



Exchange rate statistics June 2013

Statistical Supplement 5
to the Monthly Report

Deutsche Bundesbank
Wilhelm-Epstein-Strasse 14
60431 Frankfurt am Main
Germany

Postal address
Postfach 10 06 02
60006 Frankfurt am Main
Germany

Tel +49 69 9566-0
or +49 69 9566 8604

Fax +49 69 9566 8606 or 3077

<http://www.bundesbank.de>

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

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

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Abbreviations and symbols

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

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

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	Data unknown, not to be published or not meaningful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

Discrepancies in the totals are due to rounding.

I Euro area and exchange rate stability convergence criterion

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

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

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

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

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

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

see pp 51–56. ¹ Until 31 December 2000; accession to EMU on 1 January 2001. ² Until 31 December 2010; accession to EMU on 1 January 2011. ³ Until 31 December 2006; accession to EMU on 1 January 2007. ⁴ Until 31 December 2007; accession to EMU on 1 January 2008. ⁵ Until 31 December 2008; accession to EMU on 1 January 2009.

II Euro reference exchange rates of the European Central Bank *

1 Daily rates

EUR 1 = CU ...

		EU member countries								
		Bulgaria	Czech Republic	Denmark	Hungary	Latvia	Lithuania	Poland	Romania	Sweden
Period		Bulgarian lev BGN	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Latvian lats LVL	Lithuanian litas LTL	Polish zloty PLN	Romanian leu RON	Swedish krona SEK
2013 Mar	1	1.9558	25.677	7.4562	295.23	0.7006	3.4528	4.1477	4.3640	8.3660
	4	1.9558	25.660	7.4555	296.71	0.7004	3.4528	4.1398	4.3650	8.3801
	5	1.9558	25.629	7.4557	298.87	0.7010	3.4528	4.1310	4.3635	8.3384
	6	1.9558	25.565	7.4556	298.55	0.7008	3.4528	4.1495	4.3578	8.3159
	7	1.9558	25.510	7.4546	299.50	0.7005	3.4528	4.1512	4.3550	8.2940
	8	1.9558	25.443	7.4573	297.64	0.7010	3.4528	4.1380	4.3587	8.3239
	11	1.9558	25.542	7.4569	303.40	0.7008	3.4528	4.1472	4.3718	8.3260
	12	1.9558	25.662	7.4577	304.65	0.7010	3.4528	4.1450	4.3740	8.3182
	13	1.9558	25.632	7.4570	305.65	0.7012	3.4528	4.1385	4.3890	8.2931
	14	1.9558	25.615	7.4575	305.30	0.7013	3.4528	4.1549	4.3981	8.3784
	15	1.9558	25.575	7.4581	305.11	0.7014	3.4528	4.1505	4.3931	8.3515
	18	1.9558	25.620	7.4547	307.17	0.7012	3.4528	4.1565	4.4153	8.3370
	19	1.9558	25.647	7.4555	305.20	0.7015	3.4528	4.1548	4.4060	8.3421
	20	1.9558	25.670	7.4532	304.97	0.7017	3.4528	4.1609	4.4238	8.3374
	21	1.9558	25.813	7.4531	305.42	0.7017	3.4528	4.1828	4.4180	8.3654
	22	1.9558	25.832	7.4527	307.25	0.7023	3.4528	4.1803	4.4283	8.4232
	25	1.9558	25.738	7.4542	306.45	0.7021	3.4528	4.1607	4.4150	8.4361
	26	1.9558	25.806	7.4527	304.50	0.7016	3.4528	4.1775	4.4170	8.3561
	27	1.9558	25.800	7.4528	304.12	0.7014	3.4528	4.1818	4.4135	8.3020
	28	1.9558	25.740	7.4553	304.42	0.7017	3.4528	4.1804	4.4193	8.3553
Apr	2	1.9558	25.881	7.4548	301.91	0.7012	3.4528	4.1846	4.4185	8.3110
	3	1.9558	25.828	7.4535	302.10	0.7013	3.4528	4.1908	4.4208	8.3258
	4	1.9558	25.817	7.4534	301.38	0.7011	3.4528	4.1887	4.4251	8.4064
	5	1.9558	25.763	7.4547	301.13	0.7012	3.4528	4.1738	4.4215	8.3984
	8	1.9558	25.727	7.4543	297.75	0.7010	3.4528	4.1283	4.4075	8.3591
	9	1.9558	25.762	7.4558	297.65	0.7009	3.4528	4.1304	4.4087	8.3765
	10	1.9558	25.865	7.4563	298.11	0.7007	3.4528	4.1160	4.3890	8.3353
	11	1.9558	25.942	7.4563	297.79	0.7009	3.4528	4.1124	4.3940	8.3138
	12	1.9558	25.871	7.4552	294.55	0.7006	3.4528	4.1040	4.3890	8.3373
	15	1.9558	25.864	7.4560	294.31	0.7006	3.4528	4.1132	4.3816	8.3704
	16	1.9558	25.868	7.4557	294.75	0.7006	3.4528	4.1161	4.3763	8.3823
	17	1.9558	25.854	7.4562	294.54	0.7005	3.4528	4.1145	4.3698	8.4727
	18	1.9558	25.875	7.4553	297.97	0.7002	3.4528	4.1147	4.3729	8.5008
	19	1.9558	25.857	7.4559	298.24	0.7002	3.4528	4.1003	4.3683	8.5110
	22	1.9558	25.930	7.4549	299.79	0.7002	3.4528	4.1079	4.3573	8.5139
	23	1.9558	25.909	7.4541	299.45	0.7005	3.4528	4.1342	4.3498	8.5926
	24	1.9558	25.909	7.4553	299.55	0.7001	3.4528	4.1367	4.3495	8.5885
	25	1.9558	25.899	7.4559	301.24	0.7000	3.4528	4.1467	4.3493	8.5961
	26	1.9558	25.744	7.4559	301.57	0.6999	3.4528	4.1590	4.3397	8.5579
	29	1.9558	25.697	7.4564	298.15	0.7000	3.4528	4.1309	4.3225	8.5503
	30	1.9558	25.799	7.4560	300.12	0.7000	3.4528	4.1504	4.3264	8.5420
May	2	1.9558	25.650	7.4559	297.08	0.7001	3.4528	4.1465	4.3215	8.5503
	3	1.9558	25.640	7.4533	296.12	0.6999	3.4528	4.1407	4.3031	8.5307
	6	1.9558	25.693	7.4528	296.40	0.7001	3.4528	4.1515	4.3135	8.5543
	7	1.9558	25.747	7.4526	296.25	0.7002	3.4528	4.1520	4.3160	8.5287
	8	1.9558	25.862	7.4535	293.31	0.7000	3.4528	4.1361	4.3123	8.5402
	9	1.9558	25.792	7.4535	293.13	0.7001	3.4528	4.1262	4.3253	8.5395
	10	1.9558	25.808	7.4550	293.18	0.6998	3.4528	4.1435	4.3298	8.5511
	13	1.9558	25.844	7.4534	293.33	0.6998	3.4528	4.1555	4.3239	8.5702
	14	1.9558	25.887	7.4531	295.53	0.6993	3.4528	4.1665	4.3315	8.6333
	15	1.9558	26.003	7.4539	292.27	0.6994	3.4528	4.1827	4.3355	8.5960
	16	1.9558	25.980	7.4529	290.51	0.6992	3.4528	4.1827	4.3342	8.5893
	17	1.9558	25.989	7.4524	290.56	0.6993	3.4528	4.1704	4.3370	8.5922
	20	1.9558	26.121	7.4528	289.99	0.6997	3.4528	4.1821	4.3473	8.5754
	21	1.9558	26.098	7.4527	290.42	0.6999	3.4528	4.1898	4.3493	8.5600
	22	1.9558	26.069	7.4535	289.06	0.7002	3.4528	4.1784	4.3479	8.5451
	23	1.9558	26.094	7.4541	292.18	0.7005	3.4528	4.2092	4.3655	8.5943
	24	1.9558	25.993	7.4539	290.40	0.7003	3.4528	4.1982	4.3550	8.5980
	27	1.9558	25.968	7.4531	289.23	0.7013	3.4528	4.1935	4.3443	8.5964
	28	1.9558	25.889	7.4527	285.85	0.7012	3.4528	4.1805	4.3258	8.5874
	29	1.9558	25.899	7.4539	288.03	0.7013	3.4528	4.2250	4.3460	8.6082
	30	1.9558	25.795	7.4546	293.33	0.7014	3.4528	4.2667	4.3438	8.5720
	31	1.9558	25.711	7.4557	296.11	0.7018	3.4528	4.2792	4.3843	8.5828
June	3	1.9558	25.753	7.4542	295.40	0.7015	3.4528	4.2666	4.4080	8.5723
	4	1.9558	25.775	7.4545	291.53	0.7019	3.4528	4.2365	4.3960	8.5704
	5	1.9558	25.846	7.4545	294.67	0.7024	3.4528	4.2452	4.4258	8.6255
	6	1.9558	25.778	7.4548	297.37	0.7022	3.4528	4.2759	4.4871	8.6072
	7	1.9558	25.569	7.4558	295.72	0.7019	3.4528	4.3058	4.5503	8.6912
	10	1.9558	25.666	7.4560	297.20	0.7018	3.4528	4.2532	4.5235	8.7144

* See Explanatory notes, p 57. 1 The ECB has not fixed a euro reference exchange rate for the Icelandic krona since 4 December 2008. Earlier monthly and annual rates are shown in tables II.2 and II.3.

II Euro reference exchange rates of the European Central Bank *

		Other European and non-European countries ¹							
United Kingdom	Australia	Brazil	Canada	China	Croatia	Hong Kong	India		
Pound sterling GBP	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Croatian kuna HRK	Hong Kong dollar HKD	Indian rupee INR	Period	
0.86470	1.2741	2.5825	1.3437	8.0908	7.5912	10.0829	71.3880	2013 Mar 1	
0.86400	1.2821	2.5809	1.3380	8.0979	7.5955	10.0878	71.3630	4	
0.85980	1.2735	2.5680	1.3379	8.1065	7.5930	10.1096	71.5110	5	
0.86440	1.2670	2.5631	1.3408	8.1066	7.5928	10.1099	71.3700	6	
0.86500	1.2685	2.5612	1.3422	8.0926	7.5905	10.0920	71.0510	7	
0.87100	1.2738	2.5578	1.3470	8.1413	7.5908	10.1525	71.1770	8	
0.87335	1.2702	2.5283	1.3357	8.0803	7.5875	10.0797	70.7040	11	
0.87630	1.2633	2.5519	1.3392	8.1141	7.5873	10.1251	70.7370	12	
0.86780	1.2573	2.5440	1.3304	8.0667	7.5865	10.0695	70.4950	13	
0.86570	1.2495	2.5460	1.3279	8.0415	7.5846	10.0370	70.3340	14	
0.86400	1.2609	2.5785	1.3352	8.1354	7.5825	10.1525	70.6710	15	
0.85620	1.2446	2.5697	1.3211	8.0399	7.5875	10.0351	69.9780	18	
0.85585	1.2475	2.5637	1.3265	8.0457	7.5887	10.0455	70.3830	19	
0.85520	1.2469	2.5651	1.3271	8.0473	7.5928	10.0489	70.3500	20	
0.85165	1.2375	2.5726	1.3211	8.0273	7.5950	10.0224	70.0300	21	
0.85280	1.2412	2.6072	1.3259	8.0433	7.5945	10.0517	70.3610	22	
0.85160	1.2356	2.6031	1.3199	8.0368	7.5935	10.0396	70.1413	25	
0.84900	1.2263	2.5894	1.3103	7.9899	7.5945	9.9800	70.0060	26	
0.84515	1.2234	2.5838	1.2984	7.9340	7.5950	9.9114	69.5410	27	
0.84560	1.2308	2.5703	1.3021	7.9600	7.5940	9.9420	69.5660	28	
0.84690	1.2267	2.5913	1.3006	7.9379	7.6063	9.9403	69.5630	Apr 2	
0.84840	1.2237	2.5912	1.3010	7.9639	7.6095	9.9575	69.8550	3	
0.84745	1.2290	2.5898	1.3012	7.9484	7.6085	9.9514	70.3680	4	
0.84910	1.2425	2.6060	1.3134	8.0272	7.6100	10.0517	70.9780	5	
0.85095	1.2503	2.5773	1.3244	8.0786	7.6104	10.1107	71.0240	8	
0.85175	1.2449	2.5946	1.3234	8.0879	7.6125	10.1248	71.1200	9	
0.85480	1.2429	2.5968	1.3290	8.1053	7.6125	10.1587	71.3510	10	
0.85200	1.2411	2.5876	1.3242	8.1288	7.6203	10.1836	71.5310	11	
0.84970	1.2396	2.5827	1.3207	8.0819	7.6125	10.1303	71.1660	12	
0.85290	1.2573	2.5854	1.3350	8.0931	7.6130	10.1545	71.4600	15	
0.85690	1.2654	2.6084	1.3411	8.1178	7.6125	10.1909	71.0340	16	
0.86130	1.2691	2.6094	1.3469	8.1041	7.6130	10.1915	71.1660	17	
0.85480	1.2633	2.6207	1.3362	8.0632	7.6147	10.1268	70.4070	18	
0.85440	1.2692	2.6398	1.3443	8.1021	7.5968	10.1820	70.7850	19	
0.85630	1.2696	2.6237	1.3375	8.0592	7.6020	10.1221	70.5910	22	
0.85165	1.2676	2.6266	1.3350	8.0267	7.6055	10.0860	70.6070	23	
0.85250	1.2659	2.6318	1.3345	8.0352	7.6065	10.0980	70.5190	24	
0.84580	1.2669	2.6266	1.3374	8.0650	7.6070	10.1549	70.7960	25	
0.84000	1.2651	2.6005	1.3256	8.0139	7.5985	10.0922	70.6170	26	
0.84400	1.2671	2.6112	1.3293	8.0842	7.5970	10.1777	71.0370	29	
0.84430	1.2649	2.6236	1.3213	8.0597	7.5905	10.1452	70.2750	30	
0.84660	1.2871	2.6426	1.3285	8.1204	7.5822	10.2357	70.9210	May 2	
0.84310	1.2780	2.6334	1.3263	8.0725	7.5827	10.1754	70.7170	3	
0.84310	1.2801	2.6373	1.3217	8.0826	7.5721	10.1705	70.9940	6	
0.84420	1.2908	2.6374	1.3175	8.0658	7.5707	10.1734	70.8930	7	
0.84690	1.2873	2.6347	1.3190	8.0665	7.5710	10.1934	71.0930	8	
0.84435	1.2858	2.6356	1.3189	8.0572	7.5713	10.1977	71.3360	9	
0.84430	1.2978	2.6244	1.3113	7.9782	7.5713	10.0793	71.3110	10	
0.84410	1.3003	2.6147	1.3092	7.9742	7.5615	10.0689	71.0113	13	
0.84815	1.3080	2.6053	1.3157	7.9715	7.5630	10.0726	71.0690	14	
0.84640	1.3015	2.5997	1.3133	7.9050	7.5615	9.9849	70.4527	15	
0.84550	1.3120	2.6151	1.3140	7.9263	7.5695	10.0069	70.6050	16	
0.84475	1.3216	2.6100	1.3220	7.9040	7.5710	9.9911	70.6060	17	
0.84560	1.3140	2.6134	1.3212	7.8903	7.5710	9.9766	70.8010	20	
0.84910	1.3147	2.6293	1.3212	7.8955	7.5713	9.9863	71.2970	21	
0.85570	1.3253	2.6344	1.3315	7.9232	7.5745	10.0301	71.8070	22	
0.85515	1.3302	2.6463	1.3339	7.9055	7.5765	10.0044	71.8050	23	
0.85695	1.3348	2.6470	1.3369	7.9341	7.5685	10.0448	72.1300	24	
0.85560	1.3405	2.6542	1.3357	7.9201	7.5620	10.0453	71.9100	27	
0.85530	1.3355	2.6568	1.3383	7.9200	7.5593	10.0445	72.4080	28	
0.85695	1.3447	2.6866	1.3434	7.9384	7.5635	10.0557	72.7580	29	
0.85570	1.3493	2.6870	1.3433	7.9428	7.5605	10.0500	73.0490	30	
0.85365	1.3540	2.7664	1.3434	7.9789	7.5500	10.0981	73.4980	31	
0.85180	1.3457	2.7752	1.3455	7.9761	7.5415	10.0989	73.8140	June 3	
0.85580	1.3538	2.7749	1.3510	8.0237	7.5365	10.1612	73.9630	4	
0.85105	1.3647	2.7483	1.3509	8.0071	7.5195	10.1414	74.2010	5	
0.84910	1.3789	2.7849	1.3529	8.0493	7.5225	10.1835	74.5640	6	
0.85130	1.3926	2.8419	1.3568	8.1328	7.5285	10.2928	75.6830	7	
0.85040	1.3983	2.8284	1.3455	8.1017	7.5115	10.2549	76.8450	10	

II Euro reference exchange rates of the European Central Bank *

1 Daily rates (cont'd)

EUR 1 = CU ...

