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to the Monthly Report

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

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

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Abbreviations and symbols

CU	Currency unit(s)
EC	European Community
ECB	European Central Bank
ECU	European Currency Unit
EER	Effective exchange rate
EMU	European Monetary Union
ERM	Exchange Rate Mechanism
EU	European Union
IMF	International Monetary Fund
ISO	International Organization for Standardization
SDR	Special drawing right
SITC	Standard International Trade Classification
SWIFT	Society for Worldwide Interbank Financial Telecommunication
B	Buying rate
M	Middle rate
S	Selling rate
V	Calculated value
e	Estimated
p	Provisional
r	Revised
.	Data unknown, not to be published or not meaningful
–	Nil

Discrepancies in the totals are due to rounding.

I Euro area and exchange rate stability convergence criterion

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

From	Country	Currency	ISO currency code	EUR 1 = CU ...
1999 January 1	Austria	Austrian schilling	ATS	13.7603
	Belgium	Belgian franc	BEF	40.3399
	Finland	Finnish markka	FIM	5.94573
	France	French franc	FRF	6.55957
	Germany	Deutsche Mark	DEM	1.95583
	Ireland	Irish pound	IEP	0.787564
	Italy	Italian lira	ITL	1,936.27
	Luxembourg	Luxembourg franc	LUF	40.3399
	Netherlands	Dutch guilder	NLG	2.20371
	Portugal	Portuguese escudo	PTE	200.482
	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
2015 January 1	Lithuania	Lithuanian litas	LTL	3.45280

* Excerpts from official communications and announcements on the euro and Exchange Rate Mechanism II, see p 51 ff.

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 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	⁴ 239.640	–	–
	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	⁵ 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	⁶ 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	⁵ 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	⁷ 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 (the standard fluctuation band is $\pm 15\%$) 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. 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 2014; accession to EMU on 1 January 2015. ⁴ Until 31 December 2006; accession to EMU on 1 January 2007. ⁵ Until 31 December 2007; accession to EMU on 1 January 2008. ⁶ Until 31 December 2013; accession to EMU on 1 January 2014. ⁷ Until 31 December 2008; accession to EMU on 1 January 2009.

II Euro foreign exchange reference rates of the European Central Bank *

1 Daily rates

EUR 1 = CU ...

Period		EU member countries						
		Bulgaria Bulgarian lev BGN	Croatia Kuna HRK	Czech Republic Czech koruna CZK	Denmark Danish krone DKK	Hungary Hungarian forint HUF	Poland Polish zloty PLN	Romania Romanian leu RON
2015 May	4	1.9558	7.5826	27.364	7.4646	303.42	4.0480	4.4275
	5	1.9558	7.5878	27.362	7.4647	301.70	4.0182	4.4308
	6	1.9558	7.5810	27.415	7.4648	304.55	4.0483	4.4432
	7	1.9558	7.5740	27.405	7.4637	304.56	4.0461	4.4353
	8	1.9558	7.5545	27.411	7.4639	303.91	4.0679	4.4508
	11	1.9558	7.5620	27.400	7.4628	304.40	4.0668	4.4509
	12	1.9558	7.5800	27.394	7.4630	306.57	4.1028	4.4655
	13	1.9558	7.5591	27.450	7.4630	306.95	4.0872	4.4602
	14	1.9558	7.5495	27.458	7.4646	307.52	4.0827	4.4580
	15	1.9558	7.5468	27.401	7.4652	306.67	4.0432	4.4415
	18	1.9558	7.5325	27.401	7.4640	307.55	4.0615	4.4465
	19	1.9558	7.5330	27.357	7.4590	305.07	4.0486	4.4480
	20	1.9558	7.5338	27.330	7.4598	306.50	4.0653	4.4458
	21	1.9558	7.5398	27.351	7.4577	306.97	4.0959	4.4490
	22	1.9558	7.5390	27.395	7.4567	306.96	4.1003	4.4536
	25	1.9558	7.5383	27.372	7.4552	307.71	4.1075	4.4539
	26	1.9558	7.5598	27.407	7.4549	309.17	4.1391	4.4598
	27	1.9558	7.5755	27.404	7.4565	308.80	4.1335	4.4480
	28	1.9558	7.5817	27.463	7.4598	308.65	4.1289	4.4435
	29	1.9558	7.5720	27.401	7.4597	308.90	4.1298	4.4425
June	1	1.9558	7.5740	27.440	7.4588	309.11	4.1335	4.4425
	2	1.9558	7.5725	27.439	7.4590	309.29	4.1288	4.4408
	3	1.9558	7.5555	27.460	7.4597	311.35	4.1261	4.4288
	4	1.9558	7.5605	27.467	7.4599	312.30	4.1692	4.4285
	5	1.9557	7.5589	27.396	7.4603	311.28	4.1441	4.4545
	8	1.9558	7.5530	27.431	7.4602	313.95	4.1551	4.4650
	9	1.9558	7.5535	27.356	7.4603	312.28	4.1657	4.4708
	10	1.9558	7.5410	27.318	7.4615	312.27	4.1500	4.4670
	11	1.9558	7.5660	27.318	7.4614	312.21	4.1405	4.4668
	12	1.9558	7.5650	27.300	7.4613	312.13	4.1497	4.4738
	15	1.9558	7.5755	27.279	7.4598	313.30	4.1573	4.4880
	16	1.9558	7.5760	27.254	7.4573	311.88	4.1448	4.4853
	17	1.9558	7.5820	27.240	7.4575	311.84	4.1576	4.4860
	18	1.9558	7.5753	27.275	7.4605	311.14	4.1667	4.4860
	19	1.9558	7.5765	27.211	7.4611	312.85	4.1729	4.4875
	22	1.9558	7.5715	27.206	7.4615	310.83	4.1625	4.4836
	23	1.9558	7.5780	27.189	7.4625	310.24	4.1697	4.4805
	24	1.9558	7.5880	27.206	7.4619	311.11	4.1671	4.4675
	25	1.9558	7.5887	27.235	7.4598	311.78	4.1727	4.4555
	26	1.9558	7.5875	27.230	7.4608	312.66	4.1757	4.4575
	29	1.9558	7.5887	27.246	7.4604	314.38	4.1893	4.4888
	30	1.9558	7.5948	27.253	7.4604	314.93	4.1911	4.4725
July	1	1.9558	7.5885	27.246	7.4607	314.33	4.1901	4.4760
	2	1.9558	7.5975	27.265	7.4604	314.85	4.1927	4.4766
	3	1.9558	7.5970	27.145	7.4607	315.48	4.1955	4.4832
	6	1.9558	7.5750	27.135	7.4610	316.13	4.2005	4.4863
	7	1.9558	7.5730	27.100	7.4614	316.18	4.1949	4.4813
	8	1.9558	7.5725	27.116	7.4621	317.87	4.2237	4.4867
	9	1.9558	7.5668	27.110	7.4622	315.00	4.2132	4.4773
	10	1.9558	7.5780	27.123	7.4627	311.01	4.1756	4.4446
	13	1.9558	7.5750	27.102	7.4624	310.90	4.1469	4.4289
	14	1.9558	7.5767	27.080	7.4625	310.90	4.1500	4.4235
	15	1.9558	7.5780	27.078	7.4629	310.77	4.1290	4.4238
	16	1.9558	7.5915	27.116	7.4617	309.15	4.1084	4.4274
	17	1.9558	7.6000	27.054	7.4621	308.84	4.1053	4.4190
	20	1.9558	7.5970	27.072	7.4615	309.26	4.1173	4.4149
	21	1.9558	7.5920	27.072	7.4618	309.00	4.1138	4.4175
	22	1.9558	7.5880	27.068	7.4616	308.33	4.1208	4.4198
	23	1.9558	7.5830	27.039	7.4614	309.60	4.1229	4.4235
	24	1.9558	7.5830	27.042	7.4615	311.19	4.1286	4.4211
	27	1.9558	7.5965	27.029	7.4615	310.02	4.1285	4.4180
	28	1.9558	7.5910	27.023	7.4615	309.88	4.1216	4.4149
	29	1.9558	7.5980	27.066	7.4614	309.29	4.1392	4.4223
	30	1.9558	7.5955	27.053	7.4609	308.93	4.1426	4.4083
	31	1.9558	7.5920	27.031	7.4615	308.30	4.1435	4.4048
Aug	3	1.9558	7.5905	27.041	7.4615	307.89	4.1498	4.4050
	4	1.9558	7.5830	27.055	7.4616	308.10	4.1498	4.4095
	5	1.9558	7.5800	27.037	7.4617	309.30	4.1697	4.4145
	6	1.9558	7.5660	27.029	7.4614	310.45	4.1846	4.4125
	7	1.9558	7.5515	27.024	7.4620	310.35	4.1853	4.4115
	10	1.9558	7.5310	27.034	7.4619	311.27	4.1968	4.4118

* See Explanatory notes, p 59.

II Euro foreign exchange reference 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	
9.3340	0.73788	1.4225	3.4312	1.3512	6.9245	8.6460	70.9961	2015 May 4	
9.3284	0.73500	1.4119	3.4318	1.3440	6.8950	8.6169	70.5142	5	
9.3066	0.73760	1.4030	3.4394	1.3487	6.9630	8.7053	71.3554	6	
9.2951	0.74250	1.4186	3.4218	1.3645	7.0129	8.7642	72.5279	7	
9.2945	0.72800	1.4181	3.4060	1.3581	6.9639	8.7002	71.8031	8	
9.2690	0.71960	1.4117	3.3277	1.3497	6.9194	8.6381	71.1350	11	
9.3147	0.71640	1.4070	3.4514	1.3532	6.9822	8.7133	72.2546	12	
9.3267	0.71740	1.3945	3.3684	1.3436	6.9622	8.6987	71.8256	13	
9.3907	0.72310	1.4087	3.4572	1.3645	7.0812	8.8510	72.7162	14	
9.4273	0.72110	1.4159	3.4119	1.3636	7.0278	8.7803	72.1159	15	
9.3836	0.72700	1.4228	3.4161	1.3733	7.0661	8.8283	72.5115	18	
9.3133	0.72185	1.4027	3.3653	1.3618	6.9384	8.6668	71.2153	19	
9.2927	0.71570	1.4070	3.3759	1.3578	6.8974	8.6193	70.9265	20	
9.2613	0.70990	1.4112	3.3530	1.3600	6.8980	8.6322	70.8201	21	
9.2476	0.71380	1.4163	3.3931	1.3620	6.9194	8.6543	70.8589	22	
9.2425	0.71000	1.4023	3.4250	1.3496	6.8098	8.5100	69.7761	25	
9.1860	0.70960	1.4020	3.4121	1.3520	6.7785	8.4706	69.8445	26	
9.2708	0.70700	1.4089	3.4335	1.3531	6.7338	8.4222	69.5788	27	
9.2617	0.71240	1.4267	3.4373	1.3594	6.7568	8.4484	69.5410	28	
9.3272	0.71900	1.4338	3.4522	1.3650	6.7994	8.5052	69.9893	29	
9.3734	0.71925	1.4341	3.5066	1.3673	6.7807	8.4871	69.7123	June 1	
9.3810	0.72430	1.4342	3.4735	1.3784	6.8358	8.5539	70.4047	2	
9.3890	0.72750	1.4321	3.4937	1.3856	6.9026	8.6330	71.1522	3	
9.3396	0.73540	1.4618	3.5498	1.4089	7.0177	8.7733	72.4362	4	
9.3417	0.73170	1.4534	3.5189	1.4023	6.9596	8.6979	71.5602	5	
9.3678	0.73180	1.4615	3.5023	1.3879	6.9278	8.6536	71.5360	8	
9.3535	0.73540	1.4606	3.4925	1.3889	6.9810	8.7211	71.9645	9	
9.3616	0.72840	1.4571	3.4761	1.3801	7.0008	8.7446	72.0444	10	
9.2558	0.72660	1.4533	3.5479	1.3839	6.9707	8.7078	71.8644	11	
9.2040	0.72450	1.4560	3.4720	1.3804	6.9655	8.6990	71.8973	12	
9.1780	0.72340	1.4466	3.5134	1.3845	6.9653	8.6972	71.9831	15	
9.1944	0.71820	1.4482	3.5150	1.3843	6.9651	8.6949	72.1229	16	
9.2185	0.71700	1.4694	3.4952	1.3887	7.0010	8.7445	72.3435	17	
9.2160	0.71670	1.4570	3.4778	1.3867	7.0786	8.8415	72.6805	18	
9.2177	0.71340	1.4591	3.4665	1.3865	7.0160	8.7585	71.8193	19	
9.2253	0.71690	1.4616	3.5089	1.3879	7.0446	8.7944	72.0700	22	
9.2071	0.71010	1.4538	3.4655	1.3825	6.9539	8.6859	71.2742	23	
9.2118	0.71180	1.4473	3.4442	1.3793	6.9619	8.6927	71.3016	24	
9.2276	0.71260	1.4477	3.4689	1.3878	6.9580	8.6866	71.2500	25	
9.2641	0.71230	1.4631	3.5157	1.3851	6.9553	8.6842	71.2458	26	
9.2447	0.70850	1.4526	3.4959	1.3776	6.9121	8.6306	71.0695	29	
9.2150	0.71140	1.4550	3.4699	1.3839	6.9366	8.6740	71.1873	30	
9.2460	0.70905	1.4458	3.4451	1.3902	6.8838	8.6053	70.6016	July 1	
9.3480	0.71030	1.4573	3.4850	1.3963	6.8659	8.5778	70.2829	2	
9.3726	0.71020	1.4747	3.4584	1.3961	6.8856	8.6021	70.3917	3	
9.3699	0.70800	1.4688	3.4659	1.3914	6.8337	8.5338	69.8398	6	
9.3288	0.70770	1.4722	3.4547	1.3925	6.7909	8.4771	69.3950	7	
9.3927	0.71730	1.4866	3.5334	1.4048	6.8449	8.5472	70.1086	8	
9.3627	0.71760	1.4816	3.5677	1.4022	6.8632	8.5693	70.0713	9	
9.4101	0.72080	1.4975	3.5626	1.4212	6.9452	8.6697	70.9129	10	
9.3884	0.71150	1.4874	3.5091	1.4055	6.8597	8.5653	70.2075	13	
9.4080	0.70840	1.4828	3.4515	1.4076	6.8478	8.5500	69.8704	14	
9.3570	0.70450	1.4753	3.4606	1.4030	6.8357	8.5330	69.8218	15	
9.2787	0.69810	1.4713	3.4219	1.4070	6.7496	8.4229	69.0173	16	
9.3435	0.69830	1.4712	3.4455	1.4132	6.7615	8.4394	69.1166	17	
9.3443	0.69710	1.4703	3.4666	1.4091	6.7378	8.4117	69.0785	20	
9.3683	0.69870	1.4746	3.4680	1.4118	6.7479	8.4229	69.1250	21	
9.3836	0.69820	1.4765	3.4816	1.4167	6.7695	8.4498	69.3814	22	
9.4322	0.70440	1.4844	3.5932	1.4271	6.8299	8.5255	70.1379	23	
9.4263	0.70690	1.5058	3.6466	1.4320	6.7918	8.4793	70.1404	24	
9.4530	0.71270	1.5184	3.7354	1.4409	6.8668	8.5708	70.9592	27	
9.4537	0.70740	1.5089	3.6916	1.4348	6.8459	8.5457	70.4663	28	
9.4766	0.70530	1.5101	3.7163	1.4289	6.8486	8.5494	70.4872	29	
9.4714	0.70100	1.5065	3.6735	1.4220	6.8027	8.4920	70.1571	30	
9.4622	0.70410	1.5140	3.6974	1.4310	6.8102	8.5032	70.3382	31	
9.4865	0.70280	1.5071	3.7824	1.4404	6.8002	8.4903	70.1343	Aug 3	
9.4450	0.70275	1.4831	3.7718	1.4408	6.8143	8.5084	69.9556	4	
9.4776	0.69630	1.4755	3.7721	1.4334	6.7580	8.4386	69.3846	5	
9.5365	0.70140	1.4849	3.8273	1.4333	6.7593	8.4401	69.4082	6	
9.5744	0.70510	1.4809	3.8579	1.4313	6.7940	8.4811	69.8200	7	
9.5958	0.70710	1.4884	3.8559	1.4392	6.8058	8.4968	70.0028	10	

II Euro foreign exchange reference rates of the European Central Bank *

1 Daily rates (cont'd)

EUR 1 = CU ...

		Other European and non-European countries (cont'd)							
		Indonesia	Israel	Japan	Korea, Republic of	Malaysia	Mexico	New Zealand	Norway
Period		Indonesian rupiah IDR	New Israeli sheqel ILS	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN	New Zealand dollar NZD	Norwegian krone NOK
2015 May	4	14,521.99	4.3367	134.07	1,206.68	4.0152	17.3313	1.4727	8.4630
	5	14,526.52	4.3172	133.92	1,204.72	4.0166	17.1652	1.4822	8.4475
	6	14,662.18	4.3465	134.59	1,215.84	4.0089	17.2044	1.4990	8.4130
	7	14,853.95	4.3658	134.72	1,234.03	4.0671	17.3362	1.5108	8.3275
	8	14,727.17	4.3375	134.90	1,227.08	4.0362	17.1765	1.5085	8.3815
	11	14,647.30	4.3118	133.64	1,219.64	4.0102	16.9074	1.5115	8.4245
	12	14,844.94	4.3442	134.85	1,231.25	4.0609	17.3215	1.5239	8.3945
	13	14,723.46	4.3235	134.31	1,229.03	4.0360	17.1482	1.5061	8.3570
	14	14,891.45	4.3618	136.12	1,245.36	4.0762	17.3826	1.5199	8.4328
	15	14,878.12	4.3386	135.78	1,234.48	4.0449	17.2921	1.5237	8.3745
	18	14,967.91	4.3569	136.33	1,236.94	4.0650	17.1188	1.5356	8.3815
	19	14,690.46	4.3132	134.36	1,219.29	4.0207	16.9139	1.5103	8.3545
	20	14,609.91	4.3050	134.43	1,218.25	4.0180	16.8716	1.5143	8.3975
	21	14,620.12	4.3031	134.79	1,218.13	4.0123	16.8999	1.5239	8.4330
	22	14,679.48	4.3097	135.01	1,218.15	4.0013	17.0050	1.5169	8.4135
	25	14,471.40	4.2690	133.39	1,204.41	3.9668	16.7662	1.5025	8.3900
	26	14,436.20	4.2423	134.07	1,207.02	3.9642	16.7097	1.4981	8.3685
	27	14,361.48	4.2134	134.37	1,205.12	3.9615	16.6550	1.5031	8.4255
	28	14,380.97	4.2277	135.36	1,208.30	3.9797	16.7079	1.5213	8.4910
	29	14,512.24	4.2484	135.95	1,220.31	4.0195	16.8433	1.5405	8.5360
June	1	14,444.10	4.2342	135.79	1,217.13	4.0368	16.8773	1.5372	8.7065
	2	14,570.85	4.2564	137.52	1,228.83	4.0769	17.0376	1.5487	8.6755
	3	14,746.95	4.2932	138.46	1,233.44	4.1079	17.2326	1.5586	8.7145
	4	15,047.75	4.3416	140.47	1,256.92	4.1867	17.5812	1.5834	8.7370
	5	14,912.50	4.3118	139.97	1,249.74	4.1766	17.4451	1.5713	8.8085
	8	14,900.68	4.3139	139.84	1,252.08	4.2075	17.4998	1.5776	8.8270
	9	14,997.17	4.3119	139.56	1,258.68	4.2212	17.5448	1.5715	8.7780
	10	14,984.62	4.3188	138.69	1,255.00	4.2169	17.4289	1.5689	8.6990
	11	14,946.03	4.3073	138.95	1,252.23	4.2062	17.4152	1.6042	8.7860
	12	14,951.03	4.3175	138.78	1,251.48	4.2106	17.3125	1.6083	8.6950
	15	14,953.21	4.3107	138.54	1,253.50	4.2185	17.3273	1.6053	8.7120
	16	14,965.30	4.3056	138.42	1,256.05	4.2107	17.3283	1.6058	8.7230
	17	15,051.87	4.3340	139.78	1,263.34	4.2356	17.3843	1.6284	8.7245
	18	15,177.38	4.3503	139.94	1,258.22	4.2231	17.3278	1.6399	8.8310
	19	15,050.27	4.3247	139.19	1,249.77	4.2298	17.3146	1.6393	8.8255
	22	15,080.90	4.3535	139.80	1,249.02	4.2345	17.3868	1.6484	8.7420
	23	14,878.91	4.2341	138.72	1,238.95	4.1925	17.2284	1.6381	8.7255
	24	14,917.43	4.2182	138.93	1,244.32	4.2182	17.2490	1.6297	8.7690
	25	14,918.16	4.2249	138.52	1,245.32	4.2107	17.3559	1.6211	8.7595
	26	14,925.51	4.2511	138.58	1,258.49	4.2416	17.4219	1.6247	8.7730
	29	14,868.34	4.2250	136.81	1,249.68	4.2070	17.3959	1.6268	8.8065
	30	14,938.43	4.2211	137.01	1,251.27	4.2185	17.5332	1.6548	8.7910
July	1	14,810.69	4.1963	136.63	1,246.87	4.1756	17.4492	1.6415	8.7435
	2	14,752.20	4.1900	136.82	1,245.07	4.1777	17.5086	1.6597	8.7950
	3	14,792.54	4.1756	136.38	1,246.81	4.1937	17.4240	1.6581	8.8500
	6	14,700.08	4.1622	135.11	1,241.95	4.2018	17.4537	1.6440	8.9095
	7	14,576.82	4.1374	133.88	1,238.42	4.1727	17.3038	1.6487	8.9830
	8	14,725.56	4.1860	133.88	1,249.49	4.1979	17.4455	1.6484	9.0700
	9	14,728.14	4.1863	134.30	1,249.29	4.1952	17.4211	1.6399	9.0185
	10	14,861.47	4.2125	136.88	1,260.38	4.2436	17.5694	1.6570	8.9005
	13	14,694.28	4.1794	136.30	1,252.35	4.2059	17.4077	1.6470	8.9035
	14	14,706.09	4.1558	136.02	1,259.33	4.1912	17.3076	1.6468	8.9925
	15	14,681.95	4.1438	135.95	1,258.96	4.1867	17.2346	1.6445	8.9405
	16	14,548.21	4.1202	134.90	1,248.24	4.1311	17.1981	1.6674	8.8580
	17	14,529.02	4.1358	135.01	1,249.02	4.1343	17.2141	1.6619	8.8805
	20	14,561.06	4.1532	134.83	1,254.49	4.1349	17.2628	1.6486	8.8955
	21	14,535.28	4.1392	135.17	1,252.96	4.1309	17.3622	1.6460	8.9165
	22	14,621.13	4.1610	134.98	1,257.50	4.1359	17.5173	1.6562	8.8990
	23	14,758.12	4.2047	136.15	1,274.70	4.1846	17.6836	1.6477	8.9630
	24	14,742.32	4.1926	135.70	1,284.37	4.1844	17.8076	1.6670	8.9955
	27	14,924.55	4.2071	136.23	1,293.39	4.2242	18.0555	1.6741	9.0420
	28	14,823.65	4.1649	136.46	1,283.83	4.2060	17.8941	1.6545	9.0215
	29	14,850.85	4.1708	136.50	1,277.13	4.2028	17.9695	1.6531	8.9975
	30	14,778.97	4.1420	136.25	1,285.21	4.1837	17.9459	1.6577	8.9430
	31	14,866.29	4.1440	136.34	1,287.41	4.2015	17.7473	1.6769	9.0015
Aug	3	14,790.19	4.1316	136.07	1,281.97	4.2181	17.6897	1.6618	9.0005
	4	14,790.33	4.1612	136.07	1,274.78	4.2271	17.6781	1.6630	9.0015
	5	14,707.43	4.1425	135.23	1,273.24	4.2202	17.7295	1.6641	8.9955
	6	14,724.55	4.1451	135.94	1,270.42	4.2588	17.8345	1.6665	9.0260
	7	14,809.32	4.1737	136.43	1,272.46	4.2960	17.8180	1.6647	9.0410
	10	14,823.56	4.1754	136.67	1,275.09	4.3144	17.7623	1.6668	9.0260

