



Exchange rate statistics

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Statistical Supplement 5
to the Monthly Report

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

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

Selected updated statistics are also available on the website.

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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	Data unknown, not to be published or not meaningful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	E EK	15.6466
2014 January 1	Latvia	Latvian lats	LVL	0.702804
2015 January 1	Lithuania	Lithuanian litas	LTL	3.45280

* Excerpts from official notifications 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
2016 Feb	1	1.9558	7.6605	27.021	7.4625	311.86	4.3952	4.5246
	2	1.9558	7.6675	27.026	7.4628	311.65	4.4055	4.5140
	3	1.9558	7.6665	27.025	7.4623	310.55	4.3982	4.5093
	4	1.9558	7.6610	27.021	7.4629	310.49	4.4152	4.5087
	5	1.9558	7.6540	27.037	7.4629	309.95	4.4134	4.5028
	8	1.9558	7.6455	27.062	7.4631	310.69	4.4352	4.4798
	9	1.9558	7.6420	27.058	7.4635	311.55	4.4530	4.4943
	10	1.9558	7.6350	27.031	7.4638	311.62	4.4289	4.4830
	11	1.9558	7.6391	27.069	7.4638	311.98	4.4485	4.4783
	12	1.9558	7.6320	27.063	7.4642	310.13	4.4109	4.4741
	15	1.9558	7.6200	27.037	7.4638	309.24	4.3945	4.4689
	16	1.9558	7.6170	27.029	7.4644	310.75	4.4062	4.4613
	17	1.9558	7.6173	27.044	7.4645	309.95	4.3979	4.4550
	18	1.9558	7.6175	27.030	7.4635	309.49	4.3817	4.4615
	19	1.9558	7.6180	27.023	7.4625	309.11	4.3777	4.4670
	22	1.9558	7.6300	27.022	7.4620	307.84	4.3646	4.4767
	23	1.9558	7.6260	27.028	7.4618	307.63	4.3668	4.4648
	24	1.9558	7.6260	27.047	7.4621	310.55	4.3680	4.4775
	25	1.9558	7.6220	27.052	7.4617	310.86	4.3581	4.4673
	26	1.9558	7.6230	27.064	7.4600	310.52	4.3631	4.4639
	29	1.9558	7.6263	27.057	7.4602	311.26	4.3543	4.4757
Mar	1	1.9558	7.6263	27.056	7.4591	310.15	4.3468	4.4653
	2	1.9558	7.6040	27.046	7.4580	309.96	4.3297	4.4585
	3	1.9558	7.6015	27.057	7.4565	308.94	4.3339	4.4584
	4	1.9558	7.5940	27.058	7.4609	309.31	4.3313	4.4663
	7	1.9558	7.5783	27.056	7.4605	309.63	4.3279	4.4623
	8	1.9558	7.5776	27.058	7.4614	310.19	4.3275	4.4651
	9	1.9558	7.5620	27.047	7.4614	309.62	4.3149	4.4637
	10	1.9558	7.5670	27.037	7.4587	310.01	4.2921	4.4585
	11	1.9558	7.5745	27.059	7.4598	310.28	4.3099	4.4669
	14	1.9558	7.5650	27.050	7.4585	310.11	4.2837	4.4658
	15	1.9558	7.5590	27.043	7.4577	310.53	4.2889	4.4718
	16	1.9558	7.5655	27.050	7.4565	311.43	4.3023	4.4765
	17	1.9558	7.5353	27.044	7.4553	310.05	4.2895	4.4776
	18	1.9558	7.5305	27.035	7.4542	310.32	4.2625	4.4718
	21	1.9558	7.5215	27.035	7.4544	310.49	4.2581	4.4688
	22	1.9558	7.5380	27.037	7.4541	312.60	4.2612	4.4703
	23	1.9558	7.5415	27.038	7.4542	313.79	4.2563	4.4655
	24	1.9558	7.5358	27.064	7.4546	314.24	4.2788	4.4669
	29	1.9558	7.5255	27.073	7.4549	314.18	4.2498	4.4645
	30	1.9558	7.5168	27.075	7.4531	314.29	4.2538	4.4623
	31	1.9558	7.5255	27.051	7.4512	314.12	4.2576	4.4718
Apr	1	1.9558	7.5105	27.030	7.4503	313.30	4.2440	4.4693
	4	1.9558	7.5115	27.046	7.4459	312.29	4.2340	4.4648
	5	1.9558	7.5110	27.036	7.4421	312.62	4.2448	4.4660
	6	1.9558	7.5100	27.029	7.4412	312.33	4.2636	4.4685
	7	1.9558	7.5105	27.025	7.4417	312.28	4.2833	4.4659
	8	1.9558	7.4960	27.022	7.4419	312.67	4.2953	4.4685
	11	1.9558	7.4875	27.026	7.4424	312.07	4.2793	4.4675
	12	1.9558	7.4890	27.030	7.4434	311.38	4.2923	4.4708
	13	1.9558	7.4660	27.036	7.4429	310.73	4.2869	4.4700
	14	1.9558	7.4822	27.028	7.4415	311.25	4.2992	4.4728
	15	1.9558	7.5005	27.025	7.4414	310.54	4.2967	4.4728
	18	1.9558	7.5050	27.022	7.4417	310.33	4.3059	4.4749
	19	1.9558	7.5005	27.021	7.4423	310.51	4.3027	4.4813
	20	1.9558	7.5023	27.021	7.4430	309.05	4.2875	4.4827
	21	1.9558	7.4870	27.024	7.4411	310.70	4.3085	4.4815
	22	1.9558	7.4900	27.046	7.4413	310.10	4.3506	4.4753
	25	1.9558	7.4818	27.047	7.4418	311.30	4.3911	4.4801
	26	1.9558	7.4785	27.027	7.4418	312.20	4.3799	4.4747
	27	1.9558	7.4773	27.034	7.4428	312.12	4.3918	4.4640
	28	1.9558	7.4800	27.045	7.4432	310.70	4.3880	4.4723
	29	1.9558	7.5110	27.038	7.4440	312.23	4.3965	4.4770
May	2	1.9558	7.5130	27.048	7.4414	310.84	4.3833	4.4815
	3	1.9558	7.5100	27.037	7.4424	311.85	4.3844	4.4879
	4	1.9558	7.5110	27.031	7.4404	312.58	4.3936	4.4920
	5	1.9558	7.5150	27.028	7.4401	312.84	4.4234	4.5035
	6	1.9558	7.5020	27.021	7.4390	313.68	4.4198	4.5005
	9	1.9558	7.4793	27.022	7.4393	315.05	4.4142	4.4905
	10	1.9558	7.5034	27.023	7.4396	314.50	4.4201	4.4885

* See Explanatory notes, p 59.

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

		Other European and non-European countries							Period
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		
9.2835	0.76100	1.5377	4.3511	1.5253	7.1605	8.4688	73.9100	2016 Feb 1	
9.3437	0.75860	1.5475	4.3565	1.5292	7.1847	8.4996	74.2325	2	
9.3580	0.75330	1.5484	4.3280	1.5234	7.1916	8.5266	74.3900	3	
9.4036	0.76595	1.5546	4.3486	1.5366	7.3691	8.7277	75.8600	4	
9.4325	0.76975	1.5583	4.3454	1.5404	7.3624	8.7231	75.7857	5	
9.4307	0.77240	1.5726	4.3245	1.5487	7.2995	8.6481	75.5245	8	
9.5142	0.77945	1.6083	4.3741	1.5623	7.3924	8.7585	76.4549	9	
9.5162	0.77328	1.5848	4.3758	1.5601	7.4007	8.7686	76.3844	10	
9.5188	0.78740	1.6018	4.4836	1.5842	7.4592	8.8406	77.6550	11	
9.4550	0.77735	1.5901	4.5087	1.5698	7.4114	8.7816	76.9418	12	
9.4862	0.77200	1.5624	4.4567	1.5454	7.2606	8.7036	76.1045	15	
9.4742	0.77580	1.5605	4.4833	1.5430	7.2741	8.6950	76.3985	16	
9.4723	0.77835	1.5629	4.4866	1.5387	7.2685	8.6764	76.2800	17	
9.4014	0.77143	1.5496	4.4527	1.5168	7.2242	8.6222	75.9461	18	
9.3838	0.77715	1.5605	4.4854	1.5274	7.2378	8.6268	75.9715	19	
9.3572	0.78243	1.5322	4.3755	1.5128	7.1909	8.5679	75.5948	22	
9.3510	0.77985	1.5202	4.3570	1.5116	7.1814	8.5480	75.4059	23	
9.3636	0.78935	1.5319	4.3793	1.5197	7.1794	8.5333	75.2885	24	
9.3808	0.78920	1.5292	4.3527	1.5025	7.2026	8.5676	75.9485	25	
9.3710	0.78745	1.5275	4.3356	1.4909	7.1954	8.5511	75.6010	26	
9.3219	0.78580	1.5260	4.3394	1.4767	7.1351	8.4651	74.3825	29	
9.3650	0.77800	1.5196	4.3519	1.4699	7.1230	8.4539	73.7700	Mar 1	
9.3385	0.77410	1.5010	4.2523	1.4595	7.1125	8.4400	73.3115	2	
9.3620	0.77435	1.4852	4.1949	1.4644	7.1298	8.4755	73.3365	3	
9.3345	0.77483	1.4859	4.0834	1.4717	7.1480	8.5192	73.5910	4	
9.3309	0.77438	1.4776	4.1228	1.4652	7.1381	8.5081	73.4825	7	
9.3728	0.77608	1.4794	4.1690	1.4695	7.1744	8.5656	74.2265	8	
9.2920	0.77135	1.4650	4.0740	1.4705	7.1466	8.5216	73.6840	9	
9.2361	0.76728	1.4522	3.9720	1.4424	7.0787	8.4299	72.6645	10	
9.3090	0.77595	1.4766	4.0401	1.4698	7.2119	8.6069	74.3170	11	
9.2810	0.77428	1.4755	4.0261	1.4737	7.2230	8.6253	74.5653	14	
9.2421	0.78358	1.4877	4.1191	1.4832	7.2336	8.6199	74.8283	15	
9.2235	0.78730	1.4911	4.2224	1.4798	7.2180	8.5875	74.3888	16	
9.2935	0.78218	1.4828	4.1438	1.4701	7.3317	8.7744	75.3790	17	
9.2773	0.77855	1.4804	4.0794	1.4627	7.3037	8.7464	74.7625	18	
9.2538	0.78303	1.4819	4.0897	1.4703	7.3028	8.7408	74.9933	21	
9.2315	0.78790	1.4751	4.0526	1.4679	7.2791	8.6942	74.7605	22	
9.2315	0.78985	1.4780	4.0600	1.4676	7.2648	8.6628	74.6175	23	
9.2688	0.78938	1.4858	4.1316	1.4821	7.2662	8.6548	74.5790	24	
9.2690	0.78450	1.4901	4.0795	1.4741	7.2873	8.6835	74.4743	29	
9.2420	0.78580	1.4766	4.1275	1.4755	7.3366	8.7810	75.1760	30	
9.2253	0.79155	1.4807	4.1174	1.4738	7.3514	8.8282	75.4298	31	
9.2413	0.79890	1.4884	4.1296	1.4894	7.3903	8.8652	75.8528	Apr 1	
9.2493	0.79738	1.4917	4.0420	1.4832	7.3696	8.8254	75.2275	4	
9.2560	0.80160	1.5085	4.1395	1.4968	7.3595	8.8164	75.5435	5	
9.2628	0.80808	1.5029	4.2000	1.4912	7.3550	8.7927	75.5780	6	
9.2575	0.80728	1.5092	4.1617	1.4906	7.3535	8.8169	75.7135	7	
9.2928	0.80730	1.5091	4.1554	1.4861	7.3570	8.8166	75.6770	8	
9.2815	0.80060	1.5060	4.0647	1.4794	7.3709	8.8321	75.7055	11	
9.2138	0.79840	1.4882	4.0034	1.4674	7.3632	8.8371	75.6680	12	
9.1760	0.79388	1.4768	3.9690	1.4666	7.3172	8.7637	75.2490	13	
9.1580	0.79560	1.4610	3.9586	1.4434	7.2970	8.7283	74.8648	14	
9.1902	0.79575	1.4648	3.9387	1.4535	7.3072	8.7527	75.1425	15	
9.1948	0.79780	1.4685	3.9606	1.4612	7.3241	8.7688	75.2740	18	
9.1773	0.78975	1.4547	4.0408	1.4418	7.3372	8.7971	75.4905	19	
9.1643	0.79100	1.4556	4.0362	1.4421	7.3578	8.8272	75.3270	20	
9.1845	0.78693	1.4496	4.0043	1.4346	7.3525	8.8088	75.2595	21	
9.1381	0.78335	1.4570	4.0218	1.4342	7.3159	8.7368	74.9425	22	
9.1570	0.77640	1.4587	4.0168	1.4286	7.3145	8.7373	75.0190	25	
9.1545	0.77483	1.4600	3.9943	1.4276	7.3345	8.7545	75.1373	26	
9.1613	0.77475	1.4885	3.9826	1.4223	7.3411	8.7671	75.1273	27	
9.1763	0.77838	1.4906	3.9907	1.4262	7.3562	8.8111	75.5310	28	
9.1689	0.78025	1.4948	3.9738	1.4286	7.3943	8.8466	75.6985	29	
9.1803	0.78248	1.5025	3.9731	1.4388	7.4418	8.9170	76.3185	May 2	
9.2305	0.79103	1.5303	4.1020	1.4559	7.5013	8.9769	76.8128	3	
9.2630	0.79284	1.5379	4.1091	1.4670	7.4789	8.9295	76.6110	4	
9.2575	0.78860	1.5266	4.0282	1.4665	7.4410	8.8775	76.0745	5	
9.2753	0.78850	1.5501	4.0650	1.4717	7.4300	8.8678	76.1410	6	
9.2730	0.78998	1.5544	3.9971	1.4743	7.4207	8.8455	75.8960	9	
9.2778	0.78760	1.5486	3.9647	1.4744	7.4130	8.8299	75.8435	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
2016 Feb	1	14,846.05	4.3000	131.99	1,310.43	4.5345	19.8811	1.6820	9.4160
	2	14,945.11	4.3161	131.84	1,322.58	4.6020	20.0265	1.6839	9.5223
	3	15,038.70	4.3320	130.58	1,329.87	4.6121	20.1098	1.6560	9.5138
	4	15,269.96	4.3790	131.49	1,336.75	4.6125	20.3101	1.6678	9.5375
	5	15,177.38	4.3415	130.71	1,333.89	4.6528	20.3988	1.6655	9.5665
	8	15,178.82	4.3215	129.11	1,343.41	4.6462	20.7145	1.6802	9.5885
	9	15,307.42	4.3655	129.07	1,356.24	4.6880	21.1922	1.7085	9.6705
	10	15,136.73	4.3589	129.42	1,340.37	4.6398	21.0652	1.6916	9.6195
	11	15,286.39	4.4151	127.30	1,362.83	4.7033	21.6064	1.6973	9.7085
	12	15,211.54	4.3761	127.07	1,359.98	4.6955	21.6852	1.6965	9.6773
	15	14,947.90	4.3482	127.60	1,352.15	4.6224	21.0910	1.6772	9.6313
	16	14,997.87	4.3662	127.02	1,358.70	4.6685	21.0457	1.6931	9.6049
	17	15,019.19	4.3471	127.10	1,368.24	4.6939	20.8655	1.6902	9.5955
	18	14,951.15	4.3306	126.17	1,362.20	4.6237	20.2110	1.6728	9.5235
	19	14,988.04	4.3410	125.40	1,368.69	4.6836	20.2927	1.6761	9.5358
	22	14,824.67	4.3086	124.85	1,351.19	4.6171	19.9350	1.6521	9.4930
	23	14,736.51	4.2965	123.12	1,353.46	4.6346	19.8974	1.6452	9.4590
	24	14,766.34	4.3112	122.86	1,359.58	4.6603	20.0815	1.6620	9.5858
	25	14,787.76	4.3015	124.01	1,366.74	4.6500	20.0011	1.6487	9.5413
	26	14,715.02	4.2930	124.42	1,360.34	4.6352	19.9233	1.6347	9.5245
	29	14,559.43	4.2556	123.14	1,347.54	4.5870	19.8005	1.6557	9.5043
Mar	1	14,500.00	4.2332	122.94	1,340.06	4.5163	19.5872	1.6475	9.4070
	2	14,445.17	4.2191	124.07	1,334.29	4.5215	19.4214	1.6404	9.4220
	3	14,427.47	4.2402	124.23	1,322.61	4.4962	19.5122	1.6257	9.4245
	4	14,409.10	4.2850	124.77	1,319.78	4.5100	19.5613	1.6223	9.3830
	7	14,337.48	4.2865	124.45	1,318.99	4.4720	19.5274	1.6221	9.3583
	8	14,494.10	4.3113	124.60	1,329.87	4.5327	19.6437	1.6302	9.4285
	9	14,452.27	4.2779	123.63	1,329.63	4.5147	19.5511	1.6192	9.3964
	10	14,168.19	4.2357	123.87	1,302.89	4.4438	19.1827	1.6277	9.2926
	11	14,484.63	4.3022	126.17	1,319.89	4.5331	19.6852	1.6578	9.4360
	14	14,504.47	4.3133	126.36	1,318.77	4.5746	19.7648	1.6591	9.4140
	15	14,638.88	4.3235	125.36	1,326.80	4.6023	19.8474	1.6709	9.4800
	16	14,679.16	4.3171	125.68	1,321.98	4.6169	19.8495	1.6809	9.5020
	17	14,749.54	4.3565	126.28	1,312.85	4.5917	19.8183	1.6555	9.4768
	18	14,754.09	4.3387	125.79	1,306.11	4.5716	19.4683	1.6550	9.4111
	21	14,874.81	4.3446	125.94	1,308.05	4.5728	19.5916	1.6645	9.4428
	22	14,772.93	4.3194	125.13	1,302.05	4.4882	19.5680	1.6626	9.4470
	23	14,760.87	4.2938	126.01	1,300.58	4.4673	19.4942	1.6676	9.4863
	24	14,781.84	4.2753	125.41	1,302.21	4.4956	19.7076	1.6645	9.4940
	29	14,957.16	4.2886	127.13	1,306.67	4.4712	19.5809	1.6597	9.4839
	30	15,004.12	4.2899	127.37	1,293.67	4.4502	19.5281	1.6356	9.4300
	31	15,024.84	4.2950	127.90	1,294.88	4.4078	19.5903	1.6411	9.4145
Apr	1	15,007.54	4.3182	128.07	1,315.78	4.4382	19.8996	1.6518	9.4401
	4	14,961.75	4.3079	126.97	1,308.19	4.4317	19.7227	1.6605	9.4359
	5	15,035.79	4.3230	125.81	1,317.17	4.4635	19.9963	1.6780	9.4995
	6	15,025.07	4.3296	125.13	1,318.35	4.4660	20.1485	1.6705	9.4760
	7	14,955.02	4.3087	123.15	1,318.10	4.4705	20.1779	1.6731	9.4546
	8	14,936.66	4.3006	123.36	1,310.43	4.4433	20.2108	1.6757	9.4183
	11	14,956.00	4.3075	123.28	1,306.55	4.4307	20.1924	1.6669	9.3809
	12	14,917.84	4.2923	123.44	1,302.88	4.4273	20.0248	1.6540	9.3515
	13	14,867.17	4.2697	123.47	1,298.14	4.3852	19.8238	1.6337	9.3113
	14	14,844.32	4.2642	123.09	1,298.53	4.3737	19.6655	1.6395	9.2640
	15	14,862.67	4.2675	122.91	1,295.12	4.4085	19.7927	1.6334	9.3044
	18	14,890.95	4.2702	122.32	1,299.62	4.4404	19.9043	1.6303	9.3325
	19	14,858.20	4.2746	124.10	1,277.28	4.3700	19.5947	1.6127	9.2578
	20	14,973.62	4.2766	124.20	1,285.04	4.3950	19.7060	1.6231	9.2336
	21	14,903.44	4.2705	124.50	1,286.36	4.4105	19.6232	1.6262	9.2015
	22	14,871.07	4.2401	124.86	1,287.41	4.3943	19.6823	1.6364	9.2443
	25	14,864.34	4.2447	124.95	1,291.46	4.3982	19.8036	1.6399	9.2735
	26	14,917.56	4.2484	125.45	1,299.14	4.4279	19.7889	1.6417	9.2278
	27	14,915.43	4.2542	125.79	1,299.53	4.4318	19.6578	1.6504	9.2013
	28	14,977.23	4.2697	122.84	1,295.54	4.4251	19.6713	1.6287	9.2460
	29	15,034.86	4.2666	122.34	1,301.53	4.4546	19.5570	1.6357	9.2150
May	2	15,125.45	4.3056	122.47	1,307.85	4.4875	19.6826	1.6368	9.2330
	3	15,276.83	4.3376	122.53	1,323.75	4.5735	20.1460	1.6572	9.3090
	4	15,320.06	4.3407	122.62	1,338.14	4.6120	20.4573	1.6669	9.3410
	5	15,260.95	4.3221	122.51	1,333.95	4.5819	20.2155	1.6577	9.2985
	6	15,276.76	4.3191	122.23	1,339.64	4.5845	20.5185	1.6702	9.3513
	9	15,135.96	4.3089	123.39	1,337.36	4.5854	20.4320	1.6746	9.3330
	10	15,138.32	4.3042	124.12	1,334.99	4.6196	20.6230	1.6884	9.3520