		Other European and non-European countries (cont'd)								
		Indonesia	Israel	Japan	Korea, Republic of	Malaysia	Mexico	New Zealand	Norway	
		Indonesian rupiah IDR	New Israeli sheqel ILS	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN	New Zealand dollar NZD	Norwegian krone NOK	
2013 Mar	1	12,601.05	4.8488	120.53	1,415.56	4.0262	16.7042	1.5759	7.4855	
	4	12,636.45	4.8523	121.67	1,419.30	4.0413	16.6451	1.5818	7.4455	
	5	12,642.74	4.8686	121.45	1,418.70	4.0440	16.6001	1.5763	7.4400	
	6	12,638.96	4.8582	121.85	1,412.69	4.0497	16.5647	1.5630	7.4250	
	7	12,612.44	4.8481	122.80	1,415.45	4.0430	16.6541	1.5704	7.4165	
	8	12,676.07	4.8163	125.50	1,427.23	4.0658	16.6598	1.5789	7.4435	
	11	12,597.20	4.7931	124.91	1,426.40	4.0414	16.3724	1.5813	7.4385	
	12	12,646.57	4.8001	125.25	1,429.58	4.0582	16.3106	1.5807	7.4455	
	13	12,580.03	4.7921	124.59	1,433.78	4.0345	16.0835	1.5730	7.4430	
	14	12,553.58	4.7877	124.79	1,438.38	4.0246	16.0628	1.5811	7.5320	
	15	12,701.42	4.8151	125.56	1,452.89	4.0877	16.2443	1.5888	7.5325	
	18	12,557.23	4.7748	122.88	1,439.04	4.0487	16.1410	1.5686	7.5015	
	19	12,580.16	4.7673	123.49	1,440.51	4.0409	16.0453	1.5712	7.5205	
	20	12,588.63	4.7616	123.69	1,442.98	4.0421	16.0388	1.5740	7.5450	
	21	12,573.22	4.7301	122.95	1,438.36	4.0300	15.9865	1.5494	7.5480	
	22	12,629.65	4.7295	122.85	1,449.45	4.0295	16.0711	1.5559	7.5395	
	25	12,599.18	4.6971	122.55	1,435.52	4.0080	15.9715	1.5465	7.5430	
	26	12,521.64	4.6757	121.25	1,424.66	3.9820	15.8408	1.5385	7.4975	
	27	12,428.01	4.6532	120.30	1,420.67	3.9551	15.8335	1.5274	7.4720	
	28	12,447.96	4.6679	120.87	1,425.03	3.9650	15.8146	1.5308	7.5120	
	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	1.5430	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	

* 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	
52.867	39.9750	1.6120	11.8092	1.2245	38.727	2.3457	1.3000	2013 Mar 1
53.085	39.9987	1.6212	11.8202	1.2256	38.800	2.3444	1.3007	4
53.115	40.0300	1.6244	11.8214	1.2277	38.841	2.3391	1.3034	5
53.067	39.9850	1.6244	11.7980	1.2301	38.792	2.3365	1.3035	6
53.020	40.0300	1.6229	11.9340	1.2318	38.705	2.3407	1.3010	7
53.221	40.1213	1.6317	11.8996	1.2355	38.903	2.3490	1.3090	8
52.938	40.0015	1.6236	11.8990	1.2360	38.631	2.3438	1.2994	11
52.995	40.0390	1.6268	11.9232	1.2344	38.624	2.3517	1.3053	12
52.627	39.9200	1.6202	11.9595	1.2319	38.424	2.3510	1.2981	13
52.574	39.8412	1.6193	11.9594	1.2347	38.358	2.3456	1.2937	14
53.121	40.0750	1.6334	12.0108	1.2308	38.656	2.3666	1.3086	15
52.595	39.9180	1.6157	11.8662	1.2221	38.179	2.3466	1.2929	18
52.675	39.9325	1.6179	11.9332	1.2218	37.900	2.3509	1.2944	19
52.721	39.9500	1.6201	12.0201	1.2222	37.696	2.3560	1.2945	20
52.600	39.9375	1.6132	12.0050	1.2225	37.658	2.3425	1.2910	21
52.877	40.0100	1.6177	12.0706	1.2212	37.964	2.3558	1.2948	22
52.840	39.8300	1.6086	12.0035	1.2213	37.908	2.3528	1.2935	25
52.788	39.7355	1.5968	11.9128	1.2209	37.684	2.3386	1.2861	26
52.233	39.5730	1.5888	11.8725	1.2174	37.410	2.3271	1.2768	27
52.296	39.7617	1.5900	11.8200	1.2195	37.423	2.3212	1.2805	28
52.479	40.0061	1.5847	11.8186	1.2159	37.621	2.3170	1.2840	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

II Euro reference exchange rates of the European Central Bank *

2 Monthly averages +

EUR 1 = CU ...

Period	EU member countries										Other European and non-	
	Bulgaria	Czech Republic	Denmark	Hungary	Latvia	Lithuania	Poland	Romania	Sweden	United Kingdom	Australia	Brazil
	Bulgarian lev BGN	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Latvian lats LVL	Lithuanian litas LTL	Polish zloty PLN	Romanian leu RON	Swedish krona SEK	Pound sterling GBP	Australian dollar AUD	Brazilian real BRL
2008 May	1.9558	25.100	7.4609	247.69	0.6987	3.4528	3.4038	3.6583	9.3106	0.79209	1.6382	2.5824
June	1.9558	24.316	7.4586	242.42	0.7032	3.4528	3.3736	3.6556	9.3739	0.79152	1.6343	2.5185
July	1.9558	23.528	7.4599	231.82	0.7035	3.4528	3.2591	3.5764	9.4566	0.79308	1.6386	2.5097
Aug	1.9558	24.287	7.4595	235.88	0.7039	3.4528	3.2920	3.5271	9.3984	0.79279	1.6961	2.4103
Sep	1.9558	24.497	7.4583	240.68	0.7060	3.4528	3.3747	3.6248	9.5637	0.79924	1.7543	2.5712
Oct	1.9558	24.768	7.4545	260.15	0.7093	3.4528	3.5767	3.7479	9.8506	0.78668	1.9345	2.9112
Nov	1.9558	25.193	7.4485	265.32	0.7092	3.4528	3.7326	3.7838	10.1275	0.83063	1.9381	2.8967
Dec	1.9558	26.120	7.4503	265.02	0.7084	3.4528	4.0044	3.9227	10.7538	0.90448	2.0105	3.2266
2009 Jan	1.9558	27.169	7.4519	279.86	0.7043	3.4528	4.2300	4.2354	10.7264	0.91819	1.9633	3.0596
Feb	1.9558	28.461	7.4514	298.30	0.7056	3.4528	4.6467	4.2864	10.9069	0.88691	1.9723	2.9685
Mar	1.9558	27.231	7.4509	304.14	0.7083	3.4528	4.6210	4.2828	11.1767	0.91966	1.9594	3.0198
Apr	1.9558	26.774	7.4491	295.26	0.7093	3.4528	4.4326	4.2041	10.8796	0.89756	1.8504	2.9197
May	1.9558	26.731	7.4468	281.93	0.7092	3.4528	4.4103	4.1700	10.5820	0.88445	1.7831	2.8232
June	1.9558	26.545	7.4457	280.46	0.7015	3.4528	4.5084	4.2131	10.8713	0.85670	1.7463	2.7391
July	1.9558	25.793	7.4458	272.06	0.7006	3.4528	4.2965	4.2184	10.8262	0.86092	1.7504	2.7221
Aug	1.9558	25.646	7.4440	270.05	0.7013	3.4528	4.1311	4.2183	10.2210	0.86265	1.7081	2.6314
Sep	1.9558	25.346	7.4428	271.84	0.7039	3.4528	4.1584	4.2420	10.1976	0.89135	1.6903	2.6520
Oct	1.9558	25.861	7.4438	268.49	0.7088	3.4528	4.2146	4.2871	10.3102	0.91557	1.6341	2.5771
Nov	1.9558	25.812	7.4415	270.92	0.7088	3.4528	4.1646	4.2896	10.3331	0.89892	1.6223	2.5777
Dec	1.9558	26.089	7.4419	273.22	0.7077	3.4528	4.1439	4.2284	10.4085	0.89972	1.6185	2.5566
2010 Jan	1.9558	26.133	7.4424	269.43	0.7088	3.4528	4.0703	4.1383	10.1939	0.88305	1.5624	2.5383
Feb	1.9558	25.979	7.4440	271.21	0.7090	3.4528	4.0144	4.1196	9.9505	0.87604	1.5434	2.5237
Mar	1.9558	25.541	7.4416	265.40	0.7083	3.4528	3.8906	4.0866	9.7277	0.90160	1.4882	2.4233
Apr	1.9558	25.308	7.4428	265.53	0.7076	3.4528	3.8782	4.1306	9.6617	0.87456	1.4463	2.3550
May	1.9558	25.663	7.4413	276.78	0.7075	3.4528	4.0567	4.1767	9.6641	0.85714	1.4436	2.2750
June	1.9558	25.780	7.4409	281.49	0.7082	3.4528	4.1055	4.2434	9.5723	0.82771	1.4315	2.2057
July	1.9558	25.328	7.4522	283.75	0.7090	3.4528	4.0814	4.2608	9.4954	0.83566	1.4586	2.2600
Aug	1.9558	24.806	7.4495	281.45	0.7085	3.4528	3.9899	4.2396	9.4216	0.82363	1.4337	2.2691
Sep	1.9558	24.651	7.4476	282.10	0.7091	3.4528	3.9548	4.2655	9.2241	0.83987	1.3943	2.2476
Oct	1.9558	24.531	7.4567	274.01	0.7094	3.4528	3.9496	4.2787	9.2794	0.87638	1.4164	2.3378
Nov	1.9558	24.633	7.4547	275.51	0.7094	3.4528	3.9520	4.2940	9.3166	0.85510	1.3813	2.3391
Dec	1.9558	25.174	7.4528	277.62	0.7096	3.4528	3.9962	4.2929	9.0559	0.84813	1.3304	2.2387
2011 Jan	1.9558	24.449	7.4518	275.33	0.7034	3.4528	3.8896	4.2624	8.9122	0.84712	1.3417	2.2371
Feb	1.9558	24.277	7.4555	271.15	0.7037	3.4528	3.9264	4.2457	8.7882	0.84635	1.3543	2.2765
Mar	1.9558	24.393	7.4574	270.89	0.7072	3.4528	4.0145	4.1621	8.8864	0.86653	1.3854	2.3220
Apr	1.9558	24.301	7.4574	265.29	0.7092	3.4528	3.9694	4.1004	8.9702	0.88291	1.3662	2.2889
May	1.9558	24.381	7.4566	266.96	0.7093	3.4528	3.9404	4.1142	8.9571	0.87788	1.3437	2.3131
June	1.9558	24.286	7.4579	266.87	0.7091	3.4528	3.9702	4.1937	9.1125	0.88745	1.3567	2.2850
July	1.9558	24.335	7.4560	267.68	0.7092	3.4528	3.9951	4.2413	9.1340	0.88476	1.3249	2.2329
Aug	1.9558	24.273	7.4498	272.37	0.7093	3.4528	4.1195	4.2505	9.1655	0.87668	1.3651	2.2888
Sep	1.9558	24.556	7.4462	285.05	0.7093	3.4528	4.3379	4.2838	9.1343	0.87172	1.3458	2.3946
Oct	1.9558	24.841	7.4442	296.79	0.7061	3.4528	4.3516	4.3244	9.1138	0.87036	1.3525	2.4336
Nov	1.9558	25.464	7.4412	309.15	0.7015	3.4528	4.4324	4.3560	9.1387	0.85740	1.3414	2.4210
Dec	1.9558	25.514	7.4341	304.19	0.6975	3.4528	4.4774	4.3282	9.0184	0.84405	1.3003	2.4175
2012 Jan	1.9558	25.531	7.4353	307.33	0.6990	3.4528	4.3760	4.3417	8.8503	0.83210	1.2405	2.3084
Feb	1.9558	25.042	7.4341	290.68	0.6988	3.4528	4.1835	4.3513	8.8196	0.83696	1.2327	2.2729
Mar	1.9558	24.676	7.4354	292.26	0.6977	3.4528	4.1370	4.3668	8.8873	0.83448	1.2538	2.3674
Apr	1.9558	24.809	7.4393	294.81	0.6993	3.4528	4.1782	4.3789	8.8650	0.82188	1.2718	2.4405
May	1.9558	25.313	7.4335	293.67	0.6981	3.4528	4.2937	4.4412	8.9924	0.80371	1.2825	2.5357
June	1.9558	25.640	7.4325	293.57	0.6969	3.4528	4.2973	4.4626	8.8743	0.80579	1.2550	2.5658
July	1.9558	25.447	7.4384	286.28	0.6963	3.4528	4.1837	4.5549	8.5451	0.78827	1.1931	2.4914
Aug	1.9558	25.021	7.4454	278.93	0.6963	3.4528	4.0934	4.5176	8.2805	0.78884	1.1841	2.5170
Sep	1.9558	24.752	7.4539	284.22	0.6962	3.4528	4.1345	4.5022	8.4929	0.79821	1.2372	2.6066
Oct	1.9558	24.939	7.4582	282.09	0.6962	3.4528	4.1071	4.5624	8.6145	0.80665	1.2596	2.6333
Nov	1.9558	25.365	7.4587	282.26	0.6962	3.4528	4.1321	4.5273	8.6076	0.80389	1.2331	2.6512
Dec	1.9558	25.214	7.4604	285.79	0.6965	3.4528	4.0956	4.4899	8.6512	0.81237	1.2527	2.7264
2013 Jan	1.9558	25.563	7.4614	294.01	0.6978	3.4528	4.1424	4.3835	8.6217	0.83271	1.2658	2.6993
Feb	1.9558	25.475	7.4598	292.73	0.6999	3.4528	4.1700	4.3839	8.5083	0.86250	1.2951	2.6354
Mar	1.9558	25.659	7.4553	303.01	0.7013	3.4528	4.1565	4.3923	8.3470	0.85996	1.2537	2.5694
Apr	1.9558	25.841	7.4553	298.67	0.7006	3.4528	4.1359	4.3780	8.4449	0.85076	1.2539	2.6060
May	1.9558	25.888	7.4536	292.38	0.7002	3.4528	4.1799	4.3360	8.5725	0.84914	1.3133	2.6414

