

Exchange rate statistics October 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>

Reproduction permitted only if source is stated.

The German-language version of the Statistical Supplement Exchange rate statistics is published quarterly in printed form. The Deutsche Bundesbank also publishes an updated monthly edition in German and in English on its website. In cases of doubt, the original German-language version is the sole authoritative text.

ISSN 2190-8990 (online edition)

Cut-off date: 8 October 2013.

The Statistical Supplement Exchange rate statistics is published by the Deutsche Bundesbank, Frankfurt am Main, by virtue of section 18 of the Bundesbank Act. It is available to interested parties free of charge.

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

Selected updated statistics are also available on the website. Additionally, a CD-ROM containing roughly 40,000 published Bundesbank time series, which is updated monthly, may be obtained for a fee from the Bundesbank's Statistical Information Systems and Mathematical Methods Division or downloaded from the Bundesbank's ExtraNet platform.

■ Contents

■ 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	7
2 Central rates and intervention rates in Exchange Rate Mechanism II	7

■ II Euro reference exchange rates of the European Central Bank

1 Daily rates	8
2 Monthly averages	12
3 End-of-year rates and annual averages	15
4 Exchange rates of major currencies (chart)	17

■ III Effective exchange rates of the euro

1 Annual and monthly averages	18
2 Nominal and real effective exchange rates based on consumer price indices (chart)	19

■ IV Overview of world currencies

1 Currencies and exchange rates in individual countries	20
2 Currencies in selected territories and states in which the currency of another country is legal tender	43

■ V Value of the special drawing right in selected currencies

1 End of year	44
2 End of month	44
3 Daily rates	45

■ VI Global exchange rate arrangements and monetary policy framework

46

■ VII ISO currency codes

48

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

51

■ Explanatory notes

Euro reference exchange rates of the European Central Bank	59
Effective exchange rates of the euro	59
Indicators of the German economy's price competitiveness	59
Overview of world currencies	59
Value of the special drawing right	61
Global exchange rate arrangements and monetary policy framework	62

■ Explanatory notes on individual countries	63
---	----

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
	Spain	Spanish peseta	ESP	166.386
2001 January 1	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
2014 January 1	Latvia	Latvian lats	LVL	0.702804

* Excerpts from official communications and announcements on the euro and Exchange Rate Mechanism II, see pp 51–57.

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

Country Currency ISO currency code	Type of rate	EUR 1 = CU ...						
		From ... 1 Jan 1999	17 Jan 2000	28 June 2004	2 May 2005	28 Nov 2005	19 Mar 2007	29 May 2008
Denmark Danish krone DKK	Upper rate	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824
	Central rate	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038
	Lower rate	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252
Greece Greek drachma GRD	Upper rate	406.075	391.863	–	–	–	–	–
	Central rate	353.109	1 340.750	–	–	–	–	–
	Lower rate	300.143	289.638	–	–	–	–	–
Estonia Estonian kroon EEK	Upper rate	–	–	17.9936	17.9936	17.9936	17.9936	17.9936
	Central rate	–	–	15.6466	15.6466	15.6466	15.6466	2 15.6466
	Lower rate	–	–	13.2996	13.2996	13.2996	13.2996	13.2996
Lithuania Lithuanian litas LTL	Upper rate	–	–	3.97072	3.97072	3.97072	3.97072	3.97072
	Central rate	–	–	3.45280	3.45280	3.45280	3.45280	3.45280
	Lower rate	–	–	2.93488	2.93488	2.93488	2.93488	2.93488
Slovenia Slovenian tolar SIT	Upper rate	–	–	275.586	275.586	275.586	–	–
	Central rate	–	–	239.640	239.640	3 239.640	–	–
	Lower rate	–	–	203.694	203.694	203.694	–	–
Cyprus Cyprus pound CYP	Upper rate	–	–	–	0.673065	0.673065	0.673065	–
	Central rate	–	–	–	0.585274	0.585274	4 0.585274	–
	Lower rate	–	–	–	0.497483	0.497483	0.497483	–
Latvia Latvian lats LVL	Upper rate	–	–	–	0.808225	0.808225	0.808225	0.808225
	Central rate	–	–	–	0.702804	0.702804	0.702804	5 0.702804
	Lower rate	–	–	–	0.597383	0.597383	0.597383	0.597383
Malta Maltese lira MTL	Upper rate	–	–	–	0.493695	0.493695	0.493695	–
	Central rate	–	–	–	0.429300	0.429300	4 0.429300	–
	Lower rate	–	–	–	0.364905	0.364905	0.364905	–
Slovakia Slovak koruna SKK	Upper rate	–	–	–	–	44.2233	40.7588	34.6449
	Central rate	–	–	–	–	38.4550	35.4424	6 30.1260
	Lower rate	–	–	–	–	32.6868	30.1260	25.6071

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

see pp 51–57. 1 Until 31 December 2000; accession to EMU on 1 January 2001. 2 Until 31 December 2010; accession to EMU on 1 January 2011. 3 Until 31 December 2006; accession to EMU on 1 January 2007. 4 Until 31 December 2007; accession to EMU on 1 January 2008. 5 Until 31 December 2013; accession to EMU on 1 January 2014. 6 Until 31 December 2008; accession to EMU on 1 January 2009.

II Euro reference exchange rates of the European Central Bank *

1 Daily rates

EUR 1 = CU ...

		EU member countries								
		Bulgaria	Croatia ¹	Czech Republic	Denmark	Hungary	Latvia	Lithuania	Poland	Romania
Period		Bulgarian lev BGN	Croatian kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Latvian lats LVL	Lithuanian litas LTL	Polish zloty PLN	Romanian leu RON
2013 July	1	1.9558	7.4438	25.980	7.4591	294.07	0.7022	3.4528	4.3329	4.4488
	2	1.9558	7.4490	25.983	7.4601	293.33	0.7017	3.4528	4.3329	4.4430
	3	1.9558	7.4705	26.020	7.4605	294.88	0.7020	3.4528	4.3365	4.4480
	4	1.9558	7.4928	26.050	7.4603	295.80	0.7019	3.4528	4.3083	4.4340
	5	1.9558	7.4998	25.875	7.4593	294.80	0.7019	3.4528	4.2847	4.4408
	8	1.9558	7.5180	25.938	7.4594	294.52	0.7021	3.4528	4.2959	4.4483
	9	1.9558	7.5210	25.875	7.4587	292.95	0.7025	3.4528	4.3263	4.4478
	10	1.9558	7.5400	25.929	7.4584	294.00	0.7022	3.4528	4.3325	4.4333
	11	1.9558	7.5440	25.898	7.4584	292.47	0.7026	3.4528	4.3349	4.4275
	12	1.9558	7.5320	25.951	7.4581	292.82	0.7027	3.4528	4.3193	4.4227
	15	1.9558	7.5315	26.010	7.4576	292.01	0.7026	3.4528	4.2855	4.4236
	16	1.9558	7.5235	25.960	7.4571	292.60	0.7025	3.4528	4.2560	4.4360
	17	1.9558	7.5160	25.968	7.4573	293.85	0.7025	3.4528	4.2610	4.4457
	18	1.9558	7.5125	25.925	7.4573	294.97	0.7024	3.4528	4.2490	4.4338
	19	1.9558	7.5165	25.931	7.4573	295.58	0.7025	3.4528	4.2468	4.4258
	22	1.9558	7.5095	25.976	7.4579	293.95	0.7025	3.4528	4.2175	4.4216
	23	1.9558	7.5048	25.977	7.4587	294.49	0.7022	3.4528	4.2147	4.4158
	24	1.9558	7.4953	25.930	7.4583	295.59	0.7025	3.4528	4.2075	4.3903
	25	1.9558	7.4955	25.959	7.4568	296.78	0.7025	3.4528	4.2433	4.3885
	26	1.9558	7.5075	25.948	7.4563	296.56	0.7025	3.4528	4.2375	4.3891
	29	1.9558	7.5055	25.914	7.4560	297.88	0.7024	3.4528	4.2294	4.4010
	30	1.9558	7.5045	25.856	7.4549	299.10	0.7027	3.4528	4.2252	4.3888
	31	1.9558	7.5065	25.857	7.4545	299.67	0.7028	3.4528	4.2370	4.4065
Aug	1	1.9558	7.5190	25.955	7.4551	298.83	0.7029	3.4528	4.2346	4.4230
	2	1.9558	7.5210	25.959	7.4547	300.25	0.7028	3.4528	4.2550	4.4385
	5	1.9558	7.5200	25.937	7.4554	298.56	0.7030	3.4528	4.2192	4.4220
	6	1.9558	7.5138	25.920	7.4567	299.65	0.7028	3.4528	4.2144	4.4053
	7	1.9558	7.4975	25.978	7.4571	299.52	0.7025	3.4528	4.2170	4.4330
	8	1.9558	7.5038	25.816	7.4574	298.91	0.7028	3.4528	4.2066	4.4540
	9	1.9558	7.5165	25.925	7.4588	298.43	0.7030	3.4528	4.1877	4.4382
	12	1.9558	7.5355	25.880	7.4592	297.09	0.7026	3.4528	4.1888	4.4241
	13	1.9558	7.5385	25.874	7.4592	298.87	0.7027	3.4528	4.1913	4.4261
	14	1.9558	7.5415	25.822	7.4583	298.62	0.7025	3.4528	4.2037	4.4315
	15	1.9558	7.5410	25.815	7.4581	298.96	0.7024	3.4528	4.2062	4.4420
	16	1.9558	7.5408	25.800	7.4575	300.34	0.7027	3.4528	4.2281	4.4460
	19	1.9558	7.5430	25.855	7.4571	300.71	0.7028	3.4528	4.2503	4.4610
	20	1.9558	7.5395	25.773	7.4579	299.25	0.7027	3.4528	4.2267	4.4455
	21	1.9558	7.5430	25.775	7.4585	299.67	0.7028	3.4528	4.2403	4.4420
	22	1.9558	7.5520	25.738	7.4589	299.40	0.7023	3.4528	4.2416	4.4440
	23	1.9558	7.5520	25.665	7.4588	298.98	0.7027	3.4528	4.2323	4.4423
	26	1.9558	7.5518	25.626	7.4591	297.85	0.7024	3.4528	4.2285	4.4300
	27	1.9558	7.5565	25.758	7.4597	300.28	0.7024	3.4528	4.2460	4.4435
	28	1.9558	7.5583	25.713	7.4597	302.81	0.7027	3.4528	4.2930	4.4513
	29	1.9558	7.5653	25.678	7.4594	300.46	0.7027	3.4528	4.2825	4.4405
	30	1.9558	7.5683	25.735	7.4594	300.78	0.7028	3.4528	4.2633	4.4320
Sep	2	1.9558	7.5773	25.683	7.4593	300.05	0.7026	3.4528	4.2548	4.4238
	3	1.9558	7.5795	25.725	7.4591	301.32	0.7025	3.4528	4.2707	4.4320
	4	1.9558	7.5780	25.787	7.4582	301.30	0.7027	3.4528	4.2663	4.4570
	5	1.9558	7.5845	25.737	7.4584	302.35	0.7026	3.4528	4.2867	4.4693
	6	1.9558	7.5878	25.765	7.4588	300.67	0.7026	3.4528	4.2950	4.4735
	9	1.9558	7.5912	25.833	7.4589	300.43	0.7024	3.4528	4.2730	4.4709
	10	1.9558	7.5875	25.830	7.4585	299.28	0.7025	3.4528	4.2595	4.4598
	11	1.9558	7.5865	25.783	7.4587	299.44	0.7027	3.4528	4.2333	4.4676
	12	1.9558	7.5875	25.820	7.4579	301.27	0.7025	3.4528	4.2131	4.4825
	13	1.9558	7.5828	25.775	7.4573	300.54	0.7024	3.4528	4.2120	4.4671
	16	1.9558	7.5955	25.769	7.4566	298.78	0.7025	3.4528	4.1944	4.4588
	17	1.9558	7.6095	25.718	7.4572	299.13	0.7027	3.4528	4.2208	4.4808
	18	1.9558	7.6078	25.813	7.4579	298.47	0.7026	3.4528	4.2328	4.4715
	19	1.9558	7.6085	25.735	7.4577	295.72	0.7025	3.4528	4.1828	4.4503
	20	1.9558	7.6110	25.828	7.4568	299.28	0.7025	3.4528	4.2298	4.4618
	23	1.9558	7.6175	25.925	7.4576	299.05	0.7025	3.4528	4.2265	4.4683
	24	1.9558	7.6175	25.933	7.4571	299.89	0.7026	3.4528	4.2269	4.4735
	25	1.9558	7.6160	25.880	7.4577	300.12	0.7026	3.4528	4.2165	4.4645
	26	1.9558	7.6130	25.809	7.4577	299.87	0.7028	3.4528	4.2280	4.4660
	27	1.9558	7.6153	25.690	7.4573	299.63	0.7028	3.4528	4.2280	4.4692
	30	1.9558	7.6153	25.730	7.4580	298.15	0.7027	3.4528	4.2288	4.4620
Oct	1	1.9558	7.6158	25.647	7.4582	296.07	0.7027	3.4528	4.2308	4.4485
	2	1.9558	7.6200	25.606	7.4586	296.70	0.7027	3.4528	4.2190	4.4500
	3	1.9558	7.6250	25.558	7.4597	295.92	0.7026	3.4528	4.2053	4.4371
	4	1.9558	7.6240	25.554	7.4598	296.92	0.7028	3.4528	4.2045	4.4285
	7	1.9558	7.6255	25.513	7.4597	295.83	0.7028	3.4528	4.1951	4.4274
	8	1.9558	7.6255	25.518	7.4599	295.22	0.7026	3.4528	4.1931	4.4357

* See Explanatory notes, p 59. ¹ Accession to EU on 1 July 2013.

II Euro reference exchange rates of the European Central Bank *

		Other European and non-European countries							
Sweden	United Kingdom	Australia	Brazil	Canada	China	Hong Kong	India		
Swedish krona SEK	Pound sterling GBP	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Hong Kong dollar HKD	Indian rupee INR	Period	
8.6958	0.85625	1.4190	2.9026	1.3714	7.9952	10.1108	77.6280	2013 July 1	
8.7008	0.85790	1.4222	2.9182	1.3756	7.9833	10.0923	77.6270	2	
8.7083	0.84920	1.4278	2.9376	1.3664	7.9449	10.0485	78.0970	3	
8.7080	0.85980	1.4239	2.9432	1.3690	7.9537	10.0677	78.1960	4	
8.6562	0.86055	1.4049	2.8987	1.3554	7.9006	9.9892	77.7680	5	
8.7898	0.86160	1.4145	2.8916	1.3567	7.8818	9.9662	78.0700	8	
8.7194	0.86500	1.4024	2.9085	1.3558	7.8811	9.9733	77.3280	9	
8.6767	0.86020	1.3935	2.8990	1.3475	7.8601	9.9390	76.4360	10	
8.7055	0.86290	1.4162	2.9450	1.3572	7.9982	10.1178	78.0400	11	
8.7050	0.86270	1.4436	2.9542	1.3537	8.0005	10.1106	77.7220	12	
8.7359	0.86470	1.4380	2.9516	1.3568	7.9865	10.0950	77.9350	15	
8.6974	0.86930	1.4225	2.9022	1.3657	8.0479	10.1767	77.5860	16	
8.6295	0.86315	1.4273	2.9669	1.3656	8.0595	10.1903	78.1130	17	
8.6212	0.86090	1.4290	2.9332	1.3640	8.0408	10.1566	78.1000	18	
8.5933	0.85995	1.4240	2.9173	1.3618	8.0548	10.1804	78.0880	19	
8.5577	0.85900	1.4272	2.9497	1.3618	8.0856	10.2143	78.6320	22	
8.5525	0.85955	1.4268	2.9507	1.3620	8.0891	10.2245	78.7180	23	
8.5521	0.86260	1.4361	2.9396	1.3604	8.1264	10.2753	78.2570	24	
8.6085	0.86370	1.4388	2.9711	1.3593	8.0992	10.2416	78.0350	25	
8.6118	0.86105	1.4340	2.9764	1.3638	8.1305	10.2853	78.2900	26	
8.5812	0.86340	1.4364	2.9945	1.3636	8.1377	10.2938	78.8500	29	
8.6818	0.86735	1.4618	3.0219	1.3629	8.1451	10.3023	80.3480	30	
8.7128	0.87350	1.4725	3.0330	1.3669	8.1361	10.2946	80.1880	31	
8.6914	0.86920	1.4733	3.0087	1.3630	8.1142	10.2656	80.0030	Aug 1	
8.7714	0.87135	1.4837	3.0512	1.3734	8.0926	10.2412	80.6770	2	
8.7618	0.86425	1.4910	3.0321	1.3782	8.1195	10.2832	80.7020	5	
8.7112	0.86575	1.4817	3.0550	1.3778	8.1295	10.3002	80.7540	6	
8.7261	0.85955	1.4878	3.0641	1.3868	8.1416	10.3197	81.4960	7	
8.6828	0.86200	1.4726	3.0760	1.3909	8.1771	10.3626	81.3110	8	
8.6747	0.86135	1.4587	3.0466	1.3762	8.1870	10.3714	81.3040	9	
8.6792	0.85860	1.4496	3.0253	1.3693	8.1301	10.2992	81.3730	12	
8.6624	0.85955	1.4549	3.0483	1.3715	8.1348	10.3073	81.4460	13	
8.6393	0.85440	1.4524	3.0586	1.3689	8.1041	10.2705	81.3700	14	
8.6455	0.85330	1.4525	3.0883	1.3732	8.1285	10.3113	81.5370	15	
8.7070	0.85325	1.4540	3.1309	1.3771	8.1574	10.3440	82.3260	16	
8.7120	0.85290	1.4592	3.2158	1.3786	8.1704	10.3490	84.5580	19	
8.7061	0.85490	1.4761	3.2091	1.3897	8.2021	10.3848	85.1330	20	
8.7277	0.85295	1.4811	3.2155	1.3966	8.1956	10.3789	86.2700	21	
8.6890	0.85505	1.4813	3.2513	1.3984	8.1550	10.3328	86.4400	22	
8.7140	0.85910	1.4879	3.2059	1.4114	8.1759	10.3579	85.5050	23	
8.7281	0.85850	1.4831	3.1613	1.4064	8.1803	10.3617	86.1320	26	
8.6894	0.86090	1.4877	3.2176	1.4040	8.1651	10.3458	89.7850	27	
8.6875	0.86320	1.4975	3.1861	1.4001	8.1686	10.3511	92.0650	28	
8.7178	0.85490	1.4839	3.1142	1.3923	8.1214	10.2886	88.8230	29	
8.7503	0.85395	1.4820	3.1122	1.3936	8.0979	10.2627	87.8470	30	
8.7222	0.84775	1.4680	3.1257	1.3907	8.0822	10.2418	87.5230	Sep 2	
8.7031	0.84730	1.4583	3.1593	1.3864	8.0621	10.2144	89.8920	3	
8.7165	0.84380	1.4373	3.0883	1.3814	8.0608	10.2145	88.2790	4	
8.7751	0.84310	1.4451	3.1294	1.3837	8.0778	10.2392	87.2850	5	
8.7248	0.84200	1.4309	3.0395	1.3682	8.0269	10.1732	85.5820	6	
8.7492	0.84130	1.4338	3.0382	1.3699	8.0760	10.2323	86.0840	9	
8.6887	0.84380	1.4255	3.0007	1.3684	8.1029	10.2671	84.5900	10	
8.6717	0.84140	1.4288	3.0222	1.3716	8.1187	10.2888	84.0730	11	
8.6924	0.84100	1.4367	3.0331	1.3715	8.1308	10.3055	84.3260	12	
8.7048	0.83990	1.4380	3.0308	1.3739	8.1349	10.3091	84.5300	13	
8.6943	0.83850	1.4248	3.0086	1.3759	8.1748	10.3570	83.9450	16	
8.6352	0.83970	1.4279	3.0395	1.3774	8.1759	10.3564	84.6400	17	
8.6263	0.83580	1.4281	3.0067	1.3762	8.1730	10.3530	84.7180	18	
8.5702	0.84200	1.4261	2.9605	1.3829	8.2887	10.5023	83.8450	19	
8.5969	0.84360	1.4354	2.9929	1.3898	8.2712	10.4769	84.1620	20	
8.6007	0.84115	1.4313	2.9840	1.3909	8.2650	10.4732	84.6340	23	
8.6315	0.84431	1.4347	2.9773	1.3857	8.2520	10.4462	84.8530	24	
8.6881	0.84165	1.4430	2.9852	1.3924	8.2650	10.4710	84.4150	25	
8.6554	0.84180	1.4390	3.0034	1.3909	8.2622	10.4673	83.8000	26	
8.6863	0.84000	1.4542	3.0589	1.3967	8.2827	10.4975	84.6030	27	
8.6575	0.83605	1.4486	3.0406	1.3912	8.2645	10.4722	84.8440	30	
8.6329	0.83450	1.4388	3.0107	1.3962	8.2972	10.5113	84.8790	Oct 1	
8.6550	0.83410	1.4458	2.9927	1.3988	8.2728	10.4799	84.5920	2	
8.6214	0.83940	1.4500	2.9973	1.4053	8.3205	10.5415	83.9290	3	
8.6732	0.84690	1.4409	2.9926	1.4042	8.3192	10.5406	83.6320	4	
8.7425	0.84370	1.4421	3.0123	1.4010	8.3055	10.5245	83.9120	7	
8.7023	0.84265	1.4316	2.9847	1.3994	8.3133	10.5271	83.8930	8	

II Euro reference exchange rates of the European Central Bank *

1 Daily rates (cont'd)

EUR 1 = CU ...