* See Explanatory notes, p 59.

II Euro foreign exchange reference 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	
49.803	57.7651	1.4861	13.4390	1.0431	37.158	3.0278	1.1152	2015 May 4
49.623	57.1600	1.4862	13.3938	1.0376	37.131	3.0169	1.1117	5
50.061	56.0901	1.4899	13.5142	1.0374	37.373	3.0405	1.1230	6
50.551	57.0550	1.5049	13.5617	1.0343	37.967	3.0332	1.1305	7
50.141	56.9050	1.4923	13.5267	1.0385	37.597	3.0324	1.1221	8
49.830	57.3713	1.4871	13.3584	1.0403	37.521	3.0042	1.1142	11
50.366	56.9300	1.5013	13.6327	1.0396	37.939	3.0245	1.1239	12
50.120	55.6080	1.4916	13.4450	1.0410	37.661	2.9744	1.1221	13
50.839	57.0610	1.5053	13.5127	1.0386	38.241	2.9764	1.1419	14
50.365	56.7475	1.5023	13.4438	1.0463	38.070	2.9405	1.1328	15
50.596	56.0016	1.5056	13.5051	1.0482	37.977	2.9385	1.1389	18
49.862	55.2035	1.4885	13.2540	1.0420	37.375	2.8900	1.1180	19
49.579	55.4715	1.4851	13.2281	1.0429	37.334	2.8845	1.1118	20
49.433	55.2685	1.4875	13.1113	1.0394	37.203	2.8611	1.1133	21
49.804	55.8500	1.4848	13.1543	1.0417	37.242	2.8945	1.1164	22
48.958	54.8810	1.4728	13.1034	1.0349	36.882	2.8665	1.0978	25
48.790	55.0995	1.4707	13.1248	1.0351	36.799	2.8751	1.0926	26
48.586	56.4100	1.4691	13.1620	1.0331	36.777	2.8848	1.0863	27
48.560	57.1277	1.4723	13.2001	1.0344	36.909	2.8970	1.0896	28
48.949	57.4638	1.4799	13.3409	1.0341	37.007	2.9188	1.0970	29
48.697	58.2567	1.4795	13.4116	1.0331	36.881	2.9297	1.0944	June 1
49.290	58.5640	1.4945	13.5207	1.0391	37.255	2.9556	1.1029	2
49.872	59.7700	1.5018	13.6489	1.0427	37.506	2.9824	1.1134	3
50.790	62.1695	1.5221	13.9625	1.0551	38.171	3.0377	1.1317	4
50.501	62.8100	1.5122	13.9126	1.0478	37.829	2.9899	1.1218	5
50.465	62.3147	1.5165	14.0463	1.0470	37.694	3.0865	1.1162	8
50.757	62.8285	1.5196	13.9876	1.0465	37.941	3.0758	1.1249	9
50.756	61.4818	1.5168	13.9499	1.0486	37.944	3.0936	1.1279	10
50.879	61.3375	1.5135	13.9601	1.0523	37.911	3.0749	1.1232	11
50.776	61.8100	1.5126	13.9279	1.0469	37.820	3.0480	1.1220	12
50.735	61.5060	1.5107	13.9372	1.0512	37.818	3.0738	1.1218	15
50.707	60.8890	1.5098	13.9607	1.0465	37.789	3.0707	1.1215	16
50.962	61.0345	1.5189	14.0226	1.0451	38.015	3.0860	1.1279	17
51.181	61.0685	1.5186	13.8857	1.0461	38.348	3.0960	1.1404	18
50.887	61.4023	1.5110	13.8608	1.0449	38.066	3.0645	1.1299	19
51.027	61.1680	1.5141	13.7910	1.0435	38.178	3.0408	1.1345	22
50.536	60.9175	1.5006	13.6514	1.0449	37.819	3.0010	1.1204	23
50.514	60.9332	1.5061	13.5958	1.0449	37.875	2.9962	1.1213	24
50.549	61.2318	1.5032	13.5625	1.0507	37.830	2.9845	1.1206	25
50.510	61.8070	1.5100	13.6412	1.0447	37.868	2.9848	1.1202	26
50.301	61.6025	1.5016	13.6434	1.0376	37.635	2.9905	1.1133	29
50.474	62.3550	1.5068	13.6416	1.0413	37.796	2.9953	1.1189	30
50.222	61.5175	1.4982	13.5328	1.0457	37.537	2.9748	1.1100	July 1
49.987	61.6618	1.4963	13.6706	1.0507	37.420	2.9925	1.1066	2
49.988	61.8765	1.4953	13.6359	1.0466	37.482	2.9873	1.1096	3
49.651	62.1340	1.4876	13.6731	1.0422	37.257	2.9622	1.1008	6
49.489	62.9407	1.4841	13.6408	1.0383	37.119	2.9327	1.0931	7
49.818	62.9475	1.4917	13.7974	1.0463	37.500	2.9592	1.1024	8
49.924	62.8445	1.4931	13.7689	1.0504	37.500	2.9526	1.1054	9
50.448	63.0390	1.5075	13.8826	1.0464	37.951	2.9796	1.1185	10
49.874	62.6920	1.4955	13.7985	1.0478	37.599	2.9391	1.1049	13
49.886	62.5347	1.5002	13.6795	1.0422	37.536	2.9086	1.1031	14
49.818	62.4150	1.4999	13.5986	1.0439	37.514	2.9112	1.1009	15
49.165	61.9145	1.4854	13.4938	1.0407	37.187	2.8840	1.0867	16
49.212	61.9170	1.4870	13.4191	1.0431	37.189	2.8862	1.0889	17
49.180	61.8838	1.4895	13.4684	1.0443	37.363	2.9189	1.0852	20
49.119	61.9215	1.4841	13.4696	1.0440	37.469	2.9222	1.0867	21
49.260	62.3115	1.4889	13.4922	1.0482	37.795	2.9660	1.0902	22
49.873	63.1740	1.5029	13.6702	1.0517	38.215	2.9975	1.0999	23
49.839	63.9190	1.5039	13.8192	1.0512	38.233	3.0085	1.0939	24
50.356	65.8165	1.5152	14.0287	1.0595	38.585	3.0679	1.1058	27
50.163	66.3770	1.5073	13.8491	1.0659	38.477	3.0315	1.1025	28
50.196	65.6940	1.5075	13.8317	1.0622	38.552	3.0434	1.1030	29
50.100	65.3858	1.5053	13.8962	1.0633	38.436	3.0472	1.0955	30
50.146	66.8596	1.5082	13.9210	1.0565	38.571	3.0485	1.0967	31
50.078	68.5891	1.5087	13.9277	1.0598	38.419	3.0430	1.0951	Aug 3
50.074	68.8830	1.5104	13.8875	1.0640	38.448	3.0430	1.0973	4
49.758	68.5840	1.5057	13.8983	1.0658	38.346	3.0247	1.0883	5
49.830	69.8530	1.5080	13.8905	1.0713	38.283	3.0316	1.0885	6
50.040	70.2133	1.5136	13.8948	1.0738	38.460	3.0512	1.0941	7
50.213	70.4100	1.5191	13.9475	1.0800	38.513	3.0591	1.0960	10

II Euro foreign exchange reference rates of the European Central Bank *

2 Monthly averages +

EUR 1 = CU ...

Period	EU member countries									Other European
	Bulgaria	Croatia	Czech Republic	Denmark	Hungary	Poland	Romania	Sweden	United Kingdom	Australia
	Bulgarian lev BGN	Kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	Swedish krona SEK	Pound sterling GBP	Australian dollar AUD
2010 July	1.9558	7.2198	25.328	7.4522	283.75	4.0814	4.2608	9.4954	0.83566	1.4586
Aug	1.9558	7.2525	24.806	7.4495	281.45	3.9899	4.2396	9.4216	0.82363	1.4337
Sep	1.9558	7.2874	24.651	7.4476	282.10	3.9548	4.2655	9.2241	0.83987	1.3943
Oct	1.9558	7.3277	24.531	7.4567	274.01	3.9496	4.2787	9.2794	0.87638	1.4164
Nov	1.9558	7.3830	24.633	7.4547	275.51	3.9520	4.2940	9.3166	0.85510	1.3813
Dec	1.9558	7.3913	25.174	7.4528	277.62	3.9962	4.2929	9.0559	0.84813	1.3304
2011 Jan	1.9558	7.4008	24.449	7.4518	275.33	3.8896	4.2624	8.9122	0.84712	1.3417
Feb	1.9558	7.4149	24.277	7.4555	271.15	3.9264	4.2457	8.7882	0.84635	1.3543
Mar	1.9558	7.3915	24.393	7.4574	270.89	4.0145	4.1621	8.8864	0.86653	1.3854
Apr	1.9558	7.3639	24.301	7.4574	265.29	3.9694	4.1004	8.9702	0.88291	1.3662
May	1.9558	7.4052	24.381	7.4566	266.96	3.9404	4.1142	8.9571	0.87788	1.3437
June	1.9558	7.4065	24.286	7.4579	266.87	3.9702	4.1937	9.1125	0.88745	1.3567
July	1.9558	7.4316	24.335	7.4560	267.68	3.9951	4.2413	9.1340	0.88476	1.3249
Aug	1.9558	7.4620	24.273	7.4498	272.37	4.1195	4.2505	9.1655	0.87668	1.3651
Sep	1.9558	7.4936	24.556	7.4462	285.05	4.3379	4.2838	9.1343	0.87172	1.3458
Oct	1.9558	7.4849	24.841	7.4442	296.79	4.3516	4.3244	9.1138	0.87036	1.3525
Nov	1.9558	7.4923	25.464	7.4412	309.15	4.4324	4.3560	9.1387	0.85740	1.3414
Dec	1.9558	7.5136	25.514	7.4341	304.19	4.4774	4.3282	9.0184	0.84405	1.3003
2012 Jan	1.9558	7.5543	25.531	7.4353	307.33	4.3760	4.3417	8.8503	0.83210	1.2405
Feb	1.9558	7.5815	25.042	7.4341	290.68	4.1835	4.3513	8.8196	0.83696	1.2327
Mar	1.9558	7.5358	24.676	7.4354	292.26	4.1370	4.3668	8.8873	0.83448	1.2538
Apr	1.9558	7.4991	24.809	7.4393	294.81	4.1782	4.3789	8.8650	0.82188	1.2718
May	1.9558	7.5383	25.313	7.4335	293.67	4.2937	4.4412	8.9924	0.83071	1.2825
June	1.9558	7.5434	25.640	7.4325	293.57	4.2973	4.4626	8.8743	0.80579	1.2550
July	1.9558	7.5006	25.447	7.4384	286.28	4.1837	4.5549	8.5451	0.78827	1.1931
Aug	1.9558	7.4853	25.021	7.4454	278.93	4.0934	4.5176	8.2805	0.78884	1.1841
Sep	1.9558	7.4291	24.752	7.4539	284.22	4.1345	4.5022	8.4929	0.79821	1.2372
Oct	1.9558	7.5140	24.939	7.4582	282.09	4.1071	4.5624	8.6145	0.80665	1.2596
Nov	1.9558	7.5410	25.365	7.4587	282.26	4.1321	4.5273	8.6076	0.80389	1.2331
Dec	1.9558	7.5334	25.214	7.4604	285.79	4.0956	4.4899	8.6512	0.81237	1.2527
2013 Jan	1.9558	7.5746	25.563	7.4614	294.01	4.1424	4.3835	8.6217	0.83271	1.2658
Feb	1.9558	7.5868	25.475	7.4598	292.73	4.1700	4.3839	8.5083	0.86250	1.2951
Mar	1.9558	7.5909	25.659	7.4553	303.01	4.1565	4.3923	8.3470	0.85996	1.2537
Apr	1.9558	7.6076	25.841	7.4553	298.67	4.1359	4.3780	8.4449	0.85076	1.2539
May	1.9558	7.5684	25.888	7.4536	292.38	4.1799	4.3360	8.5725	0.84914	1.3133
June	1.9558	7.4901	25.759	7.4576	295.70	4.2839	4.4803	8.6836	0.85191	1.3978
July	1.9558	7.5061	25.944	7.4579	294.90	4.2745	4.4244	8.6609	0.86192	1.4279
Aug	1.9558	7.5372	25.818	7.4580	299.46	4.2299	4.4371	8.7034	0.85904	1.4742
Sep	1.9558	7.5985	25.789	7.4579	299.75	4.2371	4.4633	8.6758	0.84171	1.4379
Oct	1.9558	7.6193	25.662	7.4592	294.76	4.1902	4.4444	8.7479	0.84720	1.4328
Nov	1.9558	7.6326	26.927	7.4587	297.68	4.1887	4.4452	8.8802	0.83780	1.4473
Dec	1.9558	7.6365	27.521	7.4602	300.24	4.1760	4.4635	8.9597	0.83639	1.5243
2014 Jan	1.9558	7.6353	27.485	7.4614	302.48	4.1799	4.5205	8.8339	0.82674	1.5377
Feb	1.9558	7.6574	27.444	7.4622	310.20	4.1741	4.4918	8.8721	0.82510	1.5222
Mar	1.9558	7.6576	27.395	7.4638	311.49	4.1987	4.4933	8.8666	0.83170	1.5217
Apr	1.9558	7.6267	27.450	7.4656	307.37	4.1853	4.4620	9.0329	0.82520	1.4831
May	1.9558	7.5952	27.437	7.4641	304.58	4.1800	4.4237	9.0298	0.81535	1.4755
June	1.9558	7.5770	27.450	7.4588	305.87	4.1352	4.3930	9.0914	0.80409	1.4517
July	1.9558	7.6146	27.458	7.4564	309.81	4.1444	4.4098	9.2327	0.79310	1.4420
Aug	1.9558	7.6326	27.816	7.4551	313.91	4.1919	4.4252	9.1878	0.79730	1.4306
Sep	1.9558	7.6236	27.599	7.4449	313.20	4.1899	4.4095	9.1929	0.79113	1.4246
Oct	1.9558	7.6573	27.588	7.4448	307.85	4.2066	4.4153	9.1797	0.78861	1.4436
Nov	1.9558	7.6700	27.667	7.4415	306.89	4.2121	4.4288	9.2384	0.79054	1.4432
Dec	1.9558	7.6682	27.640	7.4402	310.83	4.2155	4.4583	9.4043	0.78830	1.4928
2015 Jan	1.9558	7.6883	27.895	7.4406	316.50	4.2783	4.4874	9.4167	0.76680	1.4390
Feb	1.9558	7.7114	27.608	7.4501	306.88	4.1760	4.4334	9.4901	0.74051	1.4568
Mar	1.9558	7.6467	27.379	7.4593	303.45	4.1259	4.4339	9.2449	0.72358	1.4008
Apr	1.9558	7.5896	27.439	7.4655	299.43	4.0180	4.4155	9.3254	0.72116	1.3939
May	1.9558	7.5591	27.397	7.4612	306.33	4.0811	4.4477	9.3037	0.72124	1.4123
June	1.9558	7.5719	27.307	7.4603	311.96	4.1586	4.4671	9.2722	0.72078	1.4530
July	1.9558	7.5863	27.094	7.4616	311.53	4.1524	4.4391	9.3860	0.70685	1.4844

* See Explanatory notes, p 59. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. 1 Up to December 2010, ECB indicative rates.

