

Exchange rate statistics June 2018

Statistical Supplement 5
to the Monthly Report

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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	Data unknown, not to be published or not meaningful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 European Economic and Monetary Union

From	Country	Currency	ISO currency code	EUR 1 = CU ...	Council Regulation (EU) No ¹	
1999 January 1	Austria	Austrian schilling	ATS	13.7603	2866/98	
	Belgium	Belgian franc	BEF	40.3399	2866/98	
	Finland	Finnish markka	FIM	5.94573	2866/98	
	France	French franc	FRF	6.55957	2866/98	
	Germany	Deutsche Mark	DEM	1.95583	2866/98	
	Ireland	Irish pound	IEP	0.787564	2866/98	
	Italy	Italian lira	ITL	1,936.27	2866/98	
	Luxembourg	Luxembourg franc	LUF	40.3399	2866/98	
	Netherlands	Dutch guilder	NLG	2.20371	2866/98	
	Portugal	Portuguese escudo	PTE	200.482	2866/98	
	Spain	Spanish peseta	ESP	166.386	2866/98	
	2001 January 1	Greece	Greek drachma	GRD	340.750	1478/2000
	2007 January 1	Slovenia	Slovenian tolar	SIT	239.640	1086/2006
2008 January 1	Cyprus	Cyprus pound	CYP	0.585274	1135/2007	
	Malta	Maltese lira	MTL	0.429300	1134/2007	
2009 January 1	Slovakia	Slovak koruna	SKK	30.1260	694/2008	
2011 January 1	Estonia	Estonian kroon	EEK	15.6466	671/2010	
2014 January 1	Latvia	Latvian lats	LVL	0.702804	870/2013	
2015 January 1	Lithuania	Lithuanian litas	LTL	3.45280	851/2014	

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

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

Country Currency ISO currency code	Type of rate	EUR 1 = CU ...						
		From ... 1 Jan 1999	17 Jan 2000	28 June 2004	2 May 2005	28 Nov 2005	19 Mar 2007	29 May 2008
Denmark Danish krone DKK	Upper rate	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824
	Central rate	¹ 7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038
	Lower rate	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252
Greece Greek drachma GRD	Upper rate	406.075	391.863	–	–	–	–	–
	Central rate	¹ 353.109	² 340.750	–	–	–	–	–
	Lower rate	300.143	289.638	–	–	–	–	–
Estonia Estonian kroon EEK	Upper rate	–	–	17.9936	17.9936	17.9936	17.9936	17.9936
	Central rate	–	–	15.6466	15.6466	15.6466	15.6466	³ 15.6466
	Lower rate	–	–	13.2996	13.2996	13.2996	13.2996	13.2996
Lithuania Lithuanian litas LTL	Upper rate	–	–	3.97072	3.97072	3.97072	3.97072	3.97072
	Central rate	–	–	3.45280	3.45280	3.45280	3.45280	⁴ 3.45280
	Lower rate	–	–	2.93488	2.93488	2.93488	2.93488	2.93488
Slovenia Slovenian tolar SIT	Upper rate	–	–	275.586	275.586	275.586	–	–
	Central rate	–	–	239.640	239.640	⁵ 239.640	–	–
	Lower rate	–	–	203.694	203.694	203.694	–	–
Cyprus Cyprus pound CYP	Upper rate	–	–	–	0.673065	0.673065	0.673065	–
	Central rate	–	–	–	0.585274	0.585274	⁶ 0.585274	–
	Lower rate	–	–	–	0.497483	0.497483	0.497483	–
Latvia Latvian lats LVL	Upper rate	–	–	–	0.808225	0.808225	0.808225	0.808225
	Central rate	–	–	–	0.702804	0.702804	0.702804	⁷ 0.702804
	Lower rate	–	–	–	0.597383	0.597383	0.597383	0.597383
Malta Maltese lira MTL	Upper rate	–	–	–	0.493695	0.493695	0.493695	–
	Central rate	–	–	–	0.429300	0.429300	⁶ 0.429300	–
	Lower rate	–	–	–	0.364905	0.364905	0.364905	–
Slovakia Slovak koruna SKK	Upper rate	–	–	–	–	44.2233	40.7588	34.6449
	Central rate	–	–	–	–	38.4550	35.4424	⁸ 30.1260
	Lower rate	–	–	–	–	32.6868	30.1260	25.6071

