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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.

■ Contents

■ I Euro area and exchange rate stability convergence criterion

1 Euro area countries and irrevocable euro conversion rates in the third stage of European Economic and Monetary Union	7
2 Central rates and intervention rates in Exchange Rate Mechanism II	7

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

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

■ III Effective exchange rates of the euro

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

■ IV Overview of world currencies

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

■ V Value of the special drawing right in selected currencies

1 End-of-year and end-of-month rates	44
2 Daily rates	45

■ VI Global exchange rate arrangements and monetary policy framework

46

■ VII ISO currency codes

48

■ Explanatory notes

Euro foreign exchange reference rates of the European Central Bank	51
Effective exchange rates of the euro	51
Indicators of the German economy's price competitiveness	51
Overview of world currencies	53
Value of the special drawing right	53
Global exchange rate arrangements and monetary policy framework	54

■ Explanatory notes on individual countries	57
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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
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 countries and irrevocable euro conversion rates in the third stage of 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 euro area 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 the euro area on 1 January

2001. ³ Until 31 December 2010; accession to the euro area on 1 January 2011. ⁴ Until 31 December 2014; accession to the euro area on 1 January 2015. ⁵ Until 31 December 2006; accession to the euro area on 1 January 2007. ⁶ Until 31 December 2007; accession to the euro area on 1 January 2008. ⁷ Until 31 December 2013; accession to the euro area on 1 January 2014. ⁸ Until 31 December 2008; accession to the euro area 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	Czechia Czech koruna CZK	Denmark Danish krone DKK	Hungary Hungarian forint HUF	Poland Polish zloty PLN	Romania Romanian leu RON	Sweden Swedish krona SEK	
2018	May	2	1.9558	7.4110	25.601	7.4488	314.04	4.2755	4.6635	10.6174
		3	1.9558	7.4153	25.585	7.4497	314.06	4.2628	4.6658	10.6045
		4	1.9558	7.4040	25.503	7.4492	313.87	4.2543	4.6620	10.5715
		7	1.9558	7.3985	25.518	7.4486	314.34	4.2537	4.6563	10.5383
		8	1.9558	7.3920	25.526	7.4503	314.91	4.2792	4.6495	10.4760
		9	1.9558	7.3875	25.564	7.4495	315.12	4.2656	4.6448	10.3473
		10	1.9558	7.3885	25.498	7.4496	313.85	4.2443	4.6388	10.3150
		11	1.9558	7.3893	25.506	7.4498	314.97	4.2584	4.6345	10.2635
		14	1.9558	7.3835	25.488	7.4505	315.37	4.2629	4.6290	10.2958
		15	1.9558	7.3833	25.551	7.4492	316.93	4.2837	4.6331	10.2928
		16	1.9558	7.3830	25.545	7.4487	317.27	4.2889	4.6350	10.2903
		17	1.9558	7.3803	25.557	7.4481	316.58	4.2899	4.6319	10.2950
		18	1.9558	7.3840	25.590	7.4483	317.68	4.2950	4.6323	10.3073
		21	1.9558	7.3815	25.680	7.4471	319.40	4.3138	4.6217	10.2555
		22	1.9558	7.3868	25.702	7.4478	317.45	4.2862	4.6265	10.2158
		23	1.9558	7.3913	25.813	7.4495	319.53	4.3088	4.6294	10.2906
		24	1.9558	7.3946	25.809	7.4496	319.27	4.3031	4.6270	10.2518
		25	1.9558	7.3905	25.765	7.4485	319.90	4.3090	4.6297	10.1922
		28	1.9558	7.3950	25.731	7.4474	319.42	4.3053	4.6360	10.2373
		29	1.9558	7.3903	25.907	7.4429	320.05	4.3110	4.6470	10.3173
		30	1.9558	7.3893	25.835	7.4432	319.57	4.3135	4.6443	10.2783
		31	1.9558	7.3870	25.797	7.4436	318.89	4.3058	4.6508	10.2683
	June	1	1.9558	7.3850	25.827	7.4441	319.84	4.3162	4.6650	10.2943
		4	1.9558	7.3790	25.696	7.4434	318.64	4.2848	4.6548	10.2583
		5	1.9558	7.3830	25.653	7.4425	318.68	4.2886	4.6526	10.2498
		6	1.9558	7.3878	25.648	7.4436	318.64	4.2753	4.6534	10.2760
		7	1.9558	7.3848	25.640	7.4483	317.36	4.2603	4.6555	10.2515
		8	1.9558	7.3830	25.795	7.4476	319.70	4.2793	4.6593	10.2870
		11	1.9558	7.3788	25.682	7.4492	321.65	4.2669	4.6590	10.2530
		12	1.9558	7.3815	25.652	7.4503	319.89	4.2754	4.6605	10.1550
		13	1.9558	7.3800	25.711	7.4503	320.35	4.2766	4.6650	10.1360
		14	1.9558	7.3843	25.651	7.4499	321.09	4.2671	4.6655	10.1600
		15	1.9558	7.3801	25.714	7.4503	323.04	4.2807	4.6628	10.1713
		18	1.9558	7.3795	25.739	7.4500	323.02	4.2876	4.6658	10.2223
		19	1.9558	7.3860	25.811	7.4529	324.33	4.3143	4.6680	10.3227
		20	1.9558	7.3836	25.835	7.4525	324.15	4.3152	4.6695	10.2755
		21	1.9558	7.3790	25.863	7.4520	326.15	4.3256	4.6723	10.3248
		22	1.9558	7.3788	25.792	7.4526	324.05	4.3148	4.6663	10.2950
		25	1.9558	7.3825	25.935	7.4517	325.42	4.3370	4.6690	10.3623
		26	1.9558	7.3810	25.900	7.4510	326.00	4.3410	4.6669	10.3383
		27	1.9558	7.3806	25.777	7.4507	326.80	4.3363	4.6553	10.3503
		28	1.9558	7.3820	26.001	7.4509	328.07	4.3631	4.6584	10.4191
		29	1.9558	7.3860	26.020	7.4525	329.77	4.3732	4.6631	10.4530
	July	2	1.9558	7.3846	25.998	7.4504	329.81	4.3893	4.6578	10.4490
		3	1.9558	7.3845	26.073	7.4506	327.35	4.3915	4.6615	10.3123
		4	1.9558	7.3940	26.028	7.4507	325.65	4.3790	4.6656	10.2510
		5	1.9558	7.3970	25.938	7.4507	322.95	4.3577	4.6625	10.2363
		6	1.9558	7.4065	25.942	7.4528	324.35	4.3675	4.6608	10.2910
		9	1.9558	7.4113	25.858	7.4534	322.74	4.3204	4.6585	10.2548
		10	1.9558	7.3980	25.898	7.4536	324.84	4.3208	4.6585	10.2438
		11	1.9558	7.3960	25.929	7.4541	324.66	4.3214	4.6602	10.2745
		12	1.9558	7.3975	25.938	7.4554	325.28	4.3272	4.6588	10.3350
		13	1.9558	7.3963	25.924	7.4555	324.06	4.3210	4.6578	10.3760
		16	1.9558	7.3945	25.883	7.4549	322.14	4.3013	4.6558	10.3333
		17	1.9558	7.3915	25.875	7.4540	323.35	4.3007	4.6617	10.3003
		18	1.9558	7.3928	25.853	7.4544	323.94	4.3103	4.6560	10.3120
		19	1.9558	7.3938	25.920	7.4537	325.77	4.3280	4.6575	10.3565
		20	1.9558	7.3956	25.875	7.4520	325.63	4.3229	4.6523	10.3908
		23	1.9558	7.3978	25.848	7.4509	326.02	4.3200	4.6464	10.3488
		24	1.9558	7.3975	25.761	7.4504	326.64	4.3179	4.6398	10.3278
		25	1.9558	7.4020	25.675	7.4513	325.92	4.2996	4.6275	10.2925
		26	1.9558	7.4025	25.647	7.4517	324.43	4.2835	4.6318	10.2738
		27	1.9558	7.4008	25.622	7.4500	323.15	4.2918	4.6290	10.3010
		30	1.9558	7.4005	25.624	7.4493	322.02	4.2773	4.6238	10.2503
		31	1.9558	7.4020	25.598	7.4499	320.43	4.2770	4.6255	10.2570
	Aug	1	1.9558	7.4020	25.590	7.4514	321.36	4.2720	4.6240	10.2995
		2	1.9558	7.4068	25.589	7.4515	321.83	4.2820	4.6227	10.3003
		3	1.9558	7.4068	25.657	7.4526	320.75	4.2612	4.6202	10.3193
		6	1.9558	7.4180	25.650	7.4520	320.54	4.2731	4.6272	10.3040
		7	1.9558	7.4176	25.606	7.4520	319.94	4.2523	4.6433	10.3245
		8	1.9558	7.4320	25.578	7.4534	319.26	4.2597	4.6430	10.3878

* See Explanatory notes, p 51.

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

		Other European and non-European countries							
United Kingdom	Australia	Brazil	Canada	China	Hong Kong	Iceland	India		
Pound sterling GBP	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Hong Kong dollar HKD	Icelandic krona ISK	Indian rupee INR	Period	
0.88040	1.5987	4.2293	1.5401	7.6353	9.4250	122.20	80.0455	2018 May 2	
0.88180	1.5926	4.2367	1.5404	7.6135	9.4131	122.20	79.8965	3	
0.88235	1.5915	4.2446	1.5410	7.6113	9.3952	122.20	80.0270	4	
0.88010	1.5882	4.2162	1.5338	7.5778	9.3428	121.80	79.9040	7	
0.87930	1.5929	4.2233	1.5398	7.5586	9.3178	122.00	79.6300	8	
0.87445	1.5923	4.2451	1.5299	7.5628	9.3248	122.40	79.9010	9	
0.87810	1.5865	4.2464	1.5172	7.5419	9.3241	122.40	79.8905	10	
0.88000	1.5801	4.2486	1.5197	7.5572	9.3681	122.40	80.3600	11	
0.88240	1.5861	4.2927	1.5301	7.5973	9.4103	122.20	80.9545	14	
0.87900	1.5857	4.3439	1.5253	7.5606	9.3280	122.60	80.8720	15	
0.87418	1.5741	4.3294	1.5161	7.5137	9.2504	123.00	79.8925	16	
0.87350	1.5681	4.3286	1.5077	7.5174	9.2666	123.20	79.9645	17	
0.87325	1.5673	4.3831	1.5074	7.5147	9.2480	123.40	80.1115	18	
0.87640	1.5619	4.3714	1.5139	7.5097	9.2300	123.40	80.1280	21	
0.87688	1.5543	4.3170	1.5066	7.5112	9.2565	123.60	80.2105	22	
0.87953	1.5544	4.3040	1.5109	7.4797	9.1904	123.80	80.1055	23	
0.87475	1.5519	4.2794	1.5111	7.4868	9.2043	123.80	80.1930	24	
0.87540	1.5424	4.2554	1.5126	7.4611	9.1589	123.80	79.1505	25	
0.87465	1.5410	4.2953	1.5114	7.4508	9.1354	123.20	78.5280	28	
0.87143	1.5366	4.3415	1.5058	7.4174	9.0681	122.94	78.4060	29	
0.87500	1.5409	4.3112	1.5093	7.4673	9.1268	122.90	78.3880	30	
0.87680	1.5414	4.3626	1.5038	7.4951	9.1818	122.90	78.8020	31	
0.87680	1.5494	4.3681	1.5142	7.4883	9.1547	122.10	78.3140	June 1	
0.87673	1.5311	4.3893	1.5148	7.5166	9.2091	122.50	78.7120	4	
0.87390	1.5335	4.3926	1.5158	7.4770	9.1611	123.50	78.3975	5	
0.87683	1.5365	4.4924	1.5150	7.5230	9.2328	123.70	78.7310	6	
0.88123	1.5457	4.5872	1.5313	7.5660	9.2868	124.30	79.4380	7	
0.87733	1.5496	4.5149	1.5274	7.5333	9.2222	124.70	79.3420	8	
0.88180	1.5501	4.3902	1.5348	7.5518	9.2508	124.90	79.4980	11	
0.88175	1.5506	4.3608	1.5335	7.5496	9.2499	125.10	79.5015	12	
0.88210	1.5506	4.3587	1.5313	7.5293	9.2325	125.50	79.5340	13	
0.87683	1.5514	4.3312	1.5222	7.5009	9.2058	124.64	79.2925	14	
0.87320	1.5518	4.3761	1.5223	7.4463	9.1020	124.70	78.8705	15	
0.87655	1.5610	4.3472	1.5307	7.4780	9.1156	125.70	79.0145	18	
0.87693	1.5695	4.3536	1.5319	7.4765	9.0534	126.20	78.8670	19	
0.87878	1.5688	4.3273	1.5398	7.4953	9.0847	125.80	78.8600	20	
0.87370	1.5664	4.3567	1.5381	7.4977	9.0528	126.60	78.4145	21	
0.87663	1.5681	4.3617	1.5459	7.5689	9.1393	126.60	79.0300	22	
0.88040	1.5742	4.4042	1.5542	7.6468	9.1810	126.20	79.6450	25	
0.88160	1.5778	4.4051	1.5549	7.6749	9.1608	125.20	79.7095	26	
0.88173	1.5725	4.4152	1.5443	7.6649	9.1158	124.40	79.6940	27	
0.88520	1.5778	4.4822	1.5398	7.6728	9.0906	124.20	79.6830	28	
0.88605	1.5787	4.4876	1.5442	7.7170	9.1468	123.40	79.8130	29	
0.88650	1.5825	4.5227	1.5342	7.7586	9.1325	124.00	80.0705	July 2	
0.88350	1.5761	4.5429	1.5344	7.7481	9.1506	124.60	79.9310	3	
0.88108	1.5763	4.5346	1.5306	7.7207	9.1307	125.25	80.0270	4	
0.88310	1.5821	4.5521	1.5374	7.7672	9.1887	124.80	80.7300	5	
0.88595	1.5809	4.6279	1.5397	7.7937	9.2013	125.20	80.7460	6	
0.88345	1.5755	4.5564	1.5415	7.7967	9.2526	125.20	80.9585	9	
0.88338	1.5739	4.5513	1.5382	7.7767	9.1926	125.40	80.6170	10	
0.88482	1.5869	4.4923	1.5421	7.8359	9.2111	125.40	80.7045	11	
0.88263	1.5778	4.5049	1.5369	7.7780	9.1494	125.40	79.8805	12	
0.88488	1.5764	4.5373	1.5358	7.8012	9.1387	125.20	79.7320	13	
0.88270	1.5773	4.5090	1.5399	7.8273	9.1989	125.20	80.3515	16	
0.88725	1.5810	4.5281	1.5403	7.8324	9.1888	124.60	80.1405	17	
0.89118	1.5794	4.4804	1.5389	7.8042	9.1141	124.40	79.6840	18	
0.89298	1.5804	4.4874	1.5351	7.8553	9.0963	124.40	80.0155	19	
0.89445	1.5818	4.4364	1.5443	7.9210	9.1597	124.00	80.3210	20	
0.89170	1.5821	4.4322	1.5387	7.9508	9.1948	124.60	80.6730	23	
0.89178	1.5797	4.4184	1.5393	7.9561	9.1846	124.60	80.7100	24	
0.88855	1.5766	4.3539	1.5341	7.9047	9.1714	124.20	80.3640	25	
0.88860	1.5792	4.3523	1.5287	7.9464	9.1949	122.20	80.4480	26	
0.88823	1.5765	4.3472	1.5193	7.9454	9.1241	122.80	79.8465	27	
0.89070	1.5795	4.3334	1.5245	7.9712	9.1696	122.80	80.1965	30	
0.89220	1.5804	4.3818	1.5298	8.0178	9.2114	122.80	80.4445	31	
0.89040	1.5767	4.4028	1.5231	7.9519	9.1807	123.40	79.9705	Aug 1	
0.89145	1.5781	4.3906	1.5144	7.9518	9.1185	124.00	79.7915	2	
0.89050	1.5689	4.3394	1.5085	7.9195	9.0955	123.60	79.5120	3	
0.89280	1.5629	4.2788	1.5032	7.9066	9.0605	123.80	79.4900	6	
0.89483	1.5599	4.3051	1.5047	7.9171	9.1065	123.80	79.6850	7	
0.90085	1.5647	4.3533	1.5158	7.9231	9.0971	124.00	79.5295	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	
2018	May									
	2	16,762.27	4.3354	131.84	1,291.54	4.7223	22.7479	1.7103	9.6958	
	3	16,708.75	4.3519	131.03	1,288.96	4.7094	22.8159	1.7041	9.6465	
	4	16,729.91	4.3342	130.37	1,288.32	4.7134	22.9276	1.7067	9.6440	
	7	16,735.40	4.3121	130.15	1,288.09	4.6947	23.0215	1.7013	9.6190	
	8	16,718.90	4.2699	129.45	1,278.90	4.7106	23.1788	1.7019	9.6233	
	9	16,713.75	4.2660	130.24	1,279.55	4.7332	23.2043	1.6995	9.6045	
	10	16,664.83	4.2529	130.22	1,270.74	4.7700	23.0556	1.7144	9.5470	
	11	16,672.69	4.2560	130.44	1,273.07	4.7713	22.9796	1.7110	9.5425	
	14	16,747.24	4.2881	131.27	1,280.74	4.7359	23.1847	1.7246	9.5653	
	15	16,715.82	4.2810	130.77	1,279.12	4.7009	23.4398	1.7222	9.5673	
	16	16,582.15	4.2351	129.83	1,274.50	4.6712	23.2843	1.7115	9.5715	
	17	16,588.39	4.2382	130.66	1,275.60	4.6854	23.1680	1.7125	9.5565	
	18	16,666.58	4.2313	130.69	1,273.37	4.6794	23.2982	1.7049	9.5773	
	21	16,670.14	4.2163	130.84	1,274.86	4.6801	23.5220	1.7030	9.5285	
	22	16,674.36	4.2061	130.70	1,267.93	4.6790	23.2842	1.6991	9.4900	
	23	16,642.92	4.1882	128.61	1,266.75	4.6627	23.3550	1.6977	9.5063	
	24	16,583.53	4.1922	128.46	1,264.77	4.6648	23.0952	1.6946	9.4810	
	25	16,475.10	4.1552	127.72	1,259.55	4.6467	22.8883	1.6882	9.4888	
	28	16,324.88	4.1573	127.33	1,250.83	4.6316	22.7650	1.6756	9.5113	
	29	16,205.24	4.1615	125.88	1,248.51	4.6060	22.8237	1.6711	9.5618	
	30	16,223.91	4.1631	126.76	1,255.41	4.6359	22.8815	1.6686	9.5463	
	31	16,269.80	4.1810	127.33	1,261.25	4.6562	23.2461	1.6681	9.5375	
	June	1	16,195.41	4.1437	127.74	1,254.17	4.6536	23.2834	1.6737	9.5323
		4	16,281.57	4.1836	128.44	1,254.88	4.6655	23.3661	1.6654	9.5030
		5	16,208.40	4.1743	128.08	1,250.33	4.6524	23.7975	1.6636	9.5008
		6	16,300.41	4.1957	129.57	1,255.45	4.6704	23.9686	1.6702	9.5238
		7	16,425.02	4.2236	130.26	1,266.42	4.7036	24.0536	1.6789	9.5013
		8	16,373.32	4.2009	128.64	1,263.46	4.6867	24.0774	1.6734	9.5085
		11	16,477.11	4.2125	129.62	1,268.16	4.7019	24.0675	1.6764	9.5013
		12	16,465.01	4.2213	130.03	1,272.14	4.7121	24.2869	1.6781	9.4435
13		16,426.44	4.2179	130.03	1,275.88	4.6985	24.3141	1.6713	9.4373	
14		16,343.04	4.2229	129.15	1,269.54	4.6750	24.0641	1.6656	9.4268	
15		16,221.59	4.1977	128.31	1,272.93	4.6382	24.0902	1.6676	9.4320	
18		16,348.90	4.2146	128.27	1,282.56	4.6423	23.9739	1.6712	9.4340	
19		16,337.37	4.2054	126.78	1,287.91	4.6176	23.8447	1.6747	9.4895	
20		16,320.23	4.2085	127.39	1,281.98	4.6318	23.6794	1.6853	9.4693	
21	16,261.40	4.1816	127.59	1,280.79	4.6331	23.5286	1.6846	9.4253		
22	16,429.21	4.2134	128.30	1,293.76	4.6621	23.5466	1.6880	9.4328		
25	16,561.35	4.2243	128.21	1,303.95	4.6959	23.4457	1.6947	9.4703		
26	16,548.56	4.2356	127.95	1,306.32	4.6956	23.2370	1.6998	9.4718		
27	16,484.27	4.2353	128.08	1,298.88	4.6795	23.1817	1.7046	9.4785		
28	16,598.44	4.2271	127.63	1,300.27	4.6824	23.2921	1.7135	9.4740		
29	16,654.04	4.2627	129.04	1,296.72	4.7080	22.8817	1.7247	9.5115		
July	2	16,760.16	4.2650	128.86	1,303.87	4.7093	23.3320	1.7315	9.5015	
	3	16,766.10	4.2521	129.09	1,298.07	4.7208	22.9451	1.7281	9.4655	
	4	16,709.00	4.2524	128.64	1,301.20	4.7104	22.6786	1.7217	9.4433	
	5	16,843.40	4.2492	129.53	1,309.08	4.7339	22.5827	1.7256	9.4410	
	6	16,847.39	4.2625	129.65	1,310.92	4.7424	22.4660	1.7186	9.4425	
	9	16,887.74	4.2656	130.21	1,309.88	4.7504	22.4356	1.7198	9.4218	
	10	16,799.96	4.2668	130.30	1,308.63	4.7099	22.4121	1.7188	9.4145	
	11	16,857.33	4.2664	130.53	1,318.67	4.7374	22.3622	1.7266	9.4458	
	12	16,766.54	4.2559	131.13	1,312.52	4.7089	22.0857	1.7240	9.4443	
	13	16,787.23	4.2441	131.04	1,319.70	4.7106	22.1768	1.7280	9.4830	
	16	16,847.50	4.2650	131.65	1,320.93	4.7382	22.0340	1.7262	9.4790	
	17	16,822.96	4.2514	131.81	1,319.73	4.7267	22.1732	1.7191	9.4875	
	18	16,725.65	4.2315	130.92	1,316.94	4.7071	22.0778	1.7175	9.5023	
	19	16,773.63	4.2393	130.98	1,320.68	4.7231	22.1067	1.7229	9.5763	
20	16,941.92	4.2458	130.94	1,322.71	4.7453	22.1573	1.7251	9.5905		
23	16,976.63	4.2618	130.18	1,328.95	4.7602	22.3736	1.7204	9.5533		
24	16,972.88	4.2709	130.06	1,320.85	4.7550	22.0446	1.7192	9.5605		
25	16,884.57	4.2545	129.80	1,312.47	4.7409	21.9426	1.7173	9.5485		
26	16,935.48	4.2593	129.91	1,311.82	4.7600	21.9020	1.7186	9.5455		
27	16,760.34	4.2661	129.25	1,300.18	4.7250	21.6713	1.7179	9.5358		
30	16,814.44	4.2820	129.79	1,305.99	4.7408	21.7160	1.7165	9.5290		
31	16,923.31	4.3022	130.84	1,312.79	4.7631	21.7820	1.7213	9.5338		
Aug	1	16,889.02	4.2968	130.81	1,307.40	4.7556	21.8040	1.7187	9.5380	
	2	16,815.61	4.2850	129.43	1,312.72	4.7351	21.7923	1.7204	9.5460	
	3	16,760.07	4.2798	129.30	1,303.12	4.7164	21.6300	1.7170	9.5410	
	6	16,703.00	4.2784	128.68	1,299.27	4.7090	21.4484	1.7154	9.5325	
	7	16,741.69	4.2749	128.88	1,299.37	4.7296	21.3613	1.7191	9.5003	
	8	16,728.72	4.2698	128.72	1,298.58	4.7188	21.4471	1.7202	9.5303	