II Euro foreign exchange reference rates of the European Central Bank *

and non-European countries											
Brazil	Canada	China	Hong Kong	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia		
Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Hong Kong dollar HKD	Indian rupee INR	Indonesian rupiah IDR	New Israeli sheqel ILS ¹	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Period	
2.2600	1.3322	8.6538	9.9308	59.8100	11,546.78	4.9236	111.73	1,538.85	4.0924	2010 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	
2.9860	1.4128	8.3226	10.5724	84.0071	15,109.54	4.8232	133.32	1,454.73	4.3283	Oct	
3.0959	1.4145	8.2221	10.4604	84.4990	15,575.06	4.7711	134.97	1,434.06	4.3176	Nov	
3.2133	1.4580	8.3248	10.6254	84.7631	16,455.73	4.8019	141.68	1,446.99	4.4517	Dec	
3.2437	1.4884	8.2368	10.5586	84.5099	16,471.94	4.7569	141.47	1,453.94	4.5005	2014 Jan	
3.2581	1.5094	8.3062	10.6012	84.9503	16,270.18	4.8043	139.35	1,462.51	4.5194	Feb	
3.2187	1.5352	8.5332	10.7283	84.2990	15,785.89	4.8087	141.48	1,479.99	4.5361	Mar	
3.0864	1.5181	8.5984	10.7107	83.3624	15,801.66	4.8010	141.62	1,441.28	4.4989	Apr	
3.0512	1.4951	8.5658	10.6456	81.4318	15,830.12	4.7600	139.74	1,407.13	4.4337	May	
3.0388	1.4728	8.4698	10.5365	81.2046	16,167.87	4.6966	138.72	1,385.45	4.3760	June	
3.0109	1.4524	8.3940	10.4935	81.3058	15,789.65	4.6325	137.72	1,382.29	4.3100	July	
3.0219	1.4548	8.1965	10.3207	81.0709	15,603.10	4.6569	137.11	1,364.17	4.2310	Aug	
3.0089	1.4196	7.9207	10.0019	78.5676	15,362.85	4.6896	138.39	1,336.02	4.1522	Sep	
3.1018	1.4214	7.7635	9.8309	77.7896	15,389.80	4.7249	136.85	1,345.25	4.1436	Oct	
3.1829	1.4136	7.6411	9.6716	76.9566	15,177.15	4.7783	145.03	1,370.36	4.1747	Nov	
3.2499	1.4216	7.6330	9.5626	77.3781	15,351.19	4.8503	147.06	1,359.97	4.2903	Dec	
3.0639	1.4039	7.2269	9.0102	72.2141	14,617.69	4.5856	137.47	1,266.19	4.1648	2015 Jan	
3.1977	1.4199	7.0960	8.8020	70.4356	14,504.28	4.4192	134.69	1,250.50	4.0822	Feb	
3.3997	1.3661	6.7623	8.4081	67.7387	14,152.16	4.3325	130.41	1,205.92	3.9889	Mar	
3.2800	1.3313	6.6863	8.3550	67.6432	13,950.49	4.2456	128.94	1,170.32	3.9118	Apr	
3.4105	1.3568	6.9165	8.6436	71.1153	14,650.36	4.3086	134.75	1,220.20	4.0191	May	
3.4941	1.3854	6.9587	8.6935	71.5873	14,919.43	4.2891	138.74	1,248.79	4.1949	June	
3.5405	1.4124	6.8269	8.5236	69.9960	14,720.40	4.1679	135.68	1,260.75	4.1824	July	

II Euro foreign exchange reference rates of the European Central Bank *

2 Monthly averages + (cont'd)

EUR 1 = CU ...

Period	Other European and non-European countries (cont'd)										
	Mexico Mexican peso MXN	New Zealand New Zealand dollar NZD	Norway Norwegian krone NOK	Philippines Philippine peso PHP	Russian Federation Russian rouble RUB	Singapore Singapore dollar SGD	South Africa South African rand ZAR	Switzerland Swiss franc CHF	Thailand Thai baht THB	Turkey Turkish lira TRY	United States US dollar USD
2010 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
Oct	17.7413	1.6351	8.1208	58.809	43.7440	1.6956	13.5283	1.2316	42.549	2.7095	1.3635
Nov	17.6340	1.6327	8.2055	58.811	44.1581	1.6833	13.7626	1.2316	42.695	2.7316	1.3493
Dec	17.8278	1.6659	8.4053	60.552	45.0628	1.7244	14.2234	1.2245	44.323	2.8276	1.3704
2014 Jan	17.9964	1.6450	8.3927	61.263	46.0304	1.7327	14.8242	1.2317	44.822	3.0297	1.3610
Feb	18.1561	1.6466	8.3562	61.238	48.2554	1.7295	14.9820	1.2212	44.568	3.0184	1.3659
Mar	18.2447	1.6199	8.2906	61.901	49.9477	1.7513	14.8613	1.2177	44.765	3.0629	1.3823
Apr	18.0485	1.6049	8.2506	61.646	49.2978	1.7345	14.5815	1.2189	44.657	2.9393	1.3813
May	17.7620	1.5957	8.1513	60.258	47.8403	1.7189	14.2995	1.2204	44.686	2.8736	1.3732
June	17.6516	1.5769	8.2149	59.543	46.7509	1.7008	14.5094	1.2181	44.195	2.8808	1.3592
July	17.5834	1.5578	8.3880	58.844	46.9984	1.6825	14.4366	1.2150	43.470	2.8699	1.3539
Aug	17.5051	1.5783	8.2522	58.320	48.1781	1.6622	14.2052	1.2118	42.644	2.8784	1.3316
Sep	17.0717	1.5841	8.1798	57.033	49.0519	1.6295	14.1578	1.2076	41.536	2.8543	1.2901
Oct	17.0713	1.6090	8.3136	56.807	51.9380	1.6154	14.0266	1.2078	41.139	2.8577	1.2673
Nov	16.9850	1.5928	8.4912	56.101	57.5193	1.6173	13.8359	1.2027	40.908	2.7885	1.2472
Dec	17.8692	1.5874	8.9802	55.092	70.3269	1.6213	14.1582	1.2026	40.564	2.8304	1.2331
2015 Jan	17.0782	1.5213	8.9320	51.791	75.0459	1.5545	13.4598	1.0940	38.056	2.7153	1.1621
Feb	16.9310	1.5236	8.6188	50.174	73.0742	1.5382	13.1532	1.0618	36.963	2.7958	1.1350
Mar	16.4941	1.4506	8.6434	48.227	65.1401	1.4913	13.0756	1.0608	35.355	2.8077	1.0838
Apr	16.4288	1.4217	8.5057	47.863	56.7415	1.4539	12.9588	1.0379	35.072	2.8743	1.0779
May	17.0378	1.5112	8.4103	49.741	56.3735	1.4882	13.3506	1.0391	37.408	2.9491	1.1150
June	17.3467	1.6046	8.7550	50.508	61.2390	1.5091	13.7965	1.0455	37.818	3.0299	1.1213
July	17.5297	1.6542	8.9357	49.814	63.2077	1.4972	13.6973	1.0492	37.760	2.9705	1.0996

* See Explanatory notes, p 59. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. 1 Discontinuation of the minimum exchange rate on 15 January 2015.

II Euro foreign exchange reference rates of the European Central Bank *

3 End-of-year rates and annual averages

EUR 1 = CU ...

EU member countries										
Period	Bulgaria BGN 1	Croatia Kuna HRK 2	Cyprus Cyprus pound CYP 3	Czech Republic Czech koruna CZK	Denmark Danish krone DKK	Estonia Estonian kroon EEK 3	Greece Greek drachma GRD 3	Hungary Hungarian forint HUF	Latvia Latvian lats LVL 1,3	Lithuania Lithuanian litas LTL 1,3
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
2013	1.9558	7.6265	-	27.427	7.4593	-	-	297.04	0.702804	3.4528
2014	1.9558	7.6580	-	27.735	7.4453	-	-	315.54	-	3.4528
Annual averages +										
1999	-	-	0.57884	36.884	7.4355	15.6466	325.76	252.77	0.6256	4.2641
2000	4 1.9477	5 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
2013	1.9558	7.5786	-	25.980	7.4579	-	-	296.87	0.7015	3.4528
2014	1.9558	7.6344	-	27.536	7.4548	-	-	308.71	-	3.4528
EU member countries (cont'd)							Other European and non-European countries			
Malta	Poland	Romania	Slovakia	Slovenia	Sweden	United Kingdom	Australia	Brazil	Canada	
Maltese lira MTL 1,3	Polish zloty PLN	Romanian leu (old)/(new) ROL/RON 1,6	Slovak koruna SKK 1,3	Slovenian tolar SIT 3	Swedish krona SEK	Pound sterling GBP	Australian dollar AUD	Brazilian real BRL 7	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	1.3965	
2001	0.3994	3.4953	27,817	42.780	218.8364	9.3012	0.60850	1.7280	1.4077	
2002	0.4182	4.0210	35,135	41.503	230.1577	9.1528	0.65050	1.8556	1.6550	
2003	0.4317	4.7019	41,158	41.170	236.7000	9.0800	0.70480	1.6802	1.6234	
2004	0.4343	4.0845	39,390	38.745	239.7600	9.0206	0.70505	1.7459	1.6416	
2005	0.4293	3.8600	6 3.6802	37.880	239.5000	9.3885	0.68530	1.6109	1.7281	
2006	0.4293	3.8310	3.3835	34.435	239.6400	9.0404	0.67150	1.6691	1.5281	
2007	0.4293	3.5935	3.6077	33.583	-	9.4415	0.73335	1.6757	1.4449	
2008	-	4.1535	4.0225	30.126	-	10.8700	0.95250	2.0274	1.6998	
2009	-	4.1045	4.2363	-	-	10.2520	0.88810	1.6008	1.5128	
2010	-	3.9750	4.2620	-	-	8.9655	0.86075	1.3136	1.3322	
2011	-	4.4580	4.3233	-	-	8.9120	0.83530	1.2723	1.3215	
2012	-	4.0740	4.4445	-	-	8.5820	0.81610	1.2712	1.3137	
2013	-	4.1543	4.4710	-	-	8.8591	0.83370	1.5423	1.4671	
2014	-	4.2732	4.4828	-	-	9.3930	0.77890	1.4829	1.4063	
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	5 1.6821	
2001	0.4030	3.6721	26,004	43.300	217.9797	9.2551	0.62187	1.7319	1.3864	
2002	0.4089	3.8574	31,270	42.694	225.9772	9.1611	0.62883	1.7376	1.4838	
2003	0.4261	4.3996	37,551	41.489	233.8493	9.1242	0.69199	1.7379	1.5817	
2004	0.4280	4.5268	40,510	40.022	239.0874	9.1243	0.67866	1.6905	1.6167	
2005	0.4299	4.0230	6 3.6209	38.599	239.5681	9.2822	0.68380	1.6320	1.5087	
2006	0.4293	3.8959	3.5258	37.234	239.5961	9.2544	0.68173	1.6668	1.4237	
2007	0.4293	3.7837	3.3353	33.775	-	9.2501	0.68434	1.6348	1.4678	
2008	-	3.5121	3.6826	31.262	-	9.6152	0.79628	1.7416	1.6737	
2009	-	4.3276	4.2399	-	-	10.6191	0.89094	1.7727	1.5850	
2010	-	3.9947	4.2122	-	-	9.5373	0.85784	1.4423	1.3651	
2011	-	4.1206	4.2391	-	-	9.0298	0.86788	1.3484	1.3761	
2012	-	4.1847	4.4593	-	-	8.7041	0.81087	1.2407	1.2842	
2013	-	4.1975	4.4190	-	-	8.6515	0.84926	1.3777	1.3684	
2014	-	4.1843	4.4437	-	-	9.0985	0.80612	1.4719	1.4661	

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

5 Average from 13 January to 29 December 2000. 6 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. 7 Up to December 2007, ECB indicative rates.

II Euro foreign exchange reference 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	19.2333
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
2013	8.3491	10.6933	–	85.3660	16,764.78	4.7880	144.72	1,450.93	4.5221	18.0731
2014	7.5358	9.4170	–	76.7190	15,076.10	4.7200	145.23	1,324.80	4.2473	17.8679
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
2013	8.1646	10.3016	–	77.9300	13,875.50	4.7948	129.66	1,453.91	4.1855	16.9641
2014	8.1857	10.3025	–	81.0406	15,748.92	4.7449	140.31	1,398.14	4.3446	17.6550

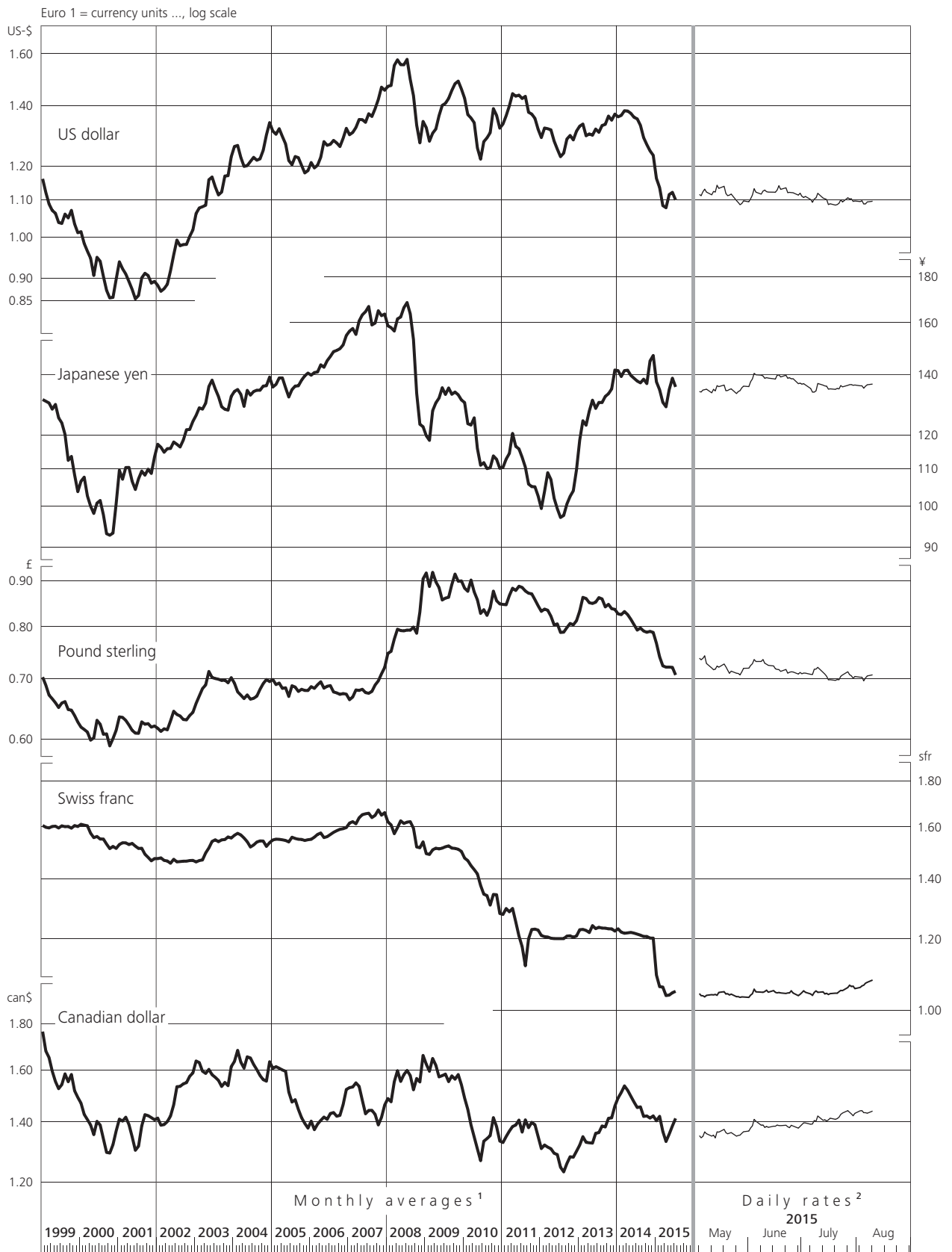
Other European and non-European countries (cont'd)										
	New Zealand	Norway	Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United States
	New Zealand dollar NZD	Norwegian krone NOK	Philippine peso PHP 1	Russian rouble RUB 1	Singapore dollar SGD 2	South African rand ZAR 2	Swiss franc CHF	Thai baht THB 1	Turkish lira / New Turkish lira TRY / 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	1,592,4	1.1797
2006	1.8725	8.2380	64.546	34.6800	2.0202	9.2124	1.6069	46.770	1,864,0	1.3170
2007	1.9024	7.9580	60.724	35.9860	2.1163	10.0298	1.6547	43.800	1,717,0	1.4721
2008	2.4191	9.7500	65.930	41.2830	2.0040	13.0667	1.4850	48.285	2,148,8	1.3917
2009	1.9803	8.3000	66.507	43.1540	2.0194	10.6660	1.4836	47.986	2,154,7	1.4406
2010	1.7200	7.8000	58.300	40.8200	1.7136	8.8625	1.2504	40.170	2,069,4	1.3362
2011	1.6737	7.7540	56.754	41.7650	1.6819	10.4830	1.2156	40.991	2,443,2	1.2939
2012	1.6045	7.3483	54.107	40.3295	1.6111	11.1727	1.2072	40.347	2,355,1	1.3194
2013	1.6762	8.3630	61.289	45.3246	1.7414	14.5660	1.2276	45.178	2,960,5	1.3791
2014	1.5525	9.0420	54.436	72.3370	1.6058	14.0353	1.2024	39.910	2,832,0	1.2141
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	1,677,1	1.2441
2006	1.9373	8.0472	64.379	34.1117	1.9941	8.5312	1.5729	47.594	1,809,0	1.2556
2007	1.8627	8.0165	63.026	35.0183	2.0636	9.6596	1.6427	44.214	1,786,5	1.3705
2008	2.0770	8.2237	65.172	36.4207	2.0762	12.0590	1.5874	48.475	1,906,4	1.4708
2009	2.2121	8.7278	66.338	44.1376	2.0241	11.6737	1.5100	47.804	2,163,1	1.3948
2010	1.8377	8.0043	59.739	40.2629	1.8055	9.6984	1.3803	42.014	1,996,5	1.3257
2011	1.7600	7.7934	60.260	40.8846	1.7489	10.0970	1.2326	42.429	2,337,8	1.3920
2012	1.5867	7.4751	54.246	39.9262	1.6055	10.5511	1.2053	39.928	2,313,5	1.2848
2013	1.6206	7.8067	56.428	42.3370	1.6619	12.8330	1.2311	40.830	2,533,5	1.3281
2014	1.5995	8.3544	58.979	50.9518	1.6823	14.4037	1.2146	43.147	2,906,5	1.3285

* See Explanatory notes, p 59. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference 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 foreign exchange reference rate for the Icelandic krona since 4 December 2008. 4 Up to December 2008, ECB indicative rates. 5 Up to December

2010, ECB indicative 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 foreign exchange reference rates of the European Central Bank

4 Exchange rates of major currencies



¹ Last monthly average: July 2015. ² Last updated: 10 August 2015.

