



Exchange rate statistics

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Statistical Supplement 5
to the Monthly Report

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

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

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Abbreviations and symbols

CU	Currency unit(s)
EC	European Community
ECB	European Central Bank
ECU	European Currency Unit
EER	Effective exchange rate
EMU	European Monetary Union
ERM	Exchange Rate Mechanism
EU	European Union
IMF	International Monetary Fund
ISO	International Organization for Standardization
SDR	Special drawing right
SITC	Standard International Trade Classification
SWIFT	Society for Worldwide Interbank Financial Telecommunication

B	Buying rate
M	Middle rate
S	Selling rate
V	Calculated value

e	Estimated
p	Provisional
r	Revised
.	Data unknown, not to be published or not meaningful
–	Nil

Discrepancies in the totals are due to rounding.

I Euro area and exchange rate stability convergence criterion

1 Euro-area member states 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
Period		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
2012 Dec	3	1.9558	25.256	7.4602	281.89	0.6963	3.4528	4.1116	4.5234	8.6558
	4	1.9558	25.243	7.4604	282.39	0.6964	3.4528	4.1291	4.5343	8.6265
	5	1.9558	25.218	7.4599	282.62	0.6965	3.4528	4.1198	4.5445	8.6510
	6	1.9558	25.195	7.4592	283.48	0.6963	3.4528	4.1340	4.5418	8.6294
	7	1.9558	25.208	7.4590	283.96	0.6964	3.4528	4.1312	4.5385	8.6180
	10	1.9558	25.245	7.4591	283.51	0.6963	3.4528	4.1235	4.5375	8.6336
	11	1.9558	25.290	7.4593	282.14	0.6961	3.4528	4.0921	4.5443	8.6449
	12	1.9558	25.265	7.4604	282.33	0.6961	3.4528	4.0969	4.5268	8.6275
	13	1.9558	25.289	7.4610	283.50	0.6962	3.4528	4.0933	4.4915	8.7215
	14	1.9558	25.231	7.4613	283.76	0.6963	3.4528	4.0861	4.4720	8.7743
	17	1.9558	25.222	7.4613	287.19	0.6963	3.4528	4.0890	4.4647	8.7540
	18	1.9558	25.200	7.4603	288.40	0.6961	3.4528	4.0928	4.4700	8.7378
	19	1.9558	25.254	7.4608	286.81	0.6963	3.4528	4.0736	4.4755	8.6662
	20	1.9558	25.228	7.4612	286.13	0.6963	3.4528	4.0730	4.4743	8.6349
	21	1.9558	25.189	7.4612	287.20	0.6964	3.4528	4.0645	4.4473	8.5945
	24	1.9558	25.127	7.4616	290.19	0.6965	3.4528	4.0816	4.4181	8.6323
	27	1.9558	25.115	7.4602	291.43	0.6971	3.4528	4.0688	4.4215	8.6273
	28	1.9558	25.140	7.4604	290.79	0.6978	3.4528	4.0809	4.4385	8.5615
	31	1.9558	25.151	7.4610	292.30	0.6977	3.4528	4.0740	4.4445	8.5820
2013 Jan	2	1.9558	25.218	7.4602	291.71	0.6981	3.4528	4.0727	4.4363	8.5704
	3	1.9558	25.260	7.4599	291.09	0.6977	3.4528	4.0884	4.4203	8.5398
	4	1.9558	25.355	7.4591	290.95	0.6973	3.4528	4.1165	4.4276	8.5310
	7	1.9558	25.539	7.4597	291.57	0.6975	3.4528	4.1193	4.4223	8.5144
	8	1.9558	25.587	7.4603	292.70	0.6969	3.4528	4.1245	4.4110	8.5766
	9	1.9558	25.529	7.4606	290.66	0.6968	3.4528	4.1090	4.4088	8.5954
	10	1.9558	25.629	7.4607	291.59	0.6966	3.4528	4.0888	4.3757	8.5666
	11	1.9558	25.613	7.4611	296.56	0.6975	3.4528	4.1000	4.3792	8.6248
	14	1.9558	25.613	7.4626	297.08	0.6973	3.4528	4.1200	4.3848	8.6178
	15	1.9558	25.613	7.4625	294.72	0.6972	3.4528	4.1200	4.3905	8.6338
	16	1.9558	25.580	7.4624	294.99	0.6976	3.4528	4.1312	4.3388	8.6341
	17	1.9558	25.546	7.4626	293.58	0.6977	3.4528	4.1203	4.3279	8.6430
	18	1.9558	25.635	7.4631	292.74	0.6975	3.4528	4.1455	4.3398	8.6642
	21	1.9558	25.626	7.4633	292.55	0.6976	3.4528	4.1699	4.3603	8.6936
	22	1.9558	25.613	7.4636	294.32	0.6978	3.4528	4.1737	4.3572	8.6909
	23	1.9558	25.597	7.4629	294.57	0.6979	3.4528	4.1638	4.3755	8.6909
	24	1.9558	25.597	7.4620	294.90	0.6985	3.4528	4.1909	4.3685	8.6879
	25	1.9558	25.605	7.4626	297.89	0.6987	3.4528	4.1769	4.3633	8.6889
	28	1.9558	25.690	7.4605	298.40	0.6987	3.4528	4.1989	4.3963	8.6583
	29	1.9558	25.659	7.4595	297.40	0.6991	3.4528	4.2090	4.3835	8.6110
	30	1.9558	25.652	7.4609	296.08	0.6991	3.4528	4.1988	4.3848	8.6117
	31	1.9558	25.619	7.4613	292.27	0.6995	3.4528	4.1945	4.3843	8.6325
Feb	1	1.9558	25.638	7.4602	292.37	0.7003	3.4528	4.1792	4.3750	8.6022
	4	1.9558	25.669	7.4599	293.23	0.7003	3.4528	4.1640	4.3720	8.5823
	5	1.9558	25.647	7.4595	292.33	0.6999	3.4528	4.1815	4.3767	8.5632
	6	1.9558	25.732	7.4597	294.23	0.6999	3.4528	4.1868	4.3895	8.5895
	7	1.9558	25.275	7.4605	294.35	0.6998	3.4528	4.1885	4.4103	8.6339
	8	1.9558	25.243	7.4603	292.22	0.6996	3.4528	4.1592	4.3970	8.5950
	11	1.9558	25.240	7.4617	291.72	0.6995	3.4528	4.1537	4.4003	8.5754
	12	1.9558	25.315	7.4615	291.28	0.6998	3.4528	4.1760	4.4075	8.5701
	13	1.9558	25.423	7.4616	289.10	0.6997	3.4528	4.1718	4.3868	8.4768
	14	1.9558	25.383	7.4604	292.52	0.6997	3.4528	4.1765	4.3871	8.4492
	15	1.9558	25.386	7.4589	292.38	0.6996	3.4528	4.1906	4.3885	8.4557
	18	1.9558	25.388	7.4596	291.97	0.6995	3.4528	4.1891	4.3861	8.4598
	19	1.9558	25.434	7.4599	290.79	0.6997	3.4528	4.1679	4.3786	8.4483
	20	1.9558	25.393	7.4604	291.31	0.6997	3.4528	4.1569	4.3785	8.4297
	21	1.9558	25.496	7.4596	292.47	0.6997	3.4528	4.1735	4.3795	8.4615
	22	1.9558	25.492	7.4596	292.55	0.6997	3.4528	4.1539	4.3784	8.4572
	25	1.9558	25.520	7.4614	293.54	0.6999	3.4528	4.1470	4.3773	8.4740
	26	1.9558	25.561	7.4589	294.93	0.6996	3.4528	4.1678	4.3780	8.4594
	27	1.9558	25.637	7.4566	295.55	0.7006	3.4528	4.1648	4.3712	8.4352
	28	1.9558	25.637	7.4560	295.80	0.7007	3.4528	4.1515	4.3588	8.4475
Mar	1	1.9558	25.677	7.4562	295.23	0.7006	3.4528	4.1477	4.3640	8.3660
	4	1.9558	25.660	7.4555	296.71	0.7004	3.4528	4.1398	4.3650	8.3801
	5	1.9558	25.629	7.4557	298.87	0.7010	3.4528	4.1310	4.3635	8.3384
	6	1.9558	25.565	7.4556	298.55	0.7008	3.4528	4.1495	4.3578	8.3159
	7	1.9558	25.510	7.4546	299.50	0.7005	3.4528	4.1512	4.3550	8.2940
	8	1.9558	25.443	7.4573	297.64	0.7010	3.4528	4.1380	4.3587	8.3239
	11	1.9558	25.542	7.4569	303.40	0.7008	3.4528	4.1472	4.3718	8.3260

* 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		
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		Period
0.81210	1.2517	2.7477	1.2964	8.1328	7.5320	10.1193	–	71.5220		2012 Dec 3
0.81230	1.2497	2.7575	1.3013	8.1506	7.5265	10.1463	–	71.5710		4
0.81190	1.2483	2.7511	1.2960	8.1395	7.5200	10.1255	–	71.2780		5
0.81135	1.2456	2.7199	1.2961	8.1439	7.5320	10.1308	–	70.7690		6
0.80610	1.2318	2.6860	1.2806	8.0358	7.5238	10.0015	–	70.3000		7
0.80440	1.2318	2.6877	1.2761	8.0684	7.5263	10.0208	–	70.4750		10
0.80740	1.2381	2.6951	1.2820	8.1157	7.5245	10.0697	–	70.5130		11
0.80775	1.2358	2.7112	1.2850	8.1480	7.5225	10.1061	–	70.7490		12
0.81005	1.2391	2.7126	1.2852	8.1849	7.5185	10.1348	–	70.9473		13
0.81150	1.2429	2.7244	1.2878	8.1704	7.5230	10.1378	–	71.2800		14
0.81200	1.2494	2.7501	1.2990	8.2105	7.5335	10.1991	–	72.2160		17
0.81280	1.2512	2.7595	1.2972	8.2079	7.5380	10.2131	–	72.2880		18
0.81610	1.2667	2.7678	1.3126	8.2902	7.5355	10.3092	–	72.5690		19
0.81460	1.2632	2.7308	1.3106	8.2554	7.5333	10.2657	–	72.6740		20
0.81420	1.2662	2.7360	1.3090	8.2311	7.5370	10.2371	–	72.7490		21
0.81750	1.2715	2.7487	1.3124	8.2394	7.5440	10.2447	–	72.6400		24
0.81990	1.2782	2.7186	1.3156	8.2740	7.5558	10.2834	–	72.9130		27
0.81695	1.2692	2.6928	1.3122	8.2172	7.5500	10.2191	–	72.1835		28
0.81610	1.2712	2.7036	1.3137	8.2207	7.5575	10.2260	–	72.5600		31
0.81400	1.2637	2.7070	1.3060	8.2663	7.5625	10.2791	–	72.0300		2013 Jan 2
0.81075	1.2471	2.6828	1.2923	8.1703	7.5665	10.1558	–	71.4120		3
0.81230	1.2494	2.6595	1.2897	8.1073	7.5755	10.0864	–	71.6640		4
0.81170	1.2421	2.6473	1.2871	8.1230	7.5685	10.1065	–	72.0080		7
0.81450	1.2466	2.6483	1.2899	8.1462	7.5725	10.1435	–	72.0580		8
0.81505	1.2419	2.6601	1.2893	8.1288	7.5715	10.1206	–	71.4880		9
0.81720	1.2403	2.6720	1.2928	8.1630	7.5720	10.1645	–	71.6671		10
0.82320	1.2561	2.7013	1.3060	8.2523	7.5735	10.2900	–	72.6880		11
0.83120	1.2632	2.7147	1.3158	8.2985	7.5680	10.3423	–	72.7080		14
0.83025	1.2653	2.7157	1.3142	8.2837	7.5605	10.3323	–	72.7990		15
0.83010	1.2593	2.7082	1.3102	8.2552	7.5605	10.2934	–	72.8040		16
0.83410	1.2694	2.7294	1.3193	8.3165	7.5635	10.3637	–	72.7090		17
0.83720	1.2674	2.7230	1.3192	8.2879	7.5638	10.3296	–	71.7440		18
0.83900	1.2665	2.7197	1.3230	8.2892	7.5815	10.3296	–	71.6180		21
0.83965	1.2613	2.7279	1.3242	8.2840	7.5833	10.3244	–	71.5390		22
0.84070	1.2635	2.7205	1.3222	8.2891	7.5790	10.3351	–	71.4590		23
0.84390	1.2737	2.7171	1.3374	8.3069	7.5743	10.3497	–	71.7580		24
0.85140	1.2917	2.7339	1.3553	8.3790	7.5813	10.4440	–	72.4630		25
0.85450	1.2930	2.7361	1.3562	8.3717	7.5878	10.4295	–	72.4830		28
0.85360	1.2860	2.6773	1.3510	8.3659	7.5870	10.4223	–	72.1960		29
0.85830	1.2996	2.6929	1.3573	8.4239	7.5940	10.5063	–	72.1600		30
0.85700	1.3009	2.6892	1.3577	8.4267	7.5940	10.5106	–	72.1200		31
0.86170	1.3132	2.7089	1.3637	8.4965	7.5915	10.5847	–	72.5830		Feb 1
0.86190	1.2990	2.6975	1.3509	8.4482	7.5915	10.5081	–	72.1980		4
0.85990	1.3030	2.6934	1.3511	8.4341	7.5910	10.4965	–	71.9290		5
0.86310	1.3109	2.6869	1.3493	8.4238	7.5865	10.4814	–	71.8490		6
0.86240	1.3135	2.6881	1.3488	8.4420	7.5790	10.5067	–	72.1800		7
0.84635	1.2942	2.6188	1.3361	8.3392	7.5790	10.3723	–	71.5580		8
0.85350	1.3029	2.6429	1.3494	8.3458	7.5765	10.3847	–	72.1170		11
0.86150	1.3107	2.6506	1.3512	8.3771	7.5795	10.4218	–	72.3441		12
0.86600	1.3036	2.6569	1.3518	8.4014	7.5840	10.4550	–	72.5480		13
0.85940	1.2879	2.6220	1.3343	8.3062	7.5863	10.3352	–	71.8730		14
0.86040	1.2895	2.6075	1.3360	8.3044	7.5860	10.3330	–	72.3550		15
0.86190	1.2946	2.6279	1.3439	8.3391	7.5863	10.3538	–	72.5080		18
0.86310	1.2905	2.6169	1.3504	8.3356	7.5890	10.3517	–	72.5450		19
0.87330	1.2961	2.6145	1.3567	8.3401	7.5915	10.3678	–	72.3010		20
0.86420	1.2859	2.5935	1.3437	8.2274	7.5905	10.2267	–	72.0020		21
0.86205	1.2763	2.5939	1.3458	8.2289	7.5887	10.2277	–	71.5370		22
0.87890	1.2897	2.6142	1.3602	8.2982	7.5885	10.3191	–	71.6090		25
0.86330	1.2763	2.5922	1.3418	8.1481	7.5925	10.1467	–	70.7400		26
0.86405	1.2842	2.5950	1.3434	8.1563	7.5928	10.1604	–	70.5210		27
0.86300	1.2809	2.5871	1.3461	8.1720	7.5855	10.1830	–	71.3860		28
0.86470	1.2741	2.5825	1.3437	8.0908	7.5912	10.0829	–	71.3880		Mar 1
0.86400	1.2821	2.5809	1.3380	8.0979	7.5955	10.0878	–	71.3630		4
0.85980	1.2735	2.5680	1.3379	8.1065	7.5930	10.1096	–	71.5110		5
0.86440	1.2670	2.5631	1.3408	8.1066	7.5928	10.1099	–	71.3700		6
0.86500	1.2685	2.5612	1.3422	8.0926	7.5905	10.0920	–	71.0510		7
0.87100	1.2738	2.5578	1.3470	8.1413	7.5908	10.1525	–	71.1770		8
0.87335	1.2702	2.5283	1.3357	8.0803	7.5875	10.0797	–	70.7040		11