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

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

II Euro reference exchange rates of the European Central Bank *

European countries												Period
Canada	China	Croatia	Hong Kong	Iceland	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia		
Canadian dollar CAD	Chinese yuan renminbi CNY	Croatian kuna HRK	Hong Kong dollar HKD	Icelandic krona ISK ¹	Indian rupee INR ²	Indonesian rupiah IDR	New Israeli sheqel ILS ³	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR		
1.5530	10.8462	7.2539	12.1341	117.46	65.5590	14.436.99	5.2550	162.31	1,613.18	5.0081	2008 May	
1.5803	10.7287	7.2469	12.1425	123.28	66.5632	14,445.41	5.2276	166.26	1,604.95	5.0666	June	
1.5974	10.7809	7.2297	12.3004	123.61	67.5111	14,442.77	5.3231	168.45	1,604.58	5.1258	July	
1.5765	10.2609	7.1947	11.6932	122.07	64.3236	13,700.21	5.3246	163.63	1,566.23	4.9843	Aug	
1.5201	9.8252	7.1223	11.1905	131.33	65.4115	13,430.23	5.0807	153.20	1,630.26	4.9461	Sep	
1.5646	9.1071	7.1639	10.3368	274.64	64.5866	13,283.63	4.8854	133.52	1,759.07	4.6895	Oct	
1.5509	8.6950	7.1366	9.8687	242.95	62.1436	14,984.85	4.9569	123.28	1,783.12	4.5682	Nov	
1.6600	9.2205	7.2245	10.4240	290.00	65.1465	15,276.62	5.2033	122.51	1,850.06	4.7755	Dec	
1.6233	9.0496	7.3603	10.2687	–	64.5104	14,802.07	5.1793	119.73	1,801.97	4.7291	2009 Jan	
1.5940	8.7406	7.4309	9.9128	–	62.8849	15,233.33	5.2437	118.30	1,843.90	4.6466	Feb	
1.6470	8.9210	7.4430	10.1138	–	66.8026	15,477.84	5.4354	127.65	1,894.48	4.7949	Mar	
1.6188	9.0110	7.4172	10.2229	–	66.0471	14,552.65	5.5290	130.25	1,760.14	4.7562	Apr	
1.5712	9.3157	7.3515	10.5807	–	66.1762	14,137.45	5.5552	131.85	1,710.18	4.8057	May	
1.5761	9.5786	7.2954	10.8638	–	66.9191	14,315.40	5.5260	135.39	1,768.80	4.9305	June	
1.5824	9.6246	7.3307	10.9182	–	68.2333	14,241.51	5.4784	133.09	1,778.43	4.9963	July	
1.5522	9.7485	7.3287	11.0587	–	68.9570	14,270.78	5.4694	135.31	1,768.99	5.0185	Aug	
1.5752	9.9431	7.3102	11.2858	–	70.4154	14,346.84	5.4813	133.14	1,768.58	5.0862	Sep	
1.5619	10.1152	7.2419	11.4828	–	69.2160	14,057.25	5.5194	133.91	1,739.94	5.0425	Oct	
1.5805	10.1827	7.2952	11.5588	–	69.4421	14,115.45	5.6352	132.97	1,735.17	5.0553	Nov	
1.5397	9.9777	7.2907	11.3296	–	68.0924	13,830.84	5.5373	131.21	1,703.03	4.9859	Dec	
1.4879	9.7436	7.2938	11.0783	–	65.5361	13,263.60	5.2964	130.34	1,624.76	4.8170	2010 Jan	
1.4454	9.3462	7.3029	10.6305	–	63.4291	12,786.05	5.1258	123.46	1,582.70	4.6743	Feb	
1.3889	9.2623	7.2616	10.5313	–	61.7352	12,434.53	5.0772	123.03	1,542.59	4.5083	Mar	
1.3467	9.1505	7.2594	10.4065	–	59.6203	12,101.70	4.9773	125.33	1,494.53	4.2935	Apr	
1.3060	8.5794	7.2630	9.7843	–	57.6166	11,517.01	4.7640	115.83	1,465.81	4.0874	May	
1.2674	8.3245	7.2225	9.5091	–	56.8582	11,169.39	4.7048	110.99	1,483.22	3.9853	June	
1.3322	8.6538	7.2198	9.9308	–	59.8100	11,546.78	4.9236	111.73	1,538.85	4.0924	July	
1.3411	8.7520	7.2525	10.0193	–	60.0584	11,573.26	4.8906	110.04	1,522.39	4.0654	Aug	
1.3515	8.8104	7.2874	10.1470	–	60.0771	11,716.16	4.8792	110.26	1,517.10	4.0570	Sep	
1.4152	9.2665	7.3277	10.7835	–	61.7399	12,407.16	5.0192	113.67	1,560.30	4.3092	Oct	
1.3831	9.0895	7.3830	10.5941	–	61.4539	12,224.00	4.9770	112.69	1,544.16	4.2588	Nov	
1.3327	8.7873	7.3913	10.2776	–	59.6472	11,925.21	4.7618	110.11	1,513.74	4.1313	Dec	
1.3277	8.8154	7.4008	10.3945	–	60.7161	12,077.47	4.7909	110.38	1,495.50	4.0895	2011 Jan	
1.3484	8.9842	7.4149	10.6312	–	62.0142	12,165.92	4.9939	112.77	1,524.99	4.1541	Feb	
1.3672	9.1902	7.3915	10.9093	–	62.9526	12,263.18	4.9867	114.40	1,568.05	4.2483	Mar	
1.3834	9.4274	7.3639	11.2269	–	64.1128	12,493.48	4.9573	120.42	1,567.52	4.3502	Apr	
1.3885	9.3198	7.4052	11.1551	–	64.4735	12,290.33	4.9740	116.47	1,555.99	4.3272	May	
1.4063	9.3161	7.4065	11.2021	–	64.5200	12,327.02	4.9169	115.75	1,555.32	4.3585	June	
1.3638	9.2121	7.4316	11.1104	–	63.3537	12,171.27	4.8801	113.26	1,510.29	4.2716	July	
1.4071	9.1857	7.4620	11.1846	–	65.0717	12,249.95	5.0841	110.43	1,542.01	4.2822	Aug	
1.3794	8.7994	7.4936	10.7333	–	65.5964	12,118.49	5.0788	105.75	1,544.04	4.2456	Sep	
1.3981	8.7308	7.4849	10.6616	–	67.5519	12,150.54	5.0253	105.06	1,578.17	4.2963	Oct	
1.3897	8.6154	7.4923	10.5495	–	68.8330	12,214.99	5.0521	105.02	1,537.42	4.2756	Nov	
1.3481	8.3563	7.5136	10.2496	–	69.2066	11,965.40	4.9725	102.55	1,513.26	4.1639	Dec	
1.3073	8.1465	7.5543	10.0187	–	66.0601	11,709.25	4.9141	99.33	1,474.96	4.0151	2012 Jan	
1.3193	8.3314	7.5815	10.2553	–	65.0589	11,913.82	4.9474	103.77	1,485.58	3.9978	Feb	
1.3121	8.3326	7.5358	10.2474	–	66.5399	12,082.50	4.9679	108.88	1,487.83	4.0229	Mar	
1.3068	8.2921	7.4991	10.2163	–	68.1939	12,068.69	4.9362	107.00	1,495.40	4.0277	Apr	
1.2916	8.0806	7.5383	9.9291	–	69.6407	11,913.51	4.8974	101.97	1,481.36	3.9688	May	
1.2874	7.9676	7.5434	9.7192	–	70.1673	11,830.22	4.8763	99.26	1,458.61	3.9836	June	
1.2461	7.8288	7.5006	9.5308	–	68.1061	11,605.16	4.9042	97.07	1,404.11	3.8914	July	
1.2315	7.8864	7.4853	9.6177	–	68.8632	11,777.55	4.9779	97.58	1,403.93	3.8643	Aug	
1.2583	8.1273	7.4291	9.9686	–	70.0452	12,287.93	5.0717	100.49	1,444.65	3.9599	Sep	
1.2801	8.1390	7.5140	10.0574	–	68.8589	12,457.30	4.9976	102.47	1,435.37	3.9649	Oct	
1.2787	7.9998	7.5410	9.9423	–	70.3250	12,343.83	4.9970	103.94	1,395.13	3.9230	Nov	
1.2984	8.1809	7.5334	10.1679	–	71.6946	12,643.37	4.9570	109.71	1,411.41	4.0075	Dec	
1.3189	8.2698	7.5746	10.3027	–	72.0716	12,837.99	4.9706	118.34	1,417.69	4.0413	2013 Jan	
1.3477	8.3282	7.5868	10.3608	–	71.9342	12,933.75	4.9359	124.40	1,452.82	4.1403	Feb	
1.3285	8.0599	7.5909	10.0588	–	70.5579	12,590.61	4.7769	122.99	1,430.31	4.0309	Mar	
1.3268	8.0564	7.6076	10.1110	–	70.7738	12,664.51	4.7164	127.54	1,460.89	3.9686	Apr	
1.3257	7.9715	7.5684	10.0766	–	71.4760	12,673.13	4.7223	131.13	1,444.56	3.9200	May	

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 May	16.2402	2.0011	7.8648	66.895	36.9042	2.1259	11.8696	1.6247	49.942	1.9408	1.5557
June	16.0617	2.0424	7.9915	68.903	36.7723	2.1278	12.3467	1.6139	51.649	1.9206	1.5553
July	16.1119	2.0900	8.0487	70.694	36.8261	2.1438	12.0328	1.6193	52.821	1.9128	1.5770
Aug	15.1269	2.1097	7.9723	67.307	36.2502	2.1024	11.4680	1.6212	50.697	1.7669	1.4975
Sep	15.2805	2.1293	8.1566	67.113	36.3727	2.0549	11.5899	1.5942	49.264	1.7843	1.4370
Oct	16.8177	2.1891	8.5928	63.882	35.2144	1.9666	12.9341	1.5194	45.872	1.9612	1.3322
Nov	16.6735	2.2554	8.8094	62.496	34.7964	1.9183	12.8785	1.5162	44.677	2.0342	1.2732
Dec	18.0764	2.4119	9.4228	64.505	37.8999	1.9888	13.4275	1.5393	47.107	2.0894	1.3449
2009 Jan	18.3762	2.4132	9.2164	62.354	42.3282	1.9742	13.1255	1.4935	46.218	2.1233	1.3239
Feb	18.6536	2.4851	8.7838	60.832	45.8079	1.9411	12.8005	1.4904	45.156	2.1280	1.2785
Mar	19.1278	2.4527	8.8388	63.105	45.1451	1.9949	12.9870	1.5083	46.667	2.2340	1.3050
Apr	17.7645	2.3123	8.7867	63.462	44.2135	1.9823	11.8784	1.5147	46.741	2.1277	1.3190
May	17.9969	2.2663	8.7943	64.600	43.5678	1.9939	11.4475	1.5118	47.241	2.1251	1.3650
June	18.6813	2.1967	8.9388	67.036	43.5553	2.0357	11.2718	1.5148	47.844	2.1675	1.4016
July	18.8143	2.1873	8.9494	67.724	44.3881	2.0421	11.2007	1.5202	47.969	2.1378	1.4088
Aug	18.5571	2.1097	8.6602	68.803	45.1972	2.0577	11.3415	1.5236	48.543	2.1236	1.4268
Sep	19.5255	2.0691	8.5964	69.967	44.7624	2.0720	10.9495	1.5148	49.239	2.1711	1.4562
Oct	19.5856	2.0065	8.3596	69.419	43.6188	2.0714	11.0938	1.5138	49.504	2.1823	1.4816
Nov	19.5478	2.0450	8.4143	70.165	43.1835	2.0711	11.2134	1.5105	49.634	2.2262	1.4914
Dec	18.7787	2.0383	8.4066	67.706	43.9019	2.0392	10.9261	1.5021	48.544	2.2013	1.4614
2010 Jan	18.2820	1.9646	8.1817	65.702	42.5749	1.9930	10.6492	1.4765	47.150	2.1028	1.4272
Feb	17.7154	1.9615	8.0971	63.317	41.2845	1.9326	10.4964	1.4671	45.360	2.0756	1.3686
Mar	17.0587	1.9301	8.0369	61.999	40.1219	1.8990	10.0589	1.4482	44.111	2.0821	1.3569
Apr	16.3957	1.8814	7.9323	59.788	39.1335	1.8505	9.8658	1.4337	43.279	1.9983	1.3406
May	15.9856	1.8010	7.8907	57.315	38.2707	1.7503	9.6117	1.4181	40.714	1.9459	1.2565
June	15.5346	1.7667	7.9062	56.594	38.1507	1.7081	9.3398	1.3767	39.635	1.9274	1.2209
July	16.3699	1.7925	8.0201	59.072	39.1317	1.7588	9.6351	1.3460	41.273	1.9669	1.2770
Aug	16.4571	1.8059	7.9325	58.245	39.1898	1.7482	9.4192	1.3413	40.937	1.9484	1.2894
Sep	16.7361	1.7955	7.9156	57.772	40.2564	1.7439	9.3236	1.3089	40.264	1.9528	1.3067
Oct	17.2845	1.8498	8.1110	60.285	42.1471	1.8116	9.6165	1.3452	41.636	1.9800	1.3898
Nov	16.8386	1.7703	8.1463	59.485	42.3360	1.7739	9.5320	1.3442	40.826	1.9717	1.3661
Dec	16.3797	1.7587	7.9020	58.050	40.7385	1.7262	9.0143	1.2811	39.805	2.0159	1.3220
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

* See Explanatory notes, p 57. + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. ¹ Up to end-2008, New Turkish lira.

II Euro reference exchange rates of the European Central Bank *

3 End-of-year rates and annual averages

EUR 1 = CU ...

EU member countries		Bulgaria	Cyprus	Czech Republic	Denmark	Estonia	Greece	Hungary	Latvia	Lithuania	Malta
Period		Bulgarian lev BGN 1	Cyprus pound CYP 2	Czech koruna CZK	Danish krone DKK	Estonian kroon EEK 2	Greek drachma GRD 2	Hungarian forint HUF	Latvian lats LVL 1	Lithuanian litas LTL 1	Maltese lira MTL 1 2
End of year											
1999		.	0.57667	36.103	7.4433	15.6466	330.30	254.70	0.5881	4.0169	0.4151
2000	1.9543	0.57369	35.047	7.4631	15.6466	340.75	265.00	0.5764	3.7229	0.4075	
2001	1.9463	0.57504	31.962	7.4365	15.6466	–	245.18	0.5563	3.5228	0.3994	
2002	1.9546	0.57316	31.577	7.4288	15.6466	–	236.29	0.6140	3.4525	0.4182	
2003	1.9557	0.58637	32.410	7.4450	15.6466	–	262.50	0.6725	3.4524	0.4317	
2004	1.9559	0.58000	30.464	7.4388	15.6466	–	245.97	0.6979	3.4528	0.4343	
2005	1.9563	0.57350	29.000	7.4605	15.6466	–	252.87	0.6962	3.4528	0.4293	
2006	1.9558	0.57820	27.485	7.4560	15.6466	–	251.77	0.6972	3.4528	0.4293	
2007	1.9558	0.585274	26.628	7.4583	15.6466	–	253.73	0.6964	3.4528	0.4293	
2008	1.9558	–	26.875	7.4506	15.6466	–	266.70	0.7083	3.4528	–	
2009	1.9558	–	26.473	7.4418	15.6466	–	270.42	0.7093	3.4528	–	
2010	1.9558	–	25.061	7.4535	15.6466	–	277.95	0.7094	3.4528	–	
2011	1.9558	–	25.787	7.4342	–	–	314.58	0.6995	3.4528	–	
2012	1.9558	–	25.151	7.4610	–	–	292.30	0.6977	3.4528	–	
Annual averages +											
1999	.	0.57884	36.884	7.4355	15.6466	325.76	252.77	0.6256	4.2641	0.4258	
2000	3 1.9477	0.57392	35.599	7.4538	15.6466	336.63	260.04	0.5592	3.6952	0.4041	
2001	1.9482	0.57589	34.068	7.4521	15.6466	–	256.59	0.5601	3.5823	0.4030	
2002	1.9492	0.57530	30.804	7.4305	15.6466	–	242.96	0.5810	3.4594	0.4089	
2003	1.9490	0.58409	31.846	7.4307	15.6466	–	253.62	0.6407	3.4527	0.4261	
2004	1.9533	0.58185	31.891	7.4399	15.6466	–	251.66	0.6652	3.4529	0.4280	
2005	1.9558	0.57683	29.782	7.4518	15.6466	–	248.05	0.6962	3.4528	0.4299	
2006	1.9558	0.57578	28.342	7.4591	15.6466	–	264.26	0.6962	3.4528	0.4293	
2007	1.9558	0.58263	27.766	7.4506	15.6466	–	251.35	0.7001	3.4528	0.4293	
2008	1.9558	–	24.946	7.4560	15.6466	–	251.51	0.7027	3.4528	–	
2009	1.9558	–	26.435	7.4462	15.6466	–	280.33	0.7057	3.4528	–	
2010	1.9558	–	25.284	7.4473	15.6466	–	275.48	0.7087	3.4528	–	
2011	1.9558	–	24.590	7.4506	–	–	279.37	0.7063	3.4528	–	
2012	1.9558	–	25.149	7.4437	–	–	289.25	0.6973	3.4528	–	

EU member countries (cont'd)							Other European and non-European countries			
Poland	Romania	Slovakia	Slovenia	Sweden	United Kingdom	Australia	Brazil	Canada	China	
Polish zloty PLN	Romanian Leu (old)/(new) ROL/RON 1 4	Slovak koruna SKK 1 2	Slovenian tolar SIT 2	Swedish krona SEK	Pound sterling GBP	Australian dollar AUD	Brazilian real BRL 5	Canadian dollar CAD	Chinese yuan renminbi CNY 6	
End of year										
1999	4.1587	18,345	42.402	198.9055	8.5625	0.62170	1.5422	1.4608	.	
2000	3.8498	24,142	43.933	213.5401	8.8313	0.62410	1.6770	1.3965	7.7017	
2001	3.4953	27,817	42.780	218.8364	9.3012	0.60850	1.7280	2.0465	7.2945	
2002	4.0210	35,135	41.503	230.1577	9.1528	0.65050	1.8556	3.7124	6.6801	
2003	4.7019	41,158	41.170	236.7000	9.0800	0.70480	1.6802	3.6698	10.4539	
2004	4.0845	39,390	38.745	239.7600	9.0206	0.70505	1.7459	3.6201	11.2741	
2005	3.8600	4 3.6802	37.880	239.5000	9.3885	0.68530	1.6109	2.7462	9.5204	
2006	3.8310	3.3835	34.435	239.6400	9.0404	0.67150	1.6691	2.8141	10.2793	
2007	3.5935	3.6077	33.583	–	9.4415	0.73335	1.6757	2.5914	10.7524	
2008	4.1535	4.0225	30.126	–	10.8700	0.95250	2.0274	3.2436	9.4956	
2009	4.1045	4.2363	–	–	10.2520	0.88810	1.6008	2.5113	9.8350	
2010	3.9750	4.2620	–	–	8.9655	0.86075	1.3136	2.2177	8.8220	
2011	4.4580	4.3233	–	–	8.9120	0.83530	1.2723	2.4159	8.1588	
2012	4.0740	4.4445	–	–	8.5820	0.81610	1.2712	2.7036	8.2207	
Annual averages +										
1999	4.2274	16,345	44.123	194.4732	8.8075	0.65874	1.6523	1.5840	.	
2000	4.0082	19,922	42.602	206.6127	8.4452	0.60948	1.5889	1.3706	7 7.6168	
2001	3.6721	26,004	43.300	217.9797	9.2551	0.62187	1.7319	1.3864	7.4131	
2002	3.8574	31,270	42.694	225.9772	9.1611	0.62883	1.7376	2.7896	7.8265	
2003	4.3996	37,551	41.489	233.8493	9.1242	0.69199	1.7379	3.4701	9.3626	
2004	4.5268	40,510	40.022	239.0874	9.1243	0.67866	1.6905	3.6362	10.2967	
2005	4.0230	4 3.6209	38.599	239.5681	9.2822	0.68380	1.6320	3.0360	10.1955	
2006	3.8959	3.5258	37.234	239.5961	9.2544	0.68173	1.6668	2.7333	10.0096	
2007	3.7837	3.3353	33.775	–	9.2501	0.68434	1.6348	2.6633	10.4178	
2008	3.5121	3.6826	31.262	–	9.6152	0.79628	1.7416	2.6737	10.2236	
2009	4.3276	4.2399	–	–	10.6191	0.89094	1.7727	2.7674	9.5277	
2010	3.9947	4.2122	–	–	9.5373	0.85784	1.4423	2.3314	8.9712	
2011	4.1206	4.2391	–	–	9.0298	0.86788	1.3484	2.3265	8.9960	
2012	4.1847	4.4593	–	–	8.7041	0.81087	1.2407	2.5084	8.1052	

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

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

II Euro reference exchange rates of the European Central Bank *

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

EUR 1 = CU ...