III Effective exchange rates of the euro *

1 Annual and monthly averages

1999 Q1 = 100

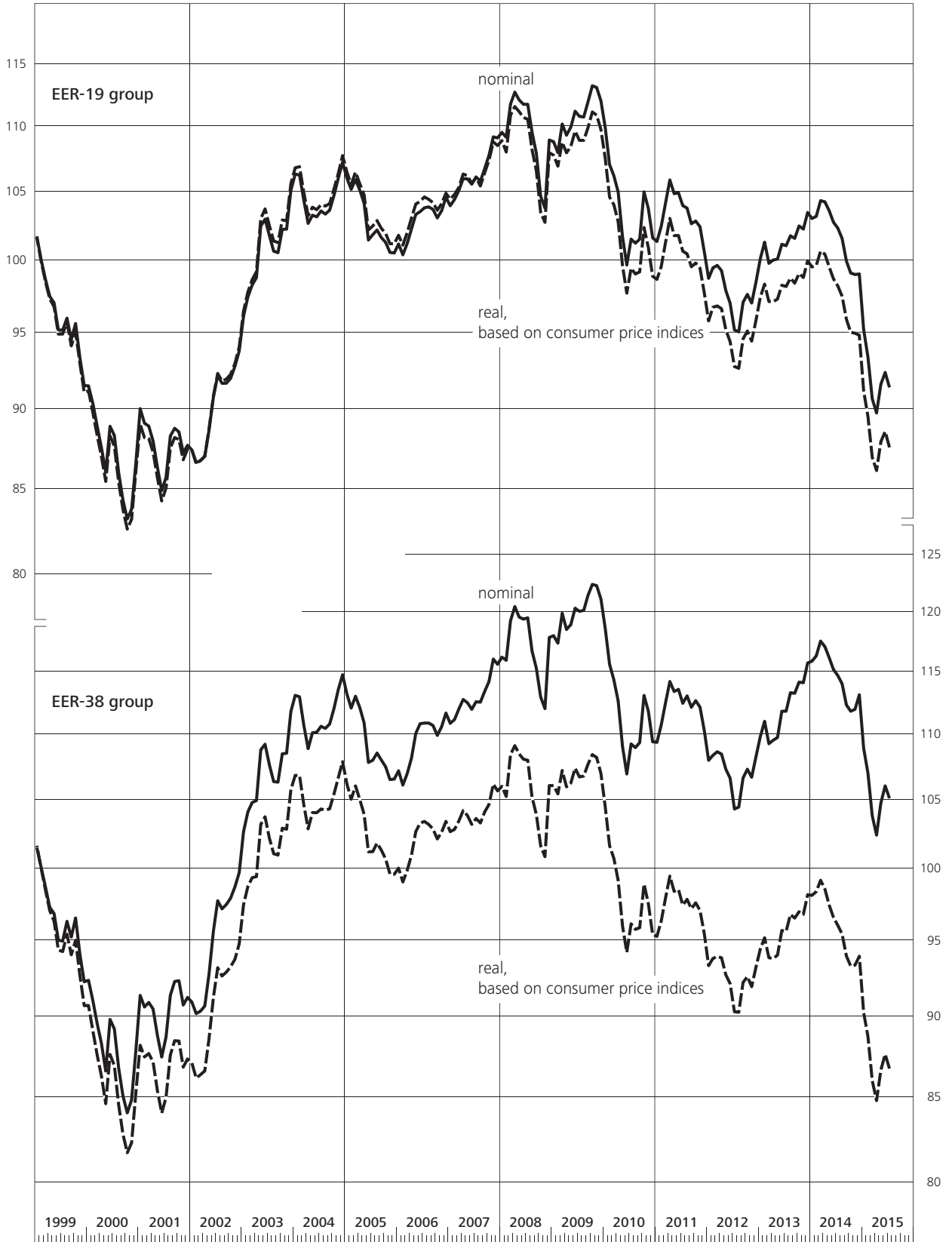
Period	Effective exchange rate of the euro ¹				<i>Memo item</i> Indicators of the German economy's price competitiveness based on consumer price indices					
	EER-19		EER-38		26 selected industrial countries			37 countries	56 countries	
	Nominal	Real, based on consumer price indices	Nominal	Real, based on consumer price indices	Total	Euro-area countries	Non-euro- area countries			
1999	96.3	96.0	96.5	95.8	98.2	100.1	95.9	98.0	97.7	
2000	87.1	86.5	87.9	85.7	92.9	99.0	85.8	92.0	90.9	
2001	87.8	87.1	90.5	86.9	93.0	98.1	86.9	91.4	90.8	
2002	90.1	90.2	95.0	90.5	93.6	96.9	89.6	92.0	91.8	
2003	100.7	101.3	106.9	101.4	97.1	95.8	99.3	96.6	96.8	
2004	104.5	105.0	111.5	105.1	98.5	95.5	103.0	98.0	98.4	
2005	102.9	103.6	109.5	102.6	98.5	95.3	103.4	97.0	96.7	
2006	102.8	103.5	109.4	101.9	98.7	95.0	104.4	96.5	96.0	
2007	106.3	106.3	112.9	103.9	100.9	95.2	110.0	97.9	97.2	
2008	109.4	108.4	117.1	105.9	102.3	94.7	115.1	97.9	97.3	
2009	110.8	109.1	120.0	106.9	101.9	94.6	114.0	98.1	97.6	
2010	103.6	101.3	111.5	97.9	98.8	94.1	106.1	93.7	92.1	
2011	103.3	100.3	112.2	97.3	98.2	93.8	105.1	92.8	91.4	
2012	97.6	95.0	107.0	92.5	96.0	93.3	99.8	89.8	88.4	
2013	101.2	98.2	111.9	95.6	98.4	93.4	106.3	91.7	90.4	
2014	101.8	97.9	114.7	96.1	98.6	93.6	106.3	91.9	91.1	
2011 July	103.9	100.6	112.4	97.4	98.6	93.8	106.1	93.0	91.5	
Aug	103.8	100.4	113.0	97.8	98.1	93.7	105.0	92.9	91.7	
Sep	102.6	99.5	112.1	97.1	97.8	93.8	103.9	92.5	91.4	
Oct	102.8	99.8	112.6	97.5	97.8	93.7	104.1	92.5	91.5	
Nov	102.4	99.4	112.1	97.0	97.6	93.6	103.6	92.3	91.2	
Dec	100.6	97.7	110.2	95.4	96.7	93.4	101.6	91.3	90.1	
2012 Jan	98.7	95.8	107.9	93.3	96.1	93.4	100.0	90.3	89.0	
Feb	99.4	96.7	108.3	93.8	96.7	93.5	101.5	90.8	89.3	
Mar	99.6	96.8	108.6	93.9	96.9	93.4	102.2	90.8	89.3	
Apr	99.3	96.6	108.4	93.8	96.7	93.4	101.5	90.7	89.2	
May	97.9	95.2	107.3	92.7	95.9	93.4	99.6	89.9	88.5	
June	97.0	94.4	106.6	92.1	95.6	93.4	98.7	89.5	88.2	
July	95.2	92.7	104.3	90.3	94.8	93.2	96.9	88.6	87.1	
Aug	95.0	92.6	104.4	90.2	94.9	93.2	97.1	88.5	87.0	
Sep	97.0	94.5	106.6	92.2	95.7	93.2	99.2	89.5	88.1	
Oct	97.6	95.1	107.3	92.6	95.8	93.0	99.9	89.6	88.2	
Nov	97.0	94.4	106.7	91.9	95.9	93.1	99.8	89.4	88.0	
Dec	98.4	95.8	108.2	93.2	96.5	93.0	101.6	90.0	88.6	
2013 Jan	100.1	97.4	109.8	94.4	97.5	93.2	104.2	91.1	89.6	
Feb	101.3	98.3	111.0	95.2	98.1	93.2	105.8	91.6	90.0	
Mar	99.8	97.1	109.2	93.8	97.5	93.1	104.4	90.8	89.1	
Apr	100.0	97.1	109.5	93.8	98.0	93.3	105.2	91.1	89.4	
May	100.1	97.3	109.7	94.0	98.2	93.4	105.8	91.2	89.5	
June	101.1	98.2	111.8	95.6	98.4	93.4	106.2	91.7	90.5	
July	101.0	98.1	111.8	95.6	98.6	93.5	106.6	91.7	90.5	
Aug	101.7	98.7	113.3	96.7	98.6	93.3	107.0	91.9	91.0	
Sep	101.6	98.4	113.2	96.5	98.6	93.4	106.8	91.8	91.0	
Oct	102.5	99.0	114.1	96.9	98.9	93.4	107.7	92.2	91.2	
Nov	102.2	98.8	114.1	96.8	98.9	93.5	107.4	92.1	91.2	
Dec	103.4	100.0	115.7	98.1	99.4	93.5	108.8	92.8	92.0	
2014 Jan	103.0	99.5	115.8	98.1	99.2	93.5	108.3	92.6	92.0	
Feb	103.2	99.6	116.3	98.3	99.1	93.5	108.0	92.6	92.1	
Mar	104.3	100.6	117.5	99.1	99.3	93.5	108.7	93.1	92.5	
Apr	104.2	100.4	117.0	98.5	99.2	93.5	108.4	93.1	92.3	
May	103.6	99.5	116.1	97.4	98.9	93.6	107.4	92.7	91.7	
June	102.7	98.7	115.1	96.5	98.7	93.7	106.6	92.3	91.3	
July	102.3	98.2	114.7	96.0	98.6	93.8	106.2	92.2	91.1	
Aug	101.5	97.5	114.0	95.4	98.4	93.8	105.6	91.8	90.7	
Sep	99.9	95.9	112.3	93.9	98.1	93.9	104.6	91.1	90.0	
Oct	99.1	95.0	111.8	93.3	97.7	93.7	103.6	90.5	89.6	
Nov	99.0	94.9	111.9	93.3	97.8	93.7	104.0	90.4	89.6	
Dec	99.0	94.8	113.1	93.9	97.7	93.6	103.9	90.3	89.9	
2015 Jan	95.2	91.1	108.9	p 90.2	95.7	93.5	98.6	88.2	p 87.6	
Feb	93.3	89.5	107.0	p 88.7	95.3	93.8	97.1	87.5	p 86.9	
Mar	90.6	86.9	103.8	p 86.0	94.3	93.7	94.6	86.1	p 85.3	
Apr	89.7	p 86.1	102.4	p 84.8	94.0	93.7	94.0	p 85.7	p 84.6	
May	91.6	p 87.9	104.7	p 86.6	94.6	93.7	95.6	p 86.7	p 85.7	
June	92.3	p 88.5	106.0	p 87.6	p 94.7	93.5	p 96.1	p 86.9	p 86.2	
July	91.3	p 87.5	105.1	p 86.7	p 94.3	p 93.5	p 95.0	p 86.4	p 85.7	

* 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 2014	Rate at end of month			
					May 2015	June 2015	July 2015	
Afghanistan								
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 57.3967	AFN 59.7500	AFN 60.6900	AFN 61.2300	
		S	USD 1 =	AFN 57.4967	AFN 59.8500	AFN 60.7900	AFN 61.3300	
	AFN	B	EUR 1 =	AFN 75.6192	AFN 65.3200	AFN 67.4100	AFN 66.8900	
		S	EUR 1 =	AFN 75.8792	AFN 65.5800	AFN 67.6700	AFN 67.1500	
	Albania							
	Tirana 070	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 105.73	ALL 128.48	ALL 125.57	ALL 127.49
M			EUR 1 =	ALL 139.97	ALL 140.98	ALL 140.29	ALL 139.59	
Algeria								
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 80.6903	DZD 99.4719	DZD 98.9177	DZD 99.4564	
		S	USD 1 =	DZD 80.7053	DZD 99.4869	DZD 98.9327	DZD 99.4714	
	DZD	B	EUR 1 =	DZD 106.9201	DZD 109.1605	DZD 110.6197	DZD 109.0440	
		S	EUR 1 =	DZD 106.9564	DZD 109.1968	DZD 110.6562	DZD 109.0803	
Angola								
Luanda 330	Kwanza = 100 cêntimos	B	USD 1 =	AOA 98.335	AOA 109.739	AOA 120.757	AOA 125.150	
		S	USD 1 =	AOA 98.685	AOA 110.836	AOA 121.965	AOA 126.402	
	AOA	B	EUR 1 =	AOA 129.875	AOA 119.736	AOA 134.680	AOA 137.227	
		S	EUR 1 =	AOA 130.324	AOA 120.922	AOA 135.979	AOA 138.562	
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 3.5713	XCD 2.9490	XCD 3.0078	XCD 2.9481	
		V, S	EUR 1 =	XCD 3.6094	XCD 2.9804	XCD 3.0399	XCD 2.9796	
Argentina								
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 8.0229	ARS 8.8920	ARS 8.9880	ARS 9.0900	
		S	USD 1 =	ARS 8.1211	ARS 8.9920	ARS 9.0880	ARS 9.1900	
	ARS	B	EUR 1 =	ARS 10.6374	ARS 9.7652	ARS 10.0054	ARS 9.9945	
		S	EUR 1 =	ARS 10.7880	ARS 9.8975	ARS 10.1395	ARS 10.1274	
Armenia								
Yerevan 077	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 417.13	AMD 478.54	AMD 472.53	AMD 478.29	
		M	EUR 1 =	AMD 552.37	AMD 525.82	AMD 528.48	AMD 524.92	
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 235.29	AWG 195.38	AWG 199.28	AWG 195.33	
		S	EUR 100 =	AWG 237.66	AWG 197.34	AWG 201.28	AWG 197.29	

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

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 2014	Rate at end of month		
					May 2015	June 2015	July 2015
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.9014	USD 0.7663	USD 0.7680	USD 0.7294
		M	AUD 1 =	EUR 0.6809	EUR 0.6998	EUR 0.6866	EUR 0.6670
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3285	USD 1.0970	USD 1.1189	USD 1.0967
Azerbaijan							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 0.7843	AZN 1.0494	AZN 1.0483	AZN 1.0495
		M	EUR 1 =	AZN 1.0401	AZN 1.1498	AZN 1.1733	AZN 1.1488
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 1.28773	BSD 1.06750 r	BSD 1.08970	BSD 1.06860
		S	EUR 1 =	BSD 1.35064	BSD 1.12630 r	BSD 1.14850	BSD 1.12740
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 0.4827464	BHD 0.4018613	BHD 0.4087289	BHD 0.4013472
		S	EUR 1 =	BHD 0.5126070	BHD 0.4267187	BHD 0.4340111	BHD 0.4261728
Bangladesh 1							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 77.2083	BDT 77.1500	BDT 77.2000	BDT 77.2000
		S	USD 1 =	BDT 78.2150	BDT 78.1400	BDT 78.1900	BDT 78.1900
		B	EUR 1 =	BDT 101.3683	BDT 83.1319	BDT 85.1502	BDT 83.4758
		S	EUR 1 =	BDT 104.3751	BDT 86.1119	BDT 88.7402	BDT 87.0658
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 2.63131	BBD 2.17852	BBD 2.24084	BBD 2.17314
		S	EUR 1 =	BBD 2.68064	BBD 2.21936	BBD 2.28285	BBD 2.21388
Belarus							
Minsk 073	Belarusian rouble BYR	M	USD 1 =	BYR 10,280.42	BYR 14,890.00	BYR 15,346.00	BYR 15,221.00
		M	EUR 1 =	BYR 13,617.92	BYR 16,300.00	BYR 16,974.00	BYR 16,698.00

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

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 2014	Rate at end of month		
					May 2015	June 2015	July 2015
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3285	USD 1.0970	USD 1.1189	USD 1.0967
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 2.6195	BZD 2.1798	BZD 2.2208	BZD 2.1978
			EUR 1 =	BZD 2.6657	BZD 2.2182	BZD 2.2600	BZD 2.2366
Benin ¹							
Porto-Novo Seat of Government: Cotonou 284	CFA franc XOF	V 2	USD 1 =	XOF 493.758	XOF 597.955	XOF 586.252	XOF 598.119
			EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Bermuda							
Hamilton 413	Bermudian dollar = 100 cents	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
	BMD	V, B V, S	EUR 1 =	BMD 1.3232	BMD 1.0926	BMD 1.1144	BMD 1.0923
			EUR 1 =	BMD 1.3342	BMD 1.1017	BMD 1.1237	BMD 1.1014
Bhutan ¹							
Thimphu 675	Ngultrum = 100 chhetrum	B S	USD 1 =	BTN 60.90	BTN 63.67	BTN 63.73	BTN 63.83
			USD 1 =	BTN 61.33	BTN 64.12	BTN 64.18	BTN 64.28
	BTN	B S	EUR 1 =	BTN 80.48	BTN 69.96	BTN 70.89	BTN 70.04
			EUR 1 =	BTN 81.03	BTN 70.44	BTN 71.38	BTN 70.53
Bolivia, Plurinational State of							
Sucre Seat of Government: La Paz 516	Boliviano = 100 centavos	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
	BOB	V, B V, S	EUR 1 =	BOB 9.1000	BOB 7.5254	BOB 7.6757	BOB 7.5234
			EUR 1 =	BOB 9.2326	BOB 7.6351	BOB 7.7875	BOB 7.6330
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga	B S	USD 1 =	BAM 1.478970	BAM 1.778433	BAM 1.752394	BAM 1.780868
			USD 1 =	BAM 1.486383	BAM 1.787347	BAM 1.761178	BAM 1.789794
	BAM	B / S	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583
Botswana							
Gaborone 391	Pula = 100 thebe	B S	BWP 1 =	USD 0.1114	USD 0.1010	USD 0.1014	USD 0.0992
			BWP 1 =	USD 0.1111	USD 0.1007	USD 0.1012	USD 0.0990
	BWP	B S	BWP 1 =	EUR 0.0843	EUR 0.0920	EUR 0.0905	EUR 0.0897
			BWP 1 =	EUR 0.0841	EUR 0.0918	EUR 0.0902	EUR 0.0895

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 63 ff. 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 2014	Rate at end of month		
					May 2015	June 2015	July 2015
Brazil							
Brasília 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 2.3541	BRL 3.1781	BRL 3.1019	BRL 3.3934
		S	USD 1 =	BRL 2.3547	BRL 3.1788	BRL 3.1026	BRL 3.3940
	BRL	B	EUR 1 =	BRL 3.1099	BRL 3.4930	BRL 3.4592	BRL 3.7419
		S	EUR 1 =	BRL 3.1113	BRL 3.4941	BRL 3.4603	BRL 3.7429
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.2587	BND 1.3373	BND 1.3421	BND 1.3629
		S	USD 1 =	BND 1.2797	BND 1.3584	BND 1.3631	BND 1.3838
	BND	B	EUR 1 =	BND 1.6509	BND 1.4518	BND 1.4647	BND 1.4774
		S	EUR 1 =	BND 1.7075	BND 1.5083	BND 1.5213	BND 1.5339
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.47435	BGN 1.78289	BGN 1.74799	BGN 1.78338
		M	EUR 1 =	BGN 1.95583	BGN 1.95583	BGN 1.95583	BGN 1.95583
Burkina Faso ¹							
Ouagadougou 236	CFA franc	V	USD 1 =	XOF 493.758	XOF 597.955	XOF 586.252	XOF 598.119
	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 1,531.6620	BIF 1,544.4000	BIF 1,551.2508	BIF 1,557.2502
		S	USD 1 =	BIF 1,562.6047	BIF 1,575.6000	BIF 1,582.5892	BIF 1,588.7098
	BIF	B	EUR 1 =	BIF 2,023.1542	BIF 1,690.5775	BIF 1,736.4701	BIF 1,704.5661
		S	EUR 1 =	BIF 2,064.0261	BIF 1,724.7305	BIF 1,771.5503	BIF 1,739.0017
Cabo Verde							
Praia 247	Cabo Verde escudo = 100 centavos	B	USD 1 =	CVE 83.496	CVE 101.097	CVE 98.942	CVE 100.552
		S	USD 1 =	CVE 83.698	CVE 101.299	CVE 99.144	CVE 100.754
	CVE	2 B/S	EUR 1 =	CVE 110.265	CVE 110.265	CVE 110.265	CVE 110.265
Cambodia							
Phnom Penh 696	Riel = 100 sen KHR	M	USD 1 =	KHR 4,041	KHR 4,068	KHR 4,098	KHR 4,113
		B	EUR 1 =	KHR 5,338	KHR 4,457	KHR 4,595	KHR 4,500
	S	EUR 1 =	KHR 5,391	KHR 4,502	KHR 4,641	KHR 4,545	
Cameroon ¹							
Yaoundé 302	CFA franc	V	USD 1 =	XAF 493.758	XAF 597.955	XAF 586.252	XAF 598.119
	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 1.1045	CAD 1.2465	CAD 1.2474	CAD 1.3047
		M	EUR 1 =	CAD 1.4629	CAD 1.3705	CAD 1.3911	CAD 1.4388

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

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2014	Rate at end of month		
					May 2015	June 2015	July 2015
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 1.1071	KYD 0.9142	KYD 0.9324	KYD 0.9139
Central African Republic ¹							
Bangui 306	CFA franc XAF	V 3	USD 1 =	XAF 493.758	XAF 597.955	XAF 586.252	XAF 598.119
			EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chad ¹							
N'Djaména 244	CFA franc XAF	V 3	USD 1 =	XAF 493.758	XAF 597.955	XAF 586.252	XAF 598.119
			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 570.60	CLP 617.45	CLP 634.58	CLP 672.19
			EUR 1 =	CLP 756.85	CLP 675.99	CLP 707.60	CLP 732.95
China							
Peking / Beijing 720	Chinese yuan renminbi = 10 jiao = 100 fen CNY	M M M	USD 1 =	CNY 6.1429	CNY 6.1196	CNY 6.1136	CNY 6.1172
			EUR 1 =	CNY 8.1255	CNY 6.7189	CNY 6.8699	CNY 6.7078
			HKD 1 =	CNY 0.79202	CNY 0.78927	CNY 0.78861	CNY 0.78908
China (Taiwan)							
Taipei 736	New Taiwan dollar = 100 cents TWD	B S	USD 1 =	TWD 30.27	TWD 30.61	TWD 30.85	TWD 31.49
			USD 1 =	TWD 30.37	TWD 30.71	TWD 30.95	TWD 31.59
		B S	EUR 1 =	TWD 40.03	TWD 33.40	TWD 34.41	TWD 34.32
			EUR 1 =	TWD 40.43	TWD 33.80	TWD 34.81	TWD 34.72
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	B S	USD 1 =	COP 2,000.20	COP 2,549.21	COP 2,584.20	COP 2,865.32
			USD 1 =	COP 2,001.44	COP 2,550.73	COP 2,586.02	COP 2,866.76
		V, B V, S	EUR 1 =	COP 2,647.93	COP 2,796.48	COP 2,891.46	COP 3,142.40
			EUR 1 =	COP 2,649.55	COP 2,798.15	COP 2,893.50	COP 3,143.98
Comoros							
Moroni 375	Comorian franc = 100 centimes KMF	V 3	USD 1 =	KMF 370.31822	KMF 448.46650	KMF 439.68876	KMF 448.58918
			EUR 1 =	KMF 491.96775	KMF 491.96775	KMF 491.96775	KMF 491.96775
Congo ¹							
Brazzaville 318	CFA franc XAF	V 3	USD 1 =	XAF 493.758	XAF 597.955	XAF 586.252	XAF 598.119
			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 61. ¹ Explanatory notes on individual countries, see p 63 ff. ² Value against the US dollar. ³ Value against the euro.

