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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	Data unknown, not to be published or not meaningful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 ...	Council Regulation (EU) No ¹
1999 January 1	Austria	Austrian schilling	ATS	13.7603	2866/98
	Belgium	Belgian franc	BEF	40.3399	2866/98
	Finland	Finnish markka	FIM	5.94573	2866/98
	France	French franc	FRF	6.55957	2866/98
	Germany	Deutsche Mark	DEM	1.95583	2866/98
	Ireland	Irish pound	IEP	0.787564	2866/98
	Italy	Italian lira	ITL	1,936.27	2866/98
	Luxembourg	Luxembourg franc	LUF	40.3399	2866/98
	Netherlands	Dutch guilder	NLG	2.20371	2866/98
	Portugal	Portuguese escudo	PTE	200.482	2866/98
	Spain	Spanish peseta	ESP	166.386	2866/98
2001 January 1	Greece	Greek drachma	GRD	340.750	1478/2000
2007 January 1	Slovenia	Slovenian tolar	SIT	239.640	1086/2006
2008 January 1	Cyprus	Cyprus pound	CYP	0.585274	1135/2007
	Malta	Maltese lira	MTL	0.429300	1134/2007
2009 January 1	Slovakia	Slovak koruna	SKK	30.1260	694/2008
2011 January 1	Estonia	Estonian kroon	EEK	15.6466	671/2010
2014 January 1	Latvia	Latvian lats	LVL	0.702804	870/2013
2015 January 1	Lithuania	Lithuanian litas	LTL	3.45280	851/2014

¹ The EU regulations can be found at <http://eur-lex.europa.eu>.

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	¹ 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	¹ 353.109	² 340.750	–	–	–	–	–
	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	³ 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	⁴ 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	⁵ 239.640	–	–
	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	⁶ 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	⁷ 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	⁶ 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	⁸ 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 According to the EU communiqué of 31 December 1998. ² Until 31 December 2000; accession

to EMU on 1 January 2001. ³ Until 31 December 2010; accession to EMU on 1 January 2011. ⁴ Until 31 December 2014; accession to EMU on 1 January 2015. ⁵ Until 31 December 2006; accession to EMU on 1 January 2007. ⁶ Until 31 December 2007; accession to EMU on 1 January 2008. ⁷ Until 31 December 2013; accession to EMU on 1 January 2014. ⁸ 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	June	1	1.9558	7.5118	27.027	7.4385	314.11	4.3978	4.5178
		2	1.9558	7.4975	27.029	7.4383	313.02	4.3903	4.5200
		3	1.9558	7.4958	27.025	7.4382	312.44	4.3861	4.5188
		6	1.9558	7.5075	27.023	7.4377	311.45	4.3776	4.5192
		7	1.9558	7.5128	27.021	7.4364	310.48	4.3486	4.5073
		8	1.9558	7.5285	27.021	7.4364	310.09	4.3228	4.5064
		9	1.9558	7.5360	27.021	7.4362	311.44	4.3321	4.5095
		10	1.9558	7.5390	27.026	7.4356	311.39	4.3591	4.5148
		13	1.9558	7.5305	27.035	7.4356	312.37	4.3884	4.5178
		14	1.9558	7.5235	27.048	7.4358	313.96	4.4332	4.5235
		15	1.9558	7.5278	27.073	7.4356	313.86	4.4119	4.5358
		16	1.9558	7.5240	27.067	7.4355	315.15	4.4490	4.5390
		17	1.9558	7.5210	27.069	7.4362	314.26	4.4463	4.5355
		20	1.9558	7.5180	27.063	7.4359	312.92	4.3925	4.5393
		21	1.9558	7.5185	27.064	7.4358	314.08	4.3991	4.5408
		22	1.9558	7.5200	27.071	7.4384	314.42	4.3785	4.5260
		23	1.9558	7.5210	27.062	7.4396	314.28	4.3571	4.5114
		24	1.9558	7.5250	27.103	7.4371	317.90	4.4550	4.5345
		27	1.9558	7.5195	27.151	7.4370	318.35	4.4619	4.5160
		28	1.9558	7.5150	27.108	7.4386	317.67	4.4413	4.5247
		29	1.9558	7.5273	27.114	7.4376	316.95	4.4261	4.5253
		30	1.9558	7.5281	27.131	7.4393	317.06	4.4362	4.5234
	July	1	1.9558	7.5235	27.093	7.4380	316.52	4.3966	4.5157
		4	1.9558	7.5180	27.095	7.4410	316.93	4.4304	4.5133
		5	1.9558	7.5025	27.071	7.4399	316.33	4.4457	4.5185
		6	1.9558	7.4904	27.078	7.4411	316.60	4.4562	4.5185
		7	1.9558	7.4856	27.049	7.4411	315.52	4.4275	4.5144
		8	1.9558	7.4842	27.033	7.4412	314.08	4.4278	4.5132
		11	1.9558	7.4765	27.037	7.4372	313.07	4.4210	4.4938
		12	1.9558	7.4928	27.034	7.4378	313.94	4.4171	4.4942
		13	1.9558	7.4932	27.033	7.4378	313.39	4.4055	4.4914
		14	1.9558	7.5116	27.049	7.4378	313.64	4.4115	4.4903
		15	1.9558	7.5023	27.040	7.4375	314.95	4.4099	4.4802
		18	1.9558	7.4957	27.024	7.4387	315.01	4.3805	4.4686
		19	1.9558	7.4905	27.014	7.4389	314.73	4.3729	4.4772
		20	1.9558	7.4855	27.022	7.4384	315.05	4.3758	4.4741
		21	1.9558	7.4845	27.025	7.4390	314.61	4.3692	4.4686
		22	1.9558	7.4863	27.023	7.4390	313.34	4.3554	4.4609
		25	1.9558	7.4853	27.025	7.4393	312.64	4.3578	4.4480
		26	1.9558	7.4855	27.021	7.4393	313.16	4.3629	4.4657
		27	1.9558	7.4860	27.035	7.4392	313.56	4.3733	4.4660
		28	1.9558	7.4855	27.045	7.4398	312.15	4.3636	4.4585
		29	1.9558	7.4875	27.031	7.4374	312.19	4.3630	4.4655
	Aug	1	1.9558	7.4855	27.029	7.4389	311.01	4.3510	4.4540
		2	1.9558	7.4927	27.032	7.4390	311.10	4.3241	4.4542
		3	1.9558	7.4963	27.034	7.4387	311.00	4.3130	4.4550
		4	1.9558	7.4827	27.027	7.4383	311.18	4.2940	4.4605
		5	1.9558	7.4843	27.022	7.4373	310.62	4.2841	4.4622
		8	1.9558	7.4799	27.027	7.4368	311.02	4.2786	4.4584
		9	1.9558	7.4855	27.027	7.4367	310.37	4.2669	4.4598
		10	1.9558	7.4827	27.025	7.4384	310.41	4.2684	4.4585
		11	1.9558	7.4952	27.020	7.4386	310.26	4.2604	4.4601
		12	1.9558	7.4916	27.018	7.4398	310.02	4.2658	4.4590
		15	1.9558	7.4925	27.023	7.4405	309.49	4.2695	4.4594
		16	1.9558	7.4830	27.020	7.4397	309.91	4.2696	4.4583
		17	1.9558	7.4759	27.023	7.4413	310.63	4.2907	4.4753
		18	1.9558	7.4826	27.024	7.4417	310.42	4.2925	4.4687
		19	1.9558	7.4851	27.022	7.4417	310.28	4.2992	4.4658
		22	1.9558	7.4890	27.024	7.4421	310.15	4.3019	4.4583
		23	1.9558	7.4862	27.023	7.4423	310.49	4.3126	4.4568
		24	1.9558	7.4920	27.022	7.4432	309.99	4.3039	4.4597
		25	1.9558	7.4916	27.026	7.4441	309.80	4.3123	4.4526
		26	1.9558	7.4893	27.024	7.4462	308.50	4.3244	4.4578
		29	1.9558	7.4852	27.023	7.4451	308.76	4.3314	4.4576
		30	1.9558	7.4846	27.025	7.4448	308.97	4.3436	4.4505
		31	1.9558	7.4785	27.026	7.4432	310.34	4.3533	4.4575
	Sep	1	1.9558	7.4808	27.025	7.4418	310.05	4.3645	4.4558
		2	1.9558	7.4803	27.022	7.4403	310.13	4.3914	4.4525
		5	1.9558	7.5010	27.021	7.4407	309.33	4.3541	4.4495
		6	1.9558	7.4942	27.021	7.4415	309.80	4.3388	4.4513
		7	1.9558	7.4865	27.021	7.4441	308.65	4.3186	4.4525
		8	1.9558	7.4850	27.021	7.4429	308.06	4.3103	4.4514

* See Explanatory notes, p 51.

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

		Other European and non-European countries							
Sweden	United Kingdom	Australia	Brazil	Canada	China	Hong Kong	India		
Swedish krona SEK	Pound sterling GBP	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Hong Kong dollar HKD	Indian rupee INR	Period	
9.2796	0.77358	1.5370	4.0211	1.4586	7.3498	8.6818	75.3780	2016 June 1	
9.2945	0.77335	1.5516	4.0235	1.4662	7.3639	8.6932	75.2970	2	
9.2605	0.77285	1.5397	3.9973	1.4594	7.3468	8.6683	75.0110	3	
9.2460	0.78720	1.5417	3.9934	1.4665	7.4520	8.8154	75.9995	6	
9.2238	0.77880	1.5260	3.9788	1.4505	7.4579	8.8145	75.7405	7	
9.2283	0.78048	1.5228	3.8786	1.4430	7.4727	8.8338	75.7210	8	
9.2433	0.78438	1.5250	3.8378	1.4459	7.4405	8.8047	75.6925	9	
9.3233	0.78480	1.5274	3.8662	1.4410	7.4143	8.7738	75.5200	10	
9.3265	0.79515	1.5228	3.8760	1.4390	7.4212	8.7470	75.6125	13	
9.3184	0.79478	1.5277	3.9273	1.4449	7.4015	8.7113	75.5550	14	
9.3540	0.79158	1.5188	3.8945	1.4438	7.3905	8.7162	75.3670	15	
9.3915	0.79033	1.5212	3.8943	1.4530	7.3593	8.6715	75.2010	16	
9.3815	0.78770	1.5234	3.8942	1.4519	7.4171	8.7338	75.4975	17	
9.3338	0.77375	1.5188	3.8286	1.4520	7.4562	8.7936	76.3280	20	
9.3240	0.76755	1.5073	3.8100	1.4451	7.4466	8.7778	76.4493	21	
9.3468	0.76793	1.5033	3.8357	1.4399	7.4227	8.7524	76.1553	22	
9.3030	0.76595	1.5060	3.8172	1.4517	7.4935	8.8351	76.6510	23	
9.4610	0.80750	1.4910	3.8063	1.4392	7.3301	8.5887	75.2540	24	
9.4050	0.83400	1.4857	3.7430	1.4350	7.3108	8.5325	74.7365	27	
9.4425	0.82720	1.4984	3.7183	1.4438	7.3606	8.5925	75.2070	28	
9.4311	0.82550	1.4911	3.6216	1.4407	7.3680	8.6041	74.9693	29	
9.4242	0.82650	1.4929	3.5898	1.4384	7.3755	8.6135	74.9603	30	
9.3900	0.83830	1.4884	3.5837	1.4390	7.4111	8.6393	74.9698	July 1	
9.3910	0.83905	1.4792	3.6131	1.4328	7.4229	8.6418	74.9065	4	
9.4329	0.84997	1.4902	3.6655	1.4418	7.4379	8.6474	75.2034	5	
9.4671	0.85300	1.4812	3.6787	1.4419	7.4018	8.5885	74.6283	6	
9.4792	0.85085	1.4737	3.6894	1.4328	7.4044	8.5966	74.7044	7	
9.4685	0.85243	1.4731	3.6942	1.4406	7.4011	8.5866	74.5132	8	
9.4760	0.85097	1.4617	3.6651	1.4437	7.3926	8.5731	74.1865	11	
9.4470	0.84275	1.4532	3.6414	1.4452	7.4148	8.6051	74.4220	12	
9.4368	0.83398	1.4517	3.6517	1.4452	7.4077	8.5892	74.2155	13	
9.4413	0.83311	1.4588	3.6041	1.4422	7.4577	8.6538	74.5940	14	
9.4556	0.83275	1.4538	3.6232	1.4317	7.4355	8.6283	74.5850	15	
9.4679	0.83372	1.4557	3.5963	1.4315	7.4089	8.5713	74.2758	18	
9.4922	0.83950	1.4727	3.6078	1.4364	7.3875	8.5585	74.0824	19	
9.4684	0.83605	1.4712	3.5761	1.4382	7.3501	8.5405	74.0123	20	
9.4736	0.83595	1.4710	3.5804	1.4376	7.3505	8.5426	74.0373	21	
9.4979	0.84108	1.4717	3.6138	1.4436	7.3500	8.5420	73.8783	22	
9.5070	0.83670	1.4666	3.5758	1.4465	7.3356	8.5190	73.9624	25	
9.5124	0.83710	1.4599	3.6080	1.4553	7.3357	8.5301	74.0420	26	
9.5370	0.83875	1.4715	3.6056	1.4497	7.3311	8.5253	73.8700	27	
9.5497	0.84220	1.4735	3.6306	1.4595	7.3838	8.6022	74.3543	28	
9.5673	0.84400	1.4782	3.6478	1.4643	7.3908	8.6210	74.4070	29	
9.5833	0.84540	1.4751	3.6361	1.4587	7.4136	8.6623	74.4640	Aug 1	
9.5537	0.84310	1.4717	3.6549	1.4608	7.4233	8.6863	74.6730	2	
9.5146	0.83910	1.4750	3.6606	1.4672	7.4234	8.6898	74.9224	3	
9.5105	0.84603	1.4604	3.5894	1.4536	7.3961	8.6384	74.4740	4	
9.5043	0.84810	1.4567	3.5501	1.4529	7.4110	8.6521	74.4919	5	
9.5250	0.84955	1.4520	3.5239	1.4573	7.3848	8.5999	74.1000	8	
9.4875	0.85399	1.4463	3.5045	1.4567	7.3798	8.5950	74.0990	9	
9.4811	0.85541	1.4450	3.4911	1.4557	7.4169	8.6748	74.5310	10	
9.4310	0.86038	1.4460	3.5156	1.4559	7.4031	8.6506	74.5558	11	
9.4299	0.86050	1.4535	3.5287	1.4478	7.4173	8.6551	74.6069	12	
9.4601	0.86677	1.4577	3.5463	1.4446	7.4203	8.6725	74.7779	15	
9.4532	0.87060	1.4602	3.5741	1.4477	7.4772	8.7604	75.4101	16	
9.4951	0.86640	1.4780	3.6238	1.4529	7.4825	8.7457	75.3999	17	
9.4759	0.86073	1.4766	3.6484	1.4524	7.5066	8.7784	75.6332	18	
9.4936	0.86537	1.4877	3.6659	1.4547	7.5341	8.7821	76.0850	19	
9.4825	0.86240	1.4856	3.6339	1.4602	7.5195	8.7656	75.9920	22	
9.4673	0.85995	1.4823	3.6146	1.4625	7.5301	8.7914	76.0496	23	
9.4545	0.85130	1.4782	3.6463	1.4581	7.5013	8.7370	75.6268	24	
9.4956	0.85570	1.4840	3.6365	1.4597	7.5146	8.7553	75.6974	25	
9.4903	0.85450	1.4771	3.6441	1.4546	7.5318	8.7555	75.6470	26	
9.4940	0.85476	1.4790	3.6710	1.4536	7.4608	8.6637	75.0335	29	
9.5008	0.85170	1.4787	3.5991	1.4562	7.4565	8.6631	74.8703	30	
9.5159	0.84806	1.4806	3.6016	1.4583	7.4311	8.6357	74.5562	31	
9.5490	0.84050	1.4801	3.6026	1.4634	7.4452	8.6463	74.6330	Sep 1	
9.5985	0.84260	1.4810	3.6549	1.4643	7.4755	8.6815	74.7620	2	
9.5478	0.83643	1.4696	3.6258	1.4436	7.4496	8.6517	74.1400	5	
9.5360	0.83535	1.4625	3.6445	1.4405	7.4525	8.6543	74.1975	6	
9.5063	0.83968	1.4637	3.5944	1.4444	7.4876	8.7145	74.5655	7	
9.4945	0.84560	1.4632	3.5982	1.4546	7.5255	8.7615	74.9830	8	