* 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	
62.301	76.4000	1.6025	15.1336	1.1957	38.092	4.9813	1.2007	2018 May 2
61.995	76.0875	1.5962	15.1399	1.1958	37.931	5.0360	1.1992	3
61.847	75.4816	1.5962	15.1135	1.1950	38.008	5.0963	1.1969	4
61.763	74.8299	1.5917	14.9730	1.1964	37.944	5.0827	1.1902	7
61.616	75.1187	1.5883	14.9131	1.1906	37.877	5.0904	1.1870	8
61.694	74.9194	1.5921	14.9351	1.1895	38.078	5.0824	1.1879	9
61.768	73.7070	1.5925	14.7041	1.1908	38.081	5.0429	1.1878	10
62.551	73.5704	1.5917	14.6515	1.1933	38.028	5.1025	1.1934	11
62.861	73.8057	1.5980	14.6926	1.1965	38.170	5.1748	1.1988	14
62.424	73.8220	1.5908	14.8389	1.1910	38.049	5.2719	1.1883	15
61.715	73.5977	1.5824	14.7584	1.1792	37.874	5.2178	1.1784	16
61.711	73.1549	1.5845	14.8009	1.1819	37.859	5.2497	1.1805	17
61.742	73.2150	1.5828	14.9430	1.1773	37.929	5.2714	1.1781	18
61.604	73.3644	1.5803	15.1352	1.1753	37.899	5.4012	1.1759	21
61.645	72.3491	1.5772	14.8008	1.1738	37.758	5.4704	1.1794	22
61.432	72.2643	1.5754	14.8062	1.1598	37.641	5.7086	1.1708	23
61.628	72.1879	1.5726	14.6043	1.1607	37.577	5.5804	1.1728	24
61.441	72.4935	1.5652	14.5938	1.1593	37.290	5.5153	1.1675	25
61.112	72.6316	1.5615	14.4979	1.1577	37.272	5.3482	1.1644	28
60.836	72.3479	1.5565	14.6465	1.1517	37.067	5.3340	1.1558	29
61.208	72.3836	1.5588	14.6156	1.1513	37.292	5.1818	1.1632	30
61.507	72.5759	1.5656	14.7031	1.1526	37.472	5.2628	1.1699	31
61.375	72.5972	1.5617	14.8313	1.1531	37.376	5.3991	1.1669	June 1
61.647	72.6626	1.5655	14.7053	1.1546	37.511	5.4193	1.1737	4
61.223	72.8160	1.5593	14.8229	1.1515	37.337	5.3857	1.1675	5
61.697	72.9345	1.5685	15.0421	1.1629	37.530	5.4078	1.1765	6
62.175	73.3086	1.5757	15.1353	1.1613	37.792	5.2910	1.1836	7
62.068	73.4773	1.5702	15.3821	1.1572	37.683	5.2798	1.1754	8
62.558	73.7903	1.5737	15.4991	1.1631	37.822	5.3296	1.1790	11
62.551	73.9972	1.5738	15.5183	1.1615	37.839	5.3762	1.1788	12
62.616	73.8286	1.5711	15.5908	1.1616	37.798	5.4603	1.1764	13
62.354	72.7553	1.5665	15.3722	1.1585	37.712	5.4251	1.1730	14
61.881	72.5401	1.5619	15.5659	1.1575	37.606	5.4671	1.1596	15
62.013	73.4609	1.5680	15.6275	1.1554	37.951	5.4821	1.1613	18
61.521	73.8050	1.5685	15.9903	1.1501	37.878	5.4971	1.1534	19
61.864	73.6225	1.5718	15.8367	1.1537	37.987	5.4943	1.1578	20
61.637	73.5577	1.5714	15.7580	1.1496	37.995	5.4754	1.1538	21
62.079	73.5314	1.5822	15.7165	1.1534	38.369	5.4639	1.1648	22
62.535	73.3376	1.5930	15.8282	1.1549	38.563	5.4557	1.1700	25
62.714	73.5257	1.5892	15.8232	1.1543	38.523	5.4053	1.1672	26
62.157	73.3590	1.5834	15.8948	1.1536	38.333	5.3700	1.1616	27
61.960	73.0951	1.5831	16.0621	1.1556	38.363	5.3305	1.1583	28
62.174	73.1582	1.5896	16.0484	1.1569	38.565	5.3385	1.1658	29
62.137	73.4691	1.5925	16.0710	1.1563	38.589	5.3743	1.1639	July 2
62.249	73.6468	1.5921	15.9718	1.1573	38.681	5.4444	1.1665	3
62.158	73.6646	1.5891	15.9628	1.1557	38.622	5.4692	1.1642	4
62.468	73.7787	1.5965	15.8715	1.1613	38.874	5.4002	1.1709	5
62.519	74.0505	1.5948	15.9388	1.1634	38.900	5.4038	1.1724	6
62.890	73.8901	1.5949	15.6915	1.1646	39.022	5.3262	1.1789	9
62.647	73.2605	1.5893	15.7331	1.1649	38.875	5.5065	1.1713	10
62.893	72.7507	1.5968	15.8210	1.1653	39.042	5.6103	1.1735	11
62.378	72.4169	1.5889	15.6488	1.1642	38.775	5.6364	1.1658	12
62.291	72.4844	1.5919	15.5187	1.1704	38.841	5.6467	1.1643	13
62.691	72.9220	1.5954	15.4493	1.1696	38.981	5.6893	1.1720	16
62.495	73.1793	1.5941	15.5376	1.1648	38.949	5.6613	1.1707	17
62.163	73.3067	1.5883	15.5060	1.1611	38.734	5.6121	1.1611	18
62.180	73.5585	1.5909	15.6003	1.1622	38.797	5.5957	1.1588	19
62.292	74.0532	1.5960	15.7066	1.1633	39.013	5.5879	1.1670	20
62.593	73.9197	1.5979	15.8205	1.1614	39.167	5.5624	1.1716	23
62.366	73.4444	1.5967	15.6041	1.1626	39.051	5.7054	1.1706	24
62.291	73.5813	1.5931	15.4426	1.1598	38.893	5.6563	1.1690	25
62.559	73.8560	1.5943	15.4559	1.1616	39.038	5.6454	1.1716	26
61.979	73.2503	1.5860	15.3967	1.1597	38.897	5.6730	1.1625	27
62.114	72.9792	1.5914	15.4007	1.1598	38.908	5.7078	1.1684	30
62.318	73.2097	1.5976	15.3676	1.1592	39.010	5.7319	1.1736	31
61.940	73.4672	1.5922	15.5145	1.1589	38.725	5.7654	1.1696	Aug 1
61.690	73.4819	1.5877	15.6218	1.1550	38.690	5.8720	1.1617	2
61.503	73.3448	1.5838	15.4869	1.1528	38.547	5.8958	1.1588	3
61.036	73.4661	1.5799	15.4967	1.1513	38.496	5.9627	1.1543	6
61.279	73.5837	1.5822	15.4174	1.1530	38.519	6.1448	1.1602	7
61.466	75.0618	1.5814	15.5607	1.1544	38.499	6.1257	1.1589	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	Czechia	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
2013 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
Sep	1.9558	7.5005	27.022	7.4475	308.68	4.3207	4.4502	9.5655	0.85228	1.4768
Oct	1.9558	7.5068	27.022	7.4402	307.00	4.3076	4.4942	9.7073	0.89390	1.4470
Nov	1.9558	7.5211	27.033	7.4406	308.82	4.3911	4.5100	9.8508	0.86894	1.4331
Dec	1.9558	7.5404	27.031	7.4362	312.24	4.4357	4.5164	9.7095	0.84441	1.4356
2017 Jan	1.9558	7.5300	27.021	7.4355	308.99	4.3671	4.5018	9.5110	0.86100	1.4252
Feb	1.9558	7.4476	27.021	7.4348	308.50	4.3081	4.5136	9.4762	0.85273	1.3886
Mar	1.9558	7.4231	27.021	7.4356	309.71	4.2871	4.5476	9.5279	0.86560	1.4018
Apr	1.9558	7.4503	26.823	7.4376	311.57	4.2374	4.5291	9.5941	0.84824	1.4241
May	1.9558	7.4317	26.572	7.4400	309.77	4.1998	4.5539	9.7097	0.85554	1.4878
June	1.9558	7.4104	26.264	7.4376	308.28	4.2113	4.5721	9.7538	0.87724	1.4861
July	1.9558	7.4116	26.079	7.4366	306.71	4.2362	4.5689	9.5892	0.88617	1.4772
Aug	1.9558	7.4054	26.101	7.4379	304.37	4.2666	4.5789	9.5485	0.91121	1.4919
Sep	1.9558	7.4639	26.075	7.4401	308.37	4.2693	4.5992	9.5334	0.89470	1.4946
Oct	1.9558	7.5085	25.766	7.4429	309.95	4.2627	4.5895	9.6138	0.89071	1.5099
Nov	1.9558	7.5512	25.538	7.4420	311.89	4.2268	4.6347	9.8479	0.88795	1.5395
Dec	1.9558	7.5393	25.645	7.4433	313.16	4.2032	4.6348	9.9370	0.88265	1.5486
2018 Jan	1.9558	7.4359	25.452	7.4455	309.27	4.1632	4.6491	9.8200	0.88331	1.5340
Feb	1.9558	7.4399	25.320	7.4457	311.74	4.1653	4.6559	9.9384	0.88396	1.5684
Mar	1.9558	7.4384	25.429	7.4490	312.19	4.2092	4.6613	10.1608	0.88287	1.5889
Apr	1.9558	7.4209	25.365	7.4479	311.72	4.1937	4.6578	10.3717	0.87212	1.5972
May	1.9558	7.3912	25.640	7.4482	316.93	4.2850	4.6404	10.3419	0.87726	1.5695
June	1.9558	7.3822	25.778	7.4493	322.70	4.3038	4.6623	10.2788	0.87886	1.5579
July	1.9558	7.3971	25.850	7.4523	324.60	4.3239	4.6504	10.3076	0.88726	1.5792

* See Explanatory notes, p 51. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. 1 Resumption of exchange rate fixing on 1 February 2018.

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

and non-European countries												
Brazil	Canada	China	Hong Kong	Iceland	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia		Period
Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Hong Kong dollar HKD	Icelandic krona ISK 1	Indian rupee INR	Indonesian rupiah IDR	New Israeli sheqel ILS	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR		
2.8613	1.3596	8.0905	10.2349	–	77.0284	13,033.31	4.7865	128.40	1,498.33	4.1488		2013 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	16,270.12	4.8043	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	7.3530	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
3.6436	1.4677	7.4819	8.6964	–	74.8220	14,697.52	4.2210	114.22	1,244.12	4.6108		Sep
3.5158	1.4594	7.4198	8.5533	–	73.5775	14,361.10	4.2110	114.47	1,243.02	4.6040		Oct
3.6056	1.4519	7.3883	8.3758	–	73.0550	14,398.18	4.1491	116.93	1,256.71	4.6843		Nov
3.5405	1.4070	7.2983	8.1802	–	71.5390	14,135.71	4.0401	122.39	1,248.48	4.7013		Dec
3.3929	1.4032	7.3189	8.2332	–	72.2823	14,181.25	4.0543	122.14	1,254.41	4.7318		2017 Jan
3.3022	1.3942	7.3143	8.2586	–	71.2908	14,186.74	3.9672	120.17	1,215.92	4.7283		Feb
3.3413	1.4306	7.3692	8.2984	–	70.3238	14,255.46	3.9012	120.68	1,211.23	4.7413		Mar
3.3620	1.4408	7.3892	8.3364	–	69.2016	14,265.96	3.9153	118.29	1,215.64	4.7224		Apr
3.5424	1.5041	7.6130	8.6108	–	71.2681	14,730.60	3.9727	124.09	1,245.02	4.7713		May
3.6948	1.4941	7.6459	8.7578	–	72.3798	14,940.12	3.9658	124.58	1,271.29	4.8045		June
3.6928	1.4641	7.7965	8.9893	–	74.1945	15,363.84	4.0899	129.48	1,305.21	4.9389		July
3.7201	1.4889	7.8760	9.2348	–	75.5465	15,753.09	4.2504	129.70	1,335.93	5.0579		Aug
3.7316	1.4639	7.8257	9.3094	–	76.8002	15,852.42	4.2080	131.92	1,348.89	5.0191		Sep
3.7503	1.4801	7.7890	9.1763	–	76.4977	15,904.42	4.1265	132.76	1,331.01	4.9716		Oct
3.8246	1.4978	7.7723	9.1617	–	76.1248	15,875.67	4.1283	132.39	1,292.05	4.8902		Nov
3.8941	1.5108	7.8073	9.2479	–	76.0663	16,048.79	4.1495	133.64	1,283.39	4.8238		Dec
3.9170	1.5167	7.8398	9.5394	–	77.6558	16,316.81	4.1753	135.25	1,300.93	4.8249		2018 Jan
4.0109	1.5526	7.8068	9.6585	124.69	79.5615	16,793.74	4.3173	133.29	1,331.47	4.8318		Feb
4.0426	1.5943	7.7982	9.6726	122.82	80.2526	16,973.10	4.2775	130.86	1,321.99	4.8155		Mar
4.1815	1.5622	7.7347	9.6350	122.30	80.6548	16,959.01	4.3425	132.16	1,312.94	4.7734		Apr
4.2912	1.5197	7.5291	9.2712	122.83	79.7891	16,594.39	4.2397	129.57	1,272.38	4.6891		May
4.4049	1.5327	7.5512	9.1642	124.76	79.1601	16,393.39	4.2096	128.53	1,277.93	4.6717		June
4.4765	1.5356	7.8504	9.1708	124.41	80.2996	16,836.55	4.2595	130.23	1,313.03	4.7327		July

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

2 Monthly averages + (cont'd)

EUR 1 = CU ...