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2014	Rate at end of month		
					May 2015	June 2015	July 2015
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 907.1006	CDF 907.9858	CDF 906.7005	CDF 907.3621
		S	USD 1 =	CDF 944.1251	CDF 945.0464	CDF 943.7087	CDF 944.3972
	CDF	B	EUR 1 =	CDF 1,199.3524	CDF 990.3517	CDF 1,014.5937	CDF 990.6769
		S	EUR 1 =	CDF 1,247.9323	CDF 1,030.7742	CDF 1,056.0057	CDF 1,031.1127
Cook Islands ¹							
Avarua 837	Cook Islands dollar = 100 cents NZD	² B	NZD 1 =	EUR 0.6386	EUR 0.6685	EUR 0.6240	EUR 0.6167
		S	NZD 1 =	EUR 0.6147	EUR 0.6397	EUR 0.5969	EUR 0.5897
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 533.69	CRC 530.25	CRC 528.71	CRC 528.43
		S	USD 1 =	CRC 546.48	CRC 542.46	CRC 540.97	CRC 540.80
	CRC	V, B	EUR 1 =	CRC 705.1416	CRC 581.6843	CRC 591.5736	CRC 579.5292
		V, S	EUR 1 =	CRC 722.0979	CRC 595.0786	CRC 605.2913	CRC 593.0954
Côte d'Ivoire ¹							
Yamoussoukro Seat of Government: Abidjan 272	CFA franc XOF	V	USD 1 =	XOF 493.758	XOF 597.955	XOF 586.252	XOF 598.119
		³	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Croatia							
Zagreb 092	Kuna = 100 lipa	B	USD 1 =	HRK 5.746403	HRK 6.880133	HRK 6.808935	HRK 6.896546
		S	USD 1 =	HRK 5.780986	HRK 6.921539	HRK 6.849911	HRK 6.938050
	HRK	B	EUR 1 =	HRK 7.611530	HRK 7.558514	HRK 7.557918	HRK 7.568270
		S	EUR 1 =	HRK 7.657337	HRK 7.604002	HRK 7.603402	HRK 7.613816
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 1.27868	CUC 1.05337	CUC 1.08272	CUC 1.05796
		S	EUR 1 =	CUC 1.36464	CUC 1.12418	CUC 1.15568	CUC 1.12915
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 235.26	ANG 195.38	ANG 199.28	ANG 195.33
		S	EUR 100 =	ANG 240.00	ANG 199.32	ANG 203.30	ANG 199.26
Cyprus							
Nicosia 600	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3285	USD 1.0970	USD 1.1189	USD 1.0967
Czech Republic							
Prague 061	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 20.752	CZK 24.978	CZK 24.347	CZK 24.648
		M	EUR 1 =	CZK 27.550	CZK 27.410	CZK 27.245	CZK 27.030

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 63 ff. ² Parity in relation to New Zealand dollar. ³ Value against the euro.

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2014	Rate at end of month		
					May 2015	June 2015	July 2015
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 561.90	DKK 680.01	DKK 666.76	DKK 680.36
			EUR 100 =	DKK 745.45	DKK 745.97	DKK 746.04	DKK 746.15
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 231.88	DJF 191.86	DJF 196.39	DJF 192.54
			S	EUR 1 =	DJF 240.87	DJF 201.27	DJF 203.95	DJF 199.98
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 3.5713	XCD 2.9490	XCD 3.0078	XCD 2.9481
			V, S	EUR 1 =	XCD 3.6094	XCD 2.9804	XCD 3.0399	XCD 2.9796
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 43.2866	DOP 44.5561	DOP 44.6337	DOP 44.7713
			S	USD 1 =	DOP 43.6412	DOP 44.8865	DOP 44.9480	DOP 45.1250
		B	EUR 1 =	DOP 56.8026	DOP 47.8400	DOP 49.1311	DOP 48.2843
			S	EUR 1 =	DOP 58.7314	DOP 50.9194	DOP 51.9719	DOP 51.4369
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 7.0885	EGP 7.6300	EGP 7.6300	EGP 7.8300
			S	USD 1 =	EGP 7.1186	EGP 7.6301	EGP 7.6301	EGP 7.8301
		B	EUR 1 =	EGP 9.3801	EGP 8.3045	EGP 8.4656	EGP 8.5114
			S	EUR 1 =	EGP 9.4645	EGP 8.3969	EGP 8.5785	EGP 8.6053
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 11.6244	SVC 9.5988	SVC 9.7904	SVC 9.5961
Equatorial Guinea ¹							
Malabo 310	CFA franc XAF	V	USD 1 =	XAF 493.758	XAF 597.955	XAF 586.252	XAF 598.119
		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 19.8556	ERN 16.3935	ERN 16.6875	ERN 16.4415
			S	EUR 1 =	ERN 20.6151	ERN 17.1530	ERN 17.4470	ERN 17.2010
Estonia							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3285	USD 1.0970	USD 1.1189	USD 1.0967

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

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2014	Rate at end of month		
					May 2015	June 2015	July 2015
Ethiopia							
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 19.6266	ETB 20.4783	ETB 20.5659	ETB 20.6537
		S	USD 1 =	ETB 20.0192	ETB 20.8879	ETB 20.9772	ETB 21.0668
	ETB	B	EUR 1 =	ETB 25.9356	ETB 22.4565	ETB 22.8919	ETB 22.6199
S		EUR 1 =	ETB 26.4544	ETB 22.9056	ETB 23.3560	ETB 23.0744	
Falkland Islands (Islas Malvinas)							
Stanley 529	Falkland Islands pound = 100 pence FKP	² V	USD 1 =	FKP 0.60679	FKP 0.65542	FKP 0.63580	FKP 0.64202
		² V	EUR 1 =	FKP 0.80612	FKP 0.71900	FKP 0.71140	FKP 0.70410
Fiji							
Suva 815	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.5372	USD 0.4915	USD 0.4869	USD 0.4752
		S	FJD 1 =	USD 0.5202	USD 0.4745	USD 0.4699	USD 0.4582
	FJD	B	FJD 1 =	EUR 0.4060	EUR 0.4483	EUR 0.4309	EUR 0.4324
		S	FJD 1 =	EUR 0.3940	EUR 0.4363	EUR 0.4189	EUR 0.4204
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3285	USD 1.0970	USD 1.1189	USD 1.0967
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3285	USD 1.0970	USD 1.1189	USD 1.0967
Gabon ¹							
Libreville 314	CFA franc	V	USD 1 =	XAF 493.758	XAF 597.955	XAF 586.252	XAF 598.119
	XAF	³	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Gambia							
Banjul 252	Dalasi = 100 bututs GMD	M	USD 1 =	GMD 41.54	GMD 39.60	GMD 39.66	GMD 39.48
		M	EUR 1 =	GMD 55.85	GMD 42.28	GMD 43.70	GMD 43.48
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 =	GEL 1.7645	GEL 2.3112	GEL 2.2483	GEL 2.2792
		M	EUR 1 =	GEL 2.3399	GEL 2.5349	GEL 2.4992	GEL 2.4987
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3285	USD 1.0970	USD 1.1189	USD 1.0967

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 63 ff. ² Value (1:1) against the pound sterling. ³ Value against the euro.

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2014	Rate at end of month		
					May 2015	June 2015	July 2015
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas	B	USD 1 =	GHS 2.9356	GHS 3.9956	GHS 4.3343	GHS 3.4630
		S	USD 1 =	GHS 2.9383	GHS 3.9996	GHS 4.3385	GHS 3.4666
	GHS	B	EUR 1 =	GHS 3.8691	GHS 4.3587	GHS 4.8471	GHS 3.8238
S		EUR 1 =	GHS 3.8724	GHS 4.3630	GHS 4.8507	GHS 3.8273	
Gibraltar							
Gibraltar 044	Gibraltar pound = 100 pence GIP	2 V	USD 1 =	GIP 0.60679	GIP 0.65542	GIP 0.63580	GIP 0.64202
		2 V	EUR 1 =	GIP 0.80612	GIP 0.71900	GIP 0.71140	GIP 0.70410
Greece ¹							
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3285	USD 1.0970	USD 1.1189	USD 1.0967
Grenada							
St George's 473	East Caribbean dollar = 100 cents	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.5713	XCD 2.9490	XCD 3.0078	XCD 2.9481
V, S		EUR 1 =	XCD 3.6094	XCD 2.9804	XCD 3.0399	XCD 2.9796	
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ	M	USD 1 =	GTQ 7.72325	GTQ 7.66732	GTQ 7.62452	GTQ 7.64871
		V, M	EUR 1 =	GTQ 10.20646	GTQ 8.41105	GTQ 8.53108	GTQ 8.38834
Guinea							
Conakry 260	Guinean franc	B	USD 1 =	GNF 6,712.6339	GNF 7,016.1685	GNF 7,026.1305	GNF 7,077.3609
		S	USD 1 =	GNF 7,127.8484	GNF 7,600.8492	GNF 7,611.6414	GNF 7,667.1410
	GNF	B	EUR 1 =	GNF 8,856.9146	GNF 7,678.2842	GNF 7,846.5015	GNF 7,838.1771
S		EUR 1 =	GNF 9,406.6233	GNF 8,318.1413	GNF 8,500.3766	GNF 8,491.3586	
Guinea-Bissau ¹							
Bissau 257	CFA franc XOF	V	USD 1 =	XOF 493.758	XOF 597.955	XOF 586.252	XOF 598.119
		3	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Guyana							
Georgetown 488	Guyana dollar = 100 cents	B	USD 1 =	GYD 205.94	GYD 205.98	GYD 205.98	GYD 205.98
		S	USD 1 =	GYD 208.40	GYD 208.44	GYD 208.44	GYD 208.44
	GYD	B	EUR 1 =	GYD 271.97	GYD 225.90	GYD 230.10	GYD 225.90
S		EUR 1 =	GYD 275.41	GYD 228.80	GYD 233.05	GYD 228.80	

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. **1** Explanatory notes on individual countries, see p 63 ff. **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 2014	Rate at end of month		
					May 2015	June 2015	July 2015
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 45.3465	HTG 48.1113	HTG 51.5866	HTG 55.2174
		V, M	EUR 1 =	HTG 59.8696	HTG 52.7781	HTG 57.7202	HTG 60.5569
Honduras							
Tegucigalpa 424	Lempira = 100 centavos HNL	B	USD 1 =	HNL 21.0235	HNL 21.8764	HNL 21.9052	HNL 21.9707
		S	USD 1 =	HNL 21.1713	HNL 22.0295	HNL 22.0585	HNL 22.1245
		V, B	EUR 1 =	HNL 27.7584	HNL 23.9984	HNL 24.5097	HNL 24.0953
		V, S	EUR 1 =	HNL 27.9534	HNL 24.1664	HNL 24.6813	HNL 24.2639
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.74116	HKD 7.73840	HKD 7.73850	HKD 7.73820
		S	USD 1 =	HKD 7.76698	HKD 7.76440	HKD 7.76450	HKD 7.76420
		B	EUR 1 =	HKD 10.20097	HKD 8.47768	HKD 8.64368	HKD 8.45038
		S	EUR 1 =	HKD 10.27904	HKD 8.53752	HKD 8.70352	HKD 8.51012
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 232.52	HUF 282.35	HUF 282.75	HUF 282.63
		M	EUR 1 =	HUF 309.70	HUF 309.40	HUF 315.04	HUF 309.11
Iceland							
Reykjavik 024	Icelandic krona ISK	B	USD 1 =	ISK 116.55	ISK 134.16	ISK 131.29	ISK 134.02
		S	USD 1 =	ISK 117.11	ISK 134.80	ISK 131.91	ISK 134.66
		B	EUR 1 =	ISK 154.43	ISK 147.09	ISK 146.84	ISK 147.09
		S	EUR 1 =	ISK 155.29	ISK 147.91	ISK 147.66	ISK 147.91
India 1							
New Delhi 664	Indian rupee = 100 paise INR	B	USD 1 =	INR 60.68	INR 63.40	INR 63.35	INR 63.65
		S	USD 1 =	INR 61.56	INR 64.25	INR 64.20	INR 64.50
		B	EUR 1 =	INR 79.81	INR 69.11	INR 70.64	INR 69.65
		S	EUR 1 =	INR 81.53	INR 70.68	INR 72.23	INR 70.95
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 11,817.54	IDR 13,145.00	IDR 13,265.00	IDR 13,414.00
		S	USD 1 =	IDR 11,936.13	IDR 13,277.00	IDR 13,399.00	IDR 13,548.00
		B	EUR 1 =	IDR 15,625.17	IDR 14,402.98	IDR 14,842.21	IDR 14,676.26
		S	EUR 1 =	IDR 15,784.49	IDR 14,548.94	IDR 14,997.50	IDR 14,824.22
Iran, Islamic Republic of 1							
Tehran 616	Iranian rial = 100 dinars IRR	M	USD 1 =	IRR 26,019	IRR 28,828	IRR 29,319	IRR 29,600
		M	EUR 1 =	IRR 34,352	IRR 31,688	IRR 32,811	IRR 32,484

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

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

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2014	Rate at end of month			
					May 2015	June 2015	July 2015	
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 1,543.284	IQD 1,269.838	IQD 1,297.459	IQD 1,284.872	
		S	EUR 1 =	IQD 1,544.056	IQD 1,270.474	IQD 1,298.108	IQD 1,285.515	
	Ireland							
	Dublin 007	Euro = 100 cent	M	EUR 1 =	USD 1.3285	USD 1.0970	USD 1.1189	USD 1.0967
EUR								
Israel								
Jerusalem 624	New Israeli sheqel = 100 agorot	M	USD 1 =	ILS 3.5774	ILS 3.8760	ILS 3.7690	ILS 3.7830	
		M	EUR 1 =	ILS 4.7362	ILS 4.2502	ILS 4.2194	ILS 4.1368	
	ILS							
Italy								
Rome 005	Euro = 100 cent	M	EUR 1 =	USD 1.3285	USD 1.0970	USD 1.1189	USD 1.0967	
	EUR							
Jamaica								
Kingston 464	Jamaican dollar = 100 cents	B	USD 1 =	JMD 111.0355	JMD 115.6405	JMD 116.3476	JMD 116.7525	
		S	USD 1 =	JMD 111.5450	JMD 116.1223	JMD 116.9832	JMD 117.4218	
	JMD	B	EUR 1 =	JMD 146.5545	JMD 126.21841	JMD 129.66783	JMD 127.63749	
		S	EUR 1 =	JMD 147.2540	JMD 126.78333	JMD 130.45383	JMD 128.23036	
	Japan							
	Tokyo 732	Japanese yen = 100 sen	B	USD 1 =	JPY 104.74	JPY 122.73	JPY 121.45	JPY 123.04
S			USD 1 =	JPY 106.74	JPY 124.73	JPY 123.45	JPY 125.04	
JPY		B	EUR 1 =	JPY 138.85	JPY 134.11	JPY 135.73	JPY 134.25	
		S	EUR 1 =	JPY 141.85	JPY 137.11	JPY 138.73	JPY 137.25	
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 0.93352	JOD 0.77037	JOD 0.77568	JOD 0.77476	
		S	EUR 1 =	JOD 0.94063	JOD 0.77738	JOD 0.79101	JOD 0.78029	
	Kazakhstan							
	Astana 079	Tenge = 100 tiyn	M	USD 1 =	KZT 180.13	KZT 185.80	KZT 186.20	KZT 187.45
KZT		M	EUR 1 =	KZT 238.91	KZT 203.17	KZT 206.98	KZT 205.82	
Kenya 1								
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 87.9884	KES 97.6944	KES 98.5511	KES 102.4278	
		S	USD 1 =	KES 88.1627	KES 97.8676	KES 98.7276	KES 102.6147	
	KES	B	EUR 1 =	KES 116.1432	KES 106.9178	KES 110.2817	KES 111.9628	
		S	EUR 1 =	KES 116.4065	KES 107.1222	KES 110.5089	KES 112.1778	

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

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 2014	Rate at end of month		
					May 2015	June 2015	July 2015
Korea, Democratic People's Republic of							
Pyongyang 724	North Korean won = 100 chon	B	USD 1 =	KPW 99.46	KPW 108.67 ²	KPW 107.83 ³	KPW 108.15 ⁴
		S	USD 1 =	KPW 100.21	KPW 109.49 ²	KPW 108.64 ³	KPW 108.97 ⁴
	KPW	B	EUR 1 =	KPW 131.28	KPW 119.20 ²	KPW 120.05 ³	KPW 119.64 ⁴
		S	EUR 1 =	KPW 132.27	KPW 120.10 ²	KPW 120.96 ³	KPW 120.54 ⁴
Korea, Republic of							
Seoul 728	South Korean won = 100 chon	B	USD 1 =	KRW 1,043.52	KRW 1,097.40	KRW 1,104.30	KRW 1,158.60
		S	USD 1 =	KRW 1,064.09	KRW 1,119.00	KRW 1,126.10	KRW 1,181.40
	KRW	B	EUR 1 =	KRW 1,376.12	KRW 1,201.46	KRW 1,235.44	KRW 1,266.37
		S	EUR 1 =	KRW 1,403.91	KRW 1,225.72	KRW 1,260.38	KRW 1,291.95
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.28348	KWD 0.30145	KWD 0.30090 ³	KWD 0.30160
		S	USD 1 =	KWD 0.28737	KWD 0.30555	KWD 0.30450 ³	KWD 0.30520
	KWD	B	EUR 1 =	KWD 0.374535	KWD 0.328354	KWD 0.334119 ³	KWD 0.332801
		S	EUR 1 =	KWD 0.379672	KWD 0.332820	KWD 0.338117 ³	KWD 0.336773
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tyiyn KGS	M	USD 1 =	KGS 53.7662	KGS 58.1472	KGS 62.0788	KGS 61.0213
		M	EUR 1 =	KGS 71.2246	KGS 63.7119	KGS 69.0223	KGS 66.9343
Lao People's Democratic Republic							
Vientiane 684	Kip	B	USD 1 =	LAK 8,035	LAK 8,104	LAK 8,099	LAK 8,191
		S	USD 1 =	LAK 8,065	LAK 8,133	LAK 8,128	LAK 8,221
	LAK	B	EUR 1 =	LAK 10,596	LAK 8,862	LAK 9,047	LAK 8,938
		S	EUR 1 =	LAK 10,647	LAK 8,904	LAK 9,089	LAK 8,980
Latvia							
Riga 054	Euro = 100 cents EUR	M	EUR 1 =	USD 1.3285	USD 1.0970	USD 1.1189	USD 1.0967
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 1,998.49	LBP 1,652.22	LBP 1,685.99	LBP 1,650.86
Lesotho ¹							
Maseru 395	Loti = 100 lisente LSL	M	USD 1 =	LSL 10.8527	LSL 12.1393	LSL 12.2571	LSL 12.6406
		M	EUR 1 =	LSL 14.3720	LSL 13.3225	LSL 13.6443	LSL 13.9840

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 63 ff. ² Exchange rate as of 1 June 2015. ³ Exchange rate as of 1 July 2015. ⁴ Exchange rate as of 1 August 2015.