* 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	
51.932	82.9655	1.5500	17.5019	1.1096	38.760	3.2269	1.0884	2016 Feb 1
52.256	86.3711	1.5586	17.5788	1.1147	39.035	3.2237	1.0919	2
52.370	85.9910	1.5631	17.6950	1.1115	39.199	3.2138	1.0933	3
53.366	86.0790	1.5720	17.7670	1.1169	39.952	3.2500	1.1206	4
53.271	86.0050	1.5636	17.7584	1.1101	39.778	3.2498	1.1202	5
53.084	85.8419	1.5640	17.9885	1.1051	39.459	3.2721	1.1101	8
53.641	88.3952	1.5767	18.1960	1.0997	39.829	3.3154	1.1236	9
53.388	88.5600	1.5674	17.8379	1.0960	39.793	3.2945	1.1257	10
53.953	90.8866	1.5774	17.9877	1.1027	39.995	3.3217	1.1347	11
53.561	89.5851	1.5756	17.9194	1.0989	40.139	3.3030	1.1275	12
53.000	86.3193	1.5643	17.6114	1.1009	39.818	3.2908	1.1180	15
53.050	86.4489	1.5656	17.5669	1.1018	39.790	3.3023	1.1166	16
53.039	85.1875	1.5703	17.4320	1.1034	39.678	3.2961	1.1136	17
52.695	83.4772	1.5564	17.0657	1.1028	39.422	3.2884	1.1084	18
52.843	85.1924	1.5617	17.1380	1.1017	39.668	3.2903	1.1096	19
52.517	83.4916	1.5469	16.8486	1.1008	39.418	3.2512	1.1026	22
52.397	82.7990	1.5484	16.6401	1.0921	39.321	3.2298	1.1002	23
52.346	84.6894	1.5478	17.0655	1.0914	39.213	3.2336	1.0981	24
52.532	83.9575	1.5463	17.1657	1.0935	39.322	3.2248	1.1027	25
52.276	83.0450	1.5428	17.2528	1.0929	39.236	3.2347	1.1006	26
51.615	82.6432	1.5325	17.4563	1.0914	38.827	3.2273	1.0888	29
51.341	80.2270	1.5238	17.2024	1.0860	38.709	3.2089	1.0872	Mar 1
51.327	80.0729	1.5226	17.0097	1.0845	38.615	3.1903	1.0856	2
51.211	80.0845	1.5158	17.1245	1.0840	38.677	3.1920	1.0901	3
51.325	80.1674	1.5150	17.1275	1.0898	38.823	3.2027	1.0970	4
51.383	78.7226	1.5138	16.8358	1.0962	38.785	3.2014	1.0953	7
51.773	79.0929	1.5259	16.9485	1.0952	39.028	3.2180	1.1028	8
51.417	78.7670	1.5171	16.8748	1.0978	38.724	3.1902	1.0973	9
50.581	76.4370	1.5013	16.3640	1.0941	38.314	3.1292	1.0857	10
51.565	77.4590	1.5271	16.9023	1.0948	38.937	3.1888	1.1090	11
51.785	78.5889	1.5281	17.1243	1.0969	38.961	3.2049	1.1119	14
51.915	78.7265	1.5324	17.6117	1.0954	39.004	3.2128	1.1109	15
51.752	78.6080	1.5315	17.9375	1.0960	38.800	3.2362	1.1064	16
52.385	77.3560	1.5314	17.4138	1.0959	39.351	3.2366	1.1311	17
52.351	76.0498	1.5277	17.2024	1.0919	39.296	3.2218	1.1279	18
52.296	76.7226	1.5324	17.2448	1.0916	39.370	3.2325	1.1271	21
51.922	76.2330	1.5260	17.1950	1.0887	39.164	3.2260	1.1212	22
51.848	75.8478	1.5280	17.1475	1.0894	39.311	3.2111	1.1171	23
51.766	77.7413	1.5268	17.2854	1.0875	39.407	3.2110	1.1154	24
51.869	76.7345	1.5311	17.3156	1.0915	39.672	3.2109	1.1194	29
52.056	76.7842	1.5311	16.9129	1.0913	39.894	3.2140	1.1324	30
52.284	76.3051	1.5304	16.7866	1.0931	40.018	3.2118	1.1385	31
52.615	77.5430	1.5389	16.8758	1.0946	40.115	3.2285	1.1432	Apr 1
52.562	77.1535	1.5373	16.6800	1.0919	40.080	3.1952	1.1380	4
52.593	78.4507	1.5430	17.0187	1.0892	40.103	3.2165	1.1367	5
52.456	77.8058	1.5373	17.2805	1.0887	40.010	3.2343	1.1336	6
52.579	77.3719	1.5369	17.3170	1.0884	40.024	3.2421	1.1364	7
52.469	76.5414	1.5335	17.1222	1.0874	39.884	3.2415	1.1363	8
52.552	76.0574	1.5341	16.7955	1.0877	39.956	3.2240	1.1390	11
52.517	75.6167	1.5354	16.7396	1.0874	39.943	3.2274	1.1396	12
52.065	74.2708	1.5265	16.6342	1.0887	39.611	3.2259	1.1298	13
51.982	74.2429	1.5346	16.3938	1.0878	39.506	3.2203	1.1252	14
52.051	75.0125	1.5330	16.4424	1.0919	39.584	3.2212	1.1284	15
52.253	76.7591	1.5328	16.5061	1.0916	39.605	3.2251	1.1306	18
52.290	74.4242	1.5197	16.2034	1.0922	39.587	3.2136	1.1343	19
52.626	74.6465	1.5246	16.1623	1.0939	39.656	3.2011	1.1379	20
52.822	73.8545	1.5252	16.0999	1.0989	39.743	3.1962	1.1355	21
52.658	74.2513	1.5211	16.1846	1.0991	39.432	3.1886	1.1263	22
52.808	74.6713	1.5215	16.3141	1.0973	39.499	3.2074	1.1264	25
52.864	74.8948	1.5280	16.3492	1.1000	39.708	3.1951	1.1287	26
52.973	73.7837	1.5251	16.3510	1.0998	39.707	3.1908	1.1303	27
53.309	73.5195	1.5273	16.3328	1.0974	39.804	3.1963	1.1358	28
53.504	73.2286	1.5311	16.1567	1.0984	39.819	3.1934	1.1403	29
54.068	74.4081	1.5410	16.3027	1.0999	40.076	3.2080	1.1493	May 2
54.425	76.9498	1.5574	16.7316	1.0977	40.422	3.2718	1.1569	3
54.352	75.9560	1.5605	17.0072	1.0993	40.377	3.2893	1.1505	4
54.171	75.0559	1.5531	17.0751	1.1018	40.191	3.3166	1.1439	5
53.884	75.9135	1.5526	17.0959	1.1070	40.189	3.3363	1.1427	6
53.832	75.1908	1.5572	17.2127	1.1053	40.059	3.3446	1.1395	9
53.126	75.6404	1.5577	17.3215	1.1079	40.074	3.3450	1.1375	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
2011 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	0.80371	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
Aug	1.9558	7.5578	27.041	7.4627	311.61	4.1953	4.4235	9.5155	0.71423	1.5269
Sep	1.9558	7.5890	27.089	7.4610	313.14	4.2176	4.4236	9.3924	0.73129	1.5900
Oct	1.9558	7.6208	27.105	7.4601	311.27	4.2508	4.4227	9.3485	0.73287	1.5586
Nov	1.9558	7.6074	27.039	7.4602	312.27	4.2494	4.4453	9.3133	0.70658	1.5011
Dec	1.9558	7.6397	27.027	7.4612	314.40	4.2900	4.5033	9.2451	0.72595	1.5009
2016 Jan	1.9558	7.6582	27.027	7.4619	314.68	4.4074	4.5311	9.2826	0.75459	1.5510
Feb	1.9558	7.6355	27.040	7.4628	310.37	4.3970	4.4814	9.4105	0.77559	1.5556
Mar	1.9558	7.5593	27.051	7.4569	311.15	4.2932	4.4666	9.2848	0.78020	1.4823
Apr	1.9558	7.4947	27.031	7.4427	311.46	4.3106	4.4724	9.2027	0.79230	1.4802

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

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	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR			Period
2.3131	1.3885	9.3198	11.1551	64.4735	12,290.33	4.9740	116.47	1,555.99	4.3272			2011 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
3.9118	1.4637	7.0626	8.6358	72.5361	15,370.92	4.2836	137.12	1,313.48	4.5297			Aug
4.3666	1.4882	7.1462	8.6966	74.2990	16,175.76	4.3917	134.85	1,329.94	4.8286			Sep
4.3599	1.4685	7.1346	8.7073	73.1116	15,482.55	4.3414	134.84	1,286.06	4.7818			Oct
4.0601	1.4248	6.8398	8.3211	71.0406	14,685.99	4.1760	131.60	1,239.19	4.6328			Nov
4.2145	1.4904	7.0193	8.4307	72.3851	15,087.43	4.2199	132.36	1,277.56	4.6615			Dec
4.4021	1.5447	7.1393	8.4509	73.2036	15,069.76	4.2903	128.32	1,307.56	4.7162			2016 Jan
4.3953	1.5317	7.2658	8.6333	75.7172	14,985.33	4.3336	127.35	1,349.77	4.6411			Feb
4.1195	1.4697	7.2220	8.6152	74.3018	14,629.58	4.2927	125.39	1,314.89	4.5167			Mar
4.0374	1.4559	7.3461	8.7954	75.3823	14,932.22	4.2812	124.29	1,300.58	4.4232			Apr

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
2011 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
Aug	18.4333	1.7001	9.1815	51.536	73.3597	1.5573	14.3821	1.0777	39.465	3.1826	1.1139
Sep	18.8821	1.7714	9.3075	52.456	74.8040	1.5879	15.3065	1.0913	40.426	3.3835	1.1221
Oct	18.6216	1.6794	9.2892	52.070	70.9490	1.5731	15.1579	1.0882	40.092	3.2887	1.1235
Nov	17.8605	1.6365	9.2572	50.537	69.7899	1.5181	15.1743	1.0833	38.432	3.0849	1.0736
Dec	18.5500	1.6133	9.4642	51.337	76.3576	1.5321	16.3210	1.0827	39.162	3.1800	1.0877
2016 Jan	19.6039	1.6654	9.5899	51.654	83.8638	1.5561	17.7592	1.0941	39.249	3.2713	1.0860
Feb	20.4826	1.6732	9.5628	52.816	85.6158	1.5596	17.4987	1.1018	39.507	3.2638	1.1093
Mar	19.5943	1.6481	9.4300	51.722	77.9394	1.5247	17.1222	1.0920	39.089	3.2072	1.1100
Apr	19.8402	1.6458	9.3224	52.598	75.4333	1.5308	16.5695	1.0930	39.780	3.2135	1.1339

* 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 Bulgarian lev BGN	Croatia Kuna HRK 1	Cyprus Cyprus pound CYP 2	Czech Republic Czech koruna CZK	Denmark Danish krone DKK	Estonia Estonian kroon EEK 2	Hungary Hungarian forint HUF	Latvia Latvian lats LVL 2	Lithuania Lithuanian litas LTL 2
End of year									
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
2015	1.9558	7.6380	–	27.023	7.4626	–	315.98	–	–
Annual averages +									
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
2015	1.9558	7.6137	–	27.279	7.4587	–	310.00	–	–

