NPR 109.98
			EUR 1 =	NPR 105.28	NPR 110.78	NPR 111.40	NPR 110.76
Netherlands							
Amsterdam Seat of Government: The Hague 003	Euro = 100 cent EUR		M EUR 1 =	USD 1.3920	USD 1.4001	USD 1.3418	USD 1.2939
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 57. **1** Explanatory notes on individual countries, see pp 61–63.

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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
New Zealand							
Wellington 804	New Zealand dollar = 100 cents	B	NZD 1 =	USD 0.8040	USD 0.8217	USD 0.7732	USD 0.7828
		S	NZD 1 =	USD 0.7825	USD 0.7998	USD 0.7523	USD 0.7617
	NZD	B	NZD 1 =	EUR 0.5787	EUR 0.5865	EUR 0.5819	EUR 0.6058
		S	NZD 1 =	EUR 0.5596	EUR 0.5672	EUR 0.5625	EUR 0.5855
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 22.4684	NIO 22.7901	NIO 22.8816	NIO 22.9767
		V, M	EUR 1 =	NIO 31.4483	NIO 31.9084	NIO 30.7025	NIO 29.7296
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	B	USD 1 =	NGN 151.40	NGN 149.25	NGN 155.31	NGN 155.70
		S	USD 1 =	NGN 152.40	NGN 150.25	NGN 156.31	NGN 156.70
	NGN	B	EUR 1 =	NGN 210.7990	NGN 209.2187	NGN 206.7331	NGN 201.4291
		S	EUR 1 =	NGN 212.2517	NGN 210.6205	NGN 208.0642	NGN 202.7228
Norway							
Oslo 028	Norwegian krone = 100 øre	B	USD 1 =	NOK 5.5986	NOK 5.4543	NOK 5.8647	NOK 5.9955
		S	USD 1 =	NOK 5.6204	NOK 5.4763	NOK 5.8867	NOK 6.0175
	NOK	B	EUR 1 =	NOK 7.7927	NOK 7.6599	NOK 7.7838	NOK 7.7568
		S	EUR 1 =	NOK 7.8227	NOK 7.6899	NOK 7.8138	NOK 7.7868
Oman							
Muscat 649	Rial Omani = 1,000 baisa	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
	OMR	B	EUR 1 =	OMR 0.5368352	OMR 0.5373312	OMR 0.5122560	OMR 0.4965120
		S	EUR 1 =	OMR 0.5382845	OMR 0.5387690	OMR 0.5136285	OMR 0.4978435
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa	B	USD 1 =	PKR 86.18	PKR 86.40	PKR 88.00	PKR 89.60
		S	USD 1 =	PKR 86.38	PKR 86.60	PKR 88.20	PKR 89.80
	PKR	B	EUR 1 =	PKR 120.00	PKR 121.02	PKR 117.19	PKR 115.96
		S	EUR 1 =	PKR 120.28	PKR 121.30	PKR 117.46	PKR 116.22
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	B	PGK 1 =	USD 0.4510	USD 0.4785	USD 0.4845	USD 0.4900
		S	PGK 1 =	USD 0.4090	USD 0.4365	USD 0.4425	USD 0.4480
	PGK	B	PGK 1 =	EUR 0.3189	EUR 0.3343	EUR 0.3589	EUR 0.3728
		S	PGK 1 =	EUR 0.2984	EUR 0.3138	EUR 0.3384	EUR 0.3523

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. 1 Explanatory notes on individual countries, see pp 61–63.

2 Value against the euro. 3 Parity in relation 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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Paraguay							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 4,192.36	PYG 4,202.74	PYG 4,455.12	PYG 4,478.04
		S	USD 1 =	PYG 4,211.47	PYG 4,212.85	PYG 4,461.31	PYG 4,505.95
	PYG	V, B	EUR 1 =	PYG 5,825.19	PYG 5,884.26	PYG 5,977.88	PYG 5,771.75
V, S		EUR 1 =	PYG 5,851.84	PYG 5,898.41	PYG 5,986.19	PYG 5,807.72	
Peru							
Lima 504	Nuevo sol = 100 céntimos	B	USD 1 =	PEN 2.750	PEN 2.706	PEN 2.699	PEN 2.695
		S	USD 1 =	PEN 2.751	PEN 2.708	PEN 2.700	PEN 2.697
	PEN	B	EUR 1 =	PEN 3.721	PEN 3.643	PEN 3.525	PEN 3.456
		S	EUR 1 =	PEN 3.943	PEN 3.934	PEN 3.839	PEN 3.688
Philippines							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 42.99788	PHP 42.28629	PHP 43.29830	PHP 43.49673
		S	USD 1 =	PHP 43.67654	PHP 42.95371	PHP 43.98170	PHP 44.18327
	PHP	B	EUR 1 =	PHP 59.58113	PHP 59.72967	PHP 57.38788	PHP 56.02722
S		EUR 1 =	PHP 61.07363	PHP 61.22589	PHP 58.82544	PHP 57.43070	
Poland							
Warsaw 060	Polish zloty = 100 groszy PLN	M	USD 1 =	PLN 2.9636	PLN 3.1024	PLN 3.4248	PLN 3.4174
		M	EUR 1 =	PLN 4.1329	PLN 4.3433	PLN 4.5494	PLN 4.4168
Portugal							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3920	USD 1.4001	USD 1.3418	USD 1.2939
Qatar							
Doha 644	Qatari riyal = 100 dirham	B	USD 1 =	QAR 3.6300	QAR 3.6300	QAR 3.6300	QAR 3.6300
		S	USD 1 =	QAR 3.6502	QAR 3.6502	QAR 3.6502	QAR 3.6502
	QAR	B	EUR 1 =	QAR 5.0194	QAR 5.0250	QAR 4.7780	QAR 4.6330
S		EUR 1 =	QAR 5.1532	QAR 5.1740	QAR 4.9260	QAR 4.7800	
Romania							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 3.0475	RON 3.0889	RON 3.2764	RON 3.3393
		M	EUR 1 =	RON 4.2403	RON 4.3243	RON 4.3539	RON 4.3197
Russian Federation							
Moscow 075	Russian rouble = 100 kopeken RUB	M	USD 1 =	RUB 29.3948	RUB 29.8977	RUB 31.3216	RUB 32.1961
		M	EUR 1 =	RUB 40.9121	RUB 42.3830	RUB 41.8457	RUB 41.6714

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. 1 Explanatory notes on individual countries, see pp 61–63.