Period	Other European and non-European countries (cont'd)										
	Mexico Mexican peso MXN	New Zealand New Zealand dollar NZD	Norway Norwegian krone NOK	Philippines Philippine peso PHP	Russian Federation Russian rouble RUB	Singapore Singapore dollar SGD	South Africa South African rand ZAR	Switzerland Swiss franc CHF	Thailand Thai baht THB	Turkey Turkish lira TRY	United States US dollar USD
2013 June	17.0716	1.6682	7.7394	56.658	42.6490	1.6613	13.2088	1.2322	40.664	2.5028	1.3189
July	16.6893	1.6590	7.8837	56.698	42.8590	1.6595	12.9674	1.2366	40.714	2.5274	1.3080
Aug	17.1996	1.6829	7.9386	58.471	43.9748	1.6941	13.4190	1.2338	42.072	2.6125	1.3310
Sep	17.4471	1.6406	7.9725	58.346	43.5144	1.6860	13.3287	1.2338	42.312	2.6952	1.3348
Oct	17.7413	1.6351	8.1208	58.809	43.7440	1.6956	13.5283	1.2316	42.549	2.7095	1.3635
Nov	17.6340	1.6327	8.2055	58.811	44.1581	1.6833	13.7626	1.2316	42.695	2.7316	1.3493
Dec	17.8278	1.6659	8.4053	60.552	45.0628	1.7244	14.2234	1.2245	44.323	2.8276	1.3704
2014 Jan	17.9964	1.6450	8.3927	61.263	46.0304	1.7327	14.8242	1.2317	44.822	3.0297	1.3610
Feb	18.1561	1.6466	8.3562	61.238	48.2554	1.7295	14.9820	1.2212	44.568	3.0184	1.3659
Mar	18.2447	1.6199	8.2906	61.901	49.9477	1.7513	14.8613	1.2177	44.765	3.0629	1.3823
Apr	18.0485	1.6049	8.2506	61.646	49.2978	1.7345	14.5815	1.2189	44.657	2.9393	1.3813
May	17.7620	1.5957	8.1513	60.258	47.8403	1.7189	14.2995	1.2204	44.686	2.8736	1.3732
June	17.6516	1.5769	8.2149	59.543	46.7509	1.7008	14.5094	1.2181	44.195	2.8808	1.3592
July	17.5834	1.5578	8.3880	58.844	46.9984	1.6825	14.4366	1.2150	43.470	2.8699	1.3539
Aug	17.5051	1.5783	8.2522	58.320	48.1781	1.6622	14.2052	1.2118	42.644	2.8784	1.3316
Sep	17.0717	1.5841	8.1798	57.033	49.0519	1.6295	14.1578	1.2076	41.536	2.8543	1.2901
Oct	17.0713	1.6090	8.3136	56.807	51.9380	1.6154	14.0266	1.2078	41.139	2.8577	1.2673
Nov	16.9850	1.5928	8.4912	56.101	57.5193	1.6173	13.8359	1.2027	40.908	2.7885	1.2472
Dec	17.8692	1.5874	8.9802	55.092	70.3269	1.6213	14.1582	1.2026	40.564	2.8304	1.2331
2015 Jan	17.0782	1.5213	8.9320	51.791	75.0459	1.5545	13.4598	1.0940	38.056	2.7153	1.1621
Feb	16.9310	1.5236	8.6188	50.174	73.0742	1.5382	13.1532	1.0618	36.963	2.7958	1.1350
Mar	16.4941	1.4506	8.6434	48.227	65.1401	1.4913	13.0756	1.0608	35.355	2.8077	1.0838
Apr	16.4288	1.4217	8.5057	47.863	56.7415	1.4539	12.9588	1.0379	35.072	2.8743	1.0779
May	17.0378	1.5112	8.4103	49.741	56.3735	1.4882	13.3506	1.0391	37.408	2.9491	1.1150
June	17.3467	1.6046	8.7550	50.508	61.2390	1.5091	13.7965	1.0455	37.818	3.0299	1.1213
July	17.5297	1.6542	8.9357	49.814	63.2077	1.4972	13.6973	1.0492	37.760	2.9705	1.0996
Aug	18.4333	1.7001	9.1815	51.536	73.3597	1.5573	14.3821	1.0777	39.465	3.1826	1.1139
Sep	18.8821	1.7714	9.3075	52.456	74.8040	1.5879	15.3065	1.0913	40.426	3.3835	1.1221
Oct	18.6216	1.6794	9.2892	52.070	70.9490	1.5731	15.1579	1.0882	40.092	3.2887	1.1235
Nov	17.8605	1.6365	9.2572	50.537	69.7899	1.5181	15.1743	1.0833	38.432	3.0849	1.0736
Dec	18.5500	1.6133	9.4642	51.337	76.3576	1.5321	16.3210	1.0827	39.162	3.1800	1.0877
2016 Jan	19.6039	1.6654	9.5899	51.654	83.8638	1.5561	17.7592	1.0941	39.249	3.2713	1.0860
Feb	20.4826	1.6732	9.5628	52.816	85.6158	1.5596	17.4987	1.1018	39.507	3.2638	1.1093
Mar	19.5943	1.6481	9.4300	51.722	77.9394	1.5247	17.1222	1.0920	39.089	3.2072	1.1100
Apr	19.8402	1.6458	9.3224	52.598	75.4333	1.5308	16.5695	1.0930	39.780	3.2135	1.1339
May	20.4956	1.6628	9.3036	52.951	74.4745	1.5494	17.3357	1.1059	40.064	3.3230	1.1311
June	20.9430	1.5955	9.3278	52.172	73.1466	1.5205	16.9371	1.0894	39.624	3.2737	1.1229
July	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
Sep	21.5034	1.5328	9.1971	53.359	72.2387	1.5240	15.7305	1.0919	38.935	3.3284	1.1212
Oct	20.8389	1.5409	9.0009	53.304	69.0091	1.5257	15.3593	1.0887	38.666	3.3912	1.1026
Nov	21.6800	1.5102	9.0807	53.160	69.5321	1.5232	15.0351	1.0758	38.155	3.5500	1.0799
Dec	21.6189	1.4982	9.0252	52.493	65.3781	1.5137	14.6142	1.0750	37.730	3.6917	1.0543
2017 Jan	22.6576	1.4923	8.9990	52.800	63.4978	1.5175	14.4012	1.0714	37.645	3.9869	1.0614
Feb	21.6027	1.4733	8.8603	53.208	62.1520	1.5055	14.0389	1.0660	37.258	3.9011	1.0643
Mar	20.6333	1.5255	9.0919	53.683	61.9097	1.5013	13.8125	1.0706	37.260	3.9228	1.0685
Apr	20.1297	1.5389	9.1993	53.441	60.5721	1.4996	14.4384	1.0727	36.967	3.9150	1.0723
May	20.7659	1.5905	9.4001	55.108	63.1641	1.5423	14.6665	1.0904	38.103	3.9463	1.1058
June	20.3786	1.5544	9.4992	56.045	65.1136	1.5541	14.5025	1.0874	38.181	3.9554	1.1229
July	20.5291	1.5658	9.3988	58.306	68.7707	1.5790	15.1351	1.1059	38.834	4.1021	1.1511
Aug	21.0333	1.6167	9.3201	60.161	70.2902	1.6070	15.6310	1.1398	39.267	4.1436	1.1807
Sep	21.2431	1.6426	9.3275	60.732	68.6987	1.6084	15.6766	1.1470	39.497	4.1376	1.1915
Oct	22.1033	1.6695	9.3976	60.471	67.8647	1.5992	16.1145	1.1546	39.069	4.3234	1.1756
Nov	22.2188	1.7043	9.6082	59.733	69.2093	1.5911	16.5187	1.1640	38.623	4.5714	1.1738
Dec	22.6384	1.7002	9.8412	59.602	69.4092	1.5938	15.5847	1.1689	38.639	4.5511	1.1836
2018 Jan	23.0903	1.6800	9.6464	61.733	69.1156	1.6122	14.8910	1.1723	38.913	4.6027	1.2200
Feb	23.0251	1.6892	9.6712	64.123	70.2041	1.6294	14.6041	1.1542	38.888	4.6710	1.2348
Mar	22.9932	1.7001	9.5848	64.289	70.5195	1.6222	14.6218	1.1685	38.581	4.7993	1.2336
Apr	22.5610	1.6942	9.6202	63.901	75.0983	1.6156	14.8756	1.1890	38.451	5.0003	1.2276
May	23.0985	1.6996	9.5642	61.746	73.6504	1.5819	14.8182	1.1780	37.781	5.2501	1.1812
June	23.7134	1.6822	9.4746	62.038	73.2934	1.5737	15.5262	1.1562	37.930	5.4073	1.1678
July	22.2481	1.7220	9.4975	62.394	73.3942	1.5931	15.6599	1.1622	38.894	5.5748	1.1686

* 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	Czechia 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									
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	–	–
2016	1.9558	7.5597	–	27.021	7.4344	–	309.83	–	–
2017	1.9558	7.4400	–	25.535	7.4449	–	310.33	–	–
Annual averages +									
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	–	–
2016	1.9558	7.5333	–	27.034	7.4452	–	311.44	–	–
2017	1.9558	7.4637	–	26.326	7.4386	–	309.19	–	–

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									
2004	0.4343	4.0845	39,390	38.745	239.7600	9.0206	0.70505	1.7459	1.6416
2005	0.4293	3.8600	3 3.6802	37.880	239.5000	9.3885	0.68530	1.6109	1.3725
2006	0.4293	3.8310	3.3835	34.435	239.6400	9.0404	0.67150	1.6691	1.5281
2007	0.4293	3.5935	3.6077	33.583	–	9.4415	0.73335	1.6757	1.4449
2008	–	4.1535	4.0225	30.126	–	10.8700	0.95250	2.0274	1.6998
2009	–	4.1045	4.2363	–	–	10.2520	0.88810	1.6008	1.5128
2010	–	3.9750	4.2620	–	–	8.9655	0.86075	1.3136	1.3322
2011	–	4.4580	4.3233	–	–	8.9120	0.83530	1.2723	1.3215
2012	–	4.0740	4.4445	–	–	8.5820	0.81610	1.2712	1.3137
2013	–	4.1543	4.4710	–	–	8.8591	0.83370	1.5423	1.4671
2014	–	4.2732	4.4828	–	–	9.3930	0.77890	1.4829	1.4063
2015	–	4.2639	4.5240	–	–	9.1895	0.73395	1.4897	1.5116
2016	–	4.4103	4.5390	–	–	9.5525	0.85618	1.4596	1.4188
2017	–	4.1770	4.6585	–	–	9.8438	0.88723	1.5346	1.5039
Annual averages +									
2004	0.4280	4.5268	40,510	40.022	239.0874	9.1243	0.67866	1.6905	1.6167
2005	0.4299	4.0230	3 3.6209	38.599	239.5681	9.2822	0.68380	1.6320	1.5087
2006	0.4293	3.8959	3.5258	37.234	239.5961	9.2544	0.68173	1.6668	1.4237
2007	0.4293	3.7837	3.3353	33.775	–	9.2501	0.68434	1.6348	1.4678
2008	–	3.5121	3.6826	31.262	–	9.6152	0.79628	1.7416	1.5594
2009	–	4.3276	4.2399	–	–	10.6191	0.89094	1.7727	1.5850
2010	–	3.9947	4.2122	–	–	9.5373	0.85784	1.4423	1.3651
2011	–	4.1206	4.2391	–	–	9.0298	0.86788	1.3484	1.3761
2012	–	4.1847	4.4593	–	–	8.7041	0.81087	1.2407	1.2842
2013	–	4.1975	4.4190	–	–	8.6515	0.84926	1.3777	1.3684
2014	–	4.1843	4.4437	–	–	9.0985	0.80612	1.4719	1.4661
2015	–	4.1841	4.4454	–	–	9.3535	0.72584	1.4777	1.4186
2016	–	4.3632	4.4904	–	–	9.4689	0.81948	1.4883	1.4659
2017	–	4.2570	4.5688	–	–	9.6351	0.87667	1.4732	1.4647

* 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)										
Period	China Chinese yuan renminbi CNY ¹	Hong Kong Hong Kong dollar HKD	Iceland Icelandic krona ISK ²	India Indian rupee INR ³	Indonesia Indonesian rupiah IDR ¹	Israel New Israeli shekel ILS ⁴	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW	Malaysia Malaysian ringgit MYR ¹	Mexico Mexican peso MXN ⁵
End of year										
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
2016	7.3202	8.1751	–	71.5935	14,173.43	4.0477	123.40	1,269.36	4.7287	21.7719
2017	7.8044	9.3720	–	76.6055	16,239.12	4.1635	135.01	1,279.61	4.8536	23.6612
Annual averages +										
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
2016	7.3522	8.5922	–	74.3717	14,720.83	4.2489	120.20	1,284.18	4.5835	20.6673
2017	7.6290	8.8045	–	73.5324	15,118.01	4.0622	126.71	1,276.74	4.8527	21.3286

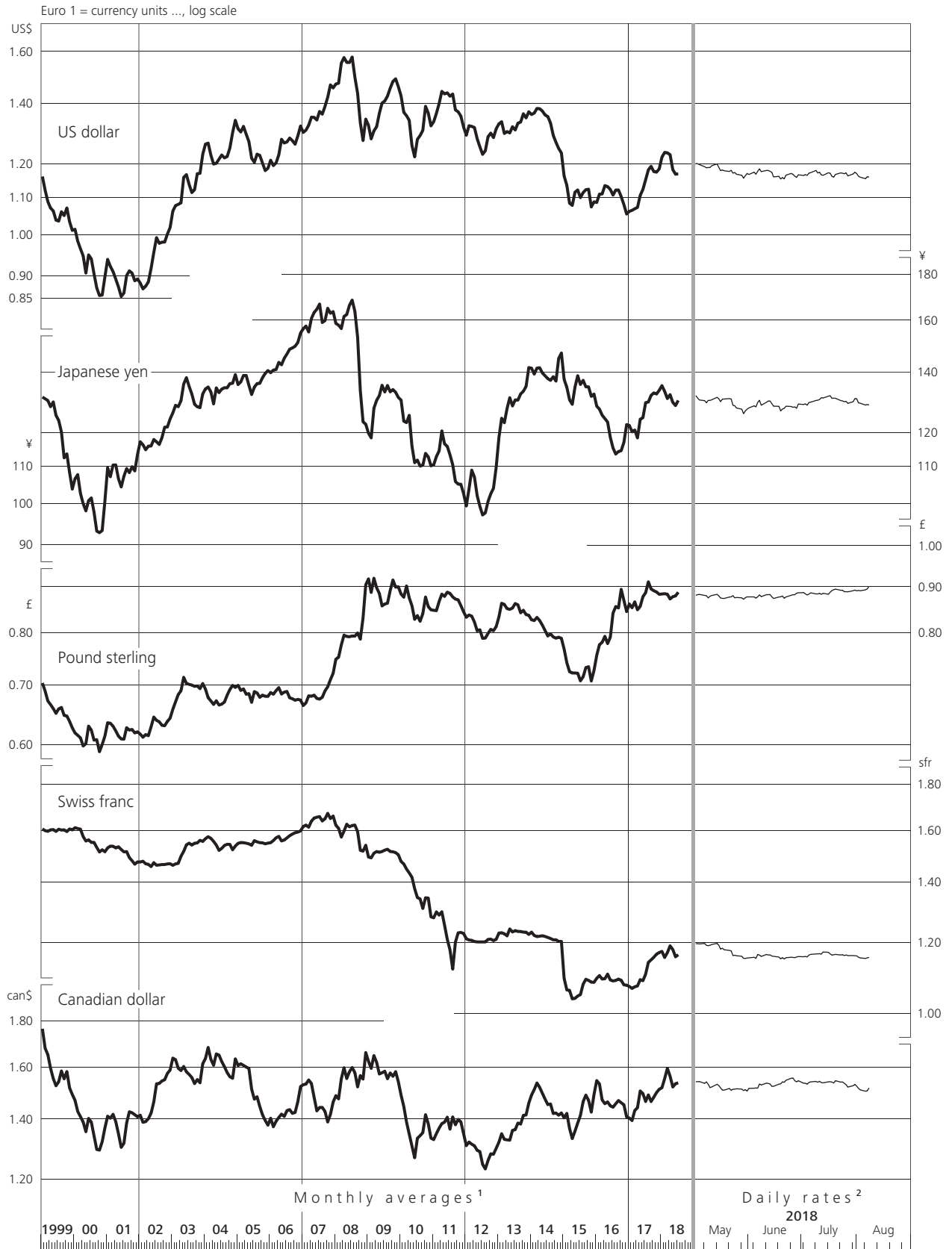
Other European and non-European countries (cont'd)										
Period	New Zealand New Zealand dollar NZD	Norway Norwegian krona NOK	Philippines Philippine peso PHP ¹	Russian Federation Russian rouble RUB ¹	Singapore Singapore dollar SGD	South Africa South African rand ZAR	Switzerland Swiss franc CHF	Thailand Thai baht THB ¹	Turkey Turkish lira / New Turkish lira TRL / TRY ⁶	United States US dollar USD
End of year										
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
2016	1.5158	9.0863	52.268	64.3000	1.5234	14.4570	1.0739	37.726	3.7072	1.0541
2017	1.6850	9.8403	59.795	69.3920	1.6024	14.8054	1.1702	39.121	4.5464	1.1993
Annual averages +										
2004	1.8731	8.3697	69.727	35.8192	2.1016	8.0092	1.5438	50.077	1,777,052	1.2439
2005	1.7660	8.0092	68.494	35.1884	2.0702	7.9183	1.5483	50.068	⁶ 1.6771	1.2441
2006	1.9373	8.0472	64.379	34.1117	1.9941	8.5312	1.5729	47.594	1.8090	1.2556
2007	1.8627	8.0165	63.026	35.0183	2.0636	9.6596	1.6427	44.214	1.7865	1.3705
2008	2.0770	8.2237	65.172	36.4207	2.0762	12.0590	1.5874	48.475	1.9064	1.4708
2009	2.2121	8.7278	66.338	44.1376	2.0241	11.6737	1.5100	47.804	2.1631	1.3948
2010	1.8377	8.0043	59.739	40.2629	1.8055	9.6984	1.3803	42.014	1.9965	1.3257
2011	1.7600	7.7934	60.260	40.8846	1.7489	10.0970	1.2326	42.429	2.3378	1.3920
2012	1.5867	7.4751	54.246	39.9262	1.6055	10.5511	1.2053	39.928	2.3135	1.2848
2013	1.6206	7.8067	56.428	42.3370	1.6619	12.8330	1.2311	40.830	2.5335	1.3281
2014	1.5995	8.3544	58.979	50.9518	1.6823	14.4037	1.2146	43.147	2.9065	1.3285
2015	1.5930	8.9496	50.522	68.0720	1.5255	14.1723	1.0679	38.028	3.0255	1.1095
2016	1.5886	9.2906	52.556	74.1446	1.5275	16.2645	1.0902	39.043	3.3433	1.1069
2017	1.5897	9.3270	56.973	65.9383	1.5588	15.0490	1.1117	38.296	4.1206	1.1297

* 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 did not fix euro foreign exchange reference rates for the Icelandic krona from 4 December 2008 to 31 January 2018. 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: July 2018. ² Last updated: 9 August 2018.