		Other European and non-European countries (cont'd)								
		Indonesia	Israel	Japan	Korea, Republic of	Malaysia	Mexico	New Zealand	Norway	
		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 July	1	12,976.37	4.7390	129.99	1,480.20	4.1256	16.8392	1.6774	7.8985	
	2	12,931.59	4.7302	130.08	1,477.94	4.1230	16.9286	1.6769	7.9200	
	3	12,881.45	4.7285	128.85	1,482.67	4.1295	17.0048	1.6743	7.9355	
	4	12,906.59	4.7270	129.64	1,479.92	4.1298	16.8402	1.6655	7.9350	
	5	12,851.20	4.6941	128.97	1,471.44	4.1077	16.6126	1.6450	7.9525	
	8	12,793.67	4.7033	130.04	1,475.65	4.1144	16.7461	1.6573	7.9650	
	9	12,802.21	4.6959	130.07	1,468.89	4.0986	16.5200	1.6359	7.9000	
	10	12,768.65	4.6698	128.44	1,456.31	4.0743	16.5358	1.6316	7.8550	
	11	13,001.45	4.7173	129.63	1,467.17	4.1327	16.7374	1.6588	7.9290	
	12	13,021.77	4.6921	129.75	1,467.36	4.1416	16.7474	1.6572	7.9130	
	15	13,034.32	4.6835	130.68	1,461.48	4.1513	16.6489	1.6803	7.9310	
	16	13,278.42	4.6784	130.35	1,466.21	4.1672	16.5372	1.6670	7.8935	
	17	13,192.75	4.6913	131.15	1,469.11	4.1924	16.6105	1.6725	7.8775	
	18	13,257.46	4.7169	131.22	1,472.39	4.1809	16.3309	1.6621	7.8535	
	19	13,224.81	4.6880	131.67	1,471.58	4.1915	16.3913	1.6471	7.8560	
	22	13,251.38	4.7023	131.47	1,472.90	4.1873	16.4786	1.6600	7.8230	
	23	13,475.30	4.7110	131.91	1,472.84	4.1893	16.5033	1.6528	7.8160	
	24	13,617.35	4.7407	132.60	1,474.50	4.2222	16.5509	1.6606	7.7845	
	25	13,562.29	4.7441	131.81	1,474.04	4.2227	16.7041	1.6423	7.8255	
	26	13,625.16	4.7550	130.84	1,476.07	4.2534	16.7779	1.6455	7.8640	
	29	13,627.27	4.7650	129.91	1,476.78	4.2809	16.8476	1.6444	7.8605	
	30	13,647.83	4.7460	129.99	1,481.52	4.2848	16.9524	1.6606	7.8720	
	31	13,621.57	4.7335	130.00	1,489.98	4.3153	17.0086	1.6648	7.8655	
	Aug	1	13,606.09	4.7074	130.69	1,486.41	4.2918	16.8653	1.6662	7.8345
		2	13,581.57	4.7180	131.78	1,484.93	4.3075	16.9560	1.6765	7.8655
		5	13,635.34	4.7157	130.62	1,475.99	4.2840	16.7893	1.7076	7.8550
		6	13,656.94	4.7127	130.27	1,480.31	4.3116	16.8058	1.6890	7.8610
		7	13,683.68	4.7299	129.21	1,486.17	4.3301	16.8685	1.6826	7.8995
		8	13,743.95	4.7291	128.68	1,486.97	4.3373	16.9438	1.6747	7.8840
		9	13,746.62	4.7168	128.96	1,485.77	4.3522	16.8567	1.6682	7.8170
		12	13,677.29	4.7135	128.66	1,480.85	4.3140	16.7753	1.6580	7.8085
13		13,690.22	4.7171	130.27	1,483.44	4.3305	16.9142	1.6618	7.7960	
14		13,667.59	4.7400	130.17	1,482.39	4.3351	16.8756	1.6501	7.8130	
15		13,833.39	4.7360	130.48	1,487.46	4.3581	17.0135	1.6479	7.8435	
16		14,014.20	4.7435	130.03	1,485.13	4.3718	17.1412	1.6501	7.9015	
19		14,090.74	4.7677	130.72	1,492.06	4.3863	17.3238	1.6453	7.9040	
20		14,367.74	4.7733	130.33	1,499.19	4.4006	17.4437	1.6780	7.9860	
21	14,504.51	4.7710	130.52	1,494.91	4.4080	17.4634	1.6913	8.0535		
22	14,838.60	4.7811	131.45	1,494.58	4.4172	17.6210	1.7049	8.1225		
23	14,723.80	4.8086	132.35	1,489.41	4.4085	17.4804	1.7185	8.0940		
26	14,864.11	4.8200	131.74	1,487.46	4.4187	17.4207	1.7075	8.0830		
27	15,113.86	4.8716	130.07	1,490.42	4.4429	17.8049	1.7136	8.0290		
28	14,961.99	4.8893	130.10	1,491.64	4.4506	17.8076	1.7225	8.0590		
29	14,791.09	4.8075	130.34	1,475.99	4.3754	17.6040	1.7062	8.0490		
30	14,918.52	4.7712	130.01	1,468.90	4.3554	17.6158	1.7041	8.0905		
Sep	2	15,038.00	4.7762	131.09	1,449.66	4.3220	17.5521	1.6900	8.0095	
	3	15,090.59	4.7862	130.98	1,448.93	4.3301	17.6834	1.6860	8.0010	
	4	15,083.43	4.7900	131.06	1,441.40	4.3254	17.5563	1.6698	8.0035	
	5	15,320.53	4.8176	131.64	1,448.64	4.3656	17.7016	1.6754	8.0480	
	6	15,161.44	4.7862	130.71	1,433.50	4.3666	17.4784	1.6505	8.0020	
	9	15,117.97	4.7807	131.30	1,430.56	4.3428	17.3917	1.6485	8.0220	
	10	14,974.81	4.7650	132.80	1,437.47	4.3380	17.2954	1.6432	7.8610	
	11	15,048.94	4.7391	132.96	1,438.79	4.3299	17.3472	1.6467	7.8500	
	12	14,839.90	4.7208	132.18	1,440.98	4.3521	17.4232	1.6334	7.8555	
	13	14,921.54	4.7160	132.43	1,444.97	4.3760	17.4178	1.6323	7.8695	
	16	14,855.82	4.7205	132.05	1,444.54	4.3945	17.2205	1.6267	7.8920	
	17	14,935.24	4.7226	132.44	1,446.12	4.3327	17.2693	1.6249	7.8655	
	18	14,803.24	4.7186	132.18	1,443.31	4.3186	17.2742	1.6242	7.8915	
	19	14,707.55	4.7287	134.09	1,453.69	4.2714	17.0857	1.6137	7.8420	
20	14,974.07	4.7349	134.57	1,457.67	4.2772	17.2736	1.6153	8.0065		
23	15,081.11	4.7654	133.59	1,452.87	4.3145	17.3382	1.6120	7.9710		
24	15,149.99	4.7605	132.92	1,448.27	4.3340	17.3566	1.6261	8.0200		
25	15,497.56	4.8046	133.14	1,454.52	4.3512	17.5292	1.6413	8.1330		
26	15,174.79	4.8077	133.41	1,454.27	4.3391	17.5347	1.6266	8.0625		
27	15,334.60	4.8204	133.28	1,456.70	4.3692	17.8128	1.6373	8.1030		
30	15,425.27	4.7734	131.78	1,451.84	4.4103	17.8462	1.6296	8.1140		
Oct	1	15,390.11	4.7874	132.60	1,456.51	4.3855	17.8057	1.6363	8.1310	
	2	15,305.17	4.7774	131.76	1,452.74	4.3625	17.8303	1.6410	8.1320	
	3	15,362.70	4.8108	132.81	1,455.90	4.3437	17.9098	1.6412	8.1090	
	4	15,281.81	4.8215	132.03	1,458.03	4.3207	17.8150	1.6366	8.1145	
	7	15,225.87	4.8128	131.46	1,455.45	4.3228	17.8770	1.6394	8.1270	
	8	15,153.04	4.8351	131.94	1,458.12	4.3274	17.7394	1.6303	8.0820	

* See Explanatory notes, p 59.

II Euro reference exchange rates of the European Central Bank *

Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United States	Period
Philippine peso PHP	Russian rouble RUB	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY	US dollar USD	
56.239	43.0606	1.6529	12.9526	1.2340	40.382	2.5099	1.3037	2013 July 1
56.329	43.0511	1.6504	12.9389	1.2354	40.314	2.5062	1.3017	2
56.338	43.1000	1.6510	13.0640	1.2285	40.290	2.5264	1.2959	3
56.322	43.1050	1.6525	13.0791	1.2328	40.393	2.5343	1.2984	4
55.882	42.7630	1.6431	12.8890	1.2348	40.131	2.5110	1.2883	5
56.129	42.7520	1.6470	13.0845	1.2404	40.413	2.5025	1.2850	8
55.971	42.3985	1.6435	12.9045	1.2452	40.230	2.4955	1.2857	9
55.555	42.1710	1.6351	12.8710	1.2440	40.066	2.4938	1.2813	10
56.469	42.5405	1.6460	12.9828	1.2414	40.619	2.5359	1.3044	11
56.563	42.6850	1.6500	13.0930	1.2388	40.640	2.5599	1.3034	12
56.495	42.5440	1.6491	12.9362	1.2394	40.571	2.5303	1.3012	15
56.690	42.5644	1.6517	12.8506	1.2371	40.731	2.5231	1.3118	16
56.954	42.6280	1.6599	13.0168	1.2340	40.840	2.5299	1.3136	17
56.806	42.4697	1.6594	12.9075	1.2370	40.706	2.5122	1.3093	18
56.922	42.4580	1.6591	12.9325	1.2361	40.724	2.5227	1.3123	19
56.876	42.5430	1.6618	12.9458	1.2370	40.762	2.5244	1.3166	22
56.915	42.7002	1.6696	12.9495	1.2387	40.805	2.5195	1.3180	23
57.262	42.8003	1.6764	12.7500	1.2388	40.983	2.5278	1.3246	24
57.245	43.0100	1.6740	12.9619	1.2365	41.085	2.5424	1.3202	25
57.345	43.3540	1.6765	12.9164	1.2334	41.292	2.5493	1.3260	26
57.468	43.5560	1.6818	13.0362	1.2330	41.363	2.5535	1.3270	29
57.586	43.7430	1.6872	13.1126	1.2335	41.539	2.5570	1.3284	30
57.697	43.7591	1.6899	13.0740	1.2317	41.537	2.5623	1.3275	31
57.740	43.7150	1.6836	13.0772	1.2317	41.402	2.5635	1.3236	Aug 1
57.603	43.7059	1.6848	13.2330	1.2383	41.444	2.5711	1.3203	2
57.608	43.6085	1.6818	13.0548	1.2352	41.521	2.5630	1.3257	5
57.804	43.6945	1.6842	13.1232	1.2313	41.699	2.5620	1.3280	6
58.258	43.9480	1.6868	13.2109	1.2321	41.831	2.5713	1.3305	7
58.193	44.0086	1.6848	13.1930	1.2307	41.750	2.5708	1.3360	8
58.179	44.0000	1.6829	13.0667	1.2310	41.817	2.5657	1.3373	9
57.970	43.8046	1.6765	13.1175	1.2327	41.487	2.5566	1.3280	12
58.223	43.9468	1.6812	13.2219	1.2358	41.531	2.5624	1.3290	13
57.975	43.8995	1.6835	13.2129	1.2415	41.504	2.5664	1.3243	14
58.205	43.8225	1.6911	13.2225	1.2427	41.593	2.5700	1.3297	15
58.313	43.8860	1.6954	13.3438	1.2354	41.728	2.5844	1.3340	16
58.457	43.9800	1.7026	13.5749	1.2352	41.873	2.6055	1.3344	19
58.775	44.1511	1.7087	13.6055	1.2323	42.399	2.6091	1.3392	20
58.808	44.2007	1.7087	13.6506	1.2310	42.601	2.6185	1.3384	21
58.852	44.1750	1.7091	13.7713	1.2349	42.687	2.6463	1.3323	22
59.013	44.1375	1.7120	13.6968	1.2358	42.749	2.6640	1.3355	23
59.104	44.1000	1.7097	13.6883	1.2352	42.675	2.6698	1.3361	26
59.508	44.2743	1.7135	13.8661	1.2293	42.935	2.7082	1.3338	27
59.659	44.3665	1.7112	13.9236	1.2290	43.111	2.7650	1.3347	28
59.111	44.0150	1.6915	13.6964	1.2308	42.690	2.6943	1.3266	29
58.996	44.0050	1.6867	13.6670	1.2310	42.557	2.6868	1.3235	30
58.572	43.9745	1.6819	13.4816	1.2317	42.309	2.6641	1.3207	Sep 2
58.601	44.0863	1.6836	13.5958	1.2325	42.340	2.6985	1.3172	3
58.353	44.0000	1.6786	13.4904	1.2345	42.417	2.7040	1.3171	4
58.697	44.1225	1.6862	13.5963	1.2390	42.695	2.7421	1.3202	5
58.328	43.8260	1.6770	13.3552	1.2382	42.440	2.7031	1.3117	6
58.098	43.9046	1.6779	13.2238	1.2350	42.478	2.6955	1.3194	9
57.924	43.7732	1.6794	13.2383	1.2392	42.586	2.6766	1.3240	10
57.957	43.5373	1.6833	13.1680	1.2395	42.444	2.6690	1.3268	11
58.199	43.4880	1.6848	13.1940	1.2368	42.176	2.6875	1.3290	12
58.282	43.3445	1.6866	13.2467	1.2376	42.362	2.6955	1.3295	13
58.090	43.0625	1.6824	13.0230	1.2374	42.342	2.6592	1.3357	16
58.194	43.1500	1.6833	13.1380	1.2375	42.379	2.6839	1.3356	17
57.946	43.1380	1.6805	13.1304	1.2370	42.272	2.6704	1.3352	18
58.179	42.8400	1.6857	13.0449	1.2333	41.935	2.6491	1.3545	19
58.339	43.1140	1.6883	13.2300	1.2330	41.920	2.6800	1.3514	20
58.443	43.0200	1.6907	13.2870	1.2323	42.248	2.6880	1.3508	23
58.538	43.0098	1.6918	13.3062	1.2295	42.224	2.6961	1.3473	24
58.610	43.2625	1.6943	13.3655	1.2304	42.251	2.7087	1.3504	25
58.497	43.4502	1.6947	13.4725	1.2288	42.130	2.7210	1.3499	26
58.651	43.8740	1.6985	13.7160	1.2248	42.344	2.7566	1.3537	27
58.765	43.8240	1.6961	13.5985	1.2225	42.264	2.7510	1.3505	30
58.692	43.6540	1.6970	13.6385	1.2253	42.234	2.7270	1.3554	Oct 1
58.699	43.6318	1.6917	13.6652	1.2241	42.287	2.7275	1.3515	2
58.570	43.6915	1.6975	13.7250	1.2276	42.522	2.7241	1.3594	3
58.659	43.7317	1.6942	13.5862	1.2271	42.546	2.7152	1.3593	4
58.501	43.8104	1.6934	13.6152	1.2262	42.592	2.7087	1.3572	7
58.558	43.7462	1.6944	13.4645	1.2284	42.565	2.6939	1.3576	8

II Euro reference exchange rates of the European Central Bank *

2 Monthly averages +

EUR 1 = CU ...

Period	EU member countries											Other Euro-
	Bulgaria	Croatia ¹	Czech Republic	Denmark	Hungary	Latvia	Lithuania	Poland	Romania	Sweden	United Kingdom	Australia
	Bulgarian lev BGN	Croatian kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Latvian lats LVL	Lithuanian litas LTL	Polish zloty PLN	Romanian leu RON	Swedish krona SEK	Pound sterling GBP	Australian dollar AUD
2008 Sep	1.9558	7.1223	24.497	7.4583	240.68	0.7060	3.4528	3.3747	3.6248	9.5637	0.79924	1.7543
Oct	1.9558	7.1639	24.768	7.4545	260.15	0.7093	3.4528	3.5767	3.7479	9.8506	0.78668	1.9345
Nov	1.9558	7.1366	25.193	7.4485	265.32	0.7092	3.4528	3.7326	3.7838	10.1275	0.83063	1.9381
Dec	1.9558	7.2245	26.120	7.4503	265.02	0.7084	3.4528	4.0044	3.9227	10.7538	0.90448	2.0105
2009 Jan	1.9558	7.3603	27.169	7.4519	279.86	0.7043	3.4528	4.2300	4.2354	10.7264	0.91819	1.9633
Feb	1.9558	7.4309	28.461	7.4514	298.30	0.7056	3.4528	4.6467	4.2864	10.9069	0.88691	1.9723
Mar	1.9558	7.4430	27.231	7.4509	304.14	0.7083	3.4528	4.6210	4.2828	11.1767	0.91966	1.9594
Apr	1.9558	7.4172	26.774	7.4491	295.26	0.7093	3.4528	4.4326	4.2041	10.8796	0.89756	1.8504
May	1.9558	7.3515	26.731	7.4468	281.93	0.7092	3.4528	4.4103	4.1700	10.5820	0.88445	1.7831
June	1.9558	7.2954	26.545	7.4457	280.46	0.7015	3.4528	4.5084	4.2131	10.8713	0.85670	1.7463
July	1.9558	7.3307	25.793	7.4458	272.06	0.7006	3.4528	4.2965	4.2184	10.8262	0.86092	1.7504
Aug	1.9558	7.3287	25.646	7.4440	270.05	0.7013	3.4528	4.1311	4.2183	10.2210	0.86265	1.7081
Sep	1.9558	7.3102	25.346	7.4428	271.84	0.7039	3.4528	4.1584	4.2420	10.1976	0.89135	1.6903
Oct	1.9558	7.2419	25.861	7.4438	268.49	0.7088	3.4528	4.2146	4.2871	10.3102	0.91557	1.6341
Nov	1.9558	7.2952	25.812	7.4415	270.92	0.7088	3.4528	4.1646	4.2896	10.3331	0.89892	1.6223
Dec	1.9558	7.2907	26.089	7.4419	273.22	0.7077	3.4528	4.1439	4.2284	10.4085	0.89972	1.6185
2010 Jan	1.9558	7.2938	26.133	7.4424	269.43	0.7088	3.4528	4.0703	4.1383	10.1939	0.88305	1.5624
Feb	1.9558	7.3029	25.979	7.4440	271.21	0.7090	3.4528	4.0144	4.1196	9.9505	0.87604	1.5434
Mar	1.9558	7.2616	25.541	7.4416	265.40	0.7083	3.4528	3.8906	4.0866	9.7277	0.90160	1.4882
Apr	1.9558	7.2594	25.308	7.4428	265.53	0.7076	3.4528	3.8782	4.1306	9.6617	0.87456	1.4463
May	1.9558	7.2630	25.663	7.4413	276.78	0.7075	3.4528	4.0567	4.1767	9.6641	0.85714	1.4436
June	1.9558	7.2225	25.780	7.4409	281.49	0.7082	3.4528	4.1055	4.2434	9.5723	0.82771	1.4315
July	1.9558	7.2198	25.328	7.4522	283.75	0.7090	3.4528	4.0814	4.2608	9.4954	0.83566	1.4586
Aug	1.9558	7.2525	24.806	7.4495	281.45	0.7085	3.4528	3.9899	4.2396	9.4216	0.82363	1.4337
Sep	1.9558	7.2874	24.651	7.4476	282.10	0.7091	3.4528	3.9548	4.2655	9.2241	0.83987	1.3943
Oct	1.9558	7.3277	24.531	7.4567	274.01	0.7094	3.4528	3.9496	4.2787	9.2794	0.87638	1.4164
Nov	1.9558	7.3830	24.633	7.4547	275.51	0.7094	3.4528	3.9520	4.2940	9.3166	0.85510	1.3813
Dec	1.9558	7.3913	25.174	7.4528	277.62	0.7096	3.4528	3.9962	4.2929	9.0559	0.84813	1.3304
2011 Jan	1.9558	7.4008	24.449	7.4518	275.33	0.7034	3.4528	3.8896	4.2624	8.9122	0.84712	1.3417
Feb	1.9558	7.4149	24.277	7.4555	271.15	0.7037	3.4528	3.9264	4.2457	8.7882	0.84635	1.3543
Mar	1.9558	7.3915	24.393	7.4574	270.89	0.7072	3.4528	4.0145	4.1621	8.8864	0.86653	1.3854
Apr	1.9558	7.3639	24.301	7.4574	265.29	0.7092	3.4528	3.9694	4.1004	8.9702	0.88291	1.3662
May	1.9558	7.4052	24.381	7.4566	266.96	0.7093	3.4528	3.9404	4.1142	8.9571	0.87788	1.3437
June	1.9558	7.4065	24.286	7.4579	266.87	0.7091	3.4528	3.9702	4.1937	9.1125	0.88745	1.3567
July	1.9558	7.4316	24.335	7.4560	267.68	0.7092	3.4528	3.9951	4.2413	9.1340	0.88476	1.3249
Aug	1.9558	7.4620	24.273	7.4498	272.37	0.7093	3.4528	4.1195	4.2505	9.1655	0.87668	1.3651
Sep	1.9558	7.4936	24.556	7.4462	285.05	0.7093	3.4528	4.3379	4.2838	9.1343	0.87172	1.3458
Oct	1.9558	7.4849	24.841	7.4442	296.79	0.7061	3.4528	4.3516	4.3244	9.1138	0.87036	1.3525
Nov	1.9558	7.4923	25.464	7.4412	309.15	0.7015	3.4528	4.4324	4.3560	9.1387	0.85740	1.3414
Dec	1.9558	7.5136	25.514	7.4341	304.19	0.6975	3.4528	4.4774	4.3282	9.0184	0.84405	1.3003
2012 Jan	1.9558	7.5543	25.531	7.4353	307.33	0.6990	3.4528	4.3760	4.3417	8.8503	0.83210	1.2405
Feb	1.9558	7.5815	25.042	7.4341	290.68	0.6988	3.4528	4.1835	4.3513	8.8196	0.83696	1.2327
Mar	1.9558	7.5358	24.676	7.4354	292.26	0.6977	3.4528	4.1370	4.3668	8.8873	0.83448	1.2538
Apr	1.9558	7.4991	24.809	7.4393	294.81	0.6993	3.4528	4.1782	4.3789	8.8650	0.82188	1.2718
May	1.9558	7.5383	25.313	7.4335	293.67	0.6981	3.4528	4.2937	4.4412	8.9924	0.80371	1.2825
June	1.9558	7.5434	25.640	7.4325	293.57	0.6969	3.4528	4.2973	4.4626	8.8743	0.80579	1.2550
July	1.9558	7.5006	25.447	7.4384	286.28	0.6963	3.4528	4.1837	4.5549	8.5451	0.78827	1.1931
Aug	1.9558	7.4853	25.021	7.4454	278.93	0.6963	3.4528	4.0934	4.5176	8.2805	0.78884	1.1841
Sep	1.9558	7.4291	24.752	7.4539	284.22	0.6962	3.4528	4.1345	4.5022	8.4929	0.79821	1.2372
Oct	1.9558	7.5140	24.939	7.4582	282.09	0.6962	3.4528	4.1071	4.5624	8.6145	0.80665	1.2596
Nov	1.9558	7.5410	25.365	7.4587	282.26	0.6962	3.4528	4.1321	4.5273	8.6076	0.80389	1.2331
Dec	1.9558	7.5334	25.214	7.4604	285.79	0.6965	3.4528	4.0956	4.4899	8.6512	0.81237	1.2527
2013 Jan	1.9558	7.5746	25.563	7.4614	294.01	0.6978	3.4528	4.1424	4.3835	8.6217	0.83271	1.2658
Feb	1.9558	7.5868	25.475	7.4598	292.73	0.6999	3.4528	4.1700	4.3839	8.5083	0.86250	1.2951
Mar	1.9558	7.5909	25.659	7.4553	303.01	0.7013	3.4528	4.1565	4.3923	8.3470	0.85996	1.2537
Apr	1.9558	7.6076	25.841	7.4553	298.67	0.7006	3.4528	4.1359	4.3780	8.4449	0.85076	1.2539
May	1.9558	7.5684	25.888	7.4536	292.38	0.7002	3.4528	4.1799	4.3360	8.5725	0.84914	1.3133
June	1.9558	7.4901	25.759	7.4576	295.70	0.7019	3.4528	4.2839	4.4803	8.6836	0.85191	1.3978
July	1.9558	7.5061	25.944	7.4579	294.90	0.7024	3.4528	4.2745	4.4244	8.6609	0.86192	1.4279
Aug	1.9558	7.5372	25.818	7.4580	299.46	0.7027	3.4528	4.2299	4.4371	8.7034	0.85904	1.4742
Sep	1.9558	7.5985	25.789	7.4579	299.75	0.7026	3.4528	4.2371	4.4633	8.6758	0.84171	1.4379