Source: ECB. * One prerequisite before an EU member state can join the 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 Mar	1	1.9558	7.4480	25.434	7.4470	313.78	4.1853	4.6573	10.1185
	2	1.9558	7.4445	25.409	7.4479	313.88	4.1944	4.6595	10.1643
	5	1.9558	7.4303	25.404	7.4468	313.76	4.1909	4.6618	10.1683
	6	1.9558	7.4275	25.380	7.4494	313.11	4.1815	4.6598	10.1835
	7	1.9558	7.4280	25.421	7.4502	311.74	4.1939	4.6605	10.2383
	8	1.9558	7.4365	25.427	7.4505	312.02	4.2042	4.6588	10.2173
	9	1.9558	7.4355	25.454	7.4494	311.93	4.2018	4.6570	10.1648
	12	1.9558	7.4450	25.448	7.4496	311.89	4.2013	4.6618	10.1563
	13	1.9558	7.4412	25.471	7.4486	311.91	4.2119	4.6619	10.1568
	14	1.9558	7.4428	25.447	7.4493	311.63	4.2023	4.6625	10.1255
	15	1.9558	7.4438	25.416	7.4487	311.07	4.2122	4.6653	10.0943
	16	1.9558	7.4308	25.415	7.4486	311.04	4.2173	4.6655	10.0795
	19	1.9558	7.4295	25.432	7.4484	310.98	4.2171	4.6677	10.0838
	20	1.9558	7.4423	25.423	7.4485	311.13	4.2277	4.6663	10.0563
	21	1.9558	7.4400	25.422	7.4486	311.43	4.2364	4.6678	10.0883
	22	1.9558	7.4435	25.399	7.4484	311.66	4.2217	4.6675	10.1200
	23	1.9558	7.4398	25.405	7.4478	312.90	4.2262	4.6630	10.1943
	26	1.9558	7.4420	25.446	7.4482	312.73	4.2300	4.6593	10.1868
	27	1.9558	7.4408	25.473	7.4489	312.85	4.2196	4.6558	10.2156
	28	1.9558	7.4428	25.462	7.4513	312.51	4.2072	4.6525	10.2800
	29	1.9558	7.4323	25.425	7.4530	312.13	4.2106	4.6565	10.2843
Apr	3	1.9558	7.4320	25.367	7.4492	312.24	4.2087	4.6610	10.2968
	4	1.9558	7.4324	25.340	7.4499	311.67	4.2035	4.6600	10.3175
	5	1.9558	7.4320	25.327	7.4472	310.96	4.2041	4.6623	10.3140
	6	1.9558	7.4240	25.339	7.4474	312.56	4.1983	4.6636	10.2983
	9	1.9558	7.4320	25.357	7.4469	312.10	4.1952	4.6634	10.2960
	10	1.9558	7.4295	25.335	7.4468	311.82	4.1930	4.6620	10.2855
	11	1.9558	7.4260	25.323	7.4449	311.74	4.1915	4.6627	10.2863
	12	1.9558	7.4213	25.316	7.4451	311.40	4.1844	4.6615	10.3723
	13	1.9558	7.4165	25.307	7.4467	311.13	4.1763	4.6603	10.3798
	16	1.9558	7.4128	25.265	7.4473	310.30	4.1627	4.6508	10.4045
	17	1.9558	7.4135	25.254	7.4474	310.84	4.1602	4.6468	10.3913
	18	1.9558	7.4178	25.303	7.4478	310.16	4.1697	4.6539	10.4033
	19	1.9558	7.4120	25.327	7.4478	310.37	4.1664	4.6570	10.3778
	20	1.9558	7.4110	25.340	7.4477	310.52	4.1677	4.6586	10.3703
	23	1.9558	7.4153	25.408	7.4477	311.38	4.1893	4.6577	10.3763
	24	1.9558	7.4194	25.437	7.4478	312.83	4.1996	4.6530	10.3775
	25	1.9558	7.4185	25.466	7.4489	313.20	4.2241	4.6453	10.4220
	26	1.9558	7.4226	25.472	7.4509	312.80	4.2360	4.6538	10.4478
	27	1.9558	7.4195	25.471	7.4501	312.84	4.2161	4.6615	10.5178
	30	1.9558	7.4100	25.542	7.4501	313.55	4.2264	4.6614	10.4993
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