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 2014	Rate at end of month		
					May 2015	June 2015	July 2015
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents	B	USD 1 =	LRD 84.17	LRD 84.00	LRD 85.00	LRD 87.00
		S	USD 1 =	LRD 85.17	LRD 85.00	LRD 86.00	LRD 88.00
	LRD	V, B V, S	EUR 1 = EUR 1 =	LRD 111.2468 LRD 112.5679	LRD 92.1480 LRD 93.2450	LRD 95.1065 LRD 96.2254	LRD 95.4129 LRD 96.5096
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham	B	USD 1 =	LYD 1.2700	LYD 1.3847	LYD 1.3708	LYD 1.3827
		S	USD 1 =	LYD 1.2764	LYD 1.3917	LYD 1.3777	LYD 1.3896
	LYD	B	EUR 1 =	LYD 1.6819	LYD 1.5215	LYD 1.5310	LYD 1.5150
		S	EUR 1 =	LYD 1.6903	LYD 1.5292	LYD 1.5387	LYD 1.5226
Lithuania							
Vilnius 055	Euro = 100 cent EUR	M	EUR 1 =	–	USD 1.0970	USD 1.1189	USD 1.0967
Luxembourg							
Luxembourg 018	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3285	USD 1.0970	USD 1.1189	USD 1.0967
Macao ¹							
Macao 743	Pataca = 100 avos	B	USD 1 =	MOP 7.9386	MOP 7.9746	MOP 7.9749	MOP 7.9745
		S	USD 1 =	MOP 8.0384	MOP 8.0061	MOP 8.0064	MOP 8.0060
	MOP	B	EUR 1 =	MOP 10.4961	MOP 8.7498	MOP 8.8987	MOP 8.7262
		S	EUR 1 =	MOP 10.6281	MOP 8.8058	MOP 8.9547	MOP 8.7822
Macedonia, former Yugoslav Republic of							
Skopje 096	Macedonian denar = 100 deni	B	USD 1 =	MKD 46.3064	MKD 56.3358	MKD 55.1400	MKD 55.9513
		S	USD 1 =	MKD 46.7718	MKD 56.9020	MKD 55.6941	MKD 56.5137
	MKD	B S	EUR 1 = EUR 1 =	MKD 61.3201 MKD 61.9363	MKD 61.3835 MKD 62.0005	MKD 61.3873 MKD 62.0043	MKD 61.2947 MKD 61.9107
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M M	USD 1 = EUR 1 =	MGA 2,420.91 MGA 3,203.66	MGA 2,875.65 MGA 3,190.82	MGA 2,880.05 MGA 3,198.50	MGA 2,881.17 MGA 3,196.43
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala	B	USD 1 =	MWK 412.0642	MWK 429.3344	MWK 431.0403	MWK 509.6273
		S	USD 1 =	MWK 440.0889	MWK 447.5740	MWK 451.0641	MWK 514.6463
	MWK	B	EUR 1 =	MWK 543.1653	MWK 470.0782	MWK 484.3169	MWK 556.1563
		S	EUR 1 =	MWK 580.0817	MWK 490.0488	MWK 506.8156	MWK 561.6335

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

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 2014	Rate at end of month		
					May 2015	June 2015	July 2015
Malaysia							
Kuala Lumpur Seat of Government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 3.2379	MYR 3.5998	MYR 3.7238	MYR 3.7714
		S	USD 1 =	MYR 3.3099	MYR 3.6872	MYR 3.8142	MYR 3.8606
	MYR	B	EUR 1 =	MYR 4.2742	MYR 3.9363	MYR 4.1649	MYR 4.1155
		S	EUR 1 =	MYR 4.3868	MYR 4.0521	MYR 4.2875	MYR 4.2366
Maldives							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.39	MVR 15.36	MVR 15.41	MVR 15.38
		V, M	EUR 1 =	MVR 20.33277	MVR 16.84992	MVR 17.24225	MVR 16.86725
Mali 1							
Bamako 232	CFA franc XOF	V	USD 1 =	XOF 493.758	XOF 597.955	XOF 586.252	XOF 598.119
		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 1.3285	USD 1.0970	USD 1.1189	USD 1.0967
Mauritania							
Nouakchott 228	Ouguiya = 5 khoums MRO	B	USD 1 =	MRO 301.42	MRO 319.83	MRO 324.31	MRO 325.78
		S	USD 1 =	MRO 304.45	MRO 323.03	MRO 327.56	MRO 329.05
	MRO	B	EUR 1 =	MRO 398.37	MRO 349.57	MRO 362.51	MRO 357.15
		S	EUR 1 =	MRO 402.37	MRO 353.08	MRO 366.15	MRO 360.74
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 30.2380	MUR 34.8649	MUR 34.7247	MUR 34.9970
		S	USD 1 =	MUR 31.1224	MUR 35.8774	MUR 35.7448	MUR 36.0229
	MUR	B	EUR 1 =	MUR 39.9070	MUR 38.1707	MUR 38.8420	MUR 38.2954
		S	EUR 1 =	MUR 41.0552	MUR 39.2959	MUR 39.9862	MUR 39.4307
Mexico							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 13.3191	MXN 15.3850	MXN 15.6900	MXN 16.1230
		S	USD 1 =	MXN 13.3219	MXN 15.3890	MXN 15.6950	MXN 16.1260
	MXN	V, B	EUR 1 =	MXN 17.6293	MXN 16.8773	MXN 17.5555	MXN 17.6821
		V, S	EUR 1 =	MXN 17.6327	MXN 16.8817	MXN 17.5611	MXN 17.6854
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 14.0758	MDL 18.0624	MDL 18.6999	MDL 18.7586
		M	EUR 1 =	MDL 18.6445	MDL 19.7403	MDL 20.8008	MDL 20.5623
Mongolia							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 1,822.25	MNT 1,907.32	MNT 1,963.56	MNT 1,985.06
		M	EUR 1 =	MNT 2,406.24	MNT 2,084.61	MNT 2,191.92	MNT 2,174.24

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. 1 Explanatory notes on individual countries, see p 63 ff. 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 2014	Rate at end of month			
					May 2015	June 2015	July 2015	
Morocco								
Rabat 204	Moroccan dirham = 100 centimes	B	USD 1 =	MAD 8.3931	MAD 9.8235	MAD 9.7228	MAD 9.7753	
		S	USD 1 =	MAD 8.4436	MAD 9.8825	MAD 9.7812	MAD 9.8341	
	MAD	B	EUR 1 =	MAD 11.119	MAD 10.784	MAD 10.856	MAD 10.818	
		S	EUR 1 =	MAD 11.186	MAD 10.849	MAD 10.921	MAD 10.883	
	Mozambique							
	Maputo 366	Metical = 100 centavos	B	USD 1 =	MZN 30.65	MZN 34.43	MZN 38.93	MZN 38.59
S			USD 1 =	MZN 30.85	MZN 34.63	MZN 39.13	MZN 38.79	
MZN		B	EUR 1 =	MZN 40.49	MZN 37.81	MZN 43.64	MZN 42.68	
		S	EUR 1 =	MZN 40.76	MZN 38.03	MZN 43.87	MZN 42.90	
Myanmar								
Nay Pyi Taw 676		Kyat = 100 pyas MMK	M	USD 1 =	MMK 985.83	MMK 1,090.00	MMK 1,110.00	MMK 1,236.00
	M		EUR 1 =	MMK 1,301.45	MMK 1,194.70	MMK 1,243.70	MMK 1,355.70	
Namibia ¹								
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 10.8427	NAD 12.1611	NAD 12.2446	NAD 12.7416	
		M	EUR 1 =	NAD 14.3183	NAD 13.2990	NAD 13.6838	NAD 13.9538	
Nepal								
Kathmandu 672	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 97.41	NPR 101.76	NPR 101.86	NPR 102.02	
		S	USD 1 =	NPR 98.01	NPR 102.36	NPR 102.46	NPR 102.62	
	NPR	B	EUR 1 =	NPR 128.72	NPR 111.65	NPR 112.92	NPR 111.95	
		S	EUR 1 =	NPR 129.52	NPR 112.31	NPR 113.59	NPR 112.60	
	Netherlands							
	Amsterdam Seat of Government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3285	USD 1.0970	USD 1.1189	USD 1.0967
New Caledonia ¹								
Nouméa 809	CFP franc XPF	V	XPF 1,000 =	USD 11.13	USD 9.19	USD 9.38	USD 9.19	
		2	XPF 1,000 =	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 0.8445	USD 0.7301	USD 0.6955	USD 0.6726	
		S	NZD 1 =	USD 0.8191	USD 0.7042	USD 0.6705	USD 0.6483	
	NZD	B	NZD 1 =	EUR 0.6386	EUR 0.6685	EUR 0.6240	EUR 0.6167	
		S	NZD 1 =	EUR 0.6147	EUR 0.6397	EUR 0.5969	EUR 0.5897	

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 63 ff. 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 2014	Rate at end of month		
					May 2015	June 2015	July 2015
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 26.0100	NIO 27.1407	NIO 27.2497	NIO 27.3629
		V, M	EUR 1 =	NIO 34.34194	NIO 29.77335	NIO 30.48969	NIO 30.00889
Niger 1							
Niamey 240	CFA franc XOF	V	USD 1 =	XOF 493.758	XOF 597.955	XOF 586.252	XOF 598.119
		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 156.17	NGN 196.00	NGN 195.95	NGN 196.00
		S	USD 1 =	NGN 157.17	NGN 197.00	NGN 196.95	NGN 197.00
		B	EUR 1 =	NGN 207.0464	NGN 214.2868	NGN 218.9349	NGN 214.9728
		S	EUR 1 =	NGN 208.3730	NGN 215.3801	NGN 220.0522	NGN 216.0696
Norway							
Oslo 028	Norwegian krone = 100 øre NOK	B	USD 1 =	NOK 6.2830	NOK 7.7964	NOK 7.8713	NOK 8.1482
		S	USD 1 =	NOK 6.3181	NOK 7.8494	NOK 7.9243	NOK 8.2012
		B	EUR 1 =	NOK 8.3609	NOK 8.5199	NOK 8.7882	NOK 8.9265
		S	EUR 1 =	NOK 8.4059	NOK 8.5769	NOK 8.8452	NOK 8.9835
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 0.5079328	OMR 0.4220544	OMR 0.4295424	OMR 0.4213632
		S	EUR 1 =	OMR 0.5093743	OMR 0.4232690	OMR 0.4307380	OMR 0.4225760
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa PKR	B	USD 1 =	PKR 100.54	PKR 101.85	PKR 101.50	PKR 101.60
		S	USD 1 =	PKR 100.74	PKR 102.05	PKR 101.70	PKR 101.80
		B	EUR 1 =	PKR 133.31	PKR 111.66	PKR 113.57	PKR 111.22
		S	EUR 1 =	PKR 133.58	PKR 111.88	PKR 113.79	PKR 111.44
Panama 1							
Panama City 442	Balboa = 100 centésimos PAB	3	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
		V	EUR 1 =	PAB 1.3285	PAB 1.0970	PAB 1.1189	PAB 1.0967
Papua New Guinea							
Port Moresby 801	Kina = 100 toea PGK	B	PGK 1 =	USD 0.4016	USD 0.3750	USD 0.3720	USD 0.3680
		S	PGK 1 =	USD 0.3701	USD 0.3600	USD 0.3570	USD 0.3530
		B	PGK 1 =	EUR 0.3039	EUR 0.3389	EUR 0.3290	EUR 0.3339
		S	PGK 1 =	EUR 0.2793	EUR 0.3242	EUR 0.3144	EUR 0.3191

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. 1 Explanatory notes on individual countries, see p 63 ff. 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 2014	Rate at end of month		
					May 2015	June 2015	July 2015
Paraguay							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 4,458.54	PYG 5,110.96	PYG 5,178.48	PYG 5,166.75
		S	USD 1 =	PYG 4,467.30	PYG 5,129.41	PYG 5,188.92	PYG 5,176.73
	PYG	V, B	EUR 1 =	PYG 5,910.99	PYG 5,606.72	PYG 5,794.20	PYG 5,666.37
		V, S	EUR 1 =	PYG 5,922.58	PYG 5,626.96	PYG 5,805.88	PYG 5,677.32
Peru							
Lima 504	Nuevo sol = 100 céntimos	B	USD 1 =	PEN 2.838	PEN 3.155	PEN 3.174	PEN 3.186
		S	USD 1 =	PEN 2.840	PEN 3.158	PEN 3.179	PEN 3.192
	PEN	B	EUR 1 =	PEN 3.682	PEN 3.323	PEN 3.527	PEN 3.445
		S	EUR 1 =	PEN 3.857	PEN 3.596	PEN 3.588	PEN 3.620
Philippines							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 43.89649	PHP 44.21099	PHP 44.70674	PHP 45.35121
		S	USD 1 =	PHP 44.87111	PHP 44.96902	PHP 45.47327	PHP 46.12879
	PHP	B	EUR 1 =	PHP 58.11207	PHP 48.40661	PHP 50.24590	PHP 49.57794
		S	EUR 1 =	PHP 59.41447	PHP 49.23657	PHP 51.10740	PHP 50.42799
Poland							
Warsaw 060	Polish zloty = 100 groszy	M	USD 1 =	PLN 3.1548	PLN 3.7671	PLN 3.7645	PLN 3.7929
	PLN	M	EUR 1 =	PLN 4.1893	PLN 4.1301	PLN 4.1944	PLN 4.1488
Portugal							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3285	USD 1.0970	USD 1.1189	USD 1.0967
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 4.740	QAR 3.902	QAR 4.004	QAR 3.926
		S	EUR 1 =	QAR 4.888	QAR 4.043	QAR 4.147	QAR 4.066
Romania							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 3.3487	RON 4.0409	RON 3.9969	RON 4.0166
		M	EUR 1 =	RON 4.4377	RON 4.4395	RON 4.4735	RON 4.4070
Russian Federation							
Moscow 075	Russian rouble = 100 kopeken RUB	M	USD 1 =	RUB 38.6025	RUB 52.9716	RUB 55.5240	RUB 58.9906
		M	EUR 1 =	RUB 51.6637	RUB 58.0145	RUB 61.5206	RUB 64.6478

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

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 2014	Rate at end of month		
					May 2015	June 2015	July 2015
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 676.251241	RWF 707.057031	RWF 712.417075	RWF 716.252194
		S	USD 1 =	RWF 689.501020	RWF 721.196743	RWF 726.663977	RWF 730.575792
	RWF	B	EUR 1 =	RWF 897.084251	RWF 774.121390	RWF 800.471825	RWF 783.078524
		S	EUR 1 =	RWF 914.648736	RWF 789.602254	RWF 816.479645	RWF 798.738513
Saint Helena, Ascension and Tristan da Cunha							
Jamestown 329	Saint Helena pound = 100 pence SHP	2 V	USD 1 =	SHP 0.60679	SHP 0.65542	SHP 0.63580	SHP 0.64202
		2 V	EUR 1 =	SHP 0.80612	SHP 0.71900	SHP 0.71140	SHP 0.70410
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 3.5713	XCD 2.9490	XCD 3.0078	XCD 2.9481
		V, S	EUR 1 =	XCD 3.6094	XCD 2.9804	XCD 3.0399	XCD 2.9796
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 3.5713	XCD 2.9490	XCD 3.0078	XCD 2.9481
		V, S	EUR 1 =	XCD 3.6094	XCD 2.9804	XCD 3.0399	XCD 2.9796
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 3.5713	XCD 2.9490	XCD 3.0078	XCD 2.9481
		V, S	EUR 1 =	XCD 3.6094	XCD 2.9804	XCD 3.0399	XCD 2.9796
Samoa							
Apia 819	Tala = 100 sene WST	M	WST 1 =	USD 0.42792	USD 0.39510	USD 0.39000	USD 0.38110
		M	WST 1 =	EUR 0.32392	EUR 0.36110	EUR 0.34710	EUR 0.34870
Sao Tome and Principe ¹							
São Tomé 311	Dobra = 100 céntimos	B	USD 1 =	STD 18,540.48	STD 22,485.32	STD 22,006.65	STD 22,364.22
		S	USD 1 =	STD 18,818.59	STD 22,822.60	STD 22,336.75	STD 22,699.68
	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 4.8249	SAR 3.9737	SAR 4.0945	SAR .
		S	EUR 1 =	SAR 5.1183	SAR 4.2800	SAR 4.3180	SAR .

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 63 ff. 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 2014	Rate at end of month		
					May 2015	June 2015	July 2015
Senegal ¹							
Dakar 248	CFA franc	V	USD 1 =	XOF 493.758	XOF 597.955	XOF 586.252	XOF 598.119
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Serbia							
Belgrade 098	Serbian dinar = 100 para	B	USD 1 =	RSD 88.4813	RSD 109.7133	RSD 107.4072	RSD 109.4273
		S	USD 1 =	RSD 89.0138	RSD 110.3735	RSD 108.0536	RSD 110.0859
	RSD	B	EUR 1 =	RSD 117.0353	RSD 120.2019	RSD 120.2424	RSD 119.7900
		S	EUR 1 =	RSD 117.7397	RSD 120.9253	RSD 120.9660	RSD 120.5110
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 12.6103	SCR 12.8610	SCR 12.7431	SCR 12.8164
		S	USD 1 =	SCR 13.0203	SCR 13.4496	SCR 13.1964	SCR 13.2488
	SCR	B	EUR 1 =	SCR 16.7174	SCR 14.2133	SCR 14.1830	SCR 13.8690
		S	EUR 1 =	SCR 17.1547	SCR 14.7460	SCR 14.8954	SCR 14.5276
Sierra Leone							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 4,501.44	SLL 4,785.77	SLL 4,812.56	SLL 4,862.32
		S	USD 1 =	SLL 4,592.38	SLL 4,882.45	SLL 4,909.78	SLL 4,960.55
	SLL	V, B	EUR 1 =	SLL 5,934.57	SLL 5,249.99	SLL 5,384.77	SLL 5,332.51
		V, S	EUR 1 =	SLL 6,054.46	SLL 5,356.05	SLL 5,493.55	SLL 5,440.24
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.2678	SGD 1.3476	SGD 1.3474	SGD 1.3728
		M	EUR 1 =	SGD 1.6773	SGD 1.4768	SGD 1.5080	SGD 1.5028
Sint Maarten (southern part)							
Philipsburg 479	Netherlands Antillean guilder = 100 cent	B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 235.26	ANG 195.38	ANG 199.28	ANG 195.33
		S	EUR 100 =	ANG 240.00	ANG 199.32	ANG 203.30	ANG 199.26
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3285	USD 1.0970	USD 1.1189	USD 1.0967
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3285	USD 1.0970	USD 1.1189	USD 1.0967
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents SBD	M	SBD 1 =	USD 0.1354	USD 0.1274	USD 0.1272	USD 0.1245
		M	SBD 1 =	EUR 0.1026	EUR 0.1167	EUR 0.1134	EUR 0.1138

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 63 ff. 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 2014	Rate at end of month		
					May 2015	June 2015	July 2015
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 10.6736	ZAR 11.9310	ZAR 11.9740	ZAR 12.4398
		S	USD 1 =	ZAR 10.9911	ZAR 12.2485	ZAR 12.2915	ZAR 12.7573
	ZAR	B	EUR 1 =	ZAR 14.0999	ZAR 13.0875	ZAR 13.3796	ZAR 13.7598
		S	EUR 1 =	ZAR 14.5604	ZAR 13.5164	ZAR 13.8092	ZAR 14.1909
South Sudan							
Juba 225	South Sudanese pound = 100 piastres	B	USD 1 =	SSP .	SSP 2.9377	SSP 2.9377	SSP 2.9377
		S	USD 1 =	SSP .	SSP 2.9623	SSP 2.9623	SSP 2.9623
	SSP	B	EUR 1 =	SSP .	SSP 3.2159	SSP 3.2843	SSP 3.2097
		S	EUR 1 =	SSP .	SSP 3.2508	SSP 3.3305	SSP 3.2431
Spain							
Madrid 011	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3285	USD 1.0970	USD 1.1189	USD 1.0967
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 129.04	LKR 134.70	LKR 132.10	LKR 132.01
		S	USD 1 =	LKR 131.95	LKR 137.95	LKR 135.29	LKR 135.21
	LKR	B	EUR 1 =	LKR 170.00	LKR 146.83	LKR 146.99	LKR 143.95
		S	EUR 1 =	LKR 175.62	LKR 152.00	LKR 152.29	LKR 149.16
Sudan							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 5.7264	SDG 5.9573	SDG 5.9573	SDG 6.0771
		S	USD 1 =	SDG 5.7550	SDG 5.9871	SDG 5.9871	SDG 6.1075
	SDG	B	EUR 1 =	SDG 7.5582	SDG 6.5465	SDG 6.6698	SDG 6.6702
		S	EUR 1 =	SDG 7.5960	SDG 6.5792	SDG 6.7031	SDG 6.7036
Suriname							
Paramaribo 492	Suriname 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 4.295	SRD 3.541	SRD 3.618	SRD 3.560
		S	EUR 1 =	SRD 4.428	SRD 3.650	SRD 3.730	SRD 3.670
Swaziland ¹							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 10.8213	SZL 12.0210	SZL 12.2350	SZL 12.7410
		S	USD 1 =	SZL 10.8617	SZL 12.0710	SZL 12.2850	SZL 12.7910
	SZL	B	EUR 1 =	SZL 14.28278	SZL 13.1281	SZL 13.6689	SZL 13.9348
		S	EUR 1 =	SZL 14.33873	SZL 13.1839	SZL 13.7260	SZL 13.9908
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 6.8245	SEK 8.4460	SEK 8.2064	SEK 8.5969
		S	USD 1 =	SEK 6.8920	SEK 8.5135	SEK 8.2739	SEK 8.6644
	SEK	B	EUR 1 =	SEK 9.1198	SEK 9.2639	SEK 9.2008	SEK 9.4173
		S	EUR 1 =	SEK 9.1713	SEK 9.3154	SEK 9.2523	SEK 9.4688