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 2	Polish zloty PLN	Romanian leu (old)/(new) ROL/RON 3	Slovak koruna SKK 2	Slovenian tolar SIT 2	Swedish krona SEK	Pound sterling GBP	Australian dollar AUD	Brazilian real BRL 4	Canadian dollar CAD		
End of year											
2002	0.4182	4.0210	35,135	41.503	230.1577	9.1528	0.65050	1.8556	3.7124	1.6550	
2003	0.4317	4.7019	41,158	41.170	236.7000	9.0800	0.70480	1.6802	3.6698	1.6234	
2004	0.4343	4.0845	39,390	38.745	239.7600	9.0206	0.70500	1.7459	3.6201	1.6416	
2005	0.4293	3.8600	3	3.6802	37.880	239.5000	9.3885	0.68530	1.6109	2.7462	1.3725
2006	0.4293	3.8310	3.3835	34.435	239.6400	9.0404	0.67150	1.6691	2.8141	1.5281	
2007	0.4293	3.5935	3.6077	33.583	–	9.4415	0.73335	1.6757	2.5914	1.4449	
2008	–	4.1535	4.0225	30.126	–	10.8700	0.95250	2.0274	3.2436	1.6998	
2009	–	4.1045	4.2363	–	–	10.2520	0.88810	1.6008	2.5113	1.5128	
2010	–	3.9750	4.2620	–	–	8.9655	0.86075	1.3136	2.2177	1.3322	
2011	–	4.4580	4.3233	–	–	8.9120	0.83530	1.2723	2.4159	1.3215	
2012	–	4.0740	4.4445	–	–	8.5820	0.81610	1.2712	2.7036	1.3137	
2013	–	4.1543	4.4710	–	–	8.8591	0.83370	1.5423	3.2576	1.4671	
2014	–	4.2732	4.4828	–	–	9.3930	0.77890	1.4829	3.2207	1.4063	
2015	–	4.2639	4.5240	–	–	9.1895	0.73395	1.4897	4.3117	1.5116	
Annual averages +											
2002	0.4089	3.8574	31,270	42.694	225.9772	9.1611	0.62883	1.7376	2.7896	1.4838	
2003	0.4261	4.3996	37,551	41.489	233.8493	9.1242	0.69199	1.7379	3.4701	1.5817	
2004	0.4280	4.5268	40,510	40.022	239.0874	9.1243	0.67866	1.6905	3.6362	1.6167	
2005	0.4299	4.0230	3	3.6209	38.599	239.5681	9.2822	0.68380	1.6320	3.0360	1.5087
2006	0.4293	3.8959	3.5258	37.234	239.5961	9.2544	0.68173	1.6668	2.7333	1.4237	
2007	0.4293	3.7837	3.3353	33.775	–	9.2501	0.68434	1.6348	2.6633	1.4678	
2008	–	3.5121	3.6826	31.262	–	9.6152	0.79628	1.7416	2.6737	1.5594	
2009	–	4.3276	4.2399	–	–	10.6191	0.89094	1.7727	2.7674	1.5850	
2010	–	3.9947	4.2122	–	–	9.5373	0.85784	1.4423	2.3314	1.3651	
2011	–	4.1206	4.2391	–	–	9.0298	0.86788	1.3484	2.3265	1.3761	
2012	–	4.1847	4.4593	–	–	8.7041	0.81087	1.2407	2.5084	1.2842	
2013	–	4.1975	4.4190	–	–	8.6515	0.84926	1.3777	2.8687	1.3684	
2014	–	4.1843	4.4437	–	–	9.0985	0.80612	1.4719	3.1211	1.4661	
2015	–	4.1841	4.4454	–	–	9.3535	0.72584	1.4777	3.7004	1.4186	

* 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 Accession to the euro area, see p 7 (Table I 1). 3 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. 4 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	Icelandic krona ISK ²	Indian rupee INR ³	Indonesian rupiah IDR ¹	New Israeli shekel ILS ⁴	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR ¹	Mexican peso MXN ⁵
End of year										
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	² –	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
2015	7.0608	8.4376	–	72.0215	15,039.99	4.2481	131.07	1,280.78	4.6959	18.9145
Annual averages +										
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	² 143.83	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	13,857.50	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
2015	6.9733	8.6014	–	71.1956	14,870.39	4.3122	134.31	1,256.54	4.3373	17.6157

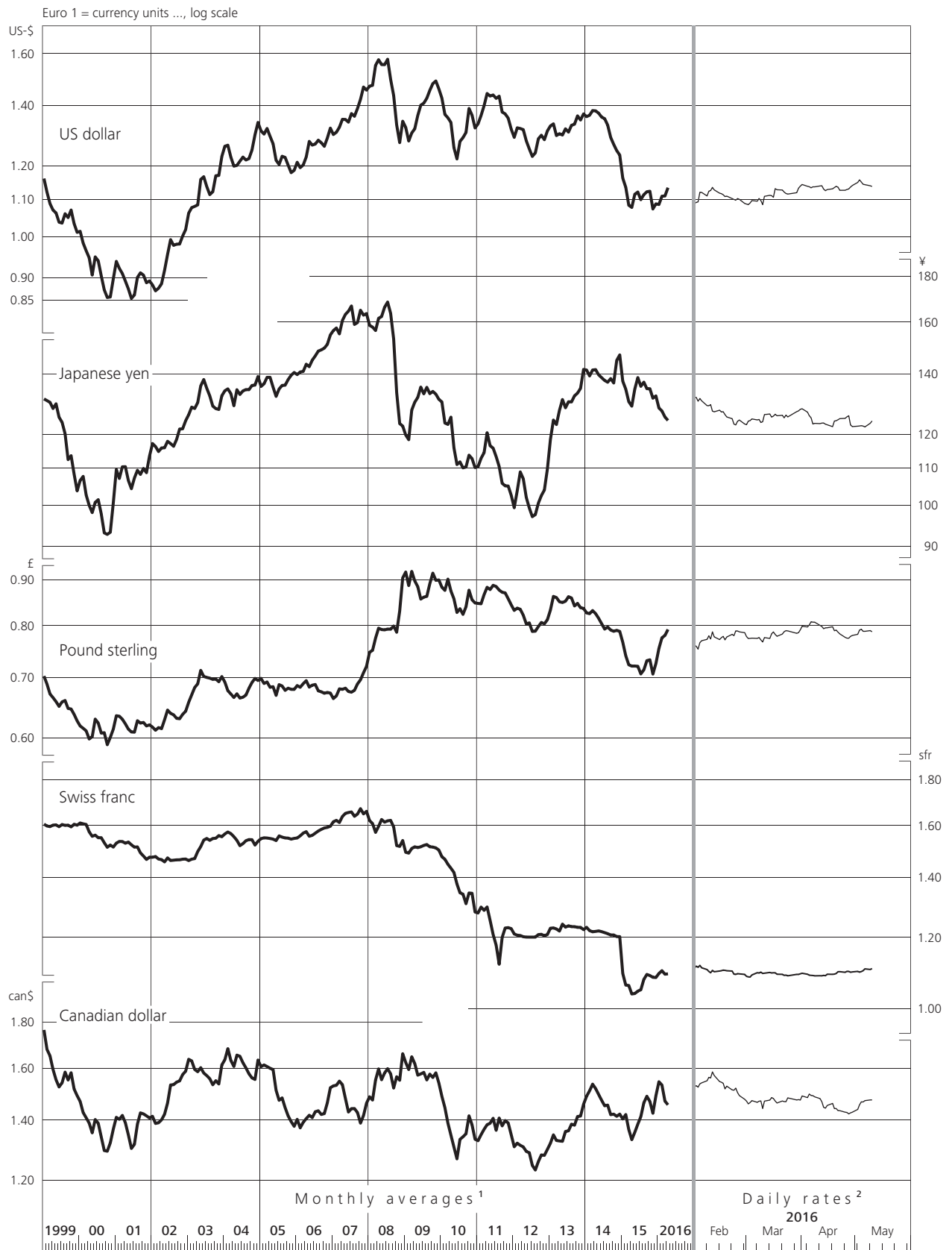
Other European and non-European countries (cont'd)										
	New Zealand	Norway	Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United States
Period	New Zealand dollar NZD	Norwegian krone NOK	Philippine peso PHP ¹	Russian rouble RUB ¹	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB ¹	Turkish lira / New Turkish lira TRL / TRY ⁶	US dollar USD
End of year										
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	⁶ 1,5924	1.1797
2006	1.8725	8.2380	64.546	34.6800	2.0202	9.2124	1.6069	46.770	1,8640	1.3170
2007	1.9024	7.9580	60.724	35.9860	2.1163	10.0298	1.6547	43.800	1,7170	1.4721
2008	2.4191	9.7500	65.930	41.2830	2.0040	13.0667	1.4850	48.285	2,1488	1.3917
2009	1.9803	8.3000	66.507	43.1540	2.0194	10.6660	1.4836	47.986	2,1547	1.4406
2010	1.7200	7.8000	58.300	40.8200	1.7136	8.8625	1.2504	40.170	2,0694	1.3362
2011	1.6737	7.7540	56.754	41.7650	1.6819	10.4830	1.2156	40.991	2,4432	1.2939
2012	1.6045	7.3483	54.107	40.3295	1.6111	11.1727	1.2072	40.347	2,3551	1.3194
2013	1.6762	8.3630	61.289	45.3246	1.7414	14.5660	1.2276	45.178	2,9605	1.3791
2014	1.5525	9.0420	54.436	72.3370	1.6058	14.0353	1.2024	39.910	2,8320	1.2141
2015	1.5923	9.6030	50.999	80.6736	1.5417	16.9530	1.0835	39.248	3,1765	1.0887
Annual averages +										
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	⁶ 1,6771	1.2441
2006	1.9373	8.0472	64.379	34.1117	1.9941	8.5312	1.5729	47.594	1,8090	1.2556
2007	1.8627	8.0165	63.026	35.0183	2.0636	9.6596	1.6427	44.214	1,7865	1.3705
2008	2.0770	8.2237	65.172	36.4207	2.0762	12.0590	1.5874	48.475	1,9064	1.4708
2009	2.2121	8.7278	66.338	44.1376	2.0241	11.6737	1.5100	47.804	2,1631	1.3948
2010	1.8377	8.0043	59.739	40.2629	1.8055	9.6984	1.3803	42.014	1,9965	1.3257
2011	1.7600	7.7934	60.260	40.8846	1.7489	10.0970	1.2326	42.429	2,3378	1.3920
2012	1.5867	7.4751	54.246	39.9262	1.6055	10.5511	1.2053	39.928	2,3135	1.2848
2013	1.6206	7.8067	56.428	42.3370	1.6619	12.8330	1.2311	40.830	2,5335	1.3281
2014	1.5995	8.3544	58.979	50.9518	1.6823	14.4037	1.2146	43.147	2,9065	1.3285
2015	1.5930	8.9496	50.522	68.0720	1.5255	14.1723	1.0679	38.028	3,0255	1.1095

* 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 The ECB has not fixed a euro foreign exchange reference rate for the Icelandic krona since 4 December 2008. ³ Up to December

2008, ECB indicative rates. ⁴ Up to December 2010, ECB indicative rates. ⁵ Up to December 2007, ECB indicative rates. ⁶ 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: April 2016. ² Last updated: 10 May 2016.

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 ²	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	85.7	91.9	90.9	
2001	87.8	87.1	90.5	86.9	92.9	98.1	86.8	91.4	90.8	
2002	90.1	90.2	95.0	90.5	93.5	96.9	89.6	91.9	91.8	
2003	100.7	101.3	106.9	101.4	97.1	95.7	99.2	96.5	96.8	
2004	104.5	105.0	111.5	105.1	98.5	95.4	103.0	98.0	98.4	
2005	102.9	103.6	109.5	102.6	98.5	95.2	103.4	96.9	96.7	
2006	102.8	103.5	109.4	101.9	98.6	94.9	104.3	96.5	95.9	
2007	106.3	106.3	112.9	103.9	100.9	95.2	109.9	97.9	97.1	
2008	109.4	108.4	117.1	105.9	102.2	94.6	115.0	97.9	97.2	
2009	110.8	109.1	120.0	106.9	101.8	94.5	113.9	98.0	97.6	
2010	103.6	101.3	111.5	97.9	98.8	94.1	106.1	93.6	92.1	
2011	103.3	100.3	112.2	97.3	98.2	93.7	105.1	92.8	91.4	
2012	97.6	95.0	107.0	92.5	95.9	93.2	99.8	89.8	88.3	
2013	101.2	98.2	111.9	95.6	98.3	93.3	106.3	91.6	90.3	
2014	101.8	97.9	114.7	96.2	98.5	93.6	106.2	91.8	91.0	
2015	92.4	88.4	106.5	p 87.9	94.7	93.6	95.9	86.9	p 86.4	
2012 June	97.0	94.4	106.6	92.1	95.5	93.3	98.6	89.5	88.2	
July	95.2	92.8	104.3	90.3	94.8	93.2	96.9	88.5	87.0	
Aug	95.0	92.6	104.4	90.3	94.9	93.2	97.1	88.5	87.0	
Sep	97.0	94.6	106.6	92.2	95.6	93.2	99.1	89.5	88.1	
Oct	97.6	95.1	107.3	92.6	95.8	92.9	99.9	89.6	88.2	
Nov	97.0	94.4	106.7	91.9	95.8	93.0	99.7	89.4	87.9	
Dec	98.4	95.8	108.2	93.2	96.4	93.0	101.5	90.0	88.6	
2013 Jan	100.1	97.4	109.8	94.4	97.4	93.1	104.1	91.0	89.5	
Feb	101.3	98.3	111.0	95.2	98.0	93.1	105.7	91.5	89.9	
Mar	99.8	97.1	109.2	93.8	97.5	93.1	104.4	90.8	89.1	
Apr	100.0	97.0	109.5	93.7	97.9	93.3	105.1	91.0	89.3	
May	100.1	97.3	109.7	94.0	98.1	93.3	105.7	91.1	89.4	
June	101.1	98.3	111.8	95.7	98.3	93.3	106.2	91.7	90.4	
July	101.0	98.2	111.8	95.6	98.6	93.4	106.7	91.7	90.5	
Aug	101.7	98.8	113.3	96.8	98.6	93.3	107.0	91.9	90.9	
Sep	101.6	98.4	113.2	96.5	98.5	93.3	106.7	91.7	90.9	
Oct	102.5	99.1	114.1	96.9	98.9	93.4	107.7	92.1	91.2	
Nov	102.2	98.8	114.1	96.8	98.8	93.5	107.4	92.1	91.2	
Dec	103.4	100.0	115.7	98.1	99.3	93.5	108.7	92.8	92.0	
2014 Jan	103.0	99.5	115.8	98.0	99.2	93.5	108.2	92.5	92.0	
Feb	103.2	99.6	116.3	98.3	99.0	93.4	107.9	92.6	92.1	
Mar	104.3	100.6	117.5	99.1	99.3	93.4	108.7	93.1	92.5	
Apr	104.2	100.4	117.0	98.5	99.2	93.5	108.3	93.1	92.3	
May	103.6	99.5	116.1	97.4	98.8	93.5	107.3	92.6	91.6	
June	102.7	98.7	115.1	96.6	98.7	93.6	106.6	92.3	91.3	
July	102.3	98.2	114.7	96.1	98.7	93.8	106.3	92.2	91.1	
Aug	101.5	97.5	114.0	95.5	98.4	93.7	105.6	91.8	90.8	
Sep	99.9	95.9	112.3	94.0	98.0	93.8	104.5	91.0	89.9	
Oct	99.1	95.0	111.8	93.3	97.6	93.6	103.5	90.4	89.5	
Nov	99.0	94.9	111.9	93.3	97.7	93.6	103.9	90.3	89.5	
Dec	99.0	94.8	113.1	94.0	97.6	93.6	103.8	90.3	89.9	
2015 Jan	95.2	91.1	108.9	90.2	95.7	93.5	98.6	88.2	87.6	
Feb	93.3	89.5	107.0	88.8	95.2	93.7	97.1	87.5	86.9	
Mar	90.6	86.9	103.8	86.0	94.2	93.7	94.5	86.1	85.3	
Apr	89.7	86.1	102.4	84.8	94.0	93.7	94.0	85.7	84.6	
May	91.6	87.9	104.7	86.6	94.6	93.7	95.6	86.6	85.7	
June	92.3	88.5	106.0	87.6	94.7	93.5	96.1	86.9	86.2	
July	91.3	87.5	105.1	86.7	94.3	93.5	95.0	86.3	85.7	
Aug	93.0	89.0	108.1	89.1	94.9	93.6	96.4	87.2	87.1	
Sep	93.8	89.7	109.6	90.2	95.1	93.6	97.1	87.6	87.8	
Oct	93.6	89.6	109.0	89.7	95.1	93.6	97.0	87.6	87.5	
Nov	91.1	87.1	106.0	p 86.9	94.1	93.6	94.3	86.3	p 85.9	
Dec	92.5	88.3	108.0	p 88.4	94.3	93.3	95.2	86.7	p 86.6	
2016 Jan	93.6	p 89.1	109.9	p 89.6	94.5	93.4	95.7	p 87.1	p 87.4	
Feb	94.7	p 90.1	111.3	p 91.0	p 94.9	p 93.3	96.9	p 87.6	p 87.9	
Mar	94.1	p 89.6	110.0	p 90.0	p 95.0	p 93.5	p 96.8	p 87.5	p 87.4	
Apr	94.8	p 90.2	110.6	p 90.3	p 95.3	p 93.5	p 97.6	p 87.9	p 87.7	