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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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 595.637126	RWF 597.061977	RWF 597.825569	RWF 599.307856
		S	USD 1 =	RWF 605.244176	RWF 606.692009	RWF 607.467917	RWF 608.974112
	RWF	B	EUR 1 =	RWF 828.431163	RWF 842.752981	RWF 799.352568	RWF 771.069488
		S	EUR 1 =	RWF 841.792956	RWF 856.345771	RWF 812.245352	RWF 783.506092
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	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	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.7420	XCD 3.7637	XCD 3.6070	XCD 3.4783
		V, S	EUR 1 =	XCD 3.7819	XCD 3.8039	XCD 3.6455	XCD 3.5154
Saint Lucia							
Castries 465	East Caribbean dollar = 100 cents	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.7420	XCD 3.7637	XCD 3.6070	XCD 3.4783
		V, S	EUR 1 =	XCD 3.7819	XCD 3.8039	XCD 3.6455	XCD 3.5154
Saint Vincent and the Grenadines							
Kingstown 467	East Caribbean dollar = 100 cents	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.7420	XCD 3.7637	XCD 3.6070	XCD 3.4783
		V, S	EUR 1 =	XCD 3.7819	XCD 3.8039	XCD 3.6455	XCD 3.5154
Samoa							
Apia 819	Tala = 100 sene	B	WST 1 =	USD 0.4432	USD 0.4472	USD 0.4366	USD 0.4331
		S	WST 1 =	USD 0.4262	USD 0.4302	USD 0.4196	USD 0.4161
	WST	B	WST 1 =	EUR 0.3305	EUR 0.3344	EUR 0.3379	EUR 0.3472
		S	WST 1 =	EUR 0.2985	EUR 0.3024	EUR 0.3059	EUR 0.3152
Sao Tome and Principe ¹							
São Tomé 311	Dobra = 100 céntimos	B	USD 1 =	STD 17,564.28	STD 17,452.63	STD 18,371.33	STD 19,008.46
		S	USD 1 =	STD 17,827.74	STD 17,714.42	STD 18,646.90	STD 19,293.58
	STD	B	EUR 1 =	STD 24,500.00	STD 24,500.00	STD 24,500.00	STD 24,500.00
		S	EUR 1 =	STD 24,500.00	STD 24,500.00	STD 24,500.00	STD 24,500.00
Saudi Arabia							
Riyadh 632	Saudi riyal = 100 halalah	B	USD 1 =	SAR 3.7440	SAR 3.7440	SAR 3.7440	SAR 3.7440
		S	USD 1 =	SAR 3.7540	SAR 3.7540	SAR 3.7540	SAR 3.7540
	SAR	B	EUR 1 =	SAR 5.1248	SAR 5.1100	SAR 4.9212	SAR 4.7328
		S	EUR 1 =	SAR 5.4277	SAR 5.3997	SAR 5.2002	SAR 5.0499

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. ¹ Explanatory notes on individual countries, see pp 61–63. ² Value against the pound sterling; for rates see 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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
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 73.0693	RSD 71.5803	RSD 77.7894	RSD 80.6236
		S	USD 1 =	RSD 73.5090	RSD 72.0111	RSD 78.2576	RSD 81.1088
	RSD	B	EUR 1 =	RSD 101.6215	RSD 100.1837	RSD 103.6622	RSD 104.3270
		S	EUR 1 =	RSD 102.2331	RSD 100.7867	RSD 104.2860	RSD 104.9548
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 12.1720	SCR 12.3994	SCR 12.9427	SCR 13.3384
		S	USD 1 =	SCR 12.6076	SCR 12.8354	SCR 13.3547	SCR 13.9347
	SCR	B	EUR 1 =	SCR 16.9934	SCR 17.3442	SCR 17.3692	SCR 17.4520
		S	EUR 1 =	SCR 17.6852	SCR 18.0855	SCR 17.9011	SCR 18.1019
Sierra Leone							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 4,314.46	SLL 4,374.25	SLL 4,364.99	SLL 4,333.93
		S	USD 1 =	SLL 4,402.46	SLL 4,462.62	SLL 4,453.17	SLL 4,421.49
	SLL	V, B	EUR 1 =	SLL 6,040.16	SLL 6,124.39	SLL 5,856.94	SLL 5,607.67
		V, S	EUR 1 =	SLL 6,163.31	SLL 6,248.11	SLL 5,975.26	SLL 5,720.97
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.2572	SGD 1.2502	SGD 1.2956	SGD 1.3007
		M	EUR 1 =	SGD 1.7493	SGD 1.7518	SGD 1.7257	SGD 1.6835
Sint Maarten (southern part)							
Philipsburg 479	Netherlands Antillean guilder = 100 cent	B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 249.35	ANG 249.36	ANG 238.98	ANG 230.45
S		EUR 100 =	ANG 254.38	ANG 254.39	ANG 243.80	ANG 235.09	
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3920	USD 1.4001	USD 1.3418	USD 1.2939
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3920	USD 1.4001	USD 1.3418	USD 1.2939
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents	B	SBD 1 =	USD .	USD 0.1371	USD .	USD .
		S	SBD 1 =	USD .	USD 0.1346	USD .	USD .
	SBD	B	SBD 1 =	EUR .	EUR 0.0988	EUR .	EUR .
		S	SBD 1 =	EUR .	EUR 0.0942	EUR .	EUR .

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. ¹ Explanatory notes on individual countries, see pp 61–63. 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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Somalia ¹							
Mogadishu 342	Somali shilling	B	USD 1 =	.	.	.	.
	SOS	S	USD 1 =	.	.	.	.
South Africa							
Pretoria Seat of Parliament: Cape Town 388	South African rand = 100 cents	B	USD 1 =	ZAR 7.0972	ZAR 7.6376	ZAR 7.9785	ZAR 7.9201
		S	USD 1 =	ZAR 7.4101	ZAR 7.9551	ZAR 8.2960	ZAR 8.2376
	ZAR	B	EUR 1 =	ZAR 9.8878	ZAR 10.7004	ZAR 10.7555	ZAR 10.2537
		S	EUR 1 =	ZAR 10.3395	ZAR 11.1576	ZAR 11.2076	ZAR 10.7038
South Sudan ¹							
Juba 225	South Sudanese pound = 100 piastres	B	USD 1 =	.	.	.	.
		S	USD 1 =	.	.	.	.
	SSP	B	EUR 1 =	.	.	.	.
		S	EUR 1 =	.	.	.	.
Spain							
Madrid 011	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3920	USD 1.4001	USD 1.3418	USD 1.2939
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 109.78	LKR 109.36	LKR 112.97	LKR 113.01
		S	USD 1 =	LKR 111.47	LKR 110.99	LKR 114.88	LKR 114.88
	LKR	B	EUR 1 =	LKR 151.94	LKR 152.91	LKR 149.78	LKR 145.37
		S	EUR 1 =	LKR 156.13	LKR 157.10	LKR 154.16	LKR 149.59
Sudan							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 2.6678	SDG 2.6702	SDG 2.6702	SDG 2.6702
		S	USD 1 =	SDG 2.6812	SDG 2.6836	SDG 2.6836	SDG 2.6836
	SDG	B	EUR 1 =	SDG 3.7372	SDG 3.7404	SDG 3.5591	SDG 3.4502
		S	EUR 1 =	SDG 3.7558	SDG 3.7591	SDG 3.5769	SDG 3.4674
Suriname							
Paramaribo 492	Surinamese dollar = 100 cent	B	USD 1 =	SRD 3.250	SRD 3.250	SRD 3.250	SRD 3.250
		S	USD 1 =	SRD 3.350	SRD 3.350	SRD 3.350	SRD 3.350
	SRD	B	EUR 1 =	SRD 4.543	SRD 4.588	SRD 4.334	SRD 4.176
		S	EUR 1 =	SRD 4.687	SRD 4.754	SRD 4.468	SRD 4.328
Swaziland ¹							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 7.2535	SZL 7.8026	SZL 8.4377	SZL 8.1046
		S	USD 1 =	SZL 7.3160	SZL 7.8526	SZL 8.4845	SZL 8.2046
	SZL	B	EUR 1 =	SZL 10.11231	SZL 10.9236	SZL 11.1934	SZL 10.4914
		S	EUR 1 =	SZL 10.20037	SZL 10.9952	SZL 11.2572	SZL 10.6217
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 6.4654	SEK 6.4098	SEK 6.8934	SEK 6.8909
		S	USD 1 =	SEK 6.5329	SEK 6.4773	SEK 6.9609	SEK 6.9584
	SEK	B	EUR 1 =	SEK 9.0294	SEK 9.0076	SEK 9.1749	SEK 8.9282
		S	EUR 1 =	SEK 9.0809	SEK 9.0591	SEK 9.2264	SEK 8.9797

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. ¹ Explanatory notes on individual countries, see pp 61–63.