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
		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 June	1	15,273.74	4.3042	122.07	1,331.53	4.6409	20.6531	1.6373	9.3083
	2	15,268.82	4.3105	121.96	1,329.35	4.6495	20.7779	1.6474	9.3360
	3	15,146.02	4.3239	121.47	1,322.41	4.6261	20.8803	1.6287	9.2853
	6	15,162.26	4.3502	121.58	1,323.00	4.6472	21.0626	1.6378	9.2935
	7	15,032.70	4.3356	122.16	1,311.68	4.6050	21.0712	1.6320	9.2225
	8	15,025.79	4.3531	121.77	1,311.38	4.5811	20.6820	1.6226	9.2055
	9	15,073.44	4.3610	120.72	1,316.56	4.5911	20.6766	1.5936	9.2489
	10	15,029.37	4.3532	120.79	1,316.14	4.5985	20.8033	1.5950	9.2725
	13	15,011.14	4.3609	119.51	1,322.63	4.6108	21.0672	1.5949	9.3265
	14	14,992.00	4.3405	118.98	1,324.26	4.6086	21.3172	1.6022	9.3655
	15	15,010.63	4.3531	119.29	1,316.08	4.6054	21.1993	1.5974	9.3415
	16	14,970.82	4.3228	116.65	1,315.79	4.5885	21.1845	1.5899	9.3798
	17	14,996.53	4.3572	117.34	1,318.22	4.6153	21.2471	1.5959	9.4310
	20	15,024.25	4.3632	118.57	1,312.29	4.5942	21.0894	1.5936	9.3575
	21	15,005.19	4.3667	118.39	1,304.05	4.5563	21.0037	1.5804	9.3718
	22	14,988.34	4.3471	118.01	1,297.62	4.5430	21.0048	1.5732	9.3555
	23	14,961.77	4.3552	120.38	1,304.47	4.5469	20.8305	1.5763	9.2993
	24	14,837.95	4.3113	113.23	1,296.89	4.5511	20.8811	1.5613	9.4200
	27	14,733.50	4.2873	111.80	1,302.91	4.5147	20.9644	1.5569	9.4045
	28	14,595.53	4.2972	113.40	1,294.19	4.5077	20.9827	1.5671	9.3785
	29	14,577.25	4.2793	113.85	1,283.15	4.4594	20.7331	1.5565	9.3065
	30	14,601.70	4.2761	114.05	1,278.48	4.4301	20.6347	1.5616	9.3008
July	1	14,597.99	4.2795	114.29	1,275.76	4.4376	20.1814	1.5508	9.2975
	4	14,586.69	4.2916	114.29	1,278.83	4.4459	20.4241	1.5452	9.2538
	5	14,633.23	4.3121	113.50	1,289.88	4.4897	20.8069	1.5522	9.3197
	6	14,617.72	4.3114	111.48	1,289.10	4.4828	20.9024	1.5556	9.3517
	7	14,603.44	4.3006	111.90	1,280.63	4.4636	20.7274	1.5338	9.3782
	8	14,605.20	4.3011	111.17	1,280.91	4.4535	20.7956	1.5221	9.3930
	11	14,476.95	4.2913	113.23	1,268.78	4.4110	20.3780	1.5250	9.4061
	12	14,555.48	4.2962	115.29	1,271.30	4.3964	20.2867	1.5184	9.3499
	13	14,443.98	4.2832	115.82	1,265.58	4.3659	20.2800	1.5154	9.3145
	14	14,562.12	4.2923	117.88	1,262.25	4.3816	20.3522	1.5474	9.3247
	15	14,563.77	4.2818	117.63	1,260.06	4.3932	20.4417	1.5534	9.3183
	18	14,468.93	4.2650	116.82	1,257.60	4.3971	20.4348	1.5555	9.3627
	19	14,443.16	4.2582	117.20	1,257.60	4.4205	20.3706	1.5684	9.3489
	20	14,433.83	4.2491	117.33	1,257.06	4.4456	20.3683	1.5658	9.3552
	21	14,448.38	4.2463	117.05	1,253.58	4.4860	20.5428	1.5789	9.3541
	22	14,445.45	4.2232	116.86	1,251.19	4.4696	20.4913	1.5748	9.3847
	25	14,426.50	4.2229	116.64	1,250.46	4.4692	20.4059	1.5709	9.4102
	26	14,488.80	4.2260	114.67	1,249.22	4.4693	20.6734	1.5561	9.4370
	27	14,447.16	4.2213	116.23	1,247.17	4.4893	20.6866	1.5631	9.4387
	28	14,530.67	4.2383	116.14	1,251.17	4.5018	20.8716	1.5646	9.4405
	29	14,559.70	4.2494	114.83	1,246.83	4.5200	21.0288	1.5615	9.5092
Aug	1	14,549.55	4.2513	114.28	1,236.21	4.4954	20.9306	1.5545	9.4455
	2	14,627.57	4.2704	113.72	1,239.02	4.5187	21.1050	1.5497	9.4363
	3	14,738.64	4.2811	113.22	1,251.34	4.5413	21.1797	1.5577	9.4236
	4	14,649.41	4.2612	112.66	1,241.88	4.5057	20.9694	1.5479	9.4118
	5	14,617.71	4.2633	112.73	1,237.73	4.4927	21.0282	1.5473	9.4022
	8	14,552.80	4.2435	113.59	1,229.38	4.4694	20.6443	1.5548	9.4065
	9	14,547.53	4.2319	113.27	1,224.66	4.4668	20.5015	1.5522	9.3570
	10	14,627.55	4.2597	113.09	1,223.53	4.4624	20.4917	1.5418	9.2571
	11	14,610.43	4.2520	113.05	1,226.97	4.4676	20.5527	1.5390	9.2293
	12	14,623.67	4.2553	113.77	1,234.19	4.4915	20.3881	1.5497	9.1635
	15	14,641.33	4.2585	112.97	1,229.06	4.4757	20.2774	1.5498	9.1752
	16	14,774.99	4.2662	112.74	1,232.41	4.4867	20.2785	1.5488	9.2101
	17	14,827.94	4.2770	113.53	1,252.95	4.5172	20.4678	1.5596	9.2812
	18	14,871.27	4.2787	113.60	1,257.07	4.5281	20.5540	1.5578	9.2389
	19	14,941.26	4.2676	113.53	1,269.15	4.5534	20.7543	1.5606	9.3048
	22	14,955.58	4.2725	113.73	1,270.24	4.5598	20.6901	1.5605	9.3281
	23	14,991.29	4.2734	113.48	1,265.68	4.5645	20.6848	1.5482	9.2875
	24	14,969.54	4.2506	112.95	1,264.96	4.5537	20.8945	1.5400	9.2460
	25	14,973.93	4.2482	113.45	1,260.33	4.5474	20.8385	1.5453	9.2771
	26	14,906.00	4.2444	113.33	1,258.02	4.5349	20.7197	1.5418	9.2501
	29	14,819.24	4.2319	114.24	1,254.70	4.5183	20.7643	1.5438	9.2731
	30	14,814.35	4.2241	114.27	1,244.47	4.5205	20.7542	1.5427	9.2873
	31	14,786.64	4.2229	115.01	1,243.66	4.5519	20.9424	1.5353	9.2765
Sep	1	14,804.78	4.2059	115.59	1,250.35	4.5675	20.9550	1.5357	9.3050
	2	14,827.37	4.2135	115.83	1,248.91	4.5740	21.0145	1.5329	9.3170
	5	14,658.43	4.2058	115.24	1,234.36	4.5472	20.6487	1.5252	9.2458
	6	14,637.26	4.2005	115.39	1,233.76	4.5545	20.6702	1.5205	9.2113
	7	14,675.52	4.2248	114.23	1,224.94	4.5594	20.6223	1.5054	9.1943
	8	14,720.30	4.2351	114.80	1,230.87	4.5664	20.7145	1.5158	9.1950

* See Explanatory notes, p 51.

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	
52.110	74.7806	1.5375	17.5384	1.1055	39.846	3.2938	1.1174	2016 June 1
52.107	75.0420	1.5399	17.4454	1.1062	39.829	3.2973	1.1188	2
51.821	74.9088	1.5351	17.3778	1.1050	39.719	3.2902	1.1154	3
52.398	74.1968	1.5424	17.0065	1.1051	40.028	3.3014	1.1349	6
52.229	73.7121	1.5362	16.8695	1.0979	39.990	3.2897	1.1348	7
52.223	72.5458	1.5337	16.7612	1.0942	39.994	3.2799	1.1378	8
52.188	72.8220	1.5336	16.8160	1.0916	39.950	3.2850	1.1343	9
51.978	73.1420	1.5307	17.0584	1.0885	39.790	3.2994	1.1304	10
52.002	74.0264	1.5272	17.1000	1.0888	39.669	3.2939	1.1268	13
51.986	74.3488	1.5229	17.2368	1.0832	39.595	3.2886	1.1225	14
52.032	73.7390	1.5215	17.1016	1.0817	39.602	3.2905	1.1230	15
51.899	73.5915	1.5116	17.2240	1.0812	39.455	3.2804	1.1174	16
52.258	73.2867	1.5187	17.1218	1.0818	39.704	3.2988	1.1254	17
52.434	72.4231	1.5225	16.7941	1.0884	39.877	3.2821	1.1332	20
52.379	72.7638	1.5169	16.6044	1.0850	39.837	3.2791	1.1314	21
52.434	72.2660	1.5112	16.5770	1.0830	39.716	3.2750	1.1283	22
52.879	72.9548	1.5252	16.4651	1.0876	40.101	3.2692	1.1389	23
51.947	72.6282	1.4973	16.7318	1.0808	39.085	3.2457	1.1066	24
51.984	71.7922	1.4955	16.8551	1.0736	38.839	3.2386	1.0998	27
52.150	71.6883	1.5006	16.8831	1.0845	39.062	3.2201	1.1073	28
52.106	71.0452	1.4951	16.6016	1.0854	39.028	3.2157	1.1090	29
52.241	71.5200	1.4957	16.4461	1.0867	39.007	3.2060	1.1102	30
52.334	71.3087	1.4959	16.2287	1.0835	39.033	3.2077	1.1135	July 1
52.176	71.0115	1.4989	16.1416	1.0839	39.028	3.2284	1.1138	4
52.386	71.6075	1.5040	16.4420	1.0837	39.163	3.2550	1.1146	5
52.153	71.6165	1.4969	16.4815	1.0821	38.952	3.2628	1.1069	6
52.157	70.9286	1.4934	16.2433	1.0820	38.979	3.2468	1.1080	7
52.252	70.9558	1.4903	16.2687	1.0855	39.039	3.2402	1.1070	8
52.309	70.9862	1.4910	15.9573	1.0867	38.817	3.2027	1.1049	11
52.534	70.8144	1.4939	15.8657	1.0904	39.011	3.2028	1.1092	12
52.182	70.6406	1.4903	15.8695	1.0909	38.951	3.2047	1.1072	13
52.436	70.4687	1.4978	15.8563	1.0900	39.115	3.2223	1.1157	14
51.950	70.3711	1.4961	15.9668	1.0899	38.898	3.2125	1.1128	15
51.650	69.7145	1.4900	15.7685	1.0869	38.647	3.2680	1.1053	18
51.735	69.5272	1.4921	15.8098	1.0877	38.615	3.2878	1.1035	19
51.917	69.7877	1.4962	15.7296	1.0882	38.583	3.3463	1.1013	20
51.975	70.3897	1.4931	15.7433	1.0872	38.564	3.3841	1.1015	21
51.836	71.0806	1.4934	15.6920	1.0860	38.463	3.3560	1.1014	22
51.751	71.2651	1.4944	15.6755	1.0839	38.482	3.3277	1.0982	25
51.855	72.8920	1.4925	15.8672	1.0870	38.494	3.3508	1.0997	26
51.872	72.5463	1.4926	15.7081	1.0928	38.451	3.3422	1.0991	27
52.242	73.6747	1.4977	15.7968	1.0892	38.676	3.3491	1.1090	28
52.431	74.4883	1.5015	15.7301	1.0823	38.712	3.3523	1.1113	29
52.474	73.8736	1.4966	15.5121	1.0807	38.806	3.3424	1.1164	Aug 1
52.626	74.5098	1.4986	15.6368	1.0810	38.907	3.3512	1.1193	2
52.737	74.5458	1.5020	15.6581	1.0845	39.127	3.3742	1.1200	3
52.417	73.7722	1.4952	15.2998	1.0834	38.886	3.3664	1.1136	4
52.300	72.7967	1.4953	15.2536	1.0852	38.848	3.3471	1.1156	5
52.004	71.8090	1.4944	15.1284	1.0883	38.793	3.3082	1.1087	8
51.944	71.7804	1.4931	15.0072	1.0899	38.737	3.3015	1.1078	9
52.130	72.0826	1.4968	14.8482	1.0923	38.859	3.3030	1.1184	10
52.085	72.3675	1.4989	14.9080	1.0859	38.746	3.3050	1.1153	11
51.963	72.2194	1.5023	15.0700	1.0888	38.815	3.2998	1.1158	12
51.855	71.8869	1.5025	14.9346	1.0893	38.701	3.3007	1.1180	15
52.142	72.0053	1.5094	14.9524	1.0849	39.033	3.3045	1.1295	16
52.350	72.2019	1.5160	15.1708	1.0863	39.104	3.3086	1.1276	17
52.377	72.5612	1.5194	15.1227	1.0853	39.176	3.3205	1.1321	18
52.529	72.5897	1.5267	15.3019	1.0852	39.241	3.3262	1.1326	19
52.641	72.8855	1.5276	15.3625	1.0886	39.194	3.3266	1.1306	22
52.635	73.1995	1.5297	15.2793	1.0896	39.232	3.3247	1.1339	23
52.396	73.0561	1.5257	15.9380	1.0891	39.013	3.3290	1.1268	24
52.347	73.2200	1.5277	15.9528	1.0905	39.032	3.3219	1.1290	25
52.290	73.1392	1.5269	15.8622	1.0933	39.004	3.3160	1.1290	26
51.829	72.6695	1.5212	16.2300	1.0937	38.647	3.3048	1.1170	29
51.797	72.4564	1.5196	16.0537	1.0951	38.608	3.2977	1.1168	30
51.975	72.6624	1.5181	16.1731	1.0957	38.549	3.2931	1.1132	31
52.100	72.8322	1.5198	16.3512	1.0978	38.610	3.3003	1.1146	Sep 1
52.243	73.5963	1.5196	16.2567	1.0959	38.739	3.3125	1.1193	2
51.907	72.4024	1.5135	16.0116	1.0925	38.711	3.2872	1.1156	5
51.988	72.3400	1.5130	15.8513	1.0923	38.677	3.2821	1.1159	6
52.477	72.4813	1.5125	15.7627	1.0891	38.914	3.2939	1.1237	7
52.945	72.1488	1.5201	15.7057	1.0917	39.220	3.3179	1.1296	8

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 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
May	1.9558	7.4979	27.026	7.4386	314.58	4.4039	4.4991	9.2948	0.77779	1.5461
June	1.9558	7.5204	27.061	7.4371	313.98	4.3996	4.5230	9.3338	0.79049	1.5173
July	1.9558	7.4930	27.042	7.4390	314.35	4.3964	4.4856	9.4742	0.84106	1.4694
Aug	1.9558	7.4866	27.025	7.4408	310.21	4.3005	4.4591	9.4913	0.85521	1.4690

* See Explanatory notes, p 51. + 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
2.2888	1.4071	9.1857	11.1846	65.0717	12,249.95	5.0841	110.43	1,542.01	4.2822		2011 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
3.9983	1.4626	7.3864	8.7815	75.7016	15,188.82	4.3115	123.21	1,329.46	4.5755		May
3.8570	1.4477	7.4023	8.7162	75.5592	14,969.03	4.3323	118.45	1,310.59	4.5760		June
3.6263	1.4428	7.3910	8.5858	74.3738	14,520.91	4.2686	115.25	1,264.05	4.4471		July
3.5983	1.4557	7.4537	8.6961	75.0303	14,757.31	4.2559	113.49	1,245.55	4.5141		Aug

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

2 Monthly averages + (cont'd)

EUR 1 = CU ...