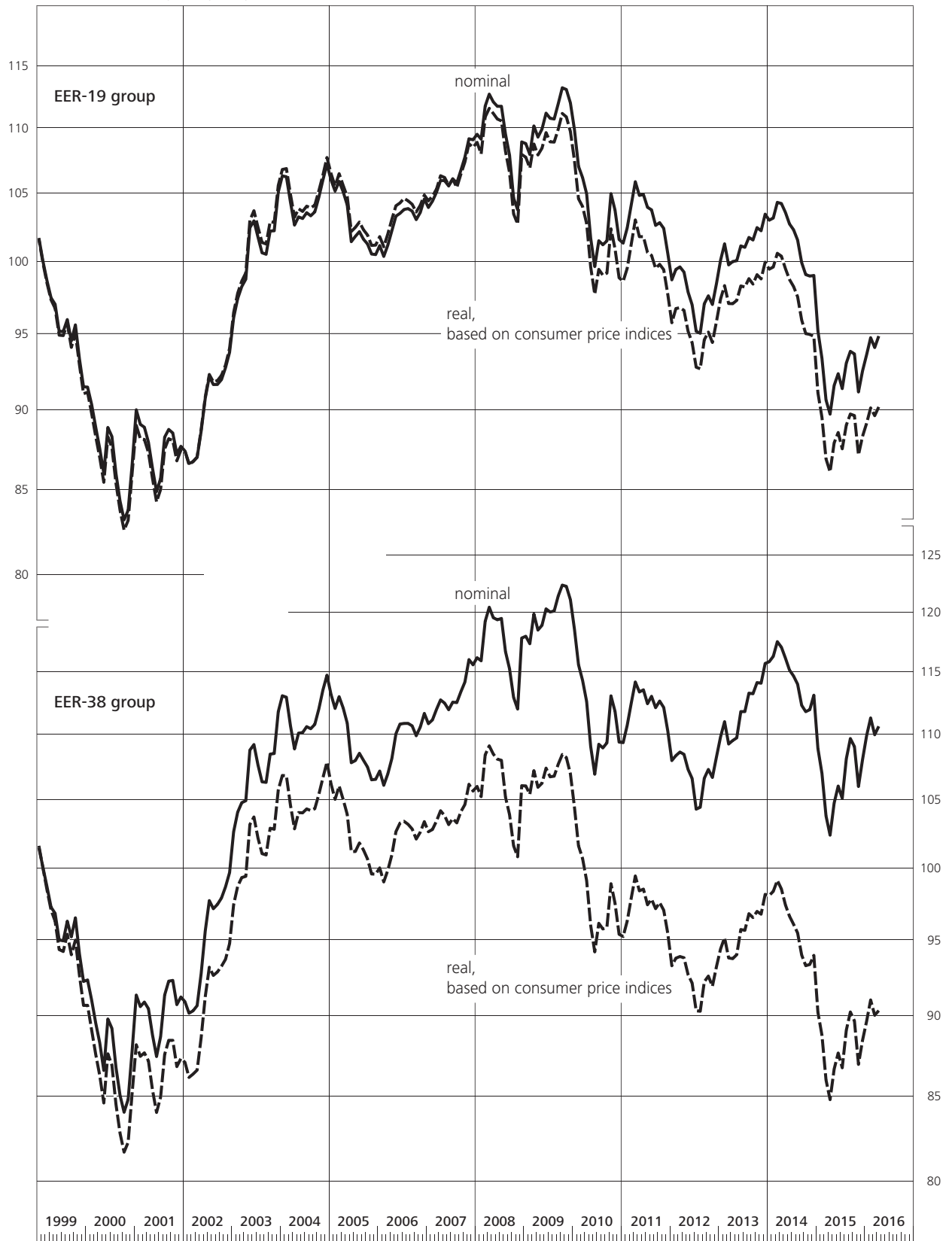
* See Explanatory notes, p 59. ¹ Source: ECB. ² Data for Argentina are currently not available due to the state of emergency in the national statistical system declared by the government of Argentina on 7 January 2016. As a consequence, Argentina is not

included in the calculation of the EER-38 CPI deflated series from February 2016. The policy regarding the inclusion of Argentina will be reconsidered in the future depending on further developments.

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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Afghanistan							
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 61.7100	AFN 68.5800	AFN 68.6100	AFN 68.3200
		S	USD 1 =	AFN 61.8100	AFN 68.6800	AFN 68.7100	AFN 68.4200
	AFN	B	EUR 1 =	AFN 67.8475	AFN 74.5800	AFN 76.9600	AFN 77.7200
		S	EUR 1 =	AFN 68.1075	AFN 74.8400	AFN 77.2200	AFN 77.9800
Albania							
Tirana 070	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 126.18	ALL 126.59	ALL 122.26	ALL 121.56
		M	EUR 1 =	ALL 139.77	ALL 138.24	ALL 138.77	ALL 138.29
Algeria							
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 100.8401	DZD 108.7555	DZD 108.4611	DZD 109.0673
		S	USD 1 =	DZD 100.8551	DZD 108.7705	DZD 108.4761	DZD 109.0823
	DZD	B	EUR 1 =	DZD 111.6833	DZD 118.3369	DZD 123.5372	DZD 124.2386
		S	EUR 1 =	DZD 111.7210	DZD 118.3967	DZD 123.5977	DZD 124.2884
Angola							
Luanda 330	Kwanza = 100 cêntimos	B	USD 1 =	AOA 120.413	AOA 158.154	AOA 159.869	AOA 165.056
		S	USD 1 =	AOA 121.617	AOA 159.736	AOA 161.468	AOA 166.707
	AOA	B	EUR 1 =	AOA 132.888	AOA 176.739	AOA 178.655	AOA 184.452
		S	EUR 1 =	AOA 134.187	AOA 178.474	AOA 180.408	AOA 186.261
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 2.9826	XCD 2.9269	XCD 3.0605	XCD 3.0654
		V, S	EUR 1 =	XCD 3.0144	XCD 2.9582	XCD 3.0932	XCD 3.0981
Argentina							
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 9.1681	ARS 15.7000	ARS 14.6000	ARS 14.1500
		S	USD 1 =	ARS 9.2681	ARS 15.8000	ARS 14.7000	ARS 14.2500
	ARS	B	EUR 1 =	ARS 10.1654	ARS 17.0533	ARS 16.6075	ARS 16.1706
		S	EUR 1 =	ARS 10.3014	ARS 17.2015	ARS 16.7580	ARS 16.3205
Armenia							
Yerevan 077	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 478.20	AMD 491.34	AMD 480.79	AMD 478.61
		M	EUR 1 =	AMD 530.02	AMD 535.86	AMD 546.47	AMD 544.75
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 196.73	AWG 197.50	AWG 202.77	AWG 203.09
		S	EUR 100 =	AWG 198.70	AWG 199.48	AWG 204.81	AWG 205.13

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. 1 Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.7508	USD 0.7140	USD 0.7657	USD 0.7655
		M	AUD 1 =	EUR 0.6763	EUR 0.6530	EUR 0.6765	EUR 0.6721
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403
Azerbaijan							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 1.0371	AZN 1.5655	AZN 1.5421	AZN 1.5072
		M	EUR 1 =	AZN 1.1488	AZN 1.7118	AZN 1.7453	AZN 1.7174
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
		V, B	EUR 1 =	BSD 1.07177	BSD 1.08336	BSD 1.13281	BSD 1.13460
		V, S	EUR 1 =	BSD 1.13418	BSD 1.10241	BSD 1.15273	BSD 1.15455
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 0.4038078	BHD 0.3986409	BHD 0.4157129	BHD 0.4167023
		S	EUR 1 =	BHD 0.4287856	BHD 0.4232991	BHD 0.4414271	BHD 0.4424777
Bangladesh 1							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 77.4375	BDT 77.9500	BDT 77.9000	BDT 77.9000
		S	USD 1 =	BDT 78.4275	BDT 78.9400	BDT 78.8900	BDT 78.8900
		B	EUR 1 =	BDT 84.4481	BDT 83.9537	BDT 86.8861	BDT 86.8077
		S	EUR 1 =	BDT 87.7842	BDT 87.5437	BDT 90.4761	BDT 90.3977
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 2.19772	BBD 2.17633	BBD 2.25757	BBD 2.26932
		S	EUR 1 =	BBD 2.23892	BBD 2.21713	BBD 2.29989	BBD 2.31186
Belarus							
Minsk 073	Belarusian rouble BYR	M	USD 1 =	BYR 16,085.75	BYR 21,482.00	BYR 20,133.00	BYR 19,382.00
		M	EUR 1 =	BYR 17,823.83	BYR 23,650.00	BYR 22,779.00	BYR 22,002.00

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. 1 Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403
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 2.1913	BZD 2.1581	BZD 2.2591	BZD 2.2676
			EUR 1 =	BZD 2.2300	BZD 2.1963	BZD 2.2989	BZD 2.3076
Benin ¹							
Porto-Novo Seat of Government: Cotonou 284	CFA franc XOF	V 2	USD 1 =	XOF 591.219	XOF 602.459	XOF 576.159	XOF 575.249
			EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Bermuda							
Hamilton 413	Bermudian dollar = 100 cents BMD	B S	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
			USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
		V, B V, S	EUR 1 =	BMD 1.1051	BMD 1.0844	BMD 1.1339	BMD 1.1357
			EUR 1 =	BMD 1.1143	BMD 1.0935	BMD 1.1434	BMD 1.1452
Bhutan ¹							
Thimphu 675	Ngultrum = 100 chhetrum BTN	B S	USD 1 =	BTN 64.17	BTN 68.62	BTN 66.21	BTN 66.30
			USD 1 =	BTN 64.62	BTN 69.10	BTN 66.67	BTN 66.76
		B S	EUR 1 =	BTN 70.95	BTN 75.54	BTN 74.92	BTN 75.55
			EUR 1 =	BTN 71.43	BTN 76.05	BTN 75.42	BTN 76.05
Bolivia, Plurinational State of							
Sucre Seat of Government: La Paz 516	Boliviano = 100 centavos BOB	B S	USD 1 =	BOB 6.86	BOB 6.86	BOB 6.86	BOB 6.86
			USD 1 =	BOB 6.96	BOB 6.96	BOB 6.96	BOB 6.96
		V, B V, S	EUR 1 =	BOB 7.6077	BOB 7.4692	BOB 7.8101	BOB 7.8225
			EUR 1 =	BOB 7.7186	BOB 7.5780	BOB 7.9240	BOB 7.9365
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga BAM	B S	USD 1 =	BAM 1.768204	BAM 1.772615	BAM 1.722837	BAM 1.710901
			USD 1 =	BAM 1.777067	BAM 1.781501	BAM 1.731473	BAM 1.719477
		B / S	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583
Botswana							
Gaborone 391	Pula = 100 thebe BWP	B S	BWP 1 =	USD 0.0983	USD 0.0875	USD 0.0923	USD 0.0944
			BWP 1 =	USD 0.0981	USD 0.0873	USD 0.0921	USD 0.0942
		B S	BWP 1 =	EUR 0.0890	EUR 0.0804	EUR 0.0811	EUR 0.0827
			BWP 1 =	EUR 0.0887	EUR 0.0802	EUR 0.0809	EUR 0.0825

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Brazil							
Brasília 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 3.3381	BRL 3.9790	BRL 3.5583	BRL 3.4502
		S	USD 1 =	BRL 3.3387	BRL 3.9796	BRL 3.5589	BRL 3.4508
	BRL	B	EUR 1 =	BRL 3.7343	BRL 4.3224	BRL 4.0529	BRL 3.9470
		S	EUR 1 =	BRL 3.7358	BRL 4.3234	BRL 4.0539	BRL 3.9484
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3689	BND 1.4009	BND 1.3400	BND 1.3340
		S	USD 1 =	BND 1.3898	BND 1.4219	BND 1.3610	BND 1.3548
	BND	B	EUR 1 =	BND 1.4958	BND 1.5157	BND 1.5052	BND 1.5054
		S	EUR 1 =	BND 1.5523	BND 1.5724	BND 1.5616	BND 1.5619
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.76396	BGN 1.79632	BGN 1.71790	BGN 1.72198
		M	EUR 1 =	BGN 1.95583	BGN 1.95583	BGN 1.95583	BGN 1.95583
Burkina Faso ¹							
Ouagadougou 236	CFA franc XOF	V	USD 1 =	XOF 591.219	XOF 602.459	XOF 576.159	XOF 575.249
		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 1,558.7954	BIF 1,615.4622	BIF 1,621.1646	BIF 1,627.3917
		S	USD 1 =	BIF 1,590.2862	BIF 1,648.0978	BIF 1,653.9154	BIF 1,660.2683
	BIF	B	EUR 1 =	BIF 1,721.3347	BIF 1,766.8310	BIF 1,835.4826	BIF 1,854.5756
		S	EUR 1 =	BIF 1,756.1091	BIF 1,802.5246	BIF 1,872.5630	BIF 1,892.0418
Cabo Verde							
Praia 247	Cabo Verde escudo = 100 centavos	B	USD 1 =	CVE 99.897	CVE 100.085	CVE 97.272	CVE 96.980
		S	USD 1 =	CVE 100.099	CVE 100.287	CVE 97.474	CVE 97.182
	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 4,062	KHR 4,008	KHR 4,006	KHR 4,060
		B	EUR 1 =	KHR 4,487	KHR 4,381	KHR 4,540	KHR 4,611
	S	EUR 1 =	KHR 4,532	KHR 4,425	KHR 4,585	KHR 4,657	
Cameroon ¹							
Yaoundé 302	CFA franc XAF	V	USD 1 =	XAF 591.219	XAF 602.459	XAF 576.159	XAF 575.249
		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 1.2787	CAD 1.3523	CAD 1.2971	CAD 1.2549
		M	EUR 1 =	CAD 1.4235	CAD 1.4696	CAD 1.4775	CAD 1.4356

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
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 0.9246	KYD 0.9073	KYD 0.9488	KYD 0.9503
Central African Republic ¹							
Bangui 306	CFA franc XAF	V 3	USD 1 =	XAF 591.219	XAF 602.459	XAF 576.159	XAF 575.249
			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 591.219	XAF 602.459	XAF 576.159	XAF 575.249
			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 656.62	CLP 689.18	CLP 675.10	CLP 663.40
			EUR 1 =	CLP 728.18	CLP 753.04	CLP 764.03	CLP 752.50
China							
Peking / Beijing 720	Chinese yuan renminbi = 10 jiao = 100 fen CNY	M M M	USD 1 =	CNY 6.2293	CNY 6.5452	CNY 6.4612	CNY 6.4589
			EUR 1 =	CNY 6.9036	CNY 7.1533	CNY 7.3312	CNY 7.3439
			HKD 1 =	CNY 0.80459	CNY 0.84186	CNY 0.83325	CNY 0.83257
China (Taiwan)							
Taipei 736	New Taiwan dollar = 100 cents TWD	B S B S	USD 1 =	TWD 31.72	TWD 33.21	TWD 32.11	TWD 32.13
			USD 1 =	TWD 31.82	TWD 33.31	TWD 32.21	TWD 32.23
			EUR 1 =	TWD 35.06	TWD 36.56	TWD 36.23	TWD 36.46
			EUR 1 =	TWD 35.46	TWD 36.96	TWD 36.63	TWD 36.86
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	B S V, B V, S	USD 1 =	COP 2,767.77	COP 3,309.69	COP 3,021.48	COP 2,885.07
			USD 1 =	COP 2,769.53	COP 3,310.63	COP 3,023.21	COP 2,886.36
			EUR 1 =	COP 3,065.96	COP 3,642.64	COP 3,439.95	COP 3,289.85
			EUR 1 =	COP 3,067.91	COP 3,643.68	COP 3,441.92	COP 3,291.32
Comoros							
Moroni 375	Comorian franc = 100 centimes KMF	V 3	USD 1 =	KMF 443.41393	KMF 451.84400	KMF 432.11924	KMF 431.43712
			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 591.219	XAF 602.459	XAF 576.159	XAF 575.249
			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 65 ff.
2 Value against the US dollar. 3 Value against the euro.