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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Switzerland							
Berne 039	Swiss franc = 100 rappen / centimes CHF	B	USD 1 =	CHF 0.8874	CHF 0.8711	CHF 0.9226	CHF 0.9403
		B	EUR 1 =	CHF 1.2351	CHF 1.2196	CHF 1.2260	CHF 1.2158
Syrian Arab Republic							
Damascus 608	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 48.35	SYP 49.14	SYP 50.50	SYP 55.55
		S	USD 1 =	SYP 48.82	SYP 49.64	SYP 51.00	SYP 55.89
		B	EUR 1 =	SYP 67.72	SYP 68.98	SYP 67.35	SYP 72.53
		S	EUR 1 =	SYP 68.38	SYP 69.67	SYP 68.03	SYP 73.04
Tajikistan							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 4.6180	TJS 4.7538	TJS 4.7589	TJS 4.7585
		M	EUR 1 =	TJS 6.4482	TJS 6.7484	TJS 6.3736	TJS 6.1565
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 1,546.0382	TZS 1,629.7204	TZS 1,639.2166	TZS 1,550.8304
		S	USD 1 =	TZS 1,577.5900	TZS 1,662.9800	TZS 1,672.6700	TZS 1,582.4800
		B	EUR 1 =	TZS 2,162.9209	TZS 2,281.6086	TZS 2,186.7149	TZS 2,006.4644
		S	EUR 1 =	TZS 2,207.5726	TZS 2,328.8372	TZS 2,231.5090	TZS 2,047.8874
Thailand							
Bangkok 680	Thai baht = 100 satang THB	B	USD 1 =	THB 30.4137	THB 30.5276	THB 31.0783	THB 31.5505
		S	USD 1 =	THB 30.6939	THB 30.8097	THB 31.3581	THB 31.8319
		B	EUR 1 =	THB 42.2220	THB 42.8506	THB 41.3005	THB 40.7150
		S	EUR 1 =	THB 42.8457	THB 43.4707	THB 41.9010	THB 41.3397
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 0.6116	USD 0.6144	USD 0.6147	USD 0.6173
		S	TOP 1 =	USD 0.5705	USD 0.5924	USD 0.5640	USD 0.5665
		B	TOP 1 =	EUR 0.4567	EUR 0.4504	EUR 0.4877	EUR 0.5042
		S	TOP 1 =	EUR 0.3968	EUR 0.4075	EUR 0.4116	EUR 0.4256
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.3798	TTD 6.3734	TTD 6.3714	TTD 6.3881
		S	USD 1 =	TTD 6.4290	TTD 6.4121	TTD 6.4289	TTD 6.4305
		B	EUR 1 =	TTD 8.7115	TTD 8.6851	TTD 8.3555	TTD 8.0904
		S	EUR 1 =	TTD 9.1061	TTD 9.1136	TTD 8.6633	TTD 8.5060

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 57. ¹ Explanatory notes on individual countries, see pp 61–63.
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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes	B	USD 1 =	TND 1.3896	TND 1.3867	TND 1.4398	TND 1.4865
		S	USD 1 =	TND 1.4039	TND 1.4006	TND 1.4542	TND 1.5014
	TND	B	EUR 1 =	TND 1.9343	TND 1.9461	TND 1.9138	TND 1.9238
		S	EUR 1 =	TND 1.9536	TND 1.9655	TND 1.9330	TND 1.9430
Turkey							
Ankara 052	Turkish lira = 100 kuruş	B	USD 1 =	TRY 1.6694	TRY 1.7516	TRY 1.8439	TRY 1.9065
		S	USD 1 =	TRY 1.6774	TRY 1.7600	TRY 1.8528	TRY 1.9157
	TRY	B	EUR 1 =	TRY 2.3298	TRY 2.4555	TRY 2.4634	TRY 2.4592
		S	EUR 1 =	TRY 2.3410	TRY 2.4673	TRY 2.4753	TRY 2.4711
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 3.9699	TMT 4.0316	TMT 3.8042	TMT 3.6908
Uganda							
Kampala 350	Uganda shilling	B	USD 1 =	UGX 2,527.23	UGX 2,604.72	UGX 2,560.31	UGX 2,488.29
		S	USD 1 =	UGX 2,542.59	UGX 2,614.71	UGX 2,570.26	UGX 2,498.27
	UGX	B	EUR 1 =	UGX 3,531.84	UGX 3,692.71	UGX 3,413.92	UGX 3,213.63
		S	EUR 1 =	UGX 3,553.52	UGX 3,706.87	UGX 3,427.18	UGX 3,226.52
Ukraine							
Kyiv 072	Hryvnia = 100 kopeken UAH	M	USD 100 =	UAH 796.76	UAH 797.70	UAH 798.97	UAH 798.98
		M	EUR 100 =	UAH 1,108.3707	UAH 1,129.5432	UAH 1,065.5064	UAH 1,029.8053
United Arab Emirates ¹							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils	B	USD 1 =	AED 3.653	AED 3.653	AED 3.653	AED 3.653
		S	USD 1 =	AED 3.685	AED 3.685	AED 3.685	AED 3.685
	AED	B	EUR 1 =	AED 5.04921	AED 5.05772	AED 4.80679	AED 4.66164
		S	EUR 1 =	AED 5.25707	AED 5.26267	AED 5.00332	AED 4.85294
United Kingdom ¹							
London 006	Pound sterling = 100 pence GBP	M	GBP 1 =	USD 1.6030	USD 1.6141	USD 1.5728	USD 1.5461
		M	EUR 1 =	GBP 0.8678	GBP 0.8642	GBP 0.8559	GBP 0.8368
United States							
Washington 400	US dollar = 100 cents	B	EUR 1 =	USD 1.3925	USD 1.3847	USD 1.3441	USD 1.2941
		S	EUR 1 =	USD 1.3928	USD 1.3850	USD 1.3442	USD 1.2943
	USD	B	GBP 1 =	USD 1.6037	USD 1.6086	USD 1.5693	USD 1.5535
		S	GBP 1 =	USD 1.6040	USD 1.6089	USD 1.5696	USD 1.5540

Source: Central bank or a commercial bank of the country concerned. — * See Explanatory notes, p 57. ¹ Explanatory notes on individual countries, see pp 61–63.