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	
2012 Dec	3	12,534.89	4.9758	107.36	1,413.94	3.9727	16.8362	1.5891	7.3490	
	4	12,580.93	4.9957	107.28	1,419.25	3.9830	16.9802	1.5866	7.3465	
	5	12,582.01	4.9672	107.31	1,414.07	3.9735	16.9098	1.5826	7.3560	
	6	12,591.79	4.9849	107.66	1,417.21	3.9845	16.8684	1.5693	7.3360	
	7	12,417.98	4.9491	106.19	1,397.67	3.9434	16.6145	1.5506	7.3305	
	10	12,452.80	4.9504	106.23	1,394.66	3.9583	16.5673	1.5501	7.3250	
	11	12,519.24	4.9480	107.11	1,397.72	3.9720	16.6090	1.5515	7.3375	
	12	12,558.82	4.9320	108.12	1,400.12	3.9792	16.6319	1.5504	7.3295	
	13	12,598.62	4.9420	109.18	1,404.42	3.9946	16.6630	1.5476	7.3325	
	14	12,609.02	4.9687	109.55	1,406.04	3.9982	16.7345	1.5564	7.3715	
	17	12,686.72	4.9732	110.39	1,411.50	4.0264	16.8182	1.5604	7.3705	
	18	12,707.71	4.9615	110.53	1,413.30	4.0236	16.7795	1.5660	7.3850	
	19	12,836.19	4.9814	112.36	1,426.11	4.0618	16.8993	1.5889	7.3755	
	20	12,786.61	4.9654	111.52	1,423.62	4.0473	16.9287	1.5882	7.3645	
	21	12,758.09	4.9480	110.99	1,421.45	4.0430	17.0072	1.6029	7.3155	
	24	12,762.86	4.9510	111.64	1,419.69	4.0511	17.0977	1.6071	7.3695	
	27	12,820.43	4.9436	113.87	1,422.42	4.0598	17.1939	1.6183	7.3760	
	28	12,705.29	4.9194	113.50	1,407.37	4.0357	17.1386	1.6053	7.3375	
	31	12,713.97	4.9258	113.61	1,406.23	4.0347	17.1845	1.6045	7.3483	
	2013 Jan	2	12,953.91	4.9244	115.38	1,409.05	4.0255	16.9319	1.5859	7.3175
		3	12,648.62	4.9113	113.93	1,392.21	3.9719	16.7293	1.5728	7.2915
		4	12,569.59	4.9200	114.96	1,384.67	3.9657	16.6586	1.5806	7.2990
		7	12,605.28	4.9451	114.48	1,386.29	3.9684	16.5971	1.5614	7.3060
		8	12,655.08	4.9333	114.56	1,390.63	3.9817	16.6881	1.5660	7.3255
		9	12,612.58	4.9402	114.34	1,385.33	3.9682	16.6719	1.5579	7.3250
		10	12,668.61	4.9549	115.76	1,389.38	3.9727	16.6112	1.5550	7.2980
		11	12,789.62	4.9700	118.18	1,401.12	4.0101	16.7598	1.5801	7.3490
		14	12,855.87	4.9781	119.10	1,409.49	4.0250	16.9097	1.5860	7.3625
		15	12,854.28	4.9756	118.04	1,408.36	4.0114	16.8880	1.5886	7.3995
		16	12,820.16	4.9540	117.06	1,406.90	4.0090	16.8084	1.5826	7.4200
		17	12,899.64	4.9718	119.32	1,412.54	4.0311	16.8504	1.5921	7.4055
18		12,831.19	4.9653	119.87	1,410.28	4.0140	16.7882	1.5931	7.4600	
21		12,812.25	4.9778	119.37	1,417.64	4.0434	16.9175	1.5925	7.4440	
22		12,823.79	4.9837	118.18	1,416.26	4.0517	16.9153	1.5837	7.4420	
23		12,832.90	4.9662	117.98	1,421.90	4.0569	16.8538	1.5827	7.4015	
24		12,847.94	4.9611	119.73	1,426.70	4.0682	16.9385	1.5881	7.4135	
25		12,999.31	5.0023	122.71	1,451.15	4.1114	17.0448	1.6099	7.4240	
28		13,011.59	5.0091	122.21	1,466.53	4.0950	17.1653	1.6210	7.4420	
29		13,003.25	5.0049	121.52	1,458.03	4.1421	17.1112	1.6072	7.4110	
30		13,199.01	5.0531	123.55	1,472.56	4.1756	17.2154	1.6262	7.4350	
31	13,141.28	5.0517	123.32	1,472.10	4.2086	17.2173	1.6164	7.4350		
Feb	1	13,251.54	5.0492	125.78	1,493.94	4.2452	17.3704	1.6191	7.4275	
	4	13,112.82	4.9990	125.63	1,478.02	4.2080	17.1751	1.6002	7.4275	
	5	13,094.58	4.9988	126.33	1,472.49	4.1908	17.1341	1.6074	7.4140	
	6	13,117.76	4.9957	126.48	1,474.24	4.1864	17.1056	1.6061	7.4230	
	7	13,144.55	4.9937	126.88	1,479.03	4.2002	17.1761	1.6241	7.4350	
	8	12,932.08	4.9436	123.52	1,461.80	4.1435	17.0465	1.5962	7.3910	
	11	12,869.99	4.9572	125.12	1,464.81	4.1492	17.0970	1.6081	7.3795	
	12	12,960.47	4.9670	126.60	1,469.16	4.1657	17.1363	1.6081	7.3870	
	13	13,001.89	4.9672	125.95	1,464.91	4.1659	17.0794	1.6022	7.3710	
	14	12,873.40	4.9036	124.39	1,445.93	4.1170	16.9523	1.5715	7.3605	
	15	12,885.30	4.9120	124.03	1,440.15	4.1228	16.9221	1.5703	7.3945	
	18	12,923.07	4.9109	125.24	1,446.43	4.1384	16.9444	1.5797	7.4070	
	19	12,956.12	4.9182	124.81	1,442.08	4.1440	16.9185	1.5803	7.4170	
	20	12,940.94	4.8978	125.09	1,442.83	4.1400	16.9117	1.5972	7.4065	
21	12,807.01	4.8450	122.85	1,435.48	4.0975	16.8313	1.5796	7.4755		
22	12,799.65	4.8907	122.98	1,431.09	4.0896	16.7762	1.5736	7.4670		
25	12,911.54	4.9411	125.00	1,443.50	4.1219	16.8455	1.5832	7.4675		
26	12,694.71	4.8798	120.20	1,425.53	4.0566	16.7459	1.5805	7.4595		
27	12,695.41	4.8811	120.06	1,421.31	4.0610	16.8211	1.5895	7.4670		
28	12,702.12	4.8670	121.07	1,423.71	4.0617	16.7554	1.5810	7.4870		
Mar	1	12,601.05	4.8488	120.53	1,415.56	4.0262	16.7042	1.5759	7.4855	
	4	12,636.45	4.8523	121.67	1,419.30	4.0413	16.6451	1.5818	7.4455	
	5	12,642.74	4.8686	121.45	1,418.70	4.0440	16.6001	1.5763	7.4400	
	6	12,638.96	4.8582	121.85	1,412.69	4.0497	16.5647	1.5630	7.4250	
	7	12,612.44	4.8481	122.80	1,415.45	4.0430	16.6541	1.5704	7.4165	
	8	12,676.07	4.8163	125.50	1,427.23	4.0658	16.6598	1.5789	7.4435	
	11	12,597.20	4.7931	124.91	1,426.40	4.0414	16.3724	1.5813	7.4385	

* 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	
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	Period
53.445	40.3751	1.5911	11.5385	1.2087	40.020	2.3329	1.3057	2012 Dec 3
53.449	40.3515	1.5941	11.5504	1.2136	40.179	2.3367	1.3092	4
53.378	40.2670	1.5921	11.4554	1.2128	40.083	2.3350	1.3065	5
53.525	40.3332	1.5936	11.4205	1.2114	40.079	2.3388	1.3072	6
52.876	39.9503	1.5757	11.2242	1.2077	39.593	2.3118	1.2905	7
52.908	39.7440	1.5795	11.2365	1.2068	39.630	2.3167	1.2930	10
53.091	39.8650	1.5868	11.2800	1.2115	39.785	2.3173	1.2993	11
53.502	39.9645	1.5926	11.3109	1.2109	39.928	2.3198	1.3040	12
53.727	40.0900	1.5962	11.3015	1.2090	40.081	2.3280	1.3077	13
53.734	40.2507	1.5980	11.3300	1.2089	40.067	2.3306	1.3081	14
54.048	40.5650	1.6062	11.2502	1.2082	40.270	2.3472	1.3160	17
54.068	40.6850	1.6053	11.2733	1.2080	40.285	2.3476	1.3178	18
54.493	40.7900	1.6212	11.2696	1.2096	40.717	2.3682	1.3302	19
54.424	40.6570	1.6148	11.2790	1.2079	40.559	2.3670	1.3246	20
54.300	40.5950	1.6126	11.3067	1.2077	40.459	2.3709	1.3209	21
54.362	40.5030	1.6129	11.3420	1.2070	40.460	2.3769	1.3218	24
54.589	40.3706	1.6212	11.2774	1.2082	40.660	2.3757	1.3266	27
54.098	40.2300	1.6124	11.2211	1.2080	40.353	2.3584	1.3183	28
54.107	40.3295	1.6111	11.1727	1.2072	40.347	2.3551	1.3194	31
54.105	40.0340	1.6184	11.2388	1.2090	40.237	2.3594	1.3262	2013 Jan 2
53.411	39.6990	1.6019	11.2507	1.2090	39.791	2.3354	1.3102	3
53.240	39.6560	1.6014	11.2597	1.2092	39.700	2.3287	1.3012	4
53.308	39.6909	1.6035	11.2074	1.2087	39.691	2.3239	1.3039	7
53.401	39.6090	1.6080	11.2239	1.2092	39.834	2.3281	1.3086	8
53.302	39.7070	1.6028	11.2095	1.2089	39.651	2.3212	1.3056	9
53.227	39.7292	1.6059	11.3378	1.2104	39.732	2.3275	1.3113	10
53.950	40.2307	1.6270	11.5471	1.2157	40.180	2.3489	1.3274	11
54.227	40.3530	1.6367	11.6094	1.2243	40.343	2.3622	1.3341	14
54.101	40.3430	1.6332	11.6870	1.2358	40.008	2.3623	1.3327	15
53.989	40.3750	1.6254	11.7330	1.2359	39.645	2.3500	1.3277	16
54.308	40.4566	1.6360	11.7323	1.2453	39.797	2.3499	1.3368	17
54.107	40.3426	1.6339	11.8544	1.2446	39.626	2.3460	1.3324	18
54.230	40.3000	1.6375	11.8266	1.2421	39.623	2.3500	1.3323	21
54.096	40.2588	1.6344	11.7943	1.2383	39.605	2.3593	1.3317	22
54.201	40.2314	1.6347	11.9650	1.2385	39.710	2.3591	1.3330	23
54.205	40.2012	1.6393	12.0664	1.2417	39.780	2.3661	1.3349	24
54.821	40.4430	1.6586	12.1300	1.2444	40.304	2.3787	1.3469	25
55.091	40.5020	1.6646	12.0906	1.2472	40.278	2.3734	1.3444	28
54.836	40.4900	1.6629	12.1785	1.2416	40.098	2.3805	1.3433	29
55.044	40.6344	1.6737	12.2576	1.2392	40.284	2.3959	1.3541	30
55.116	40.7765	1.6768	12.1048	1.2342	40.420	2.3876	1.3550	31
55.502	40.9094	1.6934	12.2120	1.2351	40.659	2.3936	1.3644	Feb 1
55.000	40.6490	1.6781	12.1188	1.2350	40.344	2.3790	1.3552	4
55.022	40.6480	1.6762	12.0170	1.2299	40.273	2.3837	1.3537	5
54.973	40.5934	1.6730	12.0593	1.2348	40.267	2.3858	1.3517	6
55.058	40.6910	1.6775	12.0740	1.2312	40.340	2.3940	1.3546	7
54.431	40.3840	1.6553	11.9361	1.2282	39.841	2.3707	1.3374	8
54.535	40.4000	1.6599	11.9345	1.2294	39.972	2.3744	1.3391	11
54.733	40.4400	1.6714	12.0666	1.2328	40.139	2.3859	1.3438	12
54.820	40.4920	1.6696	11.9221	1.2365	40.197	2.3788	1.3480	13
54.251	40.1712	1.6491	11.8588	1.2293	39.728	2.3605	1.3327	14
54.159	40.1550	1.6487	11.7457	1.2303	39.802	2.3572	1.3325	15
54.183	40.2300	1.6539	11.7906	1.2332	39.909	2.3587	1.3352	18
54.266	40.2100	1.6530	11.8713	1.2332	39.873	2.3720	1.3349	19
54.426	40.2302	1.6540	11.8659	1.2347	39.869	2.3792	1.3370	20
53.829	40.0680	1.6344	11.7640	1.2290	39.373	2.3656	1.3186	21
53.717	40.0600	1.6320	11.6984	1.2272	39.347	2.3639	1.3186	22
54.092	40.2350	1.6454	11.7421	1.2305	39.673	2.3879	1.3304	25
53.373	40.0105	1.6209	11.5378	1.2167	39.009	2.3637	1.3077	26
53.307	40.0240	1.6225	11.6220	1.2177	39.081	2.3640	1.3097	27
53.427	40.0833	1.6237	11.7550	1.2209	39.085	2.3580	1.3129	28
52.867	39.9750	1.6120	11.8092	1.2245	38.727	2.3457	1.3000	Mar 1
53.085	39.9987	1.6212	11.8202	1.2256	38.800	2.3444	1.3007	4
53.115	40.0300	1.6244	11.8214	1.2277	38.841	2.3391	1.3034	5
53.067	39.9850	1.6244	11.7980	1.2301	38.792	2.3365	1.3035	6
53.020	40.0300	1.6229	11.9340	1.2318	38.705	2.3407	1.3010	7
53.221	40.1213	1.6317	11.8996	1.2355	38.903	2.3490	1.3090	8
52.938	40.0015	1.6236	11.8990	1.2360	38.631	2.3438	1.2994	11

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
2008 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
2012 Jan	1.9558	25.531	7.4353	307.33	0.6990	3.4528	4.3760	4.3417	8.8503	0.83210	1.2405	2.3084
Feb	1.9558	25.042	7.4341	290.68	0.6988	3.4528	4.1835	4.3513	8.8196	0.83696	1.2327	2.2729
Mar	1.9558	24.676	7.4354	292.26	0.6977	3.4528	4.1370	4.3668	8.8873	0.83448	1.2538	2.3674
Apr	1.9558	24.809	7.4393	294.81	0.6993	3.4528	4.1782	4.3789	8.8650	0.82188	1.2718	2.4405
May	1.9558	25.313	7.4335	293.67	0.6981	3.4528	4.2937	4.4412	8.9924	0.80371	1.2825	2.5357
June	1.9558	25.640	7.4325	293.57	0.6969	3.4528	4.2973	4.4626	8.8743	0.80579	1.2550	2.5658
July	1.9558	25.447	7.4384	286.28	0.6963	3.4528	4.1837	4.5549	8.5451	0.78827	1.1931	2.4914
Aug	1.9558	25.021	7.4454	278.93	0.6963	3.4528	4.0934	4.5176	8.2805	0.78884	1.1841	2.5170
Sep	1.9558	24.752	7.4539	284.22	0.6962	3.4528	4.1345	4.5022	8.4929	0.79821	1.2372	2.6066
Oct	1.9558	24.939	7.4582	282.09	0.6962	3.4528	4.1071	4.5624	8.6145	0.80665	1.2596	2.6333
Nov	1.9558	25.365	7.4587	282.26	0.6962	3.4528	4.1321	4.5273	8.6076	0.80389	1.2331	2.6512
Dec	1.9558	25.214	7.4604	285.79	0.6965	3.4528	4.0956	4.4899	8.6512	0.81237	1.2527	2.7264
2013 Jan	1.9558	25.563	7.4614	294.01	0.6978	3.4528	4.1424	4.3835	8.6217	0.83271	1.2658	2.6993
Feb	1.9558	25.475	7.4598	292.73	0.6999	3.4528	4.1700	4.3839	8.5083	0.86250	1.2951	2.6354

* See Explanatory notes, p 57. + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. 1 The ECB has not fixed a euro reference exchange rate for the Icelandic krona since 4 December 2008. 2 Up

to December 2008, ECB indicative rates. 3 Up to December 2010, ECB indicative rates.

II Euro reference exchange rates of the European Central Bank *

European countries												
Canada	China	Croatia	Hong Kong	Iceland	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia		Period
Canadian dollar CAD	Chinese yuan renminbi CNY	Croatian kuna HRK	Hong Kong dollar HKD	Icelandic krona ISK 1	Indian rupee INR 2	Indonesian rupiah IDR	New Israeli sheqel ILS 3	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR		
1.4740	10.5682	7.2707	11.4996	98.06	58.5077	13,542.26	5.3210	157.97	1,392.57	4.7548		2008 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
1.3073	8.1465	7.5543	10.0187	–	66.0601	11,709.25	4.9141	99.33	1,474.96	4.0151		2012 Jan
1.3193	8.3314	7.5815	10.2553	–	65.0589	11,913.82	4.9474	103.77	1,485.58	3.9978		Feb
1.3121	8.3326	7.5358	10.2474	–	66.5399	12,082.50	4.9679	108.88	1,487.83	4.0229		Mar
1.3068	8.2921	7.4991	10.2163	–	68.1939	12,068.69	4.9362	107.00	1,495.40	4.0277		Apr
1.2916	8.0806	7.5383	9.9291	–	69.6407	11,913.51	4.8974	101.97	1,481.36	3.9688		May
1.2874	7.9676	7.5434	9.7192	–	70.1673	11,830.22	4.8763	99.26	1,458.61	3.9836		June
1.2461	7.8288	7.5006	9.5308	–	68.1061	11,605.16	4.9042	97.07	1,404.11	3.8914		July
1.2315	7.8864	7.4853	9.6177	–	68.8632	11,777.55	4.9779	97.58	1,403.93	3.8643		Aug
1.2583	8.1273	7.4291	9.9686	–	70.0452	12,287.93	5.0717	100.49	1,444.65	3.9599		Sep
1.2801	8.1390	7.5140	10.0574	–	68.8589	12,457.30	4.9976	102.47	1,435.37	3.9649		Oct
1.2787	7.9998	7.5410	9.9423	–	70.3250	12,343.83	4.9970	103.94	1,395.13	3.9230		Nov
1.2984	8.1809	7.5334	10.1679	–	71.6946	12,643.37	4.9570	109.71	1,411.41	4.0075		Dec
1.3189	8.2698	7.5746	10.3027	–	72.0716	12,837.99	4.9706	118.34	1,417.69	4.0413		2013 Jan
1.3477	8.3282	7.5868	10.3608	–	71.9342	12,933.75	4.9359	124.40	1,452.82	4.1403		Feb

II Euro reference exchange rates of the European Central Bank *

2 Monthly averages + (cont'd)

EUR 1 = CU ...