IV Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 907.4830	CDF 914.6313	CDF 922.9052	CDF 930.2794
		S	USD 1 =	CDF 944.5232	CDF 951.9632	CDF 960.5748	CDF 968.2500
	CDF	B	EUR 1 =	CDF 1,002.0568	CDF 1,003.2820	CDF 1,048.3308	CDF 1,054.6581
		S	EUR 1 =	CDF 1,042.9571	CDF 1,044.2323	CDF 1,091.1198	CDF 1,097.7054
Cook Islands ¹							
Avarua 837	Cook Islands dollar = 100 cents NZD	² B	NZD 1 =	EUR 0.6454	EUR 0.6166	EUR 0.6246	EUR 0.6280
		S	NZD 1 =	EUR 0.6174	EUR 0.5896	EUR 0.5976	EUR 0.6009
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 528.69	CRC 529.67	CRC 529.59	CRC 531.49
		S	USD 1 =	CRC 540.97	CRC 542.20	CRC 542.23	CRC 544.03
	CRC	V, B	EUR 1 =	CRC 583.9701	CRC 576.7047	CRC 602.9382	CRC 606.0580
		V, S	EUR 1 =	CRC 597.5319	CRC 590.3474	CRC 617.3289	CRC 620.3574
Côte d'Ivoire ¹							
Yamoussoukro Seat of Government: Abidjan 272	CFA franc XOF	V	USD 1 =	XOF 591.219	XOF 602.459	XOF 576.159	XOF 575.249
		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 6.846831	HRK 6.896088	HRK 6.628199	HRK 6.550561
		S	USD 1 =	HRK 6.888036	HRK 6.937590	HRK 6.668087	HRK 6.589983
	HRK	B	EUR 1 =	HRK 7.594448	HRK 7.597421	HRK 7.501132	HRK 7.455849
		S	EUR 1 =	HRK 7.640151	HRK 7.643143	HRK 7.546274	HRK 7.500719
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 1.06757	CUC 1.05912	CUC 1.09559	CUC 1.09511
		S	EUR 1 =	CUC 1.13940	CUC 1.13049	CUC 1.16941	CUC 1.16890
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 196.73	ANG 193.92	ANG 202.77	ANG 203.09
		S	EUR 100 =	ANG 200.69	ANG 197.83	ANG 206.86	ANG 207.19
Cyprus							
Nicosia 600	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403
Czech Republic							
Prague 061	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 24.600	CZK 24.848	CZK 23.757	CZK 23.714
		M	EUR 1 =	CZK 27.269	CZK 27.055	CZK 27.055	CZK 27.040

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 672.69	DKK 685.18	DKK 654.48	DKK 652.81
			EUR 100 =	DKK 746.07	DKK 746.02	DKK 745.12	DKK 744.40
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 194.33	DJF 191.64	DJF 198.61	DJF 198.91
			S	EUR 1 =	DJF 201.99	DJF 199.06	DJF 206.24
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 2.9826	XCD 2.9269	XCD 3.0605	XCD 3.0654
			V, S	EUR 1 =	XCD 3.0144	XCD 2.9582	XCD 3.0932
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 44.7391	DOP 45.3677	DOP 45.4387	DOP 45.5027
			S	USD 1 =	DOP 45.0960	DOP 45.7903	DOP 45.8494
		B	EUR 1 =	DOP 48.6052	DOP 49.1119	DOP 50.1910	DOP 50.6933
			S	EUR 1 =	DOP 51.5159	DOP 52.3651	DOP 52.5911
Egypt ¹							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 7.7208	EGP 7.8300	EGP 8.8799 ¹	EGP 8.8799
			S	USD 1 =	EGP 7.7222	EGP 7.8301	EGP 8.8800 ¹
		B	EUR 1 =	EGP 8.4926	EGP 8.4965	EGP 10.0252 ¹	EGP 10.0128
			S	EUR 1 =	EGP 8.5912	EGP 8.5834	EGP 10.1330 ¹
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 9.7081	SVC 9.5270	SVC 9.9619
Equatorial Guinea ¹							
Malabo 310	CFA franc XAF	V	USD 1 =	XAF 591.219	XAF 602.459	XAF 576.159	XAF 575.249
			2	EUR 1 =	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 16.5500	ERN 16.5465	ERN 16.7265	ERN 17.0205
			S	EUR 1 =	ERN 17.3095	ERN 17.3060	ERN 17.4860
Estonia							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Ethiopia							
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 20.6138	ETB 21.2376	ETB 21.3641	ETB 21.4884
		S	USD 1 =	ETB 21.0261	ETB 21.6624	ETB 21.7914	ETB 21.9182
	ETB	B	EUR 1 =	ETB 22.7723	ETB 23.2191	ETB 24.1713	ETB 24.3764
		S	EUR 1 =	ETB 23.2318	ETB 23.6964	ETB 24.6635	ETB 24.8727
Falkland Islands (Islas Malvinas)							
Stanley 529	Falkland Islands pound ² = 100 pence FKP	V	USD 1 =	FKP 0.65420	FKP 0.72171	FKP 0.69526	FKP 0.68425
		V	EUR 1 =	FKP 0.72584	FKP 0.78580	FKP 0.79155	FKP 0.78025
Fiji							
Suva 815	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4837	USD 0.4742	USD 0.4903	USD 0.4906
		S	FJD 1 =	USD 0.4667	USD 0.4572	USD 0.4733	USD 0.4736
	FJD	B	FJD 1 =	EUR 0.4360	EUR 0.4318	EUR 0.4305	EUR 0.4301
		S	FJD 1 =	EUR 0.4240	EUR 0.4198	EUR 0.4185	EUR 0.4181
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403
Gabon ¹							
Libreville 314	CFA franc	V	USD 1 =	XAF 591.219	XAF 602.459	XAF 576.159	XAF 575.249
	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 42.23	GMD 41.60	GMD 41.91	GMD 42.52
		M	EUR 1 =	GMD 46.93	GMD 45.83	GMD 46.17	GMD 48.05
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 =	GEL 2.2792	GEL 2.4778	GEL 2.3679	GEL 2.2309
		M	EUR 1 =	GEL 2.5259	GEL 2.7293	GEL 2.6795	GEL 2.5330
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas	B	USD 1 =	GHS 3.7595	GHS 3.8761	GHS 3.8346	GHS 3.7829
		S	USD 1 =	GHS 3.7632	GHS 3.8800	GHS 3.8384	GHS 3.7867
	GHS	B	EUR 1 =	GHS 4.1517	GHS 4.2171	GHS 4.3692	GHS 4.3285
S		EUR 1 =	GHS 4.1550	GHS 4.2212	GHS 4.3727	GHS 4.3313	
Gibraltar							
Gibraltar 044	Gibraltar pound ² = 100 pence GIP	V	USD 1 =	GIP 0.65420	GIP 0.72171	GIP 0.69526	GIP 0.68425
		V	EUR 1 =	GIP 0.72584	GIP 0.78580	GIP 0.79155	GIP 0.78025
Greece ¹							
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403
Grenada							
St George's 473	East Caribbean dollar = 100 cents	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B V, S	EUR 1 = EUR 1 =	XCD 2.9826 XCD 3.0144	XCD 2.9269 XCD 2.9582	XCD 3.0605 XCD 3.0932	XCD 3.0654 XCD 3.0981
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ	M	USD 1 =	GTQ 7.65729	GTQ 7.68272	GTQ 7.71106	GTQ 7.73394
		V, M	EUR 1 =	GTQ 8.45820	GTQ 8.36495	GTQ 8.77904	GTQ 8.81901
Guinea							
Conakry 260	Guinean franc GNF	M	USD 1 =	GNF 7,374.9080	GNF 8,721.9958	GNF 8,822.0000	GNF 8,795.9813
		M	EUR 1 =	GNF 8,157.5341	GNF 9,522.6750	GNF 9,865.2015	GNF 9,983.4387
Guinea-Bissau ¹							
Bissau 257	CFA franc XOF	V	USD 1 =	XOF 591.219	XOF 602.459	XOF 576.159	XOF 575.249
		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 205.98	GYD 205.98	GYD 205.98	GYD 205.98
		S	USD 1 =	GYD 208.44	GYD 208.44	GYD 208.44	GYD 208.44
	GYD	B S	EUR 1 = EUR 1 =	GYD 227.42 GYD 230.34	GYD 224.21 GYD 227.09	GYD 234.37 GYD 237.37	GYD 234.53 GYD 237.53

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 51.1640	HTG 61.4393	HTG 61.7627	HTG 61.9572
		V, M	EUR 1 =	HTG 56.4762	HTG 66.8951	HTG 70.3168	HTG 70.6498
Honduras							
Tegucigalpa 424	Lempira = 100 centavos HNL	B	USD 1 =	HNL 21.9794	HNL 22.6079	HNL 22.6359	HNL 22.5836
		S	USD 1 =	HNL 22.1332	HNL 22.7662	HNL 22.7944	HNL 22.7417
		V, B	EUR 1 =	HNL 24.2752	HNL 24.6155	HNL 25.7710	HNL 25.7521
		V, S	EUR 1 =	HNL 24.4451	HNL 24.7878	HNL 25.9514	HNL 25.9324
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.73880	HKD 7.76170	HKD 7.73140	HKD 7.73970
		S	USD 1 =	HKD 7.76433	HKD 7.78770	HKD 7.77560	HKD 7.77850
		B	EUR 1 =	HKD 8.52852	HKD 8.48768	HKD 8.74048	HKD 8.80018
		S	EUR 1 =	HKD 8.58831	HKD 8.54752	HKD 8.80032	HKD 8.85992
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 279.46	HUF 284.70	HUF 276.62	HUF 274.05
		M	EUR 1 =	HUF 309.32	HUF 310.75	HUF 314.16	HUF 311.76
Iceland							
Reykjavik 024	Icelandic krona ISK	B	USD 1 =	ISK 131.45	ISK 129.40	ISK 123.24	ISK 122.60
		S	USD 1 =	ISK 132.07	ISK 130.02	ISK 123.82	ISK 123.18
		B	EUR 1 =	ISK 145.89	ISK 141.11	ISK 140.19	ISK 139.61
		S	EUR 1 =	ISK 146.70	ISK 141.89	ISK 140.97	ISK 140.39
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	B	USD 1 =	INR 63.82	INR 68.31	INR 65.92	INR 66.08
		S	USD 1 =	INR 64.67	INR 69.16	INR 66.77	INR 66.93
		B	EUR 1 =	INR 70.23	INR 74.29	INR 74.16	INR 74.84
		S	EUR 1 =	INR 71.79	INR 75.90	INR 75.78	INR 76.47
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 13,351.04	IDR 13,328.00	IDR 13,210.00	IDR 13,138.00
		S	USD 1 =	IDR 13,485.13	IDR 13,462.00	IDR 13,342.00	IDR 13,270.00
		B	EUR 1 =	IDR 14,786.36	IDR 14,571.50	IDR 14,953.72	IDR 14,952.36
		S	EUR 1 =	IDR 14,938.08	IDR 14,723.39	IDR 15,105.81	IDR 15,107.90
Iran, Islamic Republic of ¹							
Tehran 616	Iranian rial = 100 dinars IRR	M	USD 1 =	IRR 29,128	IRR 30,197	IRR 30,260	IRR 30,315
		M	EUR 1 =	IRR 32,174	IRR 32,978	IRR 34,178	IRR 34,714

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month				
					February 2016	March 2016	April 2016		
Iraq									
Baghdad 612	Iraqi dinar = 1,000 fils	B	USD 1 =	IQD 1,165.333	IQD 1,180.000	IQD 1,180.000	IQD 1,180.000		
		S	USD 1 =	IQD 1,167.333	IQD 1,182.000	IQD 1,182.000	IQD 1,182.000		
	IQD	B	EUR 1 =	IQD 1,289.847	IQD 1,300.259	IQD 1,337.828	IQD 1,335.347		
		S	EUR 1 =	IQD 1,290.493	IQD 1,300.909	IQD 1,338.497	IQD 1,336.015		
	Ireland								
	Dublin 007	Euro = 100 cent	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403	
EUR									
Israel									
Jerusalem 624	New Israeli sheqel = 100 agorot	M	USD 1 =	ILS 3.8839	ILS 3.9100	ILS 3.7660	ILS 3.7610		
		M	EUR 1 =	ILS 4.2920	ILS 4.2547	ILS 4.2856	ILS 4.2717		
	ILS								
Italy									
Rome 005	Euro = 100 cent	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403		
	EUR								
Jamaica									
Kingston 464	Jamaican dollar = 100 cents	B	USD 1 =	JMD 116.8907	JMD 121.1764	JMD 121.3628	JMD 122.3696		
		S	USD 1 =	JMD 117.4812	JMD 121.8522	JMD 122.0421	JMD 123.1541		
	JMD	B	EUR 1 =	JMD 129.01328	JMD 132.24168	JMD 137.73990	JMD 139.06214		
		S	EUR 1 =	JMD 129.61075	JMD 133.09766	JMD 138.49739	JMD 139.33823		
	Japan								
	Tokyo 732	Japanese yen = 100 sen	B	USD 1 =	JPY 120.12	JPY 112.62	JPY 111.68	JPY 108.75	
S			USD 1 =	JPY 122.12	JPY 114.62	JPY 113.68	JPY 110.75		
JPY		B	EUR 1 =	JPY 132.19	JPY 122.61	JPY 126.20	JPY 122.62		
		S	EUR 1 =	JPY 135.19	JPY 125.61	JPY 129.20	JPY 125.62		
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 0.77803	JOD 0.77257	JOD 0.79884	JOD 0.79976		
		S	EUR 1 =	JOD 0.78573	JOD 0.78583	JOD 0.80500	JOD 0.80713		
	Kazakhstan								
	Astana 079	Tenge = 100 tiyn	M	USD 1 =	KZT 225.02	KZT 349.82	KZT 343.06	KZT 330.41	
KZT		M	EUR 1 =	KZT 249.15	KZT 385.36	KZT 388.24	KZT 375.15		
Kenya ¹									
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 98.6085	KES 101.5972	KES 101.2372	KES 101.0472		
		S	USD 1 =	KES 98.7851	KES 101.7971	KES 101.4306	KES 101.2353		
	KES	B	EUR 1 =	KES 108.8046	KES 111.3506	KES 114.5650	KES 114.3822		
		S	EUR 1 =	KES 109.0215	KES 111.6000	KES 114.8228	KES 114.6250		

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Korea, Democratic People's Republic of							
Pyongyang 724	North Korean won = 100 chon	B	USD 1 =	KPW 108.41	KPW 108.81 ²	KPW 106.37 ³	KPW 106.00 ⁴
		S	USD 1 =	KPW 109.23	KPW 109.63 ²	KPW 107.17 ³	KPW 106.80 ⁴
	KPW	B	EUR 1 =	KPW 119.43	KPW 118.44 ²	KPW 121.05 ³	KPW 121.43 ⁴
		S	EUR 1 =	KPW 120.33	KPW 119.33 ²	KPW 121.96 ³	KPW 122.35 ⁴
Korea, Republic of							
Seoul 728	South Korean won = 100 chon	B	USD 1 =	KRW 1,120.93	KRW 1,224.40	KRW 1,129.40	KRW 1,129.40
		S	USD 1 =	KRW 1,143.03	KRW 1,248.60	KRW 1,151.60	KRW 1,151.60
	KRW	B	EUR 1 =	KRW 1,237.72	KRW 1,337.25	KRW 1,282.09	KRW 1,285.25
		S	EUR 1 =	KRW 1,262.72	KRW 1,364.25	KRW 1,307.99	KRW 1,311.21
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.29990	KWD 0.29900	KWD 0.30130	KWD 0.30015
		S	USD 1 =	KWD 0.30371	KWD 0.30260	KWD 0.30340	KWD 0.30375
	KWD	B	EUR 1 =	KWD 0.331011	KWD 0.325462	KWD 0.341945	KWD 0.342861
		S	EUR 1 =	KWD 0.335218	KWD 0.329380	KWD 0.344329	KWD 0.346974
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tyiyn KGS	M	USD 1 =	KGS 64.8031	KGS 74.2525	KGS 70.0158	KGS 68.4200
		M	EUR 1 =	KGS 71.8206	KGS 81.8337	KGS 79.2439	KGS 77.8483
Lao People's Democratic Republic							
Vientiane 684	Kip	B	USD 1 =	LAK 8,121	LAK 8,113	LAK 8,102	LAK 8,095
		S	USD 1 =	LAK 8,153	LAK 8,150	LAK 8,139	LAK 8,132
	LAK	B	EUR 1 =	LAK 8,950	LAK 8,853	LAK 9,157	LAK 9,192
		S	EUR 1 =	LAK 8,992	LAK 8,894	LAK 9,200	LAK 9,235
Latvia							
Riga 054	Euro = 100 cents EUR	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403
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 1,670.51	LBP 1,640.91	LBP 1,715.23	LBP 1,710.41
Lesotho ¹							
Maseru 395	Loti = 100 lisente LSL	M	USD 1 =	LSL 12.8909	LSL 16.0517	LSL 14.7256	LSL 14.4105
		M	EUR 1 =	LSL 14.2094	LSL 17.4776	LSL 16.7710	LSL 16.3514

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 65 ff.