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 2011	Rate at end of month		
					October 2011	November 2011	December 2011
Uruguay							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	B / S	USD 1 =	UYU 19.297	UYU 19.326	UYU 19.857	UYU 19.898
		B / S	EUR 1 =	UYU 26.824	UYU 26.967	UYU 26.697	UYU 25.774
Uzbekistan							
Tashkent 081	Uzbekistan sum = 100 tijin UZS	M	USD 1 =	UZS 1,717.81	UZS 1,761.61	UZS 1,780.22	UZS 1,795.00
		M	EUR 1 =	UZS 2,388.94	UZS 2,427.14	UZS 2,390.05	UZS 2,341.97
Vanuatu							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 90.30	VUV 88.63	VUV 93.83	VUV 92.55
		S	USD 1 =	VUV 95.48	VUV 93.18	VUV 98.65	VUV 97.30
		B	EUR 1 =	VUV 126.57	VUV 125.91	VUV 125.49	VUV 120.44
		S	EUR 1 =	VUV 131.93	VUV 130.60	VUV 130.16	VUV 124.93
Venezuela, Bolivarian Republic of ¹							
Caracas 484	Bolívar fuerte = 100 céntimos VEF	B	USD 1 =	VEF 4.2893	VEF 4.2893	VEF 4.2893	VEF 4.2893
		S	USD 1 =	VEF 4.3000	VEF 4.3000	VEF 4.3000	VEF 4.3000
		B	EUR 1 =	VEF 5.96906383	VEF 6.07279094	VEF 5.76396134	VEF 5.55850387
		S	EUR 1 =	VEF 5.98499948	VEF 6.08837000	VEF 5.77920000	VEF 5.57280000
Viet Nam							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 20,677	VND 21,005	VND 21,005	VND 21,030
		S	USD 1 =	VND 20,714	VND 21,011	VND 21,011	VND 21,036
		B	EUR 1 =	VND 28,955.73	VND 29,427.49	VND 28,162.90	VND 27,282.29
		S	EUR 1 =	VND 29,480.24	VND 30,417.48	VND 28,539.69	VND 27,699.67
Yemen							
Sana'a 653	Yemeni rial = 100 fils YER	B	USD 1 =	YER 213.75	YER 213.75	YER 213.75	YER 213.75
		S	USD 1 =	YER 213.85	YER 213.85	YER 213.85	YER 213.85
		B	EUR 1 =	YER 299.34	YER 299.28	YER 285.51	YER 276.96
		S	EUR 1 =	YER 299.48	YER 299.42	YER 285.64	YER 277.09
Zambia							
Lusaka 378	Kwacha = 100 ngwee ZMK	B	USD 1 =	ZMK 4,850.21	ZMK 4,897.40	ZMK 5,086.95	ZMK 5,107.04
		S	USD 1 =	ZMK 4,870.21	ZMK 4,917.40	ZMK 5,106.95	ZMK 5,127.04
		B	EUR 1 =	ZMK 6,780.79	ZMK 6,855.88	ZMK 6,773.27	ZMK 6,608.51
		S	EUR 1 =	ZMK 6,810.06	ZMK 6,884.37	ZMK 6,800.41	ZMK 6,635.41
Zimbabwe ¹							
Harare 382	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =	.	.	.	.
		M	EUR 1 =	.	.	.	.

IV Overview of world currencies *

2 Currencies in selected territories and states in which the currency of another country is legal tender

As of end-December 2011

Country or territory (country code)	Currency of country or area	Country or territory (country code)	Currency of country or area
Åland Islands	Finland	Madeira (010)	Portugal
Alhucemas	Spain	Marie-Galante (001)	France
American Samoa (830)	United States	Marshall Islands (824)	United States
Andaman Islands	India	Martinique (001)	France
Andorra (043)	France/Spain	Mayotte (377)	France
Anguilla (446)	Antigua and Barbuda	Melilla (023)	Spain
Azores (010)	Portugal	Micronesia, Federated States of (823)	United States
		Monaco ¹ (001)	France
		Montserrat (470)	Antigua and Barbuda
		Mooréa	New Caledonia
Baker Island (832)	United States		
Balearics	Spain		
Bali	Indonesia		
Bonaire (475)	United States		
Bora-Bora	New Caledonia		
Borneo (northern part) (701)	Malaysia	Nauru (803)	Australia
Borneo (southern part) (700)	Indonesia	Newfoundland	Canada
British Virgin Islands (468)	United States	Nicobar Islands	India
		Niue (838)	New Zealand
		Norfolk Island (836)	Australia
		Northern Mariana Islands (820)	United States
Canary Islands (011)	Spain		
Ceuta (021)	Spain		
Chafarinas (Islands)	Spain		
Christmas Island (834)	Australia	Palau (825)	United States
Cocos Islands (833)	Australia	Pescadores	China (Taiwan)
		Pitcairn Islands Group (813)	New Zealand
		Puerto Rico (400)	United States
Désirade (001)	France		
		Réunion (001)	France
Easter Island	Chile		
Ecuador (500)	United States		
		Saba (475)	United States
Faroe Islands ¹ (041)	Denmark	San Marino ¹ (047)	Italy
(French) Guiana (001)	France	Spitzbergen/Spitsbergen (028)	Norway
French Polynesia (822)	New Caledonia	St Barthélemy (001)	France
		St Eustatius (475)	United States
		St Martin (northern part)	France
		St Pierre and Miquelon (408)	France
		Sumatra	Indonesia
		Swan Islands (424)	Honduras
Galapagos Islands (500)	United States		
Gozo (Island of)	Malta		
Greenland (406)	Denmark		
Guadeloupe (001)	France	Tahiti (822)	New Caledonia
Guam (831)	United States	Tibet (720)	China
Guernsey ¹ (107)	United Kingdom	Timor-Leste ¹ (626)	United States
		Tokelau (839)	New Zealand/Samoa
		Turks and Caicos Islands ¹ (454)	United States
		Tuvalu ¹ (807)	Australia
Howland Island (832)	United States		
		Vatican City ¹ (045)	Italy
Isle of Man ¹ (109)	United Kingdom	Virgin Islands of the United States (457)	United States
Jarvis Island	United States		
Java	Indonesia		
Jersey ¹ (108)	United Kingdom		
		Wallis and Futuna (Islands) (811)	New Caledonia
Kosovo (095)	Euro area	Western Sahara	Morocco
Laccadive Islands	India		
Les Saintes Islands (001)	France	Zanzibar (Island) (352)	Tanzania, United Republic of
Liechtenstein (037)	Switzerland		

Sources: Central banks and The Statesman's Yearbook. * See Explanatory notes, p 57. ¹ Local currency is also in use.

V Value of the special drawing right in selected currencies *

1 End of year

SDR 1 = CU ...