* 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	
0.88520	1.5746	3.9740	1.5654	7.7290	9.5263	123.70	79.3245	2018 Mar 1	
0.89320	1.5885	4.0096	1.5858	7.8121	9.6397	123.90	80.3205	2	
0.89070	1.5887	4.0096	1.5914	7.8030	9.6398	123.70	80.1275	5	
0.89165	1.5840	3.9927	1.5993	7.8538	9.7218	123.70	80.5845	6	
0.89513	1.5909	4.0094	1.6056	7.8484	9.7295	123.70	80.5780	7	
0.89465	1.5912	4.0261	1.6044	7.8696	9.7356	123.50	80.8980	8	
0.88893	1.5772	4.0100	1.5848	7.7895	9.6370	122.90	80.1315	9	
0.88590	1.5641	4.0087	1.5782	7.7886	9.6447	123.10	79.9785	12	
0.88650	1.5683	4.0142	1.5890	7.8265	9.7031	123.10	80.2840	13	
0.88630	1.5644	4.0244	1.5993	7.8089	9.6978	123.10	80.1975	14	
0.88480	1.5735	4.0579	1.6025	7.7966	9.6773	123.10	80.1550	15	
0.88253	1.5860	4.0464	1.6087	7.7810	9.6476	122.70	79.8670	16	
0.87593	1.5994	4.0567	1.6105	7.7944	9.6537	122.50	80.2455	19	
0.87715	1.5934	4.0410	1.6040	7.7744	9.6295	122.50	80.0370	20	
0.87403	1.5994	4.0552	1.5947	7.7770	9.6397	122.70	80.1170	21	
0.87200	1.5974	4.0666	1.5889	7.8016	9.6641	122.70	80.1830	22	
0.87285	1.5978	4.0726	1.5868	7.7975	9.6889	122.10	80.2550	23	
0.87248	1.6048	4.0932	1.5997	7.7924	9.7384	121.90	80.5105	26	
0.87940	1.6070	4.1051	1.5949	7.7730	9.7113	121.70	80.4130	27	
0.87605	1.6132	4.1264	1.5974	7.7971	9.7295	121.50	80.8005	28	
0.87490	1.6036	4.0938	1.5895	7.7468	9.6696	121.50	80.2960	29	
0.87523	1.5994	4.0742	1.5818	7.7351	9.6602	121.50	80.0140	Apr 3	
0.87573	1.5978	4.1316	1.5756	7.7409	9.6355	121.50	79.9540	4	
0.87395	1.5940	4.0452	1.5659	7.7302	9.6232	121.50	79.6010	5	
0.87295	1.5934	4.1111	1.5650	7.7138	9.6014	121.30	79.4810	6	
0.87088	1.6050	4.1490	1.5726	7.7686	9.6576	121.30	79.9545	9	
0.87183	1.5976	4.2060	1.5645	7.7741	9.7030	121.90	80.3375	10	
0.87360	1.5980	4.2333	1.5625	7.7815	9.7212	121.60	80.8735	11	
0.86745	1.5893	4.1482	1.5517	7.7452	9.6734	122.00	80.4170	12	
0.86400	1.5801	4.1979	1.5482	7.7363	9.6687	121.60	80.3160	13	
0.86465	1.5928	4.2300	1.5596	7.7726	9.7104	122.00	81.0175	16	
0.86280	1.5910	4.2158	1.5511	7.7639	9.7001	122.60	81.1080	17	
0.87105	1.5953	4.2047	1.5572	7.7826	9.7245	123.30	81.3460	18	
0.86975	1.5892	4.1925	1.5606	7.7717	9.7182	123.30	81.4580	19	
0.87608	1.5983	4.1892	1.5557	7.7449	9.6568	123.30	81.3900	20	
0.87640	1.6010	4.1981	1.5649	7.7208	9.5974	123.20	81.2845	23	
0.87468	1.6038	4.2085	1.5662	7.7012	9.5829	123.25	81.0765	24	
0.87380	1.6118	4.2705	1.5704	7.7048	9.5625	123.00	81.6095	25	
0.87100	1.6070	4.2322	1.5618	7.6962	9.5493	123.00	81.2240	26	
0.87700	1.5975	4.1992	1.5549	7.6517	9.4731	122.60	80.4645	27	
0.87960	1.6013	4.1932	1.5542	7.6574	9.4801	122.20	80.1685	30	
0.88040	1.5987	4.2293	1.5401	7.6353	9.4250	122.20	80.0455	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	