² Exchange rate as of 1 March 2016. ³ Exchange rate as of 1 April 2016. ⁴ Exchange rate as of 2 May 2016.

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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents	B	USD 1 =	LRD 85.83	LRD 90.00	LRD 90.00	LRD 91.00
		S	USD 1 =	LRD 86.83	LRD 91.00	LRD 91.00	LRD 92.00
	LRD	V, B V, S	EUR 1 = EUR 1 =	LRD 94.7997 LRD 95.9042	LRD 97.9920 LRD 99.0808	LRD 102.4650 LRD 103.6035	LRD 103.7673 LRD 104.9076
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham	B	USD 1 =	LYD 1.3802	LYD 1.3926	LYD 1.3712	LYD 1.3629
		S	USD 1 =	LYD 1.3871	LYD 1.3996	LYD 1.3781	LYD 1.3697
	LYD	B	EUR 1 =	LYD 1.5232	LYD 1.5238	LYD 1.5502	LYD 1.5483
		S	EUR 1 =	LYD 1.5308	LYD 1.5315	LYD 1.5580	LYD 1.5561
Lithuania							
Vilnius 055	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403
Luxembourg							
Luxembourg 018	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403
Macao ¹							
Macao 743	Pataca = 100 avos	B	USD 1 =	MOP 7.9739	MOP 7.9959	MOP 7.9769	MOP 7.9809
		S	USD 1 =	MOP 8.0063	MOP 8.0274	MOP 8.0084	MOP 8.0129
	MOP	B	EUR 1 =	MOP 8.7960	MOP 8.7269	MOP 9.0128	MOP 9.0712
		S	EUR 1 =	MOP 8.8557	MOP 8.7839	MOP 9.0698	MOP 9.1282
Macedonia, former Yugoslav Republic of							
Skopje 096	Macedonian denar = 100 deni	B	USD 1 =	MKD 55.3515	MKD 55.7755	MKD 54.2085	MKD 54.0492
		S	USD 1 =	MKD 55.9078	MKD 56.3361	MKD 54.7533	MKD 54.5924
	MKD	B S	EUR 1 = EUR 1 =	MKD 61.3003 MKD 61.9163	MKD 61.3865 MKD 62.0035	MKD 61.3857 MKD 62.0027	MKD 61.3891 MKD 62.0061
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M M	USD 1 = EUR 1 =	MGA 2,942.10 MGA 3,260.72	MGA 3,203.75 MGA 3,501.44	MGA 3,178.75 MGA 3,607.71	MGA 3,156.05 MGA 3,595.87
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala	B	USD 1 =	MWK 500.5335	MWK 734.3950	MWK 675.2224	MWK 677.7896
		S	USD 1 =	MWK 517.5229	MWK 752.9872	MWK 693.5642	MWK 695.3660
	MWK	B	EUR 1 =	MWK 552.0873	MWK 802.8406	MWK 765.5672	MWK 769.4268
		S	EUR 1 =	MWK 570.8935	MWK 823.1656	MWK 786.3631	MWK 789.3795

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Malaysia							
Kuala Lumpur Seat of Government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 3.8736	MYR 4.1675	MYR 3.8759	MYR 3.8320
		S	USD 1 =	MYR 3.9700	MYR 4.2824	MYR 3.9891	MYR 3.9440
	MYR	B	EUR 1 =	MYR 4.2878	MYR 4.5354	MYR 4.3764	MYR 4.3356
		S	EUR 1 =	MYR 4.4191	MYR 4.6932	MYR 4.5386	MYR 4.4964
Maldives							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.37	MVR 15.33	MVR 15.35	MVR 15.31
		V, M	EUR 1 =	MVR 16.97146	MVR 16.69130	MVR 17.47598	MVR 17.45799
Mali 1							
Bamako 232	CFA franc XOF	V	USD 1 =	XOF 591.219	XOF 602.459	XOF 576.159	XOF 575.249
		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 1.1095	USD 1.0888	USD 1.1385	USD 1.1403
Mauritania							
Nouakchott 228	Ouguiya = 5 khoums MRO	B	USD 1 =	MRO 324.03	MRO 343.64	MRO 348.98	MRO 350.42
		S	USD 1 =	MRO 327.28	MRO 347.08	MRO 352.47	MRO 353.93
	MRO	B	EUR 1 =	MRO 357.85	MRO 374.80	MRO 397.00	MRO 397.69
		S	EUR 1 =	MRO 361.44	MRO 378.56	MRO 400.97	MRO 401.68
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 34.7263	MUR 35.4968	MUR 34.8405	MUR 34.6735
		S	USD 1 =	MUR 35.7423	MUR 36.5459	MUR 35.9956	MUR 35.8185
	MUR	B	EUR 1 =	MUR 38.3484	MUR 38.7699	MUR 39.4390	MUR 39.4972
		S	EUR 1 =	MUR 39.4735	MUR 39.9219	MUR 40.7536	MUR 40.8141
Mexico							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 15.9184	MXN 18.0970	MXN 17.2800	MXN 17.2180
		S	USD 1 =	MXN 15.9229	MXN 18.1030	MXN 17.2900	MXN 17.2230
	MXN	V, B	EUR 1 =	MXN 17.6302	MXN 19.7040	MXN 19.6733	MXN 19.6337
		V, S	EUR 1 =	MXN 17.6345	MXN 19.7105	MXN 19.6847	MXN 19.6394
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 18.8210	MDL 20.0532	MDL 19.6412	MDL 19.7777
		M	EUR 1 =	MDL 20.8780	MDL 22.1077	MDL 22.2377	MDL 22.4418
Mongolia							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 1,974.22	MNT 2,032.47	MNT 2,048.90	MNT 2,011.84
		M	EUR 1 =	MNT 2,179.24	MNT 2,227.59	MNT 2,322.22	MNT 2,290.78

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. 1 Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month			
					February 2016	March 2016	April 2016	
Morocco								
Rabat 204	Moroccan dirham = 100 centimes	B	USD 1 =	MAD 9.7456	MAD 9.8821	MAD 9.6048	MAD 9.5820	
		S	USD 1 =	MAD 9.8042	MAD 9.9415	MAD 9.6626	MAD 9.6396	
	MAD	B	EUR 1 =	MAD 10.799	MAD 10.743	MAD 10.939	MAD 10.955	
		S	EUR 1 =	MAD 10.864	MAD 10.807	MAD 11.005	MAD 11.021	
	Mozambique							
	Maputo 366	Metical = 100 centavos	B	USD 1 =	MZN 38.76	MZN 47.18	MZN 50.45	MZN 53.17
S			USD 1 =	MZN 38.94	MZN 47.38	MZN 50.65	MZN 53.24	
MZN		B	EUR 1 =	MZN 42.75	MZN 51.40	MZN 57.45	MZN 60.68	
		S	EUR 1 =	MZN 42.95	MZN 51.62	MZN 57.67	MZN 60.76	
Myanmar								
Nay Pyi Taw 676		Kyat = 100 pyas MMK	M	USD 1 =	MMK 1,169.92	MMK 1,237.00	MMK 1,216.00	MMK 1,175.00
	M		EUR 1 =	MMK 1,292.10	MMK 1,351.00	MMK 1,378.40	MMK 1,335.20	
Namibia ¹								
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 12.9343	NAD 16.1324	NAD 14.9457	NAD 14.2032	
		M	EUR 1 =	NAD 14.2685	NAD 17.6494	NAD 16.9132	NAD 16.2072	
Nepal								
Kathmandu 672	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 102.58	NPR 109.50	NPR 105.87	NPR 106.11	
		S	USD 1 =	NPR 103.18	NPR 110.10	NPR 106.47	NPR 106.71	
	NPR	B	EUR 1 =	NPR 113.13	NPR 119.75	NPR 119.82	NPR 120.84	
		S	EUR 1 =	NPR 113.79	NPR 120.41	NPR 120.50	NPR 121.52	
Netherlands								
Amsterdam Seat of Government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403	
New Caledonia ¹								
Nouméa 809	CFP franc XPF	V	XPF 1,000 =	USD 9.30	USD 9.12	USD 9.54	USD 9.56	
		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 0.7138	USD 0.6716	USD 0.7046	USD 0.7128	
		S	NZD 1 =	USD 0.6883	USD 0.6473	USD 0.6795	USD 0.6874	
	NZD	B	NZD 1 =	EUR 0.6454	EUR 0.6166	EUR 0.6246	EUR 0.6280	
		S	NZD 1 =	EUR 0.6174	EUR 0.5896	EUR 0.5976	EUR 0.6009	

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 27.3105	NIO 28.1526	NIO 28.2691	NIO 28.3824
		V, M	EUR 1 =	NIO 30.16196	NIO 30.65255	NIO 32.18437	NIO 32.36445
Niger 1							
Niamey 240	CFA franc XOF	V	USD 1 =	XOF 591.219	XOF 602.459	XOF 576.159	XOF 575.249
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Nigeria 1							
Abuja 288	Naira = 100 kobo NGN	B	USD 1 =	NGN 192.41	NGN 196.00	NGN 196.00	NGN 196.00
		S	USD 1 =	NGN 193.41	NGN 197.00	NGN 197.00	NGN 197.00
		B	EUR 1 =	NGN 213.1516	NGN 213.4440	NGN 223.2244	NGN 223.6948
		S	EUR 1 =	NGN 214.2602	NGN 214.5330	NGN 224.3633	NGN 224.8361
Norway							
Oslo 028	Norwegian krone = 100 øre NOK	B	USD 1 =	NOK 8.0474	NOK 8.6495	NOK 8.2871	NOK 8.0859
		S	USD 1 =	NOK 8.1007	NOK 8.7085	NOK 8.3461	NOK 8.1449
		B	EUR 1 =	NOK 8.9594	NOK 9.4784	NOK 9.3847	NOK 9.2105
		S	EUR 1 =	NOK 9.0185	NOK 9.5434	NOK 9.4497	NOK 9.2755
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 0.4243904	OMR 0.4192896	OMR 0.4345344	OMR 0.4350336
		S	EUR 1 =	OMR 0.4256239	OMR 0.4205740	OMR 0.4357430	OMR 0.4362820
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa PKR	B	USD 1 =	PKR 102.50	PKR 104.20	PKR 104.60	PKR 104.40
		S	USD 1 =	PKR 102.70	PKR 104.40	PKR 104.80	PKR 104.60
		B	EUR 1 =	PKR 113.65	PKR 113.83	PKR 118.35	PKR 118.86
		S	EUR 1 =	PKR 113.87	PKR 114.05	PKR 118.58	PKR 119.09
Panama 1							
Panama City 442	Balboa = 100 centésimos PAB	3	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
		V	EUR 1 =	PAB 1.1095	PAB 1.0888	PAB 1.1385	PAB 1.1403
Papua New Guinea							
Port Moresby 801	Kina = 100 toea PGK	B	PGK 1 =	USD 0.3671	USD 0.3355	USD 0.3310	USD 0.3250
		S	PGK 1 =	USD 0.3521	USD 0.3205	USD 0.3160	USD 0.3100
		B	PGK 1 =	EUR 0.3297	EUR 0.3052	EUR 0.2903	EUR 0.2844
		S	PGK 1 =	EUR 0.3150	EUR 0.2902	EUR 0.2756	EUR 0.2700

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. 1 Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Paraguay							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 5,221.61	PYG 5,713.87	PYG 5,618.75	PYG 5,556.87
		S	USD 1 =	PYG 5,234.91	PYG 5,731.21	PYG 5,638.67	PYG 5,585.34
	PYG	V, B	EUR 1 =	PYG 5,790.07	PYG 6,288.69	PYG 6,396.95	PYG 6,336.50
		V, S	EUR 1 =	PYG 5,804.81	PYG 6,307.77	PYG 6,419.63	PYG 6,368.96
Peru 1							
Lima 504	Nuevo sol / Sol = 100 céntimos	B	USD 1 =	PEN 3.186	PEN 3.521	PEN 3.323	PEN 3.271
		S	USD 1 =	PEN 3.190	PEN 3.527	PEN 3.328	PEN 3.274
	PEN	B	EUR 1 =	PEN 3.449	PEN 3.747	PEN 3.698	PEN 3.646
		S	EUR 1 =	PEN 3.670	PEN 4.086	PEN 3.894	PEN 3.898
Philippines							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 45.05641	PHP 46.85560	PHP 45.40199	PHP 46.21010
		S	USD 1 =	PHP 46.06485	PHP 48.23440	PHP 46.73802	PHP 47.56991
	PHP	B	EUR 1 =	PHP 49.84945	PHP 51.16163	PHP 51.45861	PHP 52.47156
		S	EUR 1 =	PHP 50.96459	PHP 52.66714	PHP 52.97287	PHP 54.01563
Poland							
Warsaw 060	Polish zloty = 100 groszy	M	USD 1 =	PLN 3.7730	PLN 3.9935	PLN 3.7590	PLN 3.8738
	PLN	M	EUR 1 =	PLN 4.1848	PLN 4.3589	PLN 4.2684	PLN 4.4078
Portugal							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403
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 3.952	QAR 3.906	QAR 4.050	QAR 4.139 v
		S	EUR 1 =	QAR 4.093	QAR 4.047	QAR 4.192	QAR 4.162 v
Romania							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 4.0062	RON 4.0970	RON 3.9349	RON 3.9348
		M	EUR 1 =	RON 4.4401	RON 4.4692	RON 4.4738	RON 4.4774
Russian Federation							
Moscow 075	Russian rouble = 100 kopeken RUB	M	USD 1 =	RUB 61.2861	RUB 75.0903	RUB 67.6076	RUB 64.3334
		M	EUR 1 =	RUB 68.4684	RUB 82.9748	RUB 76.5386	RUB 73.3015

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. 1 Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 713.556558	RWF 754.759299	RWF 760.798994	RWF 766.112346
		S	USD 1 =	RWF 727.826248	RWF 769.852961	RWF 776.013438	RWF 781.433046
	RWF	B	EUR 1 =	RWF 791.636938	RWF 825.253818	RWF 859.778944	RWF 869.767347
		S	EUR 1 =	RWF 807.468077	RWF 841.757227	RWF 876.972786	RWF 887.160937
Saint Helena, Ascension and Tristan da Cunha							
Jamestown 329	Saint Helena pound ² = 100 pence SHP	V	USD 1 =	SHP 0.65420	SHP 0.72171	SHP 0.69526	SHP 0.68425
		V	EUR 1 =	SHP 0.72584	SHP 0.78580	SHP 0.79155	SHP 0.78025
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 2.9826	XCD 2.9269	XCD 3.0605	XCD 3.0654
		V, S	EUR 1 =	XCD 3.0144	XCD 2.9582	XCD 3.0932	XCD 3.0981
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 2.9826	XCD 2.9269	XCD 3.0605	XCD 3.0654
		V, S	EUR 1 =	XCD 3.0144	XCD 2.9582	XCD 3.0932	XCD 3.0981
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 2.9826	XCD 2.9269	XCD 3.0605	XCD 3.0654
		V, S	EUR 1 =	XCD 3.0144	XCD 2.9582	XCD 3.0932	XCD 3.0981
Samoa							
Apia 819	Tala = 100 sene WST	M	WST 1 =	USD 0.39008	USD 0.38069	USD 0.39137	USD 0.39179
		M	WST 1 =	EUR 0.35283	EUR 0.34814	EUR 0.34535	EUR 0.34502
Sao Tome and Principe ¹							
São Tomé 311	Dobra = 100 céntimos	B	USD 1 =	STD 22,224.17	STD 22,260.59	STD 21,635.46	STD 21,762.30
		S	USD 1 =	STD 22,557.53	STD 22,594.49	STD 21,960.00	STD 22,088.74
	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 4.0403	SAR 4.0029	SAR 4.1477	SAR 4.1429
		S	EUR 1 =	SAR 4.2823	SAR 4.2362	SAR 4.3885	SAR 4.4634