Other European and non-European countries (cont'd)											
	Mexico	New Zealand	Norway	Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United States
Period	Mexican peso MXN	New Zealand dollar NZD	Norwegian krone NOK	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
2011 Aug	17.5456	1.7108	7.7882	60.836	41.2954	1.7340	10.1532	1.1203	42.875	2.5147	1.4343
	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
	18.5646	1.7584	7.7868	58.743	41.8082	1.7476	11.0547	1.2307	41.969	2.4565	1.3556
Nov	18.1174	1.7102	7.7451	57.537	41.5686	1.7070	10.7829	1.2276	41.099	2.4632	1.3179
	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
	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
	17.4237	1.6538	7.5655	54.908	39.5585	1.6152	10.4412	1.2012	40.077	2.3149	1.2789
May	17.4529	1.6062	7.5401	53.510	41.1766	1.6016	10.5050	1.2011	39.640	2.2837	1.2526
	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
	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
	16.7689	1.5660	7.3371	52.716	40.2505	1.5695	11.2986	1.2052	39.391	2.3010	1.2828
Nov	16.8664	1.5777	7.3503	53.796	40.3114	1.6009	11.3179	1.2091	40.187	2.3439	1.3119
	16.8760	1.5877	7.3821	54.105	40.1847	1.6326	11.6957	1.2288	39.924	2.3543	1.3288
Jan	16.9872	1.5929	7.4232	54.355	40.3342	1.6546	11.8796	1.2298	39.839	2.3738	1.3359
	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
	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
	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
	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
	17.6340	1.6327	8.2055	58.811	44.1581	1.6833	13.7626	1.2316	42.695	2.7316	1.3493
Nov	17.8278	1.6659	8.4053	60.552	45.0628	1.7244	14.2234	1.2245	44.323	2.8276	1.3704
	17.9964	1.6450	8.3927	61.263	46.0304	1.7327	14.8242	1.2317	44.822	3.0297	1.3610
Jan	18.1561	1.6466	8.3562	61.238	48.2554	1.7295	14.9820	1.2212	44.568	3.0184	1.3659
	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
	17.7620	1.5957	8.1513	60.258	47.8403	1.7189	14.2995	1.2204	44.686	2.8736	1.3732
May	17.6516	1.5769	8.2149	59.543	46.7509	1.7008	14.5094	1.2181	44.195	2.8808	1.3592
	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
	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
	16.9850	1.5928	8.4912	56.101	57.5193	1.6173	13.8359	1.2027	40.908	2.7885	1.2472
Nov	17.8692	1.5874	8.9802	55.092	70.3269	1.6213	14.1582	1.2026	40.564	2.8304	1.2331
	17.0782	1.5213	8.9320	51.791	75.0459	1.5545	13.4598	1.0940	38.056	2.7153	1.1621
Jan	16.9310	1.5236	8.6188	50.174	73.0742	1.5382	13.1532	1.0618	36.963	2.7958	1.1350
	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
	17.0378	1.5112	8.4103	49.741	56.3735	1.4882	13.3506	1.0391	37.408	2.9491	1.1150
May	17.3467	1.6046	8.7550	50.508	61.2390	1.5091	13.7965	1.0455	37.818	3.0299	1.1213
	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
	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
	17.8605	1.6365	9.2572	50.537	69.7899	1.5181	15.1743	1.0833	38.432	3.0849	1.0736
Nov	18.5500	1.6133	9.4642	51.337	76.3576	1.5321	16.3210	1.0827	39.162	3.1800	1.0877
	19.6039	1.6654	9.5899	51.654	83.8638	1.5561	17.7592	1.0941	39.249	3.2713	1.0860
Jan	20.4826	1.6732	9.5628	52.816	85.6158	1.5596	17.4987	1.1018	39.507	3.2638	1.1093
	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
	20.4956	1.6628	9.3036	52.951	74.4745	1.5494	17.3357	1.1059	40.064	3.3230	1.1311
May	20.9430	1.5955	9.3278	52.172	73.1466	1.5205	16.9371	1.0894	39.624	3.2737	1.1229
	20.5453	1.5514	9.3690	52.102	71.2417	1.4949	15.9449	1.0867	38.794	3.2786	1.1069
Aug	20.7136	1.5491	9.3030	52.254	72.7952	1.5106	15.4198	1.0881	38.916	3.3206	1.1212

* See Explanatory notes, p 51. + 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 51. + 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	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

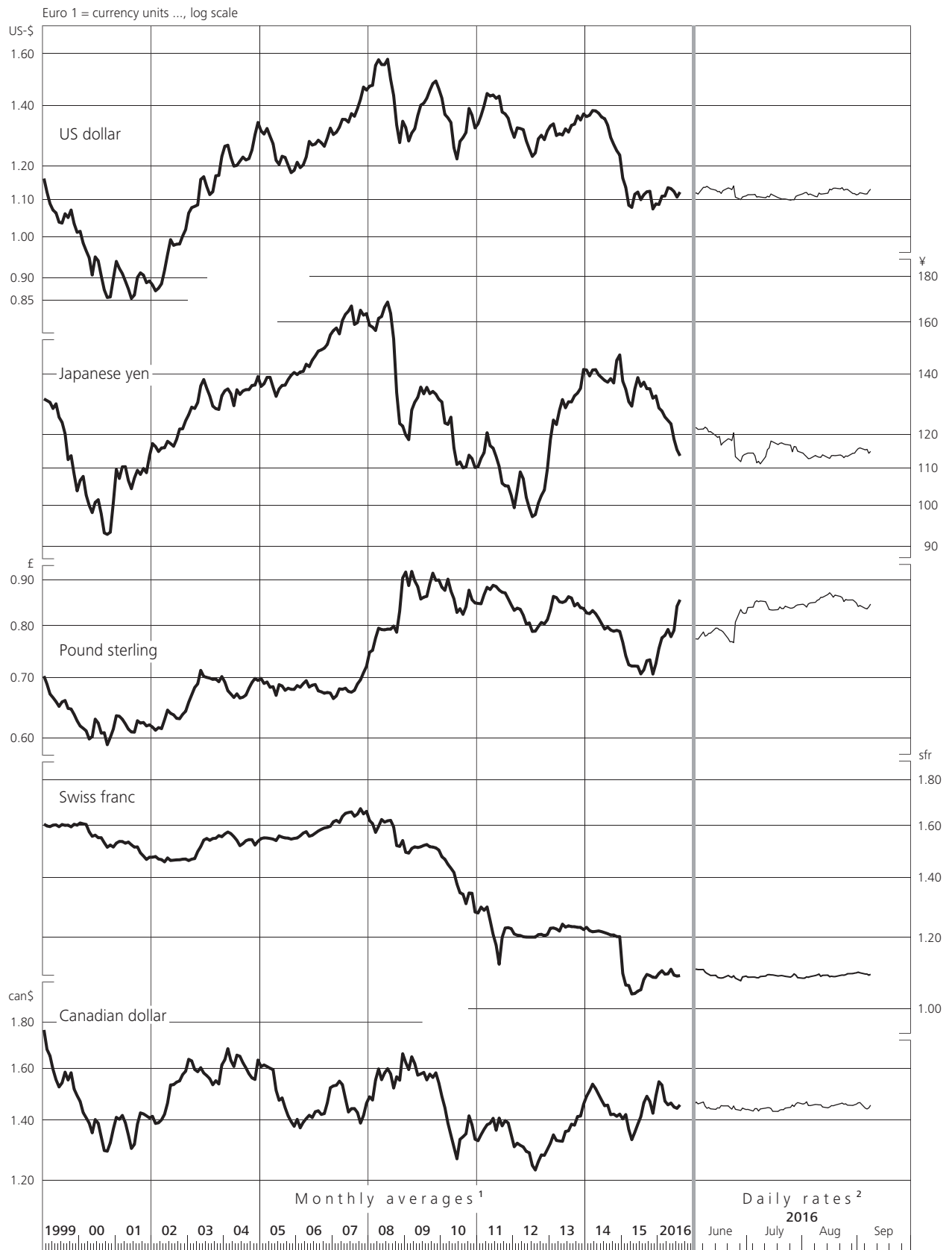
Other European and non-European countries (cont'd)										
	New Zealand	Norway	Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United States
Period	New Zealand dollar NZD	Norwegian krona NOK	Philippine peso PHP ¹	Russian rouble RUB ¹	Singapore dollar SGD	South African 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	1.6819	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 51. + 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: August 2016. ² Last updated: 8 September 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	85.8	92.9	99.0	85.7	91.9	90.8	
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	91.7	
2003	100.7	101.2	106.9	101.4	97.1	95.8	99.2	96.5	96.7	
2004	104.5	105.0	111.5	105.1	98.5	95.4	103.0	98.0	98.3	
2005	102.9	103.5	109.5	102.5	98.5	95.2	103.4	96.9	96.6	
2006	102.8	103.5	109.4	101.8	98.6	94.9	104.3	96.5	95.8	
2007	106.3	106.2	112.9	103.8	100.9	95.2	109.9	97.9	97.0	
2008	109.4	108.3	117.1	105.8	102.2	94.6	115.0	97.8	97.1	
2009	110.8	109.0	120.0	106.8	101.8	94.5	113.9	98.0	97.5	
2010	103.6	101.3	111.5	97.8	98.8	94.1	106.1	93.6	92.0	
2011	103.3	100.2	112.2	97.2	98.2	93.7	105.1	92.8	91.3	
2012	97.6	95.0	107.0	92.4	95.9	93.2	99.8	89.8	88.2	
2013	101.2	98.2	111.9	95.5	98.3	93.3	106.3	91.6	90.3	
2014	101.8	97.8	114.7	96.0	98.5	93.6	106.2	91.8	91.0	
2015	92.4	88.4	106.5	p 87.8	94.7	93.6	95.9	86.9	p 86.3	
2012 Oct	97.6	95.1	107.3	92.5	95.8	92.9	99.9	89.6	88.1	
Nov	97.0	94.4	106.7	91.8	95.8	93.0	99.7	89.4	87.8	
Dec	98.4	95.7	108.2	93.1	96.4	93.0	101.5	90.0	88.5	
2013 Jan	100.1	97.3	109.8	94.3	97.4	93.1	104.1	91.0	89.3	
Feb	101.3	98.3	111.0	95.1	98.0	93.1	105.7	91.5	89.8	
Mar	99.8	97.0	109.2	93.7	97.6	93.1	104.4	90.8	89.0	
Apr	100.0	97.1	109.5	93.7	97.9	93.3	105.1	91.0	89.2	
May	100.1	97.2	109.7	93.9	98.1	93.3	105.7	91.1	89.3	
June	101.1	98.2	111.8	95.6	98.3	93.3	106.2	91.7	90.3	
July	101.0	98.1	111.8	95.5	98.6	93.4	106.7	91.7	90.4	
Aug	101.7	98.7	113.3	96.6	98.6	93.3	107.0	91.9	90.9	
Sep	101.6	98.4	113.2	96.4	98.5	93.3	106.7	91.7	90.8	
Oct	102.5	99.0	114.1	96.8	98.9	93.4	107.7	92.1	91.1	
Nov	102.2	98.7	114.1	96.6	98.8	93.5	107.4	92.1	91.1	
Dec	103.4	99.9	115.7	98.0	99.3	93.5	108.7	92.7	91.9	
2014 Jan	103.0	99.4	115.8	97.9	99.2	93.5	108.2	92.5	91.9	
Feb	103.2	99.6	116.3	98.2	99.0	93.4	107.9	92.6	92.0	
Mar	104.3	100.6	117.5	99.0	99.3	93.4	108.7	93.1	92.5	
Apr	104.2	100.4	117.0	98.4	99.2	93.5	108.3	93.0	92.2	
May	103.6	99.5	116.1	97.3	98.8	93.5	107.3	92.6	91.5	
June	102.7	98.7	115.1	96.5	98.7	93.6	106.6	92.3	91.2	
July	102.3	98.2	114.7	95.9	98.7	93.8	106.3	92.2	91.0	
Aug	101.5	97.5	114.0	95.3	98.4	93.7	105.6	91.8	90.7	
Sep	99.9	95.9	112.3	93.9	98.0	93.8	104.5	91.0	89.9	
Oct	99.1	95.0	111.8	93.2	97.6	93.6	103.5	90.4	89.4	
Nov	99.0	94.9	111.9	93.2	97.7	93.6	103.9	90.3	89.5	
Dec	99.0	94.8	113.1	93.9	97.6	93.6	103.8	90.2	89.8	
2015 Jan	95.2	91.0	108.9	90.1	95.7	93.5	98.6	88.2	87.5	
Feb	93.3	89.5	107.0	88.7	95.2	93.7	97.1	87.5	86.8	
Mar	90.6	86.9	103.8	85.9	94.3	93.7	94.5	86.1	85.2	
Apr	89.7	86.1	102.4	84.7	94.0	93.7	93.9	85.7	84.5	
May	91.6	87.8	104.7	86.5	94.6	93.6	95.6	86.6	85.6	
June	92.3	88.5	106.0	87.5	94.7	93.5	96.1	86.9	86.1	
July	91.3	87.5	105.1	86.6	94.3	93.5	95.0	86.3	85.6	
Aug	93.0	88.9	108.1	89.0	94.9	93.6	96.4	87.2	87.0	
Sep	93.8	89.6	109.6	90.1	95.1	93.6	97.1	87.6	87.7	
Oct	93.6	89.6	109.0	89.6	95.1	93.6	97.0	87.5	87.4	
Nov	91.1	87.1	106.0	p 86.8	94.1	93.6	94.3	86.2	p 85.8	
Dec	92.5	88.3	108.0	p 88.3	94.3	93.3	95.2	86.7	p 86.5	
2016 Jan	93.6	89.1	109.9	p 89.6	94.5	93.4	95.7	87.1	p 87.3	
Feb	94.7	90.0	111.3	p 90.8	94.9	93.4	96.9	87.6	p 87.7	
Mar	94.1	89.5	110.0	p 89.9	95.0	93.5	96.8	87.4	p 87.3	
Apr	94.8	90.1	110.6	p 90.2	95.4	93.6	97.6	87.9	p 87.6	
May	95.1	90.5	111.1	p 90.7	95.2	93.6	97.3	88.1	p 87.9	
June	94.7	90.2	110.5	p 90.3	95.0	93.6	96.7	87.9	p 87.6	
July	94.9	p 90.3	110.2	p 89.8	p 95.3	93.6	p 97.4	p 87.9	p 87.4	
Aug	95.2	p 90.6	110.6	p 90.1	p 95.5	p 93.6	p 98.0	p 88.1	p 87.5	

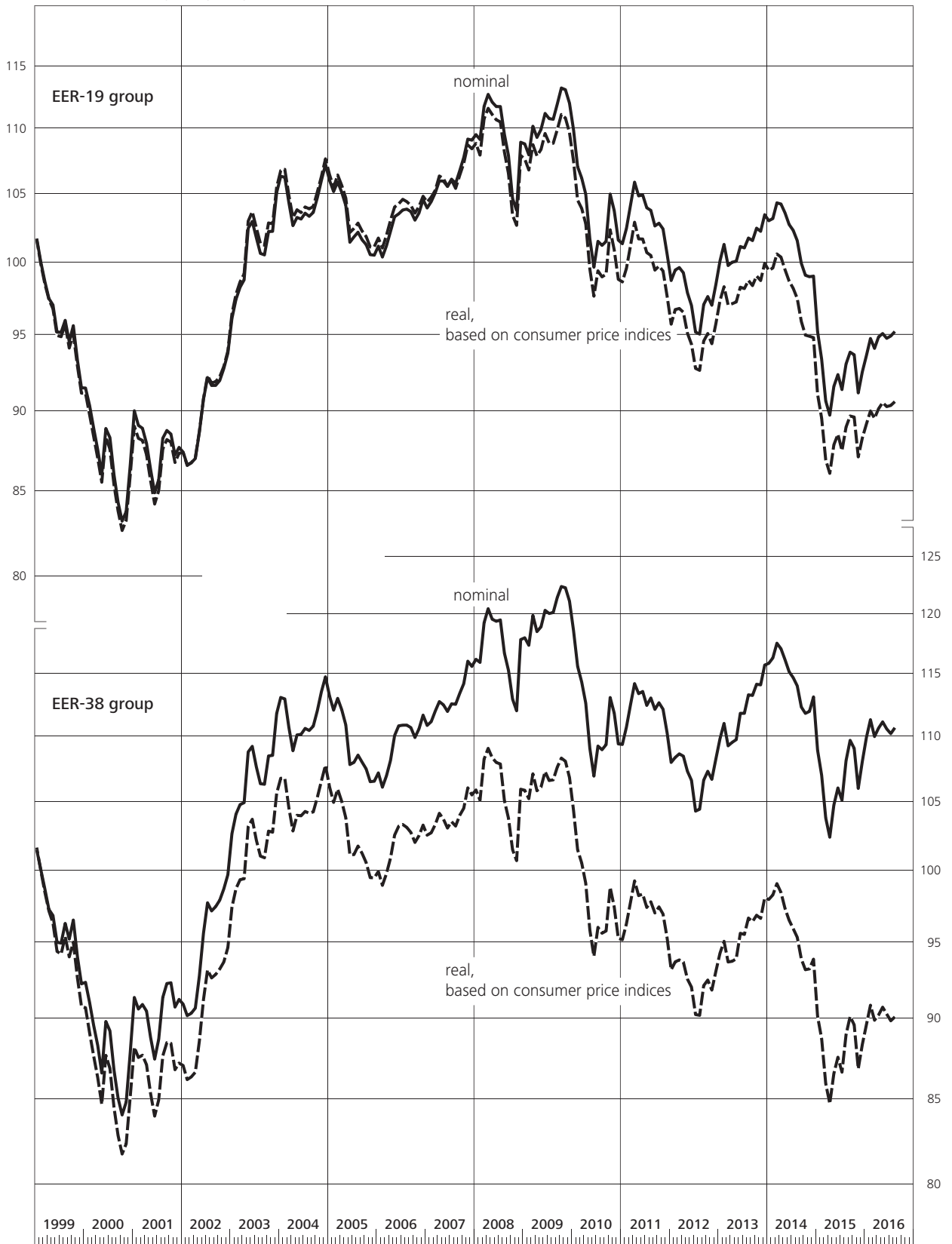
* See Explanatory notes, p 51. ¹ Source: ECB. ² Data for Argentina are currently not available due to the state of emergency in the national statistical system declared by the government of Argentina on 7 January 2016. As a consequence, Argentina is not