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	Mar	1	16,800.16	4.2397	129.98	1,323.49	4.7814	23.0364	1.6866	9.6600	
		2	16,963.47	4.2508	129.77	1,334.84	4.8267	23.3041	1.7014	9.6178	
		5	16,937.51	4.2580	130.02	1,328.69	4.8059	23.2587	1.7026	9.6335	
		6	17,030.37	4.2905	131.84	1,316.92	4.8322	23.1660	1.6985	9.6130	
		7	17,082.07	4.2978	131.41	1,327.71	4.8472	23.4057	1.7063	9.6775	
		8	17,114.90	4.2852	131.83	1,331.33	4.8523	23.2184	1.7102	9.7135	
		9	16,976.78	4.2345	131.31	1,315.51	4.8105	22.8810	1.6931	9.5948	
		12	16,937.39	4.2372	131.04	1,312.16	4.8033	22.9816	1.6854	9.5645	
		13	16,973.95	4.2554	132.31	1,316.84	4.8192	22.9180	1.6842	9.5808	
		14	16,981.40	4.2434	131.77	1,313.97	4.8202	22.9785	1.6853	9.5728	
		15	16,977.51	4.2412	130.90	1,314.61	4.8321	23.0643	1.6915	9.5078	
		16	16,926.64	4.2491	130.21	1,313.43	4.8079	23.0385	1.7002	9.4910	
		19	16,958.11	4.2680	130.65	1,321.16	4.8184	23.1871	1.7066	9.5205	
		20	16,893.01	4.2741	130.72	1,314.93	4.8091	23.0086	1.7039	9.4863	
		21	16,909.37	4.2931	130.50	1,317.22	4.8153	22.7879	1.7158	9.5028	
		22	16,937.58	4.2959	129.75	1,330.52	4.8190	22.7765	1.7031	9.5308	
		23	16,993.03	4.2984	129.74	1,330.30	4.8365	22.8804	1.7024	9.5715	
		26	17,045.27	4.3317	130.47	1,336.99	4.8425	22.8777	1.7029	9.5613	
		27	17,004.62	4.3212	131.04	1,328.86	4.7971	22.7905	1.7041	9.5603	
		28	17,057.99	4.3353	131.60	1,321.47	4.7820	22.7725	1.7075	9.6423	
		29	16,933.98	4.3262	131.15	1,310.89	4.7658	22.5249	1.7098	9.6770	
	Apr		3	16,935.95	4.3400	130.76	1,297.87	4.7702	22.3936	1.6964	9.6338
			4	16,899.76	4.3493	130.43	1,306.45	4.7609	22.5200	1.6850	9.6345
			5	16,884.17	4.3349	131.26	1,299.41	4.7431	22.1790	1.6799	9.5875
			6	16,850.50	4.3262	131.32	1,310.95	4.7363	22.3317	1.6884	9.5860
			9	16,958.23	4.3397	131.66	1,316.69	4.7641	22.5884	1.6871	9.5883
			10	16,997.61	4.3312	132.28	1,319.50	4.7831	22.5778	1.6806	9.6470
			11	17,046.58	4.3549	132.26	1,324.61	4.7982	22.6527	1.6812	9.6213
			12	16,968.15	4.3322	132.04	1,319.86	4.7770	22.3815	1.6700	9.5973
		13	16,939.57	4.3316	132.64	1,316.26	4.7714	22.3162	1.6703	9.5643	
		16	17,039.98	4.3327	132.77	1,328.33	4.8057	22.3399	1.6853	9.5950	
		17	17,021.77	4.3548	132.35	1,320.61	4.8058	22.2075	1.6837	9.5980	
		18	17,055.80	4.3566	132.82	1,319.56	4.8171	22.2671	1.6912	9.6095	
		19	17,070.75	4.3437	132.88	1,314.38	4.8085	22.4668	1.6938	9.5825	
		20	17,142.74	4.3435	132.41	1,316.26	4.7924	22.7424	1.7032	9.6050	
		23	17,059.77	4.3308	132.38	1,318.33	4.7636	22.9000	1.7052	9.6258	
		24	16,941.10	4.3450	132.92	1,314.66	4.7698	22.9992	1.7134	9.6290	
		25	16,961.52	4.3776	133.03	1,320.61	4.7712	23.2194	1.7232	9.7050	
	26	16,886.75	4.3507	132.87	1,310.55	4.7652	22.8454	1.7194	9.6735		
	27	16,723.29	4.3376	131.95	1,291.82	4.7231	22.6929	1.7116	9.6590		
	30	16,796.15	4.3378	132.12	1,292.04	4.7409	22.5977	1.7145	9.6620		
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	