* See Explanatory notes, p 59. + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. ¹ Accession to EU on 1 July 2013. ² The ECB has not fixed a euro reference exchange rate for the Icelandic

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

II Euro reference exchange rates of the European Central Bank *

European and non-European countries												
Brazil	Canada	China	Hong Kong	Iceland	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia		Period
Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Hong Kong dollar HKD	Icelandic krona ISK 2	Indian rupee INR 3	Indonesian rupiah IDR	New Israeli sheqel ILS 4	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR		
2.5712	1.5201	9.8252	11.1905	131.33	65.4115	13,430.23	5.0807	153.20	1,630.26	4.9461		2008 Sep
2.9112	1.5646	9.1071	10.3368	274.64	64.5866	13,283.63	4.8854	133.52	1,759.07	4.6895		Oct
2.8967	1.5509	8.6950	9.8687	242.95	62.1436	14,984.85	4.9569	123.28	1,783.12	4.5682		Nov
3.2266	1.6600	9.2205	10.4240	290.00	65.1465	15,276.62	5.2033	122.51	1,850.06	4.7755		Dec
3.0596	1.6233	9.0496	10.2687	–	64.5104	14,802.07	5.1793	119.73	1,801.97	4.7291		2009 Jan
2.9685	1.5940	8.7406	9.9128	–	62.8849	15,233.33	5.2437	118.30	1,843.90	4.6466		Feb
3.0198	1.6470	8.9210	10.1138	–	66.8026	15,477.84	5.4354	127.65	1,894.48	4.7949		Mar
2.9197	1.6188	9.0110	10.2229	–	66.0471	14,552.65	5.5290	130.25	1,760.14	4.7562		Apr
2.8232	1.5712	9.3157	10.5807	–	66.1762	14,137.45	5.5552	131.85	1,710.18	4.8057		May
2.7391	1.5761	9.5786	10.8638	–	66.9191	14,315.40	5.5260	135.39	1,768.80	4.9305		June
2.7221	1.5824	9.6246	10.9182	–	68.2333	14,241.51	5.4784	133.09	1,778.43	4.9963		July
2.6314	1.5522	9.7485	11.0587	–	68.9570	14,270.78	5.4694	135.31	1,768.99	5.0185		Aug
2.6520	1.5752	9.9431	11.2858	–	70.4154	14,346.84	5.4813	133.14	1,768.58	5.0862		Sep
2.5771	1.5619	10.1152	11.4828	–	69.2160	14,057.25	5.5194	133.91	1,739.94	5.0425		Oct
2.5777	1.5805	10.1827	11.5588	–	69.4421	14,115.45	5.6352	132.97	1,735.17	5.0553		Nov
2.5566	1.5397	9.9777	11.3296	–	68.0924	13,830.84	5.5373	131.21	1,703.03	4.9859		Dec
2.5383	1.4879	9.7436	11.0783	–	65.5361	13,263.60	5.2964	130.34	1,624.76	4.8170		2010 Jan
2.5237	1.4454	9.3462	10.6305	–	63.4291	12,786.05	5.1258	123.46	1,582.70	4.6743		Feb
2.4233	1.3889	9.2623	10.5313	–	61.7352	12,434.53	5.0772	123.03	1,542.59	4.5083		Mar
2.3550	1.3467	9.1505	10.4065	–	59.6203	12,101.70	4.9773	125.33	1,494.53	4.2935		Apr
2.2750	1.3060	8.5794	9.7843	–	57.6166	11,517.01	4.7640	115.83	1,465.81	4.0874		May
2.2057	1.2674	8.3245	9.5091	–	56.8582	11,169.39	4.7048	110.99	1,483.22	3.9853		June
2.2600	1.3322	8.6538	9.9308	–	59.8100	11,546.78	4.9236	111.73	1,538.85	4.0924		July
2.2691	1.3411	8.7520	10.0193	–	60.0584	11,573.26	4.8906	110.04	1,522.39	4.0654		Aug
2.2476	1.3515	8.8104	10.1470	–	60.0771	11,716.16	4.8792	110.26	1,517.10	4.0570		Sep
2.3378	1.4152	9.2665	10.7835	–	61.7399	12,407.16	5.0192	113.67	1,560.30	4.3092		Oct
2.3391	1.3831	9.0895	10.5941	–	61.4539	12,224.00	4.9770	112.69	1,544.16	4.2588		Nov
2.2387	1.3327	8.7873	10.2776	–	59.6472	11,925.21	4.7618	110.11	1,513.74	4.1313		Dec
2.2371	1.3277	8.8154	10.3945	–	60.7161	12,077.47	4.7909	110.38	1,495.50	4.0895		2011 Jan
2.2765	1.3484	8.9842	10.6312	–	62.0142	12,165.92	4.9939	112.77	1,524.99	4.1541		Feb
2.3220	1.3672	9.1902	10.9093	–	62.9526	12,263.18	4.9867	114.40	1,568.05	4.2483		Mar
2.2889	1.3834	9.4274	11.2269	–	64.1128	12,493.48	4.9573	120.42	1,567.52	4.3502		Apr
2.3131	1.3885	9.3198	11.1551	–	64.4735	12,290.33	4.9740	116.47	1,555.99	4.3272		May
2.2850	1.4063	9.3161	11.2021	–	64.5200	12,327.02	4.9169	115.75	1,555.32	4.3585		June
2.2329	1.3638	9.2121	11.1104	–	63.3537	12,171.27	4.8801	113.26	1,510.29	4.2716		July
2.2888	1.4071	9.1857	11.1846	–	65.0717	12,249.95	5.0841	110.43	1,542.01	4.2822		Aug
2.3946	1.3794	8.7994	10.7333	–	65.5964	12,118.49	5.0788	105.75	1,544.04	4.2456		Sep
2.4336	1.3981	8.7308	10.6616	–	67.5519	12,150.54	5.0253	105.06	1,578.17	4.2963		Oct
2.4210	1.3897	8.6154	10.5495	–	68.8330	12,214.99	5.0521	105.02	1,537.42	4.2756		Nov
2.4175	1.3481	8.3563	10.2496	–	69.2066	11,965.40	4.9725	102.55	1,513.26	4.1639		Dec
2.3084	1.3073	8.1465	10.0187	–	66.0601	11,709.25	4.9141	99.33	1,474.96	4.0151		2012 Jan
2.2729	1.3193	8.3314	10.2553	–	65.0589	11,913.82	4.9474	103.77	1,485.58	3.9978		Feb
2.3674	1.3121	8.3326	10.2474	–	66.5399	12,082.50	4.9679	108.88	1,487.83	4.0229		Mar
2.4405	1.3068	8.2921	10.2163	–	68.1939	12,068.69	4.9362	107.00	1,495.40	4.0277		Apr
2.5357	1.2916	8.0806	9.9291	–	69.6407	11,913.51	4.8974	101.97	1,481.36	3.9688		May
2.5658	1.2874	7.9676	9.7192	–	70.1673	11,830.22	4.8763	99.26	1,458.61	3.9836		June
2.4914	1.2461	7.8288	9.5308	–	68.1061	11,605.16	4.9042	97.07	1,404.11	3.8914		July
2.5170	1.2315	7.8864	9.6177	–	68.8632	11,777.55	4.9779	97.58	1,403.93	3.8643		Aug
2.6066	1.2583	8.1273	9.9686	–	70.0452	12,287.93	5.0717	100.49	1,444.65	3.9599		Sep
2.6333	1.2801	8.1390	10.0574	–	68.8589	12,457.30	4.9976	102.47	1,435.37	3.9649		Oct
2.6512	1.2787	7.9998	9.9423	–	70.3250	12,343.83	4.9970	103.94	1,395.13	3.9230		Nov
2.7264	1.2984	8.1809	10.1679	–	71.6946	12,643.37	4.9570	109.71	1,411.41	4.0075		Dec
2.6993	1.3189	8.2698	10.3027	–	72.0716	12,837.99	4.9706	118.34	1,417.69	4.0413		2013 Jan
2.6354	1.3477	8.3282	10.3608	–	71.9342	12,933.75	4.9359	124.40	1,452.82	4.1403		Feb
2.5694	1.3285	8.0599	10.0588	–	70.5579	12,590.61	4.7769	122.99	1,430.31	4.0309		Mar
2.6060	1.3268	8.0564	10.1110	–	70.7738	12,664.51	4.7164	127.54	1,460.89	3.9686		Apr
2.6414	1.3257	7.9715	10.0766	–	71.4760	12,673.13	4.7223	131.13	1,444.56	3.9200		May
2.8613	1.3596	8.0905	10.2349	–	77.0284	13,033.31	4.7865	128.40	1,498.33	4.1488		June
2.9438	1.3619	8.0234	10.1455	–	78.1762	13,189.17	4.7153	130.39	1,473.35	4.1746		July
3.1170	1.3853	8.1477	10.3223	–	83.9480	14,168.72	4.7610	130.34	1,485.93	4.3631		Aug
3.0345	1.3817	8.1690	10.3504	–	85.2678	15,073.16	4.7636	132.41	1,446.60	4.3410		Sep

II Euro reference exchange rates of the European Central Bank *

2 Monthly averages + (cont'd)

EUR 1 = CU ...

Other European and non-European countries (cont'd)											
Period	Mexico 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 Sep	15.2805	2.1293	8.1566	67.113	36.3727	2.0549	11.5899	1.5942	49.264	1.7843	1.4370
Oct	16.8177	2.1891	8.5928	63.882	35.2144	1.9666	12.9341	1.5194	45.872	1.9612	1.3322
Nov	16.6735	2.2554	8.8094	62.496	34.7964	1.9183	12.8785	1.5162	44.677	2.0342	1.2732
Dec	18.0764	2.4119	9.4228	64.505	37.8999	1.9888	13.4275	1.5393	47.107	2.0894	1.3449
2009 Jan	18.3762	2.4132	9.2164	62.354	42.3282	1.9742	13.1255	1.4935	46.218	2.1233	1.3239
Feb	18.6536	2.4851	8.7838	60.832	45.8079	1.9411	12.8005	1.4904	45.156	2.1280	1.2785
Mar	19.1278	2.4527	8.8388	63.105	45.1451	1.9949	12.9870	1.5083	46.667	2.2340	1.3050
Apr	17.7645	2.3123	8.7867	63.462	44.2135	1.9823	11.8784	1.5147	46.741	2.1277	1.3190
May	17.9969	2.2663	8.7943	64.600	43.5678	1.9939	11.4475	1.5118	47.241	2.1251	1.3650
June	18.6813	2.1967	8.9388	67.036	43.5553	2.0357	11.2718	1.5148	47.844	2.1675	1.4016
July	18.8143	2.1873	8.9494	67.724	44.3881	2.0421	11.2007	1.5202	47.969	2.1378	1.4088
Aug	18.5571	2.1097	8.6602	68.803	45.1972	2.0577	11.3415	1.5236	48.543	2.1236	1.4268
Sep	19.5255	2.0691	8.5964	69.967	44.7624	2.0720	10.9495	1.5148	49.239	2.1711	1.4562
Oct	19.5856	2.0065	8.3596	69.419	43.6188	2.0714	11.0938	1.5138	49.504	2.1823	1.4816
Nov	19.5478	2.0450	8.4143	70.165	43.1835	2.0711	11.2134	1.5105	49.634	2.2262	1.4914
Dec	18.7787	2.0383	8.4066	67.706	43.9019	2.0392	10.9261	1.5021	48.544	2.2013	1.4614
2010 Jan	18.2820	1.9646	8.1817	65.702	42.5749	1.9930	10.6492	1.4765	47.150	2.1028	1.4272
Feb	17.7154	1.9615	8.0971	63.317	41.2845	1.9326	10.4964	1.4671	45.360	2.0756	1.3686
Mar	17.0587	1.9301	8.0369	61.999	40.1219	1.8990	10.0589	1.4482	44.111	2.0821	1.3569
Apr	16.3957	1.8814	7.9323	59.788	39.1335	1.8505	9.8658	1.4337	43.279	1.9983	1.3406
May	15.9856	1.8010	7.8907	57.315	38.2707	1.7503	9.6117	1.4181	40.714	1.9459	1.2565
June	15.5346	1.7667	7.9062	56.594	38.1507	1.7081	9.3398	1.3767	39.635	1.9274	1.2209
July	16.3699	1.7925	8.0201	59.072	39.1317	1.7588	9.6351	1.3460	41.273	1.9669	1.2770
Aug	16.4571	1.8059	7.9325	58.245	39.1898	1.7482	9.4192	1.3413	40.937	1.9484	1.2894
Sep	16.7361	1.7955	7.9156	57.772	40.2564	1.7439	9.3236	1.3089	40.264	1.9528	1.3067
Oct	17.2845	1.8498	8.1110	60.285	42.1471	1.8116	9.6165	1.3452	41.636	1.9800	1.3898
Nov	16.8386	1.7703	8.1463	59.485	42.3360	1.7739	9.5320	1.3442	40.826	1.9717	1.3661
Dec	16.3797	1.7587	7.9020	58.050	40.7385	1.7262	9.0143	1.2811	39.805	2.0159	1.3220
2011 Jan	16.1926	1.7435	7.8199	59.089	40.2557	1.7193	9.2652	1.2779	40.827	2.0919	1.3360
Feb	16.4727	1.7925	7.8206	59.558	39.9469	1.7421	9.8126	1.2974	41.918	2.1702	1.3649
Mar	16.8063	1.8877	7.8295	60.870	39.8061	1.7757	9.6862	1.2867	42.506	2.2108	1.3999
Apr	16.9211	1.8331	7.8065	62.361	40.5363	1.8024	9.7200	1.2977	43.434	2.1975	1.4442
May	16.7177	1.8024	7.8384	61.953	40.0573	1.7763	9.8461	1.2537	43.398	2.2603	1.4349
June	16.9931	1.7666	7.8302	62.468	40.2670	1.7763	9.7807	1.2092	43.923	2.3077	1.4388
July	16.6491	1.6877	7.7829	60.961	39.8343	1.7359	9.7000	1.1766	42.949	2.3654	1.4264
Aug	17.5456	1.7108	7.7882	60.836	41.2954	1.7340	10.1532	1.1203	42.875	2.5147	1.4343
Sep	17.9370	1.6932	7.7243	59.322	42.3239	1.7229	10.3956	1.2005	41.902	2.4736	1.3770
Oct	18.4315	1.7361	7.7474	59.412	42.8569	1.7493	10.9188	1.2295	42.297	2.5089	1.3706
Nov	18.5646	1.7584	7.7868	58.743	41.8082	1.7476	11.0547	1.2307	41.969	2.4565	1.3556
Dec	18.1174	1.7102	7.7451	57.537	41.5686	1.7070	10.7829	1.2276	41.099	2.4632	1.3179
2012 Jan	17.3140	1.6132	7.6752	56.208	40.4394	1.6510	10.3405	1.2108	40.718	2.3759	1.2905
Feb	16.9159	1.5845	7.5522	56.419	39.4232	1.6585	10.1289	1.2071	40.614	2.3264	1.3224
Mar	16.8239	1.6104	7.5315	56.634	38.7804	1.6624	10.0475	1.2061	40.557	2.3631	1.3201
Apr	17.1900	1.6095	7.5698	56.145	38.8087	1.6459	10.3060	1.2023	40.639	2.3520	1.3162
May	17.4237	1.6538	7.5655	54.908	39.5585	1.6152	10.4412	1.2012	40.077	2.3149	1.2789
June	17.4529	1.6062	7.5401	53.510	41.1766	1.6016	10.5050	1.2011	39.640	2.2837	1.2526
July	16.4263	1.5390	7.4579	51.452	39.9467	1.5494	10.1379	1.2011	38.873	2.2281	1.2288
Aug	16.3600	1.5306	7.3239	52.173	39.6334	1.5480	10.2585	1.2011	38.974	2.2291	1.2400
Sep	16.6413	1.5721	7.3945	53.629	40.4006	1.5837	10.6512	1.2089	39.842	2.3177	1.2856
Oct	16.7207	1.5817	7.4076	53.691	40.3558	1.5879	11.2215	1.2098	39.811	2.3384	1.2974
Nov	16.7689	1.5660	7.3371	52.716	40.2505	1.5695	11.2986	1.2052	39.391	2.3010	1.2828
Dec	16.8664	1.5777	7.3503	53.796	40.3114	1.6009	11.3179	1.2091	40.187	2.3439	1.3119
2013 Jan	16.8760	1.5877	7.3821	54.105	40.1847	1.6326	11.6957	1.2288	39.924	2.3543	1.3288
Feb	16.9872	1.5929	7.4232	54.355	40.3342	1.6546	11.8796	1.2298	39.839	2.3738	1.3359
Mar	16.2322	1.5657	7.4863	52.813	39.9332	1.6164	11.9169	1.2266	38.264	2.3453	1.2964
Apr	15.8895	1.5348	7.5444	53.649	40.7995	1.6120	11.8592	1.2199	37.857	2.3406	1.3026
May	15.9776	1.5774	7.5589	53.693	40.6842	1.6219	12.1798	1.2418	38.667	2.3739	1.2982
June	17.0716	1.6682	7.7394	56.658	42.6490	1.6613	13.2088	1.2322	40.664	2.5028	1.3189
July	16.6893	1.6590	7.8837	56.698	42.8590	1.6595	12.9674	1.2366	40.714	2.5274	1.3080
Aug	17.1996	1.6829	7.9386	58.471	43.9748	1.6941	13.4190	1.2338	42.072	2.6125	1.3310
Sep	17.4471	1.6406	7.9725	58.346	43.5144	1.6860	13.3287	1.2338	42.312	2.6952	1.3348

* See Explanatory notes, p 59. + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. 1 Up to end-2008, New Turkish lira.