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			
					June 2016	July 2016	August 2016	
Afghanistan								
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 61.7100	AFN 68.3700	AFN 68.5582	AFN 66.6937	
		S	USD 1 =	AFN 61.8100	AFN 68.4700	AFN 68.6582	AFN 66.7937	
	AFN	B	EUR 1 =	AFN 67.8475	AFN 75.6900	AFN 75.8789	AFN 74.0465	
		S	EUR 1 =	AFN 68.1075	AFN 75.9500	AFN 76.1389	AFN 74.3065	
	Albania							
	Tirana 070	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 126.18	ALL 123.50	ALL 122.60	ALL 123.34
M			EUR 1 =	ALL 139.77	ALL 137.33	ALL 136.18	ALL 137.52	
Algeria								
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 100.8401	DZD 110.4377	DZD 110.3370	DZD 109.6091	
		S	USD 1 =	DZD 100.8551	DZD 110.4527	DZD 110.3520	DZD 109.6241	
	DZD	B	EUR 1 =	DZD 111.6833	DZD 122.5858	DZD 122.6285	DZD 122.0278	
		S	EUR 1 =	DZD 111.7210	DZD 122.6467	DZD 122.6562	DZD 122.0884	
Angola ¹								
Luanda 330	Kwanza = 100 cêntimos	B	USD 1 =	AOA 120.413	AOA 165.060	AOA 165.063	AOA 165.064	
		S	USD 1 =	AOA 121.617	AOA 166.711	AOA 166.714	AOA 166.715	
	AOA	B	EUR 1 =	AOA 132.888	AOA 184.456	AOA 184.459	AOA 184.461	
		S	EUR 1 =	AOA 134.187	AOA 186.265	AOA 186.268	AOA 186.269	
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 2.9844	XCD 2.9874	XCD 2.9925	
		V, S	EUR 1 =	XCD 3.0144	XCD 3.0163	XCD 3.0193	XCD 3.0245	
Argentina								
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 9.1681	ARS 14.9400	ARS 14.9100	ARS 14.8300	
		S	USD 1 =	ARS 9.2681	ARS 15.0400	ARS 15.0100	ARS 14.9300	
	ARS	B	EUR 1 =	ARS 10.1654	ARS 16.4923	ARS 16.6247	ARS 16.5206	
		S	EUR 1 =	ARS 10.3014	ARS 16.6403	ARS 16.7737	ARS 16.6693	
Armenia								
Yerevan 077	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 478.20	AMD 476.68	AMD 476.13	AMD 474.75	
		M	EUR 1 =	AMD 530.02	AMD 530.45	AMD 528.98	AMD 529.11	
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 197.73	AWG 197.93	AWG 198.27	
		S	EUR 100 =	AWG 198.70	AWG 199.72	AWG 199.92	AWG 200.26	

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 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		
					June 2016	July 2016	August 2016
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.7508	USD 0.7426	USD 0.7522	USD 0.7514
		M	AUD 1 =	EUR 0.6763	EUR 0.6699	EUR 0.6790	EUR 0.6740
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132
Azerbaijan							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 1.0371	AZN 1.5394	AZN 1.5851	AZN 1.6321
		M	EUR 1 =	AZN 1.1488	AZN 1.7090	AZN 1.7564	AZN 1.8209
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 1.10465	BSD 1.10574	BSD 1.10763
		V, S	EUR 1 =	BSD 1.13418	BSD 1.12408	BSD 1.12519	BSD 1.12712
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 0.4070508	BHD 0.4090975	BHD 0.4075940
		S	EUR 1 =	BHD 0.4287856	BHD 0.4322292	BHD 0.4344025	BHD 0.4328060
Bangladesh 1							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 77.4375	BDT 77.6000	BDT 77.9000	BDT 77.8000
		S	USD 1 =	BDT 78.4275	BDT 78.5900	BDT 78.8900	BDT 78.7900
		B	EUR 1 =	BDT 84.4481	BDT 85.0914	BDT 85.9095	BDT 85.6450
		S	EUR 1 =	BDT 87.7842	BDT 88.5414	BDT 89.3595	BDT 89.0950
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 2.21177	BBD 2.20440	BBD 2.21874
		S	EUR 1 =	BBD 2.23892	BBD 2.25324	BBD 2.24573	BBD 2.26034
Belarus 1							
Minsk 073	Belarusian rouble = 100 kopecks BYR/BYN	M	USD 1 =	BYR 16,085.75	BYR 20,053.00	BYN 1.9958	BYN 1.9578
		M	EUR 1 =	BYR 17,823.83	BYR 22,210.00	BYN 2.2141	BYN 2.1859

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		
					June 2016	July 2016	August 2016
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132
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 2.2008	BZD 2.2137	BZD 2.2107
			EUR 1 =	BZD 2.2300	BZD 2.2396	BZD 2.2527	BZD 2.2497
Benin ¹							
Porto-Novo Seat of Government: Cotonou 284	CFA franc XOF	V 2	USD 1 =	XOF 591.219	XOF 590.846	XOF 590.261	XOF 589.254
			EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Bermuda							
Hamilton 413	Bermudian dollar = 100 cents	B S	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
			USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
	BMD	V, B V, S	EUR 1 =	BMD 1.1051	BMD 1.1058	BMD 1.1069	BMD 1.1087
			EUR 1 =	BMD 1.1143	BMD 1.1150	BMD 1.1161	BMD 1.1180
Bhutan ¹							
Thimphu 675	Ngultrum = 100 chhetrum	B S	USD 1 =	BTN 64.17	BTN 67.49	BTN 66.87	BTN 66.90
			USD 1 =	BTN 64.62	BTN 67.96	BTN 67.33	BTN 67.37
	BTN	B S	EUR 1 =	BTN 70.95	BTN 74.72	BTN 74.30	BTN 74.74
			EUR 1 =	BTN 71.43	BTN 75.23	BTN 74.80	BTN 75.23
Bolivia, Plurinational State of							
Sucre Seat of Government: La Paz 516	Boliviano = 100 centavos	B S	USD 1 =	BOB 6.86	BOB 6.86	BOB 6.86	BOB 6.86
			USD 1 =	BOB 6.96	BOB 6.96	BOB 6.96	BOB 6.96
	BOB	V, B V, S	EUR 1 =	BOB 7.6077	BOB 7.6160	BOB 7.6235	BOB 7.6366
			EUR 1 =	BOB 7.7186	BOB 7.7270	BOB 7.7346	BOB 7.7479
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga	B S	USD 1 =	BAM 1.768204	BAM 1.759189	BAM 1.755548	BAM 1.746902
			USD 1 =	BAM 1.777067	BAM 1.768007	BAM 1.764348	BAM 1.755658
	BAM	B / S	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583
Botswana							
Gaborone 391	Pula = 100 thebe	B S	BWP 1 =	USD 0.0983	USD 0.0920	USD 0.0944	USD 0.0921
			BWP 1 =	USD 0.0981	USD 0.0918	USD 0.0942	USD 0.0918
	BWP	B S	BWP 1 =	EUR 0.0890	EUR 0.0828	EUR 0.0847	EUR 0.0827
			BWP 1 =	EUR 0.0887	EUR 0.0826	EUR 0.0845	EUR 0.0825

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 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		
					June 2016	July 2016	August 2016
Brazil							
Brasília 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 3.3381	BRL 3.2092	BRL 3.2384	BRL 3.2397
		S	USD 1 =	BRL 3.3387	BRL 3.2098	BRL 3.2390	BRL 3.2403
	BRL	B	EUR 1 =	BRL 3.7343	BRL 3.5401	BRL 3.6163	BRL 3.6103
		S	EUR 1 =	BRL 3.7358	BRL 3.5414	BRL 3.6183	BRL 3.6116
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3689	BND 1.3425	BND 1.3369	BND 1.3535
		S	USD 1 =	BND 1.3898	BND 1.3641	BND 1.3579	BND 1.3745
	BND	B	EUR 1 =	BND 1.4958	BND 1.4717	BND 1.4690	BND 1.4945
		S	EUR 1 =	BND 1.5523	BND 1.5286	BND 1.5256	BND 1.5511
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.76396	BGN 1.76169	BGN 1.75995	BGN 1.75694
		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 590.846	XOF 590.261	XOF 589.254
		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 1,636.4799	BIF 1,643.6871	BIF 1,650.2607
		S	USD 1 =	BIF 1,590.2862	BIF 1,669.5401	BIF 1,676.8929	BIF 1,683.5993
	BIF	B	EUR 1 =	BIF 1,721.3347	BIF 1,816.7382	BIF 1,821.2053	BIF 1,839.7931
		S	EUR 1 =	BIF 1,756.1091	BIF 1,853.4400	BIF 1,857.9973	BIF 1,876.9607
Cabo Verde							
Praia 247	Cabo Verde escudo = 100 centavos	B	USD 1 =	CVE 99.897	CVE 99.326	CVE 99.326	CVE 98.632
		S	USD 1 =	CVE 100.099	CVE 99.528	CVE 99.528	CVE 98.834
	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 4,084	KHR 4,097	KHR 4,096
		B	EUR 1 =	KHR 4,487	KHR 4,539	KHR 4,541	KHR 4,565
	S	EUR 1 =	KHR 4,532	KHR 4,584	KHR 4,586	KHR 4,611	
Cameroon ¹							
Yaoundé 302	CFA franc XAF	V	USD 1 =	XAF 591.219	XAF 590.846	XAF 590.261	XAF 589.254
		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 1.3009	CAD 1.3041	CAD 1.3124
		M	EUR 1 =	CAD 1.4235	CAD 1.4354	CAD 1.4566	CAD 1.4628

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 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			
					June 2016	July 2016	August 2016	
Cayman Islands								
George Town 463	Cayman Islands dollar = 100 cents KYD	2	KYD 1 =	USD 1.20	USD 1.20	USD 1.20	USD 1.20	
			V	EUR 1 =	KYD 0.9246	KYD 0.9252	KYD 0.9261	KYD 0.9277
Central African Republic ¹								
Bangui 306	CFA franc XAF	V	USD 1 =	XAF 591.219	XAF 590.846	XAF 590.261	XAF 589.254	
			3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chad ¹								
N'Djaména 244	CFA franc XAF	V	USD 1 =	XAF 591.219	XAF 590.846	XAF 590.261	XAF 589.254	
			3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chile								
Santiago 512	Chilean peso = 100 centavos CLP	M	USD 1 =	CLP 656.62	CLP 661.49	CLP 664.94	CLP 673.17	
			M	EUR 1 =	CLP 728.18	CLP 734.58	CLP 736.12	CLP 750.22
China								
Peking / Beijing 720	Chinese yuan renminbi = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.2293	CNY 6.6312	CNY 6.6511	CNY 6.6908	
			M	EUR 1 =	CNY 6.9036	CNY 7.3750	CNY 7.3724	CNY 7.4602
			M	HKD 1 =	CNY 0.80459	CNY 0.85467	CNY 0.85751	CNY 0.86250
China (Taiwan)								
Taipei 736	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 31.72	TWD 32.23	TWD 31.86	TWD 31.67	
			S	USD 1 =	TWD 31.82	TWD 32.33	TWD 31.96	TWD 31.77
		B	EUR 1 =	TWD 35.06	TWD 35.68	TWD 35.17	TWD 35.19	
			S	EUR 1 =	TWD 35.46	TWD 36.08	TWD 35.57	TWD 35.59
Colombia								
Bogotá 480	Colombian peso = 100 centavos COP	B	USD 1 =	COP 2,767.77	COP 2,914.97	COP 3,091.04	COP 2,932.79	
			S	USD 1 =	COP 2,769.53	COP 2,917.33	COP 3,092.52	COP 2,934.85
		V, B	EUR 1 =	COP 3,065.96	COP 3,236.20	COP 3,435.07	COP 3,264.78	
			V, S	EUR 1 =	COP 3,067.91	COP 3,238.82	COP 3,436.72	COP 3,267.08
Comoros								
Moroni 375	Comorian franc = 100 centimes KMF	V	USD 1 =	KMF 443.41393	KMF 443.13435	KMF 442.69572	KMF 441.94013	
			3	EUR 1 =	KMF 491.96775	KMF 491.96775	KMF 491.96775	KMF 491.96775
Congo ¹								
Brazzaville 318	CFA franc XAF	V	USD 1 =	XAF 591.219	XAF 590.846	XAF 590.261	XAF 589.254	
			3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 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		
					June 2016	July 2016	August 2016
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 907.4830	CDF 960.8957	CDF 976.0603	CDF 1,001.3222
		S	USD 1 =	CDF 944.5232	CDF 1,000.1159	CDF 1,015.8995	CDF 1,042.1925
	CDF	B	EUR 1 =	CDF 1,002.0568	CDF 1,063.1331	CDF 1,068.4674	CDF 1,117.9404
		S	EUR 1 =	CDF 1,042.9571	CDF 1,106.5263	CDF 1,112.0784	CDF 1,163.5706
Cook Islands ¹							
Avarua 837	Cook Islands dollar ² = 100 cents NZD	B	NZD 1 =	EUR 0.6454	EUR 0.6545	EUR 0.6568	EUR 0.6655
		S	NZD 1 =	EUR 0.6174	EUR 0.6263	EUR 0.6285	EUR 0.6370
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 528.69	CRC 541.67	CRC 543.29	CRC 545.98
		S	USD 1 =	CRC 540.97	CRC 554.20	CRC 556.16	CRC 558.64
	CRC	V, B	EUR 1 =	CRC 583.9701	CRC 601.3620	CRC 603.7582	CRC 607.7849
		V, S	EUR 1 =	CRC 597.5319	CRC 615.2728	CRC 618.0606	CRC 621.8780
Côte d'Ivoire ¹							
Yamoussoukro Seat of Government: Abidjan 272	CFA franc XOF	V	USD 1 =	XOF 591.219	XOF 590.846	XOF 590.261	XOF 589.254
		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 6.771108	HRK 6.710826	HRK 6.673220
		S	USD 1 =	HRK 6.888036	HRK 6.811856	HRK 6.751212	HRK 6.713380
	HRK	B	EUR 1 =	HRK 7.594448	HRK 7.490199	HRK 7.455057	HRK 7.453320
		S	EUR 1 =	HRK 7.640151	HRK 7.535275	HRK 7.499921	HRK 7.498174
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 1.07456	CUC 1.07373	CUC 1.07789
		S	EUR 1 =	CUC 1.13940	CUC 1.14688	CUC 1.14598	CUC 1.15042
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 197.73	ANG 197.93	ANG 198.27
		S	EUR 100 =	ANG 200.69	ANG 201.72	ANG 201.92	ANG 202.26
Cyprus							
Nicosia 600	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132
Czech Republic							
Prague 061	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 24.600	CZK 24.433	CZK 24.324	CZK 24.286
		M	EUR 1 =	CZK 27.269	CZK 27.130	CZK 27.030	CZK 27.030

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 ff. ² Parity in relation to the New Zealand dollar. ³ Value against the euro.