III Effective exchange rates of the euro *

1 Annual and monthly averages

1999 Q1 = 100

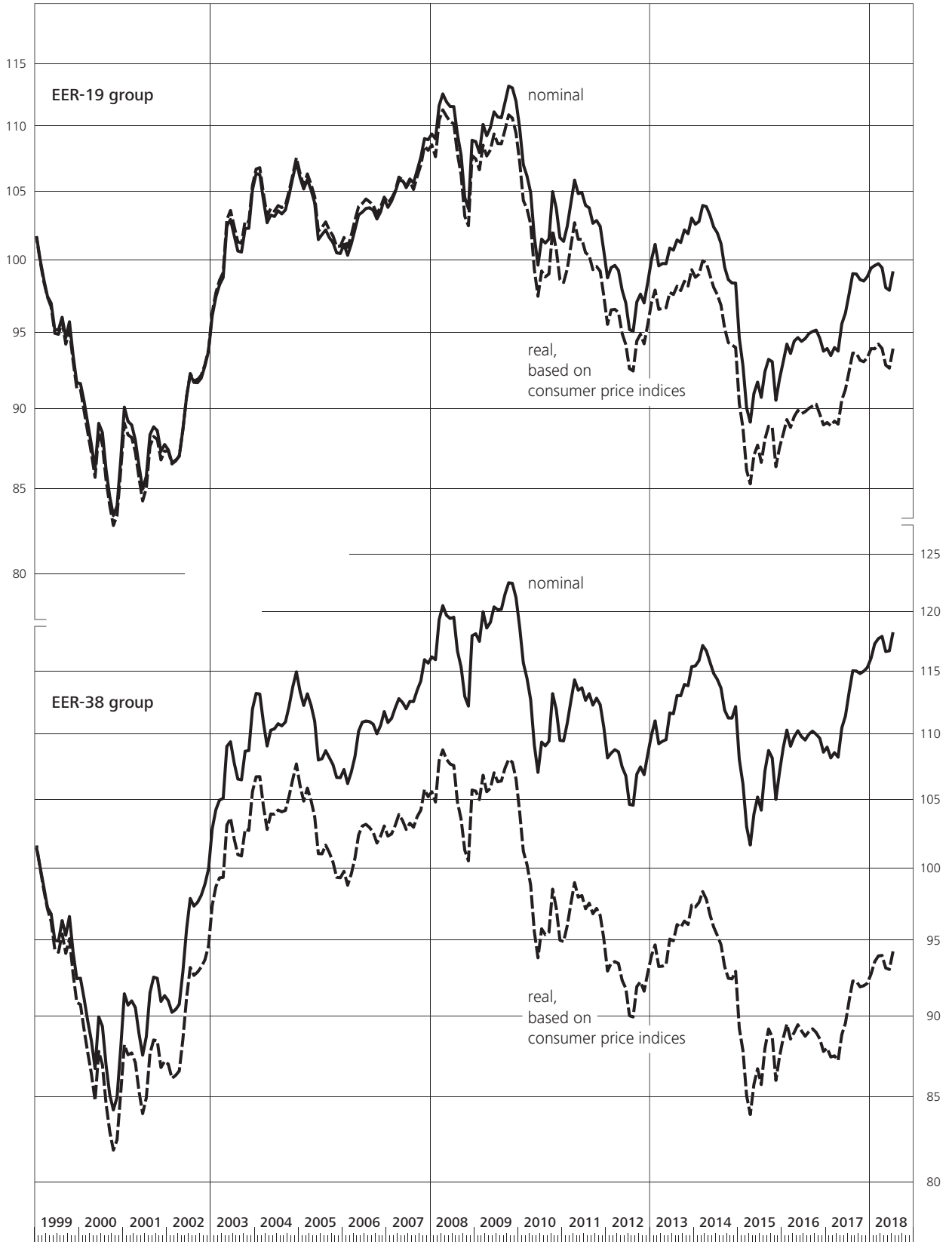
Period	Effective exchange rate of the euro vis-à-vis the currencies of the group 1				Memo item Indicators of the German economy's price competitiveness based on consumer price indices vis-à-vis					
	EER-19		EER-38		26 selected industrial countries			37 countries	56 countries	
	Nominal	Real, based on consumer price indices	Nominal	Real, based on consumer price indices	Total	of which				
						euro area countries	non-euro area countries			
1999	96.3	96.1	96.5	95.8	98.2	100.1	95.9	98.0	97.7	
2000	87.2	86.7	88.0	85.9	93.0	99.0	85.8	92.0	90.9	
2001	87.8	87.1	90.6	86.9	93.0	98.1	86.9	91.4	90.8	
2002	90.1	90.2	95.2	90.5	93.5	96.9	89.5	91.9	91.7	
2003	100.7	101.2	107.1	101.4	97.0	95.7	99.1	96.5	96.7	
2004	104.6	104.9	111.7	105.0	98.4	95.4	102.9	98.0	98.3	
2005	102.9	103.4	109.6	102.4	98.4	95.2	103.2	96.9	96.5	
2006	102.8	103.3	109.6	101.7	98.5	94.9	104.1	96.4	95.8	
2007	106.1	106.0	113.0	103.6	100.7	95.2	109.7	97.8	96.9	
2008	109.3	108.1	117.1	105.5	102.1	94.6	114.7	97.7	97.0	
2009	110.7	108.8	120.2	106.5	101.7	94.5	113.8	97.9	97.4	
2010	103.6	101.1	111.6	97.6	98.7	94.1	106.0	93.6	91.9	
2011	103.3	100.1	112.3	97.0	98.1	93.7	105.0	92.7	91.3	
2012	97.7	94.8	107.2	92.2	95.8	93.2	99.6	89.7	88.2	
2013	101.0	97.7	111.8	95.0	98.1	93.3	105.6	91.4	90.1	
2014	101.4	97.2	114.1	95.4	98.1	93.6	105.3	91.6	90.7	
2015	91.7	87.6	105.7	87.0	94.1	93.6	94.6	86.4	85.8	
2016	94.4	89.5	109.7	p 88.9	94.7	93.6	96.2	87.4	p 87.0	
2017	96.6	91.4	112.0	p 90.0	96.0	93.7	99.4	88.6	p 87.8	
2014 Oct	98.6	94.3	111.2	92.5	97.2	93.7	102.5	90.1	89.1	
2014 Nov	98.4	94.1	111.2	92.4	97.2	93.6	102.7	90.0	89.0	
2014 Dec	98.4	94.0	112.1	92.9	97.1	93.5	102.6	89.9	89.2	
2015 Jan	94.6	90.3	108.0	89.2	95.1	93.5	97.4	87.8	87.0	
2015 Feb	92.8	88.8	106.1	87.8	94.7	93.8	95.9	87.2	86.4	
2015 Mar	90.0	86.1	103.0	85.1	93.6	93.7	93.2	85.6	84.6	
2015 Apr	89.1	85.3	101.6	83.9	93.4	93.7	92.7	85.2	84.0	
2015 May	91.0	87.0	103.9	85.7	94.0	93.7	94.3	86.2	85.1	
2015 June	91.7	87.7	105.2	86.7	94.1	93.5	94.7	86.4	85.6	
2015 July	90.7	86.6	104.2	85.7	93.7	93.5	93.6	85.8	85.0	
2015 Aug	92.4	88.0	107.1	88.0	94.3	93.6	95.0	86.7	86.4	
2015 Sep	93.2	88.9	108.7	89.2	94.5	93.5	95.7	87.1	87.1	
2015 Oct	93.0	88.8	108.1	88.7	94.5	93.6	95.7	87.1	86.8	
2015 Nov	90.5	86.3	105.0	86.0	93.5	93.6	93.0	85.8	85.3	
2015 Dec	91.9	87.5	107.1	87.5	93.7	93.3	93.9	86.2	85.9	
2016 Jan	93.0	88.4	108.9	p 88.6	93.9	93.5	94.4	86.7	p 86.7	
2016 Feb	94.2	89.3	110.3	p 89.5	94.4	93.4	95.8	87.2	p 87.1	
2016 Mar	93.6	88.8	109.0	p 88.5	94.5	93.5	95.7	87.0	p 86.7	
2016 Apr	94.4	89.5	109.8	p 89.0	94.9	93.7	96.5	87.5	p 87.1	
2016 May	94.6	89.9	110.2	p 89.4	94.8	93.6	96.2	87.7	p 87.4	
2016 June	94.4	89.7	109.8	p 89.1	94.5	93.5	95.6	87.5	p 87.1	
2016 July	94.6	89.8	109.5	p 88.7	94.8	93.6	96.4	87.6	p 86.9	
2016 Aug	94.9	90.0	110.0	p 89.0	95.0	93.5	96.9	87.6	p 87.0	
2016 Sep	95.1	90.1	110.2	p 89.2	95.1	93.6	97.1	87.8	p 87.2	
2016 Oct	95.1	90.3	110.0	p 89.0	95.4	93.7	97.7	87.9	p 87.1	
2016 Nov	94.6	89.6	109.6	p 88.6	94.8	93.6	96.4	87.5	p 86.8	
2016 Dec	93.7	88.9	108.6	p 87.8	94.6	93.9	95.6	87.3	p 86.5	
2017 Jan	93.9	89.1	109.0	p 88.0	94.5	93.6	95.7	87.2	p 86.4	
2017 Feb	93.4	88.9	108.1	p 87.4	94.5	93.7	95.5	87.1	p 86.2	
2017 Mar	94.0	89.2	108.5	p 87.5	94.6	93.6	96.0	87.2	p 86.1	
2017 Apr	93.7	89.0	108.2	p 87.2	94.5	93.6	95.6	87.1	p 86.0	
2017 May	95.6	90.5	110.5	p 88.8	95.4	93.7	97.8	88.0	p 87.0	
2017 June	96.3	91.2	111.4	p 89.6	95.9	93.8	99.0	88.5	p 87.6	
2017 July	97.6	92.4	113.3	p 91.0	96.6	93.9	100.6	89.2	p 88.5	
2017 Aug	99.0	93.6	115.0	p 92.3	97.2	93.8	102.4	89.8	p 89.2	
2017 Sep	99.0	93.6	115.0	p 92.2	97.3	93.8	102.5	89.8	p 89.3	
2017 Oct	98.6	93.1	114.8	p 91.9	97.1	93.7	102.2	89.5	p 89.0	
2017 Nov	98.5	93.0	115.0	p 92.0	97.2	93.8	102.4	89.5	p 89.0	
2017 Dec	98.8	93.3	115.3	p 92.1	97.5	94.0	103.0	89.8	p 89.3	
2018 Jan	99.4	93.9	116.1	p 92.7	97.6	93.6	103.7	89.8	p 89.3	
2018 Feb	99.6	93.9	117.3	p 93.6	97.7	93.7	103.9	89.9	p 89.5	
2018 Mar	99.7	94.2	117.7	p 93.9	97.8	93.7	104.1	90.0	p 89.7	
2018 Apr	99.5	p 93.9	117.9	p 94.0	p 97.7	93.6	104.1	p 89.8	p 89.6	
2018 May	98.1	p 92.8	116.6	p 93.1	p 97.4	93.8	p 102.9	p 89.4	p 89.4	
2018 June	97.9	p 92.6	116.7	p 93.0	p 97.2	p 93.9	p 102.2	p 89.4	p 89.4	
2018 July	99.2	p 93.9	118.2	p 94.2	p 97.4	p 93.9	p 102.7	p 90.1	p 90.0	

* See Explanatory notes, p 51. 1 Source: ECB.

III Effective exchange rates of the euro *

2 Nominal and real effective exchange rates based on consumer price indices

1999 Q1 = 100, monthly averages, log scale



* Source: ECB.

IV Overview of world currencies *

1 Currencies and exchange rates in individual countries

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month			
					May 2018	June 2018	July 2018	
Afghanistan								
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 68.1445	AFN 71.2717	AFN 73.2176	AFN 71.9928	
		S	USD 1 =	AFN 68.2445	AFN 71.3717	AFN 73.3176	AFN 72.0928	
	AFN	B	EUR 1 =	AFN 77.1114	AFN 82.8067	AFN 85.7367	AFN 83.9223	
		S	EUR 1 =	AFN 77.3714	AFN 83.0667	AFN 85.9967	AFN 84.1823	
	Albania							
	Tirana 070	Albanian lek = 100 qindarka	M	USD 1 =	ALL 118.94	ALL 107.61	ALL 108.13	ALL 107.27
M			EUR 1 =	ALL 134.16	ALL 125.92	ALL 125.93	ALL 125.76	
ALL								
Algeria								
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 111.0969	DZD 116.5902	DZD 117.5671	DZD 117.7267	
		S	USD 1 =	DZD 111.1119	DZD 116.6052	DZD 117.5821	DZD 117.7417	
	DZD	B	EUR 1 =	DZD 125.6478	DZD 136.0841	DZD 136.9304	DZD 137.7638	
		S	EUR 1 =	DZD 125.6908	DZD 136.1132	DZD 137.0067	DZD 137.7931	
	Angola ¹							
	Luanda 330	Kwanza = 100 cêntimos	B	USD 1 =	AOA 165.091	AOA 239.160	AOA 248.973	AOA 256.697
S			USD 1 =	AOA 166.742	AOA 239.656	AOA 249.554	AOA 257.252	
AOA		B	EUR 1 =	AOA 184.490	AOA 277.450	AOA 288.510	AOA 300.618	
		S	EUR 1 =	AOA 186.296	AOA 278.145	AOA 289.233	AOA 301.371	
Antigua and Barbuda								
St John's 459		East Caribbean dollar = 100 cents	2 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
	2 S		USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169	
	XCD	V, B	EUR 1 =	XCD 3.0369	XCD 3.1449	XCD 3.1339	XCD 3.1549	
		V, S	EUR 1 =	XCD 3.0693	XCD 3.1785	XCD 3.1674	XCD 3.1886	
	Argentina							
	Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 16.4721	ARS 24.8600	ARS 28.7500	ARS 27.3100
S			USD 1 =	ARS 16.5721	ARS 24.9600	ARS 28.8500	ARS 27.4100	
ARS		B	EUR 1 =	ARS 18.6421	ARS 29.0017	ARS 33.5398	ARS 31.9145	
		S	EUR 1 =	ARS 18.7969	ARS 29.1807	ARS 33.7285	ARS 32.0999	
Armenia								
Yerevan 077		Armenian dram = 100 luma	M	USD 1 =	AMD 482.78	AMD 482.51	AMD 482.24	AMD 480.95
	M		EUR 1 =	AMD 545.83	AMD 564.63	AMD 561.81	AMD 563.82	
AMD								
Aruba								
Oranjestad 474	Aruban florin = 100 cent	2 B	USD 1 =	AWG 1.78	AWG 1.78	AWG 1.78	AWG 1.78	
		2 S	USD 1 =	AWG 1.80	AWG 1.80	AWG 1.80	AWG 1.80	
	AWG	B	EUR 100 =	AWG 202.51	AWG 208.37	AWG 207.63	AWG 209.07	
		S	EUR 100 =	AWG 204.55	AWG 210.46	AWG 209.72	AWG 211.17	

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.

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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.7681	USD 0.7564	USD 0.7391	USD 0.7431
		M	AUD 1 =	EUR 0.6784	EUR 0.6475	EUR 0.6344	EUR 0.6345
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
Azerbaijan							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 1.7189	AZN 1.7000	AZN 1.7000	AZN 1.7000
		M	EUR 1 =	AZN 1.9419	AZN 1.9829	AZN 1.9814	AZN 1.9920
Bahamas							
Nassau 453	Bahamian dollar = 100 cents BSD	2 B	USD 1 =	BSD 0.9950	BSD 0.9950	BSD 0.9950	BSD 0.9950
		2 S	USD 1 =	BSD 1.0125	BSD 1.0125	BSD 1.0125	BSD 1.0125
		V, B	EUR 1 =	BSD 1.12405	BSD 1.16405	BSD 1.15997	BSD 1.16773
		V, S	EUR 1 =	BSD 1.14382	BSD 1.18452	BSD 1.18037	BSD 1.18827
Bahrain							
Manama 640	Bahraini dinar = 1,000 fils BHD	2 B	USD 1 =	BHD 0.37425	BHD 0.37425	BHD 0.37425	BHD 0.37425
		2 S	USD 1 =	BHD 0.37750	BHD 0.37750	BHD 0.37750	BHD 0.37750
		B	EUR 1 =	BHD 0.4157178	BHD 0.4280610	BHD 0.4225223	BHD 0.4284781
		S	EUR 1 =	BHD 0.4414323	BHD 0.4545390	BHD 0.4486577	BHD 0.4549819
Bangladesh 1							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 80.6296	BDT 83.7000	BDT 83.7000	BDT 83.7500
		S	USD 1 =	BDT 80.6342	BDT 83.7000	BDT 83.7500	BDT 83.7500
		B	EUR 1 =	BDT 91.8261	BDT 97.5942	BDT 97.7867	BDT 97.9121
		S	EUR 1 =	BDT 91.8648	BDT 97.6026	BDT 97.8786	BDT 97.9205
Barbados							
Bridgetown 469	Barbados dollar = 100 cents BBD	2 B	USD 1 =	BBD 1.99375	BBD 1.99375	BBD 1.99375	BBD 1.99375
		2 S	USD 1 =	BBD 2.02768	BBD 2.02768	BBD 2.02768	BBD 2.02768
		B	EUR 1 =	BBD 2.26284	BBD 2.32009	BBD 2.30138	BBD 2.33164
		S	EUR 1 =	BBD 2.30526	BBD 2.36359	BBD 2.34452	BBD 2.37536
Belarus							
Minsk 073	Belarusian rouble = 100 kopecks BYN	M	USD 1 =	BYN 1.9314	BYN 2.0225	BYN 1.9898	BYN 1.9916
		M	EUR 1 =	BYN 2.1862	BYN 2.3442	BYN 2.3142	BYN 2.3222

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.

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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
Belize							
Belmopan 421	Belize dollar = 100 cents	² B	USD 1 =	BZD 1.9825	BZD 1.9825	BZD 1.9825	BZD 1.9825
		² S	USD 1 =	BZD 2.0175	BZD 2.0175	BZD 2.0175	BZD 2.0175
	BZD	B	EUR 1 =	BZD 2.2540	BZD 2.3136	BZD 2.3080	BZD 2.3225
		S	EUR 1 =	BZD 2.2937	BZD 2.3544	BZD 2.3488	BZD 2.3635
Benin ¹							
Porto-Novo Seat of Government: Cotonou 284	CFA franc XOF	V	USD 1 =	XOF 580.647	XOF 560.695	XOF 562.667	XOF 558.927
		³	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Bermuda							
Hamilton 413	Bermudian dollar = 100 cents	² B	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
		² S	USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
	BMD	V, B	EUR 1 =	BMD 1.1252	BMD 1.1652	BMD 1.1611	BMD 1.1689
		V, S	EUR 1 =	BMD 1.1346	BMD 1.1749	BMD 1.1708	BMD 1.1786
Bhutan ¹							
Thimphu 675	Ngultrum = 100 chhetrum	B	USD 1 =	BTN 63.91	BTN 66.40	BTN 67.70	BTN 67.65
		S	USD 1 =	BTN 66.02	BTN 68.55	BTN 69.90	BTN 69.75
	BTN	B	EUR 1 =	BTN 72.64	BTN 77.10	BTN 78.35	BTN 79.00
		S	EUR 1 =	BTN 74.64	BTN 79.25	BTN 80.50	BTN 81.20
Bolivia, Plurinational State of							
Sucre Seat of Government: La Paz 516	Boliviano = 100 centavos BOB	B	USD 1 =	BOB 6.86	BOB 6.86	BOB 6.86	BOB 6.86
		S	USD 1 =	BOB 6.96	BOB 6.96	BOB 6.96	BOB 6.96
		V, B	EUR 1 =	BOB 7.7357	BOB 8.0255	BOB 7.9974	BOB 8.0509
		V, S	EUR 1 =	BOB 7.8485	BOB 8.1425	BOB 8.1140	BOB 8.1683
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga	B	USD 1 =	BAM 1.720423	BAM 1.677218	BAM 1.673478	BAM 1.669754
		S	USD 1 =	BAM 1.729046	BAM 1.685626	BAM 1.681866	BAM 1.678124
	BAM	³	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583
Botswana							
Gaborone 391	Pula = 100 thebe	B	BWP 1 =	USD 0.0972	USD 0.1005	USD 0.0961	USD 0.0980
		S	BWP 1 =	USD 0.0970	USD 0.1002	USD 0.0958	USD 0.0977
	BWP	B	BWP 1 =	EUR 0.0856	EUR 0.0860	EUR 0.0825	EUR 0.0836
		S	BWP 1 =	EUR 0.0854	EUR 0.0858	EUR 0.0823	EUR 0.0833

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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Brazil							
Brasília 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 3.1919	BRL 3.7364	BRL 3.8552	BRL 3.7543
		S	USD 1 =	BRL 3.1925	BRL 3.7370	BRL 3.8558	BRL 3.7549
	BRL	B	EUR 1 =	BRL 3.6485	BRL 4.3585	BRL 4.5009	BRL 4.3944
		S	EUR 1 =	BRL 3.6502	BRL 4.3611	BRL 4.5032	BRL 4.3959
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3657	BND 1.3366	BND 1.3581	BND 1.3520
		S	USD 1 =	BND 1.3862	BND 1.3551	BND 1.3764	BND 1.3705
	BND	B	EUR 1 =	BND 1.5347	BND 1.5275	BND 1.5567	BND 1.5683
		S	EUR 1 =	BND 1.5912	BND 1.5825	BND 1.6114	BND 1.6233
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.73478	BGN 1.67179	BGN 1.67767	BGN 1.66652
		2	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 580.647	XOF 560.695	XOF 562.667	XOF 558.927
		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 1,715.1343	BIF 1,760.4774	BIF 1,761.4971	BIF 1,763.6355
		S	USD 1 =	BIF 1,749.2041	BIF 1,796.0426	BIF 1,797.0829	BIF 1,799.2645
	BIF	B	EUR 1 =	BIF 1,948.7043	BIF 2,056.7658	BIF 2,050.2064	BIF 2,065.7463
		S	EUR 1 =	BIF 1,987.4246	BIF 2,098.3166	BIF 2,091.6248	BIF 2,107.4785
Cabo Verde							
Praia 247	Cabo Verde escudo = 100 centavos	B	USD 1 =	CVE 97.230	CVE 94.694	CVE 95.095	CVE 94.272
		S	USD 1 =	CVE 97.432	CVE 94.896	CVE 95.297	CVE 94.474
	CVE	2	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 4,045	KHR 4,075	KHR 4,063	KHR 4,059
		B	EUR 1 =	KHR 4,595	KHR 4,751	KHR 4,701	KHR 4,753
	S	EUR 1 =	KHR 4,641	KHR 4,799	KHR 4,748	KHR 4,801	
Cameroon ¹							
Yaoundé 302	CFA franc XAF	V	USD 1 =	XAF 580.647	XAF 560.695	XAF 562.667	XAF 558.927
		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 1.2986	CAD 1.2948	CAD 1.3168	CAD 1.3017
		M	EUR 1 =	CAD 1.4749	CAD 1.5118	CAD 1.5360	CAD 1.5239

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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
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 0.9414	KYD 0.9749	KYD 0.9715	KYD 0.9780
Central African Republic ¹							
Bangui 306	CFA franc XAF	V	USD 1 =	XAF 580.647	XAF 560.695	XAF 562.667	XAF 558.927
		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 580.647	XAF 560.695	XAF 562.667	XAF 558.927
		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 648.64	CLP 628.33	CLP 647.95	CLP 638.79
		M	EUR 1 =	CLP 730.93	CLP 731.89	CLP 749.16	CLP 748.17
China							
Peking / Beijing 720	Chinese renminbi ⁴ 1 yuan (renminbi) = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.7513	CNY 6.4144	CNY 6.6166	CNY 6.8165
		M	EUR 1 =	CNY 7.6579	CNY 7.4814	CNY 7.6515	CNY 7.9799
		M	HKD 1 =	CNY 0.86568	CNY 0.81754	CNY 0.84310	CNY 0.86852
China (Taiwan)							
Taipei 736	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 30.31	TWD 29.900	TWD 30.415	TWD 30.555
		S	USD 1 =	TWD 30.41	TWD 30.000	TWD 30.515	TWD 30.655
		B	EUR 1 =	TWD 34.13	TWD 34.88	TWD 35.26	TWD 35.66
		S	EUR 1 =	TWD 34.53	TWD 35.28	TWD 35.66	TWD 36.06
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	M	USD 1 =	COP 2,951.285	COP 2,879.32	COP 2,945.09	COP 2,875.72
		V, M	EUR 1 =	COP 3,329.382	COP 3,368.516	COP 3,433.386	COP 3,374.945
Comoros							
Moroni 375	Comorian franc = 100 centimes KMF	V	USD 1 =	KMF 435.48531	KMF 420.52120	KMF 422.00013	KMF 419.19542
		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 580.647	XAF 560.695	XAF 562.667	XAF 558.927
		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. ⁴ Currency amounts are denoted using the designation yuan (renminbi).