Other European and non-European countries (cont'd)										
	Croatia	Hong Kong	Iceland	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia	Mexico
Period	Croatian kuna HRK 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	7.5800	7.2578	78.80	43.4290	9,077.75	3.7620	106.92	1,177.08	3.5380	8.9255
2001	7.3490	6.8723	91.48	42.4950	9,227.43	3.8746	115.33	1,161.55	3.3475	8.0466
2002	7.4750	8.1781	84.74	50.2930	9,387.21	4.9708	124.39	1,243.76	3.9857	10.9605
2003	7.6451	9.8049	89.46	57.5780	10,643.10	5.5424	135.05	1,506.32	4.8019	14.1807
2004	7.6650	10.5881	83.60	59.2590	12,653.91	5.8922	139.65	1,410.05	5.1802	15.2235
2005	7.3715	9.1474	74.57	53.1130	11,596.45	5.4334	138.90	1,184.42	4.4584	12.5945
2006	7.3504	10.2409	93.13	58.2180	11,844.44	5.5677	156.93	1,224.81	4.6490	14.2899
2007	7.3308	11.4800	91.90	57.8620	13,826.70	5.6539	164.93	1,377.96	4.8682	16.0732
2008	7.3555	10.7858	³	67.4370	15,239.12	5.2919	126.14	1,839.13	4.8048	19.2339
2009	7.3000	11.1709		67.0400	13,626.13	5.4524	133.16	1,666.97	4.9326	18.9223
2010	7.3830	10.3856		59.7580	12,002.14	4.7321	108.65	1,499.06	4.0950	16.5475
2011	7.5370	10.0510		68.7130	11,731.47	4.9453	100.20	1,498.69	4.1055	18.0512
2012	7.5575	10.2260		72.5600	12,713.97	4.9258	113.61	1,406.23	4.0347	17.1845
Annual averages ⁺										
1999		8.2694	77.18		8,386.62		121.32	1,267.26	4.0498	10.1945
2000	⁷ 7.6410	7.1973	72.58	⁷ 41.3561	7,731.57	⁷ 3.7506	99.47	1,043.50	3.5101	8.7361
2001	7.4820	6.9855	87.42	42.2471	9,167.71	3.7672	108.68	1,154.83	3.4036	8.3710
2002	7.4130	7.3750	86.18	45.9248	8,785.12	4.4800	118.06	1,175.50	3.5933	9.1628
2003	7.5688	8.8079	86.65	52.6100	9,685.54	5.1340	130.97	1,346.90	4.2983	12.2144
2004	7.4967	9.6881	87.14	56.3008	11,127.34	5.5706	134.44	1,422.62	4.7273	14.0386
2005	7.4008	9.6768	78.23	54.8117	12,072.83	5.5807	136.85	1,273.61	4.7119	13.5643
2006	7.3247	9.7545	87.76	56.8435	11,512.37	5.5920	146.02	1,198.58	4.6044	13.6936
2007	7.3376	10.6912	87.63	56.4186	12,528.33	5.6278	161.25	1,272.99	4.7076	14.9743
2008	7.2239	11.4541	³ 143.83	63.6143	14,165.16	5.2561	152.45	1,606.09	4.8893	16.2911
2009	7.3400	10.8114		67.3611	14,443.74	5.4668	130.34	1,772.90	4.9079	18.7989
2010	7.2891	10.2994		60.5878	12,041.70	4.9457	116.24	1,531.82	4.2668	16.7373
2011	7.4390	10.8362		64.8859	12,206.51	4.9775	110.96	1,541.23	4.2558	17.2877
2012	7.5217	9.9663		68.5973	12,045.73	4.9536	102.49	1,447.69	3.9672	16.9029

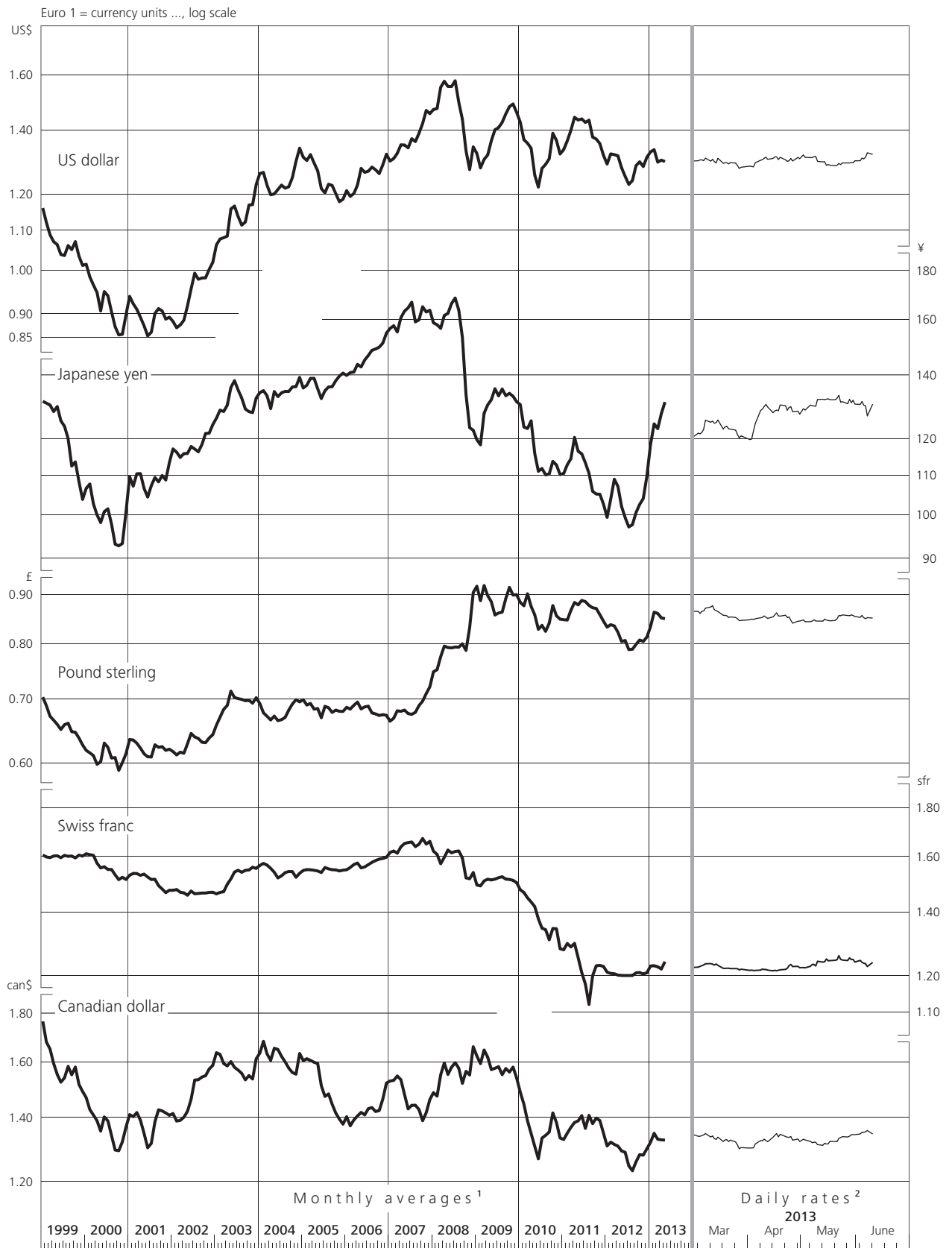
Other European and non-European countries (cont'd)										
	New Zealand	Norway	Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United States
Period	New Zealand dollar NZD	Norwegian krona NOK	Philippine peso PHP ¹	Russian rouble RUB ¹	Singapore dollar SGD ²	South African 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: May 2013. ² Last updated: 10 June 2013.

III Effective exchange rates of the euro *

1 Annual and monthly averages

1999 Q1 = 100

Period	Effective exchange rate of the euro ¹				Memo item Indicators of the German economy's price competitiveness based on consumer price indices				
	EER-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	94.8	90.7	93.5	96.9	89.6	91.9	91.8
2003	100.6	101.5	106.8	101.6	97.0	95.7	99.2	96.5	96.7
2004	104.4	105.3	111.3	105.2	98.4	95.4	102.9	98.0	98.2
2005	102.9	103.8	109.3	102.7	98.4	95.2	103.3	96.9	96.5
2006	102.8	103.8	109.3	102.0	98.5	94.8	104.2	96.4	95.8
2007	106.2	106.5	112.8	104.0	100.8	95.1	109.8	97.8	96.9
2008	109.4	108.6	116.9	105.9	102.2	94.5	114.9	97.8	97.0
2009	110.6	109.2	119.7	106.8	101.7	94.4	113.8	97.9	97.4
2010	103.6	101.6	111.4	98.1	98.8	94.0	106.1	93.9	92.2
2011	103.4	100.7	112.1	97.6	98.2	93.7	105.2	93.1	91.7
2012	97.8	95.5	107.0	92.8	96.0	93.2	99.7	90.3	88.8
2009 Feb	107.7	106.9	117.0	105.3	100.6	94.5	110.1	97.1	96.8
Mar	110.0	108.8	119.5	107.1	101.4	94.4	113.0	97.7	97.5
Apr	109.1	108.0	118.2	105.9	101.4	94.4	112.9	97.3	96.8
May	109.8	108.5	118.7	106.2	101.5	94.3	113.2	97.5	96.9
June	111.0	109.7	120.0	107.3	101.9	94.6	114.0	98.3	97.7
July	110.6	109.1	119.7	106.7	101.8	94.5	113.7	97.8	97.2
Aug	110.6	109.1	119.8	106.8	101.9	94.6	114.0	98.0	97.4
Sep	111.8	110.0	121.1	107.6	102.1	94.4	114.9	98.2	97.6
Oct	113.1	111.2	122.0	108.3	102.6	94.4	116.4	98.8	98.1
Nov	113.0	111.0	122.0	108.1	102.3	94.3	115.9	98.6	97.9
Dec	111.9	109.8	120.8	106.8	102.2	94.4	115.1	98.2	97.4
2010 Jan	109.7	107.6	118.3	104.4	101.2	94.2	112.7	97.0	95.9
Feb	107.0	104.8	115.3	101.7	100.1	94.1	109.7	95.6	94.3
Mar	106.2	104.3	114.2	100.8	100.2	94.2	109.7	95.2	93.8
Apr	105.0	103.1	112.5	99.3	99.5	93.9	108.3	94.4	92.7
May	101.8	100.0	109.0	96.3	98.2	94.0	104.5	93.1	91.2
June	99.8	98.0	106.9	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	108.8	96.0	97.6	94.0	102.9	92.7	91.0
Sep	101.5	99.5	109.2	96.0	97.7	93.9	103.2	92.7	91.0
Oct	105.0	102.6	112.9	99.0	99.1	93.9	107.3	94.2	92.6
Nov	103.7	101.2	111.7	97.7	98.8	94.0	106.1	93.7	92.0
Dec	101.7	99.2	109.3	95.6	97.8	94.0	103.4	92.8	91.0
2011 Jan	101.4	99.0	109.3	95.5	97.8	93.9	103.5	92.4	90.7
Feb	102.4	99.9	110.6	96.5	98.1	93.8	104.5	92.8	91.2
Mar	104.1	101.6	112.3	98.1	98.6	93.8	106.1	93.5	91.9
Apr	105.9	103.4	114.0	99.7	99.6	93.8	108.7	94.4	92.8
May	104.9	102.2	113.2	98.6	99.0	93.7	107.2	93.7	92.1
June	105.0	102.2	113.4	98.7	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	112.9	98.2	98.2	93.6	105.0	93.1	91.9
Sep	102.8	99.9	112.0	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	108.0	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	108.6	94.3	96.9	93.3	101.9	91.2	89.6
Apr	99.5	97.1	108.4	94.2	96.7	93.3	101.5	91.1	89.5
May	98.0	95.7	107.2	93.0	96.0	93.3	99.5	90.4	89.0
June	97.2	94.8	106.6	92.4	95.5	93.1	98.5	89.9	88.5
July	95.3	93.2	104.4	90.6	94.9	93.1	96.8	89.1	87.6
Aug	95.2	93.1	104.3	90.7	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	107.2	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	96.3	108.2	93.5	96.5	93.0	101.6	90.6	89.1
2013 Jan	100.4	98.0	109.8	94.8	97.4	93.1	103.9	91.5	89.9
Feb	101.6	99.1	111.1	p 95.7	98.0	93.1	105.6	92.0	p 90.3
Mar	100.2	97.9	109.4	p 94.4	97.7	93.2	104.4	91.5	p 89.7
Apr	100.4	p 97.9	109.7	p 94.3	p 97.6	p 92.9	p 104.6	p 91.3	p 89.5
May	100.5	p 97.9	109.9	p 94.3	p 97.9	p 93.1	p 105.5	p 91.4	p 89.6

* 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			
					March 2013	April 2013	May 2013	
Afghanistan								
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 50.9650	AFN 54.0600	AFN 54.9000	AFN 55.2900	
		S	USD 1 =	AFN 51.0650	AFN 54.1600	AFN 55.0000	AFN 55.3900	
	AFN	B	EUR 1 =	AFN 65.5450	AFN 68.9100	AFN 71.1500	AFN 71.3900	
		S	EUR 1 =	AFN 65.8050	AFN 69.1700	AFN 71.4100	AFN 71.6500	
	Albania							
	Tirana 070	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 108.09	ALL 109.15	ALL 107.65	ALL 108.16
M			EUR 1 =	ALL 139.11	ALL 139.91	ALL 140.72	ALL 140.45	
Algeria								
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 77.6012	DZD 79.0315	DZD 78.3114	DZD 79.0219	
		S	USD 1 =	DZD 77.6162	DZD 79.0465	DZD 78.3264	DZD 79.0369	
	DZD	B	EUR 1 =	DZD 102.0723	DZD 101.2789	DZD 103.0891	DZD 102.7048	
		S	EUR 1 =	DZD 102.1099	DZD 101.3139	DZD 103.1324	DZD 102.7480	
Angola								
Luanda 330	Kwanza = 100 cêntimos	B	USD 1 =	AOA 95.191	AOA 95.744	AOA 95.805	AOA 95.928	
		S	USD 1 =	AOA 95.667	AOA 96.223	AOA 96.284	AOA 96.408	
	AOA	B	EUR 1 =	AOA 122.768	AOA 122.265	AOA 125.428	AOA 124.208	
		S	EUR 1 =	AOA 123.352	AOA 122.867	AOA 126.017	AOA 124.819	
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 3.4422	XCD 3.5140	XCD 3.4963	
		V, S	EUR 1 =	XCD 3.4907	XCD 3.4790	XCD 3.5515	XCD 3.5336	
Argentina								
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 4.5123	ARS 5.0820	ARS 5.1470	ARS 5.2440	
		S	USD 1 =	ARS 4.5523	ARS 5.1220	ARS 5.1870	ARS 5.2840	
	ARS	B	EUR 1 =	ARS 5.7934	ARS 6.4862	ARS 6.7657	ARS 6.7952	
		S	EUR 1 =	ARS 5.8530	ARS 6.5500	ARS 6.8313	ARS 6.8602	
Armenia								
Yerevan 077	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 401.73	AMD 418.58	AMD 410.98	AMD 417.22	
		M	EUR 1 =	AMD 517.27	AMD 536.54	AMD 537.36	AMD 541.59	
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 228.06	AWG 233.55	AWG 231.64	
		S	EUR 100 =	AWG 232.66	AWG 230.36	AWG 235.90	AWG 233.97	

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		
					March 2013	April 2013	May 2013
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 1.0375	USD 1.0426	USD 1.0368	USD 0.9649
		M	AUD 1 =	EUR 0.8043	EUR 0.8155	EUR 0.7908	EUR 0.7403
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.2805	USD 1.3072	USD 1.3006
Azerbaijan							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 0.7856	AZN 0.7848	AZN 0.7846	AZN 0.7846
		M	EUR 1 =	AZN 1.0112	AZN 1.0034	AZN 1.0275	AZN 1.0228
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 1.24760	BSD 1.31710	BSD 1.29660
		S	EUR 1 =	BSD 1.32017	BSD 1.30640	BSD 1.32370	BSD 1.30310
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 0.4689271	BHD 0.4781033	BHD 0.4752127
		S	EUR 1 =	BHD 0.5011680	BHD 0.4979329	BHD 0.5076767	BHD 0.5046073
Bangladesh 1							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 81.3708	BDT 77.6000	BDT 77.0500	BDT 77.1000
		S	USD 1 =	BDT 82.3502	BDT 78.5900	BDT 78.0400	BDT 78.0900
		B	EUR 1 =	BDT 104.1215	BDT 98.3173	BDT 99.3754	BDT 98.5916
		S	EUR 1 =	BDT 107.5168	BDT 102.2882	BDT 103.2755	BDT 102.6435
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 2.54371	BBD 2.60305	BBD 2.59827
		S	EUR 1 =	BBD 2.61572	BBD 2.59140	BBD 2.65185	BBD 2.64698
Belarus							
Minsk 073	Belarusian rouble BYR	M	USD 1 =	BYR 8,342.50	BYR 8,680.00	BYR 8,650.00	BYR 8,700.00
		M	EUR 1 =	BYR 10,734.17	BYR 11,110.00	BYR 11,320.00	BYR 11,250.00

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		
					March 2013	April 2013	May 2013
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.2805	USD 1.3072	USD 1.3006
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 2.5398	BZD 2.5921	BZD 2.5759
			EUR 1 =	BZD 2.6026	BZD 2.5846	BZD 2.6379	BZD 2.6213
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 1.2754	BMD 1.3020	BMD 1.2954
			EUR 1 =	BMD 1.2903	BMD 1.2860	BMD 1.3128	BMD 1.3062
Bhutan ¹							
Thimphu 675	Ngultrum = 100 chhetrum BTN	B S	USD 1 =	BTN 53.39	BTN 54.15	BTN 54.11	BTN 56.02
			USD 1 =	BTN 53.77	BTN 54.53	BTN 54.49	BTN 56.41
		B S	EUR 1 =	BTN 68.89	BTN 69.43	BTN 70.82	BTN 72.68
			EUR 1 =	BTN 69.35	BTN 69.90	BTN 71.31	BTN 73.18
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 8.7842	BOB 8.9674	BOB 8.9221
			EUR 1 =	BOB 8.9439	BOB 8.9123	BOB 9.0981	BOB 9.0522
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga BAM	B S	USD 1 =	BAM 1.511291	BAM 1.523578	BAM 1.487791	BAM 1.507217
			USD 1 =	BAM 1.518866	BAM 1.531214	BAM 1.495249	BAM 1.514771
		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 0.1213	USD 0.1234	USD 0.1153
			BWP 1 =	USD 0.1314	USD 0.1210	USD 0.1231	USD 0.1150
		B S	BWP 1 =	EUR 0.1019	EUR 0.0948	EUR 0.0944	EUR 0.0887
			BWP 1 =	EUR 0.1017	EUR 0.0946	EUR 0.0941	EUR 0.0884