II Euro reference exchange rates of the European Central Bank *

3 End-of-year rates and annual averages

EUR 1 = CU ...

Period	EU member countries									
	Bulgaria Bulgarian lev BGN 2	Croatia 1 Croatian kuna HRK 3	Cyprus Cyprus pound CYP 4	Czech Republic Czech koruna CZK	Denmark Danish krone DKK	Estonia Estonian kroon EEK 4	Greece Greek drachma GRD 4	Hungary Hungarian forint HUF	Latvia Latvian lats LVL 2	Lithuania Lithuanian litas LTL 2
	End of year									
1999			0.57667	36.103	7.4433	15.6466	330.30	254.70	0.5881	4.0169
2000	1.9543	7.5800	0.57369	35.047	7.4631	15.6466	340.75	265.00	0.5764	3.7229
2001	1.9463	7.3490	0.57504	31.962	7.4365	15.6466	–	245.18	0.5563	3.5228
2002	1.9546	7.4750	0.57316	31.577	7.4288	15.6466	–	236.29	0.6140	3.4525
2003	1.9557	7.6451	0.58637	32.410	7.4450	15.6466	–	262.50	0.6725	3.4524
2004	1.9559	7.6650	0.58000	30.464	7.4388	15.6466	–	245.97	0.6979	3.4528
2005	1.9563	7.3715	0.57350	29.000	7.4605	15.6466	–	252.87	0.6962	3.4528
2006	1.9558	7.3504	0.57820	27.485	7.4560	15.6466	–	251.77	0.6972	3.4528
2007	1.9558	7.3308	0.585274	26.628	7.4583	15.6466	–	253.73	0.6964	3.4528
2008	1.9558	7.3555	–	26.875	7.4506	15.6466	–	266.70	0.7083	3.4528
2009	1.9558	7.3000	–	26.473	7.4418	15.6466	–	270.42	0.7093	3.4528
2010	1.9558	7.3830	–	25.061	7.4535	15.6466	–	277.95	0.7094	3.4528
2011	1.9558	7.5370	–	25.787	7.4342	–	–	314.58	0.6995	3.4528
2012	1.9558	7.5575	–	25.151	7.4610	–	–	292.30	0.6977	3.4528
	Annual averages +									
1999			0.57884	36.884	7.4355	15.6466	325.76	252.77	0.6256	4.2641
2000	5 1.9477	6 7.6410	0.57392	35.599	7.4538	15.6466	336.63	260.04	0.5592	3.6952
2001	1.9482	7.4820	0.57589	34.068	7.4521	15.6466	–	256.59	0.5601	3.5823
2002	1.9492	7.4130	0.57530	30.804	7.4305	15.6466	–	242.96	0.5810	3.4594
2003	1.9490	7.5688	0.58409	31.846	7.4307	15.6466	–	253.62	0.6407	3.4527
2004	1.9533	7.4967	0.58185	31.891	7.4399	15.6466	–	251.66	0.6652	3.4529
2005	1.9558	7.4008	0.57683	29.782	7.4518	15.6466	–	248.05	0.6962	3.4528
2006	1.9558	7.3247	0.57578	28.342	7.4591	15.6466	–	264.26	0.6962	3.4528
2007	1.9558	7.3376	0.58263	27.766	7.4506	15.6466	–	251.35	0.7001	3.4528
2008	1.9558	7.2239	–	24.946	7.4560	15.6466	–	251.51	0.7027	3.4528
2009	1.9558	7.3400	–	26.435	7.4462	15.6466	–	280.33	0.7057	3.4528
2010	1.9558	7.2891	–	25.284	7.4473	15.6466	–	275.48	0.7087	3.4528
2011	1.9558	7.4390	–	24.590	7.4506	–	–	279.37	0.7063	3.4528
2012	1.9558	7.5217	–	25.149	7.4437	–	–	289.25	0.6973	3.4528

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

* See Explanatory notes, p 59. + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. 1 Accession to EU on 1 July 2013. 2 Up to September 2000, ECB indicative rates. 3 Up to March 2005, ECB indicative rates. 4 Accession to the euro area, see p 7 (Table I 1). 5 Average from 19 July to 29 December 2000. 6 Average from 13 January to 29 December

2000. 7 Currency conversion effective from 1 July 2005: ROL 10,000 = RON 1; to calculate the annual average for 2005, the rates set in (old) Romanian lei were converted at a rate of 10,000:1 and included in the calculation. 8 Up to December 2007, ECB indicative rates.

II Euro reference exchange rates of the European Central Bank *

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

EUR 1 = CU ...

Other European and non-European countries (cont'd)										
	China	Hong Kong	Iceland	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia	Mexico
Period	Chinese yuan renminbi CNY ¹	Hong Kong dollar HKD ²	Icelandic krona ISK ^{2 3}	Indian rupee INR ⁴	Indonesian rupiah IDR ¹	New Israeli sheqel ILS ⁵	Japanese yen JPY	South Korean won KRW ²	Malaysian ringgit MYR ¹	Mexican peso MXN ⁶
End of year										
1999	.	7.8033	72.83	.	7,052.77	.	102.73	1,137.28	3.8148	9.5320
2000	7.7017	7.2578	78.80	43.4290	9,077.75	3.7620	106.92	1,177.08	3.5380	8.9255
2001	7.2945	6.8723	91.48	42.4950	9,227.43	3.8746	115.33	1,161.55	3.3475	8.0466
2002	8.6801	8.1781	84.74	50.2930	9,387.21	4.9708	124.39	1,243.76	3.9857	10.9605
2003	10.4539	9.8049	89.46	57.5780	10,643.10	5.5424	135.05	1,506.32	4.8019	14.1807
2004	11.2741	10.5881	83.60	59.2590	12,653.91	5.8922	139.65	1,410.05	5.1802	15.2235
2005	9.5204	9.1474	74.57	53.1130	11,596.45	5.4334	138.90	1,184.42	4.4584	12.5945
2006	10.2793	10.2409	93.13	58.2180	11,844.44	5.5677	156.93	1,224.81	4.6490	14.2899
2007	10.7524	11.4800	91.90	57.8620	13,826.70	5.6539	164.93	1,377.96	4.8682	16.0732
2008	9.4956	10.7858	³ -	67.4370	15,239.12	5.2919	126.14	1,839.13	4.8048	19.2339
2009	9.8350	11.1709	-	67.0400	13,626.13	5.4524	133.16	1,666.97	4.9326	18.9223
2010	8.8220	10.3856	-	59.7580	12,002.14	4.7321	108.65	1,499.06	4.0950	16.5475
2011	8.1588	10.0510	-	68.7130	11,731.47	4.9453	100.20	1,498.69	4.1055	18.0512
2012	8.2207	10.2260	-	72.5600	12,713.97	4.9258	113.61	1,406.23	4.0347	17.1845
Annual averages ⁺										
1999	.	8.2694	77.18	.	8,386.62	.	121.32	1,267.26	4.0498	10.1945
2000	⁷ 7.6168	7.1973	72.58	⁷ 41.3561	7,731.57	⁷ 3.7506	99.47	1,043.50	3.5101	8.7361
2001	7.4131	6.9855	87.42	42.2471	9,167.71	3.7672	108.68	1,154.83	3.4036	8.3710
2002	7.8265	7.3750	86.18	45.9248	8,785.12	4.4800	118.06	1,175.50	3.5933	9.1628
2003	9.3626	8.8079	86.65	52.6100	9,685.54	5.1340	130.97	1,346.90	4.2983	12.2144
2004	10.2967	9.6881	87.14	56.3008	11,127.34	5.5706	134.44	1,422.62	4.7273	14.0386
2005	10.1955	9.6768	78.23	54.8117	12,072.83	5.5807	136.85	1,273.61	4.7119	13.5643
2006	10.0096	9.7545	87.76	56.8435	11,512.37	5.5920	146.02	1,198.58	4.6044	13.6936
2007	10.4178	10.6912	87.63	56.4186	12,528.33	5.6278	161.25	1,272.99	4.7076	14.9743
2008	10.2236	11.4541	³ 143.83	63.6143	14,165.16	5.2561	152.45	1,606.09	4.8893	16.2911
2009	9.5277	10.8114	-	67.3611	14,443.74	5.4668	130.34	1,772.90	4.9079	18.7989
2010	8.9712	10.2994	-	60.5878	12,041.70	4.9457	116.24	1,531.82	4.2668	16.7373
2011	8.9960	10.8362	-	64.8859	12,206.51	4.9775	110.96	1,541.23	4.2558	17.2877
2012	8.1052	9.9663	-	68.5973	12,045.73	4.9536	102.49	1,447.69	3.9672	16.9029

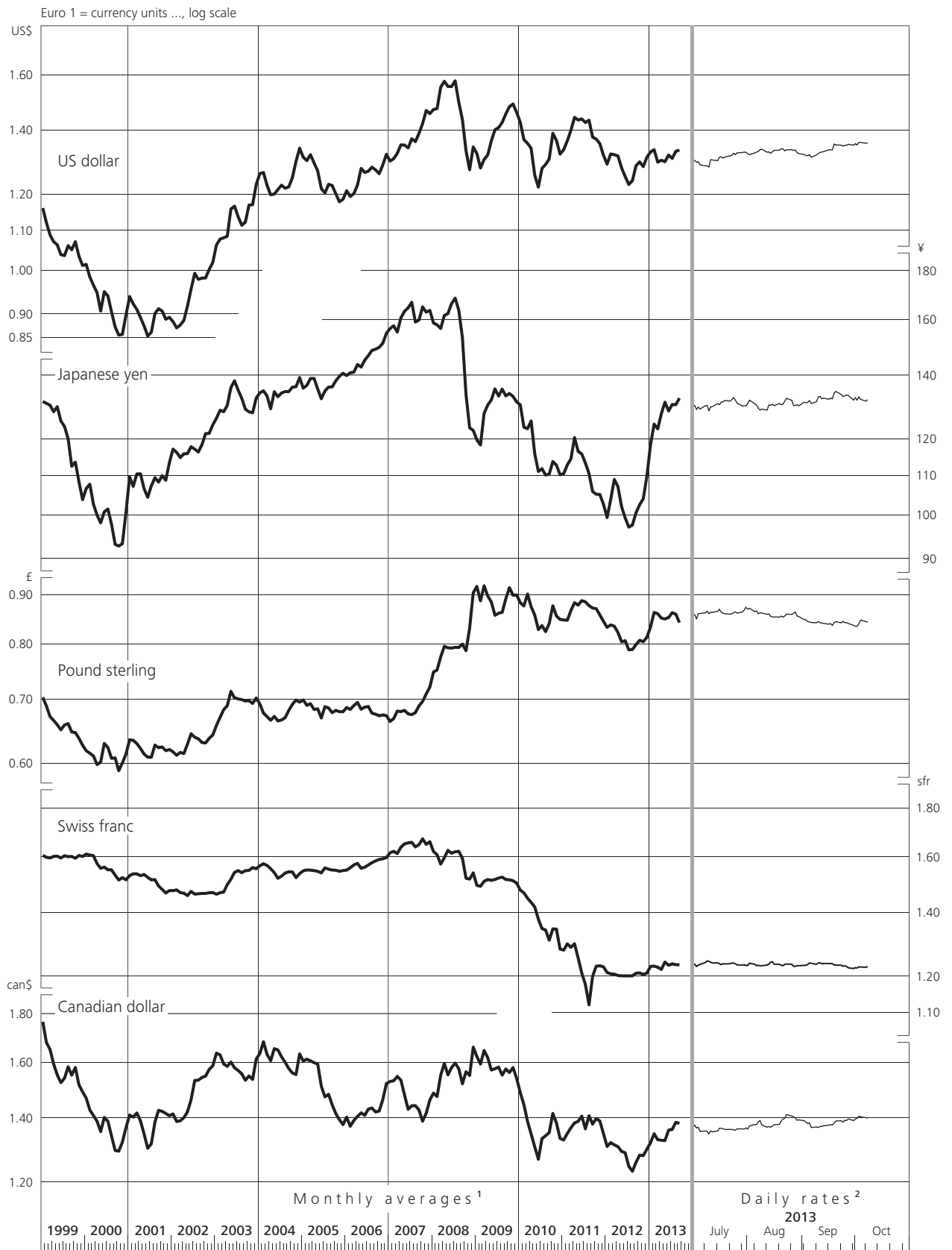
Other European and non-European countries (cont'd)										
	New Zealand	Norway	Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United States
	New Zealand dollar NZD	Norwegian krone NOK	Philippine peso PHP ¹	Russian rouble RUB ¹	Singapore dollar SGD ²	South African rand ZAR ²	Swiss franc CHF	Thai baht THB ¹	Turkish lira / New Turkish lira TRL / TRY ^{2 8}	US dollar USD
End of year										
1999	1.9357	8.0765	40.407	27.6689	1.6718	6.1870	1.6051	37.598	544,641	1.0046
2000	2.1120	8.2335	46.562	26.6746	1.6126	7.0392	1.5232	40.291	624,267	0.9305
2001	2.1215	7.9515	45.437	26.8631	1.6306	10.4302	1.4829	38.945	1,269,500	0.8813
2002	1.9975	7.2756	56.318	33.5108	1.8199	9.0094	1.4524	45.237	1,738,000	1.0487
2003	1.9244	8.4141	70.171	36.9555	2.1450	8.3276	1.5579	50.041	1,771,638	1.2630
2004	1.8871	8.2365	76.510	37.7879	2.2262	7.6897	1.5429	53.042	1,836,200	1.3621
2005	1.7270	7.9850	62.719	33.9200	1.9628	7.4642	1.5551	48.437	⁸ 1,5924	1.1797
2006	1.8725	8.2380	64.546	34.6800	2.0202	9.2124	1.6069	46.770	1,8640	1.3170
2007	1.9024	7.9580	60.724	35.9860	2.1163	10.0298	1.6547	43.800	1,7170	1.4721
2008	2.4191	9.7500	65.930	41.2830	2.0040	13.0667	1.4850	48.285	2,1488	1.3917
2009	1.9803	8.3000	66.507	43.1540	2.0194	10.6660	1.4836	47.986	2,1547	1.4406
2010	1.7200	7.8000	58.300	40.8200	1.7136	8.8625	1.2504	40.170	2,0694	1.3362
2011	1.6737	7.7540	56.754	41.7650	1.6819	10.4830	1.2156	40.991	2,4432	1.2939
2012	1.6045	7.3483	54.107	40.3295	1.6111	11.1727	1.2072	40.347	2,3551	1.3194
Annual averages ⁺										
1999	2.0145	8.3104	41.675	26.5187	1.8064	6.5188	1.6003	40.335	447,238	1.0658
2000	2.0288	8.1129	40.737	26.0182	1.5923	6.3899	1.5579	37.032	574,816	0.9236
2001	2.1300	8.0484	45.660	26.1510	1.6039	7.6873	1.5105	39.841	1,102,425	0.8956
2002	2.0366	7.5086	48.837	29.7028	1.6912	9.9072	1.4670	40.637	1,439,680	0.9456
2003	1.9438	8.0033	61.336	34.6699	1.9703	8.5317	1.5212	46.923	1,694,851	1.1312
2004	1.8731	8.3697	69.727	35.8192	2.1016	8.0092	1.5438	50.077	1,777,052	1.2439
2005	1.7660	8.0092	68.494	35.1884	2.0702	7.9183	1.5483	50.068	⁸ 1,6771	1.2441
2006	1.9373	8.0472	64.379	34.1117	1.9941	8.5312	1.5729	47.594	1,8090	1.2556
2007	1.8627	8.0165	63.026	35.0183	2.0636	9.6596	1.6427	44.214	1,7865	1.3705
2008	2.0770	8.2237	65.172	36.4207	2.0762	12.0590	1.5874	48.475	1,9064	1.4708
2009	2.2121	8.7278	66.338	44.1376	2.0241	11.6737	1.5100	47.804	2,1631	1.3948
2010	1.8377	8.0043	59.739	40.2629	1.8055	9.6984	1.3803	42.014	1,9965	1.3257
2011	1.7600	7.7934	60.260	40.8846	1.7489	10.0970	1.2326	42.429	2,3378	1.3920
2012	1.5867	7.4751	54.246	39.9262	1.6055	10.5511	1.2053	39.928	2,3135	1.2848

* See Explanatory notes, p 59. + 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: September 2013. ² Last updated: 8 October 2013.

III Effective exchange rates of the euro *

1 Annual and monthly averages

1999 Q1 = 100

Period	Effective exchange rate of the euro ¹				<i>Memo item</i> Indicators of the German economy's price competitiveness based on consumer price indices					
	EER-21		EER-40		24 selected industrial countries			37 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	96.1	96.5	95.8	98.2	100.0	95.8	98.0	97.7	
2000	87.0	86.6	87.9	85.8	92.9	99.0	85.7	91.9	90.9	
2001	87.7	87.2	90.4	87.1	92.9	98.1	86.8	91.4	90.8	
2002	90.1	90.4	94.9	90.7	93.5	96.9	89.6	91.9	91.8	
2003	100.6	101.5	106.8	101.6	97.0	95.7	99.2	96.5	96.7	
2004	104.4	105.2	111.4	105.2	98.4	95.4	102.9	98.0	98.2	
2005	102.9	103.7	109.4	102.7	98.4	95.2	103.3	96.9	96.5	
2006	102.8	103.7	109.4	102.0	98.5	94.8	104.2	96.4	95.8	
2007	106.2	106.4	112.8	104.0	100.8	95.1	109.8	97.8	96.9	
2008	109.3	108.4	117.0	105.9	102.2	94.5	114.9	97.7	97.0	
2009	110.6	109.0	119.8	106.8	101.7	94.4	113.8	97.9	97.4	
2010	103.6	101.5	111.5	98.1	98.8	94.0	106.1	93.8	92.2	
2011	103.4	100.6	112.2	97.6	98.2	93.7	105.2	93.1	91.7	
2012	97.9	95.1	107.1	92.5	96.0	93.2	99.7	90.3	88.8	
2009 June	111.0	109.5	120.1	107.2	101.9	94.6	114.0	98.2	97.7	
July	110.6	108.9	119.8	106.6	101.8	94.5	113.7	97.8	97.2	
Aug	110.5	108.9	119.9	106.7	101.9	94.5	114.0	97.8	97.3	
Sep	111.7	109.8	121.2	107.6	102.1	94.4	114.9	98.1	97.6	
Oct	113.0	111.0	122.1	108.3	102.6	94.4	116.4	98.8	98.1	
Nov	112.9	110.8	122.0	108.1	102.3	94.3	115.9	98.6	97.9	
Dec	111.8	109.6	120.9	106.8	102.2	94.5	115.1	98.2	97.4	
2010 Jan	109.7	107.5	118.3	104.4	101.2	94.3	112.7	97.0	95.9	
Feb	106.9	104.6	115.5	101.6	100.2	94.2	109.7	95.5	94.3	
Mar	106.2	104.2	114.3	100.8	100.2	94.2	109.7	95.2	93.8	
Apr	104.9	103.0	112.6	99.3	99.5	93.9	108.3	94.3	92.7	
May	101.8	99.9	109.1	96.2	98.2	94.0	104.5	93.0	91.2	
June	99.8	97.9	107.0	94.4	97.2	94.0	101.6	92.1	90.3	
July	101.6	99.6	109.2	96.3	97.7	94.0	103.2	92.9	91.2	
Aug	101.2	99.2	108.9	95.9	97.6	93.9	102.8	92.6	90.9	
Sep	101.5	99.4	109.3	96.0	97.7	93.9	103.2	92.7	91.0	
Oct	104.9	102.5	113.0	99.0	99.1	93.9	107.3	94.2	92.6	
Nov	103.7	101.1	111.8	97.7	98.8	94.0	106.1	93.6	92.0	
Dec	101.7	99.1	109.4	95.6	97.9	94.0	103.4	92.8	91.0	
2011 Jan	101.4	98.9	109.4	95.5	97.8	93.9	103.5	92.4	90.7	
Feb	102.4	99.7	110.7	96.4	98.1	93.8	104.5	92.8	91.2	
Mar	104.1	101.6	112.4	98.2	98.6	93.8	106.1	93.5	91.9	
Apr	105.8	103.3	114.1	99.7	99.6	93.8	108.7	94.3	92.8	
May	104.9	102.0	113.3	98.6	99.0	93.7	107.2	93.7	92.1	
June	105.0	102.0	113.5	98.7	99.0	93.7	107.2	93.7	92.2	
July	104.0	100.8	112.4	97.6	98.6	93.7	106.1	93.3	91.7	
Aug	103.9	100.6	113.0	97.9	98.1	93.6	105.0	93.0	91.8	
Sep	102.8	99.9	112.1	97.4	97.8	93.6	103.8	92.7	91.6	
Oct	103.0	100.2	112.6	97.9	97.9	93.6	104.2	92.9	91.8	
Nov	102.6	99.8	112.1	97.3	97.7	93.6	103.7	92.8	91.6	
Dec	100.8	98.1	110.3	95.7	96.9	93.4	101.8	91.8	90.6	
2012 Jan	99.0	96.1	108.1	93.5	96.2	93.4	100.0	90.8	89.4	
Feb	99.7	96.8	108.4	93.8	96.8	93.5	101.5	91.3	89.7	
Mar	99.9	96.8	108.7	93.8	96.8	93.3	101.9	91.1	89.6	
Apr	99.5	96.5	108.5	93.6	96.7	93.3	101.4	91.1	89.5	
May	98.1	95.2	107.3	92.6	95.9	93.2	99.5	90.4	88.9	
June	97.2	94.6	106.7	92.2	95.5	93.1	98.5	89.9	88.6	
July	95.4	92.9	104.3	90.4	94.8	93.1	96.8	89.1	87.5	
Aug	95.3	92.6	104.5	90.2	94.9	93.1	96.9	89.0	87.5	
Sep	97.2	94.4	106.6	91.9	95.6	93.1	98.9	89.9	88.5	
Oct	97.8	95.0	107.3	92.4	95.9	92.9	99.9	90.1	88.6	
Nov	97.3	94.6	106.7	92.0	95.9	93.0	99.7	90.0	88.5	
Dec	98.7	96.0	108.3	93.3	96.6	93.0	101.6	90.6	89.2	
2013 Jan	100.4	97.7	109.9	94.6	97.5	93.1	104.0	91.5	89.9	
Feb	101.7	98.8	111.2	95.5	98.1	93.2	105.6	92.0	90.4	
Mar	100.2	97.6	109.5	94.2	97.7	93.2	104.4	91.5	89.7	
Apr	100.5	98.0	109.8	94.5	97.5	92.9	104.5	91.2	89.5	
May	100.6	98.2	110.0	p 94.7	98.1	93.2	105.5	91.7	p 89.9	
June	101.6	99.0	112.0	p 96.3	98.2	93.2	105.9	92.1	p 90.8	
July	101.5	p 99.0	112.0	p 96.2	98.4	93.3	106.3	p 92.2	p 90.8	
Aug	102.2	p 99.7	113.4	p 97.4	p 98.5	93.2	p 106.7	p 92.4	p 91.3	
Sep	102.0	p 99.5	113.3	p 97.3	p 98.4	p 93.2	p 106.5	p 92.3	p 91.3	