* 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	
63.239	69.1788	1.6150	14.5200	1.1519	38.424	4.6435	1.2171	2018 Mar 1
64.033	70.3851	1.6261	14.7068	1.1512	38.770	4.6998	1.2312	2
63.953	70.2980	1.6238	14.6176	1.1549	38.669	4.6939	1.2307	5
64.360	69.8699	1.6325	14.5449	1.1626	38.871	4.7013	1.2411	6
64.571	70.6046	1.6323	14.7815	1.1673	38.878	4.7152	1.2417	7
64.646	70.6686	1.6339	14.7670	1.1731	38.921	4.7326	1.2421	8
64.102	70.1112	1.6204	14.6257	1.1695	38.538	4.6939	1.2291	9
64.070	70.0482	1.6172	14.5763	1.1681	38.542	4.7212	1.2302	12
64.291	70.3046	1.6224	14.5787	1.1690	38.632	4.7822	1.2378	13
64.330	70.4935	1.6193	14.5494	1.1704	38.505	4.7924	1.2369	14
64.226	70.6343	1.6182	14.6322	1.1689	38.461	4.8097	1.2341	15
63.909	70.8949	1.6182	14.6899	1.1702	38.379	4.8147	1.2301	16
64.174	71.3661	1.6223	14.8916	1.1717	38.416	4.8584	1.2309	19
63.926	70.8466	1.6174	14.6788	1.1721	38.301	4.8238	1.2276	20
64.037	70.6217	1.6197	14.7273	1.1709	38.345	4.8352	1.2286	21
64.544	70.3200	1.6207	14.5724	1.1671	38.512	4.8372	1.2316	22
64.640	70.5388	1.6216	14.5204	1.1703	38.495	4.8880	1.2346	23
64.820	70.6897	1.6274	14.4937	1.1739	38.660	4.9464	1.2411	26
64.955	70.8200	1.6208	14.4598	1.1764	38.650	4.9429	1.2376	27
64.873	71.3252	1.6214	14.5029	1.1801	38.744	4.9561	1.2398	28
64.374	70.8897	1.6158	14.6210	1.1779	38.478	4.8976	1.2321	29
64.034	70.8835	1.6114	14.5517	1.1775	38.376	4.8967	1.2308	Apr 3
64.022	70.9668	1.6136	14.6328	1.1776	38.363	4.9262	1.2276	4
63.830	70.6251	1.6113	14.6219	1.1796	38.331	4.9543	1.2260	5
63.690	70.8270	1.6138	14.7757	1.1798	38.280	4.9644	1.2234	6
63.999	74.1130	1.6158	14.9162	1.1790	38.475	5.0018	1.2304	9
64.236	77.4609	1.6202	14.9028	1.1792	38.603	5.0622	1.2361	10
64.379	80.0075	1.6204	14.9678	1.1855	38.601	5.1832	1.2384	11
64.102	75.8954	1.6155	14.7838	1.1876	38.448	5.0473	1.2323	12
63.969	76.2186	1.6158	14.8457	1.1854	38.367	5.0411	1.2317	13
64.387	76.9420	1.6221	14.9467	1.1878	38.644	5.0816	1.2370	16
64.594	76.3214	1.6192	14.8492	1.1908	38.566	5.0734	1.2357	17
64.458	76.1846	1.6236	14.8175	1.1979	38.688	5.0710	1.2388	18
64.432	75.2875	1.6208	14.7813	1.1976	38.644	4.9838	1.2382	19
64.179	75.7375	1.6172	14.8008	1.1970	38.552	4.9803	1.2309	20
64.073	75.6527	1.6188	14.9600	1.1941	38.537	5.0079	1.2238	23
63.747	75.2566	1.6154	15.0663	1.1944	38.410	4.9985	1.2213	24
63.773	75.7073	1.6199	15.2415	1.1986	38.486	5.0008	1.2185	25
63.269	76.5029	1.6141	15.0737	1.1976	38.396	4.9531	1.2168	26
62.392	75.4175	1.6005	14.9637	1.1960	38.117	4.8882	1.2070	27
62.452	75.9587	1.6016	15.0121	1.1968	38.145	4.8896	1.2079	30
62.301	76.4000	1.6025	15.1336	1.1957	38.092	4.9813	1.2007	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