Period	Other European and non-European countries (cont'd)										
	Mexico Mexican peso MXN	New Zealand New Zealand dollar NZD	Norway Norwegian krone NOK	Philippines Philippine peso PHP	Russian Federation Russian rouble RUB	Singapore Singapore dollar SGD	South Africa South African rand ZAR	Switzerland Swiss franc CHF	Thailand Thai baht THB	Turkey Turkish lira ¹ TRY	United States US dollar USD
2008 Feb	15.8786	1.8513	7.9480	59.845	36.1357	2.0808	11.2899	1.6080	46.085	1.7632	1.4748
2008 Mar	16.6678	1.9344	7.9717	64.031	36.8259	2.1489	12.3712	1.5720	48.848	1.9309	1.5527
2008 Apr	16.5608	1.9960	7.9629	65.790	37.0494	2.1493	12.2729	1.5964	49.752	2.0500	1.5751
2008 May	16.2402	2.0011	7.8648	66.895	36.9042	2.1259	11.8696	1.6247	49.942	1.9408	1.5557
2008 June	16.0617	2.0424	7.9915	68.903	36.7723	2.1278	12.3467	1.6139	51.649	1.9206	1.5553
2008 July	16.1119	2.0900	8.0487	70.694	36.8261	2.1438	12.0328	1.6193	52.821	1.9128	1.5770
2008 Aug	15.1269	2.1097	7.9723	67.307	36.2502	2.1024	11.4680	1.6212	50.697	1.7669	1.4975
2008 Sep	15.2805	2.1293	8.1566	67.113	36.3727	2.0549	11.5899	1.5942	49.264	1.7843	1.4370
2008 Oct	16.8177	2.1891	8.5928	63.882	35.2144	1.9666	12.9341	1.5194	45.872	1.9612	1.3322
2008 Nov	16.6735	2.2554	8.8094	62.496	34.7964	1.9183	12.8785	1.5162	44.677	2.0342	1.2732
2008 Dec	18.0764	2.4119	9.4228	64.505	37.8999	1.9888	13.4275	1.5393	47.107	2.0894	1.3449
2009 Jan	18.3762	2.4132	9.2164	62.354	42.3282	1.9742	13.1255	1.4935	46.218	2.1233	1.3239
2009 Feb	18.6536	2.4851	8.7838	60.832	45.8079	1.9411	12.8005	1.4904	45.156	2.1280	1.2785
2009 Mar	19.1278	2.4527	8.8388	63.105	45.1451	1.9949	12.9870	1.5083	46.667	2.2340	1.3050
2009 Apr	17.7645	2.3123	8.7867	63.462	44.2135	1.9823	11.8784	1.5147	46.741	2.1277	1.3190
2009 May	17.9969	2.2663	8.7943	64.600	43.5678	1.9939	11.4475	1.5118	47.241	2.1251	1.3650
2009 June	18.6813	2.1967	8.9388	67.036	43.5553	2.0357	11.2718	1.5148	47.844	2.1675	1.4016
2009 July	18.8143	2.1873	8.9494	67.724	44.3881	2.0421	11.2007	1.5202	47.969	2.1378	1.4088
2009 Aug	18.5571	2.1097	8.6602	68.803	45.1972	2.0577	11.3415	1.5236	48.543	2.1236	1.4268
2009 Sep	19.5255	2.0691	8.5964	69.967	44.7624	2.0720	10.9495	1.5148	49.239	2.1711	1.4562
2009 Oct	19.5856	2.0065	8.3596	69.419	43.6188	2.0714	11.0938	1.5138	49.504	2.1823	1.4816
2009 Nov	19.5478	2.0450	8.4143	70.165	43.1835	2.0711	11.2134	1.5105	49.634	2.2262	1.4914
2009 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
2010 Feb	17.7154	1.9615	8.0971	63.317	41.2845	1.9326	10.4964	1.4671	45.360	2.0756	1.3686
2010 Mar	17.0587	1.9301	8.0369	61.999	40.1219	1.8990	10.0589	1.4482	44.111	2.0821	1.3569
2010 Apr	16.3957	1.8814	7.9323	59.788	39.1335	1.8505	9.8658	1.4337	43.279	1.9983	1.3406
2010 May	15.9856	1.8010	7.8907	57.315	38.2707	1.7503	9.6117	1.4181	40.714	1.9459	1.2565
2010 June	15.5346	1.7667	7.9062	56.594	38.1507	1.7081	9.3398	1.3767	39.635	1.9274	1.2209
2010 July	16.3699	1.7925	8.0201	59.072	39.1317	1.7588	9.6351	1.3460	41.273	1.9669	1.2770
2010 Aug	16.4571	1.8059	7.9325	58.245	39.1898	1.7482	9.4192	1.3413	40.937	1.9484	1.2894
2010 Sep	16.7361	1.7955	7.9156	57.772	40.2564	1.7439	9.3236	1.3089	40.264	1.9528	1.3067
2010 Oct	17.2845	1.8498	8.1110	60.285	42.1471	1.8116	9.6165	1.3452	41.636	1.9800	1.3898
2010 Nov	16.8386	1.7703	8.1463	59.485	42.3360	1.7739	9.5320	1.3442	40.826	1.9717	1.3661
2010 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
2011 Feb	16.4727	1.7925	7.8206	59.558	39.9469	1.7421	9.8126	1.2974	41.918	2.1702	1.3649
2011 Mar	16.8063	1.8877	7.8295	60.870	39.8061	1.7757	9.6862	1.2867	42.506	2.2108	1.3999
2011 Apr	16.9211	1.8331	7.8065	62.361	40.5363	1.8024	9.7200	1.2977	43.434	2.1975	1.4442
2011 May	16.7177	1.8024	7.8384	61.953	40.0573	1.7763	9.8461	1.2537	43.398	2.2603	1.4349
2011 June	16.9931	1.7666	7.8302	62.468	40.2670	1.7763	9.7807	1.2092	43.923	2.3077	1.4388
2011 July	16.6491	1.6877	7.7829	60.961	39.8343	1.7359	9.7000	1.1766	42.949	2.3654	1.4264
2011 Aug	17.5456	1.7108	7.7882	60.836	41.2954	1.7340	10.1532	1.1203	42.875	2.5147	1.4343
2011 Sep	17.9370	1.6932	7.7243	59.322	42.3239	1.7229	10.3956	1.2005	41.902	2.4736	1.3770
2011 Oct	18.4315	1.7361	7.7474	59.412	42.8569	1.7493	10.9188	1.2295	42.297	2.5089	1.3706
2011 Nov	18.5646	1.7584	7.7868	58.743	41.8082	1.7476	11.0547	1.2307	41.969	2.4565	1.3556
2011 Dec	18.1174	1.7102	7.7451	57.537	41.5686	1.7070	10.7829	1.2276	41.099	2.4632	1.3179
2012 Jan	17.3140	1.6132	7.6752	56.208	40.4394	1.6510	10.3405	1.2108	40.718	2.3759	1.2905
2012 Feb	16.9159	1.5845	7.5522	56.419	39.4232	1.6585	10.1289	1.2071	40.614	2.3264	1.3224
2012 Mar	16.8239	1.6104	7.5315	56.634	38.7804	1.6624	10.0475	1.2061	40.557	2.3631	1.3201
2012 Apr	17.1900	1.6095	7.5698	56.145	38.8087	1.6459	10.3060	1.2023	40.639	2.3520	1.3162
2012 May	17.4237	1.6538	7.5655	54.908	39.5585	1.6152	10.4412	1.2012	40.077	2.3149	1.2789
2012 June	17.4529	1.6062	7.5401	53.510	41.1766	1.6016	10.5050	1.2011	39.640	2.2837	1.2526
2012 July	16.4263	1.5390	7.4579	51.452	39.9467	1.5494	10.1379	1.2011	38.873	2.2281	1.2288
2012 Aug	16.3600	1.5306	7.3239	52.173	39.6334	1.5480	10.2585	1.2011	38.974	2.2291	1.2400
2012 Sep	16.6413	1.5721	7.3945	53.629	40.4006	1.5837	10.6512	1.2089	39.842	2.3177	1.2856
2012 Oct	16.7207	1.5817	7.4076	53.691	40.3558	1.5879	11.2215	1.2098	39.811	2.3384	1.2974
2012 Nov	16.7689	1.5660	7.3371	52.716	40.2505	1.5695	11.2986	1.2052	39.391	2.3010	1.2828
2012 Dec	16.8664	1.5777	7.3503	53.796	40.3114	1.6009	11.3179	1.2091	40.187	2.3439	1.3119
2013 Jan	16.8760	1.5877	7.3821	54.105	40.1847	1.6326	11.6957	1.2288	39.924	2.3543	1.3288
2013 Feb	16.9872	1.5929	7.4232	54.355	40.3342	1.6546	11.8796	1.2298	39.839	2.3738	1.3359

* See Explanatory notes, p 57. + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. ¹ 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	–
2012	1.9558	–	25.151	7.4610	–	–	292.30	0.6977	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	–
2012	1.9558	–	25.149	7.4437	–	–	289.25	0.6973	3.4528	–

EU member countries (cont'd)							Other European and non-European countries			
Period	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	1.8149	1.3965	7.7017
2001	3.4953	27,817	42.780	218.8364	9.3012	0.60850	1.7280	2.0465	1.4077	7.2945
2002	4.0210	35,135	41.503	230.1577	9.1528	0.65050	1.8556	3.7124	1.6550	8.6801
2003	4.7019	41,158	41.170	236.7000	9.0800	0.70480	1.6802	3.6698	1.6234	10.4539
2004	4.0845	39,390	38.745	239.7600	9.0206	0.70505	1.7459	3.6201	1.6416	11.2741
2005	3.8600	4 3.6802	37.880	239.5000	9.3885	0.68530	1.6109	2.7462	1.3725	9.5204
2006	3.8310	3.3835	34.435	239.6400	9.0404	0.67150	1.6691	2.8141	1.5281	10.2793
2007	3.5935	3.6077	33.583	–	9.4415	0.73335	1.6757	2.5914	1.4449	10.7524
2008	4.1535	4.0225	30.126	–	10.8700	0.95250	2.0274	3.2436	1.6998	9.4956
2009	4.1045	4.2363	–	–	10.2520	0.88810	1.6008	2.5113	1.5128	9.8350
2010	3.9750	4.2620	–	–	8.9655	0.86075	1.3136	2.2177	1.3322	8.8220
2011	4.4580	4.3233	–	–	8.9120	0.83530	1.2723	2.4159	1.3215	8.1588
2012	4.0740	4.4445	–	–	8.5820	0.81610	1.2712	2.7036	1.3137	8.2207
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	7 1.6821	1.3706	7 7.6168
2001	3.6721	26,004	43.300	217.9797	9.2551	0.62187	1.7319	2.1069	1.3864	7.4131
2002	3.8574	31,270	42.694	225.9772	9.1611	0.62883	1.7376	2.7896	1.4838	7.8265
2003	4.3996	37,551	41.489	233.8493	9.1242	0.69199	1.7379	3.4701	1.5817	9.3626
2004	4.5268	40,510	40.022	239.0874	9.1243	0.67866	1.6905	3.6362	1.6167	10.2967
2005	4.0230	4 3.6209	38.599	239.5681	9.2822	0.68380	1.6320	3.0360	1.5087	10.1955
2006	3.8959	3.5258	37.234	239.5961	9.2544	0.68173	1.6668	2.7333	1.4237	10.0096
2007	3.7837	3.3353	33.775	–	9.2501	0.68434	1.6348	2.6633	1.4678	10.4178
2008	3.5121	3.6826	31.262	–	9.6152	0.79628	1.7416	2.6737	1.5594	10.2236
2009	4.3276	4.2399	–	–	10.6191	0.89094	1.7727	2.7674	1.5850	9.5277
2010	3.9947	4.2122	–	–	9.5373	0.85784	1.4423	2.3314	1.3651	8.9712
2011	4.1206	4.2391	–	–	9.0298	0.86788	1.3484	2.3265	1.3761	8.9960
2012	4.1847	4.4593	–	–	8.7041	0.81087	1.2407	2.5084	1.2842	8.1052

* 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	19.2339
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
2012	7.5575	10.2260	-	72.5600	12,713.97	4.9258	113.61	1,406.23	4.0347	17.1845
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
2012	7.5217	9.9663	-	68.5973	12,045.73	4.9536	102.49	1,447.69	3.9672	16.9029

Other European and non-European countries (cont'd)

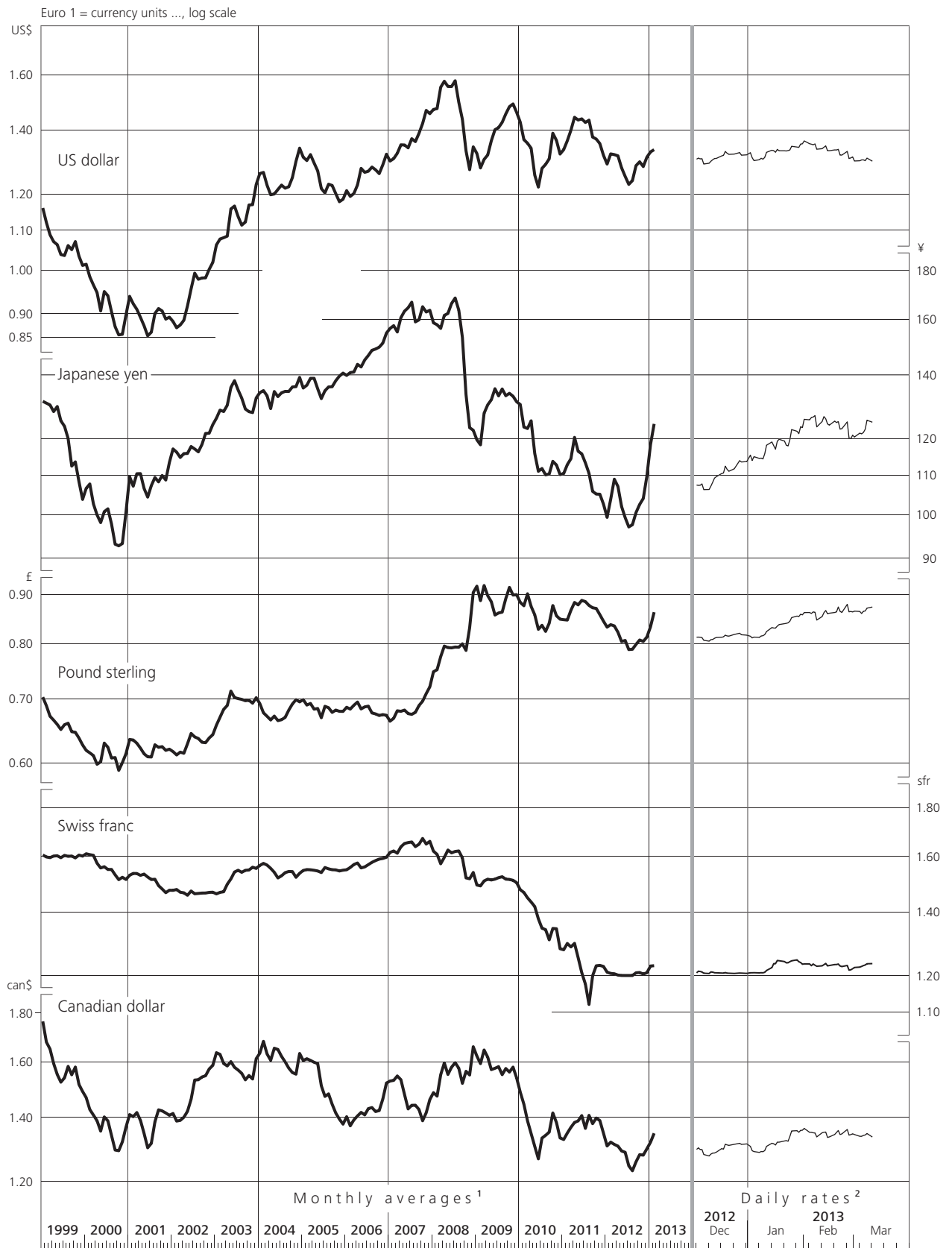
Period	New Zealand New Zealand dollar NZD	Norway Norwegian krona NOK	Philippines Philippine peso PHP ¹	Russian Federation Russian rouble RUB ¹	Singapore Singapore dollar SGD ²	South Africa South African rand ZAR ²	Switzerland Swiss franc CHF	Thailand Thai baht THB ¹	Turkey Turkish lira / New Turkish 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
2012	1.6045	7.3483	54.107	40.3295	1.6111	11.1727	1.2072	40.347	2.3551	1.3194
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
2012	1.5867	7.4751	54.246	39.9262	1.6055	10.5511	1.2053	39.928	2.3135	1.2848

* 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



¹ Last monthly average: February 2013. ² Last updated: 11 March 2013.

