



Exchange rate statistics July 2013

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	Data unknown, not to be published or not meaningful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	Croatia ¹	Czech Republic	Denmark	Hungary	Latvia	Lithuania	Poland	Romania
Period		Bulgarian lev BGN	Croatian kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Latvian lats LVL	Lithuanian litas LTL	Polish zloty PLN	Romanian leu RON
2013 Apr	2	1.9558	7.6063	25.881	7.4548	301.91	0.7012	3.4528	4.1846	4.4185
	3	1.9558	7.6095	25.828	7.4535	302.10	0.7013	3.4528	4.1908	4.4208
	4	1.9558	7.6085	25.817	7.4534	301.38	0.7011	3.4528	4.1887	4.4251
	5	1.9558	7.6100	25.763	7.4547	301.13	0.7012	3.4528	4.1738	4.4215
	8	1.9558	7.6104	25.727	7.4543	297.75	0.7010	3.4528	4.1283	4.4075
	9	1.9558	7.6125	25.762	7.4558	297.65	0.7009	3.4528	4.1304	4.4087
	10	1.9558	7.6125	25.865	7.4563	298.11	0.7007	3.4528	4.1160	4.3890
	11	1.9558	7.6203	25.942	7.4563	297.79	0.7009	3.4528	4.1124	4.3940
	12	1.9558	7.6125	25.871	7.4552	294.55	0.7006	3.4528	4.1040	4.3890
	15	1.9558	7.6130	25.864	7.4560	294.31	0.7006	3.4528	4.1132	4.3816
	16	1.9558	7.6125	25.868	7.4557	294.75	0.7006	3.4528	4.1161	4.3763
	17	1.9558	7.6130	25.854	7.4562	294.54	0.7005	3.4528	4.1145	4.3698
	18	1.9558	7.6147	25.875	7.4553	297.97	0.7002	3.4528	4.1147	4.3729
	19	1.9558	7.5968	25.857	7.4559	298.24	0.7002	3.4528	4.1003	4.3683
	22	1.9558	7.6020	25.930	7.4549	299.79	0.7002	3.4528	4.1079	4.3573
	23	1.9558	7.6055	25.909	7.4541	299.45	0.7005	3.4528	4.1342	4.3498
	24	1.9558	7.6065	25.909	7.4553	299.55	0.7001	3.4528	4.1367	4.3495
	25	1.9558	7.6070	25.899	7.4559	301.24	0.7000	3.4528	4.1467	4.3493
	26	1.9558	7.5985	25.744	7.4559	301.57	0.6999	3.4528	4.1590	4.3397
	29	1.9558	7.5970	25.697	7.4564	298.15	0.7000	3.4528	4.1309	4.3225
	30	1.9558	7.5905	25.799	7.4560	300.12	0.7000	3.4528	4.1504	4.3264
May	2	1.9558	7.5822	25.650	7.4559	297.08	0.7001	3.4528	4.1465	4.3215
	3	1.9558	7.5827	25.640	7.4533	296.12	0.6999	3.4528	4.1407	4.3031
	6	1.9558	7.5721	25.693	7.4528	296.40	0.7001	3.4528	4.1515	4.3135
	7	1.9558	7.5707	25.747	7.4526	296.25	0.7002	3.4528	4.1520	4.3160
	8	1.9558	7.5710	25.862	7.4535	293.31	0.7000	3.4528	4.1361	4.3123
	9	1.9558	7.5713	25.792	7.4535	293.13	0.7001	3.4528	4.1262	4.3253
	10	1.9558	7.5713	25.808	7.4550	293.18	0.6998	3.4528	4.1435	4.3298
	13	1.9558	7.5615	25.844	7.4534	293.33	0.6998	3.4528	4.1555	4.3239
	14	1.9558	7.5630	25.887	7.4531	295.53	0.6993	3.4528	4.1665	4.3315
	15	1.9558	7.5615	26.003	7.4539	292.27	0.6994	3.4528	4.1827	4.3355
	16	1.9558	7.5695	25.980	7.4529	290.51	0.6992	3.4528	4.1827	4.3342
	17	1.9558	7.5710	25.989	7.4524	290.56	0.6993	3.4528	4.1704	4.3370
	20	1.9558	7.5710	26.121	7.4528	289.99	0.6997	3.4528	4.1821	4.3473
	21	1.9558	7.5713	26.098	7.4527	290.42	0.6999	3.4528	4.1898	4.3493
	22	1.9558	7.5745	26.069	7.4535	289.06	0.7002	3.4528	4.1784	4.3479
	23	1.9558	7.5765	26.094	7.4541	292.18	0.7005	3.4528	4.2092	4.3655
	24	1.9558	7.5685	25.993	7.4539	290.40	0.7003	3.4528	4.1982	4.3550
	27	1.9558	7.5620	25.968	7.4531	289.23	0.7013	3.4528	4.1935	4.3443
	28	1.9558	7.5593	25.889	7.4527	285.85	0.7012	3.4528	4.1805	4.3258
	29	1.9558	7.5635	25.899	7.4539	288.03	0.7013	3.4528	4.2250	4.3460
	30	1.9558	7.5605	25.795	7.4546	293.33	0.7014	3.4528	4.2667	4.3438
	31	1.9558	7.5500	25.711	7.4557	296.11	0.7018	3.4528	4.2792	4.3843
June	3	1.9558	7.5415	25.753	7.4542	295.40	0.7015	3.4528	4.2666	4.4080
	4	1.9558	7.5365	25.775	7.4545	291.53	0.7019	3.4528	4.2365	4.3960
	5	1.9558	7.5195	25.846	7.4545	294.67	0.7024	3.4528	4.2452	4.4258
	6	1.9558	7.5225	25.778	7.4548	297.37	0.7022	3.4528	4.2759	4.4871
	7	1.9558	7.5285	25.569	7.4558	295.72	0.7019	3.4528	4.3058	4.5503
	10	1.9558	7.5115	25.666	7.4560	297.20	0.7018	3.4528	4.2532	4.5235
	11	1.9558	7.4988	25.613	7.4575	299.71	0.7020	3.4528	4.2789	4.5113
	12	1.9558	7.4705	25.660	7.4571	296.40	0.7019	3.4528	4.2532	4.4910
	13	1.9558	7.4725	25.728	7.4591	294.85	0.7019	3.4528	4.2645	4.4715
	14	1.9558	7.4718	25.718	7.4582	291.41	0.7017	3.4528	4.2347	4.4588
	17	1.9558	7.4680	25.724	7.4586	290.60	0.7017	3.4528	4.2296	4.4508
	18	1.9558	7.4855	25.680	7.4595	293.62	0.7016	3.4528	4.2554	4.4998
	19	1.9558	7.4805	25.686	7.4596	293.99	0.7016	3.4528	4.2598	4.4978
	20	1.9558	7.4860	25.806	7.4588	298.80	0.7014	3.4528	4.3183	4.5260
	21	1.9558	7.4905	25.825	7.4582	298.87	0.7016	3.4528	4.3289	4.5350
	24	1.9558	7.4775	25.865	7.4590	299.97	0.7016	3.4528	4.3500	4.5408
	25	1.9558	7.4775	25.788	7.4593	296.85	0.7019	3.4528	4.3190	4.4697
	26	1.9558	7.4595	25.858	7.4599	297.28	0.7023	3.4528	4.3445	4.4500
	27	1.9558	7.4540	25.890	7.4593	294.98	0.7021	3.4528	4.3203	4.4523
	28	1.9558	7.4495	25.949	7.4588	294.85	0.7024	3.4528	4.3376	4.4603
July	1	1.9558	7.4438	25.980	7.4591	294.07	0.7022	3.4528	4.3329	4.4488
	2	1.9558	7.4490	25.983	7.4601	293.33	0.7017	3.4528	4.3329	4.4430
	3	1.9558	7.4705	26.020	7.4605	294.88	0.7020	3.4528	4.3365	4.4480
	4	1.9558	7.4928	26.050	7.4603	295.80	0.7019	3.4528	4.3083	4.4340
	5	1.9558	7.4998	25.875	7.4593	294.80	0.7019	3.4528	4.2847	4.4408
	8	1.9558	7.5180	25.938	7.4594	294.52	0.7021	3.4528	4.2959	4.4483

* See Explanatory notes, p 57. 1 Accession to EU on 1 July 2013.

II Euro reference exchange rates of the European Central Bank *

		Other European and non-European countries								
Sweden	United Kingdom	Australia	Brazil	Canada	China	Hong Kong	India			
Swedish krona SEK	Pound sterling GBP	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Hong Kong dollar HKD	Indian rupee INR	Period		
8.3110	0.84690	1.2267	2.5913	1.3006	7.9379	9.9403	69.5630	2013 Apr	2	
8.3258	0.84840	1.2237	2.5912	1.3010	7.9639	9.9575	69.8550		3	
8.4064	0.84745	1.2290	2.5898	1.3012	7.9484	9.9514	70.3680		4	
8.3984	0.84910	1.2425	2.6060	1.3134	8.0272	10.0517	70.9780		5	
8.3591	0.85095	1.2503	2.5773	1.3244	8.0786	10.1107	71.0240		8	
8.3765	0.85175	1.2449	2.5946	1.3234	8.0879	10.1248	71.1200		9	
8.3353	0.85480	1.2429	2.5968	1.3290	8.1053	10.1587	71.3510		10	
8.3138	0.85200	1.2411	2.5876	1.3242	8.1288	10.1836	71.5310		11	
8.3373	0.84970	1.2396	2.5827	1.3207	8.0819	10.1303	71.1660		12	
8.3704	0.85290	1.2573	2.5854	1.3350	8.0931	10.1545	71.4600		15	
8.3823	0.85690	1.2654	2.6084	1.3411	8.1178	10.1909	71.0340		16	
8.4727	0.86130	1.2691	2.6094	1.3469	8.1041	10.1915	71.1660		17	
8.5008	0.85480	1.2633	2.6207	1.3362	8.0632	10.1268	70.4070		18	
8.5110	0.85440	1.2692	2.6398	1.3443	8.1021	10.1820	70.7850		19	
8.5139	0.85630	1.2696	2.6237	1.3375	8.0592	10.1221	70.5910		22	
8.5926	0.85165	1.2676	2.6266	1.3350	8.0267	10.0860	70.6070		23	
8.5885	0.85250	1.2659	2.6318	1.3345	8.0352	10.0980	70.5190		24	
8.5961	0.84580	1.2669	2.6266	1.3374	8.0650	10.1549	70.7960		25	
8.5579	0.84000	1.2651	2.6005	1.3256	8.0139	10.0922	70.6170		26	
8.5503	0.84400	1.2671	2.6112	1.3293	8.0842	10.1777	71.0370		29	
8.5420	0.84430	1.2649	2.6236	1.3213	8.0597	10.1452	70.2750		30	
8.5503	0.84660	1.2871	2.6426	1.3285	8.1204	10.2357	70.9210	May	2	
8.5307	0.84310	1.2780	2.6334	1.3263	8.0725	10.1754	70.7170		3	
8.5543	0.84310	1.2801	2.6373	1.3217	8.0826	10.1705	70.9940		6	
8.5287	0.84420	1.2908	2.6374	1.3175	8.0658	10.1734	70.8930		7	
8.5402	0.84690	1.2873	2.6347	1.3190	8.0665	10.1934	71.0930		8	
8.5395	0.84435	1.2858	2.6356	1.3189	8.0572	10.1977	71.3360		9	
8.5511	0.84430	1.2978	2.6244	1.3113	7.9782	10.0793	71.3110		10	
8.5702	0.84410	1.3003	2.6147	1.3092	7.9742	10.0689	71.0113		13	
8.6333	0.84815	1.3080	2.6053	1.3157	7.9715	10.0726	71.0690		14	
8.5960	0.84640	1.3015	2.5997	1.3133	7.9050	9.9849	70.4527		15	
8.5893	0.84550	1.3120	2.6151	1.3140	7.9263	10.0069	70.6050		16	
8.5922	0.84475	1.3216	2.6100	1.3220	7.9040	9.9911	70.6060		17	
8.5754	0.84560	1.3140	2.6134	1.3212	7.8903	9.9766	70.8010		20	
8.5600	0.84910	1.3147	2.6293	1.3212	7.8955	9.9863	71.2970		21	
8.5451	0.85570	1.3253	2.6344	1.3315	7.9232	10.0301	71.8070		22	
8.5943	0.85515	1.3302	2.6463	1.3339	7.9055	10.0044	71.8050		23	
8.5980	0.85695	1.3348	2.6470	1.3369	7.9341	10.0448	72.1300		24	
8.5964	0.85560	1.3405	2.6542	1.3357	7.9201	10.0453	71.9100		27	
8.5874	0.85530	1.3355	2.6568	1.3383	7.9200	10.0445	72.4080		28	
8.6082	0.85695	1.3447	2.6866	1.3434	7.9384	10.0557	72.7580		29	
8.5720	0.85570	1.3493	2.6870	1.3433	7.9428	10.0500	73.0490		30	
8.5828	0.85365	1.3540	2.7664	1.3434	7.9789	10.0981	73.4980		31	
8.5723	0.85180	1.3457	2.7752	1.3455	7.9761	10.0989	73.8140	June	3	
8.5704	0.85580	1.3538	2.7749	1.3510	8.0237	10.1612	73.9630		4	
8.6255	0.85105	1.3647	2.7483	1.3509	8.0071	10.1414	74.2010		5	
8.6072	0.84910	1.3789	2.7849	1.3529	8.0493	10.1835	74.5640		6	
8.6912	0.85130	1.3926	2.8419	1.3568	8.1328	10.2928	75.6830		7	
8.7144	0.85040	1.3983	2.8284	1.3455	8.1017	10.2549	76.8450		10	
8.7454	0.85390	1.4206	2.8642	1.3594	8.1410	10.3057	77.5210		11	
8.6808	0.84825	1.3927	2.8243	1.3489	8.1434	10.3095	76.7610		12	
8.6765	0.84950	1.3919	2.8511	1.3541	8.1680	10.3387	77.3400		13	
8.6096	0.85150	1.3841	2.8302	1.3524	8.1558	10.3258	76.5390		14	
8.6122	0.84755	1.3876	2.8656	1.3548	8.1688	10.3491	77.2280		17	
8.6753	0.85620	1.4131	2.9203	1.3635	8.1963	10.3762	78.6000		18	
8.5750	0.85580	1.4105	2.9208	1.3673	8.2139	10.3981	78.8210		19	
8.6724	0.85450	1.4323	2.9514	1.3651	8.0892	10.2375	78.7840		20	
8.6927	0.85330	1.4296	2.9737	1.3705	8.0832	10.2239	78.1200		21	
8.8884	0.85115	1.4246	2.9575	1.3797	8.0415	10.1520	78.1230		24	
8.7683	0.84860	1.4156	2.8989	1.3770	8.0707	10.1876	78.3770		25	
8.7615	0.84820	1.4033	2.8828	1.3649	8.0065	10.1048	79.1100		26	
8.7560	0.85310	1.3995	2.8420	1.3599	8.0132	10.1092	78.4530		27	
8.7773	0.85720	1.4171	2.8899	1.3714	8.0280	10.1477	77.7210		28	
8.6958	0.85625	1.4190	2.9026	1.3714	7.9952	10.1108	77.6280	July	1	
8.7008	0.85790	1.4222	2.9182	1.3756	7.9833	10.0923	77.6270		2	
8.7083	0.84920	1.4278	2.9376	1.3664	7.9449	10.0485	78.0970		3	
8.7080	0.85980	1.4239	2.9432	1.3690	7.9537	10.0677	78.1960		4	
8.6562	0.86055	1.4049	2.8987	1.3554	7.9006	9.9892	77.7680		5	
8.7898	0.86160	1.4145	2.8916	1.3567	7.8818	9.9662	78.0700		8	