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 Apr	1.9558	7.6076	25.841	7.4553	298.67	4.1359	4.3780	8.4449	0.85076	1.2539
May	1.9558	7.5684	25.888	7.4536	292.38	4.1799	4.3360	8.5725	0.84914	1.3133
June	1.9558	7.4901	25.759	7.4576	295.70	4.2839	4.4803	8.6836	0.85191	1.3978
July	1.9558	7.5061	25.944	7.4579	294.90	4.2745	4.4244	8.6609	0.86192	1.4279
Aug	1.9558	7.5372	25.818	7.4580	299.46	4.2299	4.4371	8.7034	0.85904	1.4742
Sep	1.9558	7.5985	25.789	7.4579	299.75	4.2371	4.4633	8.6758	0.84171	1.4379
Oct	1.9558	7.6193	25.662	7.4592	294.76	4.1902	4.4444	8.7479	0.84720	1.4328
Nov	1.9558	7.6326	26.927	7.4587	297.68	4.1887	4.4452	8.8802	0.83780	1.4473
Dec	1.9558	7.6365	27.521	7.4602	300.24	4.1760	4.4635	8.9597	0.83639	1.5243
2014 Jan	1.9558	7.6353	27.485	7.4614	302.48	4.1799	4.5205	8.8339	0.82674	1.5377
Feb	1.9558	7.6574	27.444	7.4622	310.20	4.1741	4.4918	8.8721	0.82510	1.5222
Mar	1.9558	7.6576	27.395	7.4638	311.49	4.1987	4.4933	8.8666	0.83170	1.5217
Apr	1.9558	7.6267	27.450	7.4656	307.37	4.1853	4.4620	9.0329	0.82520	1.4831
May	1.9558	7.5952	27.437	7.4641	304.58	4.1800	4.4237	9.0298	0.81535	1.4755
June	1.9558	7.5770	27.450	7.4588	305.87	4.1352	4.3930	9.0914	0.80409	1.4517
July	1.9558	7.6146	27.458	7.4564	309.81	4.1444	4.4098	9.2327	0.79310	1.4420
Aug	1.9558	7.6326	27.816	7.4551	313.91	4.1919	4.4252	9.1878	0.79730	1.4306
Sep	1.9558	7.6236	27.599	7.4449	313.20	4.1899	4.4095	9.1929	0.79113	1.4246
Oct	1.9558	7.6573	27.588	7.4448	307.85	4.2066	4.4153	9.1797	0.78861	1.4436
Nov	1.9558	7.6700	27.667	7.4415	306.89	4.2121	4.4288	9.2384	0.79054	1.4432
Dec	1.9558	7.6682	27.640	7.4402	310.83	4.2155	4.4583	9.4043	0.78830	1.4928
2015 Jan	1.9558	7.6883	27.895	7.4406	316.50	4.2783	4.4874	9.4167	0.76680	1.4390
Feb	1.9558	7.7114	27.608	7.4501	306.88	4.1760	4.4334	9.4901	0.74051	1.4568
Mar	1.9558	7.6467	27.379	7.4593	303.45	4.1259	4.4339	9.2449	0.72358	1.4008
Apr	1.9558	7.5896	27.439	7.4655	299.43	4.0180	4.4155	9.3254	0.72116	1.3939
May	1.9558	7.5591	27.397	7.4612	306.33	4.0811	4.4477	9.3037	0.72124	1.4123
June	1.9558	7.5719	27.307	7.4603	311.96	4.1586	4.4671	9.2722	0.72078	1.4530
July	1.9558	7.5863	27.094	7.4616	311.53	4.1524	4.4391	9.3860	0.70685	1.4844
Aug	1.9558	7.5578	27.041	7.4627	311.61	4.1953	4.4235	9.5155	0.71423	1.5269
Sep	1.9558	7.5890	27.089	7.4610	313.14	4.2176	4.4236	9.3924	0.73129	1.5900
Oct	1.9558	7.6208	27.105	7.4601	311.27	4.2508	4.4227	9.3485	0.73287	1.5586
Nov	1.9558	7.6074	27.039	7.4602	312.27	4.2494	4.4453	9.3133	0.70658	1.5011
Dec	1.9558	7.6397	27.027	7.4612	314.40	4.2900	4.5033	9.2451	0.72595	1.5009
2016 Jan	1.9558	7.6582	27.027	7.4619	314.68	4.4074	4.5311	9.2826	0.75459	1.5510
Feb	1.9558	7.6355	27.040	7.4628	310.37	4.3970	4.4814	9.4105	0.77559	1.5556
Mar	1.9558	7.5593	27.051	7.4569	311.15	4.2932	4.4666	9.2848	0.78020	1.4823
Apr	1.9558	7.4947	27.031	7.4427	311.46	4.3106	4.4724	9.2027	0.79230	1.4802
May	1.9558	7.4979	27.026	7.4386	314.58	4.4039	4.4991	9.2948	0.77779	1.5461
June	1.9558	7.5204	27.061	7.4371	313.98	4.3996	4.5230	9.3338	0.79049	1.5173
July	1.9558	7.4930	27.042	7.4390	314.35	4.3964	4.4856	9.4742	0.84106	1.4694
Aug	1.9558	7.4866	27.025	7.4408	310.21	4.3005	4.4591	9.4913	0.85521	1.4690
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