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	100.0	95.8	98.0	97.7	
2000	87.0	86.5	87.9	85.8	92.9	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	91.7	
2003	100.6	101.5	106.8	101.6	97.0	95.7	99.2	96.5	96.7	
2004	104.4	105.3	111.3	105.2	98.4	95.4	102.9	98.0	98.2	
2005	102.9	103.8	109.3	102.7	98.4	95.2	103.3	96.9	96.5	
2006	102.8	103.8	109.3	102.0	98.5	94.8	104.2	96.4	95.8	
2007	106.2	106.5	112.8	104.0	100.8	95.1	109.8	97.8	96.9	
2008	109.4	108.6	116.9	105.9	102.2	94.5	114.9	97.8	97.0	
2009	110.6	109.2	119.7	106.8	101.7	94.4	113.8	97.9	97.3	
2010	103.6	101.6	111.4	98.1	98.8	94.0	106.1	93.9	92.2	
2011	103.4	100.7	112.1	97.6	98.2	93.7	105.2	93.1	91.7	
2012	97.8	p 95.5	107.0	p 92.9	96.0	93.2	99.7	p 90.3	p 88.8	
2008 Oct	104.5	103.6	112.7	101.6	99.7	94.3	108.4	95.1	94.5	
Nov	103.6	102.8	111.8	100.8	99.7	94.4	108.0	94.9	94.2	
Dec	108.8	107.9	117.5	105.9	101.5	94.4	113.3	97.3	96.9	
2009 Jan	108.6	107.8	117.7	105.9	101.3	94.5	112.5	97.3	96.9	
Feb	107.7	106.9	117.0	105.3	100.6	94.6	110.1	97.1	96.8	
Mar	110.0	108.8	119.5	107.1	101.4	94.4	113.0	97.7	97.5	
Apr	109.1	108.0	118.2	105.9	101.4	94.4	112.8	97.3	96.8	
May	109.8	108.5	118.7	106.1	101.5	94.3	113.2	97.5	96.9	
June	111.0	109.7	120.0	107.3	101.9	94.6	114.0	98.3	97.7	
July	110.6	109.1	119.7	106.7	101.8	94.5	113.7	97.8	97.2	
Aug	110.6	109.1	119.8	106.8	101.9	94.6	114.0	97.9	97.4	
Sep	111.8	110.0	121.1	107.6	102.1	94.4	114.9	98.2	97.6	
Oct	113.1	111.2	122.0	108.3	102.6	94.4	116.4	98.8	98.1	
Nov	113.0	111.0	122.0	108.1	102.3	94.3	115.9	98.6	97.9	
Dec	111.9	109.8	120.8	106.8	102.2	94.4	115.1	98.2	97.4	
2010 Jan	109.7	107.6	118.3	104.4	101.2	94.3	112.7	97.0	95.9	
Feb	107.0	104.8	115.3	101.6	100.2	94.2	109.7	95.6	94.3	
Mar	106.2	104.3	114.2	100.8	100.2	94.2	109.7	95.2	93.8	
Apr	105.0	103.1	112.5	99.3	99.5	93.9	108.3	94.4	92.7	
May	101.8	100.0	109.0	96.3	98.2	94.0	104.5	93.0	91.2	
June	99.8	98.0	106.9	94.4	97.2	94.0	101.6	92.1	90.3	
July	101.6	99.8	109.2	96.4	97.8	94.0	103.2	92.9	91.2	
Aug	101.2	99.4	108.8	96.0	97.6	93.9	102.9	92.7	91.0	
Sep	101.5	99.5	109.2	96.0	97.7	93.9	103.2	92.7	91.0	
Oct	105.0	102.6	112.9	99.0	99.1	93.8	107.4	94.2	92.6	
Nov	103.7	101.2	111.7	97.7	98.8	94.0	106.1	93.7	92.0	
Dec	101.7	99.2	109.3	95.6	97.8	94.0	103.4	92.8	91.0	
2011 Jan	101.4	99.0	109.3	95.5	97.8	93.9	103.5	92.4	90.7	
Feb	102.4	99.8	110.6	96.5	98.1	93.8	104.5	92.8	91.2	
Mar	104.1	101.6	112.3	98.1	98.6	93.8	106.1	93.5	91.9	
Apr	105.9	103.4	114.0	99.7	99.6	93.8	108.7	94.4	92.7	
May	104.9	102.2	113.2	98.6	99.0	93.7	107.2	93.7	92.1	
June	105.0	102.2	113.4	98.8	99.0	93.7	107.2	93.7	92.2	
July	104.0	101.1	112.4	97.7	98.6	93.7	106.1	93.3	91.7	
Aug	103.9	100.9	112.9	98.1	98.1	93.6	105.0	93.1	91.8	
Sep	102.8	99.9	112.0	97.4	97.8	93.6	103.9	92.7	91.6	
Oct	103.0	100.2	112.6	97.8	97.9	93.6	104.2	92.9	91.8	
Nov	102.6	99.9	112.1	97.3	97.6	93.5	103.7	92.8	91.6	
Dec	100.8	98.1	110.3	95.7	96.8	93.3	101.8	91.8	90.6	
2012 Jan	98.9	96.3	108.0	93.7	96.2	93.3	100.0	90.8	89.4	
Feb	99.6	97.2	108.4	94.1	96.8	93.5	101.5	91.3	89.7	
Mar	99.8	97.3	108.6	94.3	96.8	93.3	101.9	91.2	89.6	
Apr	99.5	97.2	108.4	94.2	96.7	93.3	101.4	91.1	89.5	
May	98.0	95.7	107.2	93.1	96.0	93.3	99.5	90.4	88.9	
June	97.2	94.8	106.6	92.4	95.5	93.1	98.5	89.9	88.6	
July	95.3	93.2	104.4	90.7	94.8	93.1	96.8	89.1	87.5	
Aug	95.2	93.1	104.3	90.7	94.9	93.1	97.0	89.1	87.5	
Sep	97.2	95.0	106.6	92.5	95.6	93.0	99.0	89.9	88.5	
Oct	97.8	95.5	107.2	p 92.9	95.9	92.9	99.9	p 90.1	p 88.7	
Nov	97.2	p 94.9	106.7	p 92.3	95.9	93.0	99.7	p 90.0	p 88.5	
Dec	98.7	p 96.3	108.2	p 93.6	96.5	92.9	101.6	p 90.6	p 89.2	
2013 Jan	100.4	p 98.1	109.8	p 94.9	p 97.4	93.0	p 104.0	p 91.5	p 89.9	
Feb	101.6	p 99.3	111.1	p 95.9	p 98.1	p 93.1	p 105.8	p 92.1	p 90.4	

* 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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Afghanistan							
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 50.9650	AFN 52.0300	AFN 51.7500	AFN 52.8200
		S	USD 1 =	AFN 51.0650	AFN 52.1300	AFN 51.8500	AFN 52.9200
	AFN	B	EUR 1 =	AFN 65.5450	AFN 68.4100	AFN 69.7500	AFN 69.1700
		S	EUR 1 =	AFN 65.8050	AFN 68.6700	AFN 70.0100	AFN 69.4300
Albania							
Tirana 070	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 108.09	ALL 105.85	ALL 103.00	ALL 106.48
		M	EUR 1 =	ALL 139.11	ALL 139.59	ALL 139.58	ALL 139.66
Algeria							
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 77.6012	DZD 78.0726	DZD 77.4384	DZD 78.3487
		S	USD 1 =	DZD 77.6162	DZD 78.0876	DZD 77.4534	DZD 78.3637
	DZD	B	EUR 1 =	DZD 102.0723	DZD 103.0012	DZD 104.8748	DZD 102.8953
		S	EUR 1 =	DZD 102.1099	DZD 103.0444	DZD 104.9261	DZD 102.9386
Angola							
Luanda 330	Kwanza = 100 cêntimos	B	USD 1 =	AOA 95.191	AOA 95.587	AOA 95.700	AOA 95.722
		S	USD 1 =	AOA 95.667	AOA 96.065	AOA 96.179	AOA 96.201
	AOA	B	EUR 1 =	AOA 122.768	AOA 126.079	AOA 129.741	AOA 125.310
		S	EUR 1 =	AOA 123.352	AOA 126.671	AOA 130.351	AOA 125.908
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 3.4538	XCD 3.5468	XCD 3.6425	XCD 3.5293
		V, S	EUR 1 =	XCD 3.4907	XCD 3.5847	XCD 3.6814	XCD 3.5670
Argentina							
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 4.5123	ARS 4.8780	ARS 4.9380	ARS 5.0060
		S	USD 1 =	ARS 4.5523	ARS 4.9180	ARS 4.9780	ARS 5.0460
	ARS	B	EUR 1 =	ARS 5.7934	ARS 6.4390	ARS 6.6974	ARS 6.5463
		S	EUR 1 =	ARS 5.8530	ARS 6.5041	ARS 6.7641	ARS 6.6113
Armenia							
Yerevan 077	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 401.73	AMD 403.58	AMD 406.64	AMD 409.22
		M	EUR 1 =	AMD 517.27	AMD 532.24	AMD 551.53	AMD 536.65
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 230.34	AWG 234.99	AWG 241.33	AWG 233.83
		S	EUR 100 =	AWG 232.66	AWG 237.35	AWG 243.76	AWG 236.18

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 1.0375	USD 1.0384	USD 1.0394	USD 1.0275
		M	AUD 1 =	EUR 0.8043	EUR 0.7868	EUR 0.7660	EUR 0.7818
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3194	USD 1.3550	USD 1.3129
Azerbaijan							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 0.7856	AZN 0.7850	AZN 0.7844	AZN 0.7848
		M	EUR 1 =	AZN 1.0112	AZN 1.0377	AZN 1.0644	AZN 1.0315
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 1.26789	BSD 1.28960	BSD 1.32720	BSD 1.28060
		S	EUR 1 =	BSD 1.32017	BSD 1.34840	BSD 1.38600	BSD 1.33940
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 0.4719737	BHD 0.4834771	BHD 0.4958737	BHD 0.4798590
		S	EUR 1 =	BHD 0.5011680	BHD 0.5133829	BHD 0.5265463	BHD 0.5095410
Bangladesh 1							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 81.3708	BDT 79.3500	BDT 78.7000	BDT 78.4000
		S	USD 1 =	BDT 82.3502	BDT 80.3400	BDT 79.6900	BDT 79.3900
		B	EUR 1 =	BDT 104.1215	BDT 103.9459	BDT 105.4556	BDT 101.0457
		S	EUR 1 =	BDT 107.5168	BDT 107.9037	BDT 109.5428	BDT 105.0414
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 2.02768	BBD 2.02768	BBD 2.02768	BBD 2.02768
		B	EUR 1 =	BBD 2.56758	BBD 2.63192	BBD 2.70201	BBD 2.60683
		S	EUR 1 =	BBD 2.61572	BBD 2.68127	BBD 2.75267	BBD 2.65571
Belarus							
Minsk 073	Belarusian rouble BYR	M	USD 1 =	BYR 8,342.50	BYR 8,570.00	BYR 8,630.00	BYR 8,630.00
		M	EUR 1 =	BYR 10,734.17	BYR 11,340.00	BYR 11,660.00	BYR 11,290.00

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3194	USD 1.3550	USD 1.3129
Belize							
Belmopan 421	Belize dollar = 100 cents BZD	B S	USD 1 =	BZD 1.9825	BZD 1.9825	BZD 1.9825	BZD 1.9825
			USD 1 =	BZD 2.0175	BZD 2.0175	BZD 2.0175	BZD 2.0175
		B S	EUR 1 =	BZD 2.5575	BZD 2.6151	BZD 2.6867	BZD 2.6024
			EUR 1 =	BZD 2.6026	BZD 2.6613	BZD 2.7341	BZD 2.6484
Benin ¹							
Porto-Novo Seat of Government: Cotonou 284	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Bermuda							
Hamilton 413	Bermudian dollar = 100 cents BMD	B S	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
			USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
		V, B V, S	EUR 1 =	BMD 1.2797	BMD 1.3141	BMD 1.3496	BMD 1.3076
			EUR 1 =	BMD 1.2903	BMD 1.3251	BMD 1.3608	BMD 1.3185
Bhutan ¹							
Thimphu 675	Ngultrum = 100 chhetrum BTN	B S	USD 1 =	BTN 53.39	BTN 54.73	BTN 53.29	BTN 53.60
			USD 1 =	BTN 53.77	BTN 55.11	BTN 53.67	BTN 53.98
		B S	EUR 1 =	BTN 68.89	BTN 72.29	BTN 72.02	BTN 70.10
			EUR 1 =	BTN 69.35	BTN 72.78	BTN 72.52	BTN 70.58
Bolivia, Plurinational State of							
Sucre Seat of Government: La Paz 516	Boliviano = 100 centavos BOB	B S	USD 1 =	BOB 6.86	BOB 6.86	BOB 6.86	BOB 6.86
			USD 1 =	BOB 6.96	BOB 6.96	BOB 6.96	BOB 6.96
		V, B V, S	EUR 1 =	BOB 8.8154	BOB 9.0511	BOB 9.2953	BOB 9.0065
			EUR 1 =	BOB 8.9439	BOB 9.1830	BOB 9.4308	BOB 9.1378
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga BAM	B S	USD 1 =	BAM 1.511291	BAM 1.479891	BAM 1.440765	BAM 1.489609
			USD 1 =	BAM 1.518866	BAM 1.487309	BAM 1.447987	BAM 1.497075
		B / S	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583
Botswana							
Gaborone 391	Pula = 100 thebe BWP	B S	BWP 1 =	USD 0.1318	USD 0.1288	USD 0.1251	USD 0.1242
			BWP 1 =	USD 0.1314	USD 0.1285	USD 0.1248	USD 0.1238
		B S	BWP 1 =	EUR 0.1019	EUR 0.0977	EUR 0.0923	EUR 0.0947
			BWP 1 =	EUR 0.1017	EUR 0.0974	EUR 0.0921	EUR 0.0944

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Brazil							
Brasilia 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 1.9544	BRL 2.0429	BRL 1.9877	BRL 1.9749
		S	USD 1 =	BRL 1.9550	BRL 2.0435	BRL 1.9883	BRL 1.9754
	BRL	B	EUR 1 =	BRL 2.5267	BRL 2.6944	BRL 2.6977	BRL 2.5824
		S	EUR 1 =	BRL 2.5277	BRL 2.6954	BRL 2.6987	BRL 2.5832
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.2350	BND 1.2130	BND 1.2279	BND 1.2255
		S	USD 1 =	BND 1.2560	BND 1.2335	BND 1.2489	BND 1.2463
	BND	B	EUR 1 =	BND 1.5838	BND 1.5944	BND 1.6545	BND 1.5992
		S	EUR 1 =	BND 1.6405	BND 1.6505	BND 1.7109	BND 1.6557
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.52364	BGN 1.48360	BGN 1.44342	BGN 1.48970
		M	EUR 1 =	BGN 1.95583	BGN 1.95583	BGN 1.95583	BGN 1.95583
Burkina Faso ¹							
Ouagadougou 236	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Burundi							
Bujumbura 328	Burundi franc = 100 centimes	B	USD 1 =	BIF 1,432.4774	BIF 1,526.7441	BIF 1,565.6023	BIF 1,696.0806
		S	USD 1 =	BIF 1,468.7426	BIF 1,565.3959	BIF 1,605.2378	BIF 1,739.0194
	BIF	B	EUR 1 =	BIF 1,851.3854	BIF 2,015.5312	BIF 2,124.7571	BIF 2,230.8548
		S	EUR 1 =	BIF 1,898.2559	BIF 2,066.5574	BIF 2,178.5485	BIF 2,287.3322
Cambodia							
Phnom Penh 696	Riel = 100 sen KHR	M	USD 1 =	KHR 4,034	KHR 3,995	KHR 3,995	KHR 3,995
		B	EUR 1 =	KHR 5,201	KHR 5,285	KHR 5,420	KHR 5,255
	S	EUR 1 =	KHR 5,201	KHR 5,286	KHR 5,475	KHR 5,308	
Cameroon ¹							
Yaoundé 302	CFA franc XAF	2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Canada							
Ottawa 404	Canadian dollar = 100 cents CAD	M	USD 1 =	CAD 0.9996	CAD 0.9949	CAD 0.9992	CAD 1.0285
		M	EUR 1 =	CAD 1.2898	CAD 1.3118	CAD 1.3573	CAD 1.3452
Cape Verde							
Praia 247	Cape Verde escudo = 100 centavos CVE	B	USD 1 =	CVE 85.447	CVE 83.017	CVE 81.329	CVE 84.090
		S	USD 1 =	CVE 85.649	CVE 83.219	CVE 81.531	CVE 84.292
	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.

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Cayman Islands							
George Town 463	Cayman Islands dollar = 100 cents KYD	2	KYD 1 =	USD 1.20	USD 1.20	USD 1.20	USD 1.20
		V	EUR 1 =	KYD 1.0707	KYD 1.0995	KYD 1.1292	KYD 1.0941
Central African Republic ¹							
Bangui 306	CFA franc XAF	3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chad ¹							
N'Djaména 244	CFA franc XAF	3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chile							
Santiago 512	Chilean peso = 100 centavos CLP	M	USD 1 =	CLP 485.89	CLP 478.60	CLP 471.40	CLP 473.30
		M	EUR 1 =	CLP 624.33	CLP 632.90	CLP 639.53	CLP 619.83
China							
Peking / Beijing 720	Chinese yuan renminbi = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.3128	CNY 6.2855	CNY 6.2795	CNY 6.2779
		M	EUR 1 =	CNY 8.1423	CNY 8.3176	CNY 8.5197	CNY 8.2551
		M	HKD 1 =	CNY 0.81380	CNY 0.81085	CNY 0.80941	CNY 0.80934
China (Taiwan)							
Taipeh 736	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 29.48	TWD 28.98	TWD 29.49	TWD 29.60
		S	USD 1 =	TWD 29.58	TWD 29.08	TWD 29.59	TWD 29.70
		B	EUR 1 =	TWD 37.78	TWD 38.25	TWD 39.90	TWD 38.51
		S	EUR 1 =	TWD 38.18	TWD 38.65	TWD 40.30	TWD 38.91
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	B	USD 1 =	COP 1,794.93	COP 1,767.10	COP 1,772.80	COP 1,815.86
		S	USD 1 =	COP 1,795.84	COP 1,769.36	COP 1,773.68	COP 1,816.98
		V, B	EUR 1 =	COP 2,306.34	COP 2,331.51	COP 2,402.14	COP 2,384.04
		V, S	EUR 1 =	COP 2,307.52	COP 2,334.49	COP 2,403.34	COP 2,385.51
Comoros							
Moroni 375	Comorian franc = 100 centimes KMF	3	EUR 1 =	KMF 491.96775	KMF 491.96775	KMF 491.96775	KMF 491.96775
Congo ¹							
Brazzaville 318	CFA franc XAF	3	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 US 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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 900.5358	CDF 898.9753	CDF 894.8568	CDF 901.0365
		S	USD 1 =	CDF 937.2923	CDF 935.6682	CDF 931.3815	CDF 937.8135
	CDF	B	EUR 1 =	CDF 1,161.1351	CDF 1,186.8456	CDF 1,212.7073	CDF 1,179.4441
		S	EUR 1 =	CDF 1,208.5644	CDF 1,235.2883	CDF 1,262.2055	CDF 1,227.5847
Cook Islands ¹							
Avarua 837	Cook Islands dollar = 100 cents NZD	² B	NZD 1 =	EUR 0.6404	EUR 0.6361	EUR 0.6282	EUR 0.6450
		S	NZD 1 =	EUR 0.6183	EUR 0.6125	EUR 0.6050	EUR 0.6211
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 497.23	CRC 502.07	CRC 496.32	CRC 495.73
		S	USD 1 =	CRC 508.28	CRC 514.32	CRC 507.00	CRC 506.84
	CRC	V, B	EUR 1 =	CRC 643.1158	CRC 662.4312	CRC 672.5136	CRC 650.8439
		V, S	EUR 1 =	CRC 657.4196	CRC 678.5938	CRC 686.9850	CRC 665.4302
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 5.830774	HRK 5.709614	HRK 5.577511	HRK 5.778502
		S	USD 1 =	HRK 5.865864	HRK 5.743974	HRK 5.611077	HRK 5.813278
	HRK	B	EUR 1 =	HRK 7.505111	HRK 7.522987	HRK 7.559200	HRK 7.562904
		S	EUR 1 =	HRK 7.550278	HRK 7.568261	HRK 7.604692	HRK 7.608418
Cuba ¹							
Havana 448	Convertible peso / Cuban peso = 100 centavos	B	CUC 1 =	USD 1.03360	USD 1.03360	USD 1.03360	USD 1.03360
		S	CUC 1 =	USD 0.96852	USD 0.96852	USD 0.96852	USD 0.96852
	CUC / CUP	B	EUR 1 =	CUC 1.24829	CUC 1.28390	CUC 1.31149	CUC 1.26678
		S	EUR 1 =	CUC 1.33220	CUC 1.37018	CUC 1.39963	CUC 1.35191
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 230.34	ANG 234.99	ANG 241.33	ANG 233.83
		S	EUR 100 =	ANG 234.98	ANG 239.73	ANG 246.20	ANG 238.55
Cyprus							
Nicosia 600	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3194	USD 1.3550	USD 1.3129
Czech Republic							
Prague 061	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 19.583	CZK 19.055	CZK 18.903	CZK 19.525
		M	EUR 1 =	CZK 25.115	CZK 25.140	CZK 25.620	CZK 25.635