* See Explanatory notes, p 59. 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			
					July 2013	August 2013	September 2013	
Afghanistan								
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 50.9650	AFN 55.2500	AFN 56.5300	AFN 57.3900	
		S	USD 1 =	AFN 51.0650	AFN 55.3500	AFN 56.6300	AFN 57.4900	
	AFN	B	EUR 1 =	AFN 65.5450	AFN 72.5300	AFN 74.3000	AFN 77.0500	
		S	EUR 1 =	AFN 65.8050	AFN 72.7900	AFN 74.5600	AFN 77.3100	
	Albania							
	Tirana 070	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 108.09	ALL 105.58	ALL 105.71	ALL 104.76
M			EUR 1 =	ALL 139.11	ALL 140.20	ALL 139.98	ALL 141.37	
Algeria								
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 77.6012	DZD 79.5926	DZD 81.1593	DZD 81.3153	
		S	USD 1 =	DZD 77.6162	DZD 79.6076	DZD 81.1743	DZD 81.3303	
	DZD	B	EUR 1 =	DZD 102.0723	DZD 105.2612	DZD 107.4306	DZD 110.1090	
		S	EUR 1 =	DZD 102.1099	DZD 105.2970	DZD 107.4829	DZD 110.1538	
Angola								
Luanda 330	Kwanza = 100 cêntimos	B	USD 1 =	AOA 95.191	AOA 95.710	AOA 95.811	AOA 97.151	
		S	USD 1 =	AOA 95.667	AOA 96.189	AOA 96.290	AOA 97.636	
	AOA	B	EUR 1 =	AOA 122.768	AOA 127.218	AOA 127.016	AOA 131.328	
		S	EUR 1 =	AOA 123.352	AOA 127.845	AOA 127.642	AOA 131.975	
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 3.5686	XCD 3.5578	XCD 3.6304	
		V, S	EUR 1 =	XCD 3.4907	XCD 3.6067	XCD 3.5958	XCD 3.6692	
Argentina								
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 4.5123	ARS 5.4650	ARS 5.6320	ARS 5.7530	
		S	USD 1 =	ARS 4.5523	ARS 5.5050	ARS 5.6720	ARS 5.7930	
	ARS	B	EUR 1 =	ARS 5.7934	ARS 7.2553	ARS 7.4348	ARS 7.7781	
		S	EUR 1 =	ARS 5.8530	ARS 7.3222	ARS 7.5018	ARS 7.8466	
Armenia								
Yerevan 077	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 401.73	AMD 409.75	AMD 406.24	AMD 405.29	
		M	EUR 1 =	AMD 517.27	AMD 543.94	AMD 537.66	AMD 546.82	
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 236.43	AWG 235.72	AWG 240.53	
		S	EUR 100 =	AWG 232.66	AWG 238.81	AWG 238.09	AWG 242.95	

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. 1 Explanatory notes on individual countries, see pp 63–65.

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		
					July 2013	August 2013	September 2013
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 1.0375	USD 0.9037	USD 0.8947	USD 0.9309
		M	AUD 1 =	EUR 0.8043	EUR 0.6817	EUR 0.6756	EUR 0.6900
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3275	USD 1.3235	USD 1.3505
Azerbaijan							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 0.7856	AZN 0.7845	AZN 0.7844	AZN 0.7845
		M	EUR 1 =	AZN 1.0112	AZN 1.0399	AZN 1.0386	AZN 1.0593
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 1.29610	BSD 1.29470	BSD 1.32050
		S	EUR 1 =	BSD 1.32017	BSD 1.35490	BSD 1.35350	BSD 1.37930
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 0.4854947	BHD 0.4891128	BHD 0.4935360
		S	EUR 1 =	BHD 0.5011680	BHD 0.5155253	BHD 0.5193672	BHD 0.5240640
Bangladesh 1							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 81.3708	BDT 77.0500	BDT 77.1500	BDT 77.3000
		S	USD 1 =	BDT 82.3502	BDT 78.0400	BDT 78.1400	BDT 78.2900
		B	EUR 1 =	BDT 104.1215	BDT 100.7659	BDT 102.9107	BDT 103.0202
		S	EUR 1 =	BDT 107.5168	BDT 104.8091	BDT 106.9539	BDT 107.0634
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 2.64048	BBD 2.63650	BBD 2.69146
		S	EUR 1 =	BBD 2.61572	BBD 2.68999	BBD 2.68593	BBD 2.74192
Belarus							
Minsk 073	Belarusian rouble BYR	M	USD 1 =	BYR 8,342.50	BYR 8,880.00	BYR 8,990.00	BYR 9,080.00
		M	EUR 1 =	BYR 10,734.17	BYR 11,780.00	BYR 11,920.00	BYR 12,250.00

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. 1 Explanatory notes on individual countries, see pp 63–65.

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		
					July 2013	August 2013	September 2013
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3275	USD 1.3235	USD 1.3505
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 2.6213	BZD 2.6199	BZD 2.6829
			EUR 1 =	BZD 2.6026	BZD 2.6675	BZD 2.6661	BZD 2.7303
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 1.3222	BMD 1.3182	BMD 1.3451
			EUR 1 =	BMD 1.2903	BMD 1.3332	BMD 1.3292	BMD 1.3563
Bhutan ¹							
Thimphu 675	Ngultrum = 100 chhetrum BTN	B S	USD 1 =	BTN 53.39	BTN 59.96	BTN 66.04	BTN 62.09
			USD 1 =	BTN 53.77	BTN 60.37	BTN 66.52	BTN 62.53
		B S	EUR 1 =	BTN 68.89	BTN 79.59	BTN 87.46	BTN 83.86
			EUR 1 =	BTN 69.35	BTN 80.12	BTN 88.09	BTN 84.44
Bolivia, Plurinational State of							
Sucre Seat of Government: La Paz 516	Boliviano = 100 centavos BOB	B S	USD 1 =	BOB 6.86	BOB 6.86	BOB 6.86	BOB 6.86
			USD 1 =	BOB 6.96	BOB 6.96	BOB 6.96	BOB 6.96
		V, B V, S	EUR 1 =	BOB 8.8154	BOB 9.1067	BOB 9.0792	BOB 9.2644
			EUR 1 =	BOB 8.9439	BOB 9.2394	BOB 9.2116	BOB 9.3995
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga BAM	B S	USD 1 =	BAM 1.511291	BAM 1.468639	BAM 1.474077	BAM 1.441191
			USD 1 =	BAM 1.518866	BAM 1.476001	BAM 1.481465	BAM 1.448415
		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 0.1171	USD 0.1146	USD 0.1168
			BWP 1 =	USD 0.1314	USD 0.1168	USD 0.1143	USD 0.1165
		B S	BWP 1 =	EUR 0.1019	EUR 0.0886	EUR 0.0865	EUR 0.0862
			BWP 1 =	EUR 0.1017	EUR 0.0884	EUR 0.0863	EUR 0.0860

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65. 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		
					July 2013	August 2013	September 2013
Brazil							
Brasilia 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 1.9544	BRL 2.2897	BRL 2.3719	BRL 2.2294
		S	USD 1 =	BRL 1.9550	BRL 2.2903	BRL 2.3725	BRL 2.2300
	BRL	B	EUR 1 =	BRL 2.5267	BRL 3.0435	BRL 3.1297	BRL 3.0170
		S	EUR 1 =	BRL 2.5277	BRL 3.0452	BRL 3.1308	BRL 3.0181
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.2350	BND 1.2603	BND 1.2639	BND 1.2472
		S	USD 1 =	BND 1.2560	BND 1.2813	BND 1.2849	BND 1.2680
	BND	B	EUR 1 =	BND 1.5838	BND 1.6598	BND 1.6613	BND 1.6716
		S	EUR 1 =	BND 1.6405	BND 1.7164	BND 1.7177	BND 1.7280
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.52364	BGN 1.47332	BGN 1.47777	BGN 1.44823
		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 1,522.1250	BIF 1,523.7090	BIF 1,523.8971
		S	USD 1 =	BIF 1,468.7426	BIF 1,552.8750	BIF 1,554.4910	BIF 1,554.6829
	BIF	B	EUR 1 =	BIF 1,851.3854	BIF 2,017.7289	BIF 2,017.8478	BIF 2,057.0325
		S	EUR 1 =	BIF 1,898.2559	BIF 2,058.4911	BIF 2,058.6124	BIF 2,098.5887
Cambodia							
Phnom Penh 696	Riel = 100 sen KHR	M	USD 1 =	KHR 4,034	KHR 4,062	KHR 4,062	KHR 4,062
		B	EUR 1 =	KHR 5,201	KHR 5,388	KHR 5,376	KHR 5,481
		S	EUR 1 =	KHR 5,201	KHR 5,442	KHR 5,430	KHR 5,536
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 1.0287	CAD 1.0553	CAD 1.0285
		M	EUR 1 =	CAD 1.2898	CAD 1.3675	CAD 1.3926	CAD 1.3920
Cape Verde							
Praia 247	Cape Verde escudo = 100 centavos CVE	B	USD 1 =	CVE 85.447	CVE 82.905	CVE 83.017	CVE 81.354
		S	USD 1 =	CVE 85.649	CVE 83.107	CVE 83.219	CVE 81.556
		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 59. ¹ Explanatory notes on individual countries, see pp 63–65.
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		
					July 2013	August 2013	September 2013
Cayman Islands							
George Town 463	Cayman Islands dollar = 100 cents KYD	2 V	KYD 1 =	USD 1.20	USD 1.20	USD 1.20	USD 1.20
			EUR 1 =	KYD 1.0707	KYD 1.1063	KYD 1.1029	KYD 1.1254
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 M	USD 1 =	CLP 485.89	CLP 514.34	CLP 511.65	CLP 502.97
			EUR 1 =	CLP 624.33	CLP 681.97	CLP 677.41	CLP 680.06
China							
Peking / Beijing 720	Chinese yuan renminbi = 10 jiao = 100 fen CNY	M M M	USD 1 =	CNY 6.3128	CNY 6.1788	CNY 6.1709	CNY 6.1480
			EUR 1 =	CNY 8.1423	CNY 8.1925	CNY 8.1693	CNY 8.2983
			HKD 1 =	CNY 0.81380	CNY 0.79672	CNY 0.79569	CNY 0.79287
China (Taiwan)							
Taipeh 736	New Taiwan dollar = 100 cents TWD	B S B S	USD 1 =	TWD 29.48	TWD 29.90	TWD 29.85	TWD 29.51
			USD 1 =	TWD 29.58	TWD 30.00	TWD 29.95	TWD 29.61
			EUR 1 =	TWD 37.78	TWD 39.54	TWD 39.42	TWD 39.71
			EUR 1 =	TWD 38.18	TWD 39.94	TWD 39.82	TWD 40.11
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	B S V, B V, S	USD 1 =	COP 1,794.93	COP 1,889.92	COP 1,942.64	COP 1,914.16
			USD 1 =	COP 1,795.84	COP 1,890.73	COP 1,943.44	COP 1,915.13
			EUR 1 =	COP 2,306.34	COP 2,508.87	COP 2,571.08	COP 2,585.07
			EUR 1 =	COP 2,307.52	COP 2,509.94	COP 2,572.14	COP 2,586.38
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 59. ¹ Explanatory notes on individual countries, see pp 63–65.
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		
					July 2013	August 2013	September 2013
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 900.5358	CDF 898.0816	CDF 897.6160	CDF 903.1852
		S	USD 1 =	CDF 937.2923	CDF 934.7380	CDF 934.2534	CDF 940.0499
	CDF	B	EUR 1 =	CDF 1,161.1351	CDF 1,189.4711	CDF 1,188.2463	CDF 1,224.9127
		S	EUR 1 =	CDF 1,208.5644	CDF 1,238.0209	CDF 1,236.7462	CDF 1,274.9091
Cook Islands ¹							
Avarua 837	Cook Islands dollar = 100 cents NZD	² B	NZD 1 =	EUR 0.6404	EUR 0.6134	EUR 0.5990	EUR 0.6257
		S	NZD 1 =	EUR 0.6183	EUR 0.5905	EUR 0.5765	EUR 0.6025
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 497.23	CRC 492.99	CRC 497.14	CRC 493.51
		S	USD 1 =	CRC 508.28	CRC 504.44	CRC 510.03	CRC 505.57
	CRC	V, B	EUR 1 =	CRC 643.1158	CRC 654.4442	CRC 657.9648	CRC 666.4853
		V, S	EUR 1 =	CRC 657.4196	CRC 669.6441	CRC 675.0247	CRC 682.7723
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 5.628279	HRK 5.690818	HRK 5.625470
		S	USD 1 =	HRK 5.865864	HRK 5.662151	HRK 5.725066	HRK 5.659324
	HRK	B	EUR 1 =	HRK 7.505111	HRK 7.467601	HRK 7.531229	HRK 7.588758
		S	EUR 1 =	HRK 7.550278	HRK 7.512541	HRK 7.576553	HRK 7.634428
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 1.28431	CUC 1.28126	CUC 1.31138
		S	EUR 1 =	CUC 1.33220	CUC 1.37063	CUC 1.36739	CUC 1.39953
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 236.43	ANG 235.72	ANG 240.53
		S	EUR 100 =	ANG 234.98	ANG 241.20	ANG 240.47	ANG 245.38
Cyprus ¹							
Nicosia 600	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3275	USD 1.3235	USD 1.3505
Czech Republic							
Prague 061	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 19.583	CZK 19.505	CZK 19.445	CZK 19.054
		M	EUR 1 =	CZK 25.115	CZK 25.860	CZK 25.735	CZK 25.735

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65. 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		
					July 2013	August 2013	September 2013
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 579.72	DKK 561.54	DKK 563.61	DKK 552.24
			EUR 100 =	DKK 744.52	DKK 745.45	DKK 745.94	DKK 745.80
Djibouti							
Djibouti 338	Djibouti franc = 100 centimes DJF	B	USD 1 =	DJF 176.832	DJF 176.832	DJF 176.832	DJF 176.832
			S	USD 1 =	DJF 179.498	DJF 179.498	DJF 179.498
		B	EUR 1 =	DJF 226.77	DJF 232.80	DJF 234.15	DJF 237.15
			S	EUR 1 =	DJF 235.41	DJF 241.42	DJF 242.82	DJF 245.90
Dominica							
Roseau 460	East Caribbean dollar = 100 cents XCD	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
			S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169
		V, B	EUR 1 =	XCD 3.4538	XCD 3.5686	XCD 3.5578	XCD 3.6304
			V, S	EUR 1 =	XCD 3.4907	XCD 3.6067	XCD 3.5958	XCD 3.6692
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 39.2889	DOP 42.0605	DOP 42.8604	DOP 42.4343
			S	USD 1 =	DOP 39.3785	DOP 42.1781	DOP 42.5303
		V, B	EUR 1 =	DOP 50.8090	DOP 55.8353	DOP 56.7257	DOP 57.3075
			V, S	EUR 1 =	DOP 50.9253	DOP 55.9914	DOP 56.8773	DOP 57.4372
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 6.0758	EGP 7.0008	EGP 6.9856	EGP 6.8915
			S	USD 1 =	EGP 6.1016	EGP 7.0309	EGP 7.0157	EGP 6.9216
		B	EUR 1 =	EGP 7.7897	EGP 9.2533	EGP 9.2258	EGP 9.2628
			S	EUR 1 =	EGP 7.9739	EGP 9.5623	EGP 9.5479	EGP 9.5146
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 11.6156	SVC 11.5806	SVC 11.8169
Equatorial Guinea 1							
Malabo 310	CFA franc XAF	2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Eritrea							
Asmara 336	Nakfa = 100 cents ERN	B	USD 1 =	ERN 15.0000	ERN 15.0000	ERN 15.0000	ERN 15.0000
			S	USD 1 =	ERN 15.7500	ERN 15.7500	ERN 15.7500
		B	EUR 1 =	ERN 19.3804	ERN 19.9305	ERN 19.8840	ERN 20.2575
			S	EUR 1 =	ERN 20.1399	ERN 20.6900	ERN 20.6435	ERN 21.0170
Estonia							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3275	USD 1.3235	USD 1.3505

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. 1 Explanatory notes on individual countries, see pp 63–65. 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		
					July 2013	August 2013	September 2013
Ethiopia							
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 17.737600	ETB 18.7075	ETB 18.7669	ETB 18.8255
		S	USD 1 =	ETB 18.092358	ETB 19.0817	ETB 19.1422	ETB 19.2020
	ETB	B	EUR 1 =	ETB 22.886367	ETB 24.8529	ETB 24.8847	ETB 25.4577
S		EUR 1 =	ETB 23.344083	ETB 25.3500	ETB 25.3824	ETB 25.9669	
Falkland Islands (Islas Malvinas)							
Stanley 529	Falkland Islands pound = 100 pence FKP	² V	USD 1 =	FKP 0.63113	FKP 0.65800	FKP 0.64522	FKP 0.61907
		² V	EUR 1 =	FKP 0.81087	FKP 0.87350	FKP 0.85395	FKP 0.83605
Fiji							
Suva 815	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.5676	USD 0.5361	USD 0.5301	USD 0.5460
		S	FJD 1 =	USD 0.5506	USD 0.5191	USD 0.5131	USD 0.5290
	FJD	B	FJD 1 =	EUR 0.4396	EUR 0.4034	EUR 0.3995	EUR 0.4040
		S	FJD 1 =	EUR 0.4276	EUR 0.3914	EUR 0.3875	EUR 0.3920
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3275	USD 1.3235	USD 1.3505
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3275	USD 1.3235	USD 1.3505
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 32.95	GMD 33.50	GMD 34.45
		S	USD 1 =	.	GMD 33.15	GMD 35.00	GMD 35.00
	GMD	B	EUR 1 =	.	GMD 43.74 V	GMD 44.00	GMD 44.50
		S	EUR 1 =	.	GMD 44.01 V	GMD 47.00	GMD 46.50
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 =	GEL 1.6524	GEL 1.6540	GEL 1.6615	GEL 1.6644
		M	EUR 1 =	GEL 2.1268	GEL 2.1949	GEL 2.1993	GEL 2.2474
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3275	USD 1.3235	USD 1.3505