IV Overview of world currencies *

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

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2015	Rate at end of month		
					June 2016	July 2016	August 2016
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 672.69	DKK 670.09	DKK 669.25	DKK 668.63
			EUR 100 =	DKK 746.07	DKK 743.93	DKK 743.74	DKK 744.32
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 194.16	DJF 195.10	DJF 195.79
			S	EUR 1 =	DJF 201.99	DJF 201.65	DJF 204.64
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 2.9844	XCD 2.9874	XCD 2.9925
			V, S	EUR 1 =	XCD 3.0144	XCD 3.0163	XCD 3.0193
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 44.7391	DOP 45.6172	DOP 45.6830	DOP 45.7153
			S	USD 1 =	DOP 45.0960	DOP 45.9821	DOP 46.0247
		B	EUR 1 =	DOP 48.6052	DOP 49.8733	DOP 49.7417	DOP 50.0847
			S	EUR 1 =	DOP 51.5159	DOP 53.4100	DOP 53.3859
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 7.7208	EGP 8.8799	EGP 8.8799	EGP 8.8799
			S	USD 1 =	EGP 7.7222	EGP 8.8800	EGP 8.8800
		B	EUR 1 =	EGP 8.4926	EGP 9.7956	EGP 9.8124	EGP 9.8639
			S	EUR 1 =	EGP 8.5912	EGP 9.8595	EGP 9.9429
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 9.7143	SVC 9.7239	SVC 9.7405
Equatorial Guinea 1							
Malabo 310	CFA franc XAF	V	USD 1 =	XAF 591.219	XAF 590.846	XAF 590.261	XAF 589.254
		2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Eritrea							
Asmara 336	Nakfa = 100 cents ERN	B	USD 1 =	ERN 15.0000	ERN 15.0000	ERN 15.0000	ERN 15.0000
			S	USD 1 =	ERN 15.7500	ERN 15.7500	ERN 15.7500
		B	EUR 1 =	ERN 16.5500	ERN 16.5210	ERN 16.6245	ERN 16.7715
			S	EUR 1 =	ERN 17.3095	ERN 17.2805	ERN 17.3840
Estonia							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. 1 Explanatory notes on individual countries, see p 57 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		
					June 2016	July 2016	August 2016
Ethiopia							
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 20.6138	ETB 21.8004	ETB 21.8746	ETB 21.9615
		S	USD 1 =	ETB 21.0261	ETB 22.2364	ETB 22.3121	ETB 22.4007
	ETB	B	EUR 1 =	ETB 22.7723	ETB 24.1788	ETB 24.3858	ETB 24.5266
S		EUR 1 =	ETB 23.2318	ETB 24.6691	ETB 24.8824	ETB 25.0261	
Falkland Islands (Islas Malvinas)							
Stanley 529	Falkland Islands pound ² = 100 pence FKP	V	USD 1 =	FKP 0.65420	FKP 0.74446	FKP 0.75947	FKP 0.76182
		V	EUR 1 =	FKP 0.72584	FKP 0.82650	FKP 0.84400	FKP 0.84806
Fiji							
Suva 815	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4837	USD 0.4895	USD 0.4896	USD 0.4922
		S	FJD 1 =	USD 0.4667	USD 0.4725	USD 0.4726	USD 0.4752
	FJD	B	FJD 1 =	EUR 0.4360	EUR 0.4379	EUR 0.4398	EUR 0.4395
		S	FJD 1 =	EUR 0.4240	EUR 0.4259	EUR 0.4278	EUR 0.4275
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132
Gabon ¹							
Libreville 314	CFA franc XAF	V	USD 1 =	XAF 591.219	XAF 590.846	XAF 590.261	XAF 589.254
		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 43.05	GMD 43.83	GMD 44.82
		M	EUR 1 =	GMD 46.93	GMD 48.95	GMD 48.79	GMD 51.91
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 =	GEL 2.2792	GEL 2.3423	GEL 2.3479	GEL 2.3056
		M	EUR 1 =	GEL 2.5259	GEL 2.5976	GEL 2.6083	GEL 2.5763
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 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		
					June 2016	July 2016	August 2016
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas	B	USD 1 =	GHS 3.7595	GHS 3.9240	GHS 3.9431	GHS 3.9436
		S	USD 1 =	GHS 3.7632	GHS 3.9279	GHS 3.9470	GHS 3.9476
	GHS	B	EUR 1 =	GHS 4.1517	GHS 4.3439	GHS 4.4120	GHS 4.3943
		S	EUR 1 =	GHS 4.1550	GHS 4.3480	GHS 4.4150	GHS 4.3982
Gibraltar							
Gibraltar 044	Gibraltar pound ² = 100 pence GIP	V	USD 1 =	GIP 0.65420	GIP 0.74446	GIP 0.75947	GIP 0.76182
		V	EUR 1 =	GIP 0.72584	GIP 0.82650	GIP 0.84400	GIP 0.84806
Greece ¹							
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132
Grenada							
St George's 473	East Caribbean dollar = 100 cents	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 2.9826	XCD 2.9844	XCD 2.9874	XCD 2.9925
		V, S	EUR 1 =	XCD 3.0144	XCD 3.0163	XCD 3.0193	XCD 3.0245
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ	M	USD 1 =	GTQ 7.65729	GTQ 7.63735	GTQ 7.56100	GTQ 7.55319
		V, M	EUR 1 =	GTQ 8.45820	GTQ 8.47899	GTQ 8.40254	GTQ 8.40821
Guinea							
Conakry 260	Guinean franc	A	USD 1 =	GNF 7,103.8740	GNF 8,580.0000	GNF 8,594.6250	GNF 8,623.8750
		V	USD 1 =	GNF 7,645.9421	GNF 9,042.0000	GNF 9,057.4125	GNF 9,088.2375
	GNF	A	EUR 1 =	GNF 7,857.9357	GNF 9,530.4066	GNF 9,535.8223	GNF 9,605.9618
		V	EUR 1 =	GNF 8,457.1325	GNF 10,043.5823	GNF 10,049.2896	GNF 10,123.2059
Guinea-Bissau ¹							
Bissau 257	CFA franc XOF	V	USD 1 =	XOF 591.219	XOF 590.846	XOF 590.261	XOF 589.254
		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	EUR 1 =	GYD 227.42	GYD 229.03	GYD 228.33	GYD 229.22
		S	EUR 1 =	GYD 230.34	GYD 231.97	GYD 231.26	GYD 232.16

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 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		
					June 2016	July 2016	August 2016
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 51.1640	HTG 62.8939	HTG 63.6545	HTG 64.8864
		V, M	EUR 1 =	HTG 56.4762	HTG 69.8248	HTG 70.7392	HTG 72.2315
Honduras							
Tegucigalpa 424	Lempira = 100 centavos HNL	B	USD 1 =	HNL 21.9794	HNL 22.7892	HNL 22.8710	HNL 22.8969
		S	USD 1 =	HNL 22.1332	HNL 22.9487	HNL 23.0311	HNL 23.0572
		V, B	EUR 1 =	HNL 24.2752	HNL 25.3006	HNL 25.4165	HNL 25.4888
		V, S	EUR 1 =	HNL 24.4451	HNL 25.4776	HNL 25.5945	HNL 25.6673
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.73880	HKD 7.74060	HKD 7.73660	HKD 7.73770
		S	USD 1 =	HKD 7.76433	HKD 7.77940	HKD 7.77540	HKD 7.77650
		B	EUR 1 =	HKD 8.52852	HKD 8.59398	HKD 8.56788	HKD 8.61328
		S	EUR 1 =	HKD 8.58831	HKD 8.65382	HKD 8.62762	HKD 8.67302
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 279.46	HUF 284.29	HUF 281.47	HUF 278.10
		M	EUR 1 =	HUF 309.32	HUF 316.16	HUF 312.38	HUF 309.92
Iceland							
Reykjavik 024	Icelandic krona ISK	B	USD 1 =	ISK 131.45	ISK 122.36	ISK 119.09	ISK 116.27
		S	USD 1 =	ISK 132.07	ISK 122.94	ISK 119.65	ISK 116.83
		B	EUR 1 =	ISK 145.89	ISK 136.37	ISK 132.23	ISK 129.54
		S	EUR 1 =	ISK 146.70	ISK 137.13	ISK 132.97	ISK 130.26
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	B	USD 1 =	INR 63.82	INR 67.05	INR 66.20	INR 66.65
		S	USD 1 =	INR 64.67	INR 67.90	INR 67.70	INR 67.50
		B	EUR 1 =	INR 70.23	INR 73.92	INR 73.15	INR 73.98
		S	EUR 1 =	INR 71.79	INR 75.54	INR 75.49	INR 75.60
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 13,351.04	IDR 13,114.00	IDR 13,029.00	IDR 13,233.00
		S	USD 1 =	IDR 13,485.13	IDR 13,246.00	IDR 13,159.00	IDR 13,367.00
		B	EUR 1 =	IDR 14,786.36	IDR 14,576.21	IDR 14,437.43	IDR 14,757.44
		S	EUR 1 =	IDR 14,938.08	IDR 14,725.58	IDR 14,586.75	IDR 14,910.89
Iran, Islamic Republic of ¹							
Tehran 616	Iranian rial = 100 dinars IRR	M	USD 1 =	IRR 29,128	IRR 30,700	IRR 30,951	IRR 31,253
		M	EUR 1 =	IRR 32,174	IRR 34,092	IRR 34,588	IRR 34,871

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 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			
					June 2016	July 2016	August 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 1,310.183	IQD 1,310.183	IQD 1,319.398	
		S	EUR 1 =	IQD 1,290.493	IQD 1,310.838	IQD 1,310.838	IQD 1,320.058	
	Ireland							
	Dublin 007	Euro = 100 cent	M	EUR 1 =	USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132
EUR								
Israel								
Jerusalem 624	New Israeli sheqel = 100 agorot	M	USD 1 =	ILS 3.8839	ILS 3.8460	ILS 3.8280	ILS 3.7860	
		M	EUR 1 =	ILS 4.2920	ILS 4.2839	ILS 4.2460	ILS 4.2197	
	ILS							
Italy								
Rome 005	Euro = 100 cent	M	EUR 1 =	USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132	
	EUR							
Jamaica								
Kingston 464	Jamaican dollar = 100 cents	B	USD 1 =	JMD 116.8907	JMD 125.7790	JMD 125.8941	JMD 126.8965	
		S	USD 1 =	JMD 117.4812	JMD 126.3835	JMD 126.5582	JMD 127.5727	
	JMD	B	EUR 1 =	JMD 129.01328	JMD 139.93855	JMD 132.19210	JMD 137.26420	
		S	EUR 1 =	JMD 129.61075	JMD 140.30994	JMD 140.19220	JMD 140.94420	
	Japan							
	Tokyo 732	Japanese yen = 100 sen	B	USD 1 =	JPY 120.12	JPY 101.91	JPY 103.42	JPY 102.18
S			USD 1 =	JPY 122.12	JPY 103.91	JPY 105.42	JPY 104.18	
JPY		B	EUR 1 =	JPY 132.19	JPY 112.89	JPY 114.17	JPY 113.45	
		S	EUR 1 =	JPY 135.19	JPY 115.89	JPY 117.17	JPY 116.45	
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 0.78241	JOD 0.78234	JOD 0.78992	
		S	EUR 1 =	JOD 0.78573	JOD 0.78831	JOD 0.78938	JOD 0.79492	
	Kazakhstan							
	Astana 079	Tenge = 100 tiyn	M	USD 1 =	KZT 225.02	KZT 338.87	KZT 352.25	KZT 338.98
KZT		M	EUR 1 =	KZT 249.15	KZT 375.77	KZT 391.28	KZT 379.01	
Kenya ¹								
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 98.6085	KES 101.0050	KES 101.2917	KES 101.2589	
		S	USD 1 =	KES 98.7851	KES 101.1994	KES 101.4861	KES 101.4589	
	KES	B	EUR 1 =	KES 108.8046	KES 112.1717	KES 112.2650	KES 112.9517	
		S	EUR 1 =	KES 109.0215	KES 112.4294	KES 112.5189	KES 113.2089	

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 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		
					June 2016	July 2016	August 2016
Korea, Democratic People's Republic of							
Pyongyang 724	North Korean won = 100 chon	B	USD 1 =	KPW 108.41	KPW 107.50 ²	KPW 107.26 ³	KPW 107.14 ⁴
		S	USD 1 =	KPW 109.23	KPW 108.31 ²	KPW 108.07 ³	KPW 107.95 ⁴
	KPW	B	EUR 1 =	KPW 119.43	KPW 119.56 ²	KPW 119.77 ³	KPW 119.85 ⁴
		S	EUR 1 =	KPW 120.33	KPW 120.46 ²	KPW 120.67 ³	KPW 120.75 ⁴
Korea, Republic of							
Seoul 728	South Korean won = 100 chon	B	USD 1 =	KRW 1,120.93	KRW 1,139.80	KRW 1,105.10	KRW 1,107.10
		S	USD 1 =	KRW 1,143.03	KRW 1,162.20	KRW 1,126.90	KRW 1,128.90
	KRW	B	EUR 1 =	KRW 1,237.72	KRW 1,265.52	KRW 1,232.40	KRW 1,232.01
		S	EUR 1 =	KRW 1,262.72	KRW 1,291.08	KRW 1,257.28	KRW 1,256.89
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.29990	KWD 0.30045	KWD 0.30095	KWD 0.30050
		S	USD 1 =	KWD 0.30371	KWD 0.30405	KWD 0.30455	KWD 0.30410
	KWD	B	EUR 1 =	KWD 0.331011	KWD 0.333545	KWD 0.334987	KWD 0.334517
		S	EUR 1 =	KWD 0.335218	KWD 0.337541	KWD 0.338995	KWD 0.338524
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tyiyn KGS	M	USD 1 =	KGS 64.8031	KGS 67.4860	KGS 67.9699	KGS 68.8990
		M	EUR 1 =	KGS 71.8206	KGS 74.6530	KGS 75.4364	KGS 76.9567
Lao People's Democratic Republic							
Vientiane 684	Kip	B	USD 1 =	LAK 8,121	LAK 8,080	LAK 8,082	LAK 8,079
		S	USD 1 =	LAK 8,153	LAK 8,115	LAK 8,117	LAK 8,114
	LAK	B	EUR 1 =	LAK 8,950	LAK 8,961	LAK 8,945	LAK 9,001
		S	EUR 1 =	LAK 8,992	LAK 9,003	LAK 8,987	LAK 9,043
Latvia							
Riga 054	Euro = 100 cents EUR	M	EUR 1 =	USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132
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 1,680.11	LBP 1,673.48	LBP 1,679.66
Lesotho ¹							
Maseru 395	Loti = 100 lisente LSL	M	USD 1 =	LSL 12.8909	LSL 14.7327	LSL 13.9837	LSL 14.6667
		M	EUR 1 =	LSL 14.2094	LSL 16.3732	LSL 15.5984	LSL 16.3268

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 ff. ² Exchange rate as of 1 July 2016. ³ Exchange rate as of 1 August 2016. ⁴ Exchange rate as of 1 September 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		
					June 2016	July 2016	August 2016
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents	B	USD 1 =	LRD 85.83	LRD 94.00	LRD 93.00	LRD 97.00
		S	USD 1 =	LRD 86.83	LRD 95.00	LRD 94.00	LRD 98.00
	LRD	V, B V, S	EUR 1 = EUR 1 =	LRD 94.7997 LRD 95.9042	LRD 104.3588 LRD 105.4690	LRD 103.3509 LRD 104.4622	LRD 107.9804 LRD 109.0936
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham	B	USD 1 =	LYD 1.3802	LYD 1.3804	LYD 1.3783	LYD 1.3824
		S	USD 1 =	LYD 1.3871	LYD 1.3873	LYD 1.3852	LYD 1.3894
	LYD	B S	EUR 1 = EUR 1 =	LYD 1.5232 LYD 1.5308	LYD 1.5319 LYD 1.5396	LYD 1.5415 LYD 1.5492	LYD 1.5414 LYD 1.5491
Lithuania							
Vilnius 055	Euro = 100 cent EUR		M	EUR 1 = USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132
Luxembourg							
Luxembourg 018	Euro = 100 cent EUR		M	EUR 1 = USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132
Macao ¹							
Macao 743	Pataca = 100 avos	B	USD 1 =	MOP 7.9739	MOP 7.9815	MOP 7.9779	MOP 7.9798
		S	USD 1 =	MOP 8.0063	MOP 8.0135	MOP 8.0099	MOP 8.0118
	MOP	B S	EUR 1 = EUR 1 =	MOP 8.7960 MOP 8.8557	MOP 8.8395 MOP 8.9187	MOP 8.8231 MOP 8.9023	MOP 8.8756 MOP 8.9548
Macedonia, former Yugoslav Republic of							
Skopje 096	Macedonian denar = 100 deni	B	USD 1 =	MKD 55.3515	MKD 55.3530	MKD 55.0556	MKD 54.7856
		S	USD 1 =	MKD 55.9078	MKD 55.9093	MKD 55.6089	MKD 55.3362
	MKD	B S	EUR 1 = EUR 1 =	MKD 61.3003 MKD 61.9163	MKD 61.3864 MKD 62.0034	MKD 61.1832 MKD 61.7982	MKD 61.1845 MKD 61.7995
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA		M	USD 1 = MGA 2,942.10	MGA 3,237.72	MGA 2,964.84	MGA 3,049.85
			M	EUR 1 = MGA 3,260.72	MGA 3,588.81	MGA 3,283.77	MGA 3,398.74
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala	B	USD 1 =	MWK 500.5335	MWK 704.3844	MWK 711.4230	MWK 712.0365
		S	USD 1 =	MWK 517.5229	MWK 721.4950	MWK 729.5796	MWK 730.0627
	MWK	B S	EUR 1 = EUR 1 =	MWK 552.0873 MWK 570.8935	MWK 783.4164 MWK 802.4467	MWK 788.2567 MWK 808.3742	MWK 794.2055 MWK 814.3120