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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 1,455.5068	CDF 1,587.8640	CDF 1,593.0650	CDF 1,594.4431
		S	USD 1 =	CDF 1,514.9152	CDF 1,652.6748	CDF 1,658.0881	CDF 1,659.5224
	CDF	B	EUR 1 =	CDF 1,658.2101	CDF 1,843.0406	CDF 1,844.6383	CDF 1,866.5866
		S	EUR 1 =	CDF 1,725.8701	CDF 1,918.2668	CDF 1,919.9296	CDF 1,942.7738
Cook Islands ¹							
Avarua 837	Cook Islands dollar ² = 100 cents NZD	B	NZD 1 =	EUR 0.6438	EUR 0.6128	EUR 0.5964	EUR 0.5971
		S	NZD 1 =	EUR 0.6162	EUR 0.5864	EUR 0.5706	EUR 0.5713
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 563.02	CRC 563.50	CRC 563.44	CRC 563.43
		S	USD 1 =	CRC 572.30	CRC 568.77	CRC 570.08	CRC 570.07
	CRC	V, B	EUR 1 =	CRC 640.4559	CRC 659.2387	CRC 656.8584	CRC 661.2414
		V, S	EUR 1 =	CRC 650.8521	CRC 665.4040	CRC 664.5993	CRC 669.0342
Côte d'Ivoire ¹							
Yamoussoukro Seat of Government: Abidjan 272	CFA franc XOF	V	USD 1 =	XOF 580.647	XOF 560.695	XOF 562.667	XOF 558.927
		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 6.585977	HRK 6.337454	HRK 6.317567	HRK 6.308552
		S	USD 1 =	HRK 6.625612	HRK 6.375594	HRK 6.355587	HRK 6.346518
	HRK	B	EUR 1 =	HRK 7.438069	HRK 7.360954	HRK 7.357438	HRK 7.370913
		S	EUR 1 =	HRK 7.482832	HRK 7.405252	HRK 7.401716	HRK 7.415271
Cuba ¹							
Havana 448	Convertible peso / Cuban peso = 100 centavos	⁴ B	CUC 1 =	USD 1.03182	USD 1.01009	USD 1.01009	USD 1.01009
		⁴ S	CUC 1 =	USD 0.97009	USD 0.99010	USD 0.99010	USD 0.99010
	CUC / CUP	B	EUR 1 =	CUC 1.10202	CUC 1.15300	CUC 1.14557	CUC 1.15924
		S	EUR 1 =	CUC 1.17106	CUC 1.17630	CUC 1.16873	CUC 1.18266
Curaçao							
Willemstad 477	Netherlands Antillean guilder = 100 cent	⁴ B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		⁴ S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 202.47	ANG 208.37	ANG 207.63	ANG 209.08
		S	EUR 100 =	ANG 206.55	ANG 212.56	ANG 211.82	ANG 213.29
Cyprus							
Nicosia 600	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
Czechia							
Prague 061	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 23.382	CZK 22.050	CZK 22.318	CZK 21.814
		M	EUR 1 =	CZK 26.289	CZK 25.790	CZK 26.020	CZK 25.600

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. ⁴ Value against the 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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 659.53	DKK 636.26	DKK 639.26	DKK 634.79
		M	EUR 100 =	DKK 743.90	DKK 744.36	DKK 745.25	DKK 744.99
Djibouti							
Djibouti 338	Djibouti franc = 100 centimes DJF	2 B	USD 1 =	DJF 176.832	DJF 176.832	DJF 176.832	DJF 176.832
		2 S	USD 1 =	DJF 179.498	DJF 179.498	DJF 179.498	DJF 179.498
		B	EUR 1 =	DJF 199.35	DJF 204.67	DJF 205.55	DJF 205.60
		S	EUR 1 =	DJF 207.47	DJF 212.66	DJF 213.57	DJF 213.63
Dominica							
Roseau 460	East Caribbean dollar = 100 cents XCD	2 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		2 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
		V, B	EUR 1 =	XCD 3.0369	XCD 3.1449	XCD 3.1339	XCD 3.1549
		V, S	EUR 1 =	XCD 3.0693	XCD 3.1785	XCD 3.1674	XCD 3.1886
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 47.1821	DOP 49.0521	DOP 49.0703	DOP 49.2918
		S	USD 1 =	DOP 47.6080	DOP 49.4492	DOP 49.4682	DOP 49.7037
		B	EUR 1 =	DOP 52.6036	DOP 56.8143	DOP 56.7499	DOP 57.0652
		S	EUR 1 =	DOP 55.8669	DOP 60.3779	DOP 60.1189	DOP 60.5364
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 17.7125	EGP 17.8000	EGP 17.7800	EGP 17.7800
		S	USD 1 =	EGP 17.8063	EGP 17.9000	EGP 17.8800	EGP 17.8800
		B	EUR 1 =	EGP 19.9838	EGP 20.7334	EGP 20.4968	EGP 20.8026
		S	EUR 1 =	EGP 20.2009	EGP 20.9860	EGP 20.7372	EGP 21.0001
El Salvador 1							
San Salvador 428	El Salvador colón = 100 centavos SVC	2	USD 1 =	SVC 8.75	SVC 8.75	SVC 8.75	SVC 8.75
		V, B / S	EUR 1 =	SVC 9.8849	SVC 10.2366	SVC 10.2008	SVC 10.2690
Equatorial Guinea 1							
Malabo 310	CFA franc XAF	V	USD 1 =	XAF 580.647	XAF 560.695	XAF 562.667	XAF 558.927
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Eritrea							
Asmara 336	Nakfa = 100 cents ERN	2 B	USD 1 =	ERN 15.00	ERN 15.00	ERN 15.00	ERN 15.00
		2 S	USD 1 =	ERN 15.15	ERN 15.15	ERN 15.15	ERN 15.15
		B	EUR 1 =	ERN 17.0619	ERN 17.4870	ERN 17.3895	ERN 17.5215
		S	EUR 1 =	ERN 17.7432	ERN 18.1232	ERN 18.0257	ERN 18.1577
Estonia							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736

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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Ethiopia							
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 24.0105	ETB 27.2511	ETB 27.2669	ETB 27.3703
		S	USD 1 =	ETB 24.4907	ETB 27.7961	ETB 27.8122	ETB 27.9177
	ETB	B	EUR 1 =	ETB 27.3459	ETB 31.6985	ETB 31.7687	ETB 31.9740
		S	EUR 1 =	ETB 27.9003	ETB 32.3325	ETB 32.4041	ETB 32.6135
Eswatini ¹							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 13.2528	SZL 12.4884	SZL 13.6935	SZL 13.1695
		S	USD 1 =	SZL 13.3028	SZL 12.4949	SZL 13.7000	SZL 13.1746
	SZL	B	EUR 1 =	SZL 15.04752	SZL 14.5890	SZL 15.9337	SZL 15.4355
		S	EUR 1 =	SZL 15.10738	SZL 14.5992	SZL 15.9426	SZL 15.4422
Falkland Islands (Islas Malvinas)							
Stanley 529	Falkland Islands pound ² = 100 pence FKP	V	USD 1 =	FKP 0.77602	FKP 0.74947	FKP 0.76004	FKP 0.76022
		V	EUR 1 =	FKP 0.87667	FKP 0.87680	FKP 0.88605	FKP 0.89220
Fiji							
Suva 815	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4933	USD 0.4907	USD 0.4826	USD 0.4844
		S	FJD 1 =	USD 0.4763	USD 0.4737	USD 0.4656	USD 0.4674
	FJD	B	FJD 1 =	EUR 0.4331	EUR 0.4189	EUR 0.4157	EUR 0.4122
		S	FJD 1 =	EUR 0.4211	EUR 0.4069	EUR 0.4037	EUR 0.4002
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
Gabon ¹							
Libreville 314	CFA franc XAF	V	USD 1 =	XAF 580.647	XAF 560.695	XAF 562.667	XAF 558.927
		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 46.75	GMD 47.36	GMD 47.35	GMD 48.04
		M	EUR 1 =	GMD 53.21	GMD 55.87	GMD 55.63	GMD 56.64
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 =	GEL 2.5129	GEL 2.4719	GEL 2.4535	GEL 2.4474
		M	EUR 1 =	GEL 2.8415	GEL 2.8716	GEL 2.8439	GEL 2.8591

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 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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas GHS	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	GHS 4.3540 GHS 4.3584 GHS 4.9609 GHS 4.9649	GHS 4.4204 GHS 4.4248 GHS 5.1611 GHS 5.1656	GHS 4.5207 GHS 4.5252 GHS 5.2781 GHS 5.2834	GHS 4.6920 GHS 4.6966 GHS 5.4928 GHS 5.4961
Gibraltar							
Gibraltar 044	Gibraltar pound ² = 100 pence GIP	V V	USD 1 = EUR 1 =	GIP 0.77602 GIP 0.87667	GIP 0.74947 GIP 0.87680	GIP 0.76004 GIP 0.88605	GIP 0.76022 GIP 0.89220
Greece ¹							
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
Grenada							
St George's 473	East Caribbean dollar = 100 cents XCD	³ B ³ S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	XCD 2.6882 XCD 2.7169 XCD 3.0369 XCD 3.0693	XCD 2.6882 XCD 2.7169 XCD 3.1449 XCD 3.1785	XCD 2.6882 XCD 2.7169 XCD 3.1339 XCD 3.1674	XCD 2.6882 XCD 2.7169 XCD 3.1549 XCD 3.1886
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ	M V, M	USD 1 = EUR 1 =	GTQ 7.34631 GTQ 8.35181	GTQ 7.48595 GTQ 8.75781	GTQ 7.49326 GTQ 8.73564	GTQ 7.48477 GTQ 8.78413
Guinea							
Conakry 260	Guinean franc GNF	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	GNF 8,792.9167 GNF 9,166.6667 GNF 9,979.6061 GNF 10,401.3362	GNF 8,650.00 GNF 8,995.00 GNF 10,013.197 GNF 10,412.567	GNF 8,675.00 ⁴ GNF 9,075.00 ⁴ GNF 10,092.608 ⁴ GNF 10,557.973 ⁴	GNF 8,710.00 GNF 9,150.00 GNF 10,203.364 GNF 10,718.804
Guinea-Bissau ¹							
Bissau 257	CFA franc XOF	V 5	USD 1 = EUR 1 =	XOF 580.647 XOF 655.957	XOF 560.695 XOF 655.957	XOF 562.667 XOF 655.957	XOF 558.927 XOF 655.957
Guyana							
Georgetown 488	Guyana dollar = 100 cents GYD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	GYD 205.98 GYD 208.44 GYD 234.17 GYD 237.16	GYD 207.98 GYD 210.45 GYD 243.19 GYD 246.30	GYD 207.98 GYD 210.45 GYD 242.23 GYD 245.33	GYD 207.98 GYD 210.45 GYD 244.00 GYD 247.12

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 pound sterling. ³ Value against the US dollar. ⁴ Exchange rate as of 2 July 2018. ⁵ 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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 64.6157	HTG 66.1431	HTG 66.9070	HTG 67.7221
		V, M	EUR 1 =	HTG 73.3598	HTG 77.3808	HTG 78.0002	HTG 79.4787
Honduras							
Tegucigalpa 424	Lempira = 100 centavos HNL	B	USD 1 =	HNL 23.4928	HNL 23.9126	HNL 23.9848	HNL 23.9769
		S	USD 1 =	HNL 23.6573	HNL 24.0800	HNL 24.1527	HNL 24.1447
		V, B	EUR 1 =	HNL 26.7110	HNL 27.9754	HNL 27.9615	HNL 28.1393
		V, S	EUR 1 =	HNL 26.8980	HNL 28.1712	HNL 28.1572	HNL 28.3362
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.77531	HKD 7.82870	HKD 7.82720	HKD 7.82870
		S	USD 1 =	HKD 7.81201	HKD 7.86920	HKD 7.86770	HKD 7.86920
		B	EUR 1 =	HKD 8.82724	HKD 9.13194	HKD 9.08854	HKD 9.16864
		S	EUR 1 =	HKD 8.89458	HKD 9.20016	HKD 9.15766	HKD 9.23736
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 274.27	HUF 272.08	HUF 282.06	HUF 274.02
		M	EUR 1 =	HUF 309.34	HUF 318.88	HUF 328.60	HUF 321.31
Iceland							
Reykjavik 024	Icelandic krona ISK	B	USD 1 =	ISK 106.265	ISK 104.96	ISK 106.15	ISK 104.45
		S	USD 1 =	ISK 106.775	ISK 105.46	ISK 106.65	ISK 104.95
		B	EUR 1 =	ISK 120.20	ISK 122.56	ISK 123.45	ISK 122.46
		S	EUR 1 =	ISK 120.87	ISK 123.24	ISK 124.15	ISK 123.14
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	M	USD 1 =	INR 65.0330	INR 67.4526	INR 68.5753	INR 68.6068
		M	EUR 1 =	INR 73.7760	INR 78.7914	INR 79.8491	INR 80.3687
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 13,318.29	IDR 13,881.00	IDR 14,332.00	IDR 14,341.00
		S	USD 1 =	IDR 13,452.46	IDR 14,021.00	IDR 14,476.00	IDR 14,485.00
		B	EUR 1 =	IDR 15,112.80	IDR 16,181.08	IDR 16,580.69	IDR 16,787.57
		S	EUR 1 =	IDR 15,268.86	IDR 16,348.49	IDR 16,753.07	IDR 16,961.94
Iran, Islamic Republic of ¹							
Tehran 616	Iranian rial = 100 dinars IRR	M	USD 1 =	IRR 33,384	IRR 42,155	IRR 42,610 ¹	IRR 44,070
		M	EUR 1 =	IRR 37,982	IRR 49,186	IRR 49,807 ¹	IRR 51,596

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 2017	Rate at end of month			
					May 2018	June 2018	July 2018	
Iraq ¹								
Baghdad 612	Iraqi dinar = 1,000 fils	2	B	USD 1 =	IQD 1,182.00	IQD 1,182.00	IQD 1,182.00	IQD 1,182.00
			S	USD 1 =	IQD 1,184.00	IQD 1,190.00	IQD 1,190.00	IQD 1,190.00
			B	EUR 1 =	IQD 1,342.547	IQD 1,391.485	IQD 1,381.613	IQD 1,395.886
			S	EUR 1 =	IQD 1,343.218	IQD 1,392.181	IQD 1,382.304	IQD 1,396.584
		3	B	USD 1 =	IQD 1,247.67	IQD 1,193.00	IQD 1,195.00	IQD 1,197.00
			S	USD 1 =	IQD 1,252.42	IQD 1,197.00	IQD 1,198.00	IQD 1,199.00
		V, B V, S	EUR 1 =	IQD 1,418.50	IQD 1,395.69	IQD 1,393.13	IQD 1,404.80	
EUR 1 =	IQD 1,423.89		IQD 1,400.37	IQD 1,396.63	IQD 1,407.15			
Ireland								
Dublin 007	Euro = 100 cent EUR		M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
Israel								
Jerusalem 624	New Israeli sheqel = 100 agorot ILS		M	USD 1 =	ILS 3.5998	ILS 3.5660	ILS 3.6500	ILS 3.6640
			M	EUR 1 =	ILS 4.0577	ILS 4.1650	ILS 4.2551	ILS 4.3004
Italy								
Rome 005	Euro = 100 cent EUR		M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
Jamaica								
Kingston 464	Jamaican dollar = 100 cents JMD	B	S	USD 1 =	JMD 127.2698	JMD 126.0858	JMD 128.3339	JMD 133.2618
			S	USD 1 =	JMD 128.2787	JMD 127.9025	JMD 130.3918	JMD 135.4433
			B	EUR 1 =	JMD 139.75475	JMD 141.8928	JMD 144.3181	JMD 149.0884
			S	EUR 1 =	JMD 145.69698	JMD 149.7828	JMD 152.9059	JMD 159.1441
Japan								
Tokyo 732	Japanese yen = 100 sen JPY	B	S	USD 1 =	JPY 111.19	JPY 107.70	JPY 109.54	JPY 110.01
			S	USD 1 =	JPY 113.19	JPY 109.70	JPY 111.54	JPY 112.01
			B	EUR 1 =	JPY 125.72	JPY 125.23	JPY 126.41	JPY 128.43
			S	EUR 1 =	JPY 128.72	JPY 128.23	JPY 129.41	JPY 131.43
Jordan								
Amman 628	Jordanian dinar = 1,000 fils JOD	2	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
			B	EUR 1 =	JOD 0.80258	JOD 0.82468	JOD 0.81618	JOD 0.82836
			S	EUR 1 =	JOD 0.80892	JOD 0.83240	JOD 0.82346	JOD 0.83382
Kazakhstan								
Astana 079	Tenge = 100 tiyn KZT		M	USD 1 =	KZT 325.56	KZT 330.67	KZT 341.08	KZT 347.06
			M	EUR 1 =	KZT 368.95	KZT 384.01	KZT 397.26	KZT 405.54

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** Official rate; value against the US dollar. **3** Market rate.