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 579.72	DKK 565.91	DKK 550.65	DKK 567.90
			EUR 100 =	DKK 744.52	DKK 746.04	DKK 746.13	DKK 745.60
Djibouti							
Djibouti 338	Djibouti franc = 100 centimes DJF	B	USD 1 =	DJF 176.832	DJF 176.832	DJF 176.832	DJF 176.832
			S	USD 1 =	DJF 179.498	DJF 179.498	DJF 179.498
		B	EUR 1 =	DJF 226.77	DJF 232.22	DJF 238.27	DJF 230.81
			S	EUR 1 =	DJF 235.41	DJF 240.82	DJF 247.06	DJF 239.37
Dominica							
Roseau 460	East Caribbean dollar = 100 cents XCD	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
			S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169
		V, B	EUR 1 =	XCD 3.4538	XCD 3.5468	XCD 3.6425	XCD 3.5293
			V, S	EUR 1 =	XCD 3.4907	XCD 3.5847	XCD 3.6814	XCD 3.5670
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 39.2889	DOP 40.2612	DOP 40.6740	DOP 40.8605
			S	USD 1 =	DOP 39.3785	DOP 40.3967	DOP 40.7999	DOP 40.9956
		V, B	EUR 1 =	DOP 50.8090	DOP 53.1206	DOP 55.1133	DOP 53.6458
			V, S	EUR 1 =	DOP 50.9253	DOP 53.2994	DOP 55.2839	DOP 53.8231
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 6.0758	EGP 6.3550	EGP 6.7153	EGP 6.7403
			S	USD 1 =	EGP 6.1016	EGP 6.4237	EGP 6.7454	EGP 6.7704
		B	EUR 1 =	EGP 7.7897	EGP 8.3416	EGP 9.0728	EGP 8.8071
			S	EUR 1 =	EGP 7.9739	EGP 8.5981	EGP 9.2931	EGP 9.0216
El Salvador ¹							
San Salvador 428	El Salvador colón = 100 centavos SVC	B / S	USD 1 =	SVC 8.75	SVC 8.75	SVC 8.75	SVC 8.75
		V, B/S	EUR 1 =	SVC 11.2420	SVC 11.5448	SVC 11.8563	SVC 11.4879
Equatorial Guinea ¹							
Malabo 310	CFA franc XAF	²	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Eritrea							
Asmara 336	Nakfa = 100 cents ERN	B	USD 1 =	ERN 15.0000	ERN 15.0000	ERN 15.0000	ERN 15.0000
			S	USD 1 =	ERN 15.7500	ERN 15.7500	ERN 15.7500
		B	EUR 1 =	ERN 19.3804	ERN 19.8930	ERN 20.1540	ERN 19.9020
			S	EUR 1 =	ERN 20.1399	ERN 20.6525	ERN 20.9135	ERN 20.6615
Estonia							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3194	USD 1.3550	USD 1.3129

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Ethiopia							
Addis Ababa 334	Birr = 100 cents	B S	USD 1 =	ETB 17.737600	ETB 18.1843	ETB 18.2589	ETB 18.3305
			USD 1 =	ETB 18.092358	ETB 18.5480	ETB 18.6241	ETB 18.6971
	ETB	B S	EUR 1 = EUR 1 =	ETB 22.886367 ETB 23.344083	ETB 24.0415 ETB 24.5223	ETB 24.7353 ETB 25.2300	ETB 24.0441 ETB 24.5250
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 0.5676	USD 0.5680	USD 0.5711	USD 0.5647
			FJD 1 =	USD 0.5506	USD 0.5510	USD 0.5541	USD 0.5477
	FJD	B S	FJD 1 = FJD 1 =	EUR 0.4396 EUR 0.4276	EUR 0.4292 EUR 0.4172	EUR 0.4204 EUR 0.4084	EUR 0.4290 EUR 0.4170
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3194	USD 1.3550	USD 1.3129
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3194	USD 1.3550	USD 1.3129
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	B S M	USD 1 =	.	.	GMD 33.50	GMD 33.50
			USD 1 =	GMD 32.04	GMD 33.98	GMD 34.30	GMD 34.40
	GMD	B S M	EUR 1 = EUR 1 = EUR 1 =	. . GMD 41.63	. . GMD 45.06	GMD 43.50 GMD 44.55	GMD 43.50 GMD 44.55
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M M	USD 1 =	GEL 1.6524	GEL 1.6567	GEL 1.6574	GEL 1.6537
			EUR 1 =	GEL 2.1268	GEL 2.1825	GEL 2.2448	GEL 2.1659
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3194	USD 1.3550	USD 1.3129

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.

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas	B	USD 1 =	GHS 1.8191	GHS 1.8679	GHS 1.8990	GHS 1.9098
		S	USD 1 =	GHS 1.8535	GHS 1.9012	GHS 1.9016	GHS 1.9124
	GHS	B	EUR 1 =	GHS 2.3494	GHS 2.4632	GHS 2.5738	GHS 2.5110
		S	EUR 1 =	GHS 2.3937	GHS 2.5063	GHS 2.5773	GHS 2.5138
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 1.2848	USD 1.3194	USD 1.3550	USD 1.3129
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 3.4538	XCD 3.5468	XCD 3.6425	XCD 3.5293
		V, S	EUR 1 =	XCD 3.4907	XCD 3.5847	XCD 3.6814	XCD 3.5670
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ	M	USD 1 =	GTQ 7.83980	GTQ 7.90230	GTQ 7.82798	GTQ 7.83436
		V, M	EUR 1 =	GTQ 10.13717	GTQ 10.42629	GTQ 10.60691	GTQ 10.28573
Guinea							
Conakry 260	Guinean franc	B	USD 1 =	GNF 6,664.2067	GNF 6,652.1835	GNF 6,669.1434	GNF 6,611.5623
		S	USD 1 =	GNF 7,076.4257	GNF 7,063.6588	GNF 7,081.6677	GNF 7,020.5250
	GNF	B	EUR 1 =	GNF 8,612.2704	GNF 8,773.9639	GNF 9,040.8908	GNF 8,685.0805
		S	EUR 1 =	GNF 9,144.9881	GNF 9,316.6834	GNF 9,600.1211	GNF 9,222.3020
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 203.84	GYD 203.99	GYD 204.24	GYD 204.24
		S	USD 1 =	GYD 206.27	GYD 206.42	GYD 206.67	GYD 206.67
	GYD	B	EUR 1 =	GYD 263.48	GYD 269.02	GYD 276.82	GYD 267.82
		S	EUR 1 =	GYD 266.82	GYD 272.43	GYD 280.33	GYD 271.21

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.

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 42.0110	HTG 42.5530	HTG 42.7534	HTG 42.8610
		V, M	EUR 1 =	HTG 54.3233	HTG 56.1444	HTG 57.9309	HTG 56.2722
Honduras							
Tegucigalpa 424	Lempira = 100 centavos HNL	B	USD 1 =	HNL 19.5386	HNL 19.9623	HNL 20.0410	HNL 20.1163
		S	USD 1 =	HNL 19.6750	HNL 20.1020	HNL 20.1806	HNL 20.2514
		V, B	EUR 1 =	HNL 25.2644	HNL 26.3383	HNL 27.1556	HNL 26.4107
		V, S	EUR 1 =	HNL 25.4407	HNL 26.5226	HNL 27.3447	HNL 26.5881
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.74472	HKD 7.73962	HKD 7.74612	HKD 7.74450
		S	USD 1 =	HKD 7.76801	HKD 7.76018	HKD 7.76668	HKD 7.76660
		B	EUR 1 =	HKD 9.99419	HKD 10.19038	HKD 10.48988	HKD 10.16378
		S	EUR 1 =	HKD 10.06214	HKD 10.25042	HKD 10.54992	HKD 10.22382
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 225.37	HUF 220.93	HUF 215.60	HUF 225.80
		M	EUR 1 =	HUF 288.05	HUF 291.29	HUF 292.40	HUF 296.25
Iceland							
Reykjavik 024	Icelandic krona ISK	B	USD 1 =	ISK 126.59	ISK 128.43	ISK 126.45	ISK 125.54
		S	USD 1 =	ISK 127.20	ISK 129.05	ISK 127.05	ISK 126.14
		B	EUR 1 =	ISK 160.29	ISK 169.33	ISK 171.36	ISK 164.47
		S	EUR 1 =	ISK 161.18	ISK 170.27	ISK 172.32	ISK 165.39
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	B	USD 1 =	INR 52.99	INR 54.34	INR 52.63	INR 53.61
		S	USD 1 =	INR 53.82	INR 55.16	INR 53.45	INR 54.43
		B	EUR 1 =	INR 68.23	INR 71.59	INR 71.18	INR 70.23
		S	EUR 1 =	INR 69.80	INR 73.09	INR 72.83	INR 71.71
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 9,359.88	IDR 9,622.00	IDR 9,650.00	IDR 9,619.00
		S	USD 1 =	IDR 9,453.71	IDR 9,718.00	IDR 9,746.00	IDR 9,715.00
		B	EUR 1 =	IDR 12,098.85	IDR 12,744.34	IDR 13,088.30	IDR 12,644.18
		S	EUR 1 =	IDR 12,223.43	IDR 12,875.38	IDR 13,219.47	IDR 12,772.31
Iran, Islamic Republic of ¹							
Tehran 616	Iranian rial = 100 dinars IRR	M	USD 1 =	IRR 12,260	IRR 12,260	IRR 12,260	IRR 12,260
		M	EUR 1 =	IRR 15,844	IRR 16,198	IRR 16,641	IRR 16,119

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 2012	Rate at end of month			
					December 2012	January 2013	February 2013	
Iraq								
Baghdad 612	Iraqi dinar = 1,000 fils	B	USD 1 =	IQD 1,164.000	IQD 1,164.000	IQD 1,164.000	IQD 1,164.000	
		S	USD 1 =	IQD 1,166.000	IQD 1,166.000	IQD 1,166.000	IQD 1,166.000	
	IQD	B	EUR 1 =	IQD 1,501.222	IQD 1,536.369	IQD 1,578.091	IQD 1,526.347	
		S	EUR 1 =	IQD 1,501.973	IQD 1,537.138	IQD 1,578.881	IQD 1,527.110	
	Ireland							
	Dublin 007	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3194	USD 1.3550	USD 1.3129
Israel								
Jerusalem 624	New Israeli sheqel = 100 agorot ILS	M	USD 1 =	ILS 3.8580	ILS 3.7330	ILS 3.7280	ILS 3.7080	
		M	EUR 1 =	ILS 4.9645	ILS 4.9206	ILS 5.0534	ILS 4.8629	
Italy								
Rome 005	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3194	USD 1.3550	USD 1.3129	
Jamaica								
Kingston 464	Jamaican dollar = 100 cents	B	USD 1 =	JMD 88.7233	JMD 92.1498	JMD 93.0770	JMD 96.2865	
		S	USD 1 =	JMD 89.2293	JMD 92.9776	JMD 94.1377	JMD 97.1066	
	JMD	B	EUR 1 =	JMD 114.3491	JMD 122.0843	JMD 126.4110	JMD 126.0470	
		S	EUR 1 =	JMD 114.9744	JMD 122.9712	JMD 127.6880	JMD 127.3195	
Japan								
Tokyo 732	Japanese yen = 100 sen	B	USD 1 =	JPY 78.75	JPY 85.58	JPY 90.14	JPY 91.51	
		S	USD 1 =	JPY 80.75	JPY 87.58	JPY 92.14	JPY 93.51	
	JPY	B	EUR 1 =	JPY 101.96	JPY 113.21	JPY 122.19	JPY 120.15	
		S	EUR 1 =	JPY 104.96	JPY 116.21	JPY 125.19	JPY 123.15	
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 0.91113	JOD 0.93265	JOD 0.95877	JOD 0.92727	
		S	EUR 1 =	JOD 0.91907	JOD 0.93961	JOD 0.96446	JOD 0.93450	
Kazakhstan								
Astana 079	Tenge = 100 tiyn KZT	M	USD 1 =	KZT 149.16	KZT 150.74	KZT 150.82	KZT 150.45	
		M	EUR 1 =	KZT 191.85	KZT 199.22	KZT 203.82	KZT 196.80	
Kenya ¹								
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 84.5576	KES 85.9161	KES 87.5139	KES 86.1306	
		S	USD 1 =	KES 84.7455	KES 86.0856	KES 87.7083	KES 86.3417	
	KES	B	EUR 1 =	KES 109.2470	KES 113.3977	KES 118.8139	KES 113.3181	
		S	EUR 1 =	KES 109.5186	KES 113.6528	KES 119.0822	KES 113.5872	

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Kiribati ¹							
Bairiki / Tarawa 812	Australian dollar / Kiribati = 100 cents AUD	² M	AUD 1 =	EUR 0.8043	EUR 0.7868	EUR 0.7660	EUR 0.7818
Korea, Democratic People's Republic of							
Pyongyang 724	North Korean won = 100 chon KPW	B	USD 1 =	KPW 101.28	KPW 99.95	KPW 98.38	KPW 100.15
			S	USD 1 =	KPW 101.80	KPW 100.46	KPW 99.20	KPW 100.97
		B	EUR 1 =	KPW 130.28	KPW 131.55	KPW 133.50	KPW 130.80
S	EUR 1 =		KPW 130.95	KPW 132.23	KPW 134.61	KPW 131.85	
Korea, Republic of							
Seoul 728	South Korean won = 100 chon KRW	B	USD 1 =	KRW 1,115.11	KRW 1,052.60	KRW 1,076.40	KRW 1,072.40
			S	USD 1 =	KRW 1,137.09	KRW 1,073.40	KRW 1,097.60	KRW 1,093.60
		B	EUR 1 =	KRW 1,431.95	KRW 1,387.66	KRW 1,459.24	KRW 1,410.34
S	EUR 1 =		KRW 1,460.87	KRW 1,415.68	KRW 1,488.70	KRW 1,438.82	
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils KWD	B	USD 1 =	KWD 0.27847	KWD 0.27995	KWD 0.27940	KWD 0.28160
			S	USD 1 =	KWD 0.28228	KWD 0.28355	KWD 0.28350	KWD 0.28570
		B	EUR 1 =	KWD 0.359199	KWD 0.369044	KWD 0.378615	KWD 0.369318
S	EUR 1 =		KWD 0.364109	KWD 0.373790	KWD 0.384171	KWD 0.374696	
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tyiyn KGS	M	USD 1 =	KGS 46.9602	KGS 47.4012	KGS 47.7696	KGS 47.5676
		M	EUR 1 =	KGS 60.4458	KGS 62.6573	KGS 64.5105	KGS 62.2279
Lao People's Democratic Republic							
Vientiane 684	Kip LAK	B	USD 1 =	LAK 7,987	LAK 7,968	LAK 7,920	LAK 7,874
			S	USD 1 =	LAK 8,023	LAK 8,005	LAK 7,957	LAK 7,911
		B	EUR 1 =	LAK 10,292	LAK 10,529	LAK 10,737	LAK 10,340
S	EUR 1 =		LAK 10,341	LAK 10,579	LAK 10,788	LAK 10,389	
Latvia							
Riga 054	Latvian lats = 100 santims LVL	M	USD 1 =	LVL 0.5469	LVL 0.5310	LVL 0.5210	LVL 0.5370
		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 1,941.40	LBP 1,987.79	LBP 2,043.27	LBP 1,977.54