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
Period		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
2013 Apr	2	12,505.14	4.6388	119.79	1,436.24	3.9519	15.8285	1.5229	7.4670
	3	12,504.21	4.6436	119.96	1,432.77	3.9540	15.7274	1.5198	7.4465
	4	12,507.32	4.6537	122.31	1,445.76	3.9478	15.7597	1.5268	7.4490
	5	12,615.11	4.6957	124.49	1,466.25	3.9616	15.9620	1.5408	7.4475
	8	12,693.68	4.7132	128.46	1,489.21	3.9818	15.8076	1.5405	7.4540
	9	12,677.64	4.7339	128.92	1,485.37	3.9595	15.8559	1.5356	7.4860
	10	12,678.54	4.7557	129.69	1,480.61	3.9648	15.8943	1.5300	7.5060
	11	12,737.87	4.7619	130.39	1,481.37	3.9796	15.8661	1.5140	7.4770
	12	12,670.52	4.7368	129.54	1,474.85	3.9662	15.7440	1.5182	7.4820
	15	12,712.60	4.7450	127.83	1,466.50	3.9766	15.8693	1.5443	7.5005
	16	12,760.76	4.7623	128.37	1,463.08	3.9913	15.9744	1.5468	7.5220
	17	12,750.79	4.7606	128.61	1,470.14	3.9848	16.0174	1.5502	7.5550
	18	12,675.98	4.7306	128.40	1,461.22	3.9579	15.8927	1.5454	7.5870
	19	12,732.68	4.7585	130.21	1,468.72	3.9811	16.0396	1.5486	7.5965
	22	12,667.88	4.7318	130.00	1,459.94	3.9746	16.0012	1.5461	7.6090
	23	12,632.50	4.7085	128.56	1,453.84	3.9718	15.9641	1.5472	7.6775
	24	12,637.76	4.7068	129.46	1,453.80	3.9644	15.9395	1.5366	7.6780
	25	12,709.69	4.7165	129.67	1,452.92	3.9728	15.8922	1.5299	7.6535
	26	12,635.02	4.6866	128.13	1,445.38	3.9444	15.8523	1.5277	7.6215
	29	12,743.73	4.7076	128.27	1,450.39	3.9766	15.8514	1.5322	7.6090
	30	12,705.30	4.6973	127.35	1,440.41	3.9764	15.9408	1.5272	7.6075
May	2	12,844.32	4.7050	129.04	1,452.85	4.0238	16.0529	1.5540	7.5865
	3	12,774.64	4.6652	128.60	1,437.83	3.9790	15.9604	1.5391	7.6075
	6	12,758.36	4.6781	130.18	1,435.42	3.9026	15.8424	1.5380	7.6240
	7	12,761.02	4.6705	129.98	1,430.16	3.9070	15.8943	1.5524	7.6395
	8	12,779.48	4.6741	129.89	1,421.55	3.8903	15.8073	1.5629	7.5910
	9	12,780.74	4.6675	129.80	1,434.42	3.9084	15.7546	1.5530	7.5485
	10	12,645.90	4.6310	131.94	1,436.50	3.8799	15.6689	1.5623	7.5260
	13	12,634.69	4.6518	132.01	1,442.78	3.8890	15.7077	1.5662	7.5330
	14	12,642.00	4.7250	131.88	1,441.01	3.8787	15.7759	1.5757	7.5405
	15	12,549.23	4.7202	132.04	1,436.74	3.8612	15.6385	1.5662	7.5415
	16	12,578.24	4.6990	132.15	1,441.84	3.8818	15.8096	1.5796	7.5360
	17	12,554.93	4.7135	131.87	1,437.84	3.8890	15.8403	1.5917	7.5393
	20	12,548.08	4.7059	131.86	1,437.99	3.8739	15.8305	1.5760	7.5143
	21	12,560.14	4.7200	132.33	1,429.23	3.8855	15.8388	1.5781	7.5065
	22	12,619.13	4.7759	133.26	1,440.76	3.9047	15.9251	1.5923	7.4650
	23	12,608.68	4.7693	131.07	1,454.95	3.9060	16.1081	1.5932	7.5340
	24	12,675.22	4.7818	131.25	1,458.19	3.9263	16.1026	1.5963	7.5285
	27	12,676.25	4.7709	130.59	1,452.42	3.9190	16.1537	1.5997	7.5480
	28	12,679.69	4.7965	131.98	1,457.39	3.9350	16.1560	1.5927	7.5530
	29	12,695.06	4.7879	130.90	1,466.93	3.9873	16.3671	1.5912	7.6000
	30	12,700.66	4.7800	131.70	1,462.64	3.9855	16.5044	1.6149	7.6190
	31	12,742.47	4.8020	130.47	1,470.85	4.0267	16.7688	1.6265	7.6140
June	3	12,753.98	4.7964	130.37	1,467.09	4.0312	16.5982	1.6268	7.5970
	4	12,836.54	4.8056	131.28	1,468.61	4.0513	16.6649	1.6290	7.5975
	5	12,813.67	4.7960	130.13	1,463.45	4.0236	16.6510	1.6331	7.6050
	6	12,847.93	4.7786	129.96	1,465.25	4.0478	16.8147	1.6485	7.5810
	7	12,998.00	4.7926	126.81	1,481.55	4.1020	17.0490	1.6658	7.6305
	10	13,158.79	4.7982	130.47	1,497.42	4.1476	16.9220	1.6728	7.6120
	11	13,038.61	4.8450	128.60	1,503.51	4.1883	17.2549	1.7080	7.6860
	12	13,090.63	4.8180	128.30	1,498.19	4.1577	16.9295	1.6604	7.6650
	13	13,155.71	4.8132	125.36	1,510.58	4.1712	17.1166	1.6696	7.6770
	14	13,139.52	4.7914	126.37	1,498.62	4.1445	16.8411	1.6469	7.6405
	17	13,185.80	4.8001	126.36	1,503.01	4.1759	16.9070	1.6519	7.6345
	18	13,246.45	4.8045	127.55	1,517.03	4.2195	17.2832	1.6756	7.6935
	19	13,282.17	4.8171	127.44	1,515.21	4.2250	17.2401	1.6749	7.6765
	20	13,100.18	4.7987	129.26	1,523.98	4.2288	17.5380	1.6927	7.8500
	21	13,088.24	4.7891	128.66	1,521.52	4.2222	17.5558	1.7004	7.9090
	24	12,997.20	4.7608	128.54	1,521.12	4.2112	17.5222	1.6969	8.0400
	25	13,039.26	4.7280	127.79	1,513.98	4.1799	17.2858	1.6939	7.9800
	26	12,977.00	4.7196	127.33	1,506.81	4.1780	17.2046	1.6730	7.9470
	27	12,936.06	4.7380	127.93	1,495.51	4.1362	17.0117	1.6640	7.8810
	28	12,980.41	4.7386	129.39	1,494.24	4.1340	17.0413	1.6792	7.8845
July	1	12,976.37	4.7390	129.99	1,480.20	4.1256	16.8392	1.6774	7.8985
	2	12,931.59	4.7302	130.08	1,477.94	4.1230	16.9286	1.6769	7.9200
	3	12,881.45	4.7285	128.85	1,482.67	4.1295	17.0048	1.6743	7.9355
	4	12,906.59	4.7270	129.64	1,479.92	4.1298	16.8402	1.6655	7.9350
	5	12,851.20	4.6941	128.97	1,471.44	4.1077	16.6126	1.6450	7.9525
	8	12,793.67	4.7033	130.04	1,475.65	4.1144	16.7461	1.6573	7.9650

* See Explanatory notes, p 57.

II Euro reference exchange rates of the European Central Bank *

Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United States	Period
Philippine peso PHP	Russian rouble RUB	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY	US dollar USD	
52.479	40.0061	1.5847	11.8186	1.2159	37.621	2.3170	1.2840	2013 Apr 2
52.485	40.5150	1.5877	11.8463	1.2167	37.676	2.3205	1.2828	3
52.889	40.5533	1.5916	11.8509	1.2155	37.646	2.3176	1.2818	4
53.319	40.8580	1.6045	11.8430	1.2158	37.939	2.3294	1.2944	5
53.787	40.7450	1.6158	11.7647	1.2168	38.066	2.3292	1.3023	8
53.688	40.6010	1.6158	11.6805	1.2200	37.868	2.3248	1.3040	9
53.673	40.4050	1.6200	11.6900	1.2183	37.976	2.3370	1.3086	10
53.825	40.4260	1.6223	11.6910	1.2187	38.084	2.3464	1.3119	11
53.903	40.4950	1.6153	11.6565	1.2167	37.890	2.3353	1.3052	12
53.879	41.0482	1.6184	11.8603	1.2147	38.040	2.3414	1.3081	15
54.309	41.1253	1.6220	12.0084	1.2163	38.035	2.3524	1.3129	16
54.217	41.3250	1.6216	12.0304	1.2149	37.890	2.3549	1.3129	17
53.781	41.2100	1.6112	11.9538	1.2164	37.452	2.3422	1.3045	18
53.950	41.3002	1.6209	12.0022	1.2176	37.509	2.3568	1.3115	19
53.888	41.2138	1.6161	12.1109	1.2188	37.377	2.3515	1.3037	22
53.633	41.2270	1.6113	12.0034	1.2219	37.450	2.3478	1.2990	23
53.657	40.9583	1.6147	11.9395	1.2302	37.626	2.3476	1.3006	24
53.916	40.7829	1.6188	11.8804	1.2334	38.076	2.3540	1.3080	25
53.612	40.7105	1.6099	11.8612	1.2273	38.087	2.3420	1.2999	26
53.950	40.5915	1.6176	11.7470	1.2279	38.382	2.3521	1.3113	29
53.797	40.6914	1.6128	11.8045	1.2238	38.301	2.3520	1.3072	30
53.940	41.2009	1.6270	11.8585	1.2244	38.821	2.3633	1.3191	May 2
53.564	40.8208	1.6173	11.7437	1.2235	38.791	2.3543	1.3114	3
53.551	40.7400	1.6144	11.7695	1.2280	38.744	2.3543	1.3107	6
53.587	40.6500	1.6157	11.8722	1.2333	38.718	2.3594	1.3107	7
53.520	40.9017	1.6138	11.9058	1.2336	38.551	2.3570	1.3135	8
53.669	40.9300	1.6144	11.8038	1.2290	38.664	2.3583	1.3142	9
53.440	40.7450	1.6070	11.8092	1.2430	38.678	2.3403	1.2988	10
53.387	40.6380	1.6090	11.7993	1.2404	38.504	2.3450	1.2973	13
53.430	40.6650	1.6108	11.9560	1.2416	38.555	2.3506	1.2977	14
53.086	40.4920	1.6045	11.9820	1.2499	38.270	2.3464	1.2864	15
53.231	40.4550	1.6150	12.0720	1.2444	38.412	2.3591	1.2890	16
52.964	40.3876	1.6156	12.0764	1.2449	38.324	2.3646	1.2869	17
52.982	40.2680	1.6132	12.1601	1.2460	38.315	2.3736	1.2853	20
53.134	40.2267	1.6209	12.2890	1.2476	38.366	2.3788	1.2866	21
53.254	40.3220	1.6314	12.2836	1.2599	38.511	2.3791	1.2923	22
53.778	40.4890	1.6301	12.3661	1.2486	38.561	2.3872	1.2888	23
53.961	40.5360	1.6360	12.3724	1.2466	38.713	2.3913	1.2939	24
53.811	40.5950	1.6293	12.4424	1.2452	38.636	2.3871	1.2939	27
54.176	40.5950	1.6360	12.5693	1.2533	38.840	2.3912	1.2938	28
54.946	40.8379	1.6404	12.6714	1.2480	39.089	2.4129	1.2952	29
54.811	41.1161	1.6396	12.9347	1.2487	39.130	2.4274	1.2944	30
55.031	41.4400	1.6412	13.2174	1.2406	39.480	2.4456	1.3006	31
54.709	41.5710	1.6367	12.9658	1.2456	39.622	2.4605	1.3008	June 3
54.816	41.7513	1.6382	12.7074	1.2397	39.813	2.4518	1.3092	4
54.872	41.9595	1.6313	12.9501	1.2371	39.880	2.4592	1.3067	5
55.210	42.1349	1.6375	13.0450	1.2357	40.212	2.4773	1.3118	6
56.172	42.8773	1.6480	13.2402	1.2273	40.562	2.4980	1.3260	7
56.804	42.7360	1.6631	13.4090	1.2395	40.671	2.5053	1.3209	10
57.209	43.1010	1.6723	13.6365	1.2305	41.133	2.5172	1.3273	11
57.140	42.8380	1.6672	13.2994	1.2323	41.106	2.4906	1.3277	12
57.224	42.7500	1.6669	13.2293	1.2290	40.997	2.4897	1.3315	13
56.895	42.2453	1.6638	13.2051	1.2322	40.681	2.4674	1.3303	14
57.233	42.2375	1.6721	13.1706	1.2308	40.905	2.4906	1.3337	17
57.790	42.8540	1.6855	13.4148	1.2315	41.259	2.5167	1.3374	18
57.804	43.1798	1.6841	13.3336	1.2326	41.197	2.5238	1.3406	19
57.796	42.9600	1.6813	13.4884	1.2319	41.078	2.5324	1.3200	20
57.707	43.2260	1.6790	13.4906	1.2257	41.003	2.5515	1.3180	21
57.433	43.0660	1.6746	13.2811	1.2241	40.724	2.5445	1.3086	24
56.825	43.0380	1.6637	13.1090	1.2268	40.650	2.5315	1.3134	25
56.631	42.8745	1.6602	13.1663	1.2262	40.609	2.5208	1.3024	26
56.442	42.7350	1.6465	12.9640	1.2326	40.556	2.5070	1.3032	27
56.445	42.8450	1.6545	13.0704	1.2338	40.613	2.5210	1.3080	28
56.239	43.0606	1.6529	12.9526	1.2340	40.382	2.5099	1.3037	July 1
56.329	43.0511	1.6504	12.9389	1.2354	40.314	2.5062	1.3017	2
56.338	43.1000	1.6510	13.0640	1.2285	40.290	2.5264	1.2959	3
56.322	43.1050	1.6525	13.0791	1.2328	40.393	2.5343	1.2984	4
55.882	42.7630	1.6431	12.8890	1.2348	40.131	2.5110	1.2883	5
56.129	42.7520	1.6470	13.0845	1.2404	40.413	2.5025	1.2850	8

II Euro reference exchange rates of the European Central Bank *

2 Monthly averages +

EUR 1 = CU ...

Period	EU member countries											Other Euro-
	Bulgaria	Croatia ¹	Czech Republic	Denmark	Hungary	Latvia	Lithuania	Poland	Romania	Sweden	United Kingdom	Australia
	Bulgarian lev BGN	Croatian kuna HRK	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
2008 June	1.9558	7.2469	24.316	7.4586	242.42	0.7032	3.4528	3.3736	3.6556	9.3739	0.79152	1.6343
July	1.9558	7.2297	23.528	7.4599	231.82	0.7035	3.4528	3.2591	3.5764	9.4566	0.79308	1.6386
Aug	1.9558	7.1947	24.287	7.4595	235.88	0.7039	3.4528	3.2920	3.5271	9.3984	0.79279	1.6961
Sep	1.9558	7.1223	24.497	7.4583	240.68	0.7060	3.4528	3.3747	3.6248	9.5637	0.79924	1.7543
Oct	1.9558	7.1639	24.768	7.4545	260.15	0.7093	3.4528	3.5767	3.7479	9.8506	0.78668	1.9345
Nov	1.9558	7.1366	25.193	7.4485	265.32	0.7092	3.4528	3.7326	3.7838	10.1275	0.83063	1.9381
Dec	1.9558	7.2245	26.120	7.4503	265.02	0.7084	3.4528	4.0044	3.9227	10.7538	0.90448	2.0105
2009 Jan	1.9558	7.3603	27.169	7.4519	279.86	0.7043	3.4528	4.2300	4.2354	10.7264	0.91819	1.9633
Feb	1.9558	7.4309	28.461	7.4514	298.30	0.7056	3.4528	4.6467	4.2864	10.9069	0.88691	1.9723
Mar	1.9558	7.4430	27.231	7.4509	304.14	0.7083	3.4528	4.6210	4.2828	11.1767	0.91966	1.9594
Apr	1.9558	7.4172	26.774	7.4491	295.26	0.7093	3.4528	4.4326	4.2041	10.8796	0.89756	1.8504
May	1.9558	7.3515	26.731	7.4468	281.93	0.7092	3.4528	4.4103	4.1700	10.5820	0.88445	1.7831
June	1.9558	7.2954	26.545	7.4457	280.46	0.7015	3.4528	4.5084	4.2131	10.8713	0.85670	1.7463
July	1.9558	7.3307	25.793	7.4458	272.06	0.7006	3.4528	4.2965	4.2184	10.8262	0.86092	1.7504
Aug	1.9558	7.3287	25.646	7.4440	270.05	0.7013	3.4528	4.1311	4.2183	10.2210	0.86265	1.7081
Sep	1.9558	7.3102	25.346	7.4428	271.84	0.7039	3.4528	4.1584	4.2420	10.1976	0.89135	1.6903
Oct	1.9558	7.2419	25.861	7.4438	268.49	0.7088	3.4528	4.2146	4.2871	10.3102	0.91557	1.6341
Nov	1.9558	7.2952	25.812	7.4415	270.92	0.7088	3.4528	4.1646	4.2896	10.3331	0.89892	1.6223
Dec	1.9558	7.2907	26.089	7.4419	273.22	0.7077	3.4528	4.1439	4.2284	10.4085	0.89972	1.6185
2010 Jan	1.9558	7.2938	26.133	7.4424	269.43	0.7088	3.4528	4.0703	4.1383	10.1939	0.88305	1.5624
Feb	1.9558	7.3029	25.979	7.4440	271.21	0.7090	3.4528	4.0144	4.1196	9.9505	0.87604	1.5434
Mar	1.9558	7.2616	25.541	7.4416	265.40	0.7083	3.4528	3.8906	4.0866	9.7277	0.90160	1.4882
Apr	1.9558	7.2594	25.308	7.4428	265.53	0.7076	3.4528	3.8782	4.1306	9.6617	0.87456	1.4463
May	1.9558	7.2630	25.663	7.4413	276.78	0.7075	3.4528	4.0567	4.1767	9.6641	0.85714	1.4436
June	1.9558	7.2225	25.780	7.4409	281.49	0.7082	3.4528	4.1055	4.2434	9.5723	0.82771	1.4315
July	1.9558	7.2198	25.328	7.4522	283.75	0.7090	3.4528	4.0814	4.2608	9.4954	0.83566	1.4586
Aug	1.9558	7.2525	24.806	7.4495	281.45	0.7085	3.4528	3.9899	4.2396	9.4216	0.82363	1.4337
Sep	1.9558	7.2874	24.651	7.4476	282.10	0.7091	3.4528	3.9548	4.2655	9.2241	0.83987	1.3943
Oct	1.9558	7.3277	24.531	7.4567	274.01	0.7094	3.4528	3.9496	4.2787	9.2794	0.87638	1.4164
Nov	1.9558	7.3830	24.633	7.4547	275.51	0.7094	3.4528	3.9520	4.2940	9.3166	0.85510	1.3813
Dec	1.9558	7.3913	25.174	7.4528	277.62	0.7096	3.4528	3.9962	4.2929	9.0559	0.84813	1.3304
2011 Jan	1.9558	7.4008	24.449	7.4518	275.33	0.7034	3.4528	3.8896	4.2624	8.9122	0.84712	1.3417
Feb	1.9558	7.4149	24.277	7.4555	271.15	0.7037	3.4528	3.9264	4.2457	8.7882	0.84635	1.3543
Mar	1.9558	7.3915	24.393	7.4574	270.89	0.7072	3.4528	4.0145	4.1621	8.8864	0.86653	1.3854
Apr	1.9558	7.3639	24.301	7.4574	265.29	0.7092	3.4528	3.9694	4.1004	8.9702	0.88291	1.3662
May	1.9558	7.4052	24.381	7.4566	266.96	0.7093	3.4528	3.9404	4.1142	8.9571	0.87788	1.3437
June	1.9558	7.4065	24.286	7.4579	266.87	0.7091	3.4528	3.9702	4.1937	9.1125	0.88745	1.3567
July	1.9558	7.4316	24.335	7.4560	267.68	0.7092	3.4528	3.9951	4.2413	9.1340	0.88476	1.3249
Aug	1.9558	7.4620	24.273	7.4498	272.37	0.7093	3.4528	4.1195	4.2505	9.1655	0.87668	1.3651
Sep	1.9558	7.4936	24.556	7.4462	285.05	0.7093	3.4528	4.3379	4.2838	9.1343	0.87172	1.3458
Oct	1.9558	7.4849	24.841	7.4442	296.79	0.7061	3.4528	4.3516	4.3244	9.1138	0.87036	1.3525
Nov	1.9558	7.4923	25.464	7.4412	309.15	0.7015	3.4528	4.4324	4.3560	9.1387	0.85740	1.3414
Dec	1.9558	7.5136	25.514	7.4341	304.19	0.6975	3.4528	4.4774	4.3282	9.0184	0.84405	1.3003
2012 Jan	1.9558	7.5543	25.531	7.4353	307.33	0.6990	3.4528	4.3760	4.3417	8.8503	0.83210	1.2405
Feb	1.9558	7.5815	25.042	7.4341	290.68	0.6988	3.4528	4.1835	4.3513	8.8196	0.83696	1.2327
Mar	1.9558	7.5358	24.676	7.4354	292.26	0.6977	3.4528	4.1370	4.3668	8.8873	0.83448	1.2538
Apr	1.9558	7.4991	24.809	7.4393	294.81	0.6993	3.4528	4.1782	4.3789	8.8650	0.82188	1.2718
May	1.9558	7.5383	25.313	7.4335	293.67	0.6981	3.4528	4.2937	4.4412	8.9924	0.80371	1.2825
June	1.9558	7.5434	25.640	7.4325	293.57	0.6969	3.4528	4.2973	4.4626	8.8743	0.80579	1.2550
July	1.9558	7.5006	25.447	7.4384	286.28	0.6963	3.4528	4.1837	4.5549	8.5451	0.78827	1.1931
Aug	1.9558	7.4853	25.021	7.4454	278.93	0.6963	3.4528	4.0934	4.5176	8.2805	0.78884	1.1841
Sep	1.9558	7.4291	24.752	7.4539	284.22	0.6962	3.4528	4.1345	4.5022	8.4929	0.79821	1.2372
Oct	1.9558	7.5140	24.939	7.4582	282.09	0.6962	3.4528	4.1071	4.5624	8.6145	0.80665	1.2596
Nov	1.9558	7.5410	25.365	7.4587	282.26	0.6962	3.4528	4.1321	4.5273	8.6076	0.80389	1.2331
Dec	1.9558	7.5334	25.214	7.4604	285.79	0.6965	3.4528	4.0956	4.4899	8.6512	0.81237	1.2527
2013 Jan	1.9558	7.5746	25.563	7.4614	294.01	0.6978	3.4528	4.1424	4.3835	8.6217	0.83271	1.2658
Feb	1.9558	7.5868	25.475	7.4598	292.73	0.6999	3.4528	4.1700	4.3839	8.5083	0.86250	1.2951
Mar	1.9558	7.5909	25.659	7.4553	303.01	0.7013	3.4528	4.1565	4.3923	8.3470	0.85996	1.2537
Apr	1.9558	7.6076	25.841	7.4553	298.67	0.7006	3.4528	4.1359	4.3780	8.4449	0.85076	1.2539
May	1.9558	7.5684	25.888	7.4536	292.38	0.7002	3.4528	4.1799	4.3360	8.5725	0.84914	1.3133
June	1.9558	7.4901	25.759	7.4576	295.70	0.7019	3.4528	4.2839	4.4803	8.6836	0.85191	1.3978