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Senegal ¹							
Dakar 248	CFA franc	V	USD 1 =	XOF 591.219	XOF 602.459	XOF 576.159	XOF 575.249
	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 108.5753	RSD 112.4885	RSD 108.2743	RSD 107.8246
		S	USD 1 =	RSD 109.2288	RSD 113.1655	RSD 108.9259	RSD 108.4734
	RSD	B	EUR 1 =	RSD 120.3764	RSD 123.1299	RSD 122.5557	RSD 122.2514
		S	EUR 1 =	RSD 121.1008	RSD 123.8709	RSD 123.2933	RSD 122.9872
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 12.9659	SCR 13.0885	SCR 12.8239	SCR 12.9530
		S	USD 1 =	SCR 13.4927	SCR 13.4037	SCR 13.4859	SCR 13.4804
	SCR	B	EUR 1 =	SCR 14.3586	SCR 14.2150	SCR 14.9213	SCR 15.0223
		S	EUR 1 =	SCR 14.9151	SCR 14.7492	SCR 15.2677	SCR 15.1333
Sierra Leone							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 5,041.44	SLL 5,748.61	SLL 5,887.16	SLL 5,984.42
		S	USD 1 =	SLL 5,143.28	SLL 5,864.74	SLL 6,006.09	SLL 6,105.32
	SLL	V, B	EUR 1 =	SLL 5,565.69	SLL 6,259.09	SLL 6,702.53	SLL 6,824.03
		V, S	EUR 1 =	SLL 5,678.13	SLL 6,385.53	SLL 6,837.93	SLL 6,961.90
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.3764	SGD 1.4085	SGD 1.3511	SGD 1.3445
		M	EUR 1 =	SGD 1.5225	SGD 1.5386	SGD 1.5290	SGD 1.5306
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 196.73	ANG 193.92	ANG 202.77	ANG 203.09
		S	EUR 100 =	ANG 200.69	ANG 197.83	ANG 206.86	ANG 207.19
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents SBD	M	SBD 1 =	USD 0.1260	USD 0.1237	USD 0.1274	USD 0.1273
		M	SBD 1 =	EUR 0.1145	EUR 0.1132	EUR 0.1123	EUR 0.1122

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
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 12.6568	ZAR 15.7378	ZAR 14.5130	ZAR 13.9885
		S	USD 1 =	ZAR 12.9743	ZAR 16.0553	ZAR 14.8305	ZAR 14.3060
	ZAR	B	EUR 1 =	ZAR 14.0492	ZAR 17.0826	ZAR 16.5306	ZAR 15.9666
		S	EUR 1 =	ZAR 14.4799	ZAR 17.5143	ZAR 16.9641	ZAR 16.4016
South Sudan							
Juba 225	South Sudanese pound = 100 piastres	B	USD 1 =	SSP 2.9377 ²	SSP 27.2687	SSP 32.6568	SSP 30.7891
		S	USD 1 =	SSP 2.9623 ²	SSP 27.5589	SSP 33.1835	SSP 31.2857
	SSP	B	EUR 1 =	SSP 3.2421 ³	SSP 30.0582	SSP 36.5071	SSP 34.7332
		S	EUR 1 =	SSP 3.2800 ³	SSP 30.3893	SSP 37.1092	SSP 35.2966
Spain							
Madrid 011	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.0888	USD 1.1385	USD 1.1403
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 134.72	LKR 142.56	LKR 142.59	LKR 143.60
		S	USD 1 =	LKR 138.24	LKR 146.58	LKR 146.78	LKR 147.42
	LKR	B	EUR 1 =	LKR 148.39	LKR 154.83	LKR 160.63	LKR 162.60
		S	EUR 1 =	LKR 154.02	LKR 161.01	LKR 167.26	LKR 169.09
Sudan							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 6.0172	SDG 6.0771	SDG 6.0771	SDG 6.0771
		S	USD 1 =	SDG 6.0473	SDG 6.1075	SDG 6.1075	SDG 6.1075
	SDG	B	EUR 1 =	SDG 6.6521	SDG 6.6417	SDG 6.8781	SDG 6.8884
		S	EUR 1 =	SDG 6.6854	SDG 6.6749	SDG 6.9125	SDG 6.9228
Suriname ¹							
Paramaribo 492	Suriname dollar = 100 cent	B	USD 1 =	SRD 3.368	SRD 3.960	SRD 5.064 ¹	SRD 5.404
		S	USD 1 =	SRD 3.465	SRD 4.040	SRD 5.154 ¹	SRD 5.500
	SRD	B	EUR 1 =	SRD 3.712	SRD 4.358	SRD 5.734 ¹	SRD 6.138
		S	EUR 1 =	SRD 3.819	SRD 4.446	SRD 5.836 ¹	SRD 6.247
Swaziland ¹							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 12.8764	SZL 16.0835	SZL 14.8370	SZL 14.1950
		S	USD 1 =	SZL 12.9196	SZL 16.1335	SZL 14.8870	SZL 14.2450
	SZL	B	EUR 1 =	SZL 14.19967	SZL 17.6114	SZL 16.8044	SZL 16.1908
		S	EUR 1 =	SZL 14.24928	SZL 17.6694	SZL 16.8670	SZL 16.2521
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 8.4006	SEK 8.5051	SEK 8.1147	SEK 8.0068
		S	USD 1 =	SEK 8.4681	SEK 8.5726	SEK 8.1822	SEK 8.0743
	SEK	B	EUR 1 =	SEK 9.3083	SEK 9.3177	SEK 9.2158	SEK 9.1486
		S	EUR 1 =	SEK 9.3598	SEK 9.3692	SEK 9.2673	SEK 9.2001

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 65 ff.

² Pegged to the US dollar until mid-December 2015. ³ Average from January to November 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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Switzerland							
Berne 039	Swiss franc = 100 rappen / centimes CHF	B	USD 1 =	CHF 0.9626	CHF 0.9998	CHF 0.9631	CHF 0.9628
		B	EUR 1 =	CHF 1.0635	CHF 1.0915	CHF 1.0936	CHF 1.0959
Syrian Arab Republic							
Damascus 608	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 241.34	SYP 399.49	SYP 436.11	SYP 472.17
		S	USD 1 =	SYP 242.80	SYP 401.89	SYP 438.73	SYP 475.02
		B	EUR 1 =	SYP 265.85	SYP 436.50	SYP 493.43	SYP 534.99
		S	EUR 1 =	SYP 267.72	SYP 439.57	SYP 496.89	SYP 538.75
Tajikistan							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 6.1934	TJS 7.8696	TJS 7.8696	TJS 7.8697
		M	EUR 1 =	TJS 6.8665	TJS 8.6605	TJS 8.9139	TJS 8.9179
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 1,990.8787	TZS 2,168.6931	TZS 2,168.7525	TZS 2,168.0594
		S	USD 1 =	TZS 2,010.7875	TZS 2,190.3800	TZS 2,190.4400	TZS 2,189.7400
		B	EUR 1 =	TZS 2,195.1744	TZS 2,387.9479	TZS 2,453.2928	TZS 2,455.3273
		S	EUR 1 =	TZS 2,217.5630	TZS 2,412.4845	TZS 2,478.2638	TZS 2,480.5375
Thailand							
Bangkok 680	Thai baht = 100 satang THB	B	USD 1 =	THB 34.1461	THB 35.5563	THB 35.0709	THB 34.7580
		S	USD 1 =	THB 34.4524	THB 35.8940	THB 35.4074	THB 35.1093
		B	EUR 1 =	THB 37.6767	THB 38.6975	THB 39.5412	THB 39.3724
		S	EUR 1 =	THB 38.3431	THB 39.4192	THB 40.2579	THB 40.1050
Togo ¹							
Lomé 280	CFA franc XOF	V	USD 1 =	XOF 591.219	XOF 602.459	XOF 576.159	XOF 575.249
		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 0.4723	USD 0.4426	USD 0.4524	USD 0.4527
		M	TOP 1 =	EUR 0.4279	EUR 0.4043	EUR 0.3982	EUR 0.3978
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.3181	TTD 6.4861	TTD 6.5538	TTD 6.6184
		S	USD 1 =	TTD 6.3733	TTD 6.5511	TTD 6.5784	TTD 6.6411
		B	EUR 1 =	TTD 6.9266	TTD 7.0002	TTD 7.2676	TTD 7.4068
		S	EUR 1 =	TTD 7.2816	TTD 7.5211	TTD 7.7841	TTD 8.1646

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month		
					February 2016	March 2016	April 2016
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes	B	USD 1 =	TND 1.9524	TND 2.0330	TND 1.9763	TND 1.9774
		S	USD 1 =	TND 1.9563	TND 2.0351	TND 1.9783	TND 1.9794
	TND	B	EUR 1 =	TND 2.1625	TND 2.2120	TND 2.2546	TND 2.2623
		S	EUR 1 =	TND 2.1668	TND 2.2143	TND 2.2568	TND 2.2645
Turkey							
Ankara 052	Turkish lira = 100 kuruş	B	USD 1 =	TRY 2.7200	TRY 2.9293	TRY 2.8334	TRY 2.8150
		S	USD 1 =	TRY 2.7249	TRY 2.9345	TRY 2.8385	TRY 2.8200
	TRY	B	EUR 1 =	TRY 3.0326	TRY 3.2296	TRY 3.2081	TRY 3.1944
		S	EUR 1 =	TRY 3.0381	TRY 3.2354	TRY 3.2139	TRY 3.2002
Turkmenistan							
Ashgabat 080	Turkmen manat = 100 tenge TMT	M	USD 1 =	TMT 3.50	TMT 3.50	TMT 3.50	TMT 3.50
		M	EUR 1 =	TMT 3.8786	TMT 3.8266	TMT 3.9613	TMT 3.9848
Uganda							
Kampala 350	Uganda shilling	B	USD 1 =	UGX 3,257.40	UGX 3,343.55	UGX 3,365.81	UGX 3,320.55
		S	USD 1 =	UGX 3,267.41	UGX 3,353.55	UGX 3,375.81	UGX 3,330.55
	UGX	B	EUR 1 =	UGX 3,594.17	UGX 3,653.16	UGX 3,766.00	UGX 3,757.20
		S	EUR 1 =	UGX 3,605.22	UGX 3,664.09	UGX 3,777.19	UGX 3,768.52
Ukraine							
Kyiv 072	Hryvnia = 100 kopiyok UAH	M	USD 100 =	UAH 2,199.5317	UAH 2,705.4389	UAH 2,621.8056	UAH 2,518.6528
		M	EUR 100 =	UAH 2,434.6740	UAH 2,977.6061	UAH 2,968.9327	UAH 2,860.6859
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 4.0565	AED 3.9986	AED 4.1811	AED 4.1878
United Kingdom ¹							
London 006	Pound sterling = 100 pence GBP	M	GBP 1 =	USD 1.5286	USD 1.3929	USD 1.4378	USD 1.4650
		M	EUR 1 =	GBP 0.7236	GBP 0.7800	GBP 0.7927	GBP 0.7818
United States							
Washington 400	US dollar = 100 cents USD	M	EUR 1 =	USD 1.10306	USD 1.0871	USD 1.1378	USD 1.1454
		M	GBP 1 =	USD 1.52887	USD 1.3915	USD 1.4358	USD 1.4611

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 65 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 2015	Rate at end of month			
					February 2016	March 2016	April 2016	
Uruguay								
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 27.389	UYU 32.297	UYU 31.718	UYU 31.518	
		M	EUR 1 =	UYU 30.3701	UYU 35.1246	UYU 36.1189	UYU 36.0960	
Uzbekistan								
Tashkent 081	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 2,575.45	UZS 2,851.65	UZS 2,876.72	UZS 2,899.25	
		M	EUR 1 =	UZS 2,871.14	UZS 3,209.75	UZS 3,224.73	UZS 3,297.80	
Vanuatu								
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 108.71	VUV 111.14	VUV 106.60	VUV 106.80	
		S	USD 1 =	VUV 114.17	VUV 116.73	VUV 111.96	VUV 112.17	
		B	EUR 1 =	VUV 119.79	VUV 121.16	VUV 120.60	VUV 121.03	
		S	EUR 1 =	VUV 124.37	VUV 125.79	VUV 125.22	VUV 125.66	
Venezuela, Bolivarian Republic of ¹								
Caracas 484	Bolívar = 100 céntimos VEF	2	B	USD 1 =	VEF 6.2842	VEF 6.2842	VEF 9.975	VEF 9.975
			S	USD 1 =	VEF 6.3000	VEF 6.3000	VEF 10.000	VEF 10.000
		B	S	EUR 1 =	VEF 6.94027048	VEF 6.83846644	VEF 11.3485575	VEF 11.4193800
			S	EUR 1 =	VEF 6.95987250	VEF 6.85881000	VEF 11.3820000	VEF 11.4540000
		3	B	USD 1 =	VEF 195.6779	VEF 204.8746	VEF 272.2300	VEF 377.4328
			S	USD 1 =	VEF 196.1683	VEF 205.3881	VEF 272.9123	VEF 378.3788
		B	S	EUR 1 =	VEF 215.634902	VEF 222.944540	VEF 309.716071	VEF 432.085069
			S	EUR 1 =	VEF 216.241590	VEF 223.606024	VEF 310.628780	VEF 433.395078
Viet Nam								
Hanoi 690	Dong = 10 hào = 100 xu VND	B	S	USD 1 =	VND 21,926	VND 22,265	VND 22,255	VND 22,250
			S	USD 1 =	VND 21,993	VND 22,335	VND 22,325	VND 22,320
		B	S	EUR 1 =	VND 24,064.95	VND 24,285.50	VND 25,174.31	VND 25,282.04
			S	EUR 1 =	VND 24,381.26	VND 24,502.53	VND 25,430.18	VND 25,533.17
Yemen ¹								
Sana'a 653	Yemeni rial = 100 fils YER	B	S	USD 1 =	YER 214.87	YER 214.87	YER 214.87	YER 250.00 ¹
			S	USD 1 =	YER 214.91	YER 214.91	YER 214.91	YER 250.50 ¹
		B	S	EUR 1 =	YER 237.37	YER 235.02	YER 243.17	YER 283.40 ¹
			S	EUR 1 =	YER 237.41	YER 235.07	YER 243.21	YER 283.97 ¹
Zambia								
Lusaka 378	Kwacha = 100 ngwee ZMW	B	S	USD 1 =	ZMW 8.7719	ZMW 11.3642	ZMW 11.1253	ZMW 9.5867
			S	USD 1 =	ZMW 8.7919	ZMW 11.3842	ZMW 11.1453	ZMW 9.6067
		B	S	EUR 1 =	ZMW 9.6840	ZMW 12.3768	ZMW 12.6728	ZMW 10.9644
			S	EUR 1 =	ZMW 9.7081	ZMW 12.4020	ZMW 12.6989	ZMW 10.9901

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 61. ¹ Explanatory notes on individual countries, see p 65 ff. ² Until end-February 2016: official rate; since end-March 2016: DIPRO. ³ Until

end-February 2016: SIMADI (the annual averages relate to the period February to December 2015); since end-March 2016: DICOM.

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-April 2016

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 ¹ (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
		Mooréa	CFP franc
Baker Island (832)	US dollar		
Balearics	Euro		
Bali	Indonesian rupiah	Nauru (803)	Australian dollar
Bonaire (475)	US dollar	Newfoundland	Canadian dollar
Bora-Bora	CFP franc	Nicaragua	Indian rupee
Borneo (northern part) (701)	Malaysian ringgit	Niue (838)	New Zealand dollar
Borneo (southern part) (700)	Indonesian rupiah	Norfolk Island (836)	Australian dollar
British Virgin Islands (468)	US dollar	Northern Mariana Islands (820)	US dollar
Canary Islands (011)	Euro		
Ceuta (021)	Euro	Palau (825)	US dollar
Chafarinas (Islands)	Euro	Pescadorez	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
		Spitzbergen/Spitsbergen (028)	Norwegian krone
Faroe Islands ¹ (041)	Danish krone	St Barthélemy (001)	Euro
(French) Guiana (001)	Euro	St Eustatius (475)	US dollar
French Polynesia (822)	CFP franc	St Martin (northern part) (001)	Euro
		St Pierre and Miquelon (408)	Euro
		Sumatra	Indonesian rupiah
Galapagos Islands (500)	US dollar	Swan Islands (424)	Honduran lempira
Gozo (Island of)	Euro		
Greenland (406)	Danish krone	Tahiti (822)	CFP franc
Guadeloupe (001)	Euro	Tibet (720)	Chinese yuan renminbi
Guam (831)	US dollar	Timor-Leste ¹ (626)	US dollar
Guernsey ¹ (107)	British pound sterling	Tokelau (839)	New Zealand dollar/Samoan tala
		Turks and Caicos Islands ¹ (454)	US dollar
Howland Island (832)	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 (832)	US dollar		
Java	Indonesian rupiah		
Jersey ¹ (108)	British pound sterling		
Kiribati ¹ (812)	Australian dollar	Wallis and Futuna (Islands) (811)	CFP franc
Kosovo (095)	Euro	Western Sahara	Moroccan dirham
Laccadive Islands	Indian rupee	Zanzibar (Island) (352)	Tanzania shilling
Les Saintes Islands (001)	Euro	Zimbabwe (382)	US dollar ²
Liechtenstein (037)	Swiss franc		

Sources: Central banks and The Statesman's Yearbook. * See Explanatory notes, p 61. ¹ Local currency is also in use. ² Principal currency; alongside the US dollar the following currencies were named as "official means of payment": South African rand,

euro, pound sterling, pula (since 2 February 2009); Japanese yen, Chinese yuan renminbi, Indian rupee, Australian dollar (since January 2014).