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 2017	Rate at end of month			
					May 2018	June 2018	July 2018	
Kenya ¹								
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 103.2972	KES 101.4644	KES 100.9500	KES 100.3083	
		S	USD 1 =	KES 103.4963	KES 101.6672	KES 101.1500	KES 100.5083	
	KES	B	EUR 1 =	KES 117.2709	KES 117.0850	KES 116.7289	KES 117.3533	
		S	EUR 1 =	KES 117.5243	KES 117.3439	KES 116.9856	KES 117.6128	
	Korea, Democratic People's Republic of							
	Pyongyang 724	North Korean won = 100 chon	B	USD 1 =	KPW 106.94	KPW 105.53 ²	KPW 106.16 ²	KPW 105.75 ²
S			USD 1 =	KPW 107.74	KPW 106.32 ²	KPW 106.96 ²	KPW 106.55 ²	
KPW		B	EUR 1 =	KPW 121.63	KPW 123.49 ²	KPW 122.71 ²	KPW 123.13 ²	
		S	EUR 1 =	KPW 122.55	KPW 124.42 ²	KPW 123.63 ²	KPW 124.06 ²	
Korea, Republic of								
Seoul 728		South Korean won = 100 chon	B	USD 1 =	KRW 1,119.94	KRW 1,067.50	KRW 1,103.60	KRW 1,107.60
	S		USD 1 =	KRW 1,142.01	KRW 1,088.50	KRW 1,125.40	KRW 1,129.40	
	KRW	B	EUR 1 =	KRW 1,263.62	KRW 1,245.40	KRW 1,284.81	KRW 1,300.27	
		S	EUR 1 =	KRW 1,289.14	KRW 1,270.54	KRW 1,310.75	KRW 1,326.53	
	Kuwait							
	Kuwait 636	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.30189	KWD 0.30080	KWD 0.30150	KWD 0.30120
S			USD 1 =	KWD 0.30541	KWD 0.30440	KWD 0.30510	KWD 0.30480	
KWD		B	EUR 1 =	KWD 0.343073	KWD 0.350643	KWD 0.351172	KWD 0.352841	
		S	EUR 1 =	KWD 0.347083	KWD 0.354839	KWD 0.355365	KWD 0.357058	
Kyrgyzstan								
Bishkek 083		Kyrgyz som = 100 tyiyn	M	USD 1 =	KGS 68.8641	KGS 68.4516	KGS 68.1800	KGS 68.0600
	M		EUR 1 =	KGS 77.9234	KGS 79.4826	KGS 79.4229	KGS 79.4737	
Lao People's Democratic Republic								
Vientiane 684	Kip	B	USD 1 =	LAK 8,233	LAK 8,344	LAK 8,403	LAK 8,435	
		S	USD 1 =	LAK 8,270	LAK 8,381	LAK 8,440	LAK 8,448	
	LAK	B	EUR 1 =	LAK 9,297	LAK 9,687	LAK 9,679	LAK 9,832	
		S	EUR 1 =	LAK 9,342	LAK 9,733	LAK 9,724	LAK 9,878	
	Latvia							
	Riga 054	Euro = 100 cents	M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
	EUR							
Lebanon								
Beirut 604	Lebanese pound = 100 piastres	M	USD 1 =	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50	
		M	EUR 1 =	LBP 1,705.71	LBP 1,760.46	LBP 1,756.09	LBP 1,768.75	
	LBP							
Lesotho ¹								
Maseru 395	Loti = 100 lisente	M	USD 1 =	LSL 13.2590	LSL 12.5743	LSL 13.7608	LSL 13.2001	
		M	EUR 1 =	LSL 15.0639	LSL 14.6817	LSL 16.0416	LSL 15.4395	
	LSL							

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 As a rule, rate from the first business day of the following month.

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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents	B	USD 1 =	LRD 113.16	LRD 137.9834	LRD 150.1388	LRD 150.8407
		S	USD 1 =	LRD 113.99	LRD 138.5969	LRD 151.4014	LRD 152.1498
	LRD	V, B	EUR 1 =	LRD 129.0176	LRD 161.4268	LRD 175.0318	LRD 177.0266
		V, S	EUR 1 =	LRD 129.9491	LRD 162.1445	LRD 176.5038	LRD 178.5630
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham	B	USD 1 =	LYD 1.3869	LYD 1.3602	LYD 1.3736	LYD 1.3728
		S	USD 1 =	LYD 1.3939	LYD 1.3670	LYD 1.3805	LYD 1.3797
	LYD	B	EUR 1 =	LYD 1.5734	LYD 1.5891	LYD 1.5863	LYD 1.6076
		S	EUR 1 =	LYD 1.5813	LYD 1.5971	LYD 1.5942	LYD 1.6157
Lithuania							
Vilnius 055	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
Luxembourg							
Luxembourg 018	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
Macao ¹							
Macao 743	Pataca = 100 avos	B	USD 1 =	MOP 8.0180	MOP 8.0785	MOP 8.0775	MOP 8.0789
		S	USD 1 =	MOP 8.0500	MOP 8.1010	MOP 8.1000	MOP 8.1014
	MOP	B	EUR 1 =	MOP 9.0916	MOP 9.4317	MOP 9.3922	MOP 9.4694
		S	EUR 1 =	MOP 9.1708	MOP 9.4702	MOP 9.4307	MOP 9.5079
Macedonia, former Yugoslav Republic of							
Skopje 096	Macedonian denar = 100 deni	B	USD 1 =	MKD 54.2664	MKD 52.6190	MKD 52.4845	MKD 52.3686
		S	USD 1 =	MKD 54.8118	MKD 53.1478	MKD 53.0120	MKD 52.8950
	MKD	B	EUR 1 =	MKD 61.2696	MKD 61.2064	MKD 61.1864	MKD 61.1875
		S	EUR 1 =	MKD 61.8854	MKD 61.8216	MKD 61.8014	MKD 61.8025
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 3,115.86	MGA 3,324.13	MGA 3,314.67	MGA 3,270.34
		M	EUR 1 =	MGA 3,519.24	MGA 3,880.70	MGA 3,864.19	MGA 3,832.74
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala	B	USD 1 =	MWK 716.5933	MWK 716.8189	MWK 716.4022	MWK 716.9846
		S	USD 1 =	MWK 734.6611	MWK 735.2603	MWK 735.1270	MWK 734.9890
	MWK	B	EUR 1 =	MWK 813.8638	MWK 836.7427	MWK 834.8235	MWK 839.6606
		S	EUR 1 =	MWK 834.4058	MWK 858.2694	MWK 856.6435	MWK 860.7457

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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Malaysia							
Kuala Lumpur Seat of Government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 4.2297	MYR 3.9186	MYR 3.9781	MYR 3.9975
		S	USD 1 =	MYR 4.3546	MYR 4.0484	MYR 4.1099	MYR 4.1185
	MYR	B	EUR 1 =	MYR 4.7680	MYR 4.5560	MYR 4.5905	MYR 4.6674
		S	EUR 1 =	MYR 4.9557	MYR 4.7325	MYR 4.7683	MYR 4.8346
Maldives							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.40	MVR 15.41	MVR 15.40	MVR 15.41
		V, M	EUR 1 =	MVR 17.51518	MVR 18.02816	MVR 17.95332	MVR 18.08518
Mali 1							
Bamako 232	CFA franc XOF	V	USD 1 =	XOF 580.647	XOF 560.695	XOF 562.667	XOF 558.927
		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 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
Mauritania 1							
Nouakchott 228	Ouguiya = 5 khoums MRO / MRU	B	USD 1 =	MRO 355.54	MRU 35.46	MRU 35.56	MRU 35.65
		S	USD 1 =	MRO 359.10	MRU 35.82	MRU 35.92	MRU 36.01
	MRO / MRU	B	EUR 1 =	MRO 403.76	MRU 41.41	MRU 41.23	MRU 41.82
		S	EUR 1 =	MRO 407.81	MRU 41.82	MRU 41.64	MRU 42.23
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 33.9185	MUR 34.1317	MUR 34.3388	MUR 33.8253
		S	USD 1 =	MUR 35.2060	MUR 35.0314	MUR 35.2379	MUR 34.7243
	MUR	B	EUR 1 =	MUR 38.4576	MUR 39.7014	MUR 39.8875	MUR 39.4975
		S	EUR 1 =	MUR 39.9209	MUR 40.8310	MUR 41.0244	MUR 40.6320
Mexico							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 18.9464	MXN 19.9155	MXN 19.8660	MXN 18.6230
		S	USD 1 =	MXN 18.9525	MXN 19.9240	MXN 19.8730	MXN 18.6305
	MXN	V, B	EUR 1 =	MXN 21.4381	MXN 23.2991	MXN 23.1598	MXN 21.8560
		V, S	EUR 1 =	MXN 21.4449	MXN 23.3091	MXN 23.1679	MXN 21.8648
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 18.4407	MDL 16.9538	MDL 16.8430	MDL 16.5792
		M	EUR 1 =	MDL 20.8089	MDL 19.7096	MDL 19.5261	MDL 19.3662
Mongolia							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 2,434.27	MNT 2,409.80	MNT 2,462.82	MNT 2,463.25
		M	EUR 1 =	MNT 2,765.21	MNT 2,821.51	MNT 2,862.66	MNT 2,885.82

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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Morocco							
Rabat 204	Moroccan dirham = 100 centimes MAD	M	USD 1 =	MAD 9.6776	MAD 9.4849	MAD 9.5000	MAD 9.4216
		M	EUR 1 =	MAD 10.9408	MAD 11.0945	MAD 11.0694	MAD 11.0628
Mozambique							
Maputo 366	Metical = 100 centavos MZN	B	USD 1 =	MZN 62.69	MZN 59.38	MZN 58.74	MZN 57.57
		S	USD 1 =	MZN 63.59	MZN 60.53	MZN 59.90	MZN 58.72
		B	EUR 1 =	MZN 71.05	MZN 69.38	MZN 68.37	MZN 67.48
		S	EUR 1 =	MZN 72.10	MZN 70.73	MZN 69.72	MZN 68.82
Myanmar							
Nay Pyi Taw 676	Kyat = 100 pyas MMK	M	USD 1 =	MMK 1,361.00	MMK 1,355.00	MMK 1,405.00	MMK 1,429.00
		M	EUR 1 =	MMK 1,545.65	MMK 1,580.00	MMK 1,626.10	MMK 1,673.30
Namibia ¹							
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 13.2812	NAD 12.5138	NAD 13.7170	NAD 13.1552
		M	EUR 1 =	NAD 15.0846	NAD 14.6184	NAD 15.9792	NAD 15.4077
Nepal							
Kathmandu 672	Nepalese rupee = 100 paisa NPR	B	USD 1 =	NPR 103.63	NPR 107.59	NPR 109.25	NPR 109.58
		S	USD 1 =	NPR 104.23	NPR 108.19	NPR 109.85	NPR 110.18
		B	EUR 1 =	NPR 117.79	NPR 125.16	NPR 127.31	NPR 128.04
		S	EUR 1 =	NPR 118.47	NPR 125.86	NPR 128.01	NPR 128.74
Netherlands							
Amsterdam Seat of Government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
New Caledonia ¹							
Nouméa 809	CFP franc XPF	V	XPF 1,000 =	USD 9.47	USD 9.80	USD 9.77	USD 9.83
		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 NZD	B	NZD 1 =	USD 0.7262	USD 0.7133	USD 0.6924	USD 0.6965
		S	NZD 1 =	USD 0.7005	USD 0.6879	USD 0.6676	USD 0.6715
		B	NZD 1 =	EUR 0.6438	EUR 0.6128	EUR 0.5964	EUR 0.5971
		S	NZD 1 =	EUR 0.6162	EUR 0.5864	EUR 0.5706	EUR 0.5713

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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 30.1098	NIO 31.4187	NIO 31.5450	NIO 31.6760
		V, M	EUR 1 =	NIO 34.25529	NIO 36.75674	NIO 36.77516	NIO 37.17495
Niger 1							
Niamey 240	CFA franc XOF	V	USD 1 =	XOF 580.647	XOF 560.695	XOF 562.667	XOF 558.927
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Nigeria 1							
Abuja 288	Naira = 100 kobo NGN	B	USD 1 =	NGN 304.80	NGN 304.95	NGN 304.75	NGN 304.85
		S	USD 1 =	NGN 305.80	NGN 305.95	NGN 305.75	NGN 305.85
	B	EUR 1 =	NGN 344.9384	NGN 356.7915	NGN 355.2776	NGN 357.1013	
	S	EUR 1 =	NGN 346.0701	NGN 357.9615	NGN 356.4434	NGN 358.2727	
Norway							
Oslo 028	Norwegian krone = 100 øre NOK	B	USD 1 =	NOK 8.2324	NOK 8.1367	NOK 8.1127	NOK 8.0942
		S	USD 1 =	NOK 8.2974	NOK 8.2017	NOK 8.1777	NOK 8.1592
	B	EUR 1 =	NOK 9.3304	NOK 9.5101	NOK 9.4405	NOK 9.4905	
	S	EUR 1 =	NOK 9.4024	NOK 9.5821	NOK 9.5125	NOK 9.5625	
Oman							
Muscat 649	Rial Omani = 1,000 baisa OMR	3 B	USD 1 =	OMR 0.3840	OMR 0.3840	OMR 0.3840	OMR 0.3840
		3 S	USD 1 =	OMR 0.3850	OMR 0.3850	OMR 0.3850	OMR 0.3850
	B	EUR 1 =	OMR 0.4358688	OMR 0.4486656	OMR 0.4440960	OMR 0.4495872	
	S	EUR 1 =	OMR 0.4371226	OMR 0.4499110	OMR 0.4452910	OMR 0.4508350	
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa PKR	B	USD 1 =	PKR 105.31	PKR 115.50	PKR 121.40	PKR 124.00
		S	USD 1 =	PKR 105.51	PKR 115.70	PKR 121.60	PKR 124.20
	B	EUR 1 =	PKR 119.11	PKR 134.72	PKR 141.33	PKR 145.24	
	S	EUR 1 =	PKR 119.33	PKR 134.96	PKR 141.57	PKR 145.47	
Panama 1							
Panama City 442	Balboa = 100 centésimos PAB	4	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
		V	EUR 1 =	PAB 1.1297	PAB 1.1699	PAB 1.1658	PAB 1.1736
Papua New Guinea							
Port Moresby 801	Kina = 100 toea PGK	B	PGK 1 =	USD 0.3209	USD 0.3140	USD 0.3120	USD 0.3105
		S	PGK 1 =	USD 0.3059	USD 0.2990	USD 0.2970	USD 0.2955
	B	PGK 1 =	EUR 0.2814	EUR 0.2668	EUR 0.2670	EUR 0.2624	
	S	PGK 1 =	EUR 0.2666	EUR 0.2518	EUR 0.2520	EUR 0.2474	

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 Value against the US dollar. 4 Parity in relation to the 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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Paraguay							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 5,610.78	PYG 5,731.34	PYG 5,694.68	PYG 5,730.91
		S	USD 1 =	PYG 5,620.67	PYG 5,738.53	PYG 5,710.73	PYG 5,736.87
	PYG	V, B	EUR 1 =	PYG 6,335.38	PYG 6,705.09	PYG 6,638.86	PYG 6,725.80
		V, S	EUR 1 =	PYG 6,346.64	PYG 6,713.51	PYG 6,657.57	PYG 6,732.79
Peru							
Lima 504	Sol = 100 céntimos	B	USD 1 =	PEN 3.256	PEN 3.271	PEN 3.269	PEN 3.271
		S	USD 1 =	PEN 3.260	PEN 3.274	PEN 3.274	PEN 3.274
	PEN	B	EUR 1 =	PEN 3.592	PEN 3.584	PEN 3.740	PEN 3.717
		S	EUR 1 =	PEN 3.785	PEN 3.978	PEN 3.930	PEN 3.946
Philippines							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 49.83022	PHP 52.30	PHP 53.20	PHP 52.90
		S	USD 1 =	PHP 50.92312	PHP 52.80	PHP 53.70	PHP 53.40
	PHP	B	EUR 1 =	PHP 56.30315	PHP 59.34	PHP 59.92	PHP 60.2777
		S	EUR 1 =	PHP 58.50222	PHP 62.79	PHP 63.39	PHP 63.7727
Poland							
Warsaw 060	Polish zloty = 100 groszy PLN	M	USD 1 =	PLN 3.7782	PLN 3.7200	PLN 3.7440	PLN 3.6481
		M	EUR 1 =	PLN 4.2447	PLN 4.3195	PLN 4.3616	PLN 4.2779
Portugal							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
Qatar							
Doha 644	Qatari riyal = 100 dirham QAR	2	USD 1 =	QAR 3.6400	QAR 3.6400	QAR 3.6400	QAR 3.6400
		V, M	EUR 1 =	QAR 4.139	QAR 4.258	QAR 4.244	QAR 4.272
Romania							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 4.0517	RON 3.9734	RON 4.0033	RON 3.9487
		M	EUR 1 =	RON 4.5732	RON 4.6485	RON 4.6611	RON 4.6283
Russian Federation							
Moscow 075	Russian rouble = 100 kopecks RUB	M	USD 1 =	RUB 58.3063	RUB 62.5937	RUB 62.7565	RUB 62.7805
		M	EUR 1 =	RUB 66.0327	RUB 72.5211	RUB 72.9921	RUB 73.2021

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.

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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 823.772078	RWF 848.780625	RWF 851.252524	RWF 854.135733
		S	USD 1 =	RWF 840.245856	RWF 865.754523	RWF 868.275854	RWF 871.216723
	RWF	B	EUR 1 =	RWF 931.843275	RWF 990.976843	RWF 991.836878	RWF 1,000.620012
		S	EUR 1 =	RWF 950.478377	RWF 1,010.794378	RWF 1,011.671612	RWF 1,020.630391
Saint Helena, Ascension and Tristan da Cunha							
Jamestown 329	Saint Helena pound 2 = 100 pence SHP	V	USD 1 =	SHP 0.77602	SHP 0.74947	SHP 0.76004	SHP 0.76022
		V	EUR 1 =	SHP 0.87667	SHP 0.87680	SHP 0.88605	SHP 0.89220
Saint Kitts and Nevis							
Basseterre 449	East Caribbean dollar = 100 cents	3 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		3 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.0369	XCD 3.1449	XCD 3.1339	XCD 3.1549
		V, S	EUR 1 =	XCD 3.0693	XCD 3.1785	XCD 3.1674	XCD 3.1886
Saint Lucia							
Castries 465	East Caribbean dollar = 100 cents	3 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		3 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.0369	XCD 3.1449	XCD 3.1339	XCD 3.1549
		V, S	EUR 1 =	XCD 3.0693	XCD 3.1785	XCD 3.1674	XCD 3.1886
Saint Vincent and the Grenadines							
Kingstown 467	East Caribbean dollar = 100 cents	3 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		3 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.0369	XCD 3.1449	XCD 3.1339	XCD 3.1549
		V, S	EUR 1 =	XCD 3.0693	XCD 3.1785	XCD 3.1674	XCD 3.1886
Samoa							
Apia 819	Tala = 100 sene WST	M	WST 1 =	USD 0.39587	USD 0.39177	USD 0.38498	USD 0.38705
		M	WST 1 =	EUR 0.34869	EUR 0.33617	EUR 0.33316	EUR 0.33054
Sao Tome and Principe 1							
São Tomé 311	Dobra = 100 cêntimos	B	USD 1 =	STD 21,626.08	STN 21.0626	STN 21.1517	STN 20.9688
		S	USD 1 =	STD 21,950.48	STN 21.3785	STN 21.4690	STN 21.2834
	STD / STN	4	EUR 1 =	STD 24,500.00	STN 24.5000	STN 24.5000	STN 24.5000
Saudi Arabia							
Riyadh 632	Saudi riyal = 100 halalah	3 B	USD 1 =	SAR 3.7440	SAR 3.7440	SAR 3.7440	SAR 3.7440
		3 S	USD 1 =	SAR 3.7540	SAR 3.7540	SAR 3.7540	SAR 3.7540
	SAR	B	EUR 1 =	SAR 4.1457	SAR 4.2611	SAR 4.2298	SAR 4.2669
		S	EUR 1 =	SAR 4.4035	SAR 4.4838	SAR 4.5321	SAR 4.4891