* See Explanatory notes, p 57. + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. ¹ Accession to EU on 1 July 2013. ² The ECB has not fixed a euro reference exchange rate for the Icelandic

krona since 4 December 2008. ³ Up to December 2008, ECB indicative rates. ⁴ Up to December 2010, ECB indicative rates.

II Euro reference exchange rates of the European Central Bank *

pean and non-European countries												
Brazil	Canada	China	Hong Kong	Iceland	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia		Period
Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Hong Kong dollar HKD	Icelandic krona ISK 2	Indian rupee INR 3	Indonesian rupiah IDR	New Israeli sheqel ILS 4	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR		
2.5185	1.5803	10.7287	12.1425	123.28	66.5632	14,445.41	5.2276	166.26	1,604.95	5.0666		2008 June
2.5097	1.5974	10.7809	12.3004	123.61	67.5111	14,442.77	5.3231	168.45	1,604.58	5.1258		July
2.4103	1.5765	10.2609	11.6932	122.07	64.3236	13,700.21	5.3246	163.63	1,566.23	4.9843		Aug
2.5712	1.5201	9.8252	11.1905	131.33	65.4115	13,430.23	5.0807	153.20	1,630.26	4.9461		Sep
2.9112	1.5646	9.1071	10.3368	274.64	64.5866	13,283.63	4.8854	133.52	1,759.07	4.6895		Oct
2.8967	1.5509	8.6950	9.8687	242.95	62.1436	14,984.85	4.9569	123.28	1,783.12	4.5682		Nov
3.2266	1.6600	9.2205	10.4240	290.00	65.1465	15,276.62	5.2033	122.51	1,850.06	4.7755		Dec
3.0596	1.6233	9.0496	10.2687	–	64.5104	14,802.07	5.1793	119.73	1,801.97	4.7291		2009 Jan
2.9685	1.5940	8.7406	9.9128	–	62.8849	15,233.33	5.2437	118.30	1,843.90	4.6466		Feb
3.0198	1.6470	8.9210	10.1138	–	66.8026	15,477.84	5.4354	127.65	1,894.48	4.7949		Mar
2.9197	1.6188	9.0110	10.2229	–	66.0471	14,552.65	5.5290	130.25	1,760.14	4.7562		Apr
2.8232	1.5712	9.3157	10.5807	–	66.1762	14,137.45	5.5552	131.85	1,710.18	4.8057		May
2.7391	1.5761	9.5786	10.8638	–	66.9191	14,315.40	5.5260	135.39	1,768.80	4.9305		June
2.7221	1.5824	9.6246	10.9182	–	68.2333	14,241.51	5.4784	133.09	1,778.43	4.9963		July
2.6314	1.5522	9.7485	11.0587	–	68.9570	14,270.78	5.4694	135.31	1,768.99	5.0185		Aug
2.6520	1.5752	9.9431	11.2858	–	70.4154	14,346.84	5.4813	133.14	1,768.58	5.0862		Sep
2.5771	1.5619	10.1152	11.4828	–	69.2160	14,057.25	5.5194	133.91	1,739.94	5.0425		Oct
2.5777	1.5805	10.1827	11.5588	–	69.4421	14,115.45	5.6352	132.97	1,735.17	5.0553		Nov
2.5566	1.5397	9.9777	11.3296	–	68.0924	13,830.84	5.5373	131.21	1,703.03	4.9859		Dec
2.5383	1.4879	9.7436	11.0783	–	65.5361	13,263.60	5.2964	130.34	1,624.76	4.8170		2010 Jan
2.5237	1.4454	9.3462	10.6305	–	63.4291	12,786.05	5.1258	123.46	1,582.70	4.6743		Feb
2.4233	1.3889	9.2623	10.5313	–	61.7352	12,434.53	5.0772	123.03	1,542.59	4.5083		Mar
2.3550	1.3467	9.1505	10.4065	–	59.6203	12,101.70	4.9773	125.33	1,494.53	4.2935		Apr
2.2750	1.3060	8.5794	9.7843	–	57.6166	11,517.01	4.7640	115.83	1,465.81	4.0874		May
2.2057	1.2674	8.3245	9.5091	–	56.8582	11,169.39	4.7048	110.99	1,483.22	3.9853		June
2.2600	1.3322	8.6538	9.9308	–	59.8100	11,546.78	4.9236	111.73	1,538.85	4.0924		July
2.2691	1.3411	8.7520	10.0193	–	60.0584	11,573.26	4.8906	110.04	1,522.39	4.0654		Aug
2.2476	1.3515	8.8104	10.1470	–	60.0771	11,716.16	4.8792	110.26	1,517.10	4.0570		Sep
2.3378	1.4152	9.2665	10.7835	–	61.7399	12,407.16	5.0192	113.67	1,560.30	4.3092		Oct
2.3391	1.3831	9.0895	10.5941	–	61.4539	12,224.00	4.9770	112.69	1,544.16	4.2588		Nov
2.2387	1.3327	8.7873	10.2776	–	59.6472	11,925.21	4.7618	110.11	1,513.74	4.1313		Dec
2.2371	1.3277	8.8154	10.3945	–	60.7161	12,077.47	4.7909	110.38	1,495.50	4.0895		2011 Jan
2.2765	1.3484	8.9842	10.6312	–	62.0142	12,165.92	4.9939	112.77	1,524.99	4.1541		Feb
2.3220	1.3672	9.1902	10.9093	–	62.9526	12,263.18	4.9867	114.40	1,568.05	4.2483		Mar
2.2889	1.3834	9.4274	11.2269	–	64.1128	12,493.48	4.9573	120.42	1,567.52	4.3502		Apr
2.3131	1.3885	9.3198	11.1551	–	64.4735	12,290.33	4.9740	116.47	1,555.99	4.3272		May
2.2850	1.4063	9.3161	11.2021	–	64.5200	12,327.02	4.9169	115.75	1,555.32	4.3585		June
2.2329	1.3638	9.2121	11.1104	–	63.3537	12,171.27	4.8801	113.26	1,510.29	4.2716		July
2.2888	1.4071	9.1857	11.1846	–	65.0717	12,249.95	5.0841	110.43	1,542.01	4.2822		Aug
2.3946	1.3794	8.7994	10.7333	–	65.5964	12,118.49	5.0788	105.75	1,544.04	4.2456		Sep
2.4336	1.3981	8.7308	10.6616	–	67.5519	12,150.54	5.0253	105.06	1,578.17	4.2963		Oct
2.4210	1.3897	8.6154	10.5495	–	68.8330	12,214.99	5.0521	105.02	1,537.42	4.2756		Nov
2.4175	1.3481	8.3563	10.2496	–	69.2066	11,965.40	4.9725	102.55	1,513.26	4.1639		Dec
2.3084	1.3073	8.1465	10.0187	–	66.0601	11,709.25	4.9141	99.33	1,474.96	4.0151		2012 Jan
2.2729	1.3193	8.3314	10.2553	–	65.0589	11,913.82	4.9474	103.77	1,485.58	3.9978		Feb
2.3674	1.3121	8.3326	10.2474	–	66.5399	12,082.50	4.9679	108.88	1,487.83	4.0229		Mar
2.4405	1.3068	8.2921	10.2163	–	68.1939	12,068.69	4.9362	107.00	1,495.40	4.0277		Apr
2.5357	1.2916	8.0806	9.9291	–	69.6407	11,913.51	4.8974	101.97	1,481.36	3.9688		May
2.5658	1.2874	7.9676	9.7192	–	70.1673	11,830.22	4.8763	99.26	1,458.61	3.9836		June
2.4914	1.2461	7.8288	9.5308	–	68.1061	11,605.16	4.9042	97.07	1,404.11	3.8914		July
2.5170	1.2315	7.8864	9.6177	–	68.8632	11,777.55	4.9779	97.58	1,403.93	3.8643		Aug
2.6066	1.2583	8.1273	9.9686	–	70.0452	12,287.93	5.0717	100.49	1,444.65	3.9599		Sep
2.6333	1.2801	8.1390	10.0574	–	68.8589	12,457.30	4.9976	102.47	1,435.37	3.9649		Oct
2.6512	1.2787	7.9998	9.9423	–	70.3250	12,343.83	4.9970	103.94	1,395.13	3.9230		Nov
2.7264	1.2984	8.1809	10.1679	–	71.6946	12,643.37	4.9570	109.71	1,411.41	4.0075		Dec
2.6993	1.3189	8.2698	10.3027	–	72.0716	12,837.99	4.9706	118.34	1,417.69	4.0413		2013 Jan
2.6354	1.3477	8.3282	10.3608	–	71.9342	12,933.75	4.9359	124.40	1,452.82	4.1403		Feb
2.5694	1.3285	8.0599	10.0588	–	70.5579	12,590.61	4.7769	122.99	1,430.31	4.0309		Mar
2.6060	1.3268	8.0564	10.1110	–	70.7738	12,664.51	4.7164	127.54	1,460.89	3.9686		Apr
2.6414	1.3257	7.9715	10.0766	–	71.4760	12,673.13	4.7223	131.13	1,444.56	3.9200		May
2.8613	1.3596	8.0905	10.2349	–	77.0284	13,033.31	4.7865	128.40	1,498.33	4.1488		June

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 June	16.0617	2.0424	7.9915	68.903	36.7723	2.1278	12.3467	1.6139	51.649	1.9206	1.5553
July	16.1119	2.0900	8.0487	70.694	36.8261	2.1438	12.0328	1.6193	52.821	1.9128	1.5770
Aug	15.1269	2.1097	7.9723	67.307	36.2502	2.1024	11.4680	1.6212	50.697	1.7669	1.4975
Sep	15.2805	2.1293	8.1566	67.113	36.3727	2.0549	11.5899	1.5942	49.264	1.7843	1.4370
Oct	16.8177	2.1891	8.5928	63.882	35.2144	1.9666	12.9341	1.5194	45.872	1.9612	1.3322
Nov	16.6735	2.2554	8.8094	62.496	34.7964	1.9183	12.8785	1.5162	44.677	2.0342	1.2732
Dec	18.0764	2.4119	9.4228	64.505	37.8999	1.9888	13.4275	1.5393	47.107	2.0894	1.3449
2009 Jan	18.3762	2.4132	9.2164	62.354	42.3282	1.9742	13.1255	1.4935	46.218	2.1233	1.3239
Feb	18.6536	2.4851	8.7838	60.832	45.8079	1.9411	12.8005	1.4904	45.156	2.1280	1.2785
Mar	19.1278	2.4527	8.8388	63.105	45.1451	1.9949	12.9870	1.5083	46.667	2.2340	1.3050
Apr	17.7645	2.3123	8.7867	63.462	44.2135	1.9823	11.8784	1.5147	46.741	2.1277	1.3190
May	17.9969	2.2663	8.7943	64.600	43.5678	1.9939	11.4475	1.5118	47.241	2.1251	1.3650
June	18.6813	2.1967	8.9388	67.036	43.5553	2.0357	11.2718	1.5148	47.844	2.1675	1.4016
July	18.8143	2.1873	8.9494	67.724	44.3881	2.0421	11.2007	1.5202	47.969	2.1378	1.4088
Aug	18.5571	2.1097	8.6602	68.803	45.1972	2.0577	11.3415	1.5236	48.543	2.1236	1.4268
Sep	19.5255	2.0691	8.5964	69.967	44.7624	2.0720	10.9495	1.5148	49.239	2.1711	1.4562
Oct	19.5856	2.0065	8.3596	69.419	43.6188	2.0714	11.0938	1.5138	49.504	2.1823	1.4816
Nov	19.5478	2.0450	8.4143	70.165	43.1835	2.0711	11.2134	1.5105	49.634	2.2262	1.4914
Dec	18.7787	2.0383	8.4066	67.706	43.9019	2.0392	10.9261	1.5021	48.544	2.2013	1.4614
2010 Jan	18.2820	1.9646	8.1817	65.702	42.5749	1.9930	10.6492	1.4765	47.150	2.1028	1.4272
Feb	17.7154	1.9615	8.0971	63.317	41.2845	1.9326	10.4964	1.4671	45.360	2.0756	1.3686
Mar	17.0587	1.9301	8.0369	61.999	40.1219	1.8990	10.0589	1.4482	44.111	2.0821	1.3569
Apr	16.3957	1.8814	7.9323	59.788	39.1335	1.8505	9.8658	1.4337	43.279	1.9983	1.3406
May	15.9856	1.8010	7.8907	57.315	38.2707	1.7503	9.6117	1.4181	40.714	1.9459	1.2565
June	15.5346	1.7667	7.9062	56.594	38.1507	1.7081	9.3398	1.3767	39.635	1.9274	1.2209
July	16.3699	1.7925	8.0201	59.072	39.1317	1.7588	9.6351	1.3460	41.273	1.9669	1.2770
Aug	16.4571	1.8059	7.9325	58.245	39.1898	1.7482	9.4192	1.3413	40.937	1.9484	1.2894
Sep	16.7361	1.7955	7.9156	57.772	40.2564	1.7439	9.3236	1.3089	40.264	1.9528	1.3067
Oct	17.2845	1.8498	8.1110	60.285	42.1471	1.8116	9.6165	1.3452	41.636	1.9800	1.3898
Nov	16.8386	1.7703	8.1463	59.485	42.3360	1.7739	9.5320	1.3442	40.826	1.9717	1.3661
Dec	16.3797	1.7587	7.9020	58.050	40.7385	1.7262	9.0143	1.2811	39.805	2.0159	1.3220
2011 Jan	16.1926	1.7435	7.8199	59.089	40.2557	1.7193	9.2652	1.2779	40.827	2.0919	1.3360
Feb	16.4727	1.7925	7.8206	59.558	39.9469	1.7421	9.8126	1.2974	41.918	2.1702	1.3649
Mar	16.8063	1.8877	7.8295	60.870	39.8061	1.7757	9.6862	1.2867	42.506	2.2108	1.3999
Apr	16.9211	1.8331	7.8065	62.361	40.5363	1.8024	9.7200	1.2977	43.434	2.1975	1.4442
May	16.7177	1.8024	7.8384	61.953	40.0573	1.7763	9.8461	1.2537	43.398	2.2603	1.4349
June	16.9931	1.7666	7.8302	62.468	40.2670	1.7763	9.7807	1.2092	43.923	2.3077	1.4388
July	16.6491	1.6877	7.7829	60.961	39.8343	1.7359	9.7000	1.1766	42.949	2.3654	1.4264
Aug	17.5456	1.7108	7.7882	60.836	41.2954	1.7340	10.1532	1.1203	42.875	2.5147	1.4343
Sep	17.9370	1.6932	7.7243	59.322	42.3239	1.7229	10.3956	1.2005	41.902	2.4736	1.3770
Oct	18.4315	1.7361	7.7474	59.412	42.8569	1.7493	10.9188	1.2295	42.297	2.5089	1.3706
Nov	18.5646	1.7584	7.7868	58.743	41.8082	1.7476	11.0547	1.2307	41.969	2.4565	1.3556
Dec	18.1174	1.7102	7.7451	57.537	41.5686	1.7070	10.7829	1.2276	41.099	2.4632	1.3179
2012 Jan	17.3140	1.6132	7.6752	56.208	40.4394	1.6510	10.3405	1.2108	40.718	2.3759	1.2905
Feb	16.9159	1.5845	7.5522	56.419	39.4232	1.6585	10.1289	1.2071	40.614	2.3264	1.3224
Mar	16.8239	1.6104	7.5315	56.634	38.7804	1.6624	10.0475	1.2061	40.557	2.3631	1.3201
Apr	17.1900	1.6095	7.5698	56.145	38.8087	1.6459	10.3060	1.2023	40.639	2.3520	1.3162
May	17.4237	1.6538	7.5655	54.908	39.5585	1.6152	10.4412	1.2012	40.077	2.3149	1.2789
June	17.4529	1.6062	7.5401	53.510	41.1766	1.6016	10.5050	1.2011	39.640	2.2837	1.2526
July	16.4263	1.5390	7.4579	51.452	39.9467	1.5494	10.1379	1.2011	38.873	2.2281	1.2288
Aug	16.3600	1.5306	7.3239	52.173	39.6334	1.5480	10.2585	1.2011	38.974	2.2291	1.2400
Sep	16.6413	1.5721	7.3945	53.629	40.4006	1.5837	10.6512	1.2089	39.842	2.3177	1.2856
Oct	16.7207	1.5817	7.4076	53.691	40.3558	1.5879	11.2215	1.2098	39.811	2.3384	1.2974
Nov	16.7689	1.5660	7.3371	52.716	40.2505	1.5695	11.2986	1.2052	39.391	2.3010	1.2828
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
Feb	16.9872	1.5929	7.4232	54.355	40.3342	1.6546	11.8796	1.2298	39.839	2.3738	1.3359
Mar	16.2322	1.5657	7.4863	52.813	39.9332	1.6164	11.9169	1.2266	38.264	2.3453	1.2964
Apr	15.8895	1.5348	7.5444	53.649	40.7995	1.6120	11.8592	1.2199	37.857	2.3406	1.3026
May	15.9776	1.5774	7.5589	53.693	40.6842	1.6219	12.1798	1.2418	38.667	2.3739	1.2982
June	17.0716	1.6682	7.7394	56.658	42.6490	1.6613	13.2088	1.2322	40.664	2.5028	1.3189