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 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		
					June 2016	July 2016	August 2016
Malaysia							
Kuala Lumpur Seat of Government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 3.8736	MYR 3.9570	MYR 3.9989	MYR 3.9787
		S	USD 1 =	MYR 3.9700	MYR 4.0800	MYR 4.1231	MYR 4.1023
	MYR	B	EUR 1 =	MYR 4.2878	MYR 4.3810	MYR 4.4066	MYR 4.4293
		S	EUR 1 =	MYR 4.4191	MYR 4.5525	MYR 4.5910	MYR 4.6110
Maldives							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.37	MVR 15.38	MVR 15.41	MVR 15.38
		V, M	EUR 1 =	MVR 16.97146	MVR 17.07488	MVR 17.12513	MVR 17.12102
Mali 1							
Bamako 232	CFA franc XOF	V	USD 1 =	XOF 591.219	XOF 590.846	XOF 590.261	XOF 589.254
		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 1.1102	USD 1.1113	USD 1.1132
Mauritania							
Nouakchott 228	Ouguiya = 5 khoums MRO	B	USD 1 =	MRO 324.03	MRO 353.13	MRO 353.26	MRO 354.23
		S	USD 1 =	MRO 327.28	MRO 356.68	MRO 356.81	MRO 357.78
	MRO	B	EUR 1 =	MRO 357.85	MRO 393.70	MRO 391.53	MRO 394.76
		S	EUR 1 =	MRO 361.44	MRO 397.65	MRO 395.45	MRO 398.72
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 34.7263	MUR 35.0981	MUR 35.0844	MUR 34.8964
		S	USD 1 =	MUR 35.7423	MUR 36.4456	MUR 36.4160	MUR 36.2114
	MUR	B	EUR 1 =	MUR 38.3484	MUR 38.9452	MUR 38.9008	MUR 38.9218
		S	EUR 1 =	MUR 39.4735	MUR 40.5022	MUR 40.3918	MUR 40.4018
Mexico							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 15.9184	MXN 18.2535	MXN 18.7635	MXN 18.8440
		S	USD 1 =	MXN 15.9229	MXN 18.2575	MXN 18.7685	MXN 18.8490
	MXN	V, B	EUR 1 =	MXN 17.6302	MXN 20.2650	MXN 20.8519	MXN 20.9771
		V, S	EUR 1 =	MXN 17.6345	MXN 20.2695	MXN 20.8574	MXN 20.9827
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 18.8210	MDL 19.8698	MDL 19.7744	MDL 19.7707
		M	EUR 1 =	MDL 20.8780	MDL 22.0325	MDL 21.9180	MDL 22.3231
Mongolia							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 1,974.22	MNT 1,982.25	MNT 2,073.09	MNT 2,219.65
		M	EUR 1 =	MNT 2,179.24	MNT 2,201.88	MNT 2,298.64	MNT 2,472.02

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. 1 Explanatory notes on individual countries, see p 57 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		
					June 2016	July 2016	August 2016
Morocco							
Rabat 204	Moroccan dirham = 100 centimes	B	USD 1 =	MAD 9.7456	MAD 9.7501	MAD 9.7191	MAD 9.7361
		S	USD 1 =	MAD 9.8042	MAD 9.8086	MAD 9.7775	MAD 9.7946
	MAD	B	EUR 1 =	MAD 10.799	MAD 10.836	MAD 10.858	MAD 10.846
		S	EUR 1 =	MAD 10.864	MAD 10.901	MAD 10.923	MAD 10.911
Mozambique							
Maputo 366	Metical = 100 centavos	B	USD 1 =	MZN 38.76	MZN 63.46	MZN 69.12	MZN 73.01
		S	USD 1 =	MZN 38.94	MZN 63.53	MZN 69.18	MZN 73.21
	MZN	B	EUR 1 =	MZN 42.75	MZN 70.49	MZN 77.07	MZN 81.28
		S	EUR 1 =	MZN 42.95	MZN 70.57	MZN 77.13	MZN 81.51
Myanmar							
Nay Pyi Taw 676	Kyat = 100 pyas MMK	M	USD 1 =	MMK 1,169.92	MMK 1,181.00	MMK 1,187.00	MMK 1,208.00
		M	EUR 1 =	MMK 1,292.10	MMK 1,313.40	MMK 1,314.90	MMK 1,352.70
Namibia ¹							
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 12.9343	NAD 14.8998	NAD 14.1660	NAD 14.4686
		M	EUR 1 =	NAD 14.2685	NAD 16.5348	NAD 15.7006	NAD 16.1144
Nepal							
Kathmandu 672	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 102.58	NPR 107.93	NPR 106.98	NPR 106.96
		S	USD 1 =	NPR 103.18	NPR 108.53	NPR 107.58	NPR 107.56
	NPR	B	EUR 1 =	NPR 113.13	NPR 119.37	NPR 118.75	NPR 119.45
		S	EUR 1 =	NPR 113.79	NPR 120.04	NPR 119.42	NPR 120.12
Netherlands							
Amsterdam Seat of Government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132
New Caledonia ¹							
Nouméa 809	CFP franc XPF	V	XPF 1,000 =	USD 9.30	USD 9.30	USD 9.31	USD 9.33
		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 0.7240	USD 0.7255	USD 0.7397
		S	NZD 1 =	USD 0.6883	USD 0.6983	USD 0.6998	USD 0.7136
	NZD	B	NZD 1 =	EUR 0.6454	EUR 0.6545	EUR 0.6568	EUR 0.6655
		S	NZD 1 =	EUR 0.6174	EUR 0.6263	EUR 0.6285	EUR 0.6370

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 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		
					June 2016	July 2016	August 2016
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 27.3105	NIO 28.6142	NIO 28.7326	NIO 28.8516
		V, M	EUR 1 =	NIO 30.16196	NIO 31.76748	NIO 31.93054	NIO 32.11760
Niger 1							
Niamey 240	CFA franc XOF	V	USD 1 =	XOF 591.219	XOF 590.846	XOF 590.261	XOF 589.254
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Nigeria							
Abuja 288	Naira = 100 kobo NGN	B	USD 1 =	NGN 192.41	NGN 282.00	NGN 312.00	NGN 305.00
		S	USD 1 =	NGN 193.41	NGN 283.00	NGN 313.00	NGN 306.00
		B	EUR 1 =	NGN 213.1516	NGN 313.0482	NGN 346.7880	NGN 339.6480
		S	EUR 1 =	NGN 214.2602	NGN 314.1583	NGN 347.8995	NGN 340.7616
Norway							
Oslo 028	Norwegian krone = 100 øre NOK	B	USD 1 =	NOK 8.0474	NOK 8.3660	NOK 8.5319	NOK 8.3133
		S	USD 1 =	NOK 8.1007	NOK 8.4310	NOK 8.5969	NOK 8.3783
		B	EUR 1 =	NOK 8.9594	NOK 9.2926	NOK 9.4606	NOK 9.2587
		S	EUR 1 =	NOK 9.0185	NOK 9.3646	NOK 9.5326	NOK 9.3307
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 0.4263552	OMR 0.4287360	OMR 0.4284288
		S	EUR 1 =	OMR 0.4256239	OMR 0.4275810	OMR 0.4305070	OMR 0.4295830
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa PKR	B	USD 1 =	PKR 102.50	PKR 104.50	PKR 104.40	PKR 104.65
		S	USD 1 =	PKR 102.70	PKR 104.70	PKR 104.60	PKR 104.85
		B	EUR 1 =	PKR 113.65	PKR 116.08	PKR 115.75	PKR 116.74
		S	EUR 1 =	PKR 113.87	PKR 116.31	PKR 115.97	PKR 116.96
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 1.1102	PAB 1.1113	PAB 1.1132
Papua New Guinea							
Port Moresby 801	Kina = 100 toea PGK	B	PGK 1 =	USD 0.3671	USD 0.3235	USD 0.3230	USD 0.3230
		S	PGK 1 =	USD 0.3521	USD 0.3085	USD 0.3080	USD 0.3080
		B	PGK 1 =	EUR 0.3297	EUR 0.2889	EUR 0.2897	EUR 0.2878
		S	PGK 1 =	EUR 0.3150	EUR 0.2743	EUR 0.2750	EUR 0.2732

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. 1 Explanatory notes on individual countries, see p 57 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		
					June 2016	July 2016	August 2016
Paraguay							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 5,221.61	PYG 5,580.00	PYG 5,539.51	PYG 5,519.80
		S	USD 1 =	PYG 5,234.91	PYG 5,597.92	PYG 5,547.62	PYG 5,535.84
	PYG	V, B	EUR 1 =	PYG 5,790.07	PYG 6,194.92	PYG 6,156.06	PYG 6,144.64
		V, S	EUR 1 =	PYG 5,804.81	PYG 6,214.81	PYG 6,165.07	PYG 6,162.50
Peru 1							
Lima 504	Nuevo sol / Sol = 100 céntimos	B	USD 1 =	PEN 3.186	PEN 3.286	PEN 3.350	PEN 3.390
		S	USD 1 =	PEN 3.190	PEN 3.292	PEN 3.360	PEN 3.395
	PEN	B	EUR 1 =	PEN 3.449	PEN 3.557	PEN 3.663	PEN 3.684
		S	EUR 1 =	PEN 3.670	PEN 3.792	PEN 3.792	PEN 3.862
Philippines							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 45.05641	PHP 46.37763	PHP 46.42691	PHP 45.90459
		S	USD 1 =	PHP 46.06485	PHP 47.74237	PHP 47.79310	PHP 47.25541
	PHP	B	EUR 1 =	PHP 49.84945	PHP 51.60439	PHP 51.42708	PHP 51.16067
		S	EUR 1 =	PHP 50.96459	PHP 53.12294	PHP 52.94041	PHP 52.66615
Poland							
Warsaw 060	Polish zloty = 100 groszy PLN	M	USD 1 =	PLN 3.7730	PLN 3.9803	PLN 3.9364	PLN 3.9082
		M	EUR 1 =	PLN 4.1848	PLN 4.4255	PLN 4.3684	PLN 4.3555
Portugal							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132
Qatar							
Doha 644	Qatari riyal = 100 dirham QAR	M	USD 1 =	QAR 3.6401	QAR 3.6400	QAR 3.6400	QAR 3.6400
		V, M	EUR 1 =	QAR 4.022	QAR 4.041	QAR 4.045	QAR 4.052
Romania							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 4.0062	RON 4.0624	RON 4.0203	RON 3.9945
		M	EUR 1 =	RON 4.4401	RON 4.5210	RON 4.4654	RON 4.4535
Russian Federation							
Moscow 075	Russian rouble = 100 kopecks RUB	M	USD 1 =	RUB 61.2861	RUB 64.2575	RUB 67.0512	RUB 64.9072
		M	EUR 1 =	RUB 68.4684	RUB 71.2102	RUB 74.3799	RUB 72.5013

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. 1 Explanatory notes on individual countries, see p 57 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		
					June 2016	July 2016	August 2016
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 713.556558	RWF 775.505205	RWF 785.281486	RWF 799.329920
		S	USD 1 =	RWF 727.826248	RWF 791.013743	RWF 800.985530	RWF 815.314904
	RWF	B	EUR 1 =	RWF 791.636938	RWF 856.623050	RWF 869.738510	RWF 890.693330
		S	EUR 1 =	RWF 807.468077	RWF 873.753780	RWF 887.131523	RWF 908.505397
Saint Helena, Ascension and Tristan da Cunha							
Jamestown 329	Saint Helena pound ² = 100 pence SHP	V	USD 1 =	SHP 0.65420	SHP 0.74446	SHP 0.75947	SHP 0.76182
		V	EUR 1 =	SHP 0.72584	SHP 0.82650	SHP 0.84400	SHP 0.84806
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 2.9844	XCD 2.9874	XCD 2.9925
		V, S	EUR 1 =	XCD 3.0144	XCD 3.0163	XCD 3.0193	XCD 3.0245
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 2.9844	XCD 2.9874	XCD 2.9925
		V, S	EUR 1 =	XCD 3.0144	XCD 3.0163	XCD 3.0193	XCD 3.0245
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 2.9844	XCD 2.9874	XCD 2.9925
		V, S	EUR 1 =	XCD 3.0144	XCD 3.0163	XCD 3.0193	XCD 3.0245
Samoa							
Apia 819	Tala = 100 sene WST	M	WST 1 =	USD 0.39008	USD 0.39264	USD 0.39271	USD 0.39539
		M	WST 1 =	EUR 0.35283	EUR 0.35368	EUR 0.35467	EUR 0.35494
Sao Tome and Principe ¹							
São Tomé 311	Dobra = 100 céntimos	B	USD 1 =	STD 22,224.17	STD 22,091.97	STD 22,091.97	STD 21,937.68
		S	USD 1 =	STD 22,557.53	STD 22,423.35	STD 22,423.35	STD 22,266.74
	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 4.0283	SAR 4.0438	SAR 4.0898
		S	EUR 1 =	SAR 4.2823	SAR 4.3399	SAR 4.3571	SAR 4.3280

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 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		
					June 2016	July 2016	August 2016
Senegal ¹							
Dakar 248	CFA franc	V	USD 1 =	XOF 591.219	XOF 590.846	XOF 590.261	XOF 589.254
	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 110.7382	RSD 110.8859	RSD 110.1197
		S	USD 1 =	RSD 109.2288	RSD 111.4046	RSD 111.5533	RSD 110.7825
	RSD	B	EUR 1 =	RSD 120.3764	RSD 122.9416	RSD 122.8949	RSD 122.8276
		S	EUR 1 =	RSD 121.1008	RSD 123.6814	RSD 123.6345	RSD 123.5668
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 12.9659	SCR 12.8670	SCR 12.9822	SCR 12.8719
		S	USD 1 =	SCR 13.4927	SCR 13.5095	SCR 13.4993	SCR 13.5550
	SCR	B	EUR 1 =	SCR 14.3586	SCR 14.4360	SCR 14.6321	SCR 14.6472
		S	EUR 1 =	SCR 14.9151	SCR 14.9586	SCR 14.9609	SCR 15.1108
Sierra Leone							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 5,041.44	SLL 6,102.39	SLL 6,035.52	SLL 6,221.07
		S	USD 1 =	SLL 5,143.28	SLL 6,225.67	SLL 6,157.45	SLL 6,346.74
	SLL	V, B	EUR 1 =	SLL 5,565.69	SLL 6,774.87	SLL 6,707.27	SLL 6,925.30
		V, S	EUR 1 =	SLL 5,678.13	SLL 6,911.74	SLL 6,842.77	SLL 7,065.19
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.3764	SGD 1.3490	SGD 1.3475	SGD 1.3630
		M	EUR 1 =	SGD 1.5225	SGD 1.4977	SGD 1.4949	SGD 1.5204
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 197.73	ANG 197.93	ANG 198.27
		S	EUR 100 =	ANG 200.69	ANG 201.72	ANG 201.92	ANG 202.26
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents SBD	M	SBD 1 =	USD 0.1260	USD 0.1264	USD 0.1263	USD 0.1268
		M	SBD 1 =	EUR 0.1145	EUR 0.1137	EUR 0.1140	EUR 0.1138

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 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		
					June 2016	July 2016	August 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 14.5318	ZAR 13.7808	ZAR 14.4480
		S	USD 1 =	ZAR 12.9743	ZAR 14.8493	ZAR 14.0983	ZAR 14.7655
	ZAR	B	EUR 1 =	ZAR 14.0492	ZAR 16.0985	ZAR 15.3496	ZAR 16.0749
		S	EUR 1 =	ZAR 14.4799	ZAR 16.5304	ZAR 15.7833	ZAR 16.5058
South Sudan							
Juba 225	South Sudanese pound = 100 piastres	B	USD 1 =	SSP 2.9377 ²	SSP 40.5786	SSP .	SSP .
		S	USD 1 =	SSP 2.9623 ²	SSP 41.2331	SSP .	SSP .
	SSP	B	EUR 1 =	SSP 3.2421 ³	SSP 44.9165	SSP .	SSP .
		S	EUR 1 =	SSP 3.2800 ³	SSP 45.6492	SSP .	SSP .
Spain							
Madrid 011	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1095	USD 1.1102	USD 1.1113	USD 1.1132
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 134.72	LKR 144.77	LKR 144.04	LKR 143.62
		S	USD 1 =	LKR 138.24	LKR 148.32	LKR 147.68	LKR 147.40
	LKR	B	EUR 1 =	LKR 148.39	LKR 159.67	LKR 158.64	LKR 159.19
		S	EUR 1 =	LKR 154.02	LKR 166.05	LKR 164.68	LKR 165.36
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 6.7468	SDG 6.7948	SDG 6.7796
		S	EUR 1 =	SDG 6.6854	SDG 6.7805	SDG 6.8288	SDG 6.8135
Suriname							
Paramaribo 492	Suriname dollar = 100 cent	B	USD 1 =	SRD 3.368	SRD 7.016	SRD 7.146	SRD 7.398
		S	USD 1 =	SRD 3.465	SRD 7.141	SRD 7.273	SRD 7.530
	SRD	B	EUR 1 =	SRD 3.712	SRD 7.781	SRD 7.925	SRD 8.262
		S	EUR 1 =	SRD 3.819	SRD 7.920	SRD 8.066	SRD 8.410
Swaziland ¹							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 12.8764	SZL 14.9425	SZL 14.1486	SZL 14.4240
		S	USD 1 =	SZL 12.9196	SZL 14.9475	SZL 14.1701	SZL 14.4740
	SZL	B	EUR 1 =	SZL 14.19967	SZL 16.5623	SZL 15.6993	SZL 16.0683
		S	EUR 1 =	SZL 14.24928	SZL 16.5768	SZL 15.7260	SZL 16.1269
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 8.4006	SEK 8.4488	SEK 8.5848	SEK 8.5097
		S	USD 1 =	SEK 8.4681	SEK 8.5163	SEK 8.6523	SEK 8.5772
	SEK	B	EUR 1 =	SEK 9.3083	SEK 9.3999	SEK 9.5429	SEK 9.4971
		S	EUR 1 =	SEK 9.3598	SEK 9.4514	SEK 9.5944	SEK 9.5486