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65. ² Value (1:1) against the pound sterling. 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		
					July 2013	August 2013	September 2013
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas	B	USD 1 =	GHS 1.8191	GHS 1.9912	GHS 1.9952	GHS 1.9975
		S	USD 1 =	GHS 1.8535	GHS 1.9937	GHS 1.9978	GHS 2.0000
	GHS	B	EUR 1 =	GHS 2.3494	GHS 2.6423	GHS 2.6385	GHS 2.7045
		S	EUR 1 =	GHS 2.3937	GHS 2.6446	GHS 2.6415	GHS 2.7076
Gibraltar							
Gibraltar 044	Gibraltar pound = 100 pence GIP	2 V	USD 1 =	GIP 0.63113	GIP 0.65800	GIP 0.64522	GIP 0.61907
		2 V	EUR 1 =	GIP 0.81087	GIP 0.87350	GIP 0.85395	GIP 0.83605
Greece							
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3275	USD 1.3235	USD 1.3505
Grenada							
St George's 473	East Caribbean dollar = 100 cents XCD	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	V, B V, S	EUR 1 = EUR 1 =	XCD 3.4538 XCD 3.4907	XCD 3.5686 XCD 3.6067	XCD 3.5578 XCD 3.5958	XCD 3.6304 XCD 3.6692	
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ	M	USD 1 =	GTQ 7.83980	GTQ 7.84368	GTQ 7.96343	GTQ 7.93365
		V, M	EUR 1 =	GTQ 10.13717	GTQ 10.41249	GTQ 10.53960	GTQ 10.71439
Guinea							
Conakry 260	Guinean franc GNF	B	USD 1 =	GNF 6,664.2067	GNF 6,555.7032	GNF 6,543.8256	GNF 6,549.4885
		S	USD 1 =	GNF 7,076.4257	GNF 6,961.2107	GNF 6,948.5983	GNF 6,954.6116
	B	EUR 1 =	GNF 8,612.2704	GNF 8,692.2069	GNF 8,680.2537	GNF 8,832.0507	
	S	EUR 1 =	GNF 9,144.9881	GNF 9,229.8692	GNF 9,217.1766	GNF 9,378.3632	
Guinea Bissau ¹							
Bissau 257	CFA franc XOF	3	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Guyana							
Georgetown 488	Guyana dollar = 100 cents GYD	B	USD 1 =	GYD 203.84	GYD 204.49	GYD 204.99	GYD 204.99
		S	USD 1 =	GYD 206.27	GYD 206.92	GYD 207.43	GYD 207.43
	B	EUR 1 =	GYD 263.48	GYD 271.07	GYD 271.34	GYD 276.53	
	S	EUR 1 =	GYD 266.82	GYD 274.50	GYD 274.78	GYD 280.03	

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. **1** Explanatory notes on individual countries, see pp 63–65. **2** Value (1:1) against the pound sterling. **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		
					July 2013	August 2013	September 2013
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 42.0110	HTG 43.7326	HTG 43.7555	HTG 43.7429
		V, M	EUR 1 =	HTG 54.3233	HTG 58.0550	HTG 57.9104	HTG 59.0748
Honduras							
Tegucigalpa 424	Lempira = 100 centavos HNL	B	USD 1 =	HNL 19.5386	HNL 20.4632	HNL 20.4743	HNL 20.5467
		S	USD 1 =	HNL 19.6750	HNL 20.6059	HNL 20.6174	HNL 20.6833
		V, B	EUR 1 =	HNL 25.2644	HNL 27.1649	HNL 27.0977	HNL 27.7483
		V, S	EUR 1 =	HNL 25.4407	HNL 27.3543	HNL 27.2871	HNL 27.9328
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.74472	HKD 7.74320	HKD 7.74330	HKD 7.74220
		S	USD 1 =	HKD 7.76801	HKD 7.76530	HKD 7.76540	HKD 7.76430
		B	EUR 1 =	HKD 9.99419	HKD 10.25278	HKD 10.23338	HKD 10.43288
		S	EUR 1 =	HKD 10.06214	HKD 10.31282	HKD 10.29342	HKD 10.49292
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 225.37	HUF 225.79	HUF 226.92	HUF 221.06
		M	EUR 1 =	HUF 288.05	HUF 300.05	HUF 300.56	HUF 298.48
Iceland							
Reykjavik 024	Icelandic krona ISK	B	USD 1 =	ISK 126.59	ISK 118.99	ISK 119.58	ISK 120.78
		S	USD 1 =	ISK 127.20	ISK 119.55	ISK 120.16	ISK 121.36
		B	EUR 1 =	ISK 160.29	ISK 157.64	ISK 158.23	ISK 162.93
		S	EUR 1 =	ISK 161.18	ISK 158.52	ISK 159.11	ISK 163.85
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	B	USD 1 =	INR 52.99	INR 60.60	INR 65.55	INR 62.05
		S	USD 1 =	INR 53.82	INR 61.44	INR 66.70	INR 62.89
		B	EUR 1 =	INR 68.23	INR 79.99	INR 86.53	INR 83.46
		S	EUR 1 =	INR 69.80	INR 81.72	INR 88.71	INR 85.22
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 9,359.88	IDR 10,227.00	IDR 10,869.00	IDR 11,555.00
		S	USD 1 =	IDR 9,453.71	IDR 10,329.00	IDR 10,979.00	IDR 11,671.00
		B	EUR 1 =	IDR 12,098.85	IDR 13,566.12	IDR 14,395.99	IDR 15,592.32
		S	EUR 1 =	IDR 12,223.43	IDR 13,702.45	IDR 14,544.98	IDR 15,750.01
Iran, Islamic Republic of ¹							
Tehran 616	Iranian rial = 100 dinars IRR	M	USD 1 =	IRR 12,260	IRR 24,790	IRR 24,812	IRR 24,812
		M	EUR 1 =	IRR 15,844	IRR 32,868	IRR 32,808	IRR 33,512

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65.

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			
					July 2013	August 2013	September 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 1,548.140	IQD 1,555.482	IQD 1,577.625	
		S	EUR 1 =	IQD 1,501.973	IQD 1,548.914	IQD 1,556.260	IQD 1,578.414	
	Ireland							
	Dublin 007	Euro = 100 cent	M	EUR 1 =	USD 1.2848	USD 1.3275	USD 1.3235	USD 1.3505
EUR								
Israel								
Jerusalem 624	New Israeli sheqel = 100 agorot	M	USD 1 =	ILS 3.8580	ILS 3.5660	ILS 3.6140	ILS 3.5370	
		M	EUR 1 =	ILS 4.9645	ILS 4.7269	ILS 4.7838	ILS 4.7734	
	ILS							
Italy								
Rome 005	Euro = 100 cent	M	EUR 1 =	USD 1.2848	USD 1.3275	USD 1.3235	USD 1.3505	
	EUR							
Jamaica								
Kingston 464	Jamaican dollar = 100 cents	B	USD 1 =	JMD 88.7233	JMD 101.3621	JMD 101.6506	JMD 102.8744	
		S	USD 1 =	JMD 89.2293	JMD 101.8550	JMD 102.0800	JMD 103.5953	
	JMD	B	EUR 1 =	JMD 114.3491	JMD 134.1373	JMD 134.1849	JMD 139.1200	
		S	EUR 1 =	JMD 114.9744	JMD 134.9749	JMD 135.0276	JMD 140.1552	
	Japan							
	Tokyo 732	Japanese yen = 100 sen	B	USD 1 =	JPY 78.75	JPY 97.08	JPY 97.36	JPY 96.75
S			USD 1 =	JPY 80.75	JPY 99.08	JPY 99.36	JPY 98.75	
JPY		B	EUR 1 =	JPY 101.96	JPY 128.55	JPY 128.74	JPY 130.37	
		S	EUR 1 =	JPY 104.96	JPY 131.55	JPY 131.74	JPY 133.37	
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 0.93746	JOD 0.93760	JOD 0.95368	
		S	EUR 1 =	JOD 0.91907	JOD 0.94430	JOD 0.94735	JOD 0.95928	
	Kazakhstan							
	Astana 079	Tenge = 100 tiyn	M	USD 1 =	KZT 149.16	KZT 153.13	KZT 152.81	KZT 153.62
KZT		M	EUR 1 =	KZT 191.85	KZT 203.20	KZT 202.70	KZT 207.56	
Kenya ¹								
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 84.5576	KES 87.1839	KES 87.5078	KES 86.5417	
		S	USD 1 =	KES 84.7455	KES 87.3756	KES 87.6856	KES 86.7500	
	KES	B	EUR 1 =	KES 109.2470	KES 115.6068	KES 115.9223	KES 116.7278	
		S	EUR 1 =	KES 109.5186	KES 115.8988	KES 116.1867	KES 117.0372	

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		
					July 2013	August 2013	September 2013
Kiribati ¹							
Bairiki / Tarawa 812	Australian dollar / Kiribati = 100 cents AUD	² M	AUD 1 =	EUR 0.8043	EUR 0.6817	EUR 0.6756	EUR 0.6900
Korea, Democratic People's Republic of							
Pyongyang 724	North Korean won = 100 chon KPW	B S	USD 1 = USD 1 =	KPW 101.28 KPW 101.80	KPW . KPW .	KPW 99.47 KPW 100.22	KPW 98.44 KPW 99.18
		B S	EUR 1 = EUR 1 =	KPW 130.28 KPW 130.95	KPW . KPW .	KPW 131.60 KPW 132.58	KPW 132.90 KPW 133.90
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 1,112.50 KRW 1,134.50	KRW 1,099.20 KRW 1,120.80	KRW 1,064.20 KRW 1,085.20
		B S	EUR 1 = EUR 1 =	KRW 1,431.95 KRW 1,460.87	KRW 1,474.42 KRW 1,504.20	KRW 1,455.06 KRW 1,484.44	KRW 1,435.50 KRW 1,464.48
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils KWD	B S	USD 1 = USD 1 =	KWD 0.27847 KWD 0.28228	KWD 0.28310 KWD 0.28670	KWD 0.28230 KWD 0.28640	KWD 0.28150 KWD 0.28510
		B S	EUR 1 = EUR 1 =	KWD 0.359199 KWD 0.364109	KWD 0.375221 KWD 0.379992	KWD 0.374189 KWD 0.379623	KWD 0.379912 KWD 0.384771
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tyiyn KGS	M	USD 1 =	KGS 46.9602	KGS 48.8745	KGS 48.7107	KGS 48.6197
		M	EUR 1 =	KGS 60.4458	KGS 64.8613	KGS 64.6147	KGS 65.6731
Lao People's Democratic Republic							
Vientiane 684	Kip LAK	B S	USD 1 = USD 1 =	LAK 7,987 LAK 8,023	LAK 7,787 LAK 7,806	LAK 7,829 LAK 7,855	LAK 7,837 LAK 7,863
		B S	EUR 1 = EUR 1 =	LAK 10,292 LAK 10,341	LAK 10,293 LAK 10,342	LAK 10,348 LAK 10,397	LAK 10,554 LAK 10,604
Latvia							
Riga 054	Latvian lats = 100 santims LVL	M	USD 1 =	LVL 0.5469	LVL 0.5300	LVL 0.5280	LVL 0.5210
		M	EUR 1 =	LVL 0.702804	LVL 0.702804	LVL 0.702804	LVL 0.702804
Lebanon							
Beirut 604	Lebanese pound = 100 piastres LBP	M	USD 1 =	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50
		M	EUR 1 =	LBP 1,941.40	LBP 1,998.04	LBP 1,997.29	LBP 2,035.13

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65. 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		
					July 2013	August 2013	September 2013
Lesotho ¹							
Maseru 395	Loti = 100 lisente LSL	M	USD 1 =	LSL 8.1972	LSL 9.9115	LSL 10.2528	LSL 10.0379
		M	EUR 1 =	LSL 10.5883	LSL 13.1018	LSL 13.5522	LSL 13.5997
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents LRD	B	USD 1 =	LRD 73.17	LRD 77.00	LRD 79.00	LRD 79.50
		S	USD 1 =	LRD 74.17	LRD 78.00	LRD 80.00	LRD 80.50
		V, B	EUR 1 =	LRD 94.6024	LRD 102.2175	LRD 104.5565	LRD 107.3648
		V, S	EUR 1 =	LRD 95.8956	LRD 103.5450	LRD 105.8800	LRD 108.7153
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham LYD	B	USD 1 =	LYD 1.2566	LYD 1.2736	LYD 1.2688	LYD 1.2566
		S	USD 1 =	LYD 1.2629	LYD 1.2799	LYD 1.2751	LYD 1.2629
		B	EUR 1 =	LYD 1.6218	LYD 1.6891	LYD 1.6891	LYD 1.6960
		S	EUR 1 =	LYD 1.6300	LYD 1.6976	LYD 1.6976	LYD 1.7045
Lithuania							
Vilnius 055	Lithuanian litas = 100 centas LTL	M	USD 1 =	LTL 2.6870	LTL 2.6039	LTL 2.6007	LTL 2.5588
		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 1.3275	USD 1.3235	USD 1.3505
Macao ¹							
Macao 743	Pataca = 100 avos MOP	B	USD 1 =	MOP 7.9392	MOP 7.9381	MOP 7.9383	MOP 7.9368
		S	USD 1 =	MOP 8.0390	MOP 8.0380	MOP 8.0382	MOP 8.0367
		B	EUR 1 =	MOP 10.2481	MOP 10.5260	MOP 10.5103	MOP 10.7123
		S	EUR 1 =	MOP 10.3770	MOP 10.6584	MOP 10.6426	MOP 10.8470
Macedonia ¹							
Skopje 096	Macedonian denar = 100 deni MKD	B	USD 1 =	MKD 47.6094	MKD 46.0748	MKD 46.2405	MKD 45.2042
		S	USD 1 =	MKD 48.0879	MKD 46.5378	MKD 46.7053	MKD 45.6585
		B	EUR 1 =	MKD 61.2187	MKD 61.2057	MKD 61.1994	MKD 61.1929
S	EUR 1 =	MKD 61.8339	MKD 61.8209	MKD 61.8144	MKD 61.8079		
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 2,196.26	MGA 2,187.94	MGA 2,185.43	MGA 2,225.61
		M	EUR 1 =	MGA 2,824.67	MGA 2,879.41	MGA 2,884.79	MGA 2,913.80
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala MWK	B	USD 1 =	MWK 250.9565	MWK 322.5312	MWK 327.1238	MWK 359.0284
		S	USD 1 =	MWK 256.0263	MWK 342.4130	MWK 348.0544	MWK 383.9170
		B	EUR 1 =	MWK 322.5716	MWK 427.7731	MWK 433.1447	MWK 484.4729
		S	EUR 1 =	MWK 329.0882	MWK 454.1424	MWK 460.8588	MWK 518.0576

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65.

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		
					July 2013	August 2013	September 2013
Malaysia							
Kuala Lumpur Seat of Government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 3.0568	MYR 3.2098	MYR 3.2597	MYR 3.2192
		S	USD 1 =	MYR 3.1220	MYR 3.2812	MYR 3.3323	MYR 3.2908
	MYR	B	EUR 1 =	MYR 3.9294	MYR 4.2492	MYR 4.3065	MYR 4.3358
		S	EUR 1 =	MYR 4.0329	MYR 4.3611	MYR 4.4200	MYR 4.4501
Maldives							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.39	MVR 15.41	MVR 15.36	MVR 15.36
		V, M	EUR 1 =	MVR 19.90514	MVR 20.45678	MVR 20.32896	MVR 20.74368
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 1.3275	USD 1.3235	USD 1.3505
Mauritania							
Nouakchott 228	Ouguiya = 5 khoums MRO	B	USD 1 =	MRO 295.46	MRO 301.88	MRO 301.84	MRO 302.63
		S	USD 1 =	MRO 298.42	MRO 304.91	MRO 304.87	MRO 305.67
	MRO	B	EUR 1 =	MRO 380.73	MRO 400.12	MRO 402.69	MRO 408.04
		S	EUR 1 =	MRO 384.54	MRO 404.13	MRO 406.73	MRO 412.13
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 29.3421	MUR 30.4227	MUR 30.4127	MUR 30.1927
		S	USD 1 =	MUR 30.6656	MUR 31.2997	MUR 31.2896	MUR 31.0634
	MUR	B	EUR 1 =	MUR 37.8922	MUR 40.2923	MUR 40.2785	MUR 40.7143
		S	EUR 1 =	MUR 39.6217	MUR 41.4828	MUR 41.4681	MUR 41.9156
Mexico							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 13.1501	MXN 12.7820	MXN 13.3860	MXN 13.1504
		S	USD 1 =	MXN 13.1531	MXN 12.7850	MXN 13.3900	MXN 13.1524
	MXN	V, B	EUR 1 =	MXN 16.9621	MXN 16.9681	MXN 17.7164	MXN 17.7596
		V, S	EUR 1 =	MXN 16.9657	MXN 16.9721	MXN 17.7217	MXN 17.7623
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 12.1134	MDL 12.7287	MDL 12.8155	MDL 12.9503
		M	EUR 1 =	MDL 15.5712	MDL 16.8878	MDL 16.9888	MDL 17.4888
Mongolia							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 1,359.82	MNT 1,499.60	MNT 1,616.98	MNT 1,655.44
		M	EUR 1 =	MNT 1,756.31	MNT 1,991.69	MNT 2,139.99	MNT 2,235.92

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. 1 Explanatory notes on individual countries, see pp 63–65. 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			
					July 2013	August 2013	September 2013	
Morocco								
Rabat 204	Moroccan dirham = 100 centimes	B	USD 1 =	MAD 8.5939	MAD 8.3797	MAD 8.4077	MAD 8.2426	
		S	USD 1 =	MAD 8.6456	MAD 8.4301	MAD 8.4582	MAD 8.2921	
	MAD	B	EUR 1 =	MAD 11.060	MAD 11.123	MAD 11.115	MAD 11.163	
		S	EUR 1 =	MAD 11.126	MAD 11.190	MAD 11.181	MAD 11.230	
	Mozambique							
	Maputo 366	Metical = 100 centavos	B	USD 1 =	MZN 28.21	MZN 29.75	MZN 29.75	MZN 29.76
S			USD 1 =	MZN 28.41	MZN 29.95	MZN 29.95	MZN 29.96	
MZN		B	EUR 1 =	MZN 36.51	MZN 39.33	MZN 39.33	MZN 40.31	
		S	EUR 1 =	MZN 36.77	MZN 39.60	MZN 39.59	MZN 40.59	
Myanmar								
Nay Pyi Taw 676		Kyat = 100 pyas MMK	M	USD 1 =	.	MMK 975.00	MMK 972.00	MMK 973.00
	V, M		EUR 1 =	.	MMK 1,293.20	MMK 1,287.00	MMK 1,313.40	
Namibia ¹								
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 8.1898	NAD 9.8285	NAD 10.3319	NAD 10.0017	
		M	EUR 1 =	NAD 10.5691	NAD 13.0589	NAD 13.6795	NAD 13.6889	
Nepal								
Kathmandu 672	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 85.30	NPR 96.09	NPR 106.05	NPR 99.70	
		S	USD 1 =	NPR 85.90	NPR 96.69	NPR 106.65	NPR 100.30	
	NPR	B	EUR 1 =	NPR 110.14	NPR 127.46	NPR 140.51	NPR 134.81	
		S	EUR 1 =	NPR 110.91	NPR 128.26	NPR 141.30	NPR 135.63	
	Netherlands							
	Amsterdam Seat of Government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3275	USD 1.3235	USD 1.3505
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 0.8110	USD 0.7908	USD 0.8419	
		S	NZD 1 =	USD 0.8008	USD 0.7864	USD 0.7666	USD 0.8166	
	NZD	B	NZD 1 =	EUR 0.6404	EUR 0.6134	EUR 0.5990	EUR 0.6257	
		S	NZD 1 =	EUR 0.6183	EUR 0.5905	EUR 0.5765	EUR 0.6025	

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65. 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		
					July 2013	August 2013	September 2013
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 23.5930	NIO 24.8190	NIO 24.9220	NIO 25.0222
		V, M	EUR 1 =	NIO 30.5067	NIO 32.9472	NIO 32.9843	NIO 33.7925
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 154.76	NGN 154.76	NGN 154.75
		S	USD 1 =	NGN 155.93	NGN 155.76	NGN 155.76	NGN 155.75
		B	EUR 1 =	NGN 199.5318	NGN 205.3201	NGN 204.8249	NGN 208.8506
		S	EUR 1 =	NGN 200.8197	NGN 206.6468	NGN 206.1484	NGN 210.2002
Norway							
Oslo 028	Norwegian krone = 100 øre NOK	B	USD 1 =	NOK 5.8116	NOK 5.9345	NOK 6.0801	NOK 5.9875
		S	USD 1 =	NOK 5.8338	NOK 5.9645	NOK 6.1101	NOK 6.0175
		B	EUR 1 =	NOK 7.4584	NOK 7.8634	NOK 8.0447	NOK 8.0723
S	EUR 1 =	NOK 7.4889	NOK 7.9034	NOK 8.0847	NOK 8.1123		
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 0.5090688	OMR 0.5119872	OMR 0.5185536
		S	EUR 1 =	OMR 0.4977216	OMR 0.5105100	OMR 0.5134360	OMR 0.5199810
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa PKR	B	USD 1 =	PKR 93.20	PKR 101.50	PKR 104.00	PKR 105.30
		S	USD 1 =	PKR 93.40	PKR 101.70	PKR 104.20	PKR 105.50
		B	EUR 1 =	PKR 119.95	PKR 134.57	PKR 137.72	PKR 142.20
		S	EUR 1 =	PKR 120.21	PKR 134.83	PKR 137.99	PKR 142.47
Panama 1							
Panama City 442	Balboa = 100 centésimos PAB	3	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
		V	EUR 1 =	PAB 1.2848	PAB 1.3275	PAB 1.3235	PAB 1.3505
Papua New Guinea							
Port Moresby 801	Kina = 100 toea PGK	B	PGK 1 =	USD 0.5035	USD 0.4596	USD 0.4501	USD 0.4205
		S	PGK 1 =	USD 0.4615	USD 0.4021	USD 0.3926	USD 0.3605
		B	PGK 1 =	EUR 0.3854	EUR 0.3469	EUR 0.3403	EUR 0.3018
		S	PGK 1 =	EUR 0.3649	EUR 0.3023	EUR 0.2958	EUR 0.2668