Period	US dollar USD	Euro EUR	Pound sterling GBP	Japanese yen JPY	Canadian dollar CAD	Swiss franc CHF	Swedish krona SEK	Danish krone DKK	Norwegian krone NOK
1999	1.37251	1.36467	0.848150	140.111	1.98094	2.19297	11.6873	10.1549	11.0218
2000	1.30291	1.40022	0.873149	149.704	1.95462	2.13221	12.4232	10.4500	11.5288
2001	1.25673	1.42474	0.866469	165.491	2.00147	2.10605	13.3943	10.5685	11.3251
2002	1.35952	1.29639	0.843483	162.414	2.14750	1.88539	11.9542	9.62844	9.47006
2003	1.48597	1.17654	0.832619	158.575	1.92047	1.83800	10.7715	8.82099	9.91886
2004	1.55301	1.14016	0.804085	161.161	1.86920	1.75738	10.2351	8.46296	9.37796
2005	1.42927	1.21155	0.830055	168.610	1.66418	1.87848	11.3363	9.03881	9.67427
2006	1.50440	1.14229	0.766377	178.948	1.75308	1.83582	10.3390	8.51702	9.41017
2007	1.58025	1.07346	0.788780	179.947	1.56144	1.77857	10.2088	8.02021	8.55074
2008	1.54027	1.10675	1.05657	140.464	1.88621	1.63839	12.0833	8.18003	10.7802
2009	1.56769	1.08822	0.968007	143.797	1.64075	1.61551	11.3070	8.10688	9.05608
2010	1.54003	1.15966	0.997755	125.436	1.54142	1.44702	10.4761	8.64469	9.06742
2011	1.53527	1.18654	0.992989	119.321	1.56254	1.44453	10.6293	8.82099	9.20039

Source: IMF, Washington. * See Explanatory notes, pp 59–60. 1 ISO currency code: XDR.

2 End of month

SDR 1 = CU ...

Period	US dollar USD	Euro EUR	Pound sterling GBP	Japanese yen JPY	Canadian dollar CAD	Swiss franc CHF	Swedish krona SEK	Danish krone DKK	Norwegian krone NOK
2008 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	8.80306
Apr	1.51112	1.13490	0.985853	142.136	1.52865	1.62823	10.9178	8.48356	8.90274
May	1.47433	1.19051	1.01120	134.606	1.54790	1.69430	11.5698	8.85865	9.47831
June	1.47890	1.20520	0.984291	131.030	1.56852	1.59898	11.4947	8.97722	9.60836
July	1.51852	1.16558	0.974906	131.352	1.56255	1.57835	10.9827	8.68470	9.25523
Aug	1.50891	1.18999	0.979557	127.126	1.60533	1.54090	11.2150	8.85928	9.54918
Sep	1.55619	1.14023	0.977871	129.786	1.60256	1.51417	10.4848	8.49697	9.08538
Oct	1.57179	1.13429	0.987177	126.654	1.60133	1.55481	10.6488	8.45745	9.29213
Nov	1.52578	1.17385	0.982598	128.394	1.56606	1.52242	10.6919	8.74868	9.49767
Dec	1.54003	1.15966	0.997755	125.436	1.54142	1.44702	10.4761	8.64469	9.06742
2011 Jan	1.56194	1.14077	0.982907	128.157	1.56537	1.47306	10.2112	8.50362	9.04282
Feb	1.57305	1.13709	0.968983	128.518	1.53199	1.46026	10.0714	8.47860	8.76586
Mar	1.58550	1.11600	0.98528	131.803	1.54079	1.45042	9.99261	8.32168	8.74172
Apr	1.62096	1.09082	0.972479	132.910	1.53764	1.40440	9.73388	8.13491	8.48882
May	1.60077	1.11280	0.969989	129.422	1.55083	1.36514	9.87274	8.29710	8.63424
June	1.60045	1.10735	0.99978	129.188	1.54331	1.33541	10.0972	8.25941	8.62351
July	1.59900	1.12132	0.982608	124.002	1.52512	1.28096	10.1859	8.35317	8.67566
Aug	1.60936	1.11374	0.988181	123.261	1.57460	1.30278	10.2248	8.29869	8.61987
Sep	1.56162	1.15650	1.00136	119.667	1.62237	1.40765	10.7088	8.60630	9.12251
Oct	1.58590	1.13271	0.989707	125.603	1.57559	1.38053	10.2169	8.42957	8.72357
Nov	1.55156	1.15632	0.994075	121.099	1.58212	1.43007	10.7459	8.59964	8.96507
Dec	1.53527	1.18654	0.992989	119.321	1.56254	1.44453	10.6293	8.82099	9.20039

Source: IMF, Washington. * See Explanatory notes, pp 59–60. 1 ISO currency code: XDR.

V Value of the special drawing right in selected currencies *

3 Daily rates

SDR 1 = CU ...