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 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		
					June 2016	July 2016	August 2016
Switzerland							
Berne 039	Swiss franc = 100 rappen / centimes CHF	B	USD 1 =	CHF 0.9626	CHF 0.9793	CHF 0.9774	CHF 0.9826
		B	EUR 1 =	CHF 1.0635	CHF 1.0884	CHF 1.0844	CHF 1.0956
Syrian Arab Republic							
Damascus 608	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 241.34	SYP 467.09	SYP 467.09	SYP 497.07
		S	USD 1 =	SYP 242.80	SYP 469.90	SYP 469.90	SYP 500.06
		B	EUR 1 =	SYP 265.85	SYP 517.75	SYP 521.69	SYP 554.31
		S	EUR 1 =	SYP 267.72	SYP 521.38	SYP 525.35	SYP 558.20
Tajikistan							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 6.1934	TJS 7.8680	TJS 7.8685	TJS 7.8695
		M	EUR 1 =	TJS 6.8665	TJS 8.7335	TJS 8.7285	TJS 8.7894
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 2,168.0198	TZS 2,168.1683	TZS 2,165.7327
		S	USD 1 =	TZS 2,010.7875	TZS 2,189.7000	TZS 2,189.8500	TZS 2,187.3900
		B	EUR 1 =	TZS 2,195.1744	TZS 2,409.3204	TZS 2,404.2818	TZS 2,415.4417
		S	EUR 1 =	TZS 2,217.5630	TZS 2,434.7274	TZS 2,429.2006	TZS 2,440.4710
Thailand							
Bangkok 680	Thai baht = 100 satang THB	B	USD 1 =	THB 34.1461	THB 35.0167	THB 34.7093	THB 34.4603
		S	USD 1 =	THB 34.4524	THB 35.3436	THB 35.0415	THB 34.8079
		B	EUR 1 =	THB 37.6767	THB 38.6841	THB 38.2529	THB 38.2092
		S	EUR 1 =	THB 38.3431	THB 39.4353	THB 39.0247	THB 38.9770
Togo ¹							
Lomé 280	CFA franc XOF	V	USD 1 =	XOF 591.219	XOF 590.846	XOF 590.261	XOF 589.254
		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 0.4531	USD 0.4514	USD 0.4555
		M	TOP 1 =	EUR 0.4279	EUR 0.4072	EUR 0.4067	EUR 0.4075
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.3181	TTD 6.6394	TTD 6.6863	TTD 6.6561
		S	USD 1 =	TTD 6.3733	TTD 6.6621	TTD 6.7125	TTD 6.7201
		B	EUR 1 =	TTD 6.9266	TTD 7.2875	TTD 7.3572	TTD 7.5605
		S	EUR 1 =	TTD 7.2816	TTD 7.7114	TTD 7.7151	TTD 7.9256

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 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		
					June 2016	July 2016	August 2016
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes	B	USD 1 =	TND 1.9524	TND 2.1763	TND 2.2044	TND 2.2023
		S	USD 1 =	TND 1.9563	TND 2.1784	TND 2.2067	TND 2.2046
	TND	B	EUR 1 =	TND 2.1625	TND 2.4256	TND 2.4526	TND 2.4553
		S	EUR 1 =	TND 2.1668	TND 2.4281	TND 2.4550	TND 2.4578
Turkey							
Ankara 052	Turkish lira = 100 kuruş	B	USD 1 =	TRY 2.7200	TRY 2.8936	TRY 3.0167	TRY 2.9545
		S	USD 1 =	TRY 2.7249	TRY 2.8988	TRY 3.0221	TRY 2.9598
	TRY	B	EUR 1 =	TRY 3.0326	TRY 3.2044	TRY 3.3467	TRY 3.3040
		S	EUR 1 =	TRY 3.0381	TRY 3.2102	TRY 3.3528	TRY 3.3100
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 3.8822	TMT 3.8847	TMT 3.9081
Uganda							
Kampala 350	Uganda shilling	B	USD 1 =	UGX 3,257.40	UGX 3,399.86	UGX 3,370.63	UGX 3,370.64
		S	USD 1 =	UGX 3,267.41	UGX 3,409.86	UGX 3,380.63	UGX 3,380.64
	UGX	B	EUR 1 =	UGX 3,594.17	UGX 3,775.54	UGX 3,735.67	UGX 3,758.60
		S	EUR 1 =	UGX 3,605.22	UGX 3,786.65	UGX 3,746.75	UGX 3,769.75
Ukraine							
Kyiv 072	Hryvnia = 100 kopiyok UAH	M	USD 100 =	UAH 2,199.5317	UAH 2,485.4409	UAH 2,479.8204	UAH 2,565.2241
		M	EUR 100 =	UAH 2,434.6740	UAH 2,756.3540	UAH 2,750.1208	UAH 2,864.8423
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 4.0772	AED 4.0812	AED 4.0882
United Kingdom ¹							
London 006	Pound sterling = 100 pence GBP	M	GBP 1 =	USD 1.5286	USD 1.3429	USD 1.3267	USD 1.3099
		M	EUR 1 =	GBP 0.7236	GBP 0.8278	GBP 0.8427	GBP 0.8500
United States							
Washington 400	US dollar = 100 cents USD	M	EUR 1 =	USD 1.10306	USD 1.1104	USD 1.1170	USD 1.1156
		M	GBP 1 =	USD 1.52887	USD 1.3306	USD 1.3226	USD 1.3137

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 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			
					June 2016	July 2016	August 2016	
Uruguay								
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 27.389	UYU 30.583	UYU 29.752	UYU 28.798	
		M	EUR 1 =	UYU 30.3701	UYU 33.9058	UYU 33.2612	UYU 32.1256	
Uzbekistan								
Tashkent 081	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 2,575.45	UZS 2,943.46	UZS 2,964.03	UZS 2,989.64	
		M	EUR 1 =	UZS 2,871.14	UZS 3,334.25	UZS 3,291.37	UZS 3,383.67	
Vanuatu								
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 108.71	VUV 108.80	VUV 108.55	VUV 108.18	
		S	USD 1 =	VUV 114.17	VUV 114.27	VUV 114.01	VUV 113.61	
		B	EUR 1 =	VUV 119.79	VUV 120.80	VUV 120.02	VUV 120.32	
		S	EUR 1 =	VUV 124.37	VUV 125.42	VUV 124.62	VUV 124.93	
Venezuela, Bolivarian Republic of ¹								
Caracas 484	Bolívar = 100 céntimos VEF	2	B	USD 1 =	VEF 6.2842	VEF 9.975	VEF 9.975	VEF 9.975
			S	USD 1 =	VEF 6.3000	VEF 10.000	VEF 10.000	VEF 10.000
		B	S	EUR 1 =	VEF 6.94027048	VEF 11.0662650	VEF 11.1500550	VEF 11.1251175
			S	EUR 1 =	VEF 6.95987250	VEF 11.0960000	VEF 11.1820000	VEF 11.1580000
		3	B	USD 1 =	VEF 195.6779	VEF 626.7725	VEF 643.4810	VEF 643.7656
			S	USD 1 =	VEF 196.1683	VEF 628.3434	VEF 645.0938	VEF 645.3791
B	EUR 1 =	VEF 215.634902	VEF 695.341412	VEF 719.283062	VEF 717.991774			
S	EUR 1 =	VEF 216.241590	VEF 697.209837	VEF 721.343887	VEF 720.114000			
Viet Nam								
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 21,926	VND 22,270	VND 22,260	VND 22,265	
			S	USD 1 =	VND 21,993	VND 22,340	VND 22,330	VND 22,335
		B	S	EUR 1 =	VND 24,064.95	VND 24,690.64	VND 24,585.19	VND 24,725.06
			S	EUR 1 =	VND 24,381.26	VND 24,936.46	VND 24,830.08	VND 24,971.19
Yemen								
Sana'a 653	Yemeni rial = 100 fils YER	B	USD 1 =	YER 214.87	YER 250.00	YER 250.00	YER 250.00	
			S	USD 1 =	YER 214.91	YER 250.50	YER 250.50	YER 250.50
		B	S	EUR 1 =	YER 237.37	YER 277.63	YER 279.60	YER 278.83
			S	EUR 1 =	YER 237.41	YER 278.18	YER 280.16	YER 279.38
Zambia								
Lusaka 378	Kwacha = 100 ngwee ZMW	B	USD 1 =	ZMW 8.7719	ZMW 9.9044	ZMW 10.2260	ZMW 9.5086	
			S	USD 1 =	ZMW 8.7919	ZMW 9.9522	ZMW 10.2734	ZMW 9.5552
		B	S	EUR 1 =	ZMW 9.6840	ZMW 10.9929	ZMW 11.4030	ZMW 10.5878
			S	EUR 1 =	ZMW 9.7081	ZMW 11.0490	ZMW 11.4590	ZMW 10.6436

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 53. ¹ Explanatory notes on individual countries, see p 57 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-August 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
Baker Island (832)	US dollar	Monaco ¹ (001)	Euro
Balearics	Euro	Montenegro (097)	Euro
Bali	Indonesian rupiah	Montserrat (470)	East Caribbean dollar
Bonaire (475)	US dollar	Mooréa	CFP franc
Bora-Bora	CFP franc	Nauru (803)	Australian dollar
Borneo (northern part) (701)	Malaysian ringgit	Newfoundland	Canadian dollar
Borneo (southern part) (700)	Indonesian rupiah	Nicobar Islands	Indian rupee
British Virgin Islands (468)	US dollar	Niue (838)	New Zealand dollar
Canary Islands (011)	Euro	Norfolk Island (836)	Australian dollar
Ceuta (021)	Euro	Northern Mariana Islands (820)	US dollar
Chafarinas (Islands)	Euro	Palau (825)	US dollar
Christmas Island (834)	Australian dollar	Pescadores	New Taiwan dollar
Cocos Islands (833)	Australian dollar	Pitcairn Islands Group (813)	New Zealand dollar
Désirade (001)	Euro	Puerto Rico (400)	US dollar
Easter Island	Chilean peso	Réunion (001)	Euro
Ecuador (500)	US dollar	Saba (475)	US dollar
Faroe Islands ¹ (041)	Danish krone	San Marino ¹ (047)	Euro
(French) Guiana (001)	Euro	Spitzbergen/Spitsbergen (028)	Norwegian krone
French Polynesia (822)	CFP franc	St Barthélemy (001)	Euro
Galapagos Islands (500)	US dollar	St Eustatius (475)	US dollar
Gozo (Island of)	Euro	St Martin (northern part) (001)	Euro
Greenland (406)	Danish krone	St Pierre and Miquelon (408)	Euro
Guadeloupe (001)	Euro	Sumatra	Indonesian rupiah
Guam (831)	US dollar	Swan Islands (424)	Honduran lempira
Guernsey ¹ (107)	British pound sterling	Tahiti (822)	CFP franc
Howland Island (832)	US dollar	Tibet (720)	Chinese yuan renminbi
Isle of Man ¹ (109)	British pound sterling	Timor-Leste ¹ (626)	US dollar
Jarvis Island (832)	US dollar	Tokelau (839)	New Zealand dollar/Samoan tala
Java	Indonesian rupiah	Turks and Caicos Islands ¹ (454)	US dollar
Jersey ¹ (108)	British pound sterling	Tuvalu ¹ (807)	Australian dollar
Kiribati ¹ (812)	Australian dollar	Vatican City ¹ (045)	Euro
Kosovo (095)	Euro	Virgin Islands of the United States (457)	US dollar
Laccadive Islands	Indian rupee	Wallis and Futuna (Islands) (811)	CFP franc
Les Saintes Islands (001)	Euro	Western Sahara	Moroccan dirham
Liechtenstein (037)	Swiss franc	Zanzibar (Island) (352)	Tanzania shilling
		Zimbabwe (382)	US dollar ²

Sources: Central banks and The Statesman's Yearbook. * See Explanatory notes, p 53. 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, Botswana pula (since 2 February 2009); Japanese yen, Chinese yuan renminbi, Indian rupee, Australian dollar (since January 2014).

V Value of the special drawing right in selected currencies *

1 End-of-year and end-of-month rates

SDR 1 ¹ = CU ...

Period	US dollar USD	Euro EUR	Chinese yuan renminbi CNY	Japanese yen JPY	Pound sterling GBP	Canadian dollar CAD	Swiss franc CHF	Danish krone DKK	Norwegian krone NOK	Swedish krona SEK
1999	1.37251	1.36467	11.3508	140.111	0.848150	1.98094	2.19297	10.1549	11.0218	11.6873
2000	1.30291	1.40022	10.7847	149.704	0.873149	1.95462	2.13221	10.4500	11.5288	12.4232
2001	1.25673	1.42474	10.3925	165.491	0.866469	2.00147	2.10605	10.5685	11.3251	13.3943
2002	1.35952	1.29639	11.2123	162.414	0.843483	2.14750	1.88539	9.62844	9.47006	11.9542
2003	1.48597	1.17654	12.2989	158.575	0.832619	1.92047	1.83800	8.82099	9.91886	10.7715
2004	1.55301	1.14016	12.8107	161.161	0.804085	1.86920	1.75738	8.46296	9.37796	10.2351
2005	1.42927	1.21155	11.5345	168.610	0.830055	1.66418	1.87848	9.03881	9.67427	11.3363
2006	1.50440	1.14229	11.7474	178.948	0.766377	1.75308	1.83582	8.51702	9.41017	10.3390
2007	1.58025	1.07346	11.5302	179.947	0.788780	1.56144	1.77857	8.02021	8.55074	10.2088
2008	1.54027	1.10675	10.5271	140.464	1.056570	1.88621	1.63839	8.18003	10.7802	12.0833
2009	1.56769	1.08822	10.7045	143.797	0.968007	1.64075	1.61551	8.10688	9.05608	11.3070
2010	1.54003	1.15966	10.1995	125.436	0.997755	1.54142	1.44702	8.64469	9.06742	10.4761
2011	1.53527	1.18654	9.67352	119.321	0.992989	1.56254	1.44453	8.82099	9.20039	10.6293
2012	1.53692	1.16583	9.66660	133.020	0.953662	1.52954	1.40874	8.69762	8.55432	10.0140
2013	1.54000	1.11732	9.39770	162.162	0.935148	1.63856	1.37291	8.33556	9.41398	10.0229
2014	1.44881	1.19332	8.86525	174.733	0.928247	1.68076	1.43301	8.86611	10.7693	11.3176
2015	1.38573	1.27283	8.99548	167.116	0.935104	1.91785	1.37478	9.47221	12.2069	11.5742
2012 Aug	1.52201	1.20689	9.65698	119.402	0.960929	1.50116	1.45200	8.99297	8.80134	10.1599
Sep	1.54219	1.19272	9.77899	119.628	0.952499	1.51705	1.44272	8.89229	8.78974	10.0680
Oct	1.54057	1.18569	9.70591	122.691	0.955922	1.53995	1.43057	8.84502	8.75695	10.2185
Nov	1.53481	1.18190	9.65270	126.545	0.955849	1.52437	1.41970	8.81686	8.71771	10.2063
Dec	1.53692	1.16583	9.66660	133.020	0.953662	1.52954	1.40874	8.69762	8.55432	10.0140
2013 Jan	1.54134	1.13752	9.67886	140.369	0.976582	1.54010	1.40508	8.48738	8.45745	9.80286
Feb	1.51483	1.15380	9.50995	140.092	0.997128	1.55800	1.41000	8.60274	8.63849	9.7482
Mar	1.49920	1.16987	9.39832	140.999	0.990619	1.52139	1.42738	8.73332	8.71612	9.76134
Apr	1.50900	1.15437	9.35769	147.746	0.974488	1.51986	1.41288	8.60704	8.78194	9.89844
May	1.49877	1.15237	9.26175	151.420	0.985125	1.54958	1.42892	8.59166	8.77408	9.87264
June	1.50396	1.14982	9.29247	148.696	0.98743	1.57594	1.42094	8.57618	9.06569	10.0970
July	1.51326	1.13993	9.35008	148.390	0.995827	1.55669	1.40521	8.49755	8.96604	9.94194
Aug	1.51528	1.14490	9.35060	148.997	0.977536	1.59907	1.40951	8.54022	9.26286	9.99111
Sep	1.53408	1.13594	9.43156	149.957	0.949722	1.57780	1.38865	8.47185	9.21693	9.86368
Oct	1.53804	1.12751	9.44742	151.466	0.959058	1.60402	1.39100	8.40986	9.13734	9.87547
Nov	1.53521	1.12916	9.41540	155.624	0.940751	1.62655	1.38905	8.42197	9.31897	10.0835
Dec	1.54000	1.11732	9.39770	162.162	0.935148	1.63856	1.37291	8.33556	9.41398	10.0229
2014 Jan	1.53420	1.13510	9.37884	157.747	0.932079	1.70588	1.38431	8.46998	9.6609	10.0125
Feb	1.54740	1.12025	9.47230	157.526	0.927257	1.71375	1.36450	8.35988	9.26999	10.0439
Mar	1.54563	1.12100	9.50887	158.968	0.928695	1.70838	1.36633	8.36925	9.25386	10.0571
Apr	1.54969	1.11891	9.54299	158.967	0.921285	1.69800	1.36698	8.35143	9.25566	10.1799
May	1.54047	1.13212	9.50390	156.573	0.920785	1.67403	1.38149	8.45059	9.21837	10.2538
June	1.54589	1.13186	9.51158	156.599	0.907482	1.65039	1.37631	8.43889	9.51158	10.4202
July	1.53131	1.14456	9.44430	157.388	0.907013	1.66759	1.39226	8.53424	9.62001	10.5544
Aug	1.51838	1.15134	9.36040	157.472	0.915131	1.64866	1.38856	8.57979	9.37979	10.5872
Sep	1.48258	1.17824	9.12159	162.150	0.916305	1.66168	1.42046	8.76978	9.56627	10.7314
Oct	1.47833	1.18040	9.08595	163.459	0.923728	1.66681	1.41757	8.78735	10.0216	10.8662
Nov	1.46424	1.17374	8.98368	172.546	0.929973	1.64522	1.41446	8.73218	9.98841	10.8774
Dec	1.44881	1.19332	8.86525	174.733	0.928247	1.68076	1.43301	8.86611	10.7693	11.3176
2015 Jan	1.40980	1.24706	8.65194	166.667	0.934763	1.79285	1.30223	9.28315	11.0159	11.6534
Feb	1.40739	1.25213	8.65194	167.846	0.912176	1.76037	1.33534	9.34833	10.7357	11.7788
Mar	1.37949	1.28217	8.47314	165.691	0.932088	1.74961	1.34197	9.57735	11.1594	11.8956
Apr	1.40642	1.25405	8.59838	166.674	0.911718	1.70444	1.31598	9.35918	10.5145	11.6984
May	1.39050	1.26755	8.50933	172.075	0.911926	1.73326	1.30944	9.45555	10.8198	11.7894
June	1.40639	1.25694	8.59816	172.213	0.894767	1.75433	1.30823	9.37726	11.0497	11.5871
July	1.39470	1.27172	8.53170	172.901	0.895528	1.81966	1.34212	9.48902	11.4474	12.0354
Aug	1.40380	1.25172	8.96933	170.141	0.914997	1.85624	1.35382	9.34143	11.7142	11.8760
Sep	1.40374	1.25300	8.92961	168.378	0.923574	1.88016	1.36640	9.34719	11.9341	11.7748
Oct	1.39687	1.26793	8.86942	168.840	0.910075	1.82753	1.38137	9.45600	11.9096	11.8987
Nov	1.37217	1.29707	8.77855	168.502	0.914411	1.82951	1.41484	9.67661	11.9245	11.9797
Dec	1.38573	1.27283	8.99548	167.116	0.935104	1.91785	1.37478	9.47221	12.2069	11.5742
2016 Jan	1.38050	1.26419	9.07853	167.040	0.965111	1.94374	1.40783	9.43450	11.9902	11.7571
Feb	1.38131	1.26866	9.04429	156.641	0.997049	1.86795	1.38394	9.46450	12.0578	11.7931
Mar	1.40882	1.23744	9.11129	158.675	0.978139	1.82738	1.35529	9.22041	11.6498	11.4779
Apr	1.41733	1.24294	9.19084	158.372	0.969847	1.77861	1.36390	9.25249	11.4537	11.3943
May	1.40288	1.25774	9.23753	155.846	0.959693	1.83777	1.38913	9.35454	11.7220	11.6901
June	1.39884	1.25999	9.29463	143.941	1.03710	1.81976	1.36527	9.37348	11.7190	11.8640
July	1.39338	1.25383	9.27042	144.912	1.05743	1.81711	1.35799	9.32523	11.9229	12.0072
Aug	1.39434	1.25255	9.31255	143.561	1.06131	1.82993	1.37245	9.32297	11.6193	11.9107