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. 1 Explanatory notes on individual countries, see pp 63–65. 2 Value against the euro. 3 Parity in relation to US 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		
					July 2013	August 2013	September 2013
Paraguay							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 4,422.27	PYG 4,421.44	PYG 4,465.76	PYG 4,441.15
		S	USD 1 =	PYG 4,432.49	PYG 4,436.29	PYG 4,480.50	PYG 4,445.30
	PYG	V, B	EUR 1 =	PYG 5,681.95	PYG 5,869.46	PYG 5,910.43	PYG 5,997.77
V, S		EUR 1 =	PYG 5,695.16	PYG 5,889.17	PYG 5,929.94	PYG 6,003.38	
Peru							
Lima 504	Nuevo sol = 100 céntimos	B	USD 1 =	PEN 2.639	PEN 2.790	PEN 2.806	PEN 2.781
		S	USD 1 =	PEN 2.640	PEN 2.794	PEN 2.808	PEN 2.782
	PEN	B	EUR 1 =	PEN 3.346	PEN 3.633	PEN 3.667	PEN 3.647
		S	EUR 1 =	PEN 3.552	PEN 3.791	PEN 3.760	PEN 3.829
Philippines							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 41.79659	PHP 42.85554	PHP 44.02514	PHP 42.97398
		S	USD 1 =	PHP 42.51549	PHP 43.98446	PHP 45.18487	PHP 44.10602
	PHP	B	EUR 1 =	PHP 53.54778	PHP 56.84787	PHP 58.30249	PHP 58.11371
		S	EUR 1 =	PHP 55.00496	PHP 58.34539	PHP 59.83832	PHP 59.64457
Poland							
Warsaw 060	Polish zloty = 100 groszy PLN	M	USD 1 =	PLN 3.2581	PLN 3.1929	PLN 3.2209	PLN 3.1227
		M	EUR 1 =	PLN 4.1736	PLN 4.2427	PLN 4.2654	PLN 4.2163
Portugal							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3275	USD 1.3235	USD 1.3505
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 4.754	QAR 4.754	QAR 4.841
		S	EUR 1 =	QAR 4.778	QAR 4.901	QAR 4.901	QAR 4.989
Romania							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 3.4704	RON 3.3169	RON 3.3510	RON 3.3051
		M	EUR 1 =	RON 4.4513	RON 4.4048	RON 4.4367	RON 4.4604
Russian Federation							
Moscow 075	Russian rouble = 100 kopeken RUB	M	USD 1 =	RUB 31.0739	RUB 32.8901	RUB 33.2474	RUB 32.3451
		M	EUR 1 =	RUB 39.9967	RUB 43.6090	RUB 44.0129	RUB 43.6497

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. 1 Explanatory notes on individual countries, see pp 63–65.

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		
					July 2013	August 2013	September 2013
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 609.900652	RWF 641.756593	RWF 643.651005	RWF 651.169171
		S	USD 1 =	RWF 619.737759	RWF 654.066917	RWF 655.997667	RWF 663.660049
	RWF	B	EUR 1 =	RWF 784.159222	RWF 851.546824	RWF 853.288137	RWF 877.320224
		S	EUR 1 =	RWF 796.806952	RWF 867.881392	RWF 869.656107	RWF 894.149184
Saint Helena, Ascension and Tristan da Cunha							
Jamestown 329	Saint Helena pound = 100 pence SHP	2 V	USD 1 =	SHP 0.63113	SHP 0.65800	SHP 0.64522	SHP 0.61907
		2 V	EUR 1 =	SHP 0.81087	SHP 0.87350	SHP 0.85395	SHP 0.83605
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 3.5686	XCD 3.5578	XCD 3.6304
		V, S	EUR 1 =	XCD 3.4907	XCD 3.6067	XCD 3.5958	XCD 3.6692
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 3.5686	XCD 3.5578	XCD 3.6304
		V, S	EUR 1 =	XCD 3.4907	XCD 3.6067	XCD 3.5958	XCD 3.6692
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 3.5686	XCD 3.5578	XCD 3.6304
		V, S	EUR 1 =	XCD 3.4907	XCD 3.6067	XCD 3.5958	XCD 3.6692
Samoa							
Apia 819	Tala = 100 sene	B	WST 1 =	USD 0.4451	USD 0.4321	USD 0.4271	USD 0.4400
		S	WST 1 =	USD 0.4281	USD 0.4151	USD 0.4101	USD 0.4230
	WST	B	WST 1 =	EUR 0.3618	EUR 0.3441	EUR 0.3408	EUR 0.3438
		S	WST 1 =	EUR 0.3211	EUR 0.2991	EUR 0.2958	EUR 0.2988
Sao Tome and Principe ¹							
São Tomé 311	Dobra = 100 céntimos	B	USD 1 =	STD 19,026.23	STD 18,443.24	STD 18,468.26	STD 18,149.49
		S	USD 1 =	STD 19,311.62	STD 18,719.89	STD 18,745.29	STD 18,421.73
	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 4.8519	SAR 4.8806	SAR 4.9627
		S	EUR 1 =	SAR 5.0116	SAR 5.1154	SAR 5.1456	SAR 5.2159

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65. ² Value (1:1) against the pound sterling.

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		
					July 2013	August 2013	September 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 S	USD 1 =	RSD 87.7097	RSD 85.5721	RSD 86.1388	RSD 84.6312
			USD 1 =	RSD 88.2375	RSD 86.0871	RSD 86.6572	RSD 85.1406
	RSD	B S	EUR 1 =	RSD 112.8400	RSD 113.4601	RSD 114.0822	RSD 114.2606
			EUR 1 =	RSD 113.5191	RSD 114.1429	RSD 114.7688	RSD 114.9482
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B S	USD 1 =	SCR 13.4197	SCR 11.8359	SCR 11.6721	SCR 11.8296
			USD 1 =	SCR 13.8702	SCR 12.1874	SCR 12.2079	SCR 12.2069
	SCR	B S	EUR 1 =	SCR 17.4614	SCR 15.7003	SCR 15.5513	SCR 16.0973
			EUR 1 =	SCR 17.9058	SCR 15.9961	SCR 16.1814	SCR 16.4159
Sierra Leone							
Freetown 264	Leone = 100 cents	B S	USD 1 =	SLL 4,298.64	SLL 4,284.46 ³	SLL 4,286.47	SLL 4,292.74
			USD 1 =	SLL 4,385.48	SLL 4,371.02 ³	SLL 4,373.06	SLL 4,379.46
	SLL	V, B V, S	EUR 1 =	SLL 5,559.12	SLL 5,670.91 ^r	SLL 5,673.14	SLL 5,797.35
			EUR 1 =	SLL 5,671.42	SLL 5,785.48 ^r	SLL 5,787.74	SLL 5,914.46
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.2479	SGD 1.2738	SGD 1.2757	SGD 1.2572
			EUR 1 =	SGD 1.6095	SGD 1.6885	SGD 1.6890	SGD 1.6975
Sint Maarten (southern part)							
Philipsburg 479	Netherlands Antillean guilder = 100 cent	B S	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
			USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B S	EUR 100 =	ANG 230.34	ANG 236.43	ANG 235.72	ANG 240.53
			EUR 100 =	ANG 234.98	ANG 241.20	ANG 240.47	ANG 245.38
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3275	USD 1.3235	USD 1.3505
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3275	USD 1.3235	USD 1.3505
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents SBD	M	SBD 1 =	USD 0.1360	USD .	USD 0.1387	USD 0.1364
			SBD 1 =	EUR 0.1065	EUR .	EUR 0.1045	EUR 0.1010

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65. ² Value against the euro. ³ Exchange rate as of 1 August 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		
					July 2013	August 2013	September 2013
Somalia ¹							
Mogadishu 342	Somali shilling	M	USD 1 =	.	.	.	.
	SOS	M	EUR 1 =	.	.	.	.
South Africa							
Pretoria Seat of Parliament: Cape Town 388	South African rand = 100 cents	B	USD 1 =	ZAR 8.0390	ZAR 9.7423	ZAR 9.9895	ZAR 9.8575
		S	USD 1 =	ZAR 8.3565	ZAR 10.0598	ZAR 10.3070	ZAR 10.1750
	ZAR	B	EUR 1 =	ZAR 10.3436	ZAR 12.8779	ZAR 13.2037	ZAR 13.3535
		S	EUR 1 =	ZAR 10.7915	ZAR 13.3296	ZAR 13.6534	ZAR 13.8074
South Sudan ¹							
Juba 225	South Sudanese pound = 100 piastres	M	USD 1 =	.	.	.	.
		M	EUR 1 =	.	.	.	.
	SSP						
Spain							
Madrid 011	Euro = 100 cent	M	EUR 1 =	USD 1.2848	USD 1.3275	USD 1.3235	USD 1.3505
	EUR						
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 126.41	LKR 129.95	LKR 131.69	LKR 130.27
		S	USD 1 =	LKR 129.60	LKR 133.15	LKR 135.01	LKR 133.62
	LKR	B	EUR 1 =	LKR 161.79	LKR 171.47	LKR 173.57	LKR 174.81
		S	EUR 1 =	LKR 167.41	LKR 177.22	LKR 179.48	LKR 181.10
Sudan ¹							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 3.6799	SDG 4.3980	SDG 4.3980	SDG 5.6716 ¹
		S	USD 1 =	SDG 3.6983	SDG 4.4200	SDG 4.4200	SDG 5.7000 ¹
	SDG	B	EUR 1 =	SDG 4.7317	SDG 5.8313	SDG 5.8647	SDG 7.6578 ¹
		S	EUR 1 =	SDG 4.7553	SDG 5.8605	SDG 5.8941	SDG 7.6961 ¹
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 4.317	SRD 4.311	SRD 4.400
		S	EUR 1 =	SRD 4.320	SRD 4.450	SRD 4.444	SRD 4.535
Swaziland ¹							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 8.1854	SZL 9.8330	SZL 10.3340	SZL 10.1405
		S	USD 1 =	SZL 8.2167	SZL 9.8720	SZL 10.3414	SZL 10.1525
	SZL	B	EUR 1 =	SZL 10.57058	SZL 13.0405	SZL 13.6708	SZL 13.6745
		S	EUR 1 =	SZL 10.61358	SZL 13.0962	SZL 13.6827	SZL 13.6937
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 6.7429	SEK 6.5374	SEK 6.5611	SEK 6.3972
		S	USD 1 =	SEK 6.8104	SEK 6.6049	SEK 6.6286	SEK 6.4647
	SEK	B	EUR 1 =	SEK 8.6700	SEK 8.6941	SEK 8.7113	SEK 8.6592
		S	EUR 1 =	SEK 8.7215	SEK 8.7456	SEK 8.7628	SEK 8.7107

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65.

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			
					July 2013	August 2013	September 2013	
Switzerland								
Berne 039	Swiss franc = 100 rappen / centimes	B	USD 1 =	CHF 0.9381	CHF 0.9263	CHF 0.9302	CHF 0.9052	
		B	EUR 1 =	CHF 1.2042	CHF 1.2309	CHF 1.2316	CHF 1.2223	
	CHF							
Syrian Arab Republic								
Damascus 608	Syrian pound = 100 piastres	B	USD 1 =	SYP 65.19	SYP 105.33	SYP 128.30	SYP 136.40	
		S	USD 1 =	SYP 65.58	SYP 105.96	SYP 129.07	SYP 137.22	
	B	EUR 1 =	SYP 84.16	SYP 139.52	SYP 169.52	SYP 184.07		
	S	EUR 1 =	SYP 84.75	SYP 140.50	SYP 170.71	SYP 185.36		
SYP								
Tajikistan								
Dushanbe 082	Somoni = 100 diram	M	USD 1 =	TJS 4.7632	TJS 4.7680	TJS 4.7672	TJS 4.7685	
		M	EUR 1 =	TJS 6.1378	TJS 6.1221	TJS 6.2029	TJS 6.4806	
TJS								
Tanzania, United Republic of								
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents	B	USD 1 =	TZS 1,560.3764	TZS 1,605.4158	TZS 1,603.3762	TZS 1,596.7624	
		S	USD 1 =	TZS 1,582.7317	TZS 1,621.4700	TZS 1,619.4100	TZS 1,612.7300	
	B	EUR 1 =	TZS 2,017.0086	TZS 2,132.4739	TZS 2,123.3512	TZS 2,162.0163		
	S	EUR 1 =	TZS 2,046.4924	TZS 2,154.1229	TZS 2,145.0705	TZS 2,183.7977		
TZS								
Thailand								
Bangkok 680	Thai baht = 100 satang	B	USD 1 =	THB 30.9253	THB 31.2106	THB 31.9388	THB 31.2483	
		S	USD 1 =	THB 31.2076	THB 31.4894	THB 32.2155	THB 31.5330	
	B	EUR 1 =	THB 39.7716	THB 41.2705	THB 42.1755	THB 42.0558		
	S	EUR 1 =	THB 40.3741	THB 41.8699	THB 42.7779	THB 42.6651		
THB								
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 0.5618	USD 0.5517	USD .	
		S	TOP 1 =	USD 0.5698	USD 0.5398	USD 0.5297	USD .	
	B	TOP 1 =	EUR 0.4904	EUR 0.4383	EUR 0.4314	EUR .		
	S	TOP 1 =	EUR 0.4287	EUR 0.3933	EUR 0.3864	EUR .		
TOP								
Trinidad and Tobago								
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents	B	USD 1 =	TTD 6.3641	TTD 6.3867	TTD 6.3986	TTD 6.4176	
		S	USD 1 =	TTD 6.4371	TTD 6.4278	TTD 6.4435	TTD 6.4214	
	B	EUR 1 =	TTD 8.0425	TTD 8.5737	TTD 8.2664	TTD 8.3955		
	S	EUR 1 =	TTD 8.3584	TTD 8.6833	TTD 8.5940	TTD 8.8915		
TTD								

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65. 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			
					July 2013	August 2013	September 2013	
Tunisia								
Tunis 212	Tunisian dinar = 1,000 millimes	B	USD 1 =	TND 1.5527	TND 1.6351	TND 1.6403	TND 1.6144	
		S	USD 1 =	TND 1.5593	TND 1.6383	TND 1.6435	TND 1.6177	
	TND	B	EUR 1 =	TND 1.9978	TND 2.1671	TND 2.1712	TND 2.1837	
		S	EUR 1 =	TND 2.0064	TND 2.1715	TND 2.1756	TND 2.1881	
	Turkey							
	Ankara 052	Turkish lira = 100 kuruş	B	USD 1 =	TRY 1.7925	TRY 1.9241	TRY 2.0311	TRY 2.0342
S			USD 1 =	TRY 1.8011	TRY 1.9276	TRY 2.0348	TRY 2.0378	
TRY		B	EUR 1 =	TRY 2.3046	TRY 2.5539	TRY 2.6930	TRY 2.7484	
		S	EUR 1 =	TRY 2.3157	TRY 2.5585	TRY 2.6978	TRY 2.7533	
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 3.7814	TMT 3.7728	TMT 3.8535	
Uganda								
Kampala 350	Uganda shilling	B	USD 1 =	UGX 2,508.53	UGX 2,581.13	UGX 2,586.16	UGX 2,556.65	
		S	USD 1 =	UGX 2,518.35	UGX 2,587.11	UGX 2,594.22	UGX 2,565.41	
	UGX	B	EUR 1 =	UGX 3,236.52	UGX 3,420.26	UGX 3,420.20	UGX 3,461.70	
		S	EUR 1 =	UGX 3,249.20	UGX 3,428.18	UGX 3,430.86	UGX 3,473.57	
Ukraine								
Kyiv 072	Hryvnia = 100 kopyok UAH	M	USD 100 =	UAH 799.10	UAH 799.30	UAH 799.30	UAH 799.30	
		M	EUR 100 =	UAH 1,027.2801	UAH 1,061.7901	UAH 1,060.3514	UAH 1,082.0124	
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 4.77971	AED 4.80859	AED 4.86780	
		S	EUR 1 =	AED 4.84510	AED 4.97421	AED 5.00406	AED 5.06526	
United Kingdom ¹								
London 006	Pound sterling = 100 pence GBP	M	GBP 1 =	USD 1.5851	USD 1.5164	USD 1.5471	USD 1.6194	
		M	EUR 1 =	GBP 0.8112	GBP 0.8756	GBP 0.8522	GBP 0.8359	
United States								
Washington 400	US dollar = 100 cents	B	EUR 1 =	USD 1.2905	USD 1.3299	USD 1.3215	USD 1.3524	
		S	EUR 1 =	USD 1.2907	USD 1.3303	USD 1.3217	USD 1.3525	
	USD	B	GBP 1 =	USD 1.5849	USD 1.5208	USD 1.5485	USD 1.6185	
		S	GBP 1 =	USD 1.5852	USD 1.5210	USD 1.5489	USD 1.6187	

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65.

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		
					July 2013	August 2013	September 2013
Uruguay							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 20.304	UYU 21.500	UYU 22.589	UYU 22.038
		M	EUR 1 =	UYU 26.076	UYU 28.659	UYU 29.840	UYU 29.825
Uzbekistan							
Tashkent 081	Uzbekistan sum = 100 tijin UZS	M	USD 1 =	UZS 1,893.40	UZS 2,107.93	UZS 2,124.51	UZS 2,146.70
		M	EUR 1 =	UZS 2,436.92	UZS 2,783.57	UZS 2,824.45	UZS 2,838.11
Vanuatu							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 91.63	VUV 96.92	VUV 97.89	VUV 95.22
		S	USD 1 =	VUV 96.25	VUV 101.79	VUV 102.81	VUV 100.01
		B	EUR 1 =	VUV 118.09	VUV 128.29	VUV 129.34	VUV 128.25
		S	EUR 1 =	VUV 122.58	VUV 133.19	VUV 134.29	VUV 133.15
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 8.35610074	VEF 8.30457030	VEF 8.50000892
		S	EUR 1 =	VEF 5.52867596	VEF 8.37837000	VEF 8.32671000	VEF 8.52453000
Viet Nam							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 20,846	VND 21,140	VND 21,110	VND 21,080
		S	USD 1 =	VND 20,898	VND 21,210	VND 21,180	VND 21,140
		B	EUR 1 =	VND 26,792.70	VND 27,882.94	VND 27,806.16	VND 28,239.88
		S	EUR 1 =	VND 27,180.03	VND 28,286.27	VND 28,195.12	VND 28,648.56
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 284.89	YER 287.45	YER 290.55
		S	EUR 1 =	YER 277.16	YER 284.94	YER 287.51	YER 290.60
Zambia							
Lusaka 378	Kwacha = 100 ngwee ZMW	B	USD 1 =	.	ZMW 5.4682	ZMW 5.3675	ZMW 5.3221
		S	USD 1 =	.	ZMW 5.4882	ZMW 5.3875	ZMW 5.3421
		B	EUR 1 =	.	ZMW 7.2514	ZMW 7.0942	ZMW 6.9954
		S	EUR 1 =	.	ZMW 7.2785	ZMW 7.1217	ZMW 7.0222
Zimbabwe ¹							
Harare 382	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =	.	.	.	.
		M	EUR 1 =	.	.	.	.