Period	US dollar USD	Euro EUR	Pound sterling GBP	Japanese yen JPY	Canadian dollar CAD	Swiss franc CHF	Swedish krona SEK	Danish krone DKK	Norwegian krona NOK	
2011 Oct	3	1.55497	1.16678	1.00185	119.733	1.62339	1.41300	10.7330	8.68357	9.13125
	4	1.54610	1.17298	1.00547	118.571	1.63949	1.42489	10.7111	8.73004	9.19143
	5	1.55441	1.16549	1.00479	119.223	.	1.42524	10.6657	8.67513	9.10307
	6	1.55439	1.17144	1.00452	119.284	1.62123	1.43812	10.6695	8.71885	9.16590
	7	1.55851	1.16012	1.00413	119.538	1.60963	1.43430	10.5921	8.63588	9.04904
	11	1.56676	1.15143	1.00131	120.155	1.61172	1.42810	10.4310	8.57060	8.95937
	12	1.57526	1.14431	0.999211	120.838	1.60110	1.41364	10.5305	8.51869	8.90623
	13	1.57283	1.14579	1.00078	121.234	1.61026	1.41271	10.3645	8.53039	8.88786
	14	1.57555	1.14112	0.999211	121.254	1.59871	1.41469	10.4958	8.49632	8.83853
	17	1.57501	1.14330	1.00013	121.701	1.59895	1.41215	10.3560	8.51216	8.84009
	18	1.57201	1.14947	0.998672	120.778	1.59764	1.41717	10.5259	8.55849	8.92037
	19	1.57861	1.14160	0.999061	121.158	1.60008	1.41712	10.4280	8.49986	8.83026
	20	1.57687	1.14208	0.998712	121.167	1.61125	1.41287	10.4974	8.50282	8.80367
	21	1.57502	1.14148	0.99552	120.899	.	1.40429	10.4384	8.49899	8.79631
	24	1.58075	1.14084	0.992556	120.532	1.58691	1.40165	10.3469	8.49380	8.77470
	25	1.58629	1.13974	0.990442	120.749	1.60914	1.39308	10.3909	8.48558	8.75948
	26	1.58558	1.13849	0.991601	120.551	1.60159	1.38595	10.3770	8.47558	8.74370
	27	1.59092	1.13330	0.993206	121.324	1.58169	1.38951	10.2893	8.43633	8.67656
	28	1.59697	1.12781	0.991414	121.146	1.59011	1.37947	10.1638	8.39384	8.65306
	31	1.58590	1.13271	0.989707	125.603	1.57559	1.38053	10.2169	8.42957	8.72357
Nov	1	1.57007	1.15217	0.987274	122.622	1.60115	1.40003	10.3602	8.57383	8.93855
	2	1.57536	1.14082	0.985154	123.067	1.59521	1.39104	10.3805	8.48882	8.85097
	3	1.57679	1.14484	0.984446	.	1.59681	1.38820	10.4762	8.51890	8.83931
	4	1.57822	1.14588	0.984911	123.259	1.60663	1.39372	10.3899	8.52835	8.89656
	7	1.57479	1.14597	0.980931	123.054	1.60188	1.41243	10.4407	8.53031	8.87839
	8	1.57540	1.14259	0.981191	122.960	1.59746	1.41408	10.3627	8.50608	8.82651
	9	1.56979	1.15146	0.983091	121.769	1.59695	1.41878	10.2884	8.57214	8.94063
	10	1.56757	1.15127	0.985212	121.941	1.59736	1.41897	10.5156	8.56773	8.91321
	11	1.56974	1.14999	0.985892	121.734	.	1.42376	10.4523	8.55857	8.91472
	14	1.57209	1.15096	0.986077	121.256	1.60008	1.41976	10.4114	8.56663	8.92443
	15	1.56597	1.15724	0.987001	120.736	1.60277	1.43568	10.5174	8.61297	9.02641
	16	1.56202	1.15843	0.990442	120.416	1.59420	1.43456	10.5746	8.62158	9.02755
	17	1.56171	1.15854	0.991749	120.314	1.59701	1.43912	10.6154	8.62270	9.06043
	18	1.56922	1.15588	0.988045	120.783	1.61033	1.42924	10.6566	8.60274	9.03898
	21	1.56004	1.15919	0.996324	119.858	1.62010	1.43555	10.6117	8.62731	9.08868
	22	1.56439	1.15581	0.999291	120.411	1.62196	1.42625	10.6259	8.60163	9.04421
	23	1.55621	1.16248	0.998662	.	1.63091	1.42891	10.6712	8.64738	9.08893
	28	1.55402	1.16424	0.997835	120.639	1.60484	1.42985	10.8124	8.65898	9.12242
	29	1.55451	1.16565	0.995144	121.563	1.60053	1.42689	10.7922	8.66987	9.14972
	30	1.55156	1.15632	0.994075	121.099	1.58212	1.43007	10.7459	8.59964	8.96507
Dec	1	1.56040	1.15653	0.993246	121.212	1.58755	1.41996	10.6046	8.59653	9.00131
	2	1.56034	1.15487	0.994352	121.363	1.58608	1.42864	10.5441	8.58435	8.96869
	5	1.55705	1.15835	0.995818	121.450	1.57901	1.43529	10.4917	8.61267	8.94951
	6	1.55594	1.16167	0.995609	121.005	1.57415	1.43707	10.5364	8.63670	8.96346
	7	1.55454	1.16210	0.996304	120.819	1.57086	1.44277	10.4417	8.63968	8.94063
	8	1.55701	1.16108	0.991287	120.902	1.58706	1.43837	10.4637	8.63193	8.92180
	9	1.55728	1.16353	0.991070	121.000	1.58858	1.43332	10.5885	8.65082	8.93256
	12	1.54932	1.16921	0.992773	120.305	1.59193	1.44118	10.5276	8.69429	9.00463
	13	1.54762	1.17413	0.991179	120.622	1.59158	1.44672	10.6151	8.73157	9.05379
	14	1.53658	1.18262	0.991660	119.807	1.59897	1.45591	10.7167	8.79005	9.18434
	15	1.53669	1.18034	0.991414	119.969	1.58847	1.45063	10.7198	8.77247	9.16834
	16	1.53884	1.17792	0.991012	119.845	1.59854	1.44604	10.7123	8.75611	9.16590
	19	1.53804	1.17957	0.992024	119.798	1.59402	1.44037	10.6354	8.76639	9.13876
	20	1.54170	1.17921	0.986057	120.268	1.58564	1.43563	10.6541	8.76601	9.08942
	21	1.54314	1.18212	0.984271	120.164	1.58727	1.43867	10.5211	8.78773	9.16380
	22	1.54104	1.18114	0.982424	120.386	1.57401	1.44226	10.5623	8.78017	9.17036
	23	1.54175	1.18078	0.983381	.	1.57381	1.44292	10.5674	8.77778	9.18881
	27	1.54241	1.18021	.	120.185	.	1.44015	10.5584	8.77247	9.19912
	28	1.54257	1.17988	0.984349	120.028	1.57867	1.43876	10.5554	8.77339	9.20192
	29	1.53040	1.18737	0.995639	119.004	1.56254	1.44714	10.5994	8.82722	9.23063
	30	1.53527	1.18654	0.992989	119.321	.	1.44453	10.6293	8.82099	9.20039
2012 Jan	3	1.54293	1.18559	0.988357	.	1.55681	1.44017	.	8.81601	9.17053
	4	1.53968	1.18912	0.987225	118.032	1.56046	1.44483	10.4932	8.84236	9.15692
	5	1.53279	1.19450	0.987625	117.611	1.56298	1.45492	10.4985	8.88234	9.17684
	6	1.53013	1.19766	0.987313	118.111	1.56563	1.45607	.	8.90464	9.19151
	9	1.52900	1.20129	0.990158	.	1.57059	1.45561	10.5848	8.93232	9.19836
	10	1.52906	1.19383	0.988914	117.539	1.55413	1.45230	10.5692	8.87682	9.13935
	11	1.52519	1.19924	0.991218	117.318	1.55447	1.45640	10.5218	8.91790	9.17482
	12	1.52743	1.19930	0.995005	117.474	1.55767	1.44922	10.5990	8.91862	9.20700
	13	1.52850	1.19685	0.997188	117.373	1.56595	1.44703	10.5676	8.90044	9.20734

VI Global exchange rate arrangements and monetary policy framework *

As of end-April 2011

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 Zimbabwe	Kosovo Montenegro San Marino		Kiribati Tuvalu			
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 Lithuania ³		Brunei Darussalam			
Conventional peg	Aruba Bahamas Bahrain Barbados Belize Curaçao and Sint Maarten (southern part) Eritrea Jordan Oman Qatar Saudi Arabia Turkmenistan United Arab Emirates Venezuela, Bolivarian Republic of	Cape Verde Comoros Denmark ³ Latvia ³ Sao Tome and Principe WAEMU ⁵ Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo CAEMC ⁶ Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon	Fiji Kuwait Libya Morocco Samoa	Bhutan Lesotho Namibia Nepal Swaziland			
Stabilised arrangement	Cambodia Guyana Honduras Iraq Jamaica Lao People's Democratic Republic Lebanon Malawi ⁴ Maldives Suriname Trinidad and Tobago Viet Nam	Macedonia	Belarus Iran, Islamic Republic of Syrian Arab Republic Tunisia		Burundi ⁷ Pakistan ⁷ Tajikistan ⁷ Ukraine ^{4 7}		Azerbaijan ⁷ Bolivia ⁷ , Plurinational State of
Crawling peg	Nicaragua		Botswana		Uzbekistan ⁷		