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Lesotho ¹							
Maseru 395	Loti = 100 lisente LSL	M	USD 1 =	LSL 8.1972	LSL 8.5126	LSL 9.0668	LSL 8.9585
		M	EUR 1 =	LSL 10.5883	LSL 11.2246	LSL 12.1752	LSL 11.7672
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents LRD	B	USD 1 =	LRD 73.17	LRD 72.00	LRD 74.00	LRD 74.00
		S	USD 1 =	LRD 74.17	LRD 73.00	LRD 75.00	LRD 75.00
		V, B	EUR 1 =	LRD 94.6024	LRD 94.9968	LRD 100.2700	LRD 97.1546
		V, S	EUR 1 =	LRD 95.8956	LRD 96.3162	LRD 101.6250	LRD 98.4675
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham LYD	B	USD 1 =	LYD 1.2566	LYD 1.2533	LYD 1.2498	LYD 1.2719
		S	USD 1 =	LYD 1.2629	LYD 1.2596	LYD 1.2561	LYD 1.2783
		B	EUR 1 =	LYD 1.6218	LYD 1.6532	LYD 1.6951	LYD 1.6720
		S	EUR 1 =	LYD 1.6300	LYD 1.6615	LYD 1.7036	LYD 1.6804
Lithuania							
Vilnius 055	Lithuanian litas = 100 centas LTL	M	USD 1 =	LTL 2.6870	LTL 2.6060	LTL 2.5554	LTL 2.6374
		M	EUR 1 =	LTL 3.4528	LTL 3.4528	LTL 3.4528	LTL 3.4528
Luxembourg							
Luxembourg 018	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3194	USD 1.3550	USD 1.3129
Macao ¹							
Macao 743	Pataca = 100 avos MOP	B	USD 1 =	MOP 7.9392	MOP 7.9342	MOP 7.9409	MOP 7.9395
		S	USD 1 =	MOP 8.0390	MOP 8.0339	MOP 8.0408	MOP 8.0395
		B	EUR 1 =	MOP 10.2481	MOP 10.4977	MOP 10.7758	MOP 10.4374
		S	EUR 1 =	MOP 10.3770	MOP 10.6297	MOP 10.9113	MOP 10.5686
Macedonia ¹							
Skopje 096	Macedonian denar = 100 deni MKD	B	USD 1 =	MKD 47.6094	MKD 46.4177	MKD 45.1987	MKD 46.8124
		S	USD 1 =	MKD 48.0879	MKD 46.8842	MKD 45.6529	MKD 47.2829
		B	EUR 1 =	MKD 61.2187	MKD 61.1925	MKD 61.2035	MKD 61.3102
		S	EUR 1 =	MKD 61.8339	MKD 61.8075	MKD 61.8187	MKD 61.9264
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 2,196.26	MGA 2,270.56	MGA 2,194.07	MGA 2,203.70
		M	EUR 1 =	MGA 2,824.67	MGA 2,980.74	MGA 2,964.78	MGA 2,895.78
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala MWK	B	USD 1 =	MWK 250.9565	MWK 331.7754	MWK 349.0828	MWK 373.7259
		S	USD 1 =	MWK 256.0263	MWK 338.4780	MWK 356.1350	MWK 381.2759
		B	EUR 1 =	MWK 322.5716	MWK 438.5076	MWK 473.6006	MWK 491.0384
		S	EUR 1 =	MWK 329.0882	MWK 447.3663	MWK 483.1683	MWK 500.9584

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Malaysia							
Kuala Lumpur Seat of Government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 3.0568	MYR 3.0288	MYR 3.0501	MYR 3.0550
		S	USD 1 =	MYR 3.1220	MYR 3.0962	MYR 3.1179	MYR 3.1230
	MYR	B	EUR 1 =	MYR 3.9294	MYR 4.0002	MYR 4.1312	MYR 4.0082
		S	EUR 1 =	MYR 4.0329	MYR 4.1056	MYR 4.2400	MYR 4.1137
Maldives							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.39	MVR 15.37	MVR 15.41	MVR 15.40
		V, M	EUR 1 =	MVR 19.90514	MVR 20.27918	MVR 20.88055	MVR 20.21866
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 1.2848	USD 1.3194	USD 1.3550	USD 1.3129
Mauritania							
Nouakchott 228	Ouguiya = 5 khoums MRO	B	USD 1 =	MRO 295.46	MRO 301.52	MRO 297.40	MRO 296.42
		S	USD 1 =	MRO 298.42	MRO 304.55	MRO 300.39	MRO 299.39
	MRO	B	EUR 1 =	MRO 380.73	MRO 399.56	MRO 403.02	MRO 388.19
		S	EUR 1 =	MRO 384.54	MRO 403.56	MRO 407.06	MRO 392.08
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 29.3421	MUR 30.1113	MUR 29.8579	MUR 30.2302
		S	USD 1 =	MUR 30.6656	MUR 31.0196	MUR 30.7646	MUR 31.1444
	MUR	B	EUR 1 =	MUR 37.8922	MUR 39.7582	MUR 40.4586	MUR 39.7105
		S	EUR 1 =	MUR 39.6217	MUR 40.9591	MUR 41.6676	MUR 40.9108
Mexico							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 13.1501	MXN 12.8684	MXN 12.7150	MXN 12.7459
		S	USD 1 =	MXN 13.1531	MXN 12.8704	MXN 12.7170	MXN 12.7489
	MXN	V, B	EUR 1 =	MXN 16.9621	MXN 16.9786	MXN 17.2288	MXN 16.7341
		V, S	EUR 1 =	MXN 16.9657	MXN 16.9812	MXN 17.2315	MXN 16.7380
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 12.1134	MDL 12.0634	MDL 12.0998	MDL 12.2452
		M	EUR 1 =	MDL 15.5712	MDL 15.9967	MDL 16.3881	MDL 16.0479
Mongolia							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 1,359.82	MNT 1,392.10	MNT 1,392.56	MNT 1,402.15
		M	EUR 1 =	MNT 1,756.31	MNT 1,835.83	MNT 1,887.41	MNT 1,843.34

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Montenegro ¹							
Podgorica 097	Euro = 100 cent	B	USD 1 =	EUR 0.7754	EUR 0.7563	.	.
		S	USD 1 =	EUR 0.7800	EUR 0.7608	.	.
	M	EUR 1 =	.	.	USD 1.3550 ¹	USD 1.3129	
Morocco							
Rabat 204	Moroccan dirham = 100 centimes	B	USD 1 =	MAD 8.5939	MAD 8.4082	MAD 8.2319	MAD 8.4606
		S	USD 1 =	MAD 8.6456	MAD 8.4588	MAD 8.2813	MAD 8.5115
	B	EUR 1 =	MAD 11.060	MAD 11.114	MAD 11.166	MAD 11.099	
	S	EUR 1 =	MAD 11.126	MAD 11.181	MAD 11.233	MAD 11.166	
Mozambique							
Maputo 366	Metical = 100 centavos	B	USD 1 =	MZN 28.21	MZN 29.41	MZN 29.88	MZN 29.89
		S	USD 1 =	MZN 28.41	MZN 29.61	MZN 30.08	MZN 30.09
	B	EUR 1 =	MZN 36.51	MZN 38.78	MZN 40.49	MZN 39.24	
	S	EUR 1 =	MZN 36.77	MZN 39.05	MZN 40.76	MZN 39.50	
Myanmar							
Nay Pyi Taw 676	Kyat = 100 pyas MMK	M	USD 1 =	.	MMK 857.00	MMK 858.00	MMK 862.00
		M	EUR 1 =	.	MMK 1,134.00	MMK 1,164.10	MMK 1,133.20
Namibia ¹							
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 8.1898	NAD 8.4665	NAD 9.0622	NAD 8.8960
		M	EUR 1 =	NAD 10.5691	NAD 11.1663	NAD 12.2745	NAD 11.6337
Nepal							
Kathmandu 672	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 85.30	NPR 87.48	NPR 85.21	NPR 85.71
		S	USD 1 =	NPR 85.90	NPR 88.08	NPR 85.81	NPR 86.31
	B	EUR 1 =	NPR 110.14	NPR 115.64	NPR 115.16	NPR 112.09	
	S	EUR 1 =	NPR 110.91	NPR 116.43	NPR 115.97	NPR 112.87	
Netherlands							
Amsterdam Seat of Government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3194	USD 1.3550	USD 1.3129
New Caledonia ¹							
Nouméa 809	CFP franc XPF	²	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 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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
New Zealand							
Wellington 804	New Zealand dollar = 100 cents	B	NZD 1 =	USD 0.8237	USD 0.8379	USD 0.8500	USD 0.8455
		S	NZD 1 =	USD 0.8008	USD 0.8127	USD 0.8246	USD 0.8201
	NZD	B	NZD 1 =	EUR 0.6404	EUR 0.6361	EUR 0.6282	EUR 0.6450
		S	NZD 1 =	EUR 0.6183	EUR 0.6125	EUR 0.6050	EUR 0.6211
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 23.5930	NIO 24.1255	NIO 24.2257	NIO 24.3165
		V, M	EUR 1 =	NIO 30.5067	NIO 31.8312	NIO 32.8258	NIO 31.9251
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 154.93	NGN 154.77	NGN 154.74	NGN 154.75
		S	USD 1 =	NGN 155.93	NGN 155.77	NGN 155.74	NGN 155.75
	NGN	B	EUR 1 =	NGN 199.5318	NGN 204.1107	NGN 209.7346	NGN 202.9856
		S	EUR 1 =	NGN 200.8197	NGN 205.4295	NGN 211.0900	NGN 204.2973
Norway							
Oslo 028	Norwegian krone = 100 øre	B	USD 1 =	NOK 5.8116	NOK 5.5787	NOK 5.4708	NOK 5.6856
		S	USD 1 =	NOK 5.8338	NOK 5.6037	NOK 5.4958	NOK 5.7106
	NOK	B	EUR 1 =	NOK 7.4584	NOK 7.3576	NOK 7.4132	NOK 7.4707
		S	EUR 1 =	NOK 7.4889	NOK 7.3936	NOK 7.4492	NOK 7.5067
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 0.4963232	OMR 0.5073792	OMR 0.5179008	OMR 0.5010816
		S	EUR 1 =	OMR 0.4977216	OMR 0.5088160	OMR 0.5193650	OMR 0.5025020
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa	B	USD 1 =	PKR 93.20	PKR 96.90	PKR 97.40	PKR 97.90
		S	USD 1 =	PKR 93.40	PKR 97.10	PKR 97.60	PKR 98.10
	PKR	B	EUR 1 =	PKR 119.95	PKR 128.05	PKR 132.21	PKR 128.67
		S	EUR 1 =	PKR 120.21	PKR 128.31	PKR 132.48	PKR 128.94
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 0.5035	USD 0.4985	USD 0.4970	USD 0.4945
		S	PGK 1 =	USD 0.4615	USD 0.4565	USD 0.4550	USD 0.4525
	PGK	B	PGK 1 =	EUR 0.3854	EUR 0.3722	EUR 0.3648	EUR 0.3714
		S	PGK 1 =	EUR 0.3649	EUR 0.3517	EUR 0.3443	EUR 0.3509

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Paraguay							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 4,422.27	PYG 4,223.51	PYG 4,118.08	PYG 3,988.12
		S	USD 1 =	PYG 4,432.49	PYG 4,252.54	PYG 4,125.27	PYG 4,004.69
	PYG	V, B	EUR 1 =	PYG 5,681.95	PYG 5,567.85	PYG 5,580.00	PYG 5,236.00
		V, S	EUR 1 =	PYG 5,695.16	PYG 5,606.12	PYG 5,589.74	PYG 5,257.76
Peru							
Lima 504	Nuevo sol = 100 céntimos	B	USD 1 =	PEN 2.639	PEN 2.549	PEN 2.578	PEN 2.585
		S	USD 1 =	PEN 2.640	PEN 2.551	PEN 2.578	PEN 2.587
	PEN	B	EUR 1 =	PEN 3.346	PEN 3.330	PEN 3.394	PEN 3.261
		S	EUR 1 =	PEN 3.552	PEN 3.492	PEN 3.528	PEN 3.449
Philippines							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 41.79659	PHP 40.02375	PHP 39.66788	PHP 39.64350
		S	USD 1 =	PHP 42.51549	PHP 42.07625	PHP 41.70213	PHP 41.67650
	PHP	B	EUR 1 =	PHP 53.54778	PHP 52.98344	PHP 53.82137	PHP 52.08363
		S	EUR 1 =	PHP 55.00496	PHP 55.70054	PHP 56.58144	PHP 54.75459
Poland							
Warsaw 060	Polish zloty = 100 groszy PLN	M	USD 1 =	PLN 3.2581	PLN 3.0996	PLN 3.0874	PLN 3.1679
		M	EUR 1 =	PLN 4.1736	PLN 4.0882	PLN 4.1870	PLN 4.1570
Portugal							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3194	USD 1.3550	USD 1.3129
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 4.631	QAR 4.736	QAR 4.866	QAR 4.711
		S	EUR 1 =	QAR 4.778	QAR 4.884	QAR 5.014	QAR 4.858
Romania							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 3.4704	RON 3.3575	RON 3.2332	RON 3.3345
		M	EUR 1 =	RON 4.4513	RON 4.4287	RON 4.3828	RON 4.3698
Russian Federation							
Moscow 075	Russian rouble = 100 kopeken RUB	M	USD 1 =	RUB 31.0739	RUB 30.3727	RUB 30.0277	RUB 30.6202
		M	EUR 1 =	RUB 39.9967	RUB 40.2286	RUB 40.5134	RUB 40.0420

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 609.900652	RWF 626.355378	RWF 627.183841	RWF 629.087265
		S	USD 1 =	RWF 619.737759	RWF 636.457884	RWF 637.299709	RWF 639.233833
	RWF	B	EUR 1 =	RWF 784.159222	RWF 830.547231	RWF 849.583230	RWF 824.481769
		S	EUR 1 =	RWF 796.806952	RWF 843.943155	RWF 863.286186	RWF 837.779863
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 3.4538	XCD 3.5468	XCD 3.6425	XCD 3.5293
		V, S	EUR 1 =	XCD 3.4907	XCD 3.5847	XCD 3.6814	XCD 3.5670
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 3.4538	XCD 3.5468	XCD 3.6425	XCD 3.5293
		V, S	EUR 1 =	XCD 3.4907	XCD 3.5847	XCD 3.6814	XCD 3.5670
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 3.4538	XCD 3.5468	XCD 3.6425	XCD 3.5293
		V, S	EUR 1 =	XCD 3.4907	XCD 3.5847	XCD 3.6814	XCD 3.5670
Samoa							
Apia 819	Tala = 100 sene	B	WST 1 =	USD 0.4451	USD 0.4469	USD 0.4553	USD 0.4461
		S	WST 1 =	USD 0.4281	USD 0.4299	USD 0.4326	USD 0.4291
	WST	B	WST 1 =	EUR 0.3618	EUR 0.3563	EUR 0.3703	EUR 0.3588
		S	WST 1 =	EUR 0.3211	EUR 0.3113	EUR 0.3053	EUR 0.3138
Sao Tome and Principe ¹							
São Tomé 311	Dobra = 100 céntimos	B	USD 1 =	STD 19,026.23	STD 18,584.54	STD 18,093.20	STD 18,706.57
		S	USD 1 =	STD 19,311.62	STD 18,863.31	STD 18,364.60	STD 18,987.17
	STD	M	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 4.7491	SAR 4.8517	SAR 4.9848	SAR 4.8345
		S	EUR 1 =	SAR 5.0116	SAR 5.0993	SAR 5.2391	SAR 5.0780

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
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 87.7097	RSD 85.9178	RSD 81.9160	RSD 84.5903
		S	USD 1 =	RSD 88.2375	RSD 86.4348	RSD 82.4090	RSD 85.0993
	RSD	B	EUR 1 =	RSD 112.8400	RSD 113.3771	RSD 111.2665	RSD 111.1854
		S	EUR 1 =	RSD 113.5191	RSD 114.0595	RSD 111.9361	RSD 111.8546
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 13.4197	SCR 12.8494	SCR 12.5323	SCR 11.9359
		S	USD 1 =	SCR 13.8702	SCR 13.1280	SCR 13.0291	SCR 12.2922
	SCR	B	EUR 1 =	SCR 17.4614	SCR 16.9461	SCR 16.9426	SCR 15.6628
		S	EUR 1 =	SCR 17.9058	SCR 17.3345	SCR 17.4689	SCR 16.0761
Sierra Leone							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 4,298.64	SLL 4,290.77	SLL 4,275.18	SLL 4,278.17
		S	USD 1 =	SLL 4,385.48	SLL 4,377.45	SLL 4,361.55	SLL 4,364.60
	SLL	V, B	EUR 1 =	SLL 5,559.12	SLL 5,661.24	SLL 5,792.87	SLL 5,616.81
		V, S	EUR 1 =	SLL 5,671.42	SLL 5,775.61	SLL 5,909.90	SLL 5,730.28
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.2479	SGD 1.2221	SGD 1.2389	SGD 1.2363
		M	EUR 1 =	SGD 1.6095	SGD 1.6151	SGD 1.6816	SGD 1.6251
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 230.34	ANG 234.99	ANG 241.33	ANG 233.83
S		EUR 100 =	ANG 234.98	ANG 239.73	ANG 246.20	ANG 238.55	
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3194	USD 1.3550	USD 1.3129
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3194	USD 1.3550	USD 1.3129
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents	B	SBD 1 =	USD 0.1372	USD 0.1374	USD 0.1374	USD 0.1385
		S	SBD 1 =	USD 0.1347	USD 0.1349	USD 0.1349	USD 0.1360
	SBD	B	SBD 1 =	EUR 0.1094	EUR 0.1068	EUR 0.1041	EUR 0.1084
		S	SBD 1 =	EUR 0.1036	EUR 0.1011	EUR 0.0985	EUR 0.1026