* 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 ...

Period	EU member countries									
	Bulgaria Bulgarian lev BGN 2	Croatia 1 Croatian kuna HRK 3	Cyprus Cyprus pound CYP 4	Czech Republic Czech koruna CZK	Denmark Danish krone DKK	Estonia Estonian kroon EEK 4	Greece Greek drachma GRD 4	Hungary Hungarian forint HUF	Latvia Latvian lats LVL 2	Lithuania Lithuanian litas LTL 2
End of year										
1999			0.57667	36.103	7.4433	15.6466	330.30	254.70	0.5881	4.0169
2000	1.9543	7.5800	0.57369	35.047	7.4631	15.6466	340.75	265.00	0.5764	3.7229
2001	1.9463	7.3490	0.57504	31.962	7.4365	15.6466	–	245.18	0.5563	3.5228
2002	1.9546	7.4750	0.57316	31.577	7.4288	15.6466	–	236.29	0.6140	3.4525
2003	1.9557	7.6451	0.58637	32.410	7.4450	15.6466	–	262.50	0.6725	3.4524
2004	1.9559	7.6650	0.58000	30.464	7.4388	15.6466	–	245.97	0.6979	3.4528
2005	1.9563	7.3715	0.57350	29.000	7.4605	15.6466	–	252.87	0.6962	3.4528
2006	1.9558	7.3504	0.57820	27.485	7.4560	15.6466	–	251.77	0.6972	3.4528
2007	1.9558	7.3308	0.585274	26.628	7.4583	15.6466	–	253.73	0.6964	3.4528
2008	1.9558	7.3555	–	26.875	7.4506	15.6466	–	266.70	0.7083	3.4528
2009	1.9558	7.3000	–	26.473	7.4418	15.6466	–	270.42	0.7093	3.4528
2010	1.9558	7.3830	–	25.061	7.4535	15.6466	–	277.95	0.7094	3.4528
2011	1.9558	7.5370	–	25.787	7.4342	–	–	314.58	0.6995	3.4528
2012	1.9558	7.5575	–	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
2000	5 1.9477	6 7.6410	0.57392	35.599	7.4538	15.6466	336.63	260.04	0.5592	3.6952
2001	1.9482	7.4820	0.57589	34.068	7.4521	15.6466	–	256.59	0.5601	3.5823
2002	1.9492	7.4130	0.57530	30.804	7.4305	15.6466	–	242.96	0.5810	3.4594
2003	1.9490	7.5688	0.58409	31.846	7.4307	15.6466	–	253.62	0.6407	3.4527
2004	1.9533	7.4967	0.58185	31.891	7.4399	15.6466	–	251.66	0.6652	3.4529
2005	1.9558	7.4008	0.57683	29.782	7.4518	15.6466	–	248.05	0.6962	3.4528
2006	1.9558	7.3247	0.57578	28.342	7.4591	15.6466	–	264.26	0.6962	3.4528
2007	1.9558	7.3376	0.58263	27.766	7.4506	15.6466	–	251.35	0.7001	3.4528
2008	1.9558	7.2239	–	24.946	7.4560	15.6466	–	251.51	0.7027	3.4528
2009	1.9558	7.3400	–	26.435	7.4462	15.6466	–	280.33	0.7057	3.4528
2010	1.9558	7.2891	–	25.284	7.4473	15.6466	–	275.48	0.7087	3.4528
2011	1.9558	7.4390	–	24.590	7.4506	–	–	279.37	0.7063	3.4528
2012	1.9558	7.5217	–	25.149	7.4437	–	–	289.25	0.6973	3.4528

Period	EU member countries (cont'd)							Other European and non-European countries		
	Malta Maltese lira MTL 2 4	Poland Polish zloty PLN	Romania Romanian Leu (old)/(new) ROL/RON 2 7	Slovakia Slovak koruna SKK 2 4	Slovenia Slovenian tolar SIT 4	Sweden Swedish krona SEK	United Kingdom Pound sterling GBP	Australia Australian dollar AUD	Brazil Brazilian real BRL 8	Canada Canadian dollar CAD
End of year										
1999	0.4151	4.1587	18,345	42.402	198.9055	8.5625	0.62170	1.5422		1.4608
2000	0.4075	3.8498	24,142	43.933	213.5401	8.8313	0.62410	1.6770	1.8149	1.3965
2001	0.3994	3.4953	27,817	42.780	218.8364	9.3012	0.60850	1.7280	2.0465	1.4077
2002	0.4182	4.0210	35,135	41.503	230.1577	9.1528	0.65050	1.8556	3.7124	1.6550
2003	0.4317	4.7019	41,158	41.170	236.7000	9.0800	0.70480	1.6802	3.6698	1.6234
2004	0.4343	4.0845	39,390	38.745	239.7600	9.0206	0.70505	1.7459	3.6201	1.6416
2005	0.4293	3.8600	7 3.6802	37.880	239.5000	9.3885	0.68530	1.6109	2.7462	1.3725
2006	0.4293	3.8310	3.3835	34.435	239.6400	9.0404	0.67150	1.6691	2.8141	1.5281
2007	0.4293	3.5935	3.6077	33.583	–	9.4415	0.73335	1.6757	2.5914	1.4449
2008	–	4.1535	4.0225	30.126	–	10.8700	0.95250	2.0274	3.2436	1.6998
2009	–	4.1045	4.2363	–	–	10.2520	0.88810	1.6008	2.5113	1.5128
2010	–	3.9750	4.2620	–	–	8.9655	0.86075	1.3136	2.2177	1.3322
2011	–	4.4580	4.3233	–	–	8.9120	0.83530	1.2723	2.4159	1.3215
2012	–	4.0740	4.4445	–	–	8.5820	0.81610	1.2712	2.7036	1.3137
Annual averages +										
1999	0.4258	4.2274	16,345	44.123	194.4732	8.8075	0.65874	1.6523		1.5840
2000	0.4041	4.0082	19,922	42.602	206.6127	8.4452	0.60948	1.5889	6 1.6821	1.3706
2001	0.4030	3.6721	26,004	43.300	217.9797	9.2551	0.62187	1.7319	2.1069	1.3864
2002	0.4089	3.8574	31,270	42.694	225.9772	9.1611	0.62883	1.7376	2.7896	1.4838
2003	0.4261	4.3996	37,551	41.489	233.8493	9.1242	0.69199	1.7379	3.4701	1.5817
2004	0.4280	4.5268	40,510	40.022	239.0874	9.1243	0.67866	1.6905	3.6362	1.6167
2005	0.4299	4.0230	7 3.6209	38.599	239.5681	9.2822	0.68380	1.6320	3.0360	1.5087
2006	0.4293	3.8959	3.5258	37.234	239.5961	9.2544	0.68173	1.6668	2.7333	1.4237
2007	0.4293	3.7837	3.3353	33.775	–	9.2501	0.68434	1.6348	2.6633	1.4678
2008	–	3.5121	3.6826	31.262	–	9.6152	0.79628	1.7416	2.6737	1.5594
2009	–	4.3276	4.2399	–	–	10.6191	0.89094	1.7727	2.7674	1.5850
2010	–	3.9947	4.2122	–	–	9.5373	0.85784	1.4423	2.3314	1.3651
2011	–	4.1206	4.2391	–	–	9.0298	0.86788	1.3484	2.3265	1.3761
2012	–	4.1847	4.4593	–	–	8.7041	0.81087	1.2407	2.5084	1.2842

* See Explanatory notes, p 57. + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. 1 Accession to EU on 1 July 2013. 2 Up to September 2000, ECB indicative rates. 3 Up to March 2005, ECB indicative rates. 4 Accession to the euro area, see p 7 (Table I 1). 5 Average from 19 July to 29 December 2000. 6 Average from 13 January to 29 December

2000. 7 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. 8 Up to December 2007, ECB indicative rates.

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)										
	China	Hong Kong	Iceland	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia	Mexico
Period	Chinese yuan renminbi CNY ¹	Hong Kong dollar HKD ²	Icelandic krona ISK ^{2 3}	Indian rupee INR ⁴	Indonesian rupiah IDR ¹	New Israeli sheqel ILS ⁵	Japanese yen JPY	South Korean won KRW ²	Malaysian ringgit MYR ¹	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	7.7017	7.2578	78.80	43.4290	9,077.75	3.7620	106.92	1,177.08	3.5380	8.9255
2001	7.2945	6.8723	91.48	42.4950	9,227.43	3.8746	115.33	1,161.55	3.3475	8.0466
2002	8.6801	8.1781	84.74	50.2930	9,387.21	4.9708	124.39	1,243.76	3.9857	10.9605
2003	10.4539	9.8049	89.46	57.5780	10,643.10	5.5424	135.05	1,506.32	4.8019	14.1807
2004	11.2741	10.5881	83.60	59.2590	12,653.91	5.8922	139.65	1,410.05	5.1802	15.2235
2005	9.5204	9.1474	74.57	53.1130	11,596.45	5.4334	138.90	1,184.42	4.4584	12.5945
2006	10.2793	10.2409	93.13	58.2180	11,844.44	5.5677	156.93	1,224.81	4.6490	14.2899
2007	10.7524	11.4800	91.90	57.8620	13,826.70	5.6539	164.93	1,377.96	4.8682	16.0732
2008	9.4956	10.7858	³ -	67.4370	15,239.12	5.2919	126.14	1,839.13	4.8048	19.2339
2009	9.8350	11.1709	-	67.0400	13,626.13	5.4524	133.16	1,666.97	4.9326	18.9223
2010	8.8220	10.3856	-	59.7580	12,002.14	4.7321	108.65	1,499.06	4.0950	16.5475
2011	8.1588	10.0510	-	68.7130	11,731.47	4.9453	100.20	1,498.69	4.1055	18.0512
2012	8.2207	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 7.6168	7.1973	72.58	⁷ 41.3561	7,731.57	⁷ 3.7506	99.47	1,043.50	3.5101	8.7361
2001	7.4131	6.9855	87.42	42.2471	9,167.71	3.7672	108.68	1,154.83	3.4036	8.3710
2002	7.8265	7.3750	86.18	45.9248	8,785.12	4.4800	118.06	1,175.50	3.5933	9.1628
2003	9.3626	8.8079	86.65	52.6100	9,685.54	5.1340	130.97	1,346.90	4.2983	12.2144
2004	10.2967	9.6881	87.14	56.3008	11,127.34	5.5706	134.44	1,422.62	4.7273	14.0386
2005	10.1955	9.6768	78.23	54.8117	12,072.83	5.5807	136.85	1,273.61	4.7119	13.5643
2006	10.0096	9.7545	87.76	56.8435	11,512.37	5.5920	146.02	1,198.58	4.6044	13.6936
2007	10.4178	10.6912	87.63	56.4186	12,528.33	5.6278	161.25	1,272.99	4.7076	14.9743
2008	10.2236	11.4541	³ 143.83	63.6143	14,165.16	5.2561	152.45	1,606.09	4.8893	16.2911
2009	9.5277	10.8114	-	67.3611	14,443.74	5.4668	130.34	1,772.90	4.9079	18.7989
2010	8.9712	10.2994	-	60.5878	12,041.70	4.9457	116.24	1,531.82	4.2668	16.7373
2011	8.9960	10.8362	-	64.8859	12,206.51	4.9775	110.96	1,541.23	4.2558	17.2877
2012	8.1052	9.9663	-	68.5973	12,045.73	4.9536	102.49	1,447.69	3.9672	16.9029