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		
					March 2013	April 2013	May 2013
Brazil							
Brasilia 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 1.9544	BRL 2.0132	BRL 2.0011	BRL 2.1314
		S	USD 1 =	BRL 1.9550	BRL 2.0138	BRL 2.0017	BRL 2.1319
	BRL	B	EUR 1 =	BRL 2.5267	BRL 2.5843	BRL 2.6354	BRL 2.7668
		S	EUR 1 =	BRL 2.5277	BRL 2.5853	BRL 2.6364	BRL 2.7676
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.2350	BND 1.2306	BND 1.2234	BND 1.2553
		S	USD 1 =	BND 1.2560	BND 1.2515	BND 1.2444	BND 1.2763
	BND	B	EUR 1 =	BND 1.5838	BND 1.5645	BND 1.5904	BND 1.6127
		S	EUR 1 =	BND 1.6405	BND 1.6210	BND 1.6469	BND 1.6692
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.52364	BGN 1.52740	BGN 1.49620	BGN 1.50379
		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 1,555.9632	BIF 1,538.0739	BIF 1,524.4416
		S	USD 1 =	BIF 1,468.7426	BIF 1,587.3968	BIF 1,569.1461	BIF 1,555.2384
	BIF	B	EUR 1 =	BIF 1,851.3854	BIF 1,995.1338	BIF 2,014.3384	BIF 1,987.9481
		S	EUR 1 =	BIF 1,898.2559	BIF 2,035.4396	BIF 2,055.0322	BIF 2,028.1087
Cambodia							
Phnom Penh 696	Riel = 100 sen KHR	M	USD 1 =	KHR 4,034	KHR 3,995	KHR 4,020	KHR 4,065
		B	EUR 1 =	KHR 5,201	KHR 5,119	KHR 5,263	KHR 5,300
		S	EUR 1 =	KHR 5,201	KHR 5,170	KHR 5,316	KHR 5,353
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 1.0156	CAD 1.0072	CAD 1.0339
		M	EUR 1 =	CAD 1.2898	CAD 1.3042	CAD 1.3265	CAD 1.3427
Cape Verde							
Praia 247	Cape Verde escudo = 100 centavos CVE	B	USD 1 =	CVE 85.447	CVE 86.259	CVE 83.987	CVE 85.085
		S	USD 1 =	CVE 85.649	CVE 86.461	CVE 84.189	CVE 85.287
		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		
					March 2013	April 2013	May 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 1.0671	KYD 1.0893	KYD 1.0838
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 472.54	CLP 471.54	CLP 492.80
		M	EUR 1 =	CLP 624.33	CLP 603.81	CLP 617.44	CLP 642.84
China							
Peking / Beijing 720	Chinese yuan renminbi = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.3128	CNY 6.2689	CNY 6.2208	CNY 6.1796
		M	EUR 1 =	CNY 8.1423	CNY 8.0383	CNY 8.0917	CNY 8.0622
		M	HKD 1 =	CNY 0.81380	CNY 0.80760	CNY 0.80119	CNY 0.79599
China (Taiwan)							
Taipeh 736	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 29.48	TWD 29.81	TWD 29.40	TWD 29.88
		S	USD 1 =	TWD 29.58	TWD 29.91	TWD 29.50	TWD 29.98
		B	EUR 1 =	TWD 37.78	TWD 38.11	TWD 38.36	TWD 38.85
		S	EUR 1 =	TWD 38.18	TWD 38.51	TWD 38.76	TWD 39.25
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	B	USD 1 =	COP 1,794.93	COP 1,831.30	COP 1,828.35	COP 1,891.01
		S	USD 1 =	COP 1,795.84	COP 1,833.10	COP 1,829.23	COP 1,891.95
		V, B	EUR 1 =	COP 2,306.34	COP 2,344.98	COP 2,390.02	COP 2,459.45
		V, S	EUR 1 =	COP 2,307.52	COP 2,347.28	COP 2,391.17	COP 2,460.67
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		
					March 2013	April 2013	May 2013
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 900.5358	CDF 897.9751	CDF 900.3985	CDF 899.7953
		S	USD 1 =	CDF 937.2923	CDF 934.6272	CDF 937.1495	CDF 936.5216
	CDF	B	EUR 1 =	CDF 1,161.1351	CDF 1,149.7094	CDF 1,178.2258	CDF 1,167.2344
		S	EUR 1 =	CDF 1,208.5644	CDF 1,196.6363	CDF 1,226.3167	CDF 1,214.8767
Cook Islands ¹							
Avarua 837	Cook Islands dollar = 100 cents NZD	² B	NZD 1 =	EUR 0.6404	EUR 0.6673	EUR 0.6669	EUR 0.6328
		S	NZD 1 =	EUR 0.6183	EUR 0.6425	EUR 0.6423	EUR 0.6092
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 497.23	CRC 492.72	CRC 493.36	CRC 493.22
		S	USD 1 =	CRC 508.28	CRC 504.65	CRC 504.46	CRC 504.20
	CRC	V, B	EUR 1 =	CRC 643.1158	CRC 630.9280	CRC 644.9202	CRC 641.4819
		V, S	EUR 1 =	CRC 657.4196	CRC 646.2043	CRC 659.4301	CRC 655.7625
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 5.901051	HRK 5.794370	HRK 5.843593
		S	USD 1 =	HRK 5.865864	HRK 5.936563	HRK 5.829240	HRK 5.878761
	HRK	B	EUR 1 =	HRK 7.505111	HRK 7.563967	HRK 7.577876	HRK 7.533561
		S	EUR 1 =	HRK 7.550278	HRK 7.609487	HRK 7.623480	HRK 7.578899
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 1.23510	CUC 1.26636	CUC 1.26050
		S	EUR 1 =	CUC 1.33220	CUC 1.31827	CUC 1.35148	CUC 1.34521
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 228.06	ANG 233.55	ANG 231.64
		S	EUR 100 =	ANG 234.98	ANG 232.66	ANG 238.26	ANG 236.31
Cyprus ¹							
Nicosia 600	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.2805	USD 1.3072	USD 1.3006
Czech Republic							
Prague 061	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 19.583	CZK 20.072	CZK 19.733	CZK 19.769
		M	EUR 1 =	CZK 25.115	CZK 25.735	CZK 25.795	CZK 25.710

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		
					March 2013	April 2013	May 2013
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 579.72	DKK 583.71	DKK 570.38	DKK 573.25
			EUR 100 =	DKK 744.52	DKK 745.28	DKK 745.60	DKK 745.57
Djibouti							
Djibouti 338	Djibouti franc = 100 centimes DJF	B S	USD 1 =	DJF 176.832	DJF 176.832	DJF 176.832	DJF 176.832
			USD 1 =	DJF 179.498	DJF 179.498	DJF 179.498	
		B S	EUR 1 =	DJF 226.77	DJF 223.67	DJF 229.96	DJF 227.55
			EUR 1 =	DJF 235.41	DJF 234.34	DJF 238.50	DJF 236.02
Dominica							
Roseau 460	East Caribbean dollar = 100 cents XCD	B S	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
			USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	
		V, B V, S	EUR 1 =	XCD 3.4538	XCD 3.4422	XCD 3.5140	XCD 3.4963
			EUR 1 =	XCD 3.4907	XCD 3.4790	XCD 3.5515	XCD 3.5336
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B S	USD 1 =	DOP 39.2889	DOP 41.0212	DOP 41.0409	DOP 41.2034
			USD 1 =	DOP 39.3785	DOP 41.1154	DOP 41.1364	DOP 41.3011
		V, B V, S	EUR 1 =	DOP 50.8090	DOP 52.5276	DOP 53.6487	DOP 53.5891
			EUR 1 =	DOP 50.9253	DOP 52.6483	DOP 53.7735	DOP 53.7162
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B S	USD 1 =	EGP 6.0758	EGP 6.8030	EGP 6.9344	EGP 6.9837
			USD 1 =	EGP 6.1016	EGP 6.8331	EGP 6.9645	EGP 7.0138
		B S	EUR 1 =	EGP 7.7897	EGP 8.6864	EGP 9.0552	EGP 9.0589
			EUR 1 =	EGP 7.9739	EGP 8.8991	EGP 9.4605	EGP 9.5579
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 11.2044	SVC 11.4380	SVC 11.3803
Equatorial Guinea ¹							
Malabo 310	CFA franc XAF	²	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Eritrea							
Asmara 336	Nakfa = 100 cents ERN	B S	USD 1 =	ERN 15.0000	ERN 15.0000	ERN 15.0000	ERN 15.0000
			USD 1 =	ERN 15.7500	ERN 15.7500	ERN 15.7500	
		B S	EUR 1 =	ERN 19.3804	ERN 19.2150	ERN 19.6230	ERN 19.4760
			EUR 1 =	ERN 20.1399	ERN 19.9745	ERN 20.3825	ERN 20.2355
Estonia							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.2805	USD 1.3072	USD 1.3006

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		
					March 2013	April 2013	May 2013
Ethiopia							
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 17.737600	ETB 18.4048	ETB 18.4929	ETB 18.5734
		S	USD 1 =	ETB 18.092358	ETB 18.7729	ETB 18.8628	ETB 18.9449
	ETB	B	EUR 1 =	ETB 22.886367	ETB 23.6281	ETB 24.2072	ETB 24.0897
S		EUR 1 =	ETB 23.344083	ETB 24.1007	ETB 24.6914	ETB 24.5715	
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 0.5684	USD 0.5672	USD 0.5485
		S	FJD 1 =	USD 0.5506	USD 0.5514	USD 0.5502	USD 0.5315
	FJD	B	FJD 1 =	EUR 0.4396	EUR 0.4437	EUR 0.4336	EUR 0.4196
		S	FJD 1 =	EUR 0.4276	EUR 0.4317	EUR 0.4216	EUR 0.4076
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.2805	USD 1.3072	USD 1.3006
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.2805	USD 1.3072	USD 1.3006
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 33.60	GMD 34.30	GMD 34.80
		S	USD 1 =	.	GMD 34.90	GMD 35.30	GMD 35.90
	GMD	B	EUR 1 =	.	GMD 43.55	GMD 43.80	GMD 43.90
		S	EUR 1 =	.	GMD 44.60	GMD 45.40	GMD 45.00
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 =	GEL 1.6524	GEL 1.6597	GEL 1.6508	GEL 1.6411
		M	EUR 1 =	GEL 2.1268	GEL 2.1246	GEL 2.1602	GEL 2.1297
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.2805	USD 1.3072	USD 1.3006

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		
					March 2013	April 2013	May 2013
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas	B	USD 1 =	GHS 1.8191	GHS 1.9372	GHS 1.9661	GHS 1.9710
		S	USD 1 =	GHS 1.8535	GHS 1.9398	GHS 1.9686	GHS 1.9735
	GHS	B	EUR 1 =	GHS 2.3494	GHS 2.4766	GHS 2.5748	GHS 2.5716
S		EUR 1 =	GHS 2.3937	GHS 2.4802	GHS 2.5784	GHS 2.5734	
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 1.2805	USD 1.3072	USD 1.3006
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 V, S	EUR 1 = EUR 1 =	XCD 3.4538 XCD 3.4907	XCD 3.4422 XCD 3.4790	XCD 3.5140 XCD 3.5515	XCD 3.4963 XCD 3.5336
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ		M USD 1 =	GTQ 7.83980	GTQ 7.77744	GTQ 7.78443	GTQ 7.79449
			V, M EUR 1 =	GTQ 10.13717	GTQ 9.95901	GTQ 10.17581	GTQ 10.13751
Guinea							
Conakry 260	Guinean franc	B	USD 1 =	GNF 6,664.2067	GNF 6,583.9650	GNF 6,550.1453	GNF 6,534.1852
		S	USD 1 =	GNF 7,076.4257	GNF 6,991.2205	GNF 6,955.3090	GNF 6,938.3617
	GNF	B S	EUR 1 = EUR 1 =	GNF 8,612.2704 GNF 9,144.9881	GNF 8,562.4464 GNF 9,092.0823	GNF 8,565.1665 GNF 9,094.9706	GNF 8,499.0147 GNF 9,024.7270
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 204.99	GYD 204.49	GYD 205.24
		S	USD 1 =	GYD 206.27	GYD 207.43	GYD 206.92	GYD 207.68
	GYD	B S	EUR 1 = EUR 1 =	GYD 263.48 GYD 266.82	GYD 262.18 GYD 265.51	GYD 267.22 GYD 270.61	GYD 266.58 GYD 269.96

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		
					March 2013	April 2013	May 2013
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 42.0110	HTG 43.0166	HTG 43.3461	HTG 43.6803
		V, M	EUR 1 =	HTG 54.3233	HTG 55.0828	HTG 56.6620	HTG 56.8106
Honduras							
Tegucigalpa 424	Lempira = 100 centavos HNL	B	USD 1 =	HNL 19.5386	HNL 20.1805	HNL 20.2563	HNL 20.3399
		S	USD 1 =	HNL 19.6750	HNL 20.3216	HNL 20.3973	HNL 20.4820
		V, B	EUR 1 =	HNL 25.2644	HNL 25.8411	HNL 26.4790	HNL 26.4541
		V, S	EUR 1 =	HNL 25.4407	HNL 26.0218	HNL 26.6634	HNL 26.6389
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.74472	HKD 7.74700	HKD 7.74910	HKD 7.75180
		S	USD 1 =	HKD 7.76801	HKD 7.77810	HKD 7.77120	HKD 7.77390
		B	EUR 1 =	HKD 9.99419	HKD 9.87998	HKD 10.14038	HKD 10.08638
		S	EUR 1 =	HKD 10.06214	HKD 10.02142	HKD 10.20032	HKD 10.14642
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 225.37	HUF 237.36	HUF 229.75	HUF 227.91
		M	EUR 1 =	HUF 288.05	HUF 304.30	HUF 300.03	HUF 296.63
Iceland							
Reykjavik 024	Icelandic krona ISK	B	USD 1 =	ISK 126.59	ISK 124.35	ISK 116.71	ISK 122.47
		S	USD 1 =	ISK 127.20	ISK 124.95	ISK 117.27	ISK 123.05
		B	EUR 1 =	ISK 160.29	ISK 158.96	ISK 152.48	ISK 159.04
		S	EUR 1 =	ISK 161.18	ISK 159.84	ISK 153.34	ISK 159.92
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	B	USD 1 =	INR 52.99	INR 53.98	INR 53.73	INR 56.03
		S	USD 1 =	INR 53.82	INR 54.80	INR 54.55	INR 56.86
		B	EUR 1 =	INR 68.23	INR 68.69	INR 70.12	INR 72.70
		S	EUR 1 =	INR 69.80	INR 70.28	INR 71.73	INR 74.34
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 9,359.88	IDR 9,670.00	IDR 9,673.00	IDR 9,753.00
		S	USD 1 =	IDR 9,453.71	IDR 9,768.00	IDR 9,771.00	IDR 9,851.00
		B	EUR 1 =	IDR 12,098.85	IDR 12,360.19	IDR 12,663.89	IDR 12,718.89
		S	EUR 1 =	IDR 12,223.43	IDR 12,486.43	IDR 12,795.12	IDR 12,848.66
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 15,719	IRR 16,047	IRR 15,888

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

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month			
					March 2013	April 2013	May 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 1,492.316	IQD 1,528.211	IQD 1,509.448	
		S	EUR 1 =	IQD 1,501.973	IQD 1,493.063	IQD 1,528.976	IQD 1,510.203	
	Ireland							
	Dublin 007	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.2805	USD 1.3072	USD 1.3006
Israel								
Jerusalem 624	New Israeli sheqel = 100 agorot ILS	M	USD 1 =	ILS 3.8580	ILS 3.6480	ILS 3.5940	ILS 3.6830	
		M	EUR 1 =	ILS 4.9645	ILS 4.6612	ILS 4.6956	ILS 4.7988	
Italy								
Rome 005	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.2805	USD 1.3072	USD 1.3006	
Jamaica								
Kingston 464	Jamaican dollar = 100 cents	B	USD 1 =	JMD 88.7233	JMD 97.9353	JMD 98.7650	JMD 98.6611	
		S	USD 1 =	JMD 89.2293	JMD 98.8865	JMD 99.3481	JMD 99.4495	
	JMD	B	EUR 1 =	JMD 114.3491	JMD 125.0563	JMD 129.3589	JMD 128.8326	
		S	EUR 1 =	JMD 114.9744	JMD 126.0526	JMD 130.1672	JMD 129.6835	
Japan								
Tokyo 732	Japanese yen = 100 sen	B	USD 1 =	JPY 78.75	JPY 93.32	JPY 96.92	JPY 100.18	
		S	USD 1 =	JPY 80.75	JPY 95.32	JPY 98.92	JPY 102.18	
	JPY	B	EUR 1 =	JPY 101.96	JPY 119.01	JPY 126.68	JPY 130.46	
		S	EUR 1 =	JPY 104.96	JPY 122.01	JPY 129.68	JPY 133.46	
Jordan								
Amman 628	Jordanian dinar = 1,000 fils	B	USD 1 =	JOD 0.7080	JOD 0.7080	JOD 0.7080	JOD 0.7080	
		S	USD 1 =	JOD 0.7100	JOD 0.7100	JOD 0.7100	JOD 0.7100	
	JOD	B	EUR 1 =	JOD 0.91113	JOD 0.90596	JOD 0.92444	JOD 0.91573	
		S	EUR 1 =	JOD 0.91907	JOD 0.91136	JOD 0.93152	JOD 0.92343	
Kazakhstan								
Astana 079	Tenge = 100 tiyn KZT	M	USD 1 =	KZT 149.16	KZT 150.84	KZT 151.24	KZT 151.08	
		M	EUR 1 =	KZT 191.85	KZT 193.33	KZT 197.94	KZT 195.85	
Kenya ¹								
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 84.5576	KES 85.5539	KES 83.7194	KES 85.0361	
		S	USD 1 =	KES 84.7455	KES 85.7233	KES 83.9222	KES 85.2111	
	KES	B	EUR 1 =	KES 109.2470	KES 109.4323	KES 109.8158	KES 110.7919	
		S	EUR 1 =	KES 109.5186	KES 109.6772	KES 110.0811	KES 111.0489	