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 pound sterling. 3 Value against the US dollar. 4 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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Senegal ¹							
Dakar 248	CFA franc	V	USD 1 =	XOF 580.647	XOF 560.695	XOF 562.667	XOF 558.927
	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 107.2310	RSD 100.9914	RSD 101.0329	RSD 100.4489
		S	USD 1 =	RSD 107.8764	RSD 101.5992	RSD 101.6409	RSD 101.0535
	RSD	B	EUR 1 =	RSD 120.9447	RSD 117.8065	RSD 117.7134	RSD 117.7061
		S	EUR 1 =	RSD 121.6725	RSD 118.5155	RSD 118.4218	RSD 118.4145
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 13.3550	SCR 13.5714	SCR 13.6638	SCR 13.7843
		S	USD 1 =	SCR 13.8521	SCR 14.0520	SCR 14.0205	SCR 14.0505
	SCR	B	EUR 1 =	SCR 15.3492	SCR 15.6584	SCR 15.8985	SCR 16.0580
		S	EUR 1 =	SCR 15.7331	SCR 16.2055	SCR 16.5458	SCR 16.4484
Sierra Leone							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 7,318.43	SLL 7,576.45	SLL 7,663.10	SLL 7,925.85
		S	USD 1 =	SLL 7,466.27	SLL 7,729.51	SLL 7,817.91	SLL 8,085.97
	SLL	B	EUR 1 =	SLL 8,256.54	SLL 8,780.16	SLL 8,911.83	SLL 9,300.60
		S	EUR 1 =	SLL 8,419.66	SLL 8,954.31	SLL 9,090.50	SLL 9,485.58
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.3783	SGD 1.3382	SGD 1.3650	SGD 1.3619
		M	EUR 1 =	SGD 1.5603	SGD 1.5614	SGD 1.5885	SGD 1.5944
Sint Maarten (southern part)							
Philipsburg 479	Netherlands Antillean guilder = 100 cent	³ B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		³ S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 202.47	ANG 208.37	ANG 207.63	ANG 209.08
		S	EUR 100 =	ANG 206.55	ANG 212.56	ANG 211.82	ANG 213.29
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents SBD	M	SBD 1 =	USD 0.1269	USD 0.1259	USD 0.1245	USD 0.1251
		M	SBD 1 =	EUR 0.1118	EUR 0.1085	EUR 0.1078	EUR 0.1071

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 Value against the 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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
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 13.1090	ZAR 12.4450	ZAR 13.6050	ZAR 12.9500
		S	USD 1 =	ZAR 13.4265	ZAR 12.7625	ZAR 13.9225	ZAR 13.2675
	ZAR	B	EUR 1 =	ZAR 14.8599	ZAR 14.4798	ZAR 15.8246	ZAR 15.1389
		S	EUR 1 =	ZAR 15.2931	ZAR 14.9166	ZAR 16.2603	ZAR 15.5738
South Sudan							
Juba 225	South Sudanese pound = 100 piastres	M	USD 1 =	SSP .	SSP 137.9746	SSP 140.1498	SSP 142.9856
		M	EUR 1 =	SSP .	SSP 159.2228	SSP 161.9504	SSP 166.5354
Spain							
Madrid 011	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.1699	USD 1.1658	USD 1.1736
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 150.64	LKR 156.3820	LKR 156.6716	LKR 157.9184
		S	USD 1 =	LKR 154.44	LKR 159.4762	LKR 159.7664	LKR 161.1150
	LKR	B	EUR 1 =	LKR 169.32	LKR 181.1794	LKR 180.7113	LKR 183.6612
		S	EUR 1 =	LKR 175.72	LKR 187.2078	LKR 186.7717	LKR 189.8923
Sudan							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 6.6943	SDG 17.9551	SDG 17.9551	SDG 17.9551
		S	USD 1 =	SDG 6.7277	SDG 18.0449	SDG 18.0449	SDG 18.0449
	SDG	B	EUR 1 =	SDG 7.5997	SDG 20.9448	SDG 20.7649	SDG 21.0333
		S	EUR 1 =	SDG 7.6377	SDG 21.0495	SDG 20.8687	SDG 21.1385
Suriname							
Paramaribo 492	Suriname dollar = 100 cent	B	USD 1 =	SRD 7.426	SRD 7.406	SRD 7.406	SRD 7.396
		S	USD 1 =	SRD 7.551	SRD 7.530	SRD 7.530	SRD 7.520
	SRD	B	EUR 1 =	SRD 8.418	SRD 8.604	SRD 8.568	SRD 8.631
		S	EUR 1 =	SRD 8.549	SRD 8.739	SRD 8.702	SRD 8.766
Swaziland ²							
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 8.4983	SEK 8.7362	SEK 8.9074	SEK 8.6996
		S	USD 1 =	SEK 8.5752	SEK 8.8412	SEK 9.0124	SEK 8.8046
	SEK	B	EUR 1 =	SEK 9.6147	SEK 10.2226	SEK 10.3638	SEK 10.2069
		S	EUR 1 =	SEK 9.6820	SEK 10.3376	SEK 10.4788	SEK 10.3219

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 New country name: Eswatini.

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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Switzerland							
Berne 039	Swiss franc = 100 rappen / centimes CHF	B	USD 1 =	CHF 0.9845	CHF 0.9872	CHF 0.9933	CHF 0.9878
		B	EUR 1 =	CHF 1.1159	CHF 1.1567	CHF 1.1571	CHF 1.1584
Syrian Arab Republic							
Damascus 608	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 500.80	SYP 434.00	SYP 434.00	SYP 434.00
		S	USD 1 =	SYP 505.62	SYP 438.34	SYP 438.34	SYP 438.34
		B	EUR 1 =	SYP 566.09	SYP 506.78	SYP 501.79	SYP 505.94
		S	EUR 1 =	SYP 571.52	SYP 511.85	SYP 506.81	SYP 511.00
Tajikistan							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 8.5691	TJS 9.0114	TJS 9.1574	TJS 9.4200
		M	EUR 1 =	TJS 9.7117	TJS 10.4929	TJS 10.6565	TJS 11.0157
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 2,219.2269	TZS 2,254.2673	TZS 2,255.1584	TZS 2,260.0297
		S	USD 1 =	TZS 2,241.4192	TZS 2,276.8100	TZS 2,277.7100	TZS 2,282.6300
		B	EUR 1 =	TZS 2,518.7227	TZS 2,619.6841	TZS 2,614.1796	TZS 2,642.6527
		S	EUR 1 =	TZS 2,544.4141	TZS 2,646.7916	TZS 2,641.2325	TZS 2,669.7640
Thailand							
Bangkok 680	Thai baht = 100 satang THB	B	USD 1 =	THB 33.7097	THB 31.8587	THB 33.0065	THB 33.1333
		S	USD 1 =	THB 34.0454	THB 32.1906	THB 33.3278	THB 33.4853
		B	EUR 1 =	THB 37.9823	THB 36.9583	THB 38.1371	THB 38.6192
		S	EUR 1 =	THB 38.7106	THB 37.6896	THB 38.8481	THB 39.3528
Togo ¹							
Lomé 280	CFA franc XOF	V	USD 1 =	XOF 580.647	XOF 560.695	XOF 562.667	XOF 558.927
		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 0.4536	USD 0.4475	USD 0.4398	USD 0.4417
		M	TOP 1 =	EUR 0.3994	EUR 0.3830	EUR 0.3794	EUR 0.3765
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.7186	TTD 6.7301	TTD 6.7470	TTD 6.7269
		S	USD 1 =	TTD 6.7697	TTD 6.7626	TTD 6.7568	TTD 6.7783
		B	EUR 1 =	TTD 7.5960	TTD 7.8269	TTD 7.7005	TTD 7.8453
		S	EUR 1 =	TTD 8.0842	TTD 8.3896	TTD 8.3502	TTD 8.4030

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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes	B S	USD 1 =	TND 2.3900	TND 2.5527	TND 2.6168	TND 2.6843
			USD 1 =	TND 2.3923	TND 2.5553	TND 2.6195	TND 2.6869
	TND	B S	EUR 1 =	TND 2.7074	TND 2.9867	TND 3.0448	TND 3.1501
			EUR 1 =	TND 2.7101	TND 2.9897	TND 3.0479	TND 3.1533
Turkey							
Ankara 052	Turkish lira = 100 kuruş	B S	USD 1 =	TRY 3.6476	TRY 4.4834	TRY 4.6083	TRY 4.8850
			USD 1 =	TRY 3.6542	TRY 4.4914	TRY 4.6166	TRY 4.8938
	TRY	B S	EUR 1 =	TRY 4.1462	TRY 5.2064	TRY 5.3310	TRY 5.7034
			EUR 1 =	TRY 4.1536	TRY 5.2158	TRY 5.3406	TRY 5.7137
Turkmenistan ¹							
Ashgabat 080	Turkmen manat = 100 tenge	2 M	USD 1 =	TMT 3.50	TMT 3.50	TMT 3.50	TMT 3.50
			EUR 1 =	TMT 3.9611	TMT 4.0600	TMT 4.0754	TMT 4.0891
Uganda							
Kampala 350	Uganda shilling	B S	USD 1 =	UGX 3,608.23	UGX 3,758.00	UGX 3,874.75	UGX 3,698.75
			USD 1 =	UGX 3,618.23	UGX 3,768.00	UGX 3,884.75	UGX 3,708.75
	UGX	B S	EUR 1 =	UGX 4,100.48	UGX 4,345.01	UGX 4,492.46	UGX 4,310.40
			EUR 1 =	UGX 4,111.84	UGX 4,356.57	UGX 4,504.06	UGX 4,322.05
Ukraine							
Kyiv 072	Hryvnia = 100 kopiyok	M M	USD 100 =	UAH 2,659.3613	UAH 2,613.5817	UAH 2,618.9170	UAH 2,675.5214
			EUR 100 =	UAH 3,005.3131	UAH 3,040.1182	UAH 3,056.7999	UAH 3,126.0792
United Arab Emirates ¹							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils	2 V, M	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
			EUR 1 =	AED 4.1758	AED 4.2965	AED 4.2814	AED 4.3100
United Kingdom ¹							
London 006	Pound sterling = 100 pence	M M	GBP 1 =	USD 1.2889	USD 1.3308	USD 1.3203	USD 1.3117
			EUR 1 =	GBP 0.8752	GBP 0.8772	GBP 0.8843	GBP 0.8920
United States							
Washington 400	US dollar = 100 cents	M M	EUR 1 =	USD 1.13912	USD 1.1690	USD 1.1683	USD 1.1691
			GBP 1 =	USD 1.28919	USD 1.3298	USD 1.3207	USD 1.3124

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.

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 2017	Rate at end of month		
					May 2018	June 2018	July 2018
Uruguay							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 28.654	UYU 31.192	UYU 31.466	UYU 30.553
		M	EUR 1 =	UYU 32.4147	UYU 36.4556	UYU 36.7130	UYU 35.7363
Uzbekistan							
Tashkent 081	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 5,178.37	UZS 7,982.25	UZS 7,871.66	UZS 7,791.88
		M	EUR 1 =	UZS 5,929.90	UZS 9,299.32	UZS 9,174.42	UZS 9,082.22
Vanuatu							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 107.34	VUV 108.33	VUV 108.33	VUV 108.33
		S	USD 1 =	VUV 113.30	VUV 114.33	VUV 114.33	VUV 114.33
		B	EUR 1 =	VUV 122.09	VUV 127.99	VUV 127.99	VUV 127.99
		S	EUR 1 =	VUV 126.89	VUV 133.02	VUV 133.02	VUV 133.02
Venezuela, Bolivarian Republic of ¹							
Caracas 484	Bolívar = 100 céntimos VEF	B	USD 1 =	VEF 3,011.2031 ²	VEF 79,800.000	VEF 114,712.50	VEF 172,368.00
		S	USD 1 =	VEF 3,018.7500 ²	VEF 80,000.000	VEF 115,000.00	VEF 172,800.00
		B	EUR 1 =	VEF 3,538.5111 ²	VEF 92,943.060	VEF 133,915.37	VEF 201,549.90
		S	EUR 1 =	VEF 3,548.2131 ²	VEF 93,192.000	VEF 134,262.50	VEF 202,072.32
Viet Nam							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 22,683	VND 22,765	VND 22,920	VND 23,245
		S	USD 1 =	VND 22,753	VND 22,835	VND 22,990	VND 23,325
		B	EUR 1 =	VND 25,686.74	VND 26,540.77	VND 26,625.10	VND 27,127.26
		S	EUR 1 =	VND 26,004.35	VND 26,777.42	VND 27,047.80	VND 27,393.81
Yemen							
Sana'a 653	Yemeni rial = 100 fils YER	B	USD 1 =	YER 250.00	YER 250.00	YER 250.00	YER 250.00
		S	USD 1 =	YER 250.50	YER 250.50	YER 250.50	YER 250.50
		B	EUR 1 =	YER 283.80	YER 292.16	YER 288.99	YER 292.88
		S	EUR 1 =	YER 284.37	YER 292.75	YER 289.57	YER 293.46
Zambia							
Lusaka 378	Kwacha = 100 ngwee ZMW	B	USD 1 =	ZMW 9.5295	ZMW 10.2945	ZMW 9.9264	ZMW 9.9393
		S	USD 1 =	ZMW 9.5789	ZMW 10.3442	ZMW 9.9764	ZMW 9.9893
		B	EUR 1 =	ZMW 10.8184	ZMW 12.0363	ZMW 11.5662	ZMW 11.6448
		S	EUR 1 =	ZMW 10.8767	ZMW 12.0986	ZMW 11.6285	ZMW 11.7084

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 Average from May to December 2017.

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	9.56608	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
2016	1.34433	1.27534	9.34283	157.018	1.09278	1.80503	1.36826	9.48128	11.5881	12.2295
2017	1.42413	1.18747	9.27343	160.785	1.05402	1.78837	1.38967	8.84056	11.6850	11.7238
2014 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	9.37937	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
Sep	1.39581	1.25062	9.31064	141.089	1.07693	1.83089	1.35980	9.31871	11.2387	12.0301
Oct	1.37385	1.25511	9.30085	143.979	1.12879	1.84137	1.35874	9.33724	11.3393	12.3613
Nov	1.35376	1.27293	9.32175	152.149	1.08718	1.81756	1.37312	9.47104	11.4806	12.4014
Dec	1.34433	1.27534	9.34283	157.018	1.09278	1.80503	1.36826	9.48128	11.5881	12.2295
2017 Jan	1.35883	1.26344	9.34798	154.363	1.09042	1.77055	1.34918	9.39655	11.2295	11.9779
Feb	1.35389	1.27762	9.30016	152.381	1.08834	1.79364	1.36080	9.49677	11.3315	12.2395
Mar	1.35685	1.26915	9.35008	152.035	1.08962	1.80596	1.35820	9.43984	11.6359	12.1213
Apr	1.37102	1.25437	9.45689	152.526	1.05940	1.87309	1.35759	9.33036	11.6961	12.1179
May	1.38432	1.23369	9.45340	153.590	1.07826	1.86883	1.34417	9.17835	11.6445	12.0657
June	1.39139	1.21923	9.43637	155.752	1.07207	1.80560	1.33406	9.06701	11.6696	11.7837
July	1.40775	1.20043	9.46925	155.627	1.07265	1.75757	1.36692	8.92698	11.1701	11.4494
Aug	1.41339	1.19526	9.32227	156.179	1.09769	1.77182	1.36463	8.89079	11.0907	11.2683
Sep	1.41330	1.19710	9.39576	159.222	1.05596	1.76379	1.37005	8.90916	11.2676	11.4598
Oct	1.40469	1.20698	9.31099	158.940	1.06263	1.81106	1.40216	8.98142	11.4951	11.7369
Nov	1.41542	1.19455	9.35209	158.527	1.05279	1.82419	1.39631	8.88936	11.7541	11.8326
Dec	1.42413	1.18747	9.27343	160.785	1.05402	1.78837	1.38967	8.84056	11.6850	11.7238
2018 Jan	1.45712	1.16972	9.17406	158.593	1.02897	1.79124	1.35950	8.70496	11.1849	11.4288
Feb	1.44589	1.18379	9.15466	155.173	1.04457	1.85204	1.36405	8.81516	11.3826	11.9372
Mar	1.45386	1.17983	9.12359	154.386	1.03379	1.87436	1.39087	8.76017	11.3360	12.1521
Apr	1.43806	1.19055	9.11835	157.195	1.04777	1.84590	1.42282	8.86965	11.5031	12.4786
May	1.41665	1.21092	9.06939	153.933	1.06307	1.83428	1.39710	9.01356	11.5491	12.4505
June	1.40657	1.20653	9.31828	155.356	1.07049	1.85217	1.39764	8.99167	11.4759	12.6027
July	1.40487	1.19706	9.59647	155.898	1.06728	1.82872	1.38822	8.91798	11.4126	12.2955

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
2018 May	1	1.43463	.	156.805	1.04760	1.84594	.	.	.	.
	2	1.43238	1.19295	157.318	1.04909	1.84075	1.42636	8.88605	11.5666	12.6427
	3	1.43154	1.19375	9.09902	1.05377	1.84125	1.42868	8.89300	11.5155	12.7340
	4	1.43106	1.19564	9.09298	1.05470	1.84049	1.42856	8.90654	11.5308	12.6304
	7	1.42840	1.20014	9.09107	1.05561	1.83750	1.43483	8.93935	11.5441	12.6250
	8	1.42709	1.20227	9.08711	1.05597	1.84994	1.43009	8.95728	11.5697	12.5958
	9	1.42666	1.20100	9.10258	1.05176	1.83412	1.42880	8.94686	11.5350	12.5756
	10	1.42775	1.20202	9.08909	1.05245	1.82396	.	.	.	.
	11	1.43081	1.19894	9.07680	1.05401	1.82843	1.42981	.	11.4409	12.3568
	14	1.43208	1.19459	9.07466	1.05362	1.82948	1.42976	8.90036	11.4267	12.2894
	15	1.42822	1.20190	9.07746	1.05489	1.83897	1.42910	8.95319	11.4989	12.3208
	16	1.42216	1.20685	9.05740	1.05556	1.82164	1.42413	8.98949	11.5515	12.3612
	17	1.42213	1.20468	9.05256	1.05397	1.82046	1.42490	8.97263	.	12.3708
	18	1.42092	1.20611	9.05592	1.05394	1.83014	1.42121	8.98352	11.5512	12.3961
	21	1.41858	1.20638	9.06742	1.05856	.	.	.	.	12.4350
	22	1.42235	1.20600	9.05838	1.05696	1.81862	1.41674	8.98198	11.4450	12.3366
	23	1.41801	1.21115	9.05953	1.06210	1.82583	1.40497	9.02242	11.5136	12.4017
	24	1.41900	1.20992	9.06257	1.05864	1.82923	1.40587	9.01348	11.4713	12.4192
	25	1.41819	1.21472	9.06323	1.06303	1.83996	1.40741	9.04789	11.5263	12.4025
	29	1.41084	1.22066	9.05223	1.06487	1.83691	1.40590	9.08521	11.6717	12.4930
	30	1.41418	1.21577	9.08141	1.06521	1.82387	1.40096	9.04920	11.6060	12.6064
	31	1.41665	1.21092	9.06939	1.06307	1.83428	1.39710	9.01356	11.5491	12.4505
June	1	1.41761	1.21485	9.09595	1.06395	1.83778	1.39712	9.04347	11.5803	12.4795
	4	1.41863	1.20868	9.09976	1.05979	1.83400	1.39700	8.99669	11.4861	12.4444
	5	1.41633	1.21313	9.06939	1.06013	1.84024	1.39608	.	11.5257	12.3912
	6	1.42025	1.20718	9.08133	1.05850	1.83396	1.40327	8.98578	11.4969	.
	7	1.42313	1.20238	9.09910	1.05781	1.84608	1.39659	8.95560	11.4242	12.3420
	8	1.41926	1.20747	9.09620	1.06002	1.83964	1.39634	8.99272	11.4812	12.3958
	11	1.42017	1.20455	9.09223	1.06360	1.84522	1.40185	8.97287	11.4449	12.3440
	12	1.42031	1.20488	9.09372	1.06065	1.84697	1.39787	8.97666	11.3783	12.2661
	13	1.41869	1.20596	9.08645	1.06436	1.84259	1.40153	8.98473	11.3810	12.2505
	14	1.42276	1.21293	9.09430	1.05923	1.85699	1.39936	9.03628	11.4340	12.2261
	15	1.41105	1.21684	9.05100	1.06166	1.85933	1.40815	9.06585	11.4772	12.3563
	18	1.41120	1.21519	.	1.06489	1.86391	1.40421	9.05313	11.4641	12.4725
	19	1.40760	1.22039	9.10266	1.05033	1.86871	1.40155	9.09554	11.5809	12.5600
	20	1.40788	1.21599	9.10614	1.05495	1.87262	1.40471	9.06224	11.5146	12.5376
	21	1.40622	1.21877	9.14027	1.05499	1.86677	1.40101	9.08232	11.4872	12.4962
	22	1.41149	1.21178	9.17322	1.06155	1.87841	1.39772	9.03098	11.4305	.
	25	1.41105	1.20602	9.22007	1.06454	1.87712	1.39475	8.98699	11.4214	12.5560
	26	1.41088	1.20877	9.24522	1.06554	1.87731	1.39599	9.00666	11.4493	12.4633
	27	1.40836	1.21243	9.28867	1.06629	1.87410	1.39631	9.03351	11.4920	12.5122
	28	1.40492	1.21292	9.30856	1.07262	1.86391	1.40014	9.03726	11.4911	12.6347
	29	1.40657	1.20653	9.31828	1.07049	1.85217	1.39764	8.99167	11.4759	12.6027
July	2	1.40571	1.20776	9.35655	1.06784	.	1.39545	8.99823	11.4755	12.6373
	3	1.40638	1.20564	9.37163	1.06649	1.84995	1.39709	8.98271	11.4119	12.5456
	5	1.40886	1.20323	9.35708	1.06373	1.84970	1.39823	8.96491	11.3597	12.3225
	6	1.40934	1.20210	9.37295	1.06482	1.84694	1.39926	8.95905	11.3508	12.3498
	9	1.41378	1.19924	9.35935	1.06036	1.85163	1.39660	8.93839	11.2989	12.3053
	10	1.40883	1.20279	9.32210	1.06467	1.84909	1.40206	8.96507	11.3237	12.3029
	11	1.40803	1.19985	9.36830	1.06306	1.85169	1.40035	8.94374	11.3336	12.3614
	12	1.40462	1.20486	9.36645	1.06427	1.84932	1.40273	8.98271	11.3790	12.3677
	13	1.40199	1.20415	9.36654	1.06798	1.84656	1.41026	8.97747	11.4189	12.4811
	16	1.40769	1.20110	9.42143	1.06017	1.84928	1.40551	8.95407	11.3853	12.4707
	17	1.40688	1.20174	9.39373	1.06260	1.85525	1.39914	8.95776	11.4015	12.3872
	18	1.39979	1.20557	9.39426	1.07424	1.84829	1.39993	8.98683	11.4558	12.4152
	19	1.39743	1.20593	9.44805	1.07611	1.85230	1.40044	8.98868	11.5484	12.4354
	20	1.40023	1.19986	9.49623	1.07429	.	1.39750	8.94134	11.5072	12.4824
	23	1.40519	1.19938	9.52689	1.06911	1.84867	1.39367	8.93647	11.4580	12.4214
	24	1.40500	1.20024	9.57130	1.06970	1.84856	1.39481	8.94222	11.4749	12.4466
	25	1.40518	1.20204	9.53234	1.06773	1.83910	1.39380	8.95680	11.4777	12.3809
	26	1.40588	1.19997	9.52853	1.06704	1.83678	1.39590	8.94182	11.4543	12.3051
	27	1.40054	1.20476	9.54299	1.06923	1.82938	1.39647	8.97545	11.4883	12.3355
	30	1.40326	1.20101	9.57671	1.07034	1.82719	1.39281	8.94662	11.4445	12.3399
	31	1.40487	1.19706	9.59647	1.06728	1.82872	1.38822	8.91798	11.4126	12.2955
Aug	1	1.40310	1.19964	9.54900	1.06870	1.82431	.	8.93903	11.4422	12.3451
	2	1.39980	1.20496	9.55630	1.06777	1.82170	1.39105	8.97876	11.5026	12.3678
	3	1.39645	1.20509	9.62223	1.07395	1.81302	1.38975	8.98101	11.4977	12.4533
	6	1.39494	1.20848	9.54180	1.07838	.	1.39187	9.00560	11.5199	12.4345
	7	1.39832	1.20524	9.56617	1.07853	1.82103	1.39084	8.98142	11.4501	12.4850
	8	1.39732	1.20573	9.53525	1.08648	1.82378	1.39180	8.98674	11.4910	12.4431