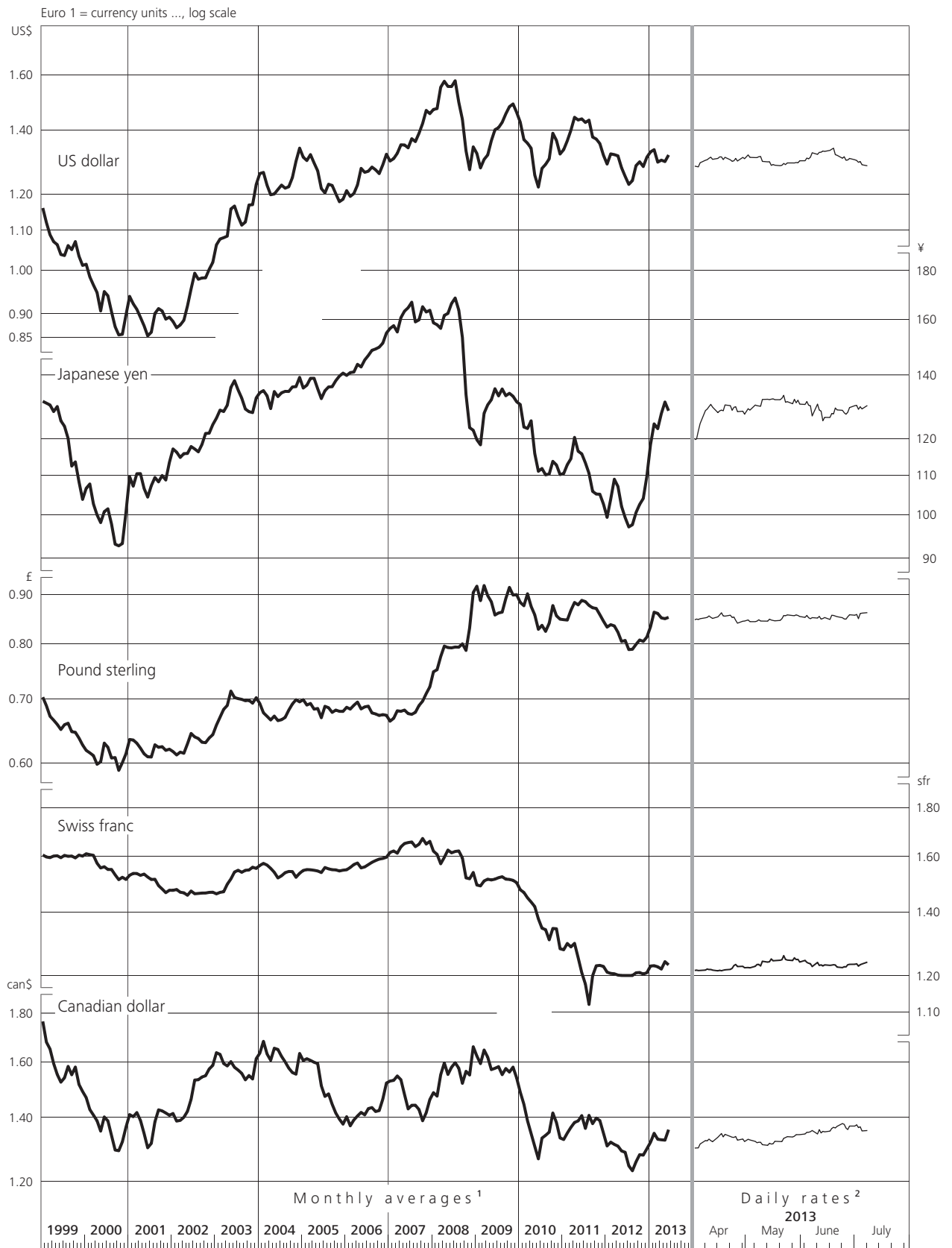
Other European and non-European countries (cont'd)										
	New Zealand	Norway	Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United States
	New Zealand dollar NZD	Norwegian krone NOK	Philippine peso PHP ¹	Russian rouble RUB ¹	Singapore dollar SGD ²	South African rand ZAR ²	Swiss franc CHF	Thai baht THB ¹	Turkish lira / New Turkish lira TRL / TRY ^{2 8}	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: June 2013. ² Last updated: 8 July 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	100.1	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	94.9	90.7	93.5	96.9	89.6	91.9	91.8	
2003	100.6	101.5	106.8	101.6	97.0	95.7	99.2	96.5	96.7	
2004	104.4	105.3	111.4	105.2	98.4	95.4	102.9	98.0	98.2	
2005	102.9	103.8	109.4	102.7	98.4	95.2	103.3	96.9	96.5	
2006	102.8	103.8	109.4	102.0	98.5	94.8	104.2	96.4	95.8	
2007	106.2	106.5	112.8	104.0	100.8	95.1	109.8	97.8	96.9	
2008	109.4	108.6	117.0	105.9	102.2	94.5	114.9	97.8	97.0	
2009	110.6	109.2	119.8	106.8	101.7	94.4	113.8	97.9	97.4	
2010	103.6	101.6	111.5	98.1	98.8	94.0	106.1	93.9	92.2	
2011	103.4	100.7	112.2	97.6	98.2	93.7	105.2	93.1	91.7	
2012	97.8	95.5	107.1	92.8	96.0	93.2	99.7	90.3	88.8	
2009 Mar	110.0	108.8	119.6	107.0	101.4	94.4	113.0	97.7	97.5	
Apr	109.1	108.0	118.3	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	120.1	107.3	101.9	94.6	114.0	98.3	97.7	
July	110.6	109.1	119.8	106.7	101.8	94.5	113.7	97.8	97.2	
Aug	110.6	109.1	119.9	106.8	101.9	94.6	114.0	97.9	97.4	
Sep	111.8	110.0	121.2	107.6	102.1	94.4	114.9	98.2	97.6	
Oct	113.1	111.2	122.1	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	120.9	106.8	102.2	94.4	115.1	98.2	97.4	
2010 Jan	109.7	107.6	118.3	104.4	101.2	94.2	112.7	97.0	95.9	
Feb	107.0	104.8	115.5	101.7	100.1	94.1	109.7	95.6	94.3	
Mar	106.2	104.3	114.3	100.8	100.2	94.2	109.7	95.2	93.8	
Apr	105.0	103.1	112.6	99.3	99.5	93.9	108.3	94.4	92.7	
May	101.8	100.0	109.1	96.3	98.2	94.0	104.5	93.1	91.2	
June	99.8	98.0	107.0	94.4	97.2	94.0	101.6	92.1	90.2	
July	101.6	99.8	109.2	96.4	97.8	94.0	103.2	92.9	91.2	
Aug	101.2	99.4	108.9	96.0	97.6	94.0	102.9	92.7	91.0	
Sep	101.5	99.5	109.3	96.0	97.7	93.9	103.2	92.7	91.0	
Oct	105.0	102.6	113.0	99.0	99.1	93.9	107.3	94.2	92.6	
Nov	103.7	101.2	111.8	97.7	98.8	94.0	106.1	93.7	92.0	
Dec	101.7	99.2	109.4	95.6	97.8	94.0	103.4	92.8	91.0	
2011 Jan	101.4	99.0	109.4	95.5	97.8	93.9	103.5	92.4	90.7	
Feb	102.4	99.9	110.7	96.5	98.1	93.8	104.5	92.8	91.2	
Mar	104.1	101.6	112.4	98.1	98.6	93.8	106.1	93.5	91.9	
Apr	105.9	103.4	114.1	99.7	99.6	93.8	108.7	94.4	92.8	
May	104.9	102.1	113.3	98.6	99.0	93.7	107.2	93.7	92.1	
June	105.0	102.1	113.5	98.7	98.9	93.6	107.2	93.7	92.2	
July	104.0	101.1	112.4	97.7	98.6	93.7	106.1	93.3	91.8	
Aug	103.9	100.9	113.0	98.1	98.2	93.6	105.0	93.1	91.9	
Sep	102.8	99.9	112.1	97.4	97.8	93.6	103.9	92.8	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	93.4	101.8	91.8	90.6	
2012 Jan	98.9	96.3	108.1	93.7	96.2	93.3	100.0	90.8	89.4	
Feb	99.6	97.2	108.4	94.2	96.8	93.4	101.5	91.2	89.6	
Mar	99.8	97.3	108.7	94.3	96.9	93.3	101.9	91.2	89.6	
Apr	99.5	97.2	108.5	94.2	96.7	93.3	101.5	91.1	89.6	
May	98.0	95.7	107.3	93.0	96.0	93.3	99.5	90.4	89.0	
June	97.2	94.8	106.7	92.4	95.5	93.1	98.5	89.9	88.5	
July	95.3	93.2	104.3	90.6	94.9	93.1	96.8	89.1	87.5	
Aug	95.2	93.1	104.5	90.6	95.0	93.1	97.0	89.1	87.6	
Sep	97.2	95.0	106.6	92.5	95.6	93.1	99.0	89.9	88.5	
Oct	97.8	95.5	107.3	92.8	95.9	92.9	99.9	90.1	88.7	
Nov	97.2	94.9	106.7	92.3	95.9	93.0	99.7	90.0	88.5	
Dec	98.7	96.2	108.3	93.5	96.5	93.0	101.6	90.6	89.1	
2013 Jan	100.4	98.0	109.9	94.8	97.4	93.1	104.0	91.5	89.9	
Feb	101.6	99.1	111.2	95.7	98.0	93.1	105.6	92.0	90.3	
Mar	100.2	97.9	109.5	94.4	97.7	93.2	104.4	91.5	89.7	
Apr	100.4	p 97.9	109.8	p 94.4	p 97.6	p 92.9	p 104.6	p 91.3	p 89.5	
May	100.5	p 98.1	110.0	p 94.6	p 98.1	p 93.2	p 105.6	p 91.7	p 89.9	
June	101.6	p 99.1	112.0	p 96.2	p 98.2	p 93.1	p 106.0	p 92.1	p 90.7	

* 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			
					April 2013	May 2013	June 2013	
Afghanistan								
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 50.9650	AFN 54.9000	AFN 55.2900	AFN 56.2900	
		S	USD 1 =	AFN 51.0650	AFN 55.0000	AFN 55.3900	AFN 56.3900	
	AFN	B	EUR 1 =	AFN 65.5450	AFN 71.1500	AFN 71.3900	AFN 73.1000	
		S	EUR 1 =	AFN 65.8050	AFN 71.4100	AFN 71.6500	AFN 73.3600	
	Albania							
	Tirana 070	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 108.09	ALL 107.65	ALL 108.16	ALL 107.99
M			EUR 1 =	ALL 139.11	ALL 140.72	ALL 140.45	ALL 140.96	
Algeria								
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 77.6012	DZD 78.3114	DZD 79.0219	DZD 80.0157	
		S	USD 1 =	DZD 77.6162	DZD 78.3264	DZD 79.0369	DZD 80.0307	
	DZD	B	EUR 1 =	DZD 102.0723	DZD 103.0891	DZD 102.7048	DZD 104.5085	
		S	EUR 1 =	DZD 102.1099	DZD 103.1324	DZD 102.7480	DZD 104.5601	
Angola								
Luanda 330	Kwanza = 100 cêntimos	B	USD 1 =	AOA 95.191	AOA 95.805	AOA 95.928	AOA 96.071	
		S	USD 1 =	AOA 95.667	AOA 96.284	AOA 96.408	AOA 96.552	
	AOA	B	EUR 1 =	AOA 122.768	AOA 125.428	AOA 124.208	AOA 125.133	
		S	EUR 1 =	AOA 123.352	AOA 126.017	AOA 124.819	AOA 125.720	
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 3.5140	XCD 3.4963	XCD 3.5162	
		V, S	EUR 1 =	XCD 3.4907	XCD 3.5515	XCD 3.5336	XCD 3.5537	
Argentina								
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 4.5123	ARS 5.1470	ARS 5.2440	ARS 5.3480	
		S	USD 1 =	ARS 4.5523	ARS 5.1870	ARS 5.2840	ARS 5.3880	
	ARS	B	EUR 1 =	ARS 5.7934	ARS 6.7657	ARS 6.7952	ARS 6.9492	
		S	EUR 1 =	ARS 5.8530	ARS 6.8313	ARS 6.8602	ARS 7.0146	
Armenia								
Yerevan 077	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 401.73	AMD 410.98	AMD 417.22	AMD 409.90	
		M	EUR 1 =	AMD 517.27	AMD 537.36	AMD 541.59	AMD 535.25	
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 233.55	AWG 231.64	AWG 232.96	
		S	EUR 100 =	AWG 232.66	AWG 235.90	AWG 233.97	AWG 235.30	

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		
					April 2013	May 2013	June 2013
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 1.0375	USD 1.0368	USD 0.9649	USD 0.9275
		M	AUD 1 =	EUR 0.8043	EUR 0.7908	EUR 0.7403	EUR 0.7095
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3072	USD 1.3006	USD 1.3080
Azerbaijan							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 0.7856	AZN 0.7846	AZN 0.7846	AZN 0.7845
		M	EUR 1 =	AZN 1.0112	AZN 1.0275	AZN 1.0228	AZN 1.0252
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 1.31710	BSD 1.29660	BSD 1.27710
		S	EUR 1 =	BSD 1.32017	BSD 1.32370	BSD 1.30310	BSD 1.33590
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 0.4781033	BHD 0.4752127	BHD 0.4758335
		S	EUR 1 =	BHD 0.5011680	BHD 0.5076767	BHD 0.5046073	BHD 0.5052665
Bangladesh 1							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 81.3708	BDT 77.0500	BDT 77.1000	BDT 77.0000
		S	USD 1 =	BDT 82.3502	BDT 78.0400	BDT 78.0900	BDT 77.9900
		B	EUR 1 =	BDT 104.1215	BDT 99.3754	BDT 98.5916	BDT 99.0359
		S	EUR 1 =	BDT 107.5168	BDT 103.2755	BDT 102.6435	BDT 103.0559
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 2.60305	BBD 2.59827	BBD 2.59787
		S	EUR 1 =	BBD 2.61572	BBD 2.65185	BBD 2.64698	BBD 2.64658
Belarus							
Minsk 073	Belarusian rouble BYR	M	USD 1 =	BYR 8,342.50	BYR 8,650.00	BYR 8,700.00	BYR 8,790.00
		M	EUR 1 =	BYR 10,734.17	BYR 11,320.00	BYR 11,250.00	BYR 11,450.00

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		
					April 2013	May 2013	June 2013
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3072	USD 1.3006	USD 1.3080
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 2.5921	BZD 2.5759	BZD 2.5945
			EUR 1 =	BZD 2.6026	BZD 2.6379	BZD 2.6213	BZD 2.6403
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 1.3020	BMD 1.2954	BMD 1.3028
			EUR 1 =	BMD 1.2903	BMD 1.3128	BMD 1.3062	BMD 1.3136
Bhutan ¹							
Thimphu 675	Ngultrum = 100 chhetrum BTN	B S	USD 1 =	BTN 53.39	BTN 54.11	BTN 56.02	BTN 59.22
			USD 1 =	BTN 53.77	BTN 54.49	BTN 56.41	BTN 59.63
		B S	EUR 1 =	BTN 68.89	BTN 70.82	BTN 72.68	BTN 77.30
			EUR 1 =	BTN 69.35	BTN 71.31	BTN 73.18	BTN 77.82
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 8.9674	BOB 8.9221	BOB 8.9729
			EUR 1 =	BOB 8.9439	BOB 9.0981	BOB 9.0522	BOB 9.1037
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga BAM	B S	USD 1 =	BAM 1.511291	BAM 1.487791	BAM 1.507217	BAM 1.491545
			USD 1 =	BAM 1.518866	BAM 1.495249	BAM 1.514771	BAM 1.499021
		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 0.1234	USD 0.1153	USD 0.1163
			BWP 1 =	USD 0.1314	USD 0.1231	USD 0.1150	USD 0.1160
		B S	BWP 1 =	EUR 0.1019	EUR 0.0944	EUR 0.0887	EUR 0.0889
			BWP 1 =	EUR 0.1017	EUR 0.0941	EUR 0.0884	EUR 0.0887

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		
					April 2013	May 2013	June 2013
Brazil							
Brasilia 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 1.9544	BRL 2.0011	BRL 2.1314	BRL 2.2150
		S	USD 1 =	BRL 1.9550	BRL 2.0017	BRL 2.1319	BRL 2.2156
	BRL	B	EUR 1 =	BRL 2.5267	BRL 2.6354	BRL 2.7668	BRL 2.8817
		S	EUR 1 =	BRL 2.5277	BRL 2.6364	BRL 2.7676	BRL 2.8827
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.2350	BND 1.2234	BND 1.2553	BND 1.2559
		S	USD 1 =	BND 1.2560	BND 1.2444	BND 1.2763	BND 1.2768
	BND	B	EUR 1 =	BND 1.5838	BND 1.5904	BND 1.6127	BND 1.6254
		S	EUR 1 =	BND 1.6405	BND 1.6469	BND 1.6692	BND 1.6818
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.52364	BGN 1.49620	BGN 1.50379	BGN 1.49528
		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 1,538.0739	BIF 1,524.4416	BIF 1,521.4122
		S	USD 1 =	BIF 1,468.7426	BIF 1,569.1461	BIF 1,555.2384	BIF 1,552.1478
	BIF	B	EUR 1 =	BIF 1,851.3854	BIF 2,014.3384	BIF 1,987.9481	BIF 1,987.2686
		S	EUR 1 =	BIF 1,898.2559	BIF 2,055.0322	BIF 2,028.1087	BIF 2,027.4154
Cambodia							
Phnom Penh 696	Riel = 100 sen KHR	M	USD 1 =	KHR 4,034	KHR 4,020	KHR 4,065	KHR 4,062
		B	EUR 1 =	KHR 5,201	KHR 5,263	KHR 5,300	KHR 5,297
		S	EUR 1 =	KHR 5,201	KHR 5,316	KHR 5,353	KHR 5,350
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 1.0072	CAD 1.0339	CAD 1.0512
		M	EUR 1 =	CAD 1.2898	CAD 1.3265	CAD 1.3427	CAD 1.3676
Cape Verde							
Praia 247	Cape Verde escudo = 100 centavos CVE	B	USD 1 =	CVE 85.447	CVE 83.987	CVE 85.085	CVE 84.510
		S	USD 1 =	CVE 85.649	CVE 84.189	CVE 85.287	CVE 84.712
		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		
					April 2013	May 2013	June 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 1.0893	KYD 1.0838	KYD 1.0900
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 471.54	CLP 492.80	CLP 503.86
		M	EUR 1 =	CLP 624.33	CLP 617.44	CLP 642.84	CLP 657.01
China							
Peking / Beijing 720	Chinese yuan renminbi = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.3128	CNY 6.2208	CNY 6.1796	CNY 6.1787
		M	EUR 1 =	CNY 8.1423	CNY 8.0917	CNY 8.0622	CNY 8.0536
		M	HKD 1 =	CNY 0.81380	CNY 0.80119	CNY 0.79599	CNY 0.79655
China (Taiwan)							
Taipeh 736	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 29.48	TWD 29.40	TWD 29.88	TWD 29.92
		S	USD 1 =	TWD 29.58	TWD 29.50	TWD 29.98	TWD 30.02
		B	EUR 1 =	TWD 37.78	TWD 38.36	TWD 38.85	TWD 38.92
		S	EUR 1 =	TWD 38.18	TWD 38.76	TWD 39.25	TWD 39.32
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	B	USD 1 =	COP 1,794.93	COP 1,828.35	COP 1,891.01	COP 1,922.11
		S	USD 1 =	COP 1,795.84	COP 1,829.23	COP 1,891.95	COP 1,923.15
		V, B	EUR 1 =	COP 2,306.34	COP 2,390.02	COP 2,459.45	COP 2,514.12
		V, S	EUR 1 =	COP 2,307.52	COP 2,391.17	COP 2,460.67	COP 2,515.48
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		
					April 2013	May 2013	June 2013
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 900.5358	CDF 900.3985	CDF 899.7953	CDF 898.4562
		S	USD 1 =	CDF 937.2923	CDF 937.1495	CDF 936.5216	CDF 935.1278
	CDF	B	EUR 1 =	CDF 1,161.1351	CDF 1,178.2258	CDF 1,167.2344	CDF 1,170.8921
		S	EUR 1 =	CDF 1,208.5644	CDF 1,226.3167	CDF 1,214.8767	CDF 1,218.6836
Cook Islands ¹							
Avarua 837	Cook Islands dollar = 100 cents NZD	² B	NZD 1 =	EUR 0.6404	EUR 0.6669	EUR 0.6328	EUR 0.6095
		S	NZD 1 =	EUR 0.6183	EUR 0.6423	EUR 0.6092	EUR 0.5866
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 497.23	CRC 493.36	CRC 493.22	CRC 493.03
		S	USD 1 =	CRC 508.28	CRC 504.46	CRC 504.20	CRC 504.53
	CRC	V, B	EUR 1 =	CRC 643.1158	CRC 644.9202	CRC 641.4819	CRC 644.8832
		V, S	EUR 1 =	CRC 657.4196	CRC 659.4301	CRC 655.7625	CRC 659.9252
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 5.794370	HRK 5.843593	HRK 5.689225
		S	USD 1 =	HRK 5.865864	HRK 5.829240	HRK 5.878761	HRK 5.723463
	HRK	B	EUR 1 =	HRK 7.505111	HRK 7.577876	HRK 7.533561	HRK 7.428990
		S	EUR 1 =	HRK 7.550278	HRK 7.623480	HRK 7.578899	HRK 7.473698
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 1.26636	CUC 1.26050	CUC 1.26018
		S	EUR 1 =	CUC 1.33220	CUC 1.35148	CUC 1.34521	CUC 1.34487
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 233.55	ANG 231.64	ANG 232.96
		S	EUR 100 =	ANG 234.98	ANG 238.26	ANG 236.31	ANG 237.66
Cyprus ¹							
Nicosia 600	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3072	USD 1.3006	USD 1.3080
Czech Republic							
Prague 061	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 19.583	CZK 19.733	CZK 19.769	CZK 19.841
		M	EUR 1 =	CZK 25.115	CZK 25.795	CZK 25.710	CZK 25.950