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		
					March 2013	April 2013	May 2013
Kiribati ¹							
Bairiki / Tarawa 812	Australian dollar / Kiribati = 100 cents AUD	² M	AUD 1 =	EUR 0.8043	EUR 0.8155	EUR 0.7908	EUR 0.7403
Korea, Democratic People's Republic of							
Pyongyang 724	North Korean won = 100 chon KPW	B S M	USD 1 = USD 1 = USD 1 =	KPW 101.28 KPW 101.80 .	KPW 101.00 KPW 101.84 .	. . .	. . KPW 100.00
		B S M	EUR 1 = EUR 1 = EUR 1 =	KPW 130.28 KPW 130.95 .	KPW 129.80 KPW 130.88 .	. . .	. . KPW 128.45
Korea, Republic of							
Seoul 728	South Korean won = 100 chon KRW	B S	USD 1 = USD 1 =	KRW 1,115.11 KRW 1,137.09	KRW 1,101.80 KRW 1,123.60	KRW 1,090.50 KRW 1,111.90	KRW 1,118.70 KRW 1,140.70
		B S	EUR 1 = EUR 1 =	KRW 1,431.95 KRW 1,460.87	KRW 1,408.80 KRW 1,437.26	KRW 1,429.56 KRW 1,458.44	KRW 1,458.18 KRW 1,487.62
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils KWD	B S	USD 1 = USD 1 =	KWD 0.27847 KWD 0.28228	KWD 0.28430 KWD 0.28640	KWD 0.28305 KWD 0.28665	KWD 0.28430 KWD 0.28840
		B S	EUR 1 = EUR 1 =	KWD 0.359199 KWD 0.364109	KWD 0.364430 KWD 0.367122	KWD 0.370102 KWD 0.374809	KWD 0.368282 KWD 0.373593
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tyjyn KGS	M M	USD 1 = EUR 1 =	KGS 46.9602 KGS 60.4458	KGS 47.9610 KGS 61.4884	KGS 48.1717 KGS 63.0543	KGS 48.2300 KGS 62.5230
Lao People's Democratic Republic							
Vientiane 684	Kip LAK	B S	USD 1 = USD 1 =	LAK 7,987 LAK 8,023	LAK 7,735 LAK 7,770	LAK 7,634 LAK 7,670	LAK 7,671 LAK 7,707
		B S	EUR 1 = EUR 1 =	LAK 10,292 LAK 10,341	LAK 9,939 LAK 9,986	LAK 9,985 LAK 10,032	LAK 9,997 LAK 10,044
Latvia							
Riga 054	Latvian lats = 100 santims LVL	M M	USD 1 = EUR 1 =	LVL 0.5469 LVL 0.702804	LVL 0.5470 LVL 0.702804	LVL 0.5390 LVL 0.702804	LVL 0.5420 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 1,931.26	LBP 1,507.50 LBP 1,971.36	LBP 1,507.50 LBP 1,961.86

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		
					March 2013	April 2013	May 2013
Lesotho ¹							
Maseru 395	Loti = 100 lisente LSL	M	USD 1 =	LSL 8.1972	LSL 9.2960	LSL 8.9625 ²	LSL 10.1403
		M	EUR 1 =	LSL 10.5883	LSL 11.8752	LSL 11.6982 ²	LSL 13.1695
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents LRD	B	USD 1 =	LRD 73.17	LRD 74.00	LRD 74.50	LRD 75.50
		S	USD 1 =	LRD 74.17	LRD 75.00	LRD 75.50	LRD 76.50
		V, B	EUR 1 =	LRD 94.6024	LRD 94.7570	LRD 97.3864	LRD 98.1953
		V, S	EUR 1 =	LRD 95.8956	LRD 96.0375	LRD 98.6936	LRD 99.4959
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham LYD	B	USD 1 =	LYD 1.2566	LYD 1.2873	LYD 1.2762	LYD 1.2872
		S	USD 1 =	LYD 1.2629	LYD 1.2938	LYD 1.2826	LYD 1.2937
		B	EUR 1 =	LYD 1.6218	LYD 1.6461	LYD 1.6731	LYD 1.6701
		S	EUR 1 =	LYD 1.6300	LYD 1.6543	LYD 1.6815	LYD 1.6785
Lithuania							
Vilnius 055	Lithuanian litas = 100 centas LTL	M	USD 1 =	LTL 2.6870	LTL 2.6984	LTL 2.6433	LTL 2.6635
		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 1.2805	USD 1.3072	USD 1.3006
Macao ¹							
Macao 743	Pataca = 100 avos MOP	B	USD 1 =	MOP 7.9392	MOP 7.9460	MOP 7.9441	MOP 7.9465
		S	USD 1 =	MOP 8.0390	MOP 8.0459	MOP 8.0440	MOP 8.0464
		B	EUR 1 =	MOP 10.2481	MOP 10.1550	MOP 10.4011	MOP 10.3613
		S	EUR 1 =	MOP 10.3770	MOP 10.2827	MOP 10.5320	MOP 10.4917
Macedonia ¹							
Skopje 095	Macedonian denar = 100 deni MKD	B	USD 1 =	MKD 47.6094	MKD 47.8141	MKD 46.7774	MKD 47.3920
		S	USD 1 =	MKD 48.0879	MKD 48.2946	MKD 47.2476	MKD 47.8683
		B	EUR 1 =	MKD 61.2187	MKD 61.3072	MKD 61.3393	MKD 61.3442
		S	EUR 1 =	MKD 61.8339	MKD 61.9234	MKD 61.9557	MKD 61.9608
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 2,196.26	MGA 2,234.26	MGA 2,174.89	MGA 2,196.81
		M	EUR 1 =	MGA 2,824.67	MGA 2,874.49	MGA 2,846.62	MGA 2,858.11
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala MWK	B	USD 1 =	MWK 250.9565	MWK 401.1297	MWK 392.7520	MWK 318.3547
		S	USD 1 =	MWK 256.0263	MWK 409.2333	MWK 400.6864	MWK 339.9469
		B	EUR 1 =	MWK 322.5716	MWK 512.6437	MWK 514.4659	MWK 415.4528
		S	EUR 1 =	MWK 329.0882	MWK 523.0002	MWK 524.8591	MWK 443.6308

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		
					March 2013	April 2013	May 2013
Malaysia							
Kuala Lumpur Seat of Government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 3.0568	MYR 3.0605	MYR 2.9957	MYR 3.0347
		S	USD 1 =	MYR 3.1220	MYR 3.1285	MYR 3.0623	MYR 3.1023
	MYR	B	EUR 1 =	MYR 3.9294	MYR 3.9034	MYR 3.9154	MYR 3.9514
		S	EUR 1 =	MYR 4.0329	MYR 4.0062	MYR 4.0185	MYR 4.0555
Maldives							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.39	MVR 15.41	MVR 15.36	MVR 15.40
		V, M	EUR 1 =	MVR 19.90514	MVR 19.73251	MVR 20.07859	MVR 20.02924
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 1.2805	USD 1.3072	USD 1.3006
Mauritania							
Nouakchott 228	Ouguiya = 5 khoums MRO	B	USD 1 =	MRO 295.46	MRO 298.13	MRO 299.20	MRO 302.79
		S	USD 1 =	MRO 298.42	MRO 301.12	MRO 302.20	MRO 305.83
	MRO	B	EUR 1 =	MRO 380.73	MRO 382.47	MRO 391.96	MRO 392.42
		S	EUR 1 =	MRO 384.54	MRO 386.31	MRO 395.89	MRO 396.35
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 29.3421	MUR 30.5930	MUR 30.4472	MUR 30.5751
		S	USD 1 =	MUR 30.6656	MUR 31.5129	MUR 31.3593	MUR 31.4603
	MUR	B	EUR 1 =	MUR 37.8922	MUR 39.2282	MUR 39.8669	MUR 39.8396
		S	EUR 1 =	MUR 39.6217	MUR 40.4171	MUR 41.0635	MUR 41.0321
Mexico							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 13.1501	MXN 12.3319	MXN 12.1391	MXN 12.8011
		S	USD 1 =	MXN 13.1531	MXN 12.3339	MXN 12.1411	MXN 12.8041
	MXN	V, B	EUR 1 =	MXN 16.9621	MXN 15.7910	MXN 15.8682	MXN 16.6491
		V, S	EUR 1 =	MXN 16.9657	MXN 15.7936	MXN 15.8708	MXN 16.6530
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 12.1134	MDL 12.4050	MDL 12.3113	MDL 12.5156
		M	EUR 1 =	MDL 15.5712	MDL 15.8902	MDL 16.1050	MDL 16.2509
Mongolia							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 1,359.82	MNT 1,410.32	MNT 1,436.12	MNT 1,442.20
		M	EUR 1 =	MNT 1,756.31	MNT 1,806.97	MNT 1,879.23	MNT 1,879.84

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			
					March 2013	April 2013	May 2013	
Morocco								
Rabat 204	Moroccan dirham = 100 centimes	B	USD 1 =	MAD 8.5939	MAD 8.6240	MAD 8.4828	MAD 8.5273	
		S	USD 1 =	MAD 8.6456	MAD 8.6758	MAD 8.5338	MAD 8.5786	
	MAD	B	EUR 1 =	MAD 11.060	MAD 11.051	MAD 11.093	MAD 11.080	
		S	EUR 1 =	MAD 11.126	MAD 11.118	MAD 11.159	MAD 11.146	
	Mozambique							
	Maputo 366	Metical = 100 centavos	B	USD 1 =	MZN 28.21	MZN 29.98	MZN 29.92	MZN 29.81
S			USD 1 =	MZN 28.41	MZN 30.18	MZN 30.12	MZN 30.01	
MZN		B	EUR 1 =	MZN 36.51	MZN 38.44	MZN 39.12	MZN 38.71	
		S	EUR 1 =	MZN 36.77	MZN 38.69	MZN 39.38	MZN 38.97	
Myanmar								
Nay Pyi Taw 676		Kyat = 100 pyas MMK	M	USD 1 =	.	MMK 876.50	MMK 891.50	MMK 942.50
	V, M		EUR 1 =	.	MMK 1,122.36	MMK 1,165.37	MMK 1,225.82	
Namibia ¹								
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 8.1898	NAD 9.2790	NAD 8.9864	NAD 10.2300	
		M	EUR 1 =	NAD 10.5691	NAD 11.8779	NAD 11.7412	NAD 13.3066	
Nepal								
Kathmandu 672	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 85.30	NPR 86.55	NPR 86.61	NPR 89.46	
		S	USD 1 =	NPR 85.90	NPR 87.15	NPR 87.21	NPR 90.06	
	NPR	B	EUR 1 =	NPR 110.14	NPR 110.92	NPR 113.41	NPR 116.09	
		S	EUR 1 =	NPR 110.91	NPR 111.69	NPR 114.19	NPR 116.87	
	Netherlands							
	Amsterdam Seat of Government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.2805	USD 1.3072	USD 1.3006
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 0.8500	USD 0.8708	USD 0.8222	
		S	NZD 1 =	USD 0.8008	USD 0.8246	USD 0.8449	USD 0.7973	
	NZD	B	NZD 1 =	EUR 0.6404	EUR 0.6673	EUR 0.6669	EUR 0.6328	
		S	NZD 1 =	EUR 0.6183	EUR 0.6425	EUR 0.6423	EUR 0.6092	

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		
					March 2013	April 2013	May 2013
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 23.5930	NIO 24.4175	NIO 24.5156	NIO 24.6174
		V, M	EUR 1 =	NIO 30.5067	NIO 31.2666	NIO 32.0468	NIO 32.0174
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 154.75	NGN 154.74
		S	USD 1 =	NGN 155.93	NGN 155.75	NGN 155.75	NGN 155.74
		B	EUR 1 =	NGN 199.5318	NGN 198.2348	NGN 202.3975	NGN 201.1929
		S	EUR 1 =	NGN 200.8197	NGN 199.5158	NGN 203.7054	NGN 202.4931
Norway							
Oslo 028	Norwegian krone = 100 øre NOK	B	USD 1 =	NOK 5.8116	NOK 5.8206	NOK 5.8144	NOK 5.8255
		S	USD 1 =	NOK 5.8338	NOK 5.8456	NOK 5.8394	NOK 5.8555
		B	EUR 1 =	NOK 7.4584	NOK 7.4627	NOK 7.6045	NOK 7.5963
		S	EUR 1 =	NOK 7.4889	NOK 7.4987	NOK 7.6405	NOK 7.6363
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 0.4920576	OMR 0.5027712	OMR 0.4976256
		S	EUR 1 =	OMR 0.4977216	OMR 0.4937240	OMR 0.5041960	OMR 0.4990370
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa PKR	B	USD 1 =	PKR 93.20	PKR 98.10	PKR 98.15	PKR 98.25
		S	USD 1 =	PKR 93.40	PKR 98.30	PKR 98.35	PKR 98.45
		B	EUR 1 =	PKR 119.95	PKR 125.85	PKR 128.54	PKR 128.11
		S	EUR 1 =	PKR 120.21	PKR 126.10	PKR 128.80	PKR 128.37
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 0.4892	USD 0.4877	USD 0.4746
		S	PGK 1 =	USD 0.4615	USD 0.4378	USD 0.4363	USD 0.4171
		B	PGK 1 =	EUR 0.3854	EUR 0.3805	EUR 0.3726	EUR 0.3636
		S	PGK 1 =	EUR 0.3649	EUR 0.3409	EUR 0.3330	EUR 0.3191

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		
					March 2013	April 2013	May 2013
Paraguay							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 4,422.27	PYG 4,006.88	PYG 4,111.62	PYG 4,290.60
		S	USD 1 =	PYG 4,432.49	PYG 4,015.41	PYG 4,111.72	PYG 4,298.94
	PYG	V, B	EUR 1 =	PYG 5,681.95	PYG 5,115.98	PYG 5,374.71	PYG 5,580.35
V, S		EUR 1 =	PYG 5,695.16	PYG 5,126.88	PYG 5,374.84	PYG 5,591.20	
Peru							
Lima 504	Nuevo sol = 100 céntimos	B	USD 1 =	PEN 2.639	PEN 2.589	PEN 2.645	PEN 2.730
		S	USD 1 =	PEN 2.640	PEN 2.589	PEN 2.646	PEN 2.734
	PEN	B	EUR 1 =	PEN 3.346	PEN 3.217	PEN 3.340	PEN 3.449
		S	EUR 1 =	PEN 3.552	PEN 3.414	PEN 3.496	PEN 3.603
Philippines							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 41.79659	PHP 40.26960	PHP 40.61999	PHP 41.71062
		S	USD 1 =	PHP 42.51549	PHP 41.33040	PHP 41.69002	PHP 42.80938
	PHP	B	EUR 1 =	PHP 53.54778	PHP 51.77865	PHP 53.21218	PHP 54.41150
S		EUR 1 =	PHP 55.00496	PHP 53.14263	PHP 54.61392	PHP 55.84484	
Poland							
Warsaw 060	Polish zloty = 100 groszy PLN	M	USD 1 =	PLN 3.2581	PLN 3.2590	PLN 3.1721	PLN 3.2953
		M	EUR 1 =	PLN 4.1736	PLN 4.1774	PLN 4.1429	PLN 4.2902
Portugal							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.2805	USD 1.3072	USD 1.3006
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 4.595	QAR 4.693	QAR 4.671
S		EUR 1 =	QAR 4.778	QAR 4.740	QAR 4.840	QAR 4.819	
Romania							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 3.4704	RON 3.4455	RON 3.3075	RON 3.3737
		M	EUR 1 =	RON 4.4513	RON 4.4154	RON 4.3237	RON 4.3794
Russian Federation							
Moscow 075	Russian rouble = 100 kopeken RUB	M	USD 1 =	RUB 31.0739	RUB 31.0834	RUB 31.2559	RUB 31.5893
		M	EUR 1 =	RUB 39.9967	RUB 39.8023	RUB 40.8358	RUB 40.9650

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		
					March 2013	April 2013	May 2013
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 609.900652	RWF 630.665503	RWF 633.925460	RWF 635.879515
		S	USD 1 =	RWF 619.737759	RWF 640.837527	RWF 644.150064	RWF 646.135637
	RWF	B	EUR 1 =	RWF 784.159222	RWF 805.296781	RWF 829.237894	RWF 825.625963
		S	EUR 1 =	RWF 796.806952	RWF 818.285439	RWF 842.612698	RWF 838.942511
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 3.4422	XCD 3.5140	XCD 3.4963
		V, S	EUR 1 =	XCD 3.4907	XCD 3.4790	XCD 3.5515	XCD 3.5336
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 3.4422	XCD 3.5140	XCD 3.4963
		V, S	EUR 1 =	XCD 3.4907	XCD 3.4790	XCD 3.5515	XCD 3.5336
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 3.4422	XCD 3.5140	XCD 3.4963
		V, S	EUR 1 =	XCD 3.4907	XCD 3.4790	XCD 3.5515	XCD 3.5336
Samoa							
Apia 819	Tala = 100 sene	B	WST 1 =	USD 0.4451	USD 0.4461	USD 0.4534	USD 0.4391
		S	WST 1 =	USD 0.4281	USD 0.4291	USD 0.4364	USD 0.4221
	WST	B	WST 1 =	EUR 0.3618	EUR 0.3588	EUR 0.3648 r	EUR 0.3548
		S	WST 1 =	EUR 0.3211	EUR 0.3138	EUR 0.3198 r	EUR 0.3098
Sao Tome and Principe ¹							
São Tomé 311	Dobra = 100 céntimos	B	USD 1 =	STD 19,026.23	STD 19,133.15	STD 18,683.75	STD 18,927.69
		S	USD 1 =	STD 19,311.62	STD 19,420.15	STD 18,964.01	STD 19,211.60
	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 4.6644	SAR 4.7926	SAR 4.7439
		S	EUR 1 =	SAR 5.0116	SAR 4.9649	SAR 5.0528	SAR 5.0015