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 2017

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	Kosovo Montenegro San Marino		Kiribati Nauru ² Tuvalu			
Currency board	Djibouti Hong Kong ECCU ³ 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 Turkmenistan United Arab Emirates	Cabo Verde Comoros Denmark ⁵ Sao Tome and Principe WAEMU ⁶ Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo CAEMC ⁷ Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon	Fiji Kuwait Libya Morocco	Bhutan Eswatini Lesotho Namibia Nepal			Samoa ⁴ Solomon Islands ⁴
Stabilised arrangement	Angola Guyana Lebanon Maldives Trinidad and Tobago ^{11 12}	Croatia Macedonia, former Yugoslav Republic of	Singapore Viet Nam ⁸		Bangladesh ⁸ Bolivia, Plurinational State of ⁸ China ^{4 11 12} Malawi ⁸ Nigeria ⁸ Papua New Guinea ⁸ Tajikistan ⁸ Tanzania, United Republic of ⁸ Yemen ⁸	Czechia ⁹ Serbia ⁹	Kenya ^{8 10 11} Lao People's Democratic Republic ⁸ Pakistan ^{8 11} Sudan ⁸
Crawling peg	Honduras Nicaragua		Botswana				
Crawl-like arrangement			Iran, Islamic Republic of ⁸		Burundi ⁸ Ethiopia ⁸ Rwanda ^{8 11} Uzbekistan ⁸	Dominican Republic ⁸	Costa Rica ^{8 10} Jamaica ^{8 10} Mauritania ^{8 11} Sri Lanka ^{8 10}

VI Global exchange rate arrangements and monetary policy framework *

As of end-April 2017

Exchange rate arrangement	Monetary Policy Framework					Monetary aggregate target	Inflation-targeting framework	Other ¹
	Exchange rate target				Other			
	US dollar	Euro	Exchange rate anchor Composite					
Pegged exchange rate within horizontal bands								Tonga ⁴
Other managed arrangement	Cambodia Liberia Zimbabwe		Syrian Arab Republic			Algeria Belarus Congo, Democratic Republic of the ⁸ Gambia Guinea Myanmar Sierra Leone ¹¹ Suriname		Azerbaijan Haiti Kyrgyzstan South Sudan Vanuatu Venezuela, Bolivarian Republic of
Floating						Afghanistan Madagascar Seychelles	Albania Argentina Armenia Brazil Colombia Georgia Ghana Guatemala Hungary Iceland India Indonesia Israel Kazakhstan Korea, Republic of Moldova, Republic of New Zealand Paraguay Peru Philippines Romania South Africa Thailand Turkey Uganda Ukraine Uruguay	Egypt Malaysia Mauritius Mongolia ¹⁰ Mozambique ¹⁰ Switzerland Tunisia ¹⁰ Zambia
Free floating							Australia Canada Chile Japan Mexico Norway Poland Russian Federation Sweden United Kingdom	Somalia ¹³ United States Euro area 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 2017, 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 IMF-member since 12 April 2016. ³ The members participate in the Eastern Caribbean Currency Union. ⁴ The country maintains a de facto exchange rate anchor to a composite. ⁵ The member participates in the ERM II. ⁶ The members participate in the West African Economic and Monetary Union. ⁷ The members participate in the Central African Economic and Monetary Community.

⁸ The country maintains a de facto exchange rate anchor to the US dollar. ⁹ The country maintains a de facto exchange rate anchor to the euro. ¹⁰ The central bank has taken preliminary steps toward inflation targeting. ¹¹ The exchange rate arrangement or monetary policy framework was reclassified retroactively, overriding a previously published classification. ¹² The exchange rate arrangement was reclassified twice during this reporting period. ¹³ Currently the Central Bank of Somalia does not have a monetary policy framework.

VII ISO currency codes *

As of end-July 2018

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
AFN	Afghani	Afghanistan	CUP	Cuban peso	Cuba	GNF	Guinean franc	Guinea
ALL	Albanian lek	Albania	CVE	Cabo Verde escudo	Cabo Verde	GTQ	Quetzal	Guatemala
AMD	Armenian dram	Armenia	CZK	Czech koruna	Czechia	GYD	Guyana dollar	Guyana
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
AWG	Aruban florin	Aruba	EGP	Egyptian pound	Egypt	HUF	Hungarian forint	Hungary
AZN	Azerbaijan manat	Azerbaijan	ERN	Nakfa	Eritrea	IDR	Indonesian rupiah	Indonesia
BAM	Convertible marka	Bosnia and Herzegovina	ETB	Birr	Ethiopia	ILS	New Israeli sheqel	Israel
BBD	Barbados dollar	Barbados	EUR	Euro	Austria Belgium Cyprus Estonia Finland France Germany Greece Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain	INR	Indian rupee	India Bhutan
BDT	Taka	Bangladesh			Åland Islands Andorra (French) Guiana Guadeloupe Martinique Mayotte Monaco Montenegro Réunion Saint Pierre and Miquelon Saint Barthélemy Saint Martin (northern part) San Marino Vatican City	IQD	Iraqi dinar	Iraq
BGN	Bulgarian lev	Bulgaria				IRR	Iranian rial	Iran, Islamic Republic of
BHD	Bahraini dinar	Bahrain				ISK	Icelandic krona	Iceland
BIF	Burundi franc	Burundi				JMD	Jamaican dollar	Jamaica
BMD	Bermudian dollar	Bermuda				JOD	Jordanian dinar	Jordan
BND	Brunei dollar	Brunei Darussalam				JPY	Japanese yen	Japan
BOB	Boliviano	Bolivia, Plurinational State of				KES	Kenya shilling	Kenya
BRL	Brazilian real	Brazil				KGS	Kyrgyz som	Kyrgyzstan
BSD	Bahamian dollar	Bahamas				KHR	Riel	Cambodia
BTN	Ngultrum	Bhutan				KMF	Comorian franc	Comoros
BWP	Pula	Botswana				KPW	North Korean won	Korea, Democratic People's Republic of
BYN	Belarusian rouble	Belarus				KRW	South Korean won	Korea, Republic of
BZD	Belize dollar	Belize				KWD	Kuwaiti dinar	Kuwait
CAD	Canadian dollar	Canada	FJD	Fiji dollar	Fiji	KYD	Cayman Islands dollar	Cayman Islands
CDF	Congo franc	Congo, Democratic Republic of the	FKP	Falkland Islands pound	Falkland Islands (Islas Malvinas)	KZT	Tenge	Kazakhstan
CHF	Swiss franc	Switzerland Liechtenstein	GBP	Pound sterling	United Kingdom Guernsey Isle of Man Jersey	LAK	Kip	Lao People's Democratic Republic
CLP	Chilean peso	Chile				LBP	Lebanese pound	Lebanon
CNY	Chinese renminbi	China				LKR	Sri Lanka rupee	Sri Lanka
COP	Colombian peso	Colombia	GEL	Lari	Georgia	LRD	Liberian dollar	Liberia
CRC	Costa Rican colón	Costa Rica	GHS	Ghana cedi	Ghana	LSL	Loti	Lesotho
			GIP	Gibraltar pound	Gibraltar	LYD	Libyan dinar	Libya

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

■ 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 the euro area, 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 2017, 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 2017, pp 41-43).

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°

Figures in %

As of August 2017

Trading partner	Calculation period for weights ¹											
	EER-19						EER-38					
	1995 to 1997	1998 to 2000	2004 to 2006	2007 to 2009	2010 to 2012	2013 to 2015	1995 to 1997	1998 to 2000	2004 to 2006	2007 to 2009	2010 to 2012	2013 to 2015
	Period of use of weights											
	Up to end of 1997	1998 to 2000	2004 to 2006	2007 to 2009	2010 to 2012	From 2013	Up to end of 1997	1998 to 2000	2004 to 2006	2007 to 2009	2010 to 2012	From 2013
EER-38 group							100	100	100	100	100	100
EER-19 group	100	100	100	100	100	100						
Australia	0.90	0.84	0.91	0.89	0.95	0.81	0.73	0.68	0.73	0.72	0.75	0.65
Bulgaria	0.33	0.37	0.55	0.64	0.62	0.67	0.27	0.30	0.44	0.51	0.49	0.54
Canada	1.77	1.92	1.79	1.65	1.53	1.49	1.43	1.57	1.44	1.32	1.21	1.20
China	5.69	6.76	14.22	18.69	22.47	23.28	4.59	5.52	11.45	14.99	17.85	18.74
Croatia	0.68	0.55	0.66	0.64	0.47	0.45	0.55	0.45	0.53	0.51	0.37	0.36
Czechia	2.75	2.95	4.23	5.09	5.19	5.14	2.21	2.41	3.41	4.08	4.12	4.14
Denmark	3.27	2.92	2.77	2.67	2.19	2.07	2.63	2.39	2.23	2.14	1.74	1.67
Hong Kong	2.60	2.23	1.93	1.70	1.80	1.91	2.10	1.82	1.56	1.36	1.43	1.54
Hungary	1.90	2.65	3.20	3.19	2.86	3.02	1.53	2.17	2.57	2.56	2.27	2.43
Japan	10.49	9.59	7.42	6.63	6.25	5.06	8.45	7.83	5.98	5.32	4.96	4.07
Korea, Republic of	3.59	3.17	3.88	3.93	3.91	3.80	2.89	2.59	3.12	3.15	3.10	3.05
Norway	1.60	1.43	1.32	1.34	1.19	1.08	1.29	1.17	1.06	1.07	0.95	0.87
Poland	2.95	3.42	4.93	6.28	6.44	6.86	2.38	2.79	3.97	5.04	5.11	5.52
Romania	0.89	0.99	1.73	1.97	2.09	2.27	0.72	0.81	1.40	1.58	1.66	1.83
Singapore	2.41	2.05	1.81	1.52	1.61	1.45	1.94	1.67	1.46	1.22	1.28	1.16
Sweden	6.05	5.42	5.17	4.89	4.54	4.17	4.87	4.43	4.16	3.92	3.61	3.36
Switzerland	8.27	7.34	6.68	6.63	6.94	6.65	6.66	5.99	5.38	5.32	5.51	5.35
United Kingdom	23.21	21.87	17.81	14.97	13.05	12.93	18.70	17.86	14.34	12.00	10.37	10.40
United States	20.64	23.50	18.99	16.68	15.91	16.89	16.63	19.19	15.29	13.37	12.63	13.60
Additional countries in the EER-38 group												
Algeria							0.31	0.28	0.35	0.38	0.40	0.44
Argentina							0.58	0.50	0.27	0.30	0.38	0.31
Brazil							1.57	1.43	1.27	1.40	1.47	1.26
Chile							0.35	0.32	0.43	0.42	0.42	0.33
China (Taiwan)							2.37	2.44	1.92	1.52	1.51	1.42
Iceland							0.05	0.06	0.08	0.09	0.08	0.06
India							1.54	1.44	1.85	2.22	2.53	2.40
Indonesia							1.04	0.83	0.62	0.62	0.69	0.68
Israel							1.06	1.02	0.73	0.68	0.69	0.71
Malaysia							1.24	1.19	1.15	1.06	1.02	0.97
Mexico							0.89	1.22	1.20	1.21	1.34	1.44
Morocco							0.64	0.63	0.62	0.59	0.59	0.64
New Zealand							0.13	0.11	0.13	0.11	0.10	0.12
Philippines							0.40	0.52	0.42	0.30	0.29	0.34
Russian Federation							2.58	1.90	3.04	3.51	3.49	3.00
South Africa							0.98	0.93	1.06	0.96	0.99	0.85
Thailand							1.26	1.04	1.07	1.12	1.13	1.12
Turkey							2.19	2.24	3.09	3.18	3.31	3.35
Venezuela, Bolivarian Republic of							0.26	0.23	0.16	0.15	0.15	0.09

° 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. ¹ Selected calculation periods; for a comprehensive overview, see http://www.bundesbank.de/Navigation/EN/Statistics/External_sector/Effective_exchange_rates_of_the_euro/effective_exchange_rates_of_the_euro.html?nsc=true

■ 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

With the introduction of the Chinese renminbi on 1 October 2016, the value of an SDR (ISO code XDR) is defined as the sum of the values of fixed amounts of five 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. In the most recently concluded review (November 2015), the Executive Board of the IMF decided that the Chinese renminbi will be included in the SDR basket as the fifth currency. With effect from 1 October 2016, the SDR basket comprises the five fixed currency amounts shown in column (a). These were fixed on 30 September 2016 on the basis of the average exchange rates in the London spot exchange market in the

third quarter of 2016 and of the initial new percentage weights (column (b)) such that, on 30 September 2016, the new SDR value corresponded with the value calculated on the basis of the old basket (see <http://www.imf.org/external/np/pp/eng/2016/093016.pdf>).

	(a)	(b)
US dollar	0.58252	41.73
Euro	0.38671	30.93
Chinese yuan renminbi	1.0174	10.92
Japanese yen	11.900	8.33
Pound sterling	0.085946	8.09

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.

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.

The formula adopted by the IMF for determining currency weights for the SDR basket 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 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 2017 (see Table VI, pp 46-47) is based on the IMF's *Annual Report on Exchange Arrangements and Exchange Restrictions 2017*, 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 ar-

rangements 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

It is understood that there is a considerably different, black market rate alongside the official, published exchange rate.

Bangladesh

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

Benin

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

Bhutan

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

Brunei Darussalam

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

Burkina Faso

See Explanatory notes on Benin.

Cameroon

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

Central African Republic

See Explanatory notes on Cameroon.

Chad

See Explanatory notes on Cameroon.

Congo

See Explanatory notes on Cameroon.

Cook Islands

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

Côte d'Ivoire

See Explanatory notes on Benin.

Cuba

Alongside the convertible peso (CUC), which is primarily intended for use by foreigners, there is the Cuban peso (CUP), which is generally used to pay wages and salaries.

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

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

The government foreign exchange 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.

Eswatini

The Federal Foreign Office has changed the name of Swaziland to Eswatini in its List of country names for official use in the Federal Republic of Germany (updated 28 June 2018).

The South African rand is likewise legal tender alongside the lilangeni (convertible at par).

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

The unified exchange rate system adopted in April 2018 with a fixed exchange rate against the US dollar has since been abandoned. The exchange rate, which can be used by importers upon request, is still being set by the Iranian central bank, but is now valid only for basic goods (eg rice). In addition, there is another exchange rate for strategic products (eg animal feed, soy) that are imported solely on behalf of the government. This exchange rate is 38,000 rials to the US dollar. At the beginning of July, a new system was additionally introduced which creates a market rate, of sorts, between importers and exporters (predominantly companies in the oil, gas, condensates, and petrochemical products sectors). Settlement takes place via foreign exchange bureaus. According to the German Embassy in Tehran, the rates being quoted by those exchange bureaus were 110,020 rials to the US dollar and 128,200 rials to the euro at the end of July 2018.

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

Iraq

The official exchange rate applies only to foreign exchange transactions between the central bank and domestic and foreign commercial banks, public sector institutions, money transfer institutions and foreign exchange bureaux.

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 (convertible at par).

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.

Mauritania

With effect from 1 January 2018, a currency changeover took place at the ratio of 10 (old) ouguiya (MRO) = 1 (new) ouguiya (MRU); the (old) ouguiya remained legal tender in this ratio until the end of June 2018.

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

Namibia

The South African rand is likewise legal tender alongside the Namibia dollar (convertible at par).

New Caledonia

CFP was originally the abbreviation for “Colonies Françaises du Pacifique” and is still used as a currency symbol (in connection with the franc).

Niger

See Explanatory notes on Benin.

Nigeria

Alongside the official published reference exchange rates, there are bureau de change rates, which deviate. According to financial information providers, the exchange rate was around 360 naira to the US dollar at the end of July 2018.

Panama

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

Sao Tome and Principe

With effect from 1 January 2018, a currency changeover took place at the ratio of 1,000 (old) dobra (STD) = 1 (new) dobra (STN); the (old) dobra remained legal tender in this ratio until the end of June 2018.

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

Senegal

See Explanatory notes on Benin.

Singapore

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

Somalia

No exchange rates are available for the Somali shilling.

Togo

See Explanatory notes on Benin.

Turkmenistan

It is understood that there is a considerably different, black market rate alongside the official, published exchange rate.

United Arab Emirates

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

United Kingdom

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

Venezuela, Bolivarian Republic of

Alongside the official, published exchange rates a black market is still in existence and according to financial information providers, the exchange rate for the US dollar was more than 3,500,000 bolívar at the end of July 2018.