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		
					April 2013	May 2013	June 2013
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 579.72	DKK 570.38	DKK 573.25	DKK 570.24
			EUR 100 =	DKK 744.52	DKK 745.60	DKK 745.57	DKK 745.88
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 229.96	DJF 227.55	DJF 227.36
			S	EUR 1 =	DJF 235.41	DJF 238.50	DJF 236.02	DJF 238.18
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 3.5140	XCD 3.4963	XCD 3.5162
			V, S	EUR 1 =	XCD 3.4907	XCD 3.5515	XCD 3.5336	XCD 3.5537
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 39.2889	DOP 41.0409	DOP 41.2034	DOP 41.7930
			S	USD 1 =	DOP 39.3785	DOP 41.1364	DOP 41.3011	DOP 41.9305
		V, B	EUR 1 =	DOP 50.8090	DOP 53.6487	DOP 53.5891	DOP 54.6652
			V, S	EUR 1 =	DOP 50.9253	DOP 53.7735	DOP 53.7162	DOP 54.8451
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 6.0758	EGP 6.9344	EGP 6.9837	EGP 7.0193
			S	USD 1 =	EGP 6.1016	EGP 6.9645	EGP 7.0138	EGP 7.0494
		B	EUR 1 =	EGP 7.7897	EGP 9.0552	EGP 9.0589	EGP 9.0918
			S	EUR 1 =	EGP 7.9739	EGP 9.4605	EGP 9.5579	EGP 9.5909
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 11.4380	SVC 11.3803	SVC 11.4450
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 19.6230	ERN 19.4760	ERN 19.5330
			S	EUR 1 =	ERN 20.1399	ERN 20.3825	ERN 20.2355	ERN 20.2925
Estonia							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3072	USD 1.3006	USD 1.3080

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		
					April 2013	May 2013	June 2013
Ethiopia							
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 17.737600	ETB 18.4929	ETB 18.5734	ETB 18.6426
		S	USD 1 =	ETB 18.092358	ETB 18.8628	ETB 18.9449	ETB 19.0155
	ETB	B	EUR 1 =	ETB 22.886367	ETB 24.2072	ETB 24.0897	ETB 24.3789
S		EUR 1 =	ETB 23.344083	ETB 24.6914	ETB 24.5715	ETB 24.8665	
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	FJD 1 =	USD 0.5676	USD 0.5672	USD 0.5485	USD 0.5375
		S	FJD 1 =	USD 0.5506	USD 0.5502	USD 0.5315	USD 0.5205
	FJD	B	FJD 1 =	EUR 0.4396	EUR 0.4336	EUR 0.4196	EUR 0.4113
		S	FJD 1 =	EUR 0.4276	EUR 0.4216	EUR 0.4076	EUR 0.3993
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3072	USD 1.3006	USD 1.3080
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3072	USD 1.3006	USD 1.3080
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	USD 1 =	.	GMD 34.30	GMD 34.80	GMD 35.65
		S	USD 1 =	.	GMD 35.30	GMD 35.90	GMD 36.50
	GMD	B	EUR 1 =	.	GMD 43.80	GMD 43.90	GMD 44.50
		S	EUR 1 =	.	GMD 45.40	GMD 45.00	GMD 45.50
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 =	GEL 1.6524	GEL 1.6508	GEL 1.6411	GEL 1.6509
		M	EUR 1 =	GEL 2.1268	GEL 2.1602	GEL 2.1297	GEL 2.1566
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3072	USD 1.3006	USD 1.3080

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		
					April 2013	May 2013	June 2013
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas	B	USD 1 =	GHS 1.8191	GHS 1.9661	GHS 1.9710	GHS 1.9870
		S	USD 1 =	GHS 1.8535	GHS 1.9686	GHS 1.9735	GHS 1.9895
	GHS	B	EUR 1 =	GHS 2.3494	GHS 2.5748	GHS 2.5716	GHS 2.5864
		S	EUR 1 =	GHS 2.3937	GHS 2.5784	GHS 2.5734	GHS 2.5893
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 1.3072	USD 1.3006	USD 1.3080
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 3.5140	XCD 3.4963	XCD 3.5162
		V, S	EUR 1 =	XCD 3.4907	XCD 3.5515	XCD 3.5336	XCD 3.5537
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ	M	USD 1 =	GTQ 7.83980	GTQ 7.78443	GTQ 7.79449	GTQ 7.83298
		V, M	EUR 1 =	GTQ 10.13717	GTQ 10.17581	GTQ 10.13751	GTQ 10.24554
Guinea							
Conakry 260	Guinean franc	B	USD 1 =	GNF 6,664.2067	GNF 6,550.1453	GNF 6,534.1852	GNF 6,532.4269
		S	USD 1 =	GNF 7,076.4257	GNF 6,955.3090	GNF 6,938.3617	GNF 6,936.4946
	GNF	B	EUR 1 =	GNF 8,612.2704	GNF 8,565.1665	GNF 8,499.0147	GNF 8,522.2041
		S	EUR 1 =	GNF 9,144.9881	GNF 9,094.9706	GNF 9,024.7270	GNF 9,049.3508
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 204.49	GYD 205.24	GYD 205.49
		S	USD 1 =	GYD 206.27	GYD 206.92	GYD 207.68	GYD 207.93
	GYD	B	EUR 1 =	GYD 263.48	GYD 267.22	GYD 266.58	GYD 268.47
		S	EUR 1 =	GYD 266.82	GYD 270.61	GYD 269.96	GYD 271.87

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		
					April 2013	May 2013	June 2013
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 42.0110	HTG 43.3461	HTG 43.6803	HTG 43.7922
		V, M	EUR 1 =	HTG 54.3233	HTG 56.6620	HTG 56.8106	HTG 57.2802
Honduras							
Tegucigalpa 424	Lempira = 100 centavos HNL	B	USD 1 =	HNL 19.5386	HNL 20.2563	HNL 20.3399	HNL 20.4164
		S	USD 1 =	HNL 19.6750	HNL 20.3973	HNL 20.4820	HNL 20.5591
		V, B	EUR 1 =	HNL 25.2644	HNL 26.4790	HNL 26.4541	HNL 26.7047
		V, S	EUR 1 =	HNL 25.4407	HNL 26.6634	HNL 26.6389	HNL 26.8913
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.74472	HKD 7.74910	HKD 7.75180	HKD 7.74480
		S	USD 1 =	HKD 7.76801	HKD 7.77120	HKD 7.77390	HKD 7.76690
		B	EUR 1 =	HKD 9.99419	HKD 10.14038	HKD 10.08638	HKD 10.08968
		S	EUR 1 =	HKD 10.06214	HKD 10.20032	HKD 10.14642	HKD 10.14972
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 225.37	HUF 229.75	HUF 227.91	HUF 226.18
		M	EUR 1 =	HUF 288.05	HUF 300.03	HUF 296.63	HUF 295.16
Iceland							
Reykjavik 024	Icelandic krona ISK	B	USD 1 =	ISK 126.59	ISK 116.71	ISK 122.47	ISK 123.00
		S	USD 1 =	ISK 127.20	ISK 117.27	ISK 123.05	ISK 123.58
		B	EUR 1 =	ISK 160.29	ISK 152.48	ISK 159.04	ISK 160.65
		S	EUR 1 =	ISK 161.18	ISK 153.34	ISK 159.92	ISK 161.55
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	B	USD 1 =	INR 52.99	INR 53.73	INR 56.03	INR 59.40
		S	USD 1 =	INR 53.82	INR 54.55	INR 56.86	INR 60.24
		B	EUR 1 =	INR 68.23	INR 70.12	INR 72.70	INR 77.37
		S	EUR 1 =	INR 69.80	INR 71.73	INR 74.34	INR 79.07
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 9,359.88	IDR 9,673.00	IDR 9,753.00	IDR 9,879.00
		S	USD 1 =	IDR 9,453.71	IDR 9,771.00	IDR 9,851.00	IDR 9,979.00
		B	EUR 1 =	IDR 12,098.85	IDR 12,663.89	IDR 12,718.89	IDR 12,909.88
		S	EUR 1 =	IDR 12,223.43	IDR 12,795.12	IDR 12,848.66	IDR 13,044.55
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 16,047	IRR 15,888	IRR 15,955

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			
					April 2013	May 2013	June 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 1,528.211	IQD 1,509.448	IQD 1,518.771	
		S	EUR 1 =	IQD 1,501.973	IQD 1,528.976	IQD 1,510.203	IQD 1,519.531	
	Ireland							
	Dublin 007	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3072	USD 1.3006	USD 1.3080
Israel								
Jerusalem 624	New Israeli sheqel = 100 agorot ILS	M	USD 1 =	ILS 3.8580	ILS 3.5940	ILS 3.6830	ILS 3.6180	
		M	EUR 1 =	ILS 4.9645	ILS 4.6956	ILS 4.7988	ILS 4.7197	
Italy								
Rome 005	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3072	USD 1.3006	USD 1.3080	
Jamaica								
Kingston 464	Jamaican dollar = 100 cents JMD	B	USD 1 =	JMD 88.7233	JMD 98.7650	JMD 98.6611	JMD 100.5591	
		S	USD 1 =	JMD 89.2293	JMD 99.3481	JMD 99.4495	JMD 101.3752	
	JMD	B	EUR 1 =	JMD 114.3491	JMD 129.3589	JMD 128.8326	JMD 130.9061	
		S	EUR 1 =	JMD 114.9744	JMD 130.1672	JMD 129.6835	JMD 131.8290	
Japan								
Tokyo 732	Japanese yen = 100 sen JPY	B	USD 1 =	JPY 78.75	JPY 96.92	JPY 100.18	JPY 97.59	
		S	USD 1 =	JPY 80.75	JPY 98.92	JPY 102.18	JPY 99.59	
	JPY	B	EUR 1 =	JPY 101.96	JPY 126.68	JPY 130.46	JPY 127.03	
		S	EUR 1 =	JPY 104.96	JPY 129.68	JPY 133.46	JPY 130.03	
Jordan								
Amman 628	Jordanian dinar = 1,000 fils JOD	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 0.92444	JOD 0.91573	JOD 0.91983	
		S	EUR 1 =	JOD 0.91907	JOD 0.93152	JOD 0.92343	JOD 0.93031	
Kazakhstan								
Astana 079	Tenge = 100 tiyn KZT	M	USD 1 =	KZT 149.16	KZT 151.24	KZT 151.08	KZT 151.76	
		M	EUR 1 =	KZT 191.85	KZT 197.94	KZT 195.85	KZT 197.76	
Kenya ¹								
Nairobi 346	Kenya shilling = 100 cents KES	B	USD 1 =	KES 84.5576	KES 83.7194	KES 85.0361	KES 85.9117	
		S	USD 1 =	KES 84.7455	KES 83.9222	KES 85.2111	KES 86.1033	
	KES	B	EUR 1 =	KES 109.2470	KES 109.8158	KES 110.7919	KES 112.2652	
		S	EUR 1 =	KES 109.5186	KES 110.0811	KES 111.0489	KES 112.5300	

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		
					April 2013	May 2013	June 2013
Kiribati ¹							
Bairiki / Tarawa 812	Australian dollar / Kiribati = 100 cents AUD	² M	AUD 1 =	EUR 0.8043	EUR 0.7908	EUR 0.7403	EUR 0.7095
Korea, Democratic People's Republic of							
Pyongyang 724	North Korean won = 100 chon KPW	M M	USD 1 = EUR 1 =	. .	. .	KPW 100.00 KPW 128.45	KPW 99.38 KPW 129.20
Korea, Republic of							
Seoul 728	South Korean won = 100 chon KRW	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	KRW 1,115.11 KRW 1,137.09 KRW 1,431.95 KRW 1,460.87	KRW 1,090.50 KRW 1,111.90 KRW 1,429.56 KRW 1,458.44	KRW 1,118.70 KRW 1,140.70 KRW 1,458.18 KRW 1,487.62	KRW 1,130.90 KRW 1,153.10 KRW 1,477.56 KRW 1,507.40
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils KWD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	KWD 0.27847 KWD 0.28228 KWD 0.359199 KWD 0.364109	KWD 0.28305 KWD 0.28665 KWD 0.370102 KWD 0.374809	KWD 0.28430 KWD 0.28840 KWD 0.368282 KWD 0.373593	KWD 0.28355 KWD 0.28765 KWD 0.369650 KWD 0.374995
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tyiyn KGS	M M	USD 1 = EUR 1 =	KGS 46.9602 KGS 60.4458	KGS 48.1717 KGS 63.0543	KGS 48.2300 KGS 62.5230	KGS 48.6409 KGS 63.3864
Lao People's Democratic Republic							
Vientiane 684	Kip LAK	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	LAK 7,987 LAK 8,023 LAK 10,292 LAK 10,341	LAK 7,634 LAK 7,670 LAK 9,985 LAK 10,032	LAK 7,671 LAK 7,707 LAK 9,997 LAK 10,044	LAK 7,750 LAK 7,772 LAK 10,077 LAK 10,125
Latvia							
Riga 054	Latvian lats = 100 santims LVL	M M	USD 1 = EUR 1 =	LVL 0.5469 LVL 0.702804	LVL 0.5390 LVL 0.702804	LVL 0.5420 LVL 0.702804	LVL 0.5390 LVL 0.702804
Lebanon							
Beirut 604	Lebanese pound = 100 piastres LBP	M M	USD 1 = EUR 1 =	LBP 1,507.50 LBP 1,941.40	LBP 1,507.50 LBP 1,971.36	LBP 1,507.50 LBP 1,961.86	LBP 1,507.50 LBP 1,967.44

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		
					April 2013	May 2013	June 2013
Lesotho ¹							
Maseru 395	Loti = 100 lisente LSL	M	USD 1 =	LSL 8.1972	LSL 8.9625 ²	LSL 10.1403	LSL 10.0223
		M	EUR 1 =	LSL 10.5883	LSL 11.6982 ²	LSL 13.1695	LSL 13.1107
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents LRD	B	USD 1 =	LRD 73.17	LRD 74.50	LRD 75.50	LRD 76.00
		S	USD 1 =	LRD 74.17	LRD 75.50	LRD 76.50	LRD 77.00
		V, B	EUR 1 =	LRD 94.6024	LRD 97.3864	LRD 98.1953	LRD 99.4080
		V, S	EUR 1 =	LRD 95.8956	LRD 98.6936	LRD 99.4959	LRD 100.7160
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham LYD	B	USD 1 =	LYD 1.2566	LYD 1.2762	LYD 1.2872	LYD 1.2839
		S	USD 1 =	LYD 1.2629	LYD 1.2826	LYD 1.2937	LYD 1.2904
		B	EUR 1 =	LYD 1.6218	LYD 1.6731	LYD 1.6701	LYD 1.6706
		S	EUR 1 =	LYD 1.6300	LYD 1.6815	LYD 1.6785	LYD 1.6790
Lithuania							
Vilnius 055	Lithuanian litas = 100 centas LTL	M	USD 1 =	LTL 2.6870	LTL 2.6433	LTL 2.6635	LTL 2.6496
		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 1.3072	USD 1.3006	USD 1.3080
Macao ¹							
Macao 743	Pataca = 100 avos MOP	B	USD 1 =	MOP 7.9392	MOP 7.9441	MOP 7.9465	MOP 7.9398
		S	USD 1 =	MOP 8.0390	MOP 8.0440	MOP 8.0464	MOP 8.0397
		B	EUR 1 =	MOP 10.2481	MOP 10.4011	MOP 10.3613	MOP 10.3494
		S	EUR 1 =	MOP 10.3770	MOP 10.5320	MOP 10.4917	MOP 10.4796
Macedonia ¹							
Skopje 095	Macedonian denar = 100 deni MKD	B	USD 1 =	MKD 47.6094	MKD 46.7774	MKD 47.3920	MKD 46.9218
		S	USD 1 =	MKD 48.0879	MKD 47.2476	MKD 47.8683	MKD 47.3934
		B	EUR 1 =	MKD 61.2187	MKD 61.3393	MKD 61.3442	MKD 61.3737
		S	EUR 1 =	MKD 61.8339	MKD 61.9557	MKD 61.9608	MKD 61.9905
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 2,196.26	MGA 2,174.89	MGA 2,196.81	MGA 2,183.75
		M	EUR 1 =	MGA 2,824.67	MGA 2,846.62	MGA 2,858.11	MGA 2,860.59
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala MWK	B	USD 1 =	MWK 250.9565	MWK 392.7520	MWK 318.3547	MWK 325.4233
		S	USD 1 =	MWK 256.0263	MWK 400.6864	MWK 339.9469	MWK 345.6217
		B	EUR 1 =	MWK 322.5716	MWK 514.4659	MWK 415.4528	MWK 424.2869
		S	EUR 1 =	MWK 329.0882	MWK 524.8591	MWK 443.6308	MWK 450.6216

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 Exchange rates as of 3 May 2013.