VI Global exchange rate arrangements and monetary policy framework *

As of end-April 2011

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			
Crawl-like arrangement	Ethiopia Kazakhstan	Croatia			Argentina ⁴ ⁷ Bangladesh ⁷ Congo ⁷ , Democratic Republic of the China ⁷ Dominican Republic ⁴ ⁷ Rwanda ⁴ ⁷ Sri Lanka ⁴ ⁷		Egypt ⁴ ⁸ Haiti ⁴ ⁷
Pegged exchange rate within horizontal bands			Tonga				
Other managed arrangement	Angola Liberia Sudan ⁴		Algeria Singapore Vanuatu		Guinea Nigeria Paraguay Solomon Islands Yemen		Costa Rica Kyrgyzstan Malaysia Mauritania Myanmar Russian Federation
Floating					Afghanistan Gambia Kenya Madagascar Mongolia Mozambique Papua New Guinea Seychelles Sierra Leone Tanzania, United Republic of Uganda Zambia	Albania Armenia ⁸ Brazil Colombia Georgia ⁴ ⁹ Ghana Guatemala Hungary Iceland Indonesia Israel Korea, Republic of Mexico Moldova, Republic of Peru Philippines Romania Serbia South Africa Thailand Turkey Uruguay	India Mauritius
Free floating						Australia Canada Chile Czech Republic New Zealand Norway Poland Sweden United Kingdom	Japan Somalia Switzerland United States EMU Austria Belgium Cyprus Estonia Finland France Germany Greece Ireland Italy Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2011, Table 1, IMF, Washington. * See Explanatory notes, p 60. ¹ Includes countries that have no explicitly stated nominal anchor, but rather monitors 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 exchange rate arrangement was reclassified retroactively, overriding a previously published classification.

⁵ The member participates in the West African Economic and Monetary Union. ⁶ The member participates in the Central African Economic and Monetary Community. ⁷ The de facto monetary policy framework is an exchange rate anchor to the US dollar. ⁸ The de facto monetary policy framework is an exchange rate anchor to a composite. ⁹ The central bank has taken preliminary steps toward inflation targeting and is preparing for the transition to full-fledged inflation targeting.

VII ISO currency codes *

As of end-December 2011

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

* Extracted and compiled from ISO communications. ¹ See Explanatory notes on individual countries, pp 61–63.

VII ISO currency codes *

As of end-December 2011

ISO Code	Currency	Country ¹ or territory	ISO Code	Currency	Country ¹ or territory	ISO Code	Currency	Country ¹ or territory
MAD	Moroccan dirham	Morocco Western Sahara	SAR	Saudi riyal	Saudi Arabia	UYU	Uruguayan peso	Uruguay
MDL	Moldovan leu	Moldova, Republic of	SBD	Solomon Islands dollar	Solomon Islands	UZS	Uzbekistan sum	Uzbekistan
MGA	Ariary	Madagascar	SCR	Seychelles rupee	Seychelles	VEF	Bolívar fuerte	Venezuela, Bolivarian Republic of
MKD	Macedonian denar	Macedonia	SDG	Sudanese pound	Sudan	VND	Dong	Viet Nam
MMK	Kyat	Myanmar	SEK	Swedish krona	Sweden	VUV	Vatu	Vanuatu
MNT	Togrog	Mongolia	SGD	Singapore dollar	Singapore	SHP	Saint Helena pound	Saint Helena, Ascension and Tristan da Cunha
MOP	Pataca	Macao	SHP	Saint Helena pound	Saint Helena, Ascension and Tristan da Cunha	SLL	Leone	Sierra Leone
MRO	Ouguiya	Mauritania	SOS	Somali shilling	Somalia	SRD	Surinamese dollar	Suriname
MUR	Mauritian rupee	Mauritius	SSP	South Sudanese pound	South Sudan	STD	Dobra	Sao Tome and Principe
MVR	Rufiyaa	Maldives	SVC	El Salvador colón	El Salvador	SYP	Syrian pound	Syrian Arab Republic
MWK	Malawi kwacha	Malawi	SZL	Lilangeni	Swaziland	THB	Thai baht	Thailand
MXN	Mexican peso	Mexico	TJS	Somoni	Tajikistan	TMT	Turkmen manat	Turkmenistan
MYR	Malaysian ringgit	Malaysia	TND	Tunisian dinar	Tunisia	TOP	Pa'anga	Tonga
MZN	Metical	Mozambique	TRY	Turkish lira	Turkey	TTD	Trinidad and Tobago dollar	Trinidad and Tobago
NAD	Namibia dollar	Namibia	TTD	Trinidad and Tobago dollar	Trinidad and Tobago	TWD	New Taiwan dollar	China (Taiwan)
NGN	Naira	Nigeria	TZS	Tanzania shilling	Tanzania, United Republic of	UAH	Hryvnia	Ukraine
NIO	Córdoba	Nicaragua	UGX	Uganda shilling	Uganda	USD	US dollar	United States American Samoa Bonaire British Virgin Islands Ecuador El Salvador Guam Marshall Islands Micronesia, Federated States of Northern Mariana Islands Palau Panama Puerto Rico Saba Saint Eustatius Timor-Leste Turks and Caicos Islands Virgin Islands of the United States
NOK	Norwegian krone	Norway Spitzbergen/ Spitsbergen	USD	US dollar	United States American Samoa Bonaire British Virgin Islands Ecuador El Salvador Guam Marshall Islands Micronesia, Federated States of Northern Mariana Islands Palau Panama Puerto Rico Saba Saint Eustatius Timor-Leste Turks and Caicos Islands Virgin Islands of the United States	XCD	East Caribbean dollar	Anguilla Antigua and Barbuda Dominica Grenada Montserrat Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines
NPR	Nepalese rupee	Nepal	XOF	CFA franc	Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo	XPF	CFP franc	New Caledonia French Polynesia Wallis and Futuna (Islands)
NZD	New Zealand dollar	New Zealand Cook Islands Niue Pitcairn Islands Group Tokelau	YER	Yemeni rial	Yemen	ZAR	South African rand	South Africa Lesotho Namibia
OMR	Rial Omani	Oman	ZMK	Kwacha	Zambia	ZWL	Zimbabwe dollar	Zimbabwe ¹
PAB	Balboa	Panama	Memo item"			XAG	Silver	
PEN	Nuevo sol	Peru	XAU	Gold		XDR	Special drawing right	
PGK	Kina	Papua New Guinea	XPD	Palladium		XPT	Platinum	
PHP	Philippine peso	Philippines						
PKR	Pakistani rupee	Pakistan						
PLN	Polish zloty	Poland						
PYG	Guaraní	Paraguay						
QAR	Qatari riyal	Qatar						
RON	Romanian leu	Romania						
RSD	Serbian dinar	Serbia						
RUB	Russian rouble	Russian Federation						
RWF	Rwanda franc	Rwanda						

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

Council Regulation (EC) No 2866/98

of 31 December 1998 on the conversion rates between the euro and the currencies of the Member States adopting the euro (published in the Official Journal of the European Communities L 359 of 31 December 1998)

The Council of the European Union,

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

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

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

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

(3) Whereas according to Council Regulation (EC) No 1103/97 of 17 June 1997 on certain provisions relating to the introduction of the euro, every reference to the ECU in a legal instrument shall be replaced by a reference to

the euro at a rate of one euro to one ECU; whereas Article 109I(4), second sentence, of the Treaty, provides that the 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 Editorial note: in the wording of the Treaty of Maastricht of 7 February 1992.