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Somalia 1							
Mogadishu 342	Somali shilling	B	USD 1 =	.	.	.	.
	SOS	S	USD 1 =	.	.	.	.
South Africa							
Pretoria Seat of Parliament: Cape Town 388	South African rand = 100 cents	B	USD 1 =	ZAR 8.0390	ZAR 8.2861	ZAR 8.7596	ZAR 8.7785
		S	USD 1 =	ZAR 8.3565	ZAR 8.6036	ZAR 9.0771	ZAR 9.0960
	ZAR	B	EUR 1 =	ZAR 10.3436	ZAR 10.9496	ZAR 11.8731	ZAR 11.5134
		S	EUR 1 =	ZAR 10.7915	ZAR 11.4017	ZAR 12.3269	ZAR 11.9629
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 1.2848	USD 1.3194	USD 1.3550	USD 1.3129
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 126.41	LKR 125.56	LKR 125.04	LKR 125.81
		S	USD 1 =	LKR 129.60	LKR 128.82	LKR 128.29	LKR 129.07
	LKR	B	EUR 1 =	LKR 161.79	LKR 165.17	LKR 168.80	LKR 164.60
		S	EUR 1 =	LKR 167.41	LKR 170.96	LKR 174.68	LKR 170.32
Sudan							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 3.6799	SDG 4.3980	SDG 4.3980	SDG 4.3980
		S	USD 1 =	SDG 3.6983	SDG 4.4200	SDG 4.4200	SDG 4.4200
	SDG	B	EUR 1 =	SDG 4.7317	SDG 5.8098	SDG 5.9690	SDG 5.7812
		S	EUR 1 =	SDG 4.7553	SDG 5.8388	SDG 5.9988	SDG 5.8101
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 4.190	SRD 4.284	SRD 4.401	SRD 4.257
		S	EUR 1 =	SRD 4.320	SRD 4.416	SRD 4.536	SRD 4.388
Swaziland 1							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 8.1854	SZL 8.4900	SZL 9.0402	SZL 8.8236
		S	USD 1 =	SZL 8.2167	SZL 8.4928	SZL 9.0542	SZL 8.8311
	SZL	B	EUR 1 =	SZL 10.57058	SZL 11.2501	SZL 12.2531	SZL 11.5474
		S	EUR 1 =	SZL 10.61358	SZL 11.2555	SZL 12.2730	SZL 11.5590
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 6.7429	SEK 6.4831	SEK 6.3275	SEK 6.4027
		S	USD 1 =	SEK 6.8104	SEK 6.5506	SEK 6.3950	SEK 6.4702
	SEK	B	EUR 1 =	SEK 8.6700	SEK 8.6001	SEK 8.6055	SEK 8.4389
		S	EUR 1 =	SEK 8.7215	SEK 8.6516	SEK 8.6570	SEK 8.4904

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Switzerland							
Berne 039	Swiss franc = 100 rappen / centimes	B	USD 1 =	CHF 0.9381	CHF 0.9153	CHF 0.9109	CHF 0.9298
		B	EUR 1 =	CHF 1.2042	CHF 1.2072	CHF 1.2354	CHF 1.2200
	CHF						
Syrian Arab Republic							
Damascus 608	Syrian pound = 100 piastres	B	USD 1 =	SYP 65.19	SYP 77.27	SYP 79.30	SYP 81.71
		S	USD 1 =	SYP 65.58	SYP 77.74	SYP 79.78	SYP 82.20
	B	EUR 1 =	SYP 84.16	SYP 101.89	SYP 107.43	SYP 107.36	
	S	EUR 1 =	SYP 84.75	SYP 102.61	SYP 108.19	SYP 108.12	
Tajikistan							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 4.7632	TJS 4.7705	TJS 4.7615	TJS 4.7541
		M	EUR 1 =	TJS 6.1378	TJS 6.2892	TJS 6.3234	TJS 6.0756
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents	B	USD 1 =	TZS 1,560.3764	TZS 1,563.8020	TZS 1,576.2772	TZS 1,579.6238
		S	USD 1 =	TZS 1,582.7317	TZS 1,579.4400	TZS 1,592.0400	TZS 1,595.4200
	B	EUR 1 =	TZS 2,017.0086	TZS 2,063.9059	TZS 2,125.7675	TZS 2,075.9415	
	S	EUR 1 =	TZS 2,046.4924	TZS 2,085.1767	TZS 2,147.1843	TZS 2,097.0200	
Thailand							
Bangkok 680	Thai baht = 100 satang	B	USD 1 =	THB 30.9253	THB 30.4857	THB 29.6340	THB 29.6636
		S	USD 1 =	THB 31.2076	THB 30.7775	THB 29.9118	THB 29.9455
	B	EUR 1 =	THB 39.7716	THB 40.2522	THB 40.0853	THB 38.8812	
	S	EUR 1 =	THB 40.3741	THB 40.8603	THB 40.6736	THB 39.4688	
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	B	TOP 1 =	USD 0.6058	USD 0.5859	USD 0.5903	USD 0.5864
		S	TOP 1 =	USD 0.5698	USD 0.5639	USD 0.5683	USD 0.5644
	B	TOP 1 =	EUR 0.4904	EUR 0.4582	EUR 0.4503	EUR 0.4615	
	S	TOP 1 =	EUR 0.4287	EUR 0.4132	EUR 0.4053	EUR 0.4165	
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents	B	USD 1 =	TTD 6.3641	TTD 6.3306	TTD 6.3623	TTD 6.3220
		S	USD 1 =	TTD 6.4371	TTD 6.4323	TTD 6.4301	TTD 6.4424
	B	EUR 1 =	TTD 8.0425	TTD 8.2137	TTD 8.4341	TTD 8.3329	
	S	EUR 1 =	TTD 8.3584	TTD 8.5991	TTD 8.9329	TTD 8.5338	

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes	B	USD 1 =	TND 1.5527	TND 1.5505	TND 1.5356	TND 1.5722
		S	USD 1 =	TND 1.5593	TND 1.5536	TND 1.5386	TND 1.5754
	TND	B	EUR 1 =	TND 1.9978	TND 2.0451	TND 2.0801	TND 2.0614
		S	EUR 1 =	TND 2.0064	TND 2.0492	TND 2.0843	TND 2.0655
Turkey							
Ankara 052	Turkish lira = 100 kuruş	B	USD 1 =	TRY 1.7925	TRY 1.7826	TRY 1.7588	TRY 1.8050
		S	USD 1 =	TRY 1.8011	TRY 1.7912	TRY 1.7673	TRY 1.8082
	TRY	B	EUR 1 =	TRY 2.3046	TRY 2.3517	TRY 2.3805	TRY 2.3627
		S	EUR 1 =	TRY 2.3157	TRY 2.3630	TRY 2.3920	TRY 2.3669
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 3.6628	TMT 3.7646	TMT 3.8509	TMT 3.7278
Uganda							
Kampala 350	Uganda shilling	B	USD 1 =	UGX 2,508.53	UGX 2,680.98	UGX 2,660.30	UGX 2,641.18
		S	USD 1 =	UGX 2,518.35	UGX 2,690.91	UGX 2,670.05	UGX 2,651.15
	UGX	B	EUR 1 =	UGX 3,236.52	UGX 3,544.79	UGX 3,609.76	UGX 3,462.59
		S	EUR 1 =	UGX 3,249.20	UGX 3,557.92	UGX 3,622.99	UGX 3,475.66
Ukraine							
Kyiv 072	Hryvnia = 100 kopeken UAH	M	USD 100 =	UAH 799.10	UAH 799.30	UAH 799.30	UAH 799.30
		M	EUR 100 =	UAH 1,027.2801	UAH 1,053.7172	UAH 1,082.3321	UAH 1,046.8432
United Arab Emirates ¹							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils	B	USD 1 =	AED 3.653	AED 3.653	AED 3.653	AED 3.653
		S	USD 1 =	AED 3.685	AED 3.685	AED 3.685	AED 3.685
	AED	B	EUR 1 =	AED 4.65207	AED 4.72013	AED 4.86347	AED 4.73854
		S	EUR 1 =	AED 4.84510	AED 4.91376	AED 5.06041	AED 4.93167
United Kingdom ¹							
London 006	Pound sterling = 100 pence GBP	M	GBP 1 =	USD 1.5851	USD 1.6168	USD 1.5856	USD 1.5179
		M	EUR 1 =	GBP 0.8112	GBP 0.8154	GBP 0.8561	GBP 0.8614
United States							
Washington 400	US dollar = 100 cents	B	EUR 1 =	USD 1.2905	USD 1.3190	USD 1.3578	USD 1.3136
		S	EUR 1 =	USD 1.2907	USD 1.3192	USD 1.3579	USD 1.3138
	USD	B	GBP 1 =	USD 1.5849	USD 1.6232	USD 1.5855	USD 1.5152
		S	GBP 1 =	USD 1.5852	USD 1.6235	USD 1.5859	USD 1.5156

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 2012	Rate at end of month		
					December 2012	January 2013	February 2013
Uruguay							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	B / S	USD 1 =	UYU 20.304	UYU 19.399	UYU 19.143	UYU 19.114
		B / S	EUR 1 =	UYU 26.076	UYU 25.648	UYU 25.996	UYU 25.004
Uzbekistan							
Tashkent 081	Uzbekistan sum = 100 tijin UZS	M	USD 1 =	UZS 1,893.40	UZS 1,984.00	UZS 1,998.82	UZS 2,021.22
		M	EUR 1 =	UZS 2,436.92	UZS 2,620.31	UZS 2,668.71	UZS 2,693.07
Vanuatu							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 91.63	VUV 91.27	VUV 90.52	VUV 91.95
		S	USD 1 =	VUV 96.25	VUV 95.86	VUV 95.06	VUV 96.57
		B	EUR 1 =	VUV 118.09	VUV 120.34	VUV 122.55	VUV 120.62
		S	EUR 1 =	VUV 122.58	VUV 124.95	VUV 127.24	VUV 125.24
Venezuela, Bolivarian Republic of ¹							
Caracas 484	Bolívar = 100 céntimos VEF	B	USD 1 =	VEF 4.2893	VEF 4.2893	VEF 4.2893	VEF 6.2842
		S	USD 1 =	VEF 4.3000	VEF 4.3000	VEF 4.3000	VEF 6.3000
		B	EUR 1 =	VEF 5.51387257	VEF 5.66916781	VEF 5.82486940	VEF 8.20465152
		S	EUR 1 =	VEF 5.52867596	VEF 5.68417000	VEF 5.83983000	VEF 8.22780000
Viet Nam							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 20,846	VND 20,820	VND 20,825	VND 20,880
		S	USD 1 =	VND 20,898	VND 20,860	VND 20,865	VND 20,980
		B	EUR 1 =	VND 26,792.70	VND 27,404.42	VND 28,079.62	VND 27,282.37
		S	EUR 1 =	VND 27,180.03	VND 27,788.55	VND 28,473.19	VND 27,752.90
Yemen							
Sana'a 653	Yemeni rial = 100 fils YER	B	USD 1 =	YER 214.31	YER 214.87	YER 214.87	YER 214.87
		S	USD 1 =	YER 214.38	YER 214.91	YER 214.91	YER 214.91
		B	EUR 1 =	YER 277.07	YER 283.64	YER 289.80	YER 282.43
		S	EUR 1 =	YER 277.16	YER 283.69	YER 289.85	YER 282.48
Zambia ¹							
Lusaka 378	Kwacha = 100 ngwee ZMK / ZMW	B	USD 1 =	ZMK 5,163.73	ZMK 5,136.6133	ZMW 5.3941 ¹	ZMW 5.3390
		S	USD 1 =	ZMK 5,183.73	ZMK 5,156.6133	ZMW 5.4141 ¹	ZMW 5.3590
		B	EUR 1 =	ZMK 6,679.16	ZMK 6,774.16	ZMW 7.3117 ¹	ZMW 7.0113
		S	EUR 1 =	ZMK 6,711.08	ZMK 6,801.57	ZMW 7.3393 ¹	ZMW 7.0381
Zimbabwe ¹							
Harare 382	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =	.	.	.	.
		M	EUR 1 =	.	.	.	.

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

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
2012	1.53692	1.16583	0.953662	133.020	1.52954	1.40874	10.0140	8.69762	8.55432

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
2009 June	1.55223	1.09822	0.937339	148.936	1.80446	1.67687	11.9327	8.17855	9.90383
July	1.55333	1.09869	0.937664	148.079	1.67604	1.68381	11.4480	8.18090	9.57506
Aug	1.56606	1.09730	0.957992	145.174	1.71750	1.66394	11.1739	8.16733	9.44448
Sep	1.58437	1.08200	0.983294	142.229	1.69876	1.63032	11.1025	8.05477	9.15374
Oct	1.58989	1.07425	0.962399	145.284	1.71295	1.62630	11.1531	7.99571	9.01453
Nov	1.61018	1.07181	0.977469	139.683	1.70261	1.61437	11.2109	7.97684	9.12375
Dec	1.56769	1.08822	0.968007	143.797	1.64075	1.61551	11.3070	8.10688	9.05608
2010 Jan	1.55419	1.11284	0.963066	139.644	1.65522	1.63159	11.3961	8.28432	9.13868
Feb	1.53258	1.12939	1.00676	136.783	1.61320	1.65105	11.0001	8.40576	9.08422
Mar	1.51824	1.12637	1.00214	141.576	1.54192	1.60964	11.0186	8.38553	9.08306
Apr	1.51112	1.13490	0.985853	142.136	1.52865	1.62823	10.9178	8.48356	8.90274
May	1.47433	1.19051	1.01120	134.606	1.54790	1.69430	11.5698	8.85865	9.47831
June	1.47890	1.20520	0.984291	131.030	1.56852	1.59898	11.4947	8.97722	9.60836
July	1.51852	1.16558	0.974906	131.352	1.56255	1.57835	10.9827	8.68470	9.25523
Aug	1.50891	1.18999	0.979557	127.126	1.60533	1.54090	11.2150	8.85928	9.54918
Sep	1.55619	1.14023	0.977871	129.786	1.60256	1.51417	10.4848	8.49697	9.08538
Oct	1.57179	1.13429	0.987177	126.654	1.60133	1.55481	10.6488	8.45745	9.29213
Nov	1.52578	1.17385	0.982598	128.394	1.56606	1.52242	10.6919	8.74868	9.49767
Dec	1.54003	1.15966	0.997755	125.436	1.54142	1.44702	10.4761	8.64469	9.06742
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	8.65507
Dec	1.53527	1.18654	0.992989	119.321	1.56254	1.44453	10.6293	8.82099	9.20039
2012 Jan	1.55108	1.17720	0.982386	118.441	1.55915	1.41707	10.4728	8.75197	9.01274
Feb	1.55602	1.15750	0.975991	125.493	1.53517	1.39529	10.2052	8.60667	8.61245
Mar	1.54909	1.15984	0.967633	127.257	1.54769	1.39898	10.2563	8.62917	8.81943
Apr	1.55055	1.17341	0.953534	125.735	1.53256	1.40976	10.4211	8.72882	8.90321
May	1.51026	1.21765	0.974108	119.008	1.56296	1.46344	10.9270	9.04945	9.16103
June	1.51755	1.20536	0.972602	120.342	1.54653	1.44987	10.5670	8.95993	9.07993
July	1.50833	1.22788	0.961575	117.876	1.51044	1.47530	10.2610	9.13626	9.11278
Aug	1.52201	1.20689	0.960929	119.402	1.50116	1.45200	10.1599	8.99297	8.80134
Sep	1.54219	1.19272	0.952499	119.628	1.51705	1.44272	10.0680	8.89229	8.78974
Oct	1.54057	1.18569	0.955922	122.691	1.53995	1.43057	10.2185	8.84502	8.75695
Nov	1.53481	1.18190	0.955849	126.545	1.52437	1.41970	10.2063	8.81686	8.71771
Dec	1.53692	1.16583	0.953662	133.020	1.52954	1.40874	10.0140	8.69762	8.55432
2013 Jan	1.54134	1.13752	0.976582	140.369	1.54010	1.40508	9.80286	8.48738	8.45745
Feb	1.51483	1.15380	0.997128	140.092	1.55800	1.41000	9.74820	8.60274	8.63849