V Value of the special drawing right in selected currencies *

2 Daily rates

SDR 1 = CU ...

Period	US dollar USD	Euro EUR	Chinese yuan renminbi CNY	Japanese yen JPY	Pound sterling GBP	Canadian dollar CAD	Swiss franc CHF	Danish krone DKK	Norwegian krone NOK	Swedish krona SEK	
2016 June	1	1.40280	1.25541	9.24360	155.275	0.971062	1.83640	1.38877	9.33838	11.6857	11.6884
	2	1.40495	1.25577	9.24163	153.210	0.973568	1.83768	1.38655	9.34082	11.7239	11.6374
	3	1.40223	1.25716	9.23395	152.787	0.973227	1.81561	1.39073	9.35095	11.6730	11.6622
	6	1.41210	1.24425	9.27076	151.010	0.981171	1.81540	1.37680	9.25438	11.5634	.
	7	1.41474	1.24669	9.29766	152.467	0.969800	1.80931	1.36664	9.27076	11.4976	11.4874
	8	1.41587	1.24439	9.30284	151.569	0.971836	1.79744	1.36291	9.25386	11.4552	11.4864
	9	1.41397	1.24655	.	150.729	0.977441	1.80012	1.35924	9.26964	11.5292	11.4705
	10	1.41139	1.24858	.	151.132	0.978770	1.79755	1.35987	9.28384	11.5774	11.5662
	13	1.40801	1.24957	9.27068	149.503	0.994500	1.80113	1.36014	9.29135	11.6541	11.6785
	14	1.40613	1.25267	9.26664	149.050	0.992743	1.80476	1.35804	9.31463	11.7319	11.6579
	15	1.40621	1.25219	9.26595	149.199	0.990638	1.81598	1.35545	9.31081	11.6973	11.6862
	16	1.40720	1.25935	9.26501	147.333	0.995966	1.83513	1.35865	9.36391	11.8124	11.7214
	17	1.41068	1.25349	9.29428	147.698	0.989531	1.81668	1.35792	9.32123	11.8217	11.7513
	20	1.41729	1.25070	9.32758	148.319	0.969218	1.81512	1.36074	9.30008	11.7034	11.6731
	21	1.41847	1.25373	9.32871	147.663	0.961612	1.81820	1.36017	9.32253	11.7498	11.6762
	22	1.41626	1.25521	9.32349	147.999	0.964823	1.81564	1.35720	9.33681	11.7432	11.7187
	23	1.42184	1.24843	9.35953	148.795	0.954763	1.81312	1.35871	9.28790	11.6096	11.6930
	24	1.39807	1.26339	9.23566	141.904	1.020260	1.81078	1.36591	9.39602	11.9012	.
	27	1.39165	1.26537	9.24129	142.296	1.053480	1.82001	1.35937	9.41052	11.9002	11.8317
	28	1.39538	1.26017	9.28221	142.399	1.046010	.	1.36413	9.37392	11.8185	11.8742
	29	1.39587	1.25867	9.28548	142.937	1.039990	1.81337	1.36865	9.36154	11.7138	11.8550
	30	1.39884	1.25999	9.29463	143.941	1.037100	1.81976	1.36527	9.37348	11.7190	11.8640
July	1	1.39596	1.25367	9.29446	143.645	1.05054	.	1.36009	9.32470	11.6560	11.8246
	5	1.39684	1.25322	9.31515	142.715	1.06143	1.80877	1.35689	9.32392	11.6797	11.7627
	6	1.39286	1.25834	9.31697	140.540	1.07300	1.81141	1.36208	9.36347	11.7677	11.8805
	7	1.39316	1.25737	9.31315	140.640	1.06911	1.80888	1.36098	9.35620	11.7919	11.9192
	8	1.39257	1.25797	9.31350	140.510	1.07261	1.82051	1.36472	9.36084	11.8161	11.9327
	11	1.38962	1.25769	9.29403	139.962	1.07050	1.82415	1.36641	9.35366	11.8300	11.9439
	12	1.39194	1.25490	9.31021	143.369	1.05762	1.81174	1.36674	9.33376	11.7332	11.8614
	13	1.39193	1.25716	9.31350	145.178	1.04680	1.80464	1.37063	9.35060	11.7099	11.9234
	14	1.39122	1.24695	9.30432	144.895	1.05236	1.79676	1.36326	9.27455	11.6274	11.8098
	15	1.39392	1.25263	9.31532	147.268	1.04242	1.80862	1.36451	9.31645	11.6723	11.8409
	18	1.38883	1.25652	9.30354	.	1.04952	1.80326	1.36647	9.34684	11.7644	.
	19	1.38799	1.25781	9.28859	146.989	1.05407	1.80842	1.36482	9.35673	11.7591	11.8816
	20	1.38551	1.25807	9.26063	146.878	1.05202	1.80671	1.36653	9.35804	11.7695	11.9613
	21	1.38614	1.25841	9.24967	148.608	1.05130	1.80988	1.36770	9.36128	11.7712	11.9086
	22	1.38545	1.25790	9.23847	146.664	1.05703	1.82575	1.36633	9.35751	11.8050	11.9310
	25	1.38443	1.26063	9.24659	147.345	1.05432	1.83090	1.36394	9.37822	11.8627	11.9969
	26	1.38688	1.26115	9.25952	144.791	1.05708	1.83193	1.36941	9.38201	11.9014	11.9821
	27	1.38514	1.26025	9.23677	145.647	1.05728	1.83115	1.37641	9.37515	11.8951	11.9943
	28	1.39032	1.25367	9.25592	145.775	1.05736	1.83105	1.36835	9.32714	11.8353	11.9372
	29	1.39338	1.25383	9.27042	144.912	1.05743	1.81711	1.35799	9.32523	11.9229	12.0072
Aug	1	1.39693	1.25128	9.27265	143.102	1.05981	.	1.35349	9.30813	11.8190	11.9516
	2	1.39924	1.25010	9.29290	143.352	1.05715	1.83146	1.35166	9.29947	11.7963	11.9813
	3	1.40142	1.25127	9.29005	141.894	1.05007	1.83306	1.35700	9.30787	11.7914	11.9383
	4	1.39776	1.25517	9.27876	141.663	1.05213	1.82058	1.36114	9.33637	11.8135	11.9569
	5	1.39726	1.25248	9.28212	141.473	1.06183	1.84159	1.36149	9.31498	11.7760	11.9112
	8	1.39205	1.25557	9.27231	142.128	1.06540	1.83249	1.36699	9.33742	11.8105	11.9406
	9	1.39140	1.25600	9.26982	142.410	1.07163	1.82510	1.36775	9.34047	11.7525	11.9453
	10	1.39714	1.24923	9.28764	141.810	1.06913	1.82467	1.36557	9.29230	11.5643	11.8944
	11	1.39505	1.25083	9.26535	.	1.07477	1.81454	1.36003	9.30440	11.5443	11.8008
	12	1.39423	1.24953	9.26355	142.267	1.07554	1.80483	1.35979	9.29627	11.4501	11.7875
	15	1.39557	1.24828	9.26733	141.372	1.08025	1.80336	1.35971	9.28781	11.4532	11.8148
	16	1.40211	1.24135	9.29454	140.603	1.08021	1.80339	1.34855	9.23523	11.4329	11.8182
	17	1.40120	1.24264	9.29135	140.821	1.07719	1.80545	1.34964	9.24684	11.5332	11.7900
	18	1.40555	1.24154	9.31541	140.274	1.06853	1.79559	1.34694	9.23924	11.4706	11.7744
	19	1.40542	1.24088	9.34117	141.034	1.07120	1.80990	1.34583	9.23429	11.5461	11.7643
	22	1.40343	1.24131	9.34475	141.409	1.07246	1.81631	1.35220	9.23788	11.5791	11.8124
	23	1.40647	1.24038	9.34143	140.829	1.06704	1.81462	1.35288	9.23131	11.5201	11.7429
	24	1.40485	1.24676	9.34745	140.977	1.06091	1.81788	1.35568	9.27988	11.5275	11.7774
	25	1.40460	1.24411	9.34719	141.092	1.06433	1.81713	1.35558	9.26123	11.5418	11.8043
	26	1.40453	1.24405	9.36110	141.085	1.06396	1.81845	1.35860	9.26346	11.5076	11.7971
	29	1.39671	1.25041	9.32749	142.353	1.06741	1.81837	1.36584	9.30951	11.5952	11.8533
	30	1.39584	1.24986	9.32323	142.292	1.06683	1.82520	1.36750	9.30492	11.6078	11.8617
	31	1.39434	1.25255	9.31255	143.561	1.06131	1.82993	1.37245	9.32297	11.6193	11.9107
Sep	1	1.39542	1.25195	9.32158	144.245	1.05347	1.82898	1.37365	9.31680	11.6494	11.9910
	2	1.39709	1.24818	9.33210	144.319	1.05385	1.81607	1.36872	9.28686	11.6293	11.9610
	6	1.39746	1.25232	9.33559	144.637	1.04828	1.79476	1.36770	9.31914	11.5355	11.9333
	7	1.40340	1.24891	9.35314	142.375	1.04880	1.80969	1.35906	9.29696	11.4829	11.8778
	8	1.40510	1.24389	9.36268	142.842	1.05077	1.81384	1.35957	9.25814	11.4375	11.8391

Source: IMF, Washington. * See Explanatory notes, pp 53–54. 1 ISO currency code: XDR.

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 54–55. 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-August 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
BYN	Belarusian rouble	Belarus ¹				KWD	Kuwaiti dinar	Kuwait
BYR	Belarusian rouble	Belarus				KYD	Cayman Islands dollar	Cayman Islands
BZD	Belize dollar	Belize				KZT	Tenge	Kazakhstan
			FJD	Fiji dollar	Fiji			
CAD	Canadian dollar	Canada	FKP	Falkland Islands pound	Falkland Islands (Islas Malvinas)	LAK	Kip	Lao People's Democratic Republic
CDF	Congo franc	Congo, Democratic Republic of the				LBP	Lebanese pound	Lebanon
CHF	Swiss franc	Switzerland Liechtenstein	GBP	Pound sterling	United Kingdom Guernsey Isle of Man Jersey	LKR	Sri Lanka rupee	Sri Lanka
CLP	Chilean peso	Chile				LRD	Liberian dollar	Liberia
CNY	Chinese yuan renminbi	China	GEL	Lari	Georgia	LSL	Loti	Lesotho
COP	Colombian peso	Colombia	GHS	Ghana cedi	Ghana	LYD	Libyan dinar	Libya
CRC	Costa Rican colón	Costa Rica	GIP	Gibraltar pound	Gibraltar			

* Extracted and compiled from ISO communications. ¹ See Explanatory notes on individual countries, p 57 ff.

VII ISO currency codes *

As of end-August 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	TTD	Trinidad and Tobago dollar	Trinidad and Tobago	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	XCD	East Caribbean dollar	Anguilla Antigua and Barbuda Dominica Grenada Montserrat Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines
NPR	Nepalese rupee	Nepal	UYU	Uruguayan peso	Uruguay	XOF	CFA franc	Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo
NZD	New Zealand dollar	New Zealand Cook Islands Niue Pitcairn Islands Group Tokelau	VEF	Bolívar	Venezuela, Bolivarian Republic of	XPF	CFP franc	New Caledonia French Polynesia Wallis and Futuna (Islands)
OMR	Rial Omani	Oman	VND	Dong	Viet Nam	YER	Yemeni rial	Yemen
PAB	Balboa	Panama	VUV	Vatu	Vanuatu	ZAR	South African rand	South Africa Lesotho Namibia
PEN	Sol	Peru	WST	Tala	Samoa	ZMW	Kwacha	Zambia
PGK	Kina	Papua New Guinea	XAF	CFA franc	Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon			
PHP	Philippine peso	Philippines	XCD	East Caribbean dollar	Anguilla Antigua and Barbuda Dominica Grenada Montserrat Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines			
PKR	Pakistani rupee	Pakistan	XOF	CFA franc	Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo			
PLN	Polish zloty	Poland	XPF	CFP franc	New Caledonia French Polynesia Wallis and Futuna (Islands)			
PYG	Guaraní	Paraguay	XSD	Special drawing right				
QAR	Qatari riyal	Qatar	XPD	Palladium				
RON	Romanian leu	Romania	XPT	Platinum				
RSD	Serbian dinar	Serbia						
RUB	Russian rouble	Russian Federation						
RWF	Rwanda franc	Rwanda						

■ 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. 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 14.15 CET. Only one reference rate, ie the middle rate, is established by this procedure. The ECB changed the publication time of the euro foreign exchange reference rates from around 14.30 CET to around 16.00 CET with effect from 1 July 2016.

■ 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 52 shows trading partners' membership of the 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

Angola

There is a black market in which, according to financial information providers, the exchange rate for the US dollar stood at 620 kwanza at the beginning of July 2016.

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.

Belarus

With effect from 1 July 2016, a currency changeover took place at the ratio of 10,000 old Belarusian rouble (BYR) = 1 new Belarusian rouble (BYN); the (old) Belarusian rouble will also remain legal tender in this ratio until the end of December 2016.

The currency changeover did not entail any appreciation or depreciation against other currencies.

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 bureaus (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.

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 35,530 and EUR 1 = IRR 39,950 at the end of August 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.

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.

There is still a black market in which, according to press reports, the exchange rate for the US dollar stood at more than 1,000 bolívar at the beginning of July 2016.

Exchange rate application until 9 March 2016

Somalia

No exchange rates are available for the Somali shilling.

Official exchange rate

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

Swaziland

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

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.

Togo

See Explanatory notes on Benin.

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.

United Arab Emirates

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

Exchange rate application since 10 March 2016

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.

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.

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.

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).