VI Global exchange rate arrangements and monetary policy framework *

As of end-April 2015

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		Brunei Darussalam			
Conventional peg	Aruba Bahamas Bahrain Barbados Belize Curaçao and Sint Maarten (southern part) Eritrea Iraq Jordan Oman Qatar Saudi Arabia South Sudan Turkmenistan United Arab Emirates Venezuela, Bolivarian Republic of	Cabo Verde Comoros Denmark ⁴ 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 Morocco Samoa	Bhutan Lesotho Namibia Nepal Swaziland			Solomon Islands ³
Stabilised arrangement	Cambodia Guyana Lebanon Maldives Suriname Trinidad and Tobago	Macedonia, former Yugoslav Republic	Singapore Viet Nam ⁷		Bangladesh ⁷ Bolivia, Plurinational State of ⁷ Burundi ⁷ Congo, Democratic Republic of the ⁷ Guinea ⁷ Sri Lanka ⁷ Yemen ⁷	Czech Republic ⁸	Azerbaijan ⁷ Costa Rica Egypt ⁷ Kazakhstan ⁹ Mauritania ⁸
Crawling peg	Honduras ⁸ Nicaragua		Botswana				
Crawl-like arrangement	Jamaica ⁹	Croatia	Iran, Islamic Republic of ^{7 8 10} Libya		Belarus ⁷ China ⁷ Ethiopia ⁷ Rwanda ⁸ Tajikistan ⁷ Uzbekistan ⁷	Armenia ⁷ Dominican Republic ⁷ Guatemala ⁷	Angola ⁷ Argentina ⁷ Haiti ⁷ Lao People's Dem. Rep. ⁷ Papua New Guinea Switzerland ¹¹ Tunisia ^{3 9}

VI Global exchange rate arrangements and monetary policy framework *

As of end-April 2015

Exchange rate arrangement	Monetary Policy Framework						
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework	Other ¹
	US dollar	Euro	Exchange rate anchor Composite	Other			
Pegged exchange rate within horizontal bands			Tonga				
Other managed arrangement	Liberia		Algeria Syrian Arab Republic		Myanmar Nigeria	Kyrgyzstan Malaysia Pakistan Sudan Vanuatu	
Floating					Afghanistan Gambia Madagascar Malawi Mozambique Seychelles Sierra Leone Tanzania, United Republic of Ukraine Uruguay	Albania Brazil Colombia Georgia Ghana Hungary Iceland India Indonesia Israel Korea, Republic of Moldova, Republic of New Zealand Paraguay Peru Philippines Romania Russian Federation Serbia South Africa Thailand Turkey Uganda	Kenya ⁹ 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 Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2015, Table 2, IMF, Washington. * See Explanatory notes, pp 62–63. **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 country maintains a de facto exchange rate anchor to a composite. **4** The member participates in the ERM II. **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 central bank has taken preliminary steps toward inflation targeting. **10** The exchange rate arrangement was reclassified twice during this reporting period. **11** The country maintains a de facto exchange rate anchor to the euro.

VII ISO currency codes *

As of end-April 2016

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 65 ff.

VII ISO currency codes *

As of end-April 2016

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

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 current 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 August 2015, pp 40-42).

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-19						EER-38					
	1995 to 1997	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	2010 to 2012	1995 to 1997	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	2010 to 2012
	Period of use of weights											
	Up to end of 1997	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	From 2010	Up to end of 1997	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	From 2010
EER-38 group							100	100	100	100	100	100
EER-19 group	100	100	100	100	100	100						
Australia	0.95	0.87	0.90	0.92	0.91	0.96	0.77	0.71	0.74	0.75	0.73	0.76
Bulgaria	0.32	0.36	0.45	0.55	0.63	0.62	0.26	0.30	0.37	0.44	0.51	0.49
Canada	1.81	1.91	1.91	1.77	1.63	1.52	1.47	1.57	1.57	1.44	1.32	1.21
China	5.48	6.47	9.21	13.82	18.37	22.18	4.44	5.32	7.58	11.20	14.78	17.67
Croatia	0.66	0.54	0.61	0.65	0.63	0.47	0.54	0.44	0.50	0.53	0.51	0.37
Czech Republik	2.71	2.91	3.65	4.19	5.07	5.18	2.20	2.39	3.01	3.40	4.08	4.12
Denmark	3.19	2.84	2.80	2.72	2.65	2.17	2.59	2.34	2.30	2.20	2.13	1.73
Hong Kong	2.43	2.08	1.87	1.87	1.67	1.78	1.97	1.71	1.54	1.52	1.35	1.42
Hungary	1.88	2.62	3.02	3.16	3.17	2.85	1.52	2.16	2.48	2.56	2.55	2.27
Japan	11.87	10.76	9.21	8.22	7.14	6.69	9.63	8.85	7.58	6.66	5.75	5.33
Korea, Republic of	3.58	3.30	3.41	3.99	3.99	3.97	2.91	2.72	2.81	3.23	3.21	3.16
Norway	1.59	1.42	1.27	1.31	1.33	1.19	1.29	1.17	1.05	1.06	1.07	0.95
Poland	2.92	3.37	3.97	4.88	6.24	6.40	2.37	2.78	3.27	3.95	5.02	5.10
Romania	0.87	0.98	1.36	1.71	1.96	2.08	0.70	0.80	1.12	1.39	1.57	1.66
Singapore	2.26	1.93	1.69	1.74	1.48	1.58	1.84	1.59	1.39	1.41	1.19	1.26
Sweden	5.87	5.34	4.79	5.08	4.84	4.52	4.77	4.39	3.95	4.12	3.90	3.60
Switzerland	8.28	7.27	7.09	6.63	6.61	6.91	6.72	5.98	5.84	5.37	5.32	5.51
United Kingdom	22.67	21.46	20.13	17.61	14.88	12.99	18.40	17.65	16.58	14.26	11.97	10.34
United States	20.66	23.55	22.65	19.15	16.81	15.93	16.77	19.37	18.65	15.51	13.52	12.68
Additional countries in the EER-38 group												
Algeria							0.31	0.28	0.35	0.35	0.38	0.40
Argentina							0.57	0.49	0.27	0.26	0.30	0.38
Brazil							1.50	1.38	1.21	1.24	1.38	1.43
Chile							0.34	0.31	0.32	0.42	0.42	0.41
China (Taiwan)							2.28	2.38	2.09	1.83	1.50	1.52
Iceland							0.05	0.06	0.07	0.08	0.09	0.09
India							1.46	1.35	1.46	1.76	2.15	2.45
Indonesia							1.01	0.78	0.73	0.61	0.62	0.69
Israel							1.06	1.01	0.88	0.72	0.67	0.68
Malaysia							1.21	1.15	1.17	1.13	1.05	1.02
Mexico							0.87	1.18	1.28	1.19	1.20	1.33
Morocco							0.63	0.62	0.57	0.61	0.58	0.59
New Zealand							0.13	0.11	0.13	0.13	0.11	0.10
Philippines							0.40	0.52	0.50	0.42	0.30	0.28
Russian Federation							2.49	1.83	2.22	2.98	3.47	3.49
South Africa							0.94	0.89	0.92	1.03	0.95	0.98
Thailand							1.20	0.99	1.02	1.04	1.10	1.12
Turkey							2.16	2.21	2.30	3.04	3.13	3.26
Venezuela, Bolivarian Republic of							0.23	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 12 countries as well as for a group of 18 countries.

■ 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 still defined as the sum of the values of fixed amounts of four currencies.

The composition of the currency basket as well as the weight and amounts of the currency units in the basket are reviewed every five years. As a result of the 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 of the initial new percentage weights (column (b)) such that, on 30 Decem-

ber 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

In August 2015, the IMF's Executive Board extended the use of the existing SDR basket until 30 September 2016.

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

In the most recently concluded review (November 2015), the Executive Board decided that, effective 1 October 2016, the Chinese yuan renminbi (CNY) will be included in the SDR basket as the fifth currency.

The current criteria for inclusion were adopted by the Executive Board in 2000. They establish that the SDR basket comprises the currencies that are issued by member countries or monetary unions whose exports had the largest value over a five-year period, and have been determined by the IMF to be "freely usable". In the case of a monetary union, exports of goods and services do not cover cross-border trade between the members of the monetary union.

The export criterion, which acts as a "gateway", aims to ensure that currencies that qualify for the basket are those issued by member countries or monetary unions that play a central role in the global economy. This criterion has been part of the SDR methodology since the 1970s.

The requirement for currencies in the SDR basket to be also freely usable is the second criterion, and it was incorporated in 2000 to reflect formally the importance of financial transactions for the purposes of valuing the SDR basket.

A “freely usable” currency is defined in the IMF’s Articles of Agreement to mean a currency that the IMF determines is, in fact, widely used to make payments for international transactions, and is widely traded in the major exchange markets. The concept of a freely usable currency concerns the actual international use and trading of a currency, and is different from whether a currency is either freely floating or fully convertible. A currency can be widely used and widely traded even if it is subject to some capital account restrictions. On the other hand, a currency that is fully convertible is not necessarily widely used and widely traded.

In its November 2015 decision, the Executive Board deemed that China, as the world’s third-largest exporter, met the first inclusion criterion. The IMF also determined the CNY to be freely usable, thus meeting the second criterion for basket inclusion.

The IMF also adopted a new formula for determining currency weights in the SDR basket. It assigns equal shares to the currency issuer’s exports and a composite financial indicator. The financial indicator comprises, in equal shares, official reserves denominated in the member country’s (or monetary union’s) currency that are held by other monetary authorities that are not issuers of the relevant currency, foreign exchange turnover in the relevant currency, and the sum of all outstanding international bank liabilities and international debt securities denominated in the currency.

The following percentage weights based on the new formula will be used to determine the amounts of each of the five currencies in the new SDR basket that will take effect on 1 October 2016:

US dollar	41.73
Euro	30.93
Chinese yuan renminbi	10.92
Japanese yen	8.33
Pound sterling	8.09

The amounts of each currency in the revised basket will be calculated on 30 September 2016, in accordance with the above-listed weights. The calculation will be made on the basis of the average exchange rates for these currencies over the three months ending on that date, in a manner that ensures that the value of the SDR will be the same on 30 September 2016 under the revised valuation basket. The IMF will publish illustrative currency amounts in the weeks leading up to 1 October 2016.

The IMF uses the SDR as unit of account for its transactions and for all conversions into national currencies. In addition, the SDR is used by public and private bodies 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 2015 (see Table VI, pp 46-47) is based on the IMF’s *Annual Report on Exchange Arrangements and Exchange Restrictions 2015*, 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. The IMF’s system distinguishes between four major categories. The category “hard pegs” (fixed exchange rate anchors) is subdivided into exchange arrangements with no separate legal tender and currency board arrangements (institutionalised, unilateral exchange rate peg). The category “soft pegs” (less stringent exchange rate anchors) comprises conventional fixed peg arrangements (exchange rate guarantee but no irrevocable parity), stabilised arrangements (exchange rate within a narrow band without any political obligation), crawling pegs (moving central rate without a band), crawl-like arrangements (moving central rate with an annual minimum rate of change) and pegged exchange rates within horizontal bands. The category “floating regimes” (market-determined rates) distinguishes between free-floating rates (intervention in exceptional cases only) and floating rates (more frequent modes of intervention). All other exchange rate arrangements are grouped under the category “residual” (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 convertible peso (CUC), which is primarily intended for use by foreigners, there is the Cuban peso (CUP), which is generally used to pay wages and salaries.

In its national accounts, the Cuban government has set the CUC to CUP exchange rate at 1:1. In reality, Cuban pesos can only be exchanged for convertible pesos at a considerable discount.

With effect from 18 March 2005, the Cuban central bank decreed (Acuerdo no 13/2005) that the exchange rate for currency conversion by individuals would be as follows.

The government foreign exchange bureaux (CADECA - casas de cambio) will pay CUP 24 per CUC or USD. Individuals wanting to purchase CUC must, as of that date, pay CUP 25 per CUC.

The euro is also an accepted form of payment in some tourist locations.

Egypt

On 14 March 2016, the Central Bank of Egypt decided to adopt a more flexible exchange rate regime.

After this decision, we recorded the following exchange rates (buying/selling):

15 March 2016 USD 1 = EGP 8.9499 / 8.9500
 EUR 1 = EGP 9.8881 / 9.9560.

Calculated using the exchange rates at the end of February (see p 26) and the above-mentioned rates, the Egyptian pound experienced a devaluation of 12.5% against the US dollar and 13.9% against the euro (on average).

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; these controls have been renewed and amended several times.

Guinea-Bissau

See Explanatory notes on Benin.

India

Units of account for larger amounts: 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 34,730 and EUR 1 = IRR 39,330 at the end of April 2016, 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.

Nigeria

Alongside the published exchange rates, there are bureau de change rates, which deviate from the published rates. According to press reports, the bureau de change rates stood at USD 1 = NGN 300 at the beginning of February 2016.

Panama

The US dollar is legal tender alongside the balboa, which is in circulation exclusively in coin form.

Peru

On 15 December 2015, the currency name was changed from Nuevo Sol (PEN) to Sol (PEN).

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.

Suriname

With effect from 23 March 2016, the exchange rates (buying/selling) between the Suriname dollar and the US dollar of USD 1 = SRD 3.960 / 4.040 were changed to USD 1 = SRD 5.068 / 5.158; this corresponds to a depreciation of the Suriname dollar vis-à-vis the US dollar of 21.8% (on average).

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

22 March 2016	EUR 1 = SRD 4.463 / 4.553
23 March 2016	EUR 1 = SRD 5.682 / 5.783.

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

The exchange rate regime was modified with effect from 10 March 2016. A new system of foreign exchange controls came into force, replacing the previous system which was made up of the official market, the auction procedure SICAD (Sistema Complementario de Administración de Divisas) and the forex trading system SIMADI (Sistema Marginal de Divisas). The new system consists of two exchange rates: one fixed by the state (DIPRO) and a complementary exchange rate (DICOM), which is a controlled fluctuating rate.

There is still a black market in which, according to financial information providers, the exchange rate for the US dollar stood at more than 1,000 bolívares at the beginning of April 2016.

Exchange rate application until 9 March 2016

Official exchange rate

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

SIMADI

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 last auction rate was USD 1 = VEF 13.50.

Exchange rate application since 10 March 2016

DIPRO

For priority goods, services and remittances as well as for the purchase of food, medicine and basic goods and for the settlement of public external debt. In addition, for payments made in connection with transactions and investments in the areas of health care, sports, culture and

sciences and other particularly urgent cases such as payments for stays abroad for academic purposes. Since its implementation, the rate has been fixed at USD 1 = VEF 9.975 / 10.000 (buying/selling).

DICOM

For all transactions that are not included in the DIPRO (eg private trips abroad, applications for foreign currency payments by credit card, sales of foreign currency by diplomatic missions and consulates as well as the sale of foreign currency generated through the export and sale of mineral oil products). On 10 March, the exchange rate stood at USD 1 = VEF 214.7982 / 215.3366 (buying/selling).

Yemen

With effect from 3 April 2016, the exchange rates were adjusted more sharply.

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

USD 1 = YER 250.00 / 250.50

EUR 1 = YER 284.74 / 285.31

Calculated using the exchange rates at the end of March 2016 (see p 42) and the above-mentioned rates, the Yemeni rial experienced a devaluation of 14.1% against the US dollar and 14.7% against the euro (on average).