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		
					March 2013	April 2013	May 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 87.1635	RSD 84.1369	RSD 85.3535
		S	USD 1 =	RSD 88.2375	RSD 87.6881	RSD 84.6433	RSD 85.8671
	RSD	B	EUR 1 =	RSD 112.8400	RSD 111.6216	RSD 110.2110	RSD 111.2753
		S	EUR 1 =	RSD 113.5191	RSD 112.2934	RSD 110.8742	RSD 111.9449
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 13.4197	SCR 11.4245	SCR 11.5291	SCR 11.6506
		S	USD 1 =	SCR 13.8702	SCR 11.7112	SCR 11.9968	SCR 12.0550
	SCR	B	EUR 1 =	SCR 17.4614	SCR 14.7976	SCR 15.0673	SCR 15.2817
		S	EUR 1 =	SCR 17.9058	SCR 15.2880	SCR 15.7543	SCR 15.7575
Sierra Leone							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 4,298.64	SLL 4,282.35	SLL 4,277.97	SLL 4,283.48
		S	USD 1 =	SLL 4,385.48	SLL 4,368.86	SLL 4,364.39	SLL 4,370.02
	SLL	V, B	EUR 1 =	SLL 5,559.12	SLL 5,483.55	SLL 5,592.16	SLL 5,571.09
		V, S	EUR 1 =	SLL 5,671.42	SLL 5,594.33	SLL 5,705.13	SLL 5,683.65
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.2479	SGD 1.2436	SGD 1.2342	SGD 1.2613
		M	EUR 1 =	SGD 1.6095	SGD 1.5892	SGD 1.6163	SGD 1.6444
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 228.06	ANG 233.55	ANG 231.64
S		EUR 100 =	ANG 234.98	ANG 232.66	ANG 238.26	ANG 236.31	
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.2805	USD 1.3072	USD 1.3006
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.2805	USD 1.3072	USD 1.3006
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents	B	SBD 1 =	USD 0.1372	USD 0.1379	USD 0.1384	USD 0.1386
		S	SBD 1 =	USD 0.1347	USD 0.1354	USD 0.1359	USD 0.1361
	SBD	B	SBD 1 =	EUR 0.1094	EUR 0.1109	EUR 0.1086	EUR 0.1091
		S	SBD 1 =	EUR 0.1036	EUR 0.1050	EUR 0.1028	EUR 0.1033

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		
					March 2013	April 2013	May 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 9.0417	ZAR 8.8244	ZAR 9.9425
		S	USD 1 =	ZAR 8.3565	ZAR 9.3592	ZAR 9.1419	ZAR 10.2600
	ZAR	B	EUR 1 =	ZAR 10.3436	ZAR 11.5807	ZAR 11.6005	ZAR 12.9064
		S	EUR 1 =	ZAR 10.7915	ZAR 12.0272	ZAR 12.0503	ZAR 13.3547
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 1.2805	USD 1.3072	USD 1.3006
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 126.41	LKR 125.31	LKR 125.32	LKR 124.99
		S	USD 1 =	LKR 129.60	LKR 128.47	LKR 128.38	LKR 128.04
	LKR	B	EUR 1 =	LKR 161.79	LKR 159.39	LKR 163.23	LKR 162.16
		S	EUR 1 =	LKR 167.41	LKR 164.86	LKR 168.67	LKR 167.57
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 5.6396	SDG 5.7601	SDG 5.7011
		S	EUR 1 =	SDG 4.7553	SDG 5.6678	SDG 5.7889	SDG 5.7296
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 4.204	SRD 4.262	SRD 4.207
		S	EUR 1 =	SRD 4.320	SRD 4.333	SRD 4.393	SRD 4.336
Swaziland ¹							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 8.1854	SZL 9.2455	SZL 9.0962	SZL 10.1930
		S	USD 1 =	SZL 8.2167	SZL 9.2530	SZL 9.1460	SZL 10.2250
	SZL	B	EUR 1 =	SZL 10.57058	SZL 11.8370	SZL 11.8496	SZL 13.2774
		S	EUR 1 =	SZL 10.61358	SZL 11.8485	SZL 11.9172	SZL 13.3232
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 6.7429	SEK 6.4837	SEK 6.5271	SEK 6.5547
		S	USD 1 =	SEK 6.8104	SEK 6.5512	SEK 6.5946	SEK 6.6222
	SEK	B	EUR 1 =	SEK 8.6700	SEK 8.3216	SEK 8.5588	SEK 8.5627
		S	EUR 1 =	SEK 8.7215	SEK 8.3731	SEK 8.6103	SEK 8.6142

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		
					March 2013	April 2013	May 2013
Switzerland							
Berne 039	Swiss franc = 100 rappen / centimes	B	USD 1 =	CHF 0.9381	CHF 0.9542	CHF 0.9379	CHF 0.9540
		B	EUR 1 =	CHF 1.2042	CHF 1.2185	CHF 1.2252	CHF 1.2414
		CHF					
Syrian Arab Republic							
Damascus 608	Syrian pound = 100 piastres	B	USD 1 =	SYP 65.19	SYP 86.52	SYP 96.31	SYP 99.34
		S	USD 1 =	SYP 65.58	SYP 87.04	SYP 96.89	SYP 99.94
	B	EUR 1 =	SYP 84.16	SYP 110.67	SYP 126.24	SYP 128.87	
	S	EUR 1 =	SYP 84.75	SYP 111.45	SYP 127.13	SYP 129.77	
Tajikistan							
Dushanbe 082	Somoni = 100 diram	M	USD 1 =	TJS 4.7632	TJS 4.7543	TJS 4.7571	TJS 4.7559
		M	EUR 1 =	TJS 6.1378	TJS 6.1062	TJS 6.1422	TJS 6.0480
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents	B	USD 1 =	TZS 1,560.3764	TZS 1,582.6040	TZS 1,583.1287	TZS 1,591.4158
		S	USD 1 =	TZS 1,582.7317	TZS 1,598.4300	TZS 1,598.9600	TZS 1,607.3300
	B	EUR 1 =	TZS 2,017.0086	TZS 2,022.8844	TZS 2,072.9487	TZS 2,074.2514	
	S	EUR 1 =	TZS 2,046.4924	TZS 2,043.2731	TZS 2,093.9980	TZS 2,095.3154	
Thailand							
Bangkok 680	Thai baht = 100 satang	B	USD 1 =	THB 30.9253	THB 29.1028	THB 29.1796	THB 30.0123
		S	USD 1 =	THB 31.2076	THB 29.3832	THB 29.4578	THB 30.2947
	B	EUR 1 =	THB 39.7716	THB 37.0838	THB 38.0894	THB 39.0138	
	S	EUR 1 =	THB 40.3741	THB 37.6608	THB 38.6646	THB 39.5997	
Togo ¹							
Lomé 280	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Tonga							
Nuku'alofa 817	Pa'anga = 100 seniti	B	TOP 1 =	USD 0.6058	USD 0.5911	USD 0.5934	USD 0.5724
		S	TOP 1 =	USD 0.5698	USD 0.5691	USD 0.5714	USD 0.5504
	B	TOP 1 =	EUR 0.4904	EUR 0.4775	EUR 0.4678	EUR 0.4538	
	S	TOP 1 =	EUR 0.4287	EUR 0.4325	EUR 0.4228	EUR 0.4088	
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents	B	USD 1 =	TTD 6.3641	TTD 6.3774	TTD 6.3839	TTD 6.3670
		S	USD 1 =	TTD 6.4371	TTD 6.4415	TTD 6.4407	TTD 6.4577
	B	EUR 1 =	TTD 8.0425	TTD 7.9606	TTD 8.1507	TTD 8.0686	
	S	EUR 1 =	TTD 8.3584	TTD 8.2837	TTD 8.5976	TTD 8.4244	

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		
					March 2013	April 2013	May 2013
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes	B	USD 1 =	TND 1.5527	TND 1.5917	TND 1.5974	TND 1.6293
		S	USD 1 =	TND 1.5593	TND 1.5948	TND 1.6006	TND 1.6325
	TND	B	EUR 1 =	TND 1.9978	TND 2.0435	TND 2.0897	TND 2.1219
		S	EUR 1 =	TND 2.0064	TND 2.0476	TND 2.0938	TND 2.1261
Turkey							
Ankara 052	Turkish lira = 100 kuruş	B	USD 1 =	TRY 1.7925	TRY 1.8137	TRY 1.7953	TRY 1.8661
		S	USD 1 =	TRY 1.8011	TRY 1.8170	TRY 1.7985	TRY 1.8695
	TRY	B	EUR 1 =	TRY 2.3046	TRY 2.3206	TRY 2.3501	TRY 2.4208
		S	EUR 1 =	TRY 2.3157	TRY 2.3248	TRY 2.3543	TRY 2.4252
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 3.6543	TMT 3.7287	TMT 3.6976
Uganda							
Kampala 350	Uganda shilling	B	USD 1 =	UGX 2,508.53	UGX 2,589.83	UGX 2,592.31	UGX 2,589.55
		S	USD 1 =	UGX 2,518.35	UGX 2,599.71	UGX 2,602.39	UGX 2,599.45
	UGX	B	EUR 1 =	UGX 3,236.52	UGX 3,310.32	UGX 3,396.19	UGX 3,380.66
		S	EUR 1 =	UGX 3,249.20	UGX 3,322.95	UGX 3,409.39	UGX 3,393.58
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 1,023.5037	UAH 1,048.1221	UAH 1,034.6139
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 4.61723	AED 4.71832	AED 4.67103
		S	EUR 1 =	AED 4.84510	AED 4.82234	AED 4.91115	AED 4.86152
United Kingdom ¹							
London 006	Pound sterling = 100 pence GBP	M	GBP 1 =	USD 1.5851	USD 1.5181	USD 1.5564	USD 1.5161
		M	EUR 1 =	GBP 0.8112	GBP 0.8458	GBP 0.8472	GBP 0.8548
United States							
Washington 400	US dollar = 100 cents	B	EUR 1 =	USD 1.2905	USD 1.2818	USD 1.3168	USD 1.2993
		S	EUR 1 =	USD 1.2907	USD 1.2819	USD 1.3169	USD 1.2996
	USD	B	GBP 1 =	USD 1.5849	USD 1.5201	USD 1.5533	USD 1.5197
		S	GBP 1 =	USD 1.5852	USD 1.5205	USD 1.5535	USD 1.5199

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		
					March 2013	April 2013	May 2013
Uruguay							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	B / S	USD 1 =	UYU 20.304	UYU 18.945	UYU 18.943	UYU 20.268
		B / S	EUR 1 =	UYU 26.076	UYU 24.180	UYU 24.913	UYU 26.344
Uzbekistan							
Tashkent 081	Uzbekistan sum = 100 tijin UZS	M	USD 1 =	UZS 1,893.40	UZS 2,039.60	UZS 2,064.61	UZS 2,081.59
		M	EUR 1 =	UZS 2,436.92	UZS 2,634.09	UZS 2,692.13	UZS 2,686.84
Vanuatu							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 91.63	VUV 91.28	VUV 91.13	VUV 94.53
		S	USD 1 =	VUV 96.25	VUV 95.87	VUV 95.71	VUV 99.28
		B	EUR 1 =	VUV 118.09	VUV 116.43	VUV 119.13	VUV 123.09
		S	EUR 1 =	VUV 122.58	VUV 120.88	VUV 123.69	VUV 127.80
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 8.02555182	VEF 8.27629140	VEF 8.16757474
		S	EUR 1 =	VEF 5.52867596	VEF 8.04699000	VEF 8.29773000	VEF 8.19189000
Viet Nam							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 20,846	VND 20,920	VND 20,900	VND 20,980
		S	USD 1 =	VND 20,898	VND 20,960	VND 20,960	VND 21,036
		B	EUR 1 =	VND 26,792.70	VND 26,587.82	VND 27,050.18	VND 27,185.43
		S	EUR 1 =	VND 27,180.03	VND 26,960.25	VND 27,996.50	VND 27,587.06
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 275.47	YER 281.75	YER 275.98
		S	EUR 1 =	YER 277.16	YER 275.53	YER 281.80	YER 276.03
Zambia ¹							
Lusaka 378	Kwacha = 100 ngwee ZMK / ZMW	B	USD 1 =	ZMK 5,163.73	ZMW 5.3933	ZMW 5.2777	ZMW 5.3295
		S	USD 1 =	ZMK 5,183.73	ZMW 5.4133	ZMW 5.2977	ZMW 5.3495
		B	EUR 1 =	ZMK 6,679.16	ZMW 6.9051	ZMW 6.9002	ZMW 6.9321
		S	EUR 1 =	ZMK 6,711.08	ZMW 6.9323	ZMW 6.9279	ZMW 6.9587
Zimbabwe ¹							
Harare 382	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =	.	.	.	.
		M	EUR 1 =	.	.	.	.

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

IV Overview of world currencies *

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

As of end-May 2013

Country or territory (country code)	Currency	Country or territory (country code)	Currency
Åland Islands	Euro	Madeira (010)	Euro
Alhucemas	Euro	Marie-Galante (001)	Euro
American Samoa (830)	US dollar	Marshall Islands (824)	US dollar
Andaman Islands	Indian rupee	Martinique (001)	Euro
Andorra (043)	Euro	Mayotte (377)	Euro
Anguilla (446)	East Caribbean dollar	Melilla (023)	Euro
Azores (010)	Euro	Micronesia, Federated States of (823)	US dollar
		Monaco 1 (001)	Euro
Baker Island (832)	US dollar	Montenegro (097)	Euro
Balearics	Euro	Montserrat (470)	East Caribbean dollar
Bali	Indonesian rupiah	Mooréa	CFP franc
Bonaire (475)	US dollar		
Bora-Bora	CFP franc	Nauru (803)	Australian dollar
Borneo (northern part) (701)	Malaysian ringgit	Newfoundland	Canadian dollar
Borneo (southern part) (700)	Indonesian rupiah	Nicobar Islands	Indian rupee
British Virgin Islands (468)	US dollar	Niue (838)	New Zealand dollar
		Norfolk Island (836)	Australian dollar
Canary Islands (011)	Euro	Northern Mariana Islands (820)	US dollar
Ceuta (021)	Euro		
Chafarinas (Islands)	Euro	Palau (825)	US dollar
Christmas Island (834)	Australian dollar	Pescadores	New Taiwan dollar
Cocos Islands (833)	Australian dollar	Pitcairn Islands Group (813)	New Zealand dollar
		Puerto Rico (400)	US dollar
Désirade (001)	Euro		
		Réunion (001)	Euro
Easter Island	Chilean peso		
Ecuador (500)	US dollar	Saba (475)	US dollar
		San Marino 1 (047)	Euro
Faroe Islands 1 (041)	Danish krone	Spitzbergen/Spitsbergen (028)	Norwegian krone
(French) Guiana (001)	Euro	St Barthélemy (001)	Euro
French Polynesia (822)	CFP franc	St Eustatius (475)	US dollar
		St Martin (northern part) (001)	Euro
Galapagos Islands (500)	US dollar	St Pierre and Miquelon (408)	Euro
Gozo (Island of)	Euro	Sumatra	Indonesian rupiah
Greenland (406)	Danish krone	Swan Islands (424)	Honduran lempira
Guadeloupe (001)	Euro		
Guam (831)	US dollar	Tahiti (822)	CFP franc
Guernsey 1 (107)	British pound sterling	Tibet (720)	Chinese yuan renminbi
		Timor-Leste 1 (626)	US dollar
Howland Island (832)	US dollar	Tokelau (839)	New Zealand dollar/Samoan tala
		Turks and Caicos Islands 1 (454)	US dollar
Isle of Man 1 (109)	British pound sterling	Tuvalu 1 (807)	Australian dollar
Jarvis Island	US dollar	Vatican City 1 (045)	Euro
Java	Indonesian rupiah	Virgin Islands of the United States (457)	US dollar
Jersey 1 (108)	British pound sterling		
		Wallis and Futuna (Islands) (811)	CFP franc
Kosovo (095)	Euro	Western Sahara	Moroccan dirham
Laccadive Islands	Indian rupee	Zanzibar (Island) (352)	Tanzania shilling
Les Saintes Islands (001)	Euro		
Liechtenstein (037)	Swiss franc		

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

V Value of the special drawing right in selected currencies *

1 End of year

SDR 1 = CU ...

Period	US dollar USD	Euro EUR	Pound sterling GBP	Japanese yen JPY	Canadian dollar CAD	Swiss franc CHF	Swedish krona SEK	Danish krone DKK	Norwegian krone NOK
1999	1.37251	1.36467	0.848150	140.111	1.98094	2.19297	11.6873	10.1549	11.0218
2000	1.30291	1.40022	0.873149	149.704	1.95462	2.13221	12.4232	10.4500	11.5288
2001	1.25673	1.42474	0.866469	165.491	2.00147	2.10605	13.3943	10.5685	11.3251
2002	1.35952	1.29639	0.843483	162.414	2.14750	1.88539	11.9542	9.62844	9.47006
2003	1.48597	1.17654	0.832619	158.575	1.92047	1.83800	10.7715	8.82099	9.91886
2004	1.55301	1.14016	0.804085	161.161	1.86920	1.75738	10.2351	8.46296	9.37796
2005	1.42927	1.21155	0.830055	168.610	1.66418	1.87848	11.3363	9.03881	9.67427
2006	1.50440	1.14229	0.766377	178.948	1.75308	1.83582	10.3390	8.51702	9.41017
2007	1.58025	1.07346	0.788780	179.947	1.56144	1.77857	10.2088	8.02021	8.55074
2008	1.54027	1.10675	1.05657	140.464	1.88621	1.63839	12.0833	8.18003	10.7802
2009	1.56769	1.08822	0.968007	143.797	1.64075	1.61551	11.3070	8.10688	9.05608
2010	1.54003	1.15966	0.997755	125.436	1.54142	1.44702	10.4761	8.64469	9.06742
2011	1.53527	1.18654	0.992989	119.321	1.56254	1.44453	10.6293	8.82099	9.20039
2012	1.53692	1.16583	0.953662	133.020	1.52954	1.40874	10.0140	8.69762	8.55432

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

2 End of month

SDR 1 = CU ...