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

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 2014	Rate at end of month		
					May 2015	June 2015	July 2015
Switzerland							
Berne 039	Swiss franc = 100 rappen / centimes CHF	B	USD 1 =	CHF 0.9158	CHF 0.9435	CHF 0.9314	CHF 0.9632
		B	EUR 1 =	CHF 1.2128	CHF 1.0342	CHF 1.0377	CHF 1.0536
Syrian Arab Republic							
Damascus 608	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 155.21	SYP .	SYP 236.27	SYP 238.32
		S	USD 1 =	SYP 156.15	SYP .	SYP 237.69	SYP 239.75
		B	EUR 1 =	SYP 204.48	SYP .	SYP 260.68	SYP 261.38
		S	EUR 1 =	SYP 205.91	SYP .	SYP 262.51	SYP 263.21
Tajikistan							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 4.9438	TJS 6.2685	TJS 6.2602	TJS 6.2602
		M	EUR 1 =	TJS 6.5586	TJS 6.8825	TJS 7.0133	TJS 6.8606
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 1,650.8663	TZS 1,987.2178	TZS 2,010.2970	TZS 2,076.0594
		S	USD 1 =	TZS 1,667.3750	TZS 2,007.0900	TZS 2,030.4000	TZS 2,096.8200
		B	EUR 1 =	TZS 2,180.1690	TZS 2,161.4968	TZS 2,242.2853	TZS 2,272.8698
		S	EUR 1 =	TZS 2,202.3748	TZS 2,183.7139	TZS 2,265.1142	TZS 2,296.0179
Thailand							
Bangkok 680	Thai baht = 100 satang THB	B	USD 1 =	THB 32.3369	THB 33.5860	THB 33.6270	THB 34.7233
		S	USD 1 =	THB 32.6198	THB 33.8857	THB 33.9266	THB 35.0315
		B	EUR 1 =	THB 42.6435	THB 36.6310	THB 37.4610	THB 38.2694
		S	EUR 1 =	THB 43.2503	THB 37.2816	THB 38.1199	THB 38.9610
Togo ¹							
Lomé 280	CFA franc XOF	V	USD 1 =	XOF 493.758	XOF 597.955	XOF 586.252	XOF 598.119
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Tonga							
Nuku'alofa 817	Pa'anga = 100 seniti TOP	M	TOP 1 =	USD 0.5403	USD 0.4843	USD 0.4742	USD 0.4613
		M	TOP 1 =	EUR 0.4093 V	EUR 0.4427	EUR 0.4222	EUR 0.4221
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.3615	TTD 6.2830	TTD 6.3165	TTD 6.2994
		S	USD 1 =	TTD 6.4106	TTD 6.3531	TTD 6.3721	TTD 6.3512
		B	EUR 1 =	TTD 8.2159	TTD 6.7775	TTD 6.9685	TTD 7.2334
		S	EUR 1 =	TTD 8.6790	TTD 7.1605	TTD 7.3343	TTD 7.2671

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 63 ff. 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 2014	Rate at end of month		
					May 2015	June 2015	July 2015
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes	B	USD 1 =	TND 1.6962	TND 1.9490	TND 1.9310	TND 1.9586
		S	USD 1 =	TND 1.6995	TND 1.9528	TND 1.9348	TND 1.9626
	TND	B	EUR 1 =	TND 2.2434	TND 2.1411	TND 2.1583	TND 2.1505
		S	EUR 1 =	TND 2.2479	TND 2.1453	TND 2.1626	TND 2.1548
Turkey							
Ankara 052	Turkish lira = 100 kuruş	B	USD 1 =	TRY 2.1873	TRY 2.6533	TRY 2.6863	TRY 2.7745
		S	USD 1 =	TRY 2.1913	TRY 2.6581	TRY 2.6911	TRY 2.7795
	TRY	B	EUR 1 =	TRY 2.8972	TRY 2.8990	TRY 2.9822	TRY 3.0423
		S	EUR 1 =	TRY 2.9024	TRY 2.9042	TRY 2.9875	TRY 3.0478
Turkmenistan							
Ashgabat 080	Turkmen manat = 100 tenga TMT	M	USD 1 =	TMT 2.85	TMT 3.50	TMT 3.50	TMT 3.50
		M	EUR 1 =	TMT 3.7828	TMT 3.8448	TMT 3.8815	TMT 3.8402
Uganda							
Kampala 350	Uganda shilling	B	USD 1 =	UGX 2,611.36	UGX 3,049.29	UGX 3,296.77	UGX 3,420.81
		S	USD 1 =	UGX 2,621.25	UGX 3,059.29	UGX 3,306.77	UGX 3,430.81
	UGX	B	EUR 1 =	UGX 3,446.65	UGX 3,329.21	UGX 3,676.23	UGX 3,736.89
		S	EUR 1 =	UGX 3,459.71	UGX 3,340.13	UGX 3,687.38	UGX 3,747.82
Ukraine							
Kyiv 072	Hryvnia = 100 kopiyok UAH	M	USD 100 =	UAH 1,208.5066	UAH 2,104.8227	UAH 2,101.5358	UAH 2,161.1775
		M	EUR 100 =	UAH 1,594.2622	UAH 2,293.4148	UAH 2,354.1404	UAH 2,367.5700
United Arab Emirates ¹							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils AED	M	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
		V, M	EUR 1 =	AED 4.8517	AED 4.0287	AED 4.1092	AED 4.0276
United Kingdom ¹							
London 006	Pound sterling = 100 pence GBP	M	GBP 1 =	USD 1.6477	USD 1.5261	USD 1.5729	USD 1.5606
		M	EUR 1 =	GBP 0.8024	GBP 0.7184	GBP 0.7083	GBP 0.7079
United States							
Washington 400	US dollar = 100 cents	B	EUR 1 =	USD 1.3208	USD 1.0983	USD 1.1133	USD 1.0983
		S	EUR 1 =	USD 1.3210	USD 1.0988	USD 1.1134	USD 1.0985
	USD	B	GBP 1 =	USD 1.6478	USD 1.5286	USD 1.5714	USD 1.5619
		S	GBP 1 =	USD 1.6481	USD 1.5290	USD 1.5716	USD 1.5624

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

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 2014	Rate at end of month			
					May 2015	June 2015	July 2015	
Uruguay								
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 23.244	UYU 26.776	UYU 27.021	UYU 28.478	
		M	EUR 1 =	UYU 30.840	UYU 29.474	UYU 30.1244	UYU 31.2731	
Uzbekistan								
Tashkent 081	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 2,315.00	UZS 2,532.34	UZS 2,555.60	UZS 2,575.18	
		M	EUR 1 =	UZS 3,083.52	UZS 2,858.29	UZS 2,873.61	UZS 2,810.56	
Vanuatu								
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 96.82	VUV 107.21	VUV 107.68	VUV 110.42	
		S	USD 1 =	VUV 101.68	VUV 112.60	VUV 113.09	VUV 115.96	
		B	EUR 1 =	VUV 127.58	VUV 117.24	VUV 120.44	VUV 120.46	
		S	EUR 1 =	VUV 132.46	VUV 121.73	VUV 125.05	VUV 125.07	
Venezuela, Bolivarian Republic of ¹								
Caracas 484	Bolívar = 100 céntimos VEF	2	B	USD 1 =	VEF 6.2842	VEF 6.2842	VEF 6.2842	VEF 6.2842
			S	USD 1 =	VEF 6.3000	VEF 6.3000	VEF 6.3000	VEF 6.3000
		B	S	EUR 1 =	VEF 8.33700126	VEF 6.90256528	VEF 7.00499774	VEF 6.90319370
			S	EUR 1 =	VEF 8.35924500	VEF 6.92181000	VEF 7.02324000	VEF 6.92118000
		3	B	USD 1 =	VEF 49.8401 4	VEF 198.5151	VEF 196.8047	VEF 197.2930
			S	USD 1 =	VEF 49.9651 4	VEF 199.0127	VEF 197.2980	VEF 197.7875
		B	S	EUR 1 =	VEF 65.4171 4	VEF 218.048986	VEF 219.378199	VEF 216.726361
			S	EUR 1 =	VEF 65.5881 4	VEF 218.655253	VEF 219.947810	VEF 217.289348
Viet Nam								
Hanoi 690	Dong = 10 hào = 100 xu VND	B	S	USD 1 =	VND 21,189	VND 21,770	VND 21,780	VND 21,780
			S	USD 1 =	VND 21,236	VND 21,840	VND 21,840	VND 21,840
		B	S	EUR 1 =	VND 27,909.50	VND 23,787.03	VND 24,240.93	VND 23,739.25
			S	EUR 1 =	VND 28,176.84	VND 24,025.26	VND 24,483.23	VND 23,977.06
Yemen								
Sana'a 653	Yemeni rial = 100 fils YER	B	S	USD 1 =	YER 214.87	YER 214.87	YER 214.87	YER 214.87
			S	USD 1 =	YER 214.91	YER 214.91	YER 214.91	YER 214.91
		B	S	EUR 1 =	YER 284.34	YER 236.10	YER 239.97	YER 235.87
			S	EUR 1 =	YER 284.40	YER 236.14	YER 240.01	YER 235.92
Zambia								
Lusaka 378	Kwacha = 100 ngwee ZMW	B	S	USD 1 =	ZMW 6.1790	ZMW 7.2745	ZMW 7.5016	ZMW 7.6520
			S	USD 1 =	ZMW 6.1974	ZMW 7.2945	ZMW 7.5216	ZMW 7.6720
		B	S	EUR 1 =	ZMW 8.1629	ZMW 7.9874	ZMW 8.4274	ZMW 8.4578
			S	EUR 1 =	ZMW 8.1885	ZMW 8.0101	ZMW 8.4521	ZMW 8.4814
Zimbabwe ¹								
Harare 382	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =	.	.	.	.
		M	EUR 1 =	.	.	.	.

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. 1 Explanatory notes on individual countries, see p 63 ff. 2 Official rate. 3 SIMADI. 4 SICAD II.

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-July 2015

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		
Ceuta (021)	Euro	Palau (825)	US dollar
Chafarinas (Islands)	Euro	Pescadores	New Taiwan dollar
Christmas Island (834)	Australian dollar	Pitcairn Islands Group (813)	New Zealand dollar
Cocos Islands (833)	Australian dollar	Puerto Rico (400)	US dollar
Désirade (001)	Euro		
		Réunion (001)	Euro
Easter Island	Chilean peso		
Ecuador (500)	US dollar	Saba (475)	US dollar
		San Marino ¹ (047)	Euro
Faroe Islands ¹ (041)	Danish krone	Spitzbergen/Spitsbergen (028)	Norwegian krone
(French) Guiana (001)	Euro	St Barthélemy (001)	Euro
French Polynesia (822)	CFP franc	St Eustatius (475)	US dollar
		St Martin (northern part) (001)	Euro
Galapagos Islands (500)	US dollar	St Pierre and Miquelon (408)	Euro
Gozo (Island of)	Euro	Sumatra	Indonesian rupiah
Greenland (406)	Danish krone	Swan Islands (424)	Honduran lempira
Guadeloupe (001)	Euro		
Guam (831)	US dollar	Tahiti (822)	CFP franc
Guernsey ¹ (107)	British pound sterling	Tibet (720)	Chinese yuan renminbi
		Timor-Leste ¹ (626)	US dollar
Howland Island (832)	US dollar	Tokelau (839)	New Zealand dollar/Samoan tala
		Turks and Caicos Islands ¹ (454)	US dollar
		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
Kiribati ¹ (812)	Australian dollar		
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 61. ¹ Local currency is also in use.

V Value of the special drawing right in selected currencies *

1 End of year

SDR 1 = CU ...

Period	US dollar USD	Euro EUR	Pound sterling GBP	Japanese yen JPY	Canadian dollar CAD	Swiss franc CHF	Swedish krona SEK	Danish krone DKK	Norwegian krone NOK
1999	1.37251	1.36467	0.848150	140.111	1.98094	2.19297	11.6873	10.1549	11.0218
2000	1.30291	1.40022	0.873149	149.704	1.95462	2.13221	12.4232	10.4500	11.5288
2001	1.25673	1.42474	0.866469	165.491	2.00147	2.10605	13.3943	10.5685	11.3251
2002	1.35952	1.29639	0.843483	162.414	2.14750	1.88539	11.9542	9.62844	9.47006
2003	1.48597	1.17654	0.832619	158.575	1.92047	1.83800	10.7715	8.82099	9.91886
2004	1.55301	1.14016	0.804085	161.161	1.86920	1.75738	10.2351	8.46296	9.37796
2005	1.42927	1.21155	0.830055	168.610	1.66418	1.87848	11.3363	9.03881	9.67427
2006	1.50440	1.14229	0.766377	178.948	1.75308	1.83582	10.3390	8.51702	9.41017
2007	1.58025	1.07346	0.788780	179.947	1.56144	1.77857	10.2088	8.02021	8.55074
2008	1.54027	1.10675	0.788780	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
2013	1.54000	1.11732	0.935148	162.162	1.63856	1.37291	10.0229	8.33556	9.41398
2014	1.44881	1.19332	0.928247	174.733	1.68076	1.43301	11.3176	8.86611	10.7693

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 krone NOK
2012 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
Oct	1.53804	1.12751	0.959058	151.466	1.60402	1.39100	9.87547	8.40986	9.13734
Nov	1.53521	1.12916	0.940751	155.624	1.62655	1.38905	10.0835	8.42197	9.31897
Dec	1.54000	1.11732	0.935148	162.162	1.63856	1.37291	10.0229	8.33556	9.41398
2014 Jan	1.53420	1.13510	0.932079	157.747	1.70588	1.38431	10.0125	8.46998	9.6609
Feb	1.54740	1.12025	0.927257	157.526	1.71375	1.36450	10.0439	8.35988	9.26999
Mar	1.54563	1.12100	0.928695	158.968	1.70838	1.36633	10.0571	8.36925	9.25386
Apr	1.54969	1.11891	0.921285	158.967	1.69800	1.36698	10.1799	8.35143	9.25566
May	1.54047	1.13212	0.920785	156.573	1.67403	1.38149	10.2538	8.45059	9.21837
June	1.54589	1.13186	0.907482	156.599	1.65039	1.37631	10.4202	8.43889	9.51158
July	1.53131	1.14456	0.907013	157.388	1.66759	1.39226	10.5544	8.53424	9.62001
Aug	1.51838	1.15134	0.915131	157.472	1.64866	1.38856	10.5872	8.57979	9.37937
Sep	1.48258	1.17824	0.916305	162.150	1.66168	1.42046	10.7314	8.76978	9.56627
Oct	1.47833	1.18040	0.923728	163.459	1.66681	1.41757	10.8662	8.78735	10.0216
Nov	1.46424	1.17374	0.929973	172.546	1.64522	1.41446	10.8774	8.73218	9.98841
Dec	1.44881	1.19332	0.928247	174.733	1.68076	1.43301	11.3176	8.86611	10.7693
2015 Jan	1.40980	1.24706	0.934763	166.667	1.79285	1.30223	11.6534	9.28315	11.0159
Feb	1.40739	1.25213	0.912176	167.846	1.76037	1.33534	11.7788	9.34833	10.7357
Mar	1.37949	1.28217	0.932088	165.691	1.74961	1.34197	11.8956	9.57735	11.1594
Apr	1.40642	1.25405	0.911718	166.674	1.70444	1.31598	11.6984	9.35918	10.5145
May	1.39050	1.26755	0.911926	172.075	1.73326	1.30944	11.7894	9.45555	10.8198
June	1.40639	1.25694	0.894767	172.213	1.75433	1.30823	11.5871	9.37726	11.0497
July	1.39470	1.27172	0.895528	172.901	1.81966	1.34212	12.0354	9.48902	11.4474

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
2015 May 1	1.40727	.	0.921167	168.380	1.71575	.	.	.	.
4	1.39985	1.25524	.	.	1.69536	1.30914	11.7404	9.36988	10.6232
5	1.39908	1.25851	0.924590	.	1.68450	1.30633	11.7394	9.39443	10.6312
6	1.40504	1.25115	0.922850	.	1.68731	1.29797	11.6731	9.33960	10.5258
7	1.41043	1.24762	0.926758	168.405	1.71212	1.28067	11.5699	9.31177	10.3895
8	1.40633	1.25330	0.911785	168.549	1.69997	1.30001	.	9.35454	10.5046
11	1.40459	1.26062	0.907359	168.199	1.70025	1.30879	11.6156	9.40778	10.6201
12	1.41088	1.25534	0.900252	169.588	1.69122	1.30295	11.6617	9.36865	10.5380
13	1.40991	1.25650	0.899062	168.851	1.68499	1.30826	11.6818	9.37717	10.5005
14	1.42050	1.24398	0.899224	169.039	1.70346	1.29067	.	.	.
15	1.41598	1.24998	0.900576	169.040	1.70059	1.30284	11.6668	.	10.4679
18	1.41813	1.24518	0.904192	169.666	.	1.30114	11.6661	9.29403	10.4365
19	1.40745	1.25890	0.906865	168.824	1.71864	1.30963	11.6807	9.39011	10.5174
20	1.40152	1.26058	0.902983	169.401	1.71153	1.31644	11.7562	9.40371	10.5858
21	1.40642	1.26329	0.896499	170.248	1.71598	1.31107	11.7292	9.42125	10.6534
22	1.40693	1.26023	0.899281	170.295	1.72883	1.30901	11.6475	9.39717	10.6030
26	1.39115	1.27324	0.902519	169.358	1.72920	1.31922	11.7666	9.49190	10.6552
27	1.38899	1.27865	0.902820	170.832	1.73416	1.31982	11.7463	9.53416	10.7732
28	1.38961	1.27534	0.908711	171.894	1.73381	1.31512	11.8001	9.51384	10.8289
29	1.39050	1.26755	0.911926	172.075	1.73326	1.30944	11.7894	9.45555	10.8198
June 1	1.38836	1.26861	0.913034	172.435	1.74239	1.31270	11.9042	9.46226	11.0451
2	1.39221	1.26232	0.913643	174.026	1.72954	1.30896	11.9066	9.41566	10.9513
3	1.39729	1.25498	0.914219	173.054	1.73767	1.30912	11.7537	9.36172	10.9364
4	1.40932	1.24531	0.913184	175.207	1.75841	1.31038	11.7475	9.28997	10.8802
5	1.40146	1.24930	0.915986	174.454	1.75028	1.30967	11.6143	.	11.0044
8	1.39653	1.25114	0.916531	175.054	1.73658	1.31259	11.6955	9.33384	11.0439
9	1.40377	1.24790	0.918038	174.699	1.72902	1.30340	11.6551	9.30977	10.9542
10	1.40766	1.24804	0.910341	175.113	1.72678	1.30871	11.5851	9.31229	10.8567
11	1.40609	1.25186	0.909091	172.907	1.73146	1.31357	11.6039	9.34064	10.9989
12	1.40293	1.25038	0.904887	173.262	1.72617	1.31188	11.5487	9.32949	10.8722
15	1.40440	1.25191	0.906175	173.415	1.73064	1.31086	11.5375	9.33899	10.9067
16	1.40680	1.25439	0.902723	173.670	1.73458	1.30987	11.4720	9.35436	10.9421
17	1.40839	1.24869	0.894614	173.838	1.73345	1.30826	11.5160	9.31203	10.8942
18	1.41722	1.24274	0.891162	174.672	1.73029	1.30016	11.4571	9.27145	10.9747
19	1.41210	1.24976	0.891305	173.646	1.73392	1.30393	.	9.32453	11.0298
22	1.41358	1.24599	0.893655	173.969	1.73701	1.30148	11.4661	9.29696	10.8925
23	1.40757	1.25631	0.892108	174.003	1.73511	1.31256	11.5012	9.37523	10.9618
24	1.40638	1.25424	0.892602	174.222	1.74602	1.31075	11.6077	9.35900	10.9985
25	1.40591	1.25460	0.894855	174.150	1.73588	1.32057	11.5788	9.35909	10.9897
26	1.40666	1.25572	0.893631	173.765	1.73849	1.30974	11.6106	9.36865	11.0164
29	1.40323	1.26043	0.894174	172.583	1.73748	1.31076	11.7112	9.40336	11.1000
30	1.40639	1.25694	0.894767	172.213	1.75433	1.30823	11.5871	9.37726	11.0497
July 1	1.40216	1.26321	0.895440	171.976	.	1.32098	11.6418	9.42454	11.0449
2	1.39934	1.26454	0.897304	172.637	.	1.32909	11.7727	9.43396	11.1217
6	1.39790	1.26989	0.898505	171.312	1.76499	1.32171	11.8445	9.47463	11.3142
7	1.39494	1.27613	0.902348	171.159	1.77715	1.32296	11.8470	9.52172	11.4634
8	1.39583	1.26618	0.908628	170.361	1.77578	1.31976	11.8791	9.44840	11.4842
9	1.39746	1.26421	0.908438	168.785	1.77882	1.32786	11.8467	9.43378	11.4013
10	1.40467	1.25585	0.904895	170.850	1.78603	1.31477	11.8727	9.37207	11.1776
13	1.39891	1.26610	0.899103	171.367	1.78529	1.32477	11.7648	9.44813	11.2727
14	1.39714	1.26655	0.897207	172.812	1.78107	1.32169	11.8938	9.45162	11.3895
15	1.39762	1.26952	0.893959	172.536	1.80810	1.32382	11.9167	9.47427	11.3502
16	1.39137	1.28036	0.891107	172.349	1.80029	1.33168	11.8621	9.55365	11.3415
17	1.39100	1.27744	0.891496	172.762	1.80802	1.33383	11.8857	9.53234	11.3443
20	1.38857	1.27955	0.892228	.	1.80265	1.33706	12.0030	9.54745	11.3823
21	1.38916	1.27833	0.893639	172.756	1.80049	1.33498	11.9937	9.53871	11.3982
22	1.39304	1.27778	0.892626	172.458	1.81457	1.33703	11.9212	9.53425	11.3709
23	1.39597	1.26918	0.895255	173.198	1.81895	1.33329	11.9681	9.46979	11.3756
24	1.39297	1.27340	0.899095	172.715	1.81922	1.33837	11.9697	9.50146	11.4548
27	1.39844	1.26464	0.901518	172.916	1.81922	1.33788	11.9376	9.43610	11.4349
28	1.39738	1.26747	0.896274	172.060	1.80738	1.34889	11.9264	9.45725	11.4345
29	1.39900	1.26836	0.894438	172.832	1.80373	1.34569	12.0349	9.46369	11.4120
30	1.39437	1.27281	0.892793	173.125	1.81630	1.35421	12.0597	9.49632	11.3828
31	1.39470	1.27172	0.895528	172.901	1.81966	1.34212	12.0354	9.48902	11.4474
Aug 3	1.39430	1.27322	0.893783	172.991	.	1.34857	12.0179	9.50010	11.4596
4	1.39503	1.27133	0.894478	173.053	1.83098	1.35095	12.0688	9.48623	11.4438
5	1.39000	1.27722	0.891544	172.777	1.83244	1.36151	12.1265	9.53025	11.4892
6	1.39128	1.27817	0.892538	173.563	1.82982	1.36638	12.1227	9.53698	11.5367
7	1.39142	1.27175	0.897110	173.635	1.82582	1.36790	12.1613	9.48974	11.4978
10	1.39115	1.26929	0.899200	173.059	1.81628	1.37028	12.1905	9.47131	11.4566