IV Overview of world currencies *

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

As of end-September 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
		Montenegro (097)	Euro
		Montserrat (470)	East Caribbean dollar
Baker Island (832)	US dollar	Mooréa	CFP franc
Balearics	Euro		
Bali	Indonesian rupiah		
Bonaire (475)	US dollar	Nauru (803)	Australian dollar
Bora-Bora	CFP franc	Newfoundland	Canadian dollar
Borneo (northern part) (701)	Malaysian ringgit	Nicobar Islands	Indian rupee
Borneo (southern part) (700)	Indonesian rupiah	Niue (838)	New Zealand dollar
British Virgin Islands (468)	US dollar	Norfolk Island (836)	Australian dollar
		Northern Mariana Islands (820)	US dollar
Canary Islands (011)	Euro	Palau (825)	US dollar
Ceuta (021)	Euro	Pescadores	New Taiwan dollar
Chafarinas (Islands)	Euro	Pitcairn Islands Group (813)	New Zealand dollar
Christmas Island (834)	Australian dollar	Puerto Rico (400)	US dollar
Cocos Islands (833)	Australian 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
		Tuvalu ¹ (807)	Australian dollar
Isle of Man ¹ (109)	British pound sterling	Vatican City ¹ (045)	Euro
		Virgin Islands of the United States (457)	US dollar
Jarvis Island	US dollar		
Java	Indonesian rupiah		
Jersey ¹ (108)	British pound sterling	Wallis and Futuna (Islands) (811)	CFP franc
		Western Sahara	Moroccan dirham
Kosovo (095)	Euro		
		Zanzibar (Island) (352)	Tanzania shilling
Laccadive Islands	Indian rupee		
Les Saintes Islands (001)	Euro		
Liechtenstein (037)	Swiss franc		

Sources: Central banks and The Statesman's Yearbook. * See Explanatory notes, p 59. 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 krona NOK
1999	1.37251	1.36467	0.848150	140.111	1.98094	2.19297	11.6873	10.1549	11.0218
2000	1.30291	1.40022	0.873149	149.704	1.95462	2.13221	12.4232	10.4500	11.5288
2001	1.25673	1.42474	0.866469	165.491	2.00147	2.10605	13.3943	10.5685	11.3251
2002	1.35952	1.29639	0.843483	162.414	2.14750	1.88539	11.9542	9.62844	9.47006
2003	1.48597	1.17654	0.832619	158.575	1.92047	1.83800	10.7715	8.82099	9.91886
2004	1.55301	1.14016	0.804085	161.161	1.86920	1.75738	10.2351	8.46296	9.37796
2005	1.42927	1.21155	0.830055	168.610	1.66418	1.87848	11.3363	9.03881	9.67427
2006	1.50440	1.14229	0.766377	178.948	1.75308	1.83582	10.3390	8.51702	9.41017
2007	1.58025	1.07346	0.788780	179.947	1.56144	1.77857	10.2088	8.02021	8.55074
2008	1.54027	1.10675	1.05657	140.464	1.88621	1.63839	12.0833	8.18003	10.7802
2009	1.56769	1.08822	0.968007	143.797	1.64075	1.61551	11.3070	8.10688	9.05608
2010	1.54003	1.15966	0.997755	125.436	1.54142	1.44702	10.4761	8.64469	9.06742
2011	1.53527	1.18654	0.992989	119.321	1.56254	1.44453	10.6293	8.82099	9.20039
2012	1.53692	1.16583	0.953662	133.020	1.52954	1.40874	10.0140	8.69762	8.55432

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

2 End of month

SDR 1 = CU ...

Period	US dollar USD	Euro EUR	Pound sterling GBP	Japanese yen JPY	Canadian dollar CAD	Swiss franc CHF	Swedish krona SEK	Danish krone DKK	Norwegian krona NOK
2010 Jan	1.55419	1.11284	0.963066	139.644	1.65522	1.63159	11.3961	8.28432	9.13868
Feb	1.53258	1.12939	1.00676	136.783	1.61320	1.65105	11.0001	8.40576	9.08422
Mar	1.51824	1.12637	1.00214	141.576	1.54192	1.60964	11.0186	8.38553	9.08306
Apr	1.51112	1.13490	0.985853	142.136	1.52865	1.62823	10.9178	8.48356	8.90274
May	1.47433	1.19051	1.01120	134.606	1.54790	1.69430	11.5698	8.85865	9.47831
June	1.47890	1.20520	0.984291	131.030	1.56852	1.59898	11.4947	8.97722	9.60836
July	1.51852	1.16558	0.974906	131.352	1.56255	1.57835	10.9827	8.68470	9.25523
Aug	1.50891	1.18999	0.979557	127.126	1.60533	1.54090	11.2150	8.85928	9.54918
Sep	1.55619	1.14023	0.977871	129.786	1.60256	1.51417	10.4848	8.49697	9.08538
Oct	1.57179	1.13429	0.987177	126.654	1.60133	1.55481	10.6488	8.45745	9.29213
Nov	1.52578	1.17385	0.982598	128.394	1.56606	1.52242	10.6919	8.74868	9.49767
Dec	1.54003	1.15966	0.997755	125.436	1.54142	1.44702	10.4761	8.64469	9.06742
2011 Jan	1.56194	1.14077	0.982907	128.157	1.56537	1.47306	10.2112	8.50362	9.04282
Feb	1.57305	1.13709	0.968983	128.518	1.53199	1.46026	10.0714	8.47860	8.76586
Mar	1.58550	1.11600	0.98528	131.803	1.54079	1.45042	9.99261	8.32168	8.74172
Apr	1.62096	1.09082	0.972479	132.910	1.53764	1.40440	9.73388	8.13491	8.48882
May	1.60077	1.11280	0.969989	129.422	1.55083	1.36514	9.87274	8.29710	8.63424
June	1.60045	1.10735	0.99978	129.188	1.54331	1.33541	10.0972	8.25941	8.62351
July	1.59900	1.12132	0.982608	124.002	1.52512	1.28096	10.1859	8.35317	8.67566
Aug	1.60936	1.11374	0.988181	123.261	1.57460	1.30278	10.2248	8.29869	8.61987
Sep	1.56162	1.15650	1.00136	119.667	1.62237	1.40765	10.7088	8.60630	9.12251
Oct	1.58590	1.13271	0.989707	125.603	1.57559	1.38053	10.2169	8.42957	8.72357
Nov	1.55156	1.15632	0.994075	121.099	1.58212	1.43007	10.7459	8.59964	8.96507
Dec	1.53527	1.18654	0.992989	119.321	1.56254	1.44453	10.6293	8.82099	9.20039
2012 Jan	1.55108	1.17720	0.982386	118.441	1.55915	1.41707	10.4728	8.75197	9.01274
Feb	1.55602	1.15750	0.975991	125.493	1.53517	1.39529	10.2052	8.60667	8.61245
Mar	1.54909	1.15984	0.967633	127.257	1.54769	1.39898	10.2563	8.62917	8.81943
Apr	1.55055	1.17341	0.953534	125.735	1.53256	1.40976	10.4211	8.72882	8.90321
May	1.51026	1.21765	0.974108	119.008	1.56296	1.46344	10.9270	9.04945	9.16103
June	1.51755	1.20536	0.972602	120.342	1.54653	1.44987	10.5670	8.95993	9.07993
July	1.50833	1.22788	0.961575	117.876	1.51044	1.47530	10.2610	9.13626	9.11278
Aug	1.52201	1.20689	0.960929	119.402	1.50116	1.45200	10.1599	8.99297	8.80134
Sep	1.54219	1.19272	0.952499	119.628	1.51705	1.44272	10.0680	8.89229	8.78974
Oct	1.54057	1.18569	0.955922	122.691	1.53995	1.43057	10.2185	8.84502	8.75695
Nov	1.53481	1.18190	0.955849	126.545	1.52437	1.41970	10.2063	8.81686	8.71771
Dec	1.53692	1.16583	0.953662	133.020	1.52954	1.40874	10.0140	8.69762	8.55432
2013 Jan	1.54134	1.13752	0.976582	140.369	1.54010	1.40508	9.80286	8.48738	8.45745
Feb	1.51483	1.15380	0.997128	140.092	1.55800	1.41000	9.7482	8.60274	8.63849
Mar	1.49920	1.16987	0.990619	140.999	1.52139	1.42738	9.76134	8.73332	8.71612
Apr	1.50900	1.15437	0.974488	147.746	1.51986	1.41288	9.89844	8.60704	8.78194
May	1.49877	1.15237	0.985125	151.420	1.54958	1.42892	9.87264	8.59166	8.77408
June	1.50396	1.14982	0.987430	148.696	1.57594	1.42094	10.0970	8.57618	9.06569
July	1.51326	1.13993	0.995827	148.390	1.55669	1.40521	9.94194	8.49755	8.96604
Aug	1.51528	1.14490	0.977536	148.997	1.59907	1.40951	9.99111	8.54022	9.26286
Sep	1.53408	1.13594	0.949722	149.957	1.57780	1.38865	9.86368	8.47185	9.21693

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

V Value of the special drawing right in selected currencies *

3 Daily rates

SDR 1 = CU ...

Period	US dollar USD	Euro EUR	Pound sterling GBP	Japanese yen JPY	Canadian dollar CAD	Swiss franc CHF	Swedish krona SEK	Danish krone DKK	Norwegian krona NOK	
2013 July	1	1.50220	1.15226	0.986797	149.319	.	1.41943	10.0141	8.59483	9.10109
	2	1.50108	1.15317	0.987947	149.508	1.58064	1.42243	10.0070	8.60267	9.13317
	3	1.49888	1.15663	0.982617	150.937	1.57727	1.42558	10.1120	8.62902	9.17835
	8	1.48871	1.15853	0.998732	150.881	1.57446	1.43556	10.1768	8.64192	9.22765
	9	1.48854	1.15777	1.001980	150.417	1.56743	1.44046	10.0899	8.63550	9.14637
	10	1.48847	1.16169	0.999041	150.559	1.56453	1.44278	10.1319	8.66439	9.12509
	11	1.50184	1.15137	0.993809	148.157	1.56026	1.42555	10.0126	8.58738	9.12925
	12	1.50122	1.15177	0.993591	148.666	1.56007	1.42541	9.99291	8.58996	9.11394
	15	1.49885	1.15190	0.995649	.	1.56075	1.42586	10.0006	8.59033	9.13567
	16	1.50410	1.14659	0.995827	150.334	1.56246	1.41821	10.0337	8.55015	9.05059
	17	1.50645	1.14681	0.989658	149.666	1.57048	1.41471	9.95679	8.55213	9.03408
	18	1.50391	1.14864	0.988181	149.940	1.56346	1.41939	9.91916	8.56568	9.02079
	19	1.50451	1.14647	0.986368	151.729	1.55912	1.41830	9.85843	8.54949	9.00657
	22	1.50892	1.14607	0.984097	150.817	1.55977	1.41597	9.84678	8.54730	8.96572
	23	1.50851	1.14455	0.982869	150.097	1.55437	1.41710	9.74336	8.53687	8.94582
	24	1.51122	1.14089	0.984446	150.397	1.55626	1.41375	9.74991	8.50905	8.88131
	25	1.50913	1.14311	0.987518	151.351	1.55184	1.41451	9.80392	8.52384	8.94534
	26	1.51515	1.14265	0.983545	150.454	1.55924	1.40788	9.80383	8.51999	8.98578
	29	1.51662	1.14289	0.985455	148.325	1.55620	1.40682	9.82067	8.52144	8.98368
	30	1.51474	1.14027	0.989178	148.626	1.55912	1.40855	9.83565	8.50058	8.97618
	31	1.51326	1.13993	0.995827	148.390	1.55669	1.40521	9.94194	8.49755	8.96604
Aug	1	1.51051	1.14121	0.996046	148.558	1.56156	.	9.90197	8.50781	8.94087
	2	1.50774	1.14197	0.995471	150.050	1.56534	1.41396	9.96195	8.51303	8.98222
	5	1.51450	1.14242	0.986777	150.057	.	1.40985	9.97437	8.51709	8.97376
	6	1.51515	1.14092	0.986553	148.484	1.57257	1.40500	9.97347	8.50752	8.96877
	7	1.51819	1.14107	0.982772	147.796	1.58135	1.40585	9.98034	8.50905	9.01380
	8	1.52281	1.13983	0.981759	147.286	1.57581	1.40236	9.90835	8.50015	8.98642
	9	1.52350	1.13924	0.980873	147.170	1.56966	1.40238	9.89129	8.49733	8.90543
	12	1.51941	1.14413	0.981528	146.197	1.56453	.	9.90776	8.53432	8.93392
	13	1.51732	1.14170	0.981894	147.832	1.56966	1.40928	9.89795	8.51607	8.90076
	14	1.51540	1.14430	0.978751	148.843	1.56420	1.41917	9.89345	8.53461	8.94039
	15	1.51815	1.14173	0.974545	148.703	1.56977	1.42008	9.85824	8.51520	8.95512
	16	1.52200	1.14093	0.973028	148.471	1.57451	1.41013	9.89648	8.50847	9.01510
	19	1.52228	1.14080	0.972706	148.605	1.57313	1.40918	9.92822	8.50716	9.01697
	20	1.52436	1.13826	0.973350	148.930	1.58168	1.40378	9.94233	8.48904	9.09025
	21	1.52431	1.13890	0.973066	148.590	1.59184	1.40282	9.93907	8.49452	9.17221
	22	1.51863	1.13986	0.975106	149.130	1.59638	1.40990	9.97128	8.50203	9.25849
	23	1.52042	1.13847	0.974440	150.492	1.59873	1.40578	9.93236	8.49156	9.21481
	26	1.52093	1.13833	.	150.115	1.59910	1.40473	9.88758	8.49091	9.20116
	27	1.52041	1.13991	0.979893	149.228	1.59688	1.40425	9.90648	8.50333	9.15223
	28	1.52060	1.13928	0.983381	147.711	1.59511	1.39910	9.84785	8.49863	9.18156
	29	1.51619	1.14292	0.977746	148.359	1.59595	1.40794	9.93483	8.52537	9.19938
	30	1.51528	1.14490	0.977536	148.997	1.59907	1.40951	9.99111	8.54022	9.26286
Sep	3	1.51177	1.14772	0.970638	150.663	1.59235	1.41441	10.0076	8.56084	9.18282
	4	1.51252	1.14837	0.968814	150.616	1.58542	1.41647	10.0151	8.56480	9.19101
	5	1.51320	1.14619	0.969067	150.866	1.58886	1.41953	10.0236	8.54869	9.22450
	6	1.50848	1.15002	0.969152	150.547	1.56731	1.42597	10.0521	8.57787	9.20251
	9	1.51363	1.14721	0.965754	150.864	1.56903	1.41812	10.0439	8.55703	9.20285
	10	1.51534	1.14452	0.965065	151.079	1.56944	1.41654	9.9453	8.53636	8.99701
	11	1.51652	1.14299	0.961585	152.304	1.56763	1.41749	9.92901	8.52529	8.97247
	12	1.51972	1.14351	0.961178	151.212	1.56835	1.41425	9.91179	8.52820	8.98279
	13	1.51900	1.14253	0.960661	151.444	1.57079	1.41525	9.91778	8.52021	8.99111
	16	1.52357	1.14065	0.956773	.	1.57171	1.41326	9.92083	8.50528	9.00195
	17	1.52371	1.14084	0.958130	151.182	1.56805	1.41004	9.89041	8.50745	8.97328
	18	1.52431	1.14163	0.954718	151.257	1.57187	1.41212	9.8595	8.51419	9.00925
	19	1.53400	1.13252	0.953916	150.761	1.57035	1.39578	9.74621	8.88123	8.92867
	20	1.53226	1.13383	0.956224	152.490	1.57624	1.39328	9.70384	8.45473	9.07803
	23	1.53213	1.13424	0.954481	.	1.57549	1.39776	9.73577	8.45873	9.04094
	24	1.53013	1.13570	0.957405	151.100	1.57526	1.39578	9.75534	8.46891	9.10821
	25	1.53232	1.13471	0.955311	151.163	1.57752	1.39594	9.82617	8.46238	9.22867
	26	1.53212	1.13499	0.954180	151.603	1.58130	1.39392	9.83632	8.46439	9.15089
	27	1.53263	1.13218	0.952653	151.623	1.57861	1.38903	9.85387	8.44295	9.17406
	30	1.53408	1.13594	0.949722	149.957	1.57780	1.38865	9.86368	8.47185	9.21693
Oct	1	1.53688	1.13389	0.946934	151.183	1.58806	1.38934	9.76811	8.45680	9.21973
	2	1.53596	1.13649	0.948011	150.601	1.58696	1.38989	9.80834	8.47666	9.24189
	3	1.53909	1.13218	0.949172	150.292	1.58880	1.38764	9.79797	8.44573	9.18080
	4	1.53770	1.13124	0.958185	149.541	1.58475	1.38793	9.76935	8.43889	9.17945
	7	1.53747	1.13283	0.956736	149.319	1.58452	1.38941	9.83932	8.45059	9.20658
	8	1.53722	1.13231	0.955868	148.726	1.58810	1.39134	9.85047	8.44687	9.15139

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 62. 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-September 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 63–65.

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.

Council Regulation (EU) No 870/2013

**of 9 July 2013 amending Regulation (EC)
No 2866/98 as regards the conversion rate
to the euro for Latvia (published in the
Official Journal of the European Union
L 243 of 12 September 2013)**

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, Latvia is a Member State with a derogation as defined in Article 139(1) of the Treaty on the Functioning of the European Union.

(3) Pursuant to Council Decision 2013/387/EU of 9 July 2013 on the adoption by Latvia of the euro on 1 January 2014, Latvia fulfils the necessary conditions for the adoption of the euro and the derogation in favour of Latvia is abrogated with effect from 1 January 2014.

(4) The introduction of the euro in Latvia requires the adoption of the conversion rate between the euro and the Latvian lats. This conversion rate should be set at 0.702804 lats per 1 euro, which corresponds to the current central rate of the lats 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 Cyprus pound and the Luxembourg franc:

“= 0.702804 Latvian lats”.

Article 2

This Regulation shall enter into force on 1 January 2014.

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 51-57). 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 60 shows trading partners' membership of the EER-12, EER-21 and EER-40 groups as well as their percentage weights (see Deutsche Bundesbank, *Monthly Report*, August 2013, pp 50-52). To prevent breaks in the time

series, the indices of two consecutive weighting periods are chain-linked beyond 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 37 countries comprise the euro-area countries and the EER-21 group. The group of 56 countries consist of the euro-area countries as well as the EER-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

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

Figures in %

As of August 2013

Trading partner	Calculation period for weights														
	EER-12					EER-21					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-21 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	3.5	3.8	4.1	3.1	2.8	2.7	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	10.7	9.2	8.2	7.1	9.7	8.8	7.6	6.7	5.8
Korea, Republic of	4.2	3.9	4.3	5.6	6.2	3.5	3.2	3.3	4.0	3.9	2.9	2.7	2.8	3.2	3.1
Norway	1.9	1.7	1.6	1.8	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	5.7	5.2	4.6	4.9	4.7	4.7	4.3	3.8	4.0	3.7
Switzerland	9.6	8.7	8.9	9.2	10.1	8.2	7.2	6.9	6.4	6.4	6.6	5.9	5.7	5.2	5.2
United Kingdom	26.5	26.1	26.2	24.9	23.4	22.5	21.5	20.2	17.5	14.8	18.3	17.7	16.7	14.2	11.9
United States	24.4	28.6	29.2	27.1	26.5	20.7	23.6	22.6	19.1	16.8	16.9	19.4	18.6	15.5	13.5
Additional countries in the EER-21 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	6.4	9.2	14.1	18.6	4.4	5.3	7.5	11.4	15.0
Croatia						0.7	0.5	0.6	0.7	0.6	0.5	0.4	0.5	0.5	0.5
Czech Republic						2.7	2.9	3.6	4.1	5.0	2.2	2.4	3.0	3.4	4.0
Hungary						1.9	2.6	3.0	3.1	3.2	1.5	2.1	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	6.1	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
Iceland											0.1	0.0	0.1	0.1	0.1
India											1.5	1.3	1.4	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.

given month; in general, they have been taken from reliable sources (central bank or a commercial bank in the country in question). However, we do not know whether transactions were actually executed at those rates in all cases. If no exchange rates for the euro are available from a country, we have calculated comparative values at the exchange rates or parities available and identified them with a "V" in the column "type of rate".

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

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

The numerical country code is based on the 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 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

Since 3 July 2013, rather than issuing reference rates, the Central Bank of Iran has been publishing exchange rates that deviate sharply from the reference rates. The non-reference rates, which were made available for a short time from 1 October 2012 onwards, are now published as official rates as a result of the reference rates becoming less and less important in the wake of the autumn 2012 reforms.

Furthermore, the bureau de change rates still deviate significantly. According to the German Embassy in Teheran, the bureau de change rates stood at USD 1 = IRR 30,800 and EUR 1 = IRR 41,300 at the end of September 2013.

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.

Sudan

The Sudanese pound was devalued on 24 September 2013.

We recorded the following exchange rates (buying / selling):

23 September 2013	USD 1 = SDG 4.3980 / 4.4200 EUR 1 = SDG 5.9487 / 5.9785
-------------------	--

24 September 2013	USD 1 = SDG 5.6716 / 5.7000 EUR 1 = SDG 7.6533 / 7.6916
-------------------	--

Calculated using these exchange rates, the Sudanese pound experienced a devaluation of 22.5% against the US dollar and 22.3% against the euro.

Swaziland

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

Togo

See Explanatory notes on Benin.

United Arab Emirates

The United Arab Emirates include Abu Dhabi, Ajman, Dubai, Fujairah, Ras al Khaimah, Sharjah and Umm al Qaiwain.

United Kingdom

In Scotland and Northern Ireland, a small volume of banknotes issued by commercial banks in these territories is in circulation alongside notes issued by the Bank of England.

Venezuela, Bolivarian Republic of

Since 25 March 2013, registered importers of important goods, who have not been allocated foreign exchange on the official market, have had the opportunity to participate in foreign exchange auctions (SICAD – Sistema Complementario de Administración de Divisas). We do not have any information regarding the exchange rates. In July 2013, the group of participants eligible for the auction was extended.

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.