Period	US dollar USD	Euro EUR	Pound sterling GBP	Japanese yen JPY	Canadian dollar CAD	Swiss franc CHF	Swedish krona SEK	Danish krone DKK	Norwegian krone NOK
2009 Sep	1.58437	1.08200	0.983294	142.229	1.69876	1.63032	11.1025	8.05477	9.15374
Oct	1.58989	1.07425	0.962399	145.284	1.71295	1.62630	11.1531	7.99571	9.01453
Nov	1.61018	1.07181	0.977469	139.683	1.70261	1.61437	11.2109	7.97684	9.12375
Dec	1.56769	1.08822	0.968007	143.797	1.64075	1.61551	11.3070	8.10688	9.05608
2010 Jan	1.55419	1.11284	0.963066	139.644	1.65522	1.63159	11.3961	8.28432	9.13868
Feb	1.53258	1.12939	1.00676	136.783	1.61320	1.65105	11.0001	8.40576	9.08422
Mar	1.51824	1.12637	1.00214	141.576	1.54192	1.60964	11.0186	8.38553	9.08306
Apr	1.51112	1.13490	0.985853	142.136	1.52865	1.62823	10.9178	8.48356	8.90274
May	1.47433	1.19051	1.01120	134.606	1.54790	1.69430	11.5698	8.85865	9.47831
June	1.47890	1.20520	0.984291	131.030	1.56852	1.59898	11.4947	8.97722	9.60836
July	1.51852	1.16558	0.974906	131.352	1.56255	1.57835	10.9827	8.68470	9.25523
Aug	1.50891	1.18999	0.979557	127.126	1.60533	1.54090	11.2150	8.85928	9.54918
Sep	1.55619	1.14023	0.977871	129.786	1.60256	1.51417	10.4848	8.49697	9.08538
Oct	1.57179	1.13429	0.987177	126.654	1.60133	1.55481	10.6488	8.45745	9.29213
Nov	1.52578	1.17385	0.982598	128.394	1.56606	1.52242	10.6919	8.74868	9.49767
Dec	1.54003	1.15966	0.997755	125.436	1.54142	1.44702	10.4761	8.64469	9.06742
2011 Jan	1.56194	1.14077	0.982907	128.157	1.56537	1.47306	10.2112	8.50362	9.04282
Feb	1.57305	1.13709	0.968983	128.518	1.53199	1.46026	10.0714	8.47860	8.76586
Mar	1.58550	1.11600	0.98528	131.803	1.54079	1.45042	9.99261	8.32168	8.74172
Apr	1.62096	1.09082	0.972479	132.910	1.53764	1.40440	9.73388	8.13491	8.48882
May	1.60077	1.11280	0.969989	129.422	1.55083	1.36514	9.87274	8.13491	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	8.61103
June	1.51755	1.20536	0.972602	120.342	1.54653	1.44987	10.5670	8.95993	9.07993
July	1.50833	1.22788	0.961575	117.876	1.51044	1.47530	10.2610	9.13626	9.11278
Aug	1.52201	1.20689	0.960929	119.402	1.50116	1.45200	10.1599	8.99297	8.80134
Sep	1.54219	1.19272	0.952499	119.628	1.51705	1.44272	10.0680	8.89229	8.78974
Oct	1.54057	1.18569	0.955922	122.691	1.53995	1.43057	10.2185	8.84502	8.75695
Nov	1.53481	1.18190	0.955849	126.545	1.52437	1.41970	10.2063	8.81686	8.71771
Dec	1.53692	1.16583	0.953662	133.020	1.52954	1.40874	10.0140	8.69762	8.55432
2013 Jan	1.54134	1.13752	0.976582	140.369	1.54010	1.40508	9.80286	8.48738	8.45745
Feb	1.51483	1.15380	0.997128	140.092	1.55800	1.41000	9.74820	8.60274	8.63849
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

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 Mar	1	1.50751	1.15962	1.00380	139.596	1.55047	1.41797	9.68955	8.64633	8.68040
	4	1.50628	1.15805	1.00098	140.987	1.55116	1.41936	9.69951	8.63379	8.62225
	5	1.50955	1.15816	0.995946	140.917	1.55333	1.42200	9.65111	8.63491	8.61668
	6	1.50875	1.15746	0.99977	140.586	.	.	.	.	.
	7	1.50554	1.15722	1.00463	141.671	1.55101	1.42544	9.61936	8.62656	8.58244
	8	1.50789	1.15194	1.00265	143.159	1.54905	1.42179	9.55484	8.59025	8.57442
	11	1.50094	1.15510	1.00917	144.241	1.54117	1.42665	9.61742	8.61349	8.59232
	12	1.50164	1.15042	1.00910	144.908	1.53978	1.42325	9.62473	8.57942	8.56546
	13	1.50272	1.15763	1.00382	143.960	1.54374	1.42367	9.54435	8.63237	8.61623
	14	1.49788	1.15783	1.00233	143.722	1.53697	1.43092	9.63363	8.63453	8.72083
	15	1.50674	1.15141	0.994085	144.873	1.53582	1.41995	9.67193	8.58738	8.67310
	18	1.50258	1.16218	0.994619	142.369	1.53518	1.42039	9.69058	8.66371	8.71809
	19	1.50209	1.16045	0.993838	143.404	1.54324	1.41917	9.68908	8.65172	8.72715
	20	1.50077	1.15935	0.992901	.	1.54099	1.41928	9.68242	8.64088	8.74722
	21	1.50198	1.16343	0.988993	144.400	1.53818	1.42133	9.72328	8.67107	8.78148
	22	1.50414	1.16168	0.989247	142.773	1.53799	1.41886	9.76553	8.65771	8.75848
	25	1.50609	1.16436	0.989746	142.853	1.53893	1.41693	9.76191	8.67935	8.78279
	26	1.50013	1.16642	0.99058	141.118	1.52504	1.42348	9.77020	8.69301	8.74516
	27	1.49617	1.17181	0.991041	141.538	.	1.42555	9.70808	8.73332	8.71612
	28	1.49802	1.16987	0.990619	141.038	1.52139	1.42626	9.76134	.	.
	29	1.49920	.	.	140.999	.	1.42738	.	.	.
Apr	1	1.50262	.	.	141.081	1.52771	.	.	.	.
	2	1.50125	1.16920	0.988054	139.691	1.52347	.	9.72990	8.71612	8.73035
	3	1.49937	1.16882	0.992369	140.236	1.51946	1.42245	9.75039	8.71179	8.70367
	4	1.49549	1.16671	0.993424	140.277	1.51628	1.42012	9.78502	8.69603	8.69089
	5	1.50130	1.15984	0.986271	145.401	1.52998	1.41212	9.78263	8.64626	8.63789
	8	1.50343	1.15444	0.982376	148.238	1.53320	1.40345	9.69143	8.60548	8.60519
	9	1.50351	1.15300	0.983072	149.374	1.52787	1.40669	9.65018	8.59646	8.63133
	10	1.50545	1.15042	0.983565	149.310	1.52803	1.40142	9.61224	8.57787	8.63506
	11	1.50753	1.14912	0.979489	150.119	1.52366	1.39974	9.62316	8.56817	8.59202
	12	1.50530	1.15331	0.979115	149.747	1.52547	1.40128	9.57488	8.59808	8.62910
	15	1.50722	1.15222	0.982608	148.672	1.53827	1.40021	9.62242	8.59099	8.64222
	16	1.50788	1.14851	0.985154	146.340	1.54256	1.39916	9.65409	8.56296	8.63908
	17	1.50854	1.14901	0.988944	148.290	1.54806	1.39359	9.65876	8.56729	8.68078
	18	1.50470	1.15347	0.986300	147.205	1.54307	1.40103	9.78885	8.59949	8.75136
	19	1.50599	1.14830	0.981104	147.994	1.54575	1.40073	9.81836	8.56157	8.72303
	22	1.50198	1.15209	0.985678	149.897	1.54148	1.40330	9.80162	8.58878	8.76632
	23	1.50109	1.15557	0.985028	148.308	1.53997	1.41222	9.84824	8.61371	8.87185
	24	1.50178	1.15468	0.983033	149.652	1.54232	1.42008	9.96373	8.60852	8.86556
	25	1.50640	1.15168	0.975648	149.947	1.53563	1.42054	9.93522	8.58679	8.81438
	26	1.50425	1.15721	0.973189	148.620	1.52983	1.42017	9.90070	8.61959	8.81959
	29	1.50924	1.15095	0.972328	149.652	1.53007	1.41763	9.88572	8.58200	8.75749
	30	1.50900	1.15437	0.974488	147.746	1.51986	1.41288	9.89844	8.60704	8.78194
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	8.70815
	3	1.51094	1.15216	0.971355	149.374	1.52288	1.40850	9.85542	8.58745	8.76509
	6	1.50700	1.14976	0.969876	.	1.51830	1.41236	9.8228	8.56891	8.76578
	7	1.50930	1.15153	0.971610	149.376	1.51715	1.41829	9.87021	8.58192	8.79716
	8	1.50960	1.14930	0.973748	149.300	1.51307	1.41903	9.84552	8.56626	8.72433
	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	8.70383
	14	1.49690	1.15350	0.979835	151.845	1.51905	1.43358	9.92507	8.59712	8.69800
	15	1.49035	1.15854	0.980229	152.328	1.51613	1.45011	9.98014	8.63565	8.73713
	16	1.49088	1.15662	0.980133	152.294	1.51519	1.44168	9.96522	8.62017	8.71627
	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	8.69444
	22	1.49206	1.15458	0.988641	153.085	1.54174	1.45326	9.86651	8.60563	8.61891
	23	1.49158	1.15734	0.988650	153.781	1.53781	1.44116	9.93088	8.62701	8.71931
	24	1.49517	1.15555	0.989002	152.956	1.54346	1.43865	9.96592	8.61334	8.69966
	28	1.49326	1.15417	0.988396	151.760	1.54866	1.44578	9.94965	8.60163	8.71741
	29	1.49386	1.15339	0.991414	152.822	1.54914	1.44277	9.98682	8.59720	8.76570
	30	1.49677	1.15634	0.987713	151.473	1.54302	1.43615	10.0062	8.62010	8.81018
	31	1.49877	1.15237	0.985125	151.420	1.54958	1.42892	9.87264	8.59166	8.77408
June	3	1.50035	1.15341	0.983642	150.711	1.54402	1.43509	9.90580	8.59779	8.76255
	4	1.50428	1.14901	0.983642	150.037	1.55663	1.42305	9.84601	8.56524	8.72966
	5	1.50455	1.15141	0.979518	150.891	1.55645	1.42511	9.90668	.	8.75649
	6	1.50827	1.14977	0.976286	149.771	1.54417	1.42034	.	8.57133	8.71642
	7	1.51994	1.14626	0.975819	146.674	1.55186	1.40822	9.94224	8.54635	8.74646
	10	1.51423	1.14636	0.974345	148.773	1.54255	1.41899	9.96910	8.54723	8.72608

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-May 2013

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

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

VII ISO currency codes *

As of end-May 2013

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

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

Council Regulation (EC) No 2866/98

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

The Council of the European Union,

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

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

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

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

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

the euro at a rate of one euro to one ECU; whereas Article 109I(4), second sentence, of the Treaty, provides that the adoption of the conversion rates shall by itself not modify the external value of the ECU; whereas this is ensured by adopting as the conversion rates, the exchange rates against the ECU of the currencies of the Member States adopting the euro, as calculated by the Commission on 31 December 1998 according to the established procedure for the calculation of the daily official ECU rates;

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

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

has adopted this Regulation:

Article 1

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

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

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

Article 2

This Regulation shall enter into force on 1 January 1999.

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

Communiqué of the European Union of 31 December 1998

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

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

Danish krone	7.46038
Greek drachma	353.109

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

Council Regulation (EC) No 1478/2000

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

The Council of the European Union,

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

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

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

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

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

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

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

has adopted this Regulation:

Article 1

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

"= 340.750 Greek drachma".

Article 2

This Regulation shall enter into force on 1 January 2001.

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

Communiqué of the European Union of 27 June 2004

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

The central rate of the Lithuanian litas is set at

1 euro = 3.45280 litas.

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

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

...

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

Communiqué of the European Union of 29 April 2005

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

The central rate of the Latvian lats is set at

1 euro = 0.702804 lats.

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

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

...

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

Council Regulation (EC) No 1086/2006

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

The Council of the European Union,

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

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

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

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

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

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

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

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

has adopted this Regulation:

Article 1

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

“= 239.640 Slovenian tolar”.

Article 2

This Regulation shall enter into force on 1 January 2007.

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

Council Regulation (EC) No 1134/2007

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

The Council of the European Union,

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

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

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

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

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

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

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

has adopted this Regulation:

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

Article 1

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

“= 0.429300 Maltese liras”.

Article 2

This Regulation shall enter into force on 1 January 2008.

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

Council Regulation (EC) No 1135/2007

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

The Council of the European Union,

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

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

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

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

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

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

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

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

has adopted this Regulation:

Article 1

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

“= 0.585274 Cyprus pounds”.

Article 2

This Regulation shall enter into force on 1 January 2008.

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

Council Regulation (EC) No 694/2008

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

The Council of the European Union,

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

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

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

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

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

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

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

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

has adopted this Regulation:

Article 1

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

"= 30.1260 Slovak korunas".

Article 2

This Regulation shall enter into force on 1 January 2009.

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

Council Regulation (EU) No 671/2010

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

The Council of the European Union,

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

Having regard to the proposal from the European Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

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

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

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

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

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

has adopted this Regulation:

Article 1

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

"= 15.6466 Estonian kroons".

Article 2

This Regulation shall enter into force on 1 January 2011.

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

■ Explanatory notes

■ Euro reference exchange rates of the European Central Bank

On 1 January 1999, 11 member states of the European Union initially adopted the euro as their single currency (see Excerpts from official notifications and announcements, pp 51-56). On 1 January 2001, Greece joined the European Monetary Union, followed by Slovenia on 1 January 2007, Cyprus and Malta on 1 January 2008, Slovakia on 1 January 2009 and Estonia on 1 January 2011 (for details, see Table I 1, p 7).

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

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

■ Effective exchange rates of the euro

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

The table entitled "Overall trade weights used in the calculation of the effective exchange rates (EER) of the euro" on page 58 shows trading partners' membership of the EER-12, EER-20 and EER-40 groups as well as their percentage weights. To prevent breaks in the time series, the indices of two consecutive weighting periods are chain-linked be-

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

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

For further information on the calculation method, see the ECB's methodological notes relating to the daily nominal effective exchange rate of the euro and ECB Occasional Paper No 134 of June 2012, which can be downloaded from the ECB's website (www.ecb.int).

■ Indicators of the German economy's price competitiveness

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

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

The selected industrialised countries in the group of 24 comprise the respective euro-area countries (see Table I 1, p 7) as well as Canada, Denmark, Japan, Norway, Sweden, Switzerland, the United Kingdom and the United States.

The group of 36 countries comprise the euro-area countries and the EER-20 group. The group of 56 countries consist of the euro-area countries as well as the EER-40 group.

■ Overview of world currencies

The exchange rates listed in Table IV 1 (pp 20-42) are, in all cases, the latest end-of-month rates known to us in a given month; in general, they have been taken from reliable sources (central bank or a commercial bank in the

Overall trade weights used in the calculation of the effective exchange rates (EER) of the euro^{o)}

Figures in %

As of February 2012

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

^{o)} Figures have been rounded.

country in question). However, we do not know whether transactions were actually executed at those rates in all cases. If no exchange rates for the euro are available from a country, we have calculated comparative values at the exchange rates or parities available and identified them with a "V" in the column "type of rate".

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

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

The numerical country code is based on the list of countries for foreign trade and payments statistics of the Federal Republic of Germany, which can be found on the Deutsche Bundesbank's website under Service / Reporting systems / External sector statistics / Code lists.

Value of the special drawing right

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

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

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

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

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

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

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

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

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

Global exchange rate arrangements and monetary policy framework

The overview of the exchange rate arrangements and monetary policy framework as at the end of April 2012 (see Table VI, pp 46-47) is based on the IMF's *Annual Report on Exchange Arrangements and Exchange Restrictions 2012*, which can be purchased from the IMF (<http://www.imfbookstore.org>).

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

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

against alternative monetary policy frameworks in order to highlight the role of the exchange rate in broad economic policy and to illustrate that different exchange rate arrangements can be consistent with similar monetary frameworks.

The monetary policy frameworks listed are as follows.

Exchange rate anchor

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

Monetary aggregate target

The monetary authority uses its instruments to achieve a target growth rate for a monetary aggregate, such as reserve money, M1 or M2, and the targeted aggregate becomes the nominal anchor or intermediate target of monetary policy.

Inflation-targeting framework

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

Other

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

Explanatory notes on individual countries

Bangladesh

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

Benin

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

Bhutan

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

Brunei Darussalam

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

Burkina Faso

See Explanatory notes on Benin.

Cameroon

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

Central African Republic

See Explanatory notes on Cameroon.

Chad

See Explanatory notes on Cameroon.

Congo

See Explanatory notes on Cameroon.

Cook Islands

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

Côte d'Ivoire

See Explanatory notes on Benin.

Cuba

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

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

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

The euro is also an accepted means of payment in some tourist centres.

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 36,500 and EUR 1 = IRR 47,500 at the end of May 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. The auction process SICAD (Sistema Complementario de Administración de Divisas) starts at the official exchange rate of VEF 6.30 per US dollar, and should curtail the black market where, according to press reports, the exchange rate stood at VEF 24 in March 2013. According to reports from financial information providers, the average exchange rate for the first auction at the end of March 2013 was USD 1 = VEF 13.10.

Zambia

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

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

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

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.