VI Global exchange rate arrangements and monetary policy framework *

As of end-April 2014

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 South Sudan Turkmenistan United Arab Emirates Venezuela, Bolivarian Republic of	Cabo Verde Comoros Denmark ³ Sao Tome and Principe WAEMU ⁵ Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo CAEMC ⁶ Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon	Fiji Kuwait Libya Morocco Samoa	Bhutan Lesotho Namibia Nepal Swaziland			Solomon Islands ⁴
Stabilised arrangement	Guyana Iraq Kazakhstan Lebanon Maldives Suriname Trinidad and Tobago	Macedonia, former Yugoslav Republik	Singapore Viet Nam ⁷		Bangladesh ⁷ Burundi ⁷ Congo, Democratic Republic of the ⁷ Guinea ⁷ Sri Lanka ⁷ Tajikistan ⁷ Yemen ⁷		Angola ⁷ Azerbaijan ⁷ Bolivia, Plurinational State of ⁷ Egypt ⁷
Crawling peg	Nicaragua		Botswana				
Crawl-like arrangement	Honduras Jamaica	Croatia			China ⁷ Ethiopia ⁷ Uzbekistan ⁷	Armenia ⁷ Dominican Republic ⁷ Guatemala ^{7,8}	Argentina ⁷ Belarus ^{7,8} Haiti ⁷ Lao People's Dem. Rep. ⁷ Switzerland ⁹ Tunisia ^{4,10}

VI Global exchange rate arrangements and monetary policy framework *

As of end-April 2014

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	Cambodia Liberia		Algeria Iran, Islamic Republic of Syrian Arab Republic		Gambia Myanmar Nigeria Rwanda	Czech Republic	Costa Rica Kyrgyzstan Malaysia Mauritania Pakistan Russian Federation ¹⁰ Sudan Vanuatu ⁸
Floating					Afghanistan Kenya Madagascar Malawi ⁸ Mozambique Papua New Guinea Seychelles ¹¹ Sierra Leone Tanzania, United Republic of Ukraine Uruguay	Albania Brazil Colombia Georgia Ghana Hungary Iceland Indonesia Israel Korea, Republic of Moldova, Republic of New Zealand Paraguay Peru Philippines Romania Serbia South Africa Thailand Turkey Uganda ⁸	India Mauritius Mongolia Zambia
Free floating						Australia Canada Chile Japan Mexico Norway Poland Sweden United Kingdom	Somalia United States EMU Austria Belgium Cyprus Estonia Finland France Germany Greece Ireland Italy Latvia Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2014, 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 the ERM II. ⁴ The country maintains a de facto exchange rate anchor to a composite. ⁵ The members participate in the West African Economic and Monetary Union. ⁶ The members participate in the

Central African Economic and Monetary Community. ⁷ The country maintains a de facto exchange rate anchor to the US dollar. ⁸ The exchange rate arrangement or monetary policy framework was reclassified retroactively, overriding a previously published classification. ⁹ The country maintains a de facto exchange rate anchor to the euro. ¹⁰ The central bank has taken preliminary steps toward inflation targeting. ¹¹ The exchange rate arrangement was reclassified twice during this reporting period, reverting back to the classification in the previous year's report.

VII ISO currency codes *

As of end-July 2015

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	GMD	Dalasi	Gambia
			CUP	Cuban peso	Cuba	GNF	Guinean franc	Guinea
AFN	Afghani	Afghanistan	CVE	Cabo Verde escudo	Cabo Verde	GTQ	Quetzal	Guatemala
ALL	Albanian lek	Albania	CZK	Czech koruna	Czech Republic	GYD	Guyana dollar	Guyana
AMD	Armenian dram	Armenia						
ANG	Netherlands Antillean guilder	Curaçao Sint Maarten (southern part)	DJF	Djibouti franc	Djibouti	HKD	Hong Kong dollar	Hong Kong
AOA	Kwanza	Angola	DKK	Danish krone	Denmark Faroe Islands Greenland	HNL	Lempira	Honduras
ARS	Argentine peso	Argentina	DOP	Dominican peso	Dominican Republic	HRK	Kuna	Croatia
AUD	Australian dollar	Australia Christmas Island Cocos Islands Kiribati Nauru Norfolk Island Tuvalu	DZD	Algerian dinar	Algeria	HTG	Gourde	Haiti
						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 Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain	IQD	Iraqi dinar	Iraq
BAM	Convertible marka	Bosnia and Herzegovina				IRR	Iranian rial	Iran, Islamic Republic of
BBD	Barbados dollar	Barbados				ISK	Icelandic krona	Iceland
BDT	Taka	Bangladesh						
BGN	Bulgarian lev	Bulgaria				JMD	Jamaican dollar	Jamaica
BHD	Bahraini dinar	Bahrain				JOD	Jordanian dinar	Jordan
BIF	Burundi franc	Burundi				JPY	Japanese yen	Japan
BMD	Bermudian dollar	Bermuda						
BND	Brunei dollar	Brunei Darussalam				KES	Kenya shilling	Kenya
BOB	Boliviano	Bolivia, Plurinational State of				KGS	Kyrgyz som	Kyrgyzstan
BRL	Brazilian real	Brazil				KHR	Riel	Cambodia
BSD	Bahamian dollar	Bahamas				KMF	Comorian franc	Comoros
BTN	Ngultrum	Bhutan				KPW	North Korean won	Korea, Democratic People's Republic of
BWP	Pula	Botswana				KRW	South Korean won	Korea, Republic of
BYR	Belarusian rouble	Belarus				KWD	Kuwaiti dinar	Kuwait
BZD	Belize dollar	Belize				KYD	Cayman Islands dollar	Cayman Islands
						KZT	Tenge	Kazakhstan
CAD	Canadian dollar	Canada	FJD	Fiji dollar	Fiji			
CDF	Congo franc	Congo, Democratic Republic of the	FKP	Falkland Islands pound	Falkland Islands (Islas Malvinas)	LAK	Kip	Lao People's Democratic Republic
CHF	Swiss franc	Switzerland Liechtenstein	GBP	Pound sterling	United Kingdom Guernsey Isle of Man Jersey	LBP	Lebanese pound	Lebanon
CLP	Chilean peso	Chile				LKR	Sri Lanka rupee	Sri Lanka
CNY	Chinese yuan renminbi	China	GEL	Lari	Georgia	LRD	Liberian dollar	Liberia
COP	Colombian peso	Colombia	GHS	Ghana cedi	Ghana	LSL	Loti	Lesotho
CRC	Costa Rican colón	Costa Rica	GIP	Gibraltar pound	Gibraltar	LYD	Libyan dinar	Libya

* Extracted and compiled from ISO communications. ¹ See Explanatory notes on individual countries, p 63 ff.

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.

**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,

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

(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:

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:

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 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.

(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

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

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.

Council Regulation (EU)

No 851/2014

of 23 July 2014 amending Regulation (EC) No 2866/98 as regards the conversion rate to the euro for Lithuania (published in the Official Journal of the European Union L 233 of 6 August 2014)

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 those conversion rates as from 1 January 1999.

(2) According to Article 4 of the 2003 Act of Accession, Lithuania 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 2014/509/EU of 23 July 2014 on the adoption by Lithuania of the euro on 1 January 2015, Lithuania fulfils the necessary conditions for the adoption of the euro and the derogation of Lithuania is abrogated with effect from 1 January 2015.

(4) The introduction of the euro in Lithuania requires the adoption of the conversion rate between the euro and the Lithuanian litas. This conversion rate should be set at 3.45280 litas per 1 euro, which corresponds to the current central rate of the litas 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 Latvian lats and the Luxembourg franc:

"= 3.45280 Lithuanian litas".

Article 2

This Regulation shall enter into force on 1 January 2015.

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

■ Explanatory notes

■ Euro foreign exchange reference 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 European Monetary Union, followed by Slovenia on 1 January 2007, Cyprus and Malta on 1 January 2008, Slovakia on 1 January 2009, Estonia on 1 January 2011, Latvia on 1 January 2014 and Lithuania on 1 January 2015 (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 foreign exchange reference 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-19 and EER-38 groups as well as their percentage

weights. To prevent breaks in the time series, the indices of two consecutive weighting periods are chain-linked beyond the end of the first period. For information on the revision of trade weights carried out in August 2015, see the ECB's website (www.ecb.europa.eu/stats/exchange/effective/html/index.en.html).

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 rates 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.europa.eu).

■ 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 methodologically 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 group of 26 selected industrialised countries comprises 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 comprises the euro-area countries and the EER-19 group. The group of 56 countries consists of the euro-area countries as well as the EER-38 group.

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

Figures in %

As of August 2015

Trading partner	Calculation period for weights														
	EER-12					EER-19					EER-38				
	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	2010 to 2012	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	2010 to 2012	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	2010 to 2012
	Period of use of weights														
	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	From 2010	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	From 2010	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	From 2010
EER-38 group											100	100	100	100	100
EER-19 group						100	100	100	100	100					
EER-12 group	100	100	100	100	100										
Australia	1.05	1.16	1.30	1.42	1.59	0.87	0.90	0.92	0.91	0.96	0.71	0.74	0.75	0.73	0.76
Canada	2.31	2.46	2.50	2.56	2.52	1.91	1.91	1.77	1.63	1.52	1.57	1.57	1.44	1.32	1.21
Denmark	3.43	3.60	3.83	4.14	3.60	2.84	2.80	2.72	2.65	2.17	2.34	2.30	2.20	2.13	1.73
Hong Kong	2.52	2.41	2.64	2.62	2.96	2.08	1.87	1.87	1.67	1.78	1.71	1.54	1.52	1.35	1.42
Japan	13.00	11.84	11.57	11.17	11.11	10.76	9.21	8.22	7.14	6.69	8.85	7.58	6.66	5.75	5.33
Korea, Republic of	3.99	4.39	5.62	6.24	6.59	3.30	3.41	3.99	3.99	3.97	2.72	2.81	3.23	3.21	3.16
Norway	1.71	1.64	1.84	2.08	1.98	1.42	1.27	1.31	1.33	1.19	1.17	1.05	1.06	1.07	0.95
Singapore	2.34	2.18	2.45	2.32	2.62	1.93	1.69	1.74	1.48	1.58	1.59	1.39	1.41	1.19	1.26
Sweden	6.46	6.17	7.16	7.58	7.51	5.34	4.79	5.08	4.84	4.52	4.39	3.95	4.12	3.90	3.60
Switzerland	8.79	9.12	9.33	10.33	11.48	7.27	7.09	6.63	6.61	6.91	5.98	5.84	5.37	5.32	5.51
United Kingdom	25.94	25.90	24.79	23.27	21.57	21.46	20.13	17.61	14.88	12.99	17.65	16.58	14.26	11.97	10.34
United States	28.46	29.14	26.96	26.28	26.45	23.55	22.65	19.15	16.81	15.93	19.37	18.65	15.51	13.52	12.68
Additional countries in the EER-19 group															
Bulgaria						0.36	0.45	0.55	0.63	0.62	0.30	0.37	0.44	0.51	0.49
China						6.47	9.21	13.82	18.37	22.18	5.32	7.58	11.20	14.78	17.67
Croatia						0.54	0.61	0.65	0.63	0.47	0.44	0.50	0.53	0.51	0.37
Czech Republic						2.91	3.65	4.19	5.07	5.18	2.39	3.01	3.40	4.08	4.12
Hungary						2.62	3.02	3.16	3.17	2.85	2.16	2.48	2.56	2.55	2.27
Poland						3.37	3.97	4.88	6.24	6.40	2.78	3.27	3.95	5.02	5.10
Romania						0.98	1.36	1.71	1.96	2.08	0.80	1.12	1.39	1.57	1.66
Additional countries in the EER-38 group															
Algeria											0.28	0.35	0.35	0.38	0.40
Argentina											0.49	0.27	0.26	0.30	0.38
Brazil											1.38	1.21	1.24	1.38	1.43
Chile											0.31	0.32	0.42	0.42	0.41
China (Taiwan)											2.38	2.09	1.83	1.50	1.52
Iceland											0.06	0.07	0.08	0.09	0.09
India											1.35	1.46	1.76	2.15	2.45
Indonesia											0.78	0.73	0.61	0.62	0.69
Israel											1.01	0.88	0.72	0.67	0.68
Malaysia											1.15	1.17	1.13	1.05	1.02
Mexico											1.18	1.28	1.19	1.20	1.33
Morocco											0.62	0.57	0.61	0.58	0.59
New Zealand											0.11	0.13	0.13	0.11	0.10
Philippines											0.52	0.50	0.42	0.30	0.28
Russian Federation											1.83	2.22	2.98	3.47	3.49
South Africa											0.89	0.92	1.03	0.95	0.98
Thailand											0.99	1.02	1.04	1.10	1.12
Turkey											2.21	2.30	3.04	3.13	3.26
Venezuela, Bolivarian Republic of											0.22	0.18	0.16	0.15	0.15

^o Figures have been rounded. The ECB also publishes weighting schemes and indicators for a group of 18 countries which corresponds to the EER-19 group excluding Croatia.

■ Overview of world currencies

The end-of-month exchange rates listed in Table IV 1 (pp 20-42) are the latest rates known to us at the end of a 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 euro or US dollar 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 name 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 / 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 2014 (see Table VI, pp 46-47) is based on the IMF’s *Annual Report on Exchange Arrangements and Exchange Restrictions 2014*, which can be purchased from the IMF (<http://www.imfbookstore.org>).

The IMF’s classification system is generally 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 rate within horizontal bands. 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, 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 authority 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 rather 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 Economic and Monetary Union (UEMOA = Union Économique et 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

Cameroon, the Central African Republic, Chad, Congo, Equatorial Guinea and Gabon all belong to the Central African Economic and Monetary Community (CEMAC = Communauté Économique et Monétaire de l'Afrique Centrale). The responsible monetary authority is the "Banque des Etats de l'Afrique Centrale", whose CFA franc (F.CFA = Franc de la Coopération Financière en Afrique Centrale) is legal tender only in the aforementioned countries.

Central African Republic

See Explanatory notes on Cameroon.

Chad

See Explanatory notes on Cameroon.

Congo

See Explanatory notes on Cameroon.

Cook Islands

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

Côte d'Ivoire

See Explanatory notes on Benin.

Cuba

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

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

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

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

El Salvador

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

Equatorial Guinea

See Explanatory notes on Cameroon.

Gabon

See Explanatory notes on Cameroon.

Greece

Greece imposed capital controls by way of a decree dated 28 June 2015. The country's banks closed on that date and re-opened to the public on 20 July 2015. A maximum of just €420 per week can be withdrawn from Greek accounts at ATMs and bank counters. There are no restrictions on domestic debit and credit card payments. Similarly, bank transactions conducted electronically or by telephone are not subject to any limits, provided the payments take place within Greece. As a rule, a permit is needed for payments to recipients outside Greece. Enterprises receive a permit mainly to conduct transactions that are a matter of public interest. The capital controls have since been relaxed such that enterprises now only need a permit from the competent government commission for foreign transfers of €100,000 or above. Transfers of smaller amounts to recipients outside Greece can be permitted by banks. Individuals are only authorised to transfer money abroad in exceptional cases.

Guinea-Bissau

See Explanatory notes on Benin.

India

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

Iran, Islamic Republic of

Alongside the published exchange rates, there are bureau de change rates, which deviate, and stood at USD 1 = IRR 33,100 and EUR 1 = IRR 36,600 at the end of July 2015, according to the German Embassy in Tehran.

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

Kenya

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

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.

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 are available for the Somali shilling.

Swaziland

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

Togo

See Explanatory notes on Benin.

United Arab Emirates

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

United Kingdom

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

Venezuela, Bolivarian Republic of

In addition to the official market and the auction procedure SICAD (Sistema Complementario de Administración de Divisas), the forex trading system SIMADI (Sistema Marginal de Divisas) was launched with effect from 12 February 2015.

There is still a black market on which, according to press reports, the US dollar was trading at more than 650 bolívares at the beginning of August 2015.

Exchange rate application

Official exchange rate

For debt service payments by public-sector entities and for authorised transactions.

SIMADI (SICAD II until 11 February 2015)

For the purchase of foreign exchange by natural and legal persons, eg in the form of foreign notes and coins and

currency cheques (including traveller's cheques) and for the sale of foreign currency to domestic households and importers in the form of foreign notes and coins as well as traveller's cheques or for credit transfers.

SICAD

For the purchase of foreign currency by registered importers and registered domestic households (eg for university studies abroad and for health, sports and culture-related purposes). The exchange rate as at the end of July 2015 was USD 1 = VEF 12.80.

Zimbabwe

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

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

In January 2014, the group of currencies designated as "official means of payment" was extended by the Japanese yen, Chinese yuan renminbi, Indian rupee and Australian dollar.

On 11 June 2015, the Reserve Bank of Zimbabwe announced the demonetisation of the Zimbabwe dollar in a press statement. The demonetisation process is taking place between 15 June and 30 September 2015.

The conversion rates are as follows.

Account balances

Up to 175 quadrillion Zimbabwe dollar:

a lump sum of 5 US dollar

Over 175 quadrillion Zimbabwe dollar:

1 US dollar per 35 quadrillion Zimbabwe dollar (old)

1 US dollar per 35,000 Zimbabwe dollar (new)

Cash

1 US dollar per 250 trillion Zimbabwe dollar (old)

1 US dollar per 250 Zimbabwe dollar (new)