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		
					April 2013	May 2013	June 2013
Malaysia							
Kuala Lumpur Seat of Government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 3.0568	MYR 2.9957	MYR 3.0347	MYR 3.1416
		S	USD 1 =	MYR 3.1220	MYR 3.0623	MYR 3.1023	MYR 3.2114
	MYR	B	EUR 1 =	MYR 3.9294	MYR 3.9154	MYR 3.9514	MYR 4.0874
		S	EUR 1 =	MYR 4.0329	MYR 4.0185	MYR 4.0555	MYR 4.1950
Maldives							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.39	MVR 15.36	MVR 15.40	MVR 15.39
		V, M	EUR 1 =	MVR 19.90514	MVR 20.07859	MVR 20.02924	MVR 20.13012
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 1.3072	USD 1.3006	USD 1.3080
Mauritania							
Nouakchott 228	Ouguiya = 5 khoums MRO	B	USD 1 =	MRO 295.46	MRO 299.20	MRO 302.79	MRO 302.05
		S	USD 1 =	MRO 298.42	MRO 302.20	MRO 305.83	MRO 305.08
	MRO	B	EUR 1 =	MRO 380.73	MRO 391.96	MRO 392.42	MRO 392.95
		S	EUR 1 =	MRO 384.54	MRO 395.89	MRO 396.35	MRO 396.88
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 29.3421	MUR 30.4472	MUR 30.5751	MUR 30.5201
		S	USD 1 =	MUR 30.6656	MUR 31.3593	MUR 31.4603	MUR 31.3973
	MUR	B	EUR 1 =	MUR 37.8922	MUR 39.8669	MUR 39.8396	MUR 39.8439
		S	EUR 1 =	MUR 39.6217	MUR 41.0635	MUR 41.0321	MUR 41.0148
Mexico							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 13.1501	MXN 12.1391	MXN 12.8011	MXN 12.9765
		S	USD 1 =	MXN 13.1531	MXN 12.1411	MXN 12.8041	MXN 12.9795
	MXN	V, B	EUR 1 =	MXN 16.9621	MXN 15.8682	MXN 16.6491	MXN 16.9733
		V, S	EUR 1 =	MXN 16.9657	MXN 15.8708	MXN 16.6530	MXN 16.9772
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 12.1134	MDL 12.3113	MDL 12.5156	MDL 12.5268
		M	EUR 1 =	MDL 15.5712	MDL 16.1050	MDL 16.2509	MDL 16.3118
Mongolia							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 1,359.82	MNT 1,436.12	MNT 1,442.20	MNT 1,446.17
		M	EUR 1 =	MNT 1,756.31	MNT 1,879.23	MNT 1,879.84	MNT 1,886.89

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			
					April 2013	May 2013	June 2013	
Morocco								
Rabat 204	Moroccan dirham = 100 centimes	B	USD 1 =	MAD 8.5939	MAD 8.4828	MAD 8.5273	MAD 8.4773	
		S	USD 1 =	MAD 8.6456	MAD 8.5338	MAD 8.5786	MAD 8.5282	
	MAD	B	EUR 1 =	MAD 11.060	MAD 11.093	MAD 11.080	MAD 11.094	
		S	EUR 1 =	MAD 11.126	MAD 11.159	MAD 11.146	MAD 11.161	
	Mozambique							
	Maputo 366	Metical = 100 centavos	B	USD 1 =	MZN 28.21	MZN 29.92	MZN 29.81	MZN 29.75
S			USD 1 =	MZN 28.41	MZN 30.12	MZN 30.01	MZN 29.95	
MZN		B	EUR 1 =	MZN 36.51	MZN 39.12	MZN 38.71	MZN 38.92	
		S	EUR 1 =	MZN 36.77	MZN 39.38	MZN 38.97	MZN 39.18	
Myanmar								
Nay Pyi Taw 676		Kyat = 100 pyas MMK	M	USD 1 =	.	MMK 891.50	MMK 942.50	MMK 969.00
	V, M		EUR 1 =	.	MMK 1,165.37	MMK 1,225.82	MMK 1,263.10	
Namibia ¹								
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 8.1898	NAD 8.9864	NAD 10.2300	NAD 9.9500	
		M	EUR 1 =	NAD 10.5691	NAD 11.7412	NAD 13.3066	NAD 12.9913	
Nepal								
Kathmandu 672	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 85.30	NPR 86.61	NPR 89.46	NPR 96.20	
		S	USD 1 =	NPR 85.90	NPR 87.21	NPR 90.06	NPR 96.80	
	NPR	B	EUR 1 =	NPR 110.14	NPR 113.41	NPR 116.09	NPR 125.34	
		S	EUR 1 =	NPR 110.91	NPR 114.19	NPR 116.87	NPR 126.12	
Netherlands								
Amsterdam Seat of Government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3072	USD 1.3006	USD 1.3080	
New Caledonia ¹								
Nouméa 809	CFP franc XPF	2	XPF 1000 =	EUR 8.38	EUR 8.38	EUR 8.38	EUR 8.38	
New Zealand								
Wellington 804	New Zealand dollar = 100 cents	B	NZD 1 =	USD 0.8237	USD 0.8708	USD 0.8222	USD 0.7938	
		S	NZD 1 =	USD 0.8008	USD 0.8449	USD 0.7973	USD 0.7696	
	NZD	B	NZD 1 =	EUR 0.6404	EUR 0.6669	EUR 0.6328	EUR 0.6095	
		S	NZD 1 =	EUR 0.6183	EUR 0.6423	EUR 0.6092	EUR 0.5866	

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		
					April 2013	May 2013	June 2013
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 23.5930	NIO 24.5156	NIO 24.6174	NIO 24.7163
		V, M	EUR 1 =	NIO 30.5067	NIO 32.0468	NIO 32.0174	NIO 32.3289
Niger 1							
Niamey 240	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Nigeria							
Abuja 288	Naira = 100 kobo NGN	B	USD 1 =	NGN 154.93	NGN 154.75	NGN 154.74	NGN 154.75
		S	USD 1 =	NGN 155.93	NGN 155.75	NGN 155.74	NGN 155.75
	B	EUR 1 =	NGN 199.5318	NGN 202.3975	NGN 201.1929	NGN 202.4285	
	S	EUR 1 =	NGN 200.8197	NGN 203.7054	NGN 202.4931	NGN 203.7366	
Norway							
Oslo 028	Norwegian krone = 100 øre NOK	B	USD 1 =	NOK 5.8116	NOK 5.8144	NOK 5.8255	NOK 6.0117
		S	USD 1 =	NOK 5.8338	NOK 5.8394	NOK 5.8555	NOK 6.0417
	B	EUR 1 =	NOK 7.4584	NOK 7.6045	NOK 7.5963	NOK 7.8451	
	S	EUR 1 =	NOK 7.4889	NOK 7.6405	NOK 7.6363	NOK 7.8851	
Oman							
Muscat 649	Rial Omani = 1,000 baisa OMR	B	USD 1 =	OMR 0.3840	OMR 0.3840	OMR 0.3840	OMR 0.3840
		S	USD 1 =	OMR 0.3850	OMR 0.3850	OMR 0.3850	OMR 0.3850
	B	EUR 1 =	OMR 0.4963232	OMR 0.5027712	OMR 0.4976256	OMR 0.4995456	
	S	EUR 1 =	OMR 0.4977216	OMR 0.5041960	OMR 0.4990370	OMR 0.5009620	
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa PKR	B	USD 1 =	PKR 93.20	PKR 98.15	PKR 98.25	PKR 98.60
		S	USD 1 =	PKR 93.40	PKR 98.35	PKR 98.45	PKR 98.80
	B	EUR 1 =	PKR 119.95	PKR 128.54	PKR 128.11	PKR 128.85	
	S	EUR 1 =	PKR 120.21	PKR 128.80	PKR 128.37	PKR 129.11	
Panama 1							
Panama City 442	Balboa = 100 centésimos PAB	3	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
Papua New Guinea							
Port Moresby 801	Kina = 100 toea PGK	B	PGK 1 =	USD 0.5035	USD 0.4877	USD 0.4746	USD 0.4686
		S	PGK 1 =	USD 0.4615	USD 0.4363	USD 0.4171	USD 0.4111
	B	PGK 1 =	EUR 0.3854	EUR 0.3726	EUR 0.3636	EUR 0.3596	
	S	PGK 1 =	EUR 0.3649	EUR 0.3330	EUR 0.3191	EUR 0.3150	

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		
					April 2013	May 2013	June 2013
Paraguay							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 4,422.27	PYG 4,111.62	PYG 4,290.60	PYG 4,487.85
		S	USD 1 =	PYG 4,432.49	PYG 4,111.72	PYG 4,298.94	PYG 4,499.28
	PYG	V, B	EUR 1 =	PYG 5,681.95	PYG 5,374.71	PYG 5,580.35	PYG 5,870.11
		V, S	EUR 1 =	PYG 5,695.16	PYG 5,374.84	PYG 5,591.20	PYG 5,885.06
Peru							
Lima 504	Nuevo sol = 100 céntimos	B	USD 1 =	PEN 2.639	PEN 2.645	PEN 2.730	PEN 2.780
		S	USD 1 =	PEN 2.640	PEN 2.646	PEN 2.734	PEN 2.783
	PEN	B	EUR 1 =	PEN 3.346	PEN 3.340	PEN 3.449	PEN 3.521
		S	EUR 1 =	PEN 3.552	PEN 3.496	PEN 3.603	PEN 3.748
Philippines							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 41.79659	PHP 40.61999	PHP 41.71062	PHP 42.63840
		S	USD 1 =	PHP 42.51549	PHP 41.69002	PHP 42.80938	PHP 43.76160
	PHP	B	EUR 1 =	PHP 53.54778	PHP 53.21218	PHP 54.41150	PHP 55.61327
		S	EUR 1 =	PHP 55.00496	PHP 54.61392	PHP 55.84484	PHP 57.07825
Poland							
Warsaw 060	Polish zloty = 100 groszy PLN	M	USD 1 =	PLN 3.2581	PLN 3.1721	PLN 3.2953	PLN 3.3175
		M	EUR 1 =	PLN 4.1736	PLN 4.1429	PLN 4.2902	PLN 4.3292
Portugal							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3072	USD 1.3006	USD 1.3080
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 4.693	QAR 4.671	QAR 4.663
		S	EUR 1 =	QAR 4.778	QAR 4.840	QAR 4.819	QAR 4.811
Romania							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 3.4704	RON 3.3075	RON 3.3737	RON 3.4151
		M	EUR 1 =	RON 4.4513	RON 4.3237	RON 4.3794	RON 4.4588
Russian Federation							
Moscow 075	Russian rouble = 100 kopeken RUB	M	USD 1 =	RUB 31.0739	RUB 31.2559	RUB 31.5893	RUB 32.7090
		M	EUR 1 =	RUB 39.9967	RUB 40.8358	RUB 40.9650	RUB 42.7180

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		
					April 2013	May 2013	June 2013
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 609.900652	RWF 633.925460	RWF 635.879515	RWF 637.528631
		S	USD 1 =	RWF 619.737759	RWF 644.150064	RWF 646.135637	RWF 647.811351
	RWF	B	EUR 1 =	RWF 784.159222	RWF 829.237894	RWF 825.625963	RWF 830.189783
		S	EUR 1 =	RWF 796.806952	RWF 842.612698	RWF 838.942511	RWF 843.579941
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 3.5140	XCD 3.4963	XCD 3.5162
		V, S	EUR 1 =	XCD 3.4907	XCD 3.5515	XCD 3.5336	XCD 3.5537
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 3.5140	XCD 3.4963	XCD 3.5162
		V, S	EUR 1 =	XCD 3.4907	XCD 3.5515	XCD 3.5336	XCD 3.5537
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 3.5140	XCD 3.4963	XCD 3.5162
		V, S	EUR 1 =	XCD 3.4907	XCD 3.5515	XCD 3.5336	XCD 3.5537
Samoa							
Apia 819	Tala = 100 sene	B	WST 1 =	USD 0.4451	USD 0.4534	USD 0.4391	USD 0.4306
		S	WST 1 =	USD 0.4281	USD 0.4364	USD 0.4221	USD 0.4136
	WST	B	WST 1 =	EUR 0.3618	EUR 0.3648	EUR 0.3548	EUR 0.3487
		S	WST 1 =	EUR 0.3211	EUR 0.3198	EUR 0.3098	EUR 0.3037
Sao Tome and Principe ¹							
São Tomé 311	Dobra = 100 céntimos	B	USD 1 =	STD 19,026.23	STD 18,683.75	STD 18,927.69	STD 18,799.88
		S	USD 1 =	STD 19,311.62	STD 18,964.01	STD 19,211.60	STD 19,081.88
	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 4.7926	SAR 4.7439	SAR 4.7134
		S	EUR 1 =	SAR 5.0116	SAR 5.0528	SAR 5.0015	SAR 5.0696

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		
					April 2013	May 2013	June 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 84.1369	RSD 85.3535	RSD 87.1519
		S	USD 1 =	RSD 88.2375	RSD 84.6433	RSD 85.8671	RSD 87.6763
	RSD	B	EUR 1 =	RSD 112.8400	RSD 110.2110	RSD 111.2753	RSD 113.8290
		S	EUR 1 =	RSD 113.5191	RSD 110.8742	RSD 111.9449	RSD 114.5140
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 13.4197	SCR 11.5291	SCR 11.6506	SCR 11.7664
		S	USD 1 =	SCR 13.8702	SCR 11.9968	SCR 12.0550	SCR 12.0067
	SCR	B	EUR 1 =	SCR 17.4614	SCR 15.0673	SCR 15.2817	SCR 15.2805
		S	EUR 1 =	SCR 17.9058	SCR 15.7543	SCR 15.7575	SCR 15.6433
Sierra Leone							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 4,298.64	SLL 4,277.97	SLL 4,283.48	SLL 4,285.32
		S	USD 1 =	SLL 4,385.48	SLL 4,364.39	SLL 4,370.02	SLL 4,371.89
	SLL	V, B	EUR 1 =	SLL 5,559.12	SLL 5,592.16	SLL 5,571.09	SLL 5,605.20
		V, S	EUR 1 =	SLL 5,671.42	SLL 5,705.13	SLL 5,683.65	SLL 5,718.43
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.2479	SGD 1.2342	SGD 1.2613	SGD 1.2652
		M	EUR 1 =	SGD 1.6095	SGD 1.6163	SGD 1.6444	SGD 1.6535
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 233.55	ANG 231.64	ANG 232.96
S		EUR 100 =	ANG 234.98	ANG 238.26	ANG 236.31	ANG 237.66	
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3072	USD 1.3006	USD 1.3080
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3072	USD 1.3006	USD 1.3080
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents	B	SBD 1 =	USD 0.1372	USD 0.1384	USD 0.1386	USD 0.1385
		S	SBD 1 =	USD 0.1347	USD 0.1359	USD 0.1361	USD 0.1360
	SBD	B	SBD 1 =	EUR 0.1094	EUR 0.1086	EUR 0.1091	EUR 0.1092
		S	SBD 1 =	EUR 0.1036	EUR 0.1028	EUR 0.1033	EUR 0.1034

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		
					April 2013	May 2013	June 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 8.8244	ZAR 9.9425	ZAR 9.8121
		S	USD 1 =	ZAR 8.3565	ZAR 9.1419	ZAR 10.2600	ZAR 10.1296
	ZAR	B	EUR 1 =	ZAR 10.3436	ZAR 11.6005	ZAR 12.9064	ZAR 12.7937
		S	EUR 1 =	ZAR 10.7915	ZAR 12.0503	ZAR 13.3547	ZAR 13.2436
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 1.3072	USD 1.3006	USD 1.3080
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 126.41	LKR 125.32	LKR 124.99	LKR 128.80
		S	USD 1 =	LKR 129.60	LKR 128.38	LKR 128.04	LKR 132.08
	LKR	B	EUR 1 =	LKR 161.79	LKR 163.23	LKR 162.16	LKR 167.45
		S	EUR 1 =	LKR 167.41	LKR 168.67	LKR 167.57	LKR 173.21
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 5.7601	SDG 5.7011	SDG 5.7227
		S	EUR 1 =	SDG 4.7553	SDG 5.7889	SDG 5.7296	SDG 5.7513
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 4.262	SRD 4.207	SRD 4.235
		S	EUR 1 =	SRD 4.320	SRD 4.393	SRD 4.336	SRD 4.366
Swaziland ¹							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 8.1854	SZL 9.0962	SZL 10.1930	SZL 10.0655
		S	USD 1 =	SZL 8.2167	SZL 9.1460	SZL 10.2250	SZL 10.1060
	SZL	B	EUR 1 =	SZL 10.57058	SZL 11.8496	SZL 13.2774	SZL 13.1093
		S	EUR 1 =	SZL 10.61358	SZL 11.9172	SZL 13.3232	SZL 13.1641
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 6.7429	SEK 6.5271	SEK 6.5547	SEK 6.6811
		S	USD 1 =	SEK 6.8104	SEK 6.5946	SEK 6.6222	SEK 6.7486
	SEK	B	EUR 1 =	SEK 8.6700	SEK 8.5588	SEK 8.5627	SEK 8.7412
		S	EUR 1 =	SEK 8.7215	SEK 8.6103	SEK 8.6142	SEK 8.7927