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,

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

has adopted this Regulation:

Article 1

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

"= 340.750 Greek drachma".

Article 2

This Regulation shall enter into force on 1 January 2001.

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

Communiqué of the European Union of 27 June 2004

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

The central rate of the Lithuanian litas is set at

1 euro = 3.45280 litas.

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

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

...

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 Member 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,

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

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

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

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

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

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

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

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,

has adopted this Regulation:

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

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 adoption of the single currency and the derogation of Cyprus is abrogated with effect from 1 January 2008.

(4) The introduction of the euro in Cyprus requires the adoption of the conversion rate between the euro and

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

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

has adopted this Regulation:

Article 1

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

"= 0.585274 Cyprus pounds".

Article 2

This Regulation shall enter into force on 1 January 2008.

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

Council Regulation (EC) No 694/2008

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

The Council of the European Union,

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

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

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

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

(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 51-56). On 1 January 2001, Greece joined the European Monetary Union, followed by Slovenia on 1 January 2007, Cyprus and Malta on 1 January 2008, Slovakia on 1 January 2009 and Estonia on 1 January 2011 (for details, see Table I 1, p 7).

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

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

■ Effective exchange rates of the euro

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

The table entitled "Overall trade weights used in the calculation of the effective exchange rates (EER) of the euro" on page 58 shows trading partners' membership of the EER-12, EER-20 and EER-40 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.

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.

For further information on the calculation method, see the ECB's methodological notes relating to the daily nominal effective exchange rate of the euro and 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, May 2008, p 40 and November 2010, pp 42-43).

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

The selected industrialised countries in the group of 24 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-20 group. The group of 56 countries consist of the euro-area countries as well as the EER-40 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

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

Figures in %

As of January 2011

Trading partner	Calculation period for weights											
	EER-12 ^{o)}				EER-20				EER-40 ^{o)}			
	1995 to 1997	1998 to 2000	2001 to 2003	2004 to 2006	1995 to 1997	1998 to 2000	2001 to 2003	2004 to 2006	1995 to 1997	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-40 group									100.0	100.0	100.0	100.0
EER-20 group					100.0	100.0	100.0	100.0	.	.	.	.
EER-12 group	100.0	100.0	100.0	100.0	.	.	.	.	.	.	.	.
Australia	.	.	.	.	1.0	0.9	0.9	0.9	.	.	.	.
Canada	.	.	.	.	1.8	1.9	1.9	1.8	.	.	.	.
Denmark	.	.	.	.	3.1	2.8	2.8	2.7	.	.	.	.
Hong Kong	.	.	.	.	2.4	2.1	1.9	1.8	.	.	.	.
Japan	.	.	.	.	11.9	10.8	9.3	8.3	.	.	.	.
Korea, Republic of	.	.	.	.	3.4	3.2	3.4	3.9	.	.	.	.
Norway	.	.	.	.	1.6	1.4	1.3	1.3	.	.	.	.
Singapore	.	.	.	.	2.2	1.9	1.7	1.7	.	.	.	.
Sweden	.	.	.	.	5.7	5.2	4.7	5.0	.	.	.	.
Switzerland	.	.	.	.	8.2	7.2	6.9	6.5	.	.	.	.
United Kingdom	.	.	.	.	22.6	21.6	20.4	17.8	.	.	.	.
United States	.	.	.	.	21.6	24.0	22.7	19.2	.	.	.	.
Additional countries in the EER-20 group					.	.	.	.	.	.	.	.
Bulgaria					0.3	0.4	0.4	0.5	.	.	.	.
China					5.4	6.4	9.2	14.1	.	.	.	.
Czech Republic					2.7	2.9	3.6	4.2	.	.	.	.
Hungary					1.9	2.6	3.0	3.2	.	.	.	.
Latvia					0.1	0.1	0.2	0.2	.	.	.	.
Lithuania					0.2	0.2	0.3	0.4	.	.	.	.
Poland					2.9	3.4	4.0	4.8	.	.	.	.
Romania					0.9	1.0	1.4	1.7	.	.	.	.
Additional countries in the EER-40 group									.	.	.	.
Algeria									.	.	.	.
Argentina									.	.	.	.
Brazil									.	.	.	.
Chile									.	.	.	.
China (Taiwan)									.	.	.	.
Croatia									.	.	.	.
Iceland									.	.	.	.
India									.	.	.	.
Indonesia									.	.	.	.
Israel									.	.	.	.
Malaysia									.	.	.	.
Mexico									.	.	.	.
Morocco									.	.	.	.
New Zealand									.	.	.	.
Philippines									.	.	.	.
Russian Federation									.	.	.	.
South Africa									.	.	.	.
Thailand									.	.	.	.
Turkey									.	.	.	.
Venezuela, Bolivarian Republic of									.	.	.	.

^{o)} Individual weights have not yet been published by the ECB.

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 list of countries for foreign trade and payments statistics of the Federal Republic of Germany, which can be found on the Deutsche Bundesbank's website under Reporting System / External sector statistics / Code lists.

Value of the special drawing right

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

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

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

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

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

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

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

The SDR is used by the IMF as the unit of account for its transactions and for all conversions into national currencies. In addition, the SDR is used by public and private organisations in Germany and abroad, *inter alia*, as the

“successor” to those units of account which had hitherto been defined in terms of gold (eg gold francs).

Global exchange rate arrangements and monetary policy framework

The overview of the exchange rate arrangements and monetary policy framework as at the end of April 2011 (see Table VI, pp 46-47) is based on the IMF's *Annual Report on Exchange Arrangements and Exchange Restrictions 2011*, 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-determined 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.

Belarus

The Belarusian rouble was devalued on 21 October 2011.

We recorded the last exchange rates before and the first after the devaluation as follows:

20 October 2011	USD 1 =	BYR 5,712.00
	EUR 1 =	BYR 7,892.84

21 October 2011	USD 1 =	BYR 8,680.00
	EUR 1 =	BYR 11,900.00

Calculated using these exchange rates, the Belarusian rouble experienced a devaluation of 34.2% against the US dollar and 33.7% against the euro.

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 an accepted means of payment in some tourist centres.

El Salvador

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

Equatorial Guinea

See Explanatory notes on Cameroon.

Gabon

See Explanatory notes on Cameroon.

Guinea-Bissau

See Explanatory notes on Benin.

India

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

Iran, Islamic Republic of

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

Kenya

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

Kiribati

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

Lesotho

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

Liberia

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

Macao

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

Macedonia

On 8 April 1993, Macedonia was admitted to the United Nations under the temporary designation "Former Yugoslav 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.

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 exchange rates have been available for the Somali shilling.

South Sudan

No exchange rates have been available for the South Sudanese pound.

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

In addition to the regulated purchase of foreign currency via the official market in the context of an approval procedure, a parallel market exists (SITME¹). Those who are not taken into consideration in the official market can acquire foreign currency there via the limited purchase of government dollar-denominated bonds and their sale abroad.

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.

¹ Sistema de Transacciones con Títulos en Moneda Extranjera.