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
2012 Dec									
3	1.53654	1.17679	0.957341	126.534	1.52547	1.42176	10.2243	8.77917	8.64827
4	1.53990	1.17622	0.955155	126.426	1.52866	1.42749	10.1895	8.77501	8.64103
5	1.53941	1.17827	0.955320	126.616	1.52586	1.42903	10.1510	8.78974	8.66731
6	1.53825	1.17675	0.955019	126.783	1.52441	1.42565	10.1666	8.77755	8.63267
7	1.53171	1.18692	0.955886	126.351	1.51487	1.43246	10.2027	8.85316	8.70072
10	1.53148	1.18444	0.953953	126.439	1.51187	1.43132	10.2456	8.83478	8.67596
11	1.53492	1.18135	0.953962	126.432	1.51451	1.43055	10.2620	8.81197	8.66814
12	1.53625	1.17810	0.951710	126.817	1.51382	1.42886	10.1836	8.78920	8.63491
13	1.53665	1.17508	0.952726	128.156	.	1.42386	10.2347	8.76716	8.61631
14	1.53696	1.17496	0.953507	128.951	1.51544	1.41938	10.2586	8.76670	.
17	1.54069	1.17074	0.950805	129.418	1.51619	1.41466	10.2624	8.73523	8.62895
18	1.54163	1.16985	0.951448	129.466	1.51912	1.41259	10.2301	8.72745	8.63931
19	1.54554	1.16188	0.948245	130.366	1.52514	1.40737	10.1848	8.66859	8.56957
20	1.54524	1.16657	0.949983	130.187	1.52716	1.40694	10.1237	8.70405	8.59121
21	1.54244	1.16772	0.949956	129.457	1.53350	1.41072	10.0633	8.71262	8.54248
26	1.53976	.	.	131.111	.	.	.	.	.
27	1.54148	1.16198	0.953007	132.259	1.53362	1.40398	10.0204	8.66852	8.57082
28	1.53692	1.16583	0.953662	133.020	1.52954	1.40874	10.0140	8.69762	8.55432
2013 Jan									
2	1.54021	1.16137	0.945144	.	1.51849	.	9.9368	8.66401	8.49827
3	1.53358	1.17050	0.947822	.	1.51104	1.41350	9.98143	8.73179	8.53468
4	1.52489	1.17191	0.952045	133.657	1.50294	1.41846	9.97586	8.74149	8.55373
7	1.52727	1.17131	0.951095	134.522	1.50589	1.41593	10.0105	8.73767	8.55761
8	1.53208	1.17078	0.951602	134.103	1.51263	1.41120	9.97327	8.73439	8.57662
9	1.52832	1.17059	0.953471	133.651	1.50815	1.41568	10.0203	8.73324	8.57449
10	1.52986	1.16668	0.952590	134.842	1.50844	1.41145	10.0455	8.70413	8.51448
11	1.53573	1.15694	0.953216	136.680	1.51131	1.40765	9.97019	8.63200	8.50239
14	1.53915	1.15370	0.957185	.	1.51453	1.41155	9.93967	8.60956	8.49408
15	1.53962	1.15527	0.959205	137.919	1.51483	1.42584	9.93335	8.62114	8.54847
16	1.53821	1.15855	0.959104	135.593	1.51514	1.42976	10.0499	8.64551	8.59646
17	1.53861	1.15097	0.959896	136.398	1.51599	1.43183	10.0024	8.58915	8.52341
18	1.53653	1.15321	0.963883	138.365	1.52685	1.43235	9.98273	8.60644	8.60289
22	1.53704	1.15419	0.968701	137.027	1.52690	1.42760	10.0024	8.58944	8.58944
23	1.53704	1.15306	0.969368	136.258	1.53488	1.42683	10.0296	8.60526	8.53439
24	1.53432	1.14939	0.969678	135.864	1.53831	1.42707	9.9992	8.57670	8.52101
25	1.53615	1.14051	0.974469	139.022	1.54813	1.41894	9.96413	8.51122	8.46711
28	1.53607	1.14257	0.978081	139.860	1.54667	1.42348	9.93937	8.52413	8.50311
29	1.53652	1.14384	0.976248	139.363	1.54098	1.42021	9.87235	8.53250	8.47702
30	1.54065	1.13776	0.976696	140.091	1.54573	1.41293	9.80325	8.48882	8.45923
31	1.54134	1.13752	0.976582	140.369	1.54010	1.40508	9.80286	8.48738	8.45745
Feb									
1	1.54409	1.13170	0.975296	142.334	1.54208	1.39693	9.76992	8.44274	8.40569
4	1.53837	1.13516	0.978359	142.561	1.53483	1.40238	9.71251	8.46812	8.43135
5	1.53812	1.13623	0.976706	141.938	1.53381	1.39723	9.73568	8.47580	8.42396
6	1.53531	1.13583	0.980402	144.012	1.52917	1.40250	9.74782	8.47307	8.43128
7	1.53707	1.13470	0.978091	143.531	1.53599	1.39612	9.74440	8.46539	8.43647
8	1.53302	1.14627	0.973596	143.613	1.53608	1.40501	9.82772	8.55147	8.47206
11	1.52982	1.14242	0.97521	.	.	1.40468	9.84252	8.52442	8.43049
12	1.53047	1.13891	0.980315	144.247	1.53491	1.40375	9.80373	8.49791	8.41312
13	1.53263	1.13696	0.984281	143.040	1.53569	1.40603	9.72668	8.48356	8.38054
14	1.52561	1.14475	0.983632	142.614	1.52683	1.40722	9.63113	8.54037	8.42595
15	1.52646	1.14556	0.985319	141.198	1.53715	1.40953	9.66753	8.54467	8.47077
19	1.52521	1.14256	0.986106	143.065	1.54321	1.40975	9.65568	8.52348	8.47436
20	1.52501	1.14062	0.996741	142.924	1.54986	1.40636	9.59840	8.50955	8.44794
21	1.51715	1.15058	0.994659	141.793	1.54522	1.41368	9.66576	8.58281	8.60119
22	1.51612	1.14980	0.993789	141.454	1.55008	1.41211	9.69518	8.57699	8.58546
25	1.51819	1.14115	1.00369	143.089	1.55842	1.40539	9.70666	8.51462	8.52159
26	1.51278	1.15683	0.999061	139.933	1.55514	1.40719	9.79298	8.62865	8.62939
27	1.51429	1.15621	1.00112	139.209	1.55215	1.40875	9.75838	8.62151	8.63342
28	1.51483	1.15380	0.997128	140.092	1.55800	1.41000	9.74820	8.60274	8.63849
Mar									
1	1.50751	1.15962	1.00380	139.596	1.55047	1.41797	9.68955	8.64633	8.68040
4	1.50628	1.15805	1.00098	140.987	1.55116	1.41936	9.69951	8.63379	8.62225
5	1.50955	1.15816	0.995946	140.917	1.55333	1.42200	9.65111	8.63491	8.61668
6	1.50875	1.15746	0.99977	140.586	.	.	.	.	.
7	1.50554	1.15722	1.00463	141.671	1.55101	1.42544	9.61936	8.62656	8.58244
8	1.50789	1.15194	1.00265	143.159	1.54905	1.42179	9.55484	8.59025	8.57442
11	1.50094	1.15510	1.00917	144.241	1.54117	1.42665	9.61742	8.61349	8.59232

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

VI Global exchange rate arrangements and monetary policy framework *

As of end-April 2012

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 ⁴ Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo CAEMC ⁵ Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon	Fiji Kuwait Libya Morocco Samoa	Bhutan Lesotho Namibia Nepal Swaziland			
Stabilised arrangement	Cambodia Guyana Iraq Lebanon Maldives Suriname Trinidad and Tobago	Macedonia	Viet Nam ⁶		Tajikistan ^{6 7} Ukraine ⁶	Guatemala ⁶	Angola ^{6 7} Azerbaijan ⁶ Egypt ^{7 8} Lao People's Democratic Republic ⁶
Crawling peg	Nicaragua		Botswana				Bolivia, Plurinational State of ^{6 7}
Crawl-like arrangement	Ethiopia Honduras Jamaica Kazakhstan	Croatia			Argentina ⁶ China ⁶ Rwanda ⁶ Uzbekistan ⁶	Dominican Republic ⁶	Haiti ⁶ Tunisia ⁸

VI Global exchange rate arrangements and monetary policy framework *

As of end-April 2012

Exchange rate arrangement	Monetary Policy Framework						
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework	Other ¹
	US dollar	Euro	Exchange rate anchor Composite	Other			
Pegged exchange rate within horizontal bands			Tonga				
Other managed arrangement	Liberia ⁷		Algeria Iran, Islamic Republic of Singapore ⁷ Syrian Arab Republic ⁷ Vanuatu	Bangladesh Burundi Congo, Democratic Republic of the Guinea Kyrgyzstan Malawi Nigeria Paraguay Yemen			Belarus Costa Rica Malaysia Mauritania Myanmar Russian Federation Solomon Islands Sudan Switzerland
Floating				Afghanistan Gambia Kenya Madagascar Mongolia Mozambique Pakistan ⁷ Papua New Guinea Seychelles Sierra Leone Sri Lanka Tanzania, United Republic of Uganda Zambia	Albania Armenia ⁹ Brazil Colombia Georgia ⁹ Ghana Hungary Iceland Indonesia Korea, Republic of Moldova, Republic of Peru Philippines Romania Serbia South Africa Thailand Turkey Uruguay		India Mauritius
Free floating					Australia Canada Chile Czech Republic Israel Mexico New Zealand Norway Poland Sweden United Kingdom		Japan Somalia 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 2012, Table 1, IMF, Washington. * See Explanatory notes, p 60. ¹ Includes countries that have no explicitly stated nominal anchor, but rather monitor various indicators in conducting monetary policy. ² The members participate in the Eastern Caribbean Currency Union. ³ The member participates in ERM II. ⁴ The members participate in the West African Economic and Monetary Union. ⁵ The members participate in the

Central African Economic and Monetary Community. ⁶ The de facto monetary policy framework is an exchange rate anchor to the US dollar. ⁷ The exchange rate arrangement was reclassified retroactively, overriding a previously published classification. 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-February 2013

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
			EGP	Egyptian pound	Egypt	IDR	Indonesian rupiah	Indonesia
AWG	Aruban florin	Aruba	ERN	Nakfa	Eritrea	ILS	New Israeli sheqel	Israel
AZN	Azerbaijan manat	Azerbaijan	ETB	Birr	Ethiopia	INR	Indian rupee	India Bhutan
			EUR	Euro	Austria Belgium Cyprus Estonia Finland France Germany Greece Ireland Italy Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain	IQD	Iraqi dinar	Iraq
BAM	Convertible marka	Bosnia and Herzegovina			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	IRR	Iranian rial	Iran, Islamic Republic of
BBD	Barbados dollar	Barbados				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-February 2013

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	WST	Tala	Samoa
MOP	Pataca	Macao	SHP	Saint Helena pound	Saint Helena, Ascension and Tristan da Cunha	XAF	CFA franc	Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon
MRO	Ouguiya	Mauritania	SLL	Leone	Sierra Leone	XCD	East Caribbean dollar	Anguilla Antigua and Barbuda Dominica Grenada Montserrat Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines
MUR	Mauritian rupee	Mauritius	SOS	Somali shilling	Somalia	XOF	CFA franc	Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo
MVR	Rufiyaa	Maldives	SRD	Surinamese dollar	Suriname	XPF	CFP franc	New Caledonia French Polynesia Wallis and Futuna (Islands)
MWK	Malawi kwacha	Malawi	SSP	South Sudanese pound	South Sudan			
MXN	Mexican peso	Mexico	STD	Dobra	Sao Tome and Principe			
MYR	Malaysian ringgit	Malaysia	SVK	El Salvador colón	El Salvador			
MZN	Metical	Mozambique	SYP	Syrian pound	Syrian Arab Republic			
NAD	Namibia dollar	Namibia	SZL	Lilangeni	Swaziland			
NGN	Naira	Nigeria	THB	Thai baht	Thailand			
NIO	Córdoba	Nicaragua	TJS	Somoni	Tajikistan			
NOK	Norwegian krone	Norway Spitzbergen/ Spitsbergen	TMT	Turkmen manat	Turkmenistan			
NPR	Nepalese rupee	Nepal	TND	Tunisian dinar	Tunisia			
NZD	New Zealand dollar	New Zealand Cook Islands Niue Pitcairn Islands Group Tokelau	TOP	Pa'anga	Tonga			
OMR	Rial Omani	Oman	TRY	Turkish lira	Turkey			
PAB	Balboa	Panama	TTD	Trinidad and Tobago dollar	Trinidad and Tobago			
PEN	Nuevo sol	Peru	TWD	New Taiwan dollar	China (Taiwan)			
PGK	Kina	Papua New Guinea	TZS	Tanzania shilling	Tanzania, United Republic of			
PHP	Philippine peso	Philippines	UAH	Hryvnia	Ukraine			
PKR	Pakistani rupee	Pakistan	UGX	Uganda shilling	Uganda			
PLN	Polish zloty	Poland	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	ZMK	Kwacha	Zambia
PYG	Guaraní	Paraguay				ZMW	Kwacha	Zambia ¹
QAR	Qatari riyal	Qatar				ZWL	Zimbabwe dollar	Zimbabwe ¹
RON	Romanian leu	Romania				Memo item		
RSD	Serbian dinar	Serbia				XAG	Silver	
RUB	Russian rouble	Russian Federation				XAU	Gold	
RWF	Rwanda franc	Rwanda				XDR	Special drawing right	
						XPD	Palladium	
						XPT	Platinum	

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 be-

yond the end of the first period. For information on the revision of trade weights carried out in February 2012, see ECB Monthly Bulletin, March 2012, pp 17-21.

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 134 of June 2012, which can be downloaded from the ECB's website (www.ecb.int).

■ Indicators of the German economy's price competitiveness

The calculation of indicators of the German economy's price competitiveness, shown as a memo item, is methodically consistent with the ECB's procedure for determining the effective exchange rates of the euro (see Deutsche Bundesbank, *Monthly Report*, November 2001, pp 50-53, May 2007, pp 31-35 and February 2012, pp 34-35).

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^{o)}

Figures in %

As of February 2012

Trading partner	Calculation period for weights														
	EER-12					EER-20					EER-40				
	1995 to 1997	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	1995 to 1997	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	1995 to 1997	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009
	Period of use of weights														
Up to end of 1997	1998 to 2000	2001 to 2003	2004 to 2006	From 2007	Up to end of 1997	1998 to 2000	2001 to 2003	2004 to 2006	From 2007	Up to end of 1997	1998 to 2000	2001 to 2003	2004 to 2006	From 2007	
EER-40 group											100.0	100.0	100.0	100.0	100.0
EER-20 group						100.0	100.0	100.0	100.0	100.0					
EER-12 group	100.0	100.0	100.0	100.0	100.0										
Australia	1.2	1.2	1.3	1.4	1.5	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8
Canada	2.1	2.3	2.5	2.5	2.6	1.8	1.9	1.9	1.8	1.7	1.5	1.6	1.6	1.4	1.3
Denmark	3.7	3.4	3.6	3.8	4.1	3.2	2.8	2.8	2.7	2.6	2.6	2.3	2.3	2.2	2.1
Hong Kong	2.9	2.5	2.4	2.6	2.5	2.4	2.1	1.9	1.8	1.6	2.0	1.7	1.5	1.5	1.3
Japan	14.1	13.0	11.9	11.7	11.3	12.0	10.8	9.2	8.3	7.2	9.7	8.8	7.6	6.7	5.8
Korea, Republic of	4.2	3.9	4.3	5.6	6.2	3.6	3.3	3.4	4.0	3.9	2.9	2.7	2.8	3.2	3.1
Norway	1.9	1.7	1.6	1.9	2.1	1.6	1.4	1.3	1.3	1.3	1.3	1.2	1.0	1.1	1.1
Singapore	2.7	2.3	2.2	2.4	2.3	2.3	1.9	1.7	1.7	1.5	1.8	1.6	1.4	1.4	1.2
Sweden	6.7	6.3	6.0	7.0	7.4	5.8	5.2	4.7	4.9	4.7	4.7	4.3	3.8	4.0	3.7
Switzerland	9.6	8.7	8.9	9.2	10.2	8.2	7.2	6.9	6.5	6.5	6.6	5.9	5.7	5.2	5.2
United Kingdom	26.5	26.1	26.2	24.9	23.4	22.7	21.6	20.4	17.6	14.9	18.3	17.7	16.7	14.2	11.9
United States	24.4	28.6	29.2	27.1	26.5	20.9	23.7	22.7	19.2	16.9	16.9	19.4	18.6	15.5	13.5
Additional countries in the EER-20 group															
Bulgaria						0.3	0.4	0.4	0.5	0.6	0.3	0.3	0.4	0.4	0.5
China						5.5	6.5	9.2	14.1	18.8	4.4	5.3	7.6	11.4	15.0
Czech Republic						2.7	2.9	3.6	4.2	5.0	2.2	2.4	3.0	3.4	4.0
Hungary						1.9	2.6	3.0	3.2	3.2	1.5	2.2	2.5	2.6	2.6
Latvia						0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2
Lithuania						0.2	0.2	0.3	0.4	0.4	0.2	0.2	0.2	0.3	0.3
Poland						2.9	3.4	4.0	4.8	6.2	2.4	2.8	3.3	3.9	4.9
Romania						0.9	1.0	1.4	1.7	2.0	0.7	0.8	1.1	1.4	1.6
Additional countries in the EER-40 group															
Algeria											0.3	0.3	0.3	0.3	0.4
Argentina											0.6	0.5	0.3	0.3	0.3
Brazil											1.5	1.4	1.2	1.2	1.4
Chile											0.3	0.3	0.3	0.4	0.4
China (Taiwan)											2.3	2.4	2.1	1.8	1.4
Croatia											0.5	0.4	0.5	0.5	0.5
Iceland											0.0	0.1	0.1	0.1	0.1
India											1.5	1.3	1.5	1.8	2.1
Indonesia											1.0	0.8	0.7	0.6	0.6
Israel											1.0	1.0	0.9	0.7	0.7
Malaysia											1.2	1.1	1.2	1.1	1.0
Mexico											0.9	1.2	1.3	1.2	1.2
Morocco											0.6	0.6	0.6	0.6	0.6
New Zealand											0.1	0.1	0.1	0.1	0.1
Philippines											0.4	0.5	0.5	0.4	0.3
Russian Federation											2.4	1.8	2.2	2.9	3.4
South Africa											0.9	0.9	0.9	1.0	1.0
Thailand											1.2	1.0	1.0	1.0	1.1
Turkey											2.1	2.2	2.3	3.0	3.1
Venezuela, Bolivarian Republic of											0.2	0.2	0.2	0.2	0.2

^{o)} Figures have been rounded.

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 Service / Reporting systems / 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 2012 (see Table VI, pp 46-47) is based on the IMF's *Annual Report on Exchange Arrangements and Exchange Restrictions 2012*, 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.

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

Alongside the official published reference exchange rates, there are bureau de change rates, which deviate significantly and which press reports quoted at EUR 1 = IRR 49940 at the beginning of March 2013.

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

Kenya

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

Kiribati

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

Lesotho

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

Liberia

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

Macao

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

Macedonia

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

Mali

See Explanatory notes on Benin.

Montenegro

Since January 2013, the euro reference exchange rates of the ECB have been published.

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

With effect from 9 February 2013, the fixed exchange rates (buying/selling) between the bolívar and the US dollar of USD 1 = VEF 4.2893 / 4.3000 were changed to USD 1 = VEF 6.2842 / 6.3000; this corresponds to a depreciation of the bolívar vis-à-vis the US dollar of 31.7%.

For the euro, the most recent exchange rates (buying/selling) before and after the change which were known to us were

8 February 2013 EUR 1 = VEF 5.73222052 / 5.74695000
13 February 2013 EUR 1 = VEF 8.44973532 / 8.47161000.

Zambia

With effect from 1 January 2013, a currency changeover took place to the ratio of

1,000 Kwacha (old) = 1 Kwacha (new).

The (old) Kwacha will also be legal tender until 30 June 2013; by way of distinction, during this transitional period, the official national abbreviation for the new Kwacha is "KR".

The ISO code for the (new) Kwacha is ZMW.

The currency changeover did not entail any appreciation or depreciation against other currencies.

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.