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		
					April 2013	May 2013	June 2013
Switzerland							
Berne 039	Swiss franc = 100 rappen / centimes CHF	B	USD 1 =	CHF 0.9381	CHF 0.9379	CHF 0.9540	CHF 0.9463
		B	EUR 1 =	CHF 1.2042	CHF 1.2252	CHF 1.2414	CHF 1.2348
Syrian Arab Republic							
Damascus 608	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 65.19	SYP 96.31	SYP 99.34	SYP 102.19
		S	USD 1 =	SYP 65.58	SYP 96.89	SYP 99.94	SYP 102.80
		B	EUR 1 =	SYP 84.16	SYP 126.24	SYP 128.87	SYP 132.88
		S	EUR 1 =	SYP 84.75	SYP 127.13	SYP 129.77	SYP 133.82
Tajikistan							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 4.7632	TJS 4.7571	TJS 4.7559	TJS 4.7645
		M	EUR 1 =	TJS 6.1378	TJS 6.1422	TJS 6.0480	TJS 6.1834
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 1,560.3764	TZS 1,583.1287	TZS 1,591.4158	TZS 1,594.6832
		S	USD 1 =	TZS 1,582.7317	TZS 1,598.9600	TZS 1,607.3300	TZS 1,610.6300
		B	EUR 1 =	TZS 2,017.0086	TZS 2,072.9487	TZS 2,074.2514	TZS 2,083.2941
		S	EUR 1 =	TZS 2,046.4924	TZS 2,093.9980	TZS 2,095.3154	TZS 2,104.2881
Thailand							
Bangkok 680	Thai baht = 100 satang THB	B	USD 1 =	THB 30.9253	THB 29.1796	THB 30.0123	THB 30.9867
		S	USD 1 =	THB 31.2076	THB 29.4578	THB 30.2947	THB 31.2675
		B	EUR 1 =	THB 39.7716	THB 38.0894	THB 39.0138	THB 40.3271
		S	EUR 1 =	THB 40.3741	THB 38.6646	THB 39.5997	THB 40.9066
Togo ¹							
Lomé 280	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Tonga							
Nuku'alofa 817	Pa'anga = 100 seniti TOP	B	TOP 1 =	USD 0.6058	USD 0.5934	USD 0.5724	USD 0.5595
		S	TOP 1 =	USD 0.5698	USD 0.5714	USD 0.5504	USD 0.5375
		B	TOP 1 =	EUR 0.4904	EUR 0.4678	EUR 0.4538	EUR 0.4438
		S	TOP 1 =	EUR 0.4287	EUR 0.4228	EUR 0.4088	EUR 0.3988
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.3641	TTD 6.3839	TTD 6.3670	TTD 6.4050
		S	USD 1 =	TTD 6.4371	TTD 6.4407	TTD 6.4577	TTD 6.4430
		B	EUR 1 =	TTD 8.0425	TTD 8.1507	TTD 8.0686	TTD 8.0706
		S	EUR 1 =	TTD 8.3584	TTD 8.5976	TTD 8.4244	TTD 8.5987

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		
					April 2013	May 2013	June 2013
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes	B	USD 1 =	TND 1.5527	TND 1.5974	TND 1.6293	TND 1.6325
		S	USD 1 =	TND 1.5593	TND 1.6006	TND 1.6325	TND 1.6357
	TND	B	EUR 1 =	TND 1.9978	TND 2.0897	TND 2.1219	TND 2.1302
		S	EUR 1 =	TND 2.0064	TND 2.0938	TND 2.1261	TND 2.1345
Turkey							
Ankara 052	Turkish lira = 100 kuruş	B	USD 1 =	TRY 1.7925	TRY 1.7953	TRY 1.8661	TRY 1.9272
		S	USD 1 =	TRY 1.8011	TRY 1.7985	TRY 1.8695	TRY 1.9306
	TRY	B	EUR 1 =	TRY 2.3046	TRY 2.3501	TRY 2.4208	TRY 2.5109
		S	EUR 1 =	TRY 2.3157	TRY 2.3543	TRY 2.4252	TRY 2.5154
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 3.7287	TMT 3.6976	TMT 3.7127
Uganda							
Kampala 350	Uganda shilling	B	USD 1 =	UGX 2,508.53	UGX 2,592.31	UGX 2,589.55	UGX 2,588.43
		S	USD 1 =	UGX 2,518.35	UGX 2,602.39	UGX 2,599.45	UGX 2,598.24
	UGX	B	EUR 1 =	UGX 3,236.52	UGX 3,396.19	UGX 3,380.66	UGX 3,365.48
		S	EUR 1 =	UGX 3,249.20	UGX 3,409.39	UGX 3,393.58	UGX 3,378.23
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 1,048.1221	UAH 1,034.6139	UAH 1,041.0083
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 4.71832	AED 4.67103	AED 4.68691
		S	EUR 1 =	AED 4.84510	AED 4.91115	AED 4.86152	AED 4.89286
United Kingdom ¹							
London 006	Pound sterling = 100 pence GBP	M	GBP 1 =	USD 1.5851	USD 1.5564	USD 1.5161	USD 1.5167
		M	EUR 1 =	GBP 0.8112	GBP 0.8472	GBP 0.8548	GBP 0.8571
United States							
Washington 400	US dollar = 100 cents	B	EUR 1 =	USD 1.2905	USD 1.3168	USD 1.2993	USD 1.3012
		S	EUR 1 =	USD 1.2907	USD 1.3169	USD 1.2996	USD 1.3013
	USD	B	GBP 1 =	USD 1.5849	USD 1.5533	USD 1.5197	USD 1.5204
		S	GBP 1 =	USD 1.5852	USD 1.5535	USD 1.5199	USD 1.5206

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		
					April 2013	May 2013	June 2013
Uruguay							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	B / S	USD 1 =	UYU 20.304	UYU 18.943	UYU 20.268	UYU 20.547
		B / S	EUR 1 =	UYU 26.076	UYU 24.913	UYU 26.344	UYU 26.759
Uzbekistan							
Tashkent 081	Uzbekistan sum = 100 tijin UZS	M	USD 1 =	UZS 1,893.40	UZS 2,064.61	UZS 2,081.59	UZS 2,093.10
		M	EUR 1 =	UZS 2,436.92	UZS 2,692.13	UZS 2,686.84	UZS 2,787.43
Vanuatu							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 91.63	VUV 91.13	VUV 94.53	VUV 96.53
		S	USD 1 =	VUV 96.25	VUV 95.71	VUV 99.28	VUV 101.39
		B	EUR 1 =	VUV 118.09	VUV 119.13	VUV 123.09	VUV 125.60
		S	EUR 1 =	VUV 122.58	VUV 123.69	VUV 127.80	VUV 130.41
Venezuela, Bolivarian Republic of ¹							
Caracas 484	Bolívar = 100 céntimos VEF	B	USD 1 =	VEF 4.2893	VEF 6.2842	VEF 6.2842	VEF 6.2842
		S	USD 1 =	VEF 4.3000	VEF 6.3000	VEF 6.3000	VEF 6.3000
		B	EUR 1 =	VEF 5.51387257	VEF 8.27629140	VEF 8.16757474	VEF 8.17951472
		S	EUR 1 =	VEF 5.52867596	VEF 8.29773000	VEF 8.19189000	VEF 8.20071000
Viet Nam							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 20,846	VND 20,900	VND 20,980	VND 21,160
		S	USD 1 =	VND 20,898	VND 20,960	VND 21,036	VND 21,220
		B	EUR 1 =	VND 26,792.70	VND 27,050.18	VND 27,185.43	VND 27,488.08
		S	EUR 1 =	VND 27,180.03	VND 27,996.50	VND 27,587.06	VND 27,898.81
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 281.75	YER 275.98	YER 279.58
		S	EUR 1 =	YER 277.16	YER 281.80	YER 276.03	YER 279.63
Zambia ¹							
Lusaka 378	Kwacha = 100 ngwee ZMK / ZMW	B	USD 1 =	ZMK 5,163.73	ZMW 5.2777	ZMW 5.3295	ZMW 5.4621
		S	USD 1 =	ZMK 5,183.73	ZMW 5.2977	ZMW 5.3495	ZMW 5.4821
		B	EUR 1 =	ZMK 6,679.16	ZMW 6.9002	ZMW 6.9321	ZMW 7.1538
		S	EUR 1 =	ZMK 6,711.08	ZMW 6.9279	ZMW 6.9587	ZMW 7.1805
Zimbabwe ¹							
Harare 382	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =	.	.	.	.
		M	EUR 1 =	.	.	.	.

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 krona 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 krona NOK
2009 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	9.04977
Dec	1.54003	1.15966	0.997755	125.436	1.54142	1.44702	10.4761	8.64469	9.06742
2011 Jan	1.56194	1.14077	0.982907	128.157	1.56537	1.47306	10.2112	8.50362	9.04282
Feb	1.57305	1.13709	0.968983	128.518	1.53199	1.46026	10.0714	8.47860	8.76586
Mar	1.58550	1.11600	0.98528	131.803	1.54079	1.45042	9.99261	8.32168	8.74172
Apr	1.62096	1.09082	0.972479	132.910	1.53764	1.40440	9.73388	8.13491	8.48882
May	1.60077	1.11280	0.969989	129.422	1.55083	1.36514	9.87274	8.29710	8.63424
June	1.60045	1.10735	0.99978	129.188	1.54331	1.33541	10.0972	8.25941	8.62351
July	1.59900	1.12132	0.982608	124.002	1.52512	1.28096	10.1859	8.35317	8.67566
Aug	1.60936	1.11374	0.988181	123.261	1.57460	1.30278	10.2248	8.29869	8.61987
Sep	1.56162	1.15650	1.00136	119.667	1.62237	1.40765	10.7088	8.60630	9.12251
Oct	1.58590	1.13271	0.989707	125.603	1.57559	1.38053	10.2169	8.42957	8.72357
Nov	1.55156	1.15632	0.994075	121.099	1.58212	1.43007	10.7459	8.59964	8.96507
Dec	1.53527	1.18654	0.992989	119.321	1.56254	1.44453	10.6293	8.82099	9.20039
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	9.7482	8.60274	8.63849
Mar	1.49920	1.16987	0.990619	140.999	1.52139	1.42738	9.76134	8.73332	8.71612
Apr	1.50900	1.15437	0.974488	147.746	1.51986	1.41288	9.89844	8.60704	8.78194
May	1.49877	1.15237	0.985125	151.420	1.54958	1.42892	9.87264	8.59166	8.77408
June	1.50396	1.14982	0.987430	148.696	1.57594	1.42094	10.0970	8.57618	9.06569

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
2013 Apr	1	1.50262				1.52771			
	2	1.50125	1.16920	0.988054	139.691	1.52347		9.72990	8.71612
	3	1.49937	1.16882	0.992369	140.236	1.51946	1.42245	9.75039	8.71179
	4	1.49549	1.16671	0.993424	140.277	1.51628	1.42012	9.78502	8.69603
	5	1.50130	1.15984	0.986271	145.401	1.52998	1.41212	9.78263	8.64626
	8	1.50343	1.15444	0.982376	148.238	1.53320	1.40345	9.69143	8.60548
	9	1.50351	1.15300	0.983072	149.374	1.52787	1.40669	9.65018	8.59646
	10	1.50545	1.15042	0.983565	149.310	1.52803	1.40142	9.61224	8.57787
	11	1.50753	1.14912	0.979489	150.119	1.52366	1.39974	9.62316	8.56817
	12	1.50530	1.15331	0.979115	149.747	1.52547	1.40128	9.57488	8.59808
	15	1.50722	1.15222	0.982608	148.672	1.53827	1.40021	9.62242	8.59099
	16	1.50788	1.14851	0.985154	146.340	1.54256	1.39916	9.65409	8.56296
	17	1.50854	1.14901	0.988944	148.290	1.54806	1.39359	9.65876	8.56729
	18	1.50470	1.15347	0.986300	147.205	1.54307	1.40103	9.78885	8.59949
	19	1.50599	1.14830	0.981104	147.994	1.54575	1.40073	9.81836	8.56157
	22	1.50198	1.15209	0.985678	149.897	1.54148	1.40330	9.80162	8.58878
	23	1.50109	1.15557	0.985028	148.308	1.53997	1.41222	9.84824	8.61371
	24	1.50178	1.15468	0.983033	149.652	1.54232	1.42008	9.96373	8.60852
	25	1.50640	1.15168	0.975648	149.947	1.53563	1.42054	9.93522	8.58679
	26	1.50425	1.15721	0.973189	148.620	1.52983	1.42017	9.90070	8.81959
	29	1.50924	1.15095	0.972328		1.53007	1.41763	9.88572	8.58200
	30	1.50900	1.15437	0.974488	147.746	1.51986	1.41288	9.89844	8.60704
May	1	1.51502		0.973094	147.335	1.52774			8.53927
	2	1.51412	1.14784	0.972205	147.202	1.52668	1.40631	9.84979	8.55827
	3	1.51094	1.15216	0.971355		1.52288	1.40850	9.85542	8.57845
	6	1.50700	1.14976	0.969876		1.51830	1.41236	9.8228	8.56891
	7	1.50930	1.15153	0.971610	149.376	1.51715	1.41829	9.87021	8.58192
	8	1.50960	1.14930	0.973748	149.300	1.51307	1.41903	9.84552	8.56626
	9	1.51178	1.15034	0.970959	149.485	1.51586			
	10	1.49987	1.15481	0.973937	151.397	1.51847	1.43342	9.87167	8.69112
	13	1.49892	1.15542	0.975096	152.710	1.51511	1.43222	9.91503	8.61178
	14	1.49690	1.15350	0.979835	151.845	1.51905	1.43358	9.92507	8.59712
	15	1.49035	1.15854	0.980229	152.328	1.51613	1.45011	9.98014	8.63565
	16	1.49088	1.15662	0.980133	152.294	1.51519	1.44168	9.96522	8.62017
	17	1.49140	1.15891	0.978033	152.570	1.53152	1.43995	9.95837	8.63670
	20	1.49075	1.15985	0.980892	153.309			9.97049	
	21	1.49020	1.15825	0.983507	152.746	1.53148	1.44445	9.90079	8.63215
	22	1.49206	1.15458	0.988641	153.085	1.54174	1.45326	9.86651	8.60563
	23	1.49158	1.15734	0.988650	153.781	1.53781	1.44116	9.93088	8.62701
	24	1.49517	1.15555	0.989002	152.956	1.54346	1.43865	9.96592	8.61334
	28	1.49326	1.15417	0.988396	151.760	1.54866	1.44578	9.94965	8.60163
	29	1.49386	1.15339	0.991414	152.822	1.54914	1.44277	9.98682	8.59720
	30	1.49677	1.15634	0.987713	151.473	1.54302	1.43615	10.0062	8.62010
	31	1.49877	1.15237	0.985125	151.420	1.54958	1.42892	9.87264	8.59166
June	3	1.50035	1.15341	0.983642	150.711	1.54402	1.43509	9.9058	8.59779
	4	1.50428	1.14901	0.983642	150.037	1.55663	1.42305	9.84601	8.56524
	5	1.50455	1.15141	0.979518	150.891	1.55645	1.42511	9.90668	
	6	1.50827	1.14977	0.976286	149.771	1.54417	1.42034		8.57133
	7	1.51994	1.14626	0.975819	146.674	1.55186	1.40822	9.94224	8.54635
	10	1.51423	1.14636	0.974345	148.773	1.54255	1.41899	9.9691	8.54723
	11	1.51846	1.14402	0.977135	149.037	1.54731	1.40898	9.97019	8.53148
	12	1.52078	1.14542	0.971062	146.603	1.55150	1.41113	9.94817	8.54161
	13	1.52597	1.14605	0.973757	144.586	1.55191	1.40572	9.94599	8.54847
	14	1.52442	1.14592	0.974383	144.287	1.55141	1.40963	9.89276	8.54650
	17	1.52621	1.14434	0.971619	144.456	1.55307	1.40900	9.84378	8.53519
	18	1.52627	1.14123	0.977192	144.706	1.55817	1.40311	9.8823	8.51296
	19	1.52722	1.13921	0.976543	145.849	1.55578	1.40703	9.80854	8.49805
	20	1.51336	1.14648	0.979326	146.841	1.57192	1.41287	9.79931	8.55139
	21	1.51463	1.14918	0.978445	147.222	1.58581	1.40527		8.57082
	24	1.50836	1.15265	0.982386	148.423	1.58861	1.41002	10.1137	8.59764
	25	1.51091	1.15038	0.978062	147.692	1.58842	1.41180	10.1703	8.58111
	26	1.50513	1.15566	0.980027	147.713	1.57572	1.41663	10.0865	8.62106
	27	1.50376	1.15390	0.983884	146.993	1.57594	1.42211	10.1348	8.60726
	28	1.50396	1.14982	0.987430	148.696		1.42094	10.0970	8.57618
July	1	1.50220	1.15226	0.986797	149.319		1.41943	10.0141	8.59483
	2	1.50108	1.15317	0.987947	149.508	1.58064	1.42243	10.0070	8.60267
	3	1.49888	1.15663	0.982617	150.937	1.57727	1.42558	10.1120	8.62902
	8	1.48871	1.15853	0.998732	150.881	1.57446	1.43556	10.1768	8.64192

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-June 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.

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.

Cyprus

After the closure of Cypriot commercial banks in mid-March, the Cypriot parliament authorised the Central Bank of Cyprus and the finance minister to carry out far-reaching capital controls on 22 March 2013. Following the reopening of the banks on 28 March, these have been repeatedly renewed and amended.

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 stood at USD 1 = IRR 33,200 and EUR 1 = IRR 43,100 at the end of June 2013, according to the German Embassy in Teheran.

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

Kenya

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

Kiribati

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

Lesotho

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

Liberia

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

Macao

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

Macedonia

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

Mali

See Explanatory notes on Benin.

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

Since 25 March 2013, registered importers of important goods, who have not been allocated foreign exchange on the official market, have had the opportunity to participate in foreign exchange auctions (SICAD – Sistema Complementario de Administración de Divisas).

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 was also legal tender until 30 June 2013; by way of distinction, during this transitional period, the official national abbreviation for the new Kwacha was "KR".

Zimbabwe

On 2 February 2009, five currencies were named as "official means of payment": US dollar, rand, euro, pound sterling and pula. They do not, however, have the status of legal tender, which remains the de facto abandoned Zimbabwe dollar.

On 27 April 2010, the US dollar was declared as the principal currency of this multiple currency system.