* 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				
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				Period
2.6060	1.3268	8.0564	10.1110	–	70.7738	12,664.51	4.7164	127.54	1,460.89	3.9686			2013	Apr
2.6414	1.3257	7.9715	10.0766	–	71.4760	12,673.13	4.7223	131.13	1,444.56	3.9200				May
2.8613	1.3596	8.0905	10.2349	–	77.0284	13,033.31	4.7865	128.40	1,498.33	4.1488				June
2.9438	1.3619	8.0234	10.1455	–	78.1762	13,189.17	4.7153	130.39	1,473.35	4.1746				July
3.1170	1.3853	8.1477	10.3223	–	83.9480	14,168.72	4.7610	130.34	1,485.93	4.3631				Aug
3.0345	1.3817	8.1690	10.3504	–	85.2678	15,073.16	4.7636	132.41	1,446.60	4.3410				Sep
2.9860	1.4128	8.3226	10.5724	–	84.0071	15,109.54	4.8232	133.32	1,454.73	4.3283				Oct
3.0959	1.4145	8.2221	10.4604	–	84.4990	15,575.06	4.7711	134.97	1,434.06	4.3176				Nov
3.2133	1.4580	8.3248	10.6254	–	84.7631	16,455.73	4.8019	141.68	1,446.99	4.4517				Dec
3.2437	1.4884	8.2368	10.5586	–	84.5099	16,471.94	4.7569	141.47	1,453.94	4.5005			2014	Jan
3.2581	1.5094	8.3062	10.6012	–	84.9503	16,270.18	4.8043	139.35	1,462.51	4.5194				Feb
3.2187	1.5352	8.5332	10.7283	–	84.2990	15,785.89	4.8087	141.48	1,479.99	4.5361				Mar
3.0864	1.5181	8.5984	10.7107	–	83.3624	15,801.66	4.8010	141.62	1,441.28	4.4989				Apr
3.0512	1.4951	8.5658	10.6456	–	81.4318	15,830.12	4.7600	139.74	1,407.13	4.4337				May
3.0388	1.4728	8.4698	10.5365	–	81.2046	16,167.87	4.6966	138.72	1,385.45	4.3760				June
3.0109	1.4524	8.3940	10.4935	–	81.3058	15,789.65	4.6325	137.72	1,382.29	4.3100				July
3.0219	1.4548	8.1965	10.3207	–	81.0709	15,603.10	4.6569	137.11	1,364.17	4.2310				Aug
3.0089	1.4196	7.9207	10.0019	–	78.5676	15,362.85	4.6896	138.39	1,336.02	4.1522				Sep
3.1018	1.4214	7.7635	9.8309	–	77.7896	15,389.80	4.7249	136.85	1,345.25	4.1436				Oct
3.1829	1.4136	7.6411	9.6716	–	76.9566	15,177.15	4.7783	145.03	1,370.36	4.1747				Nov
3.2499	1.4216	7.6330	9.5626	–	77.3781	15,351.19	4.8503	147.06	1,359.97	4.2903				Dec
3.0639	1.4039	7.2269	9.0102	–	72.2141	14,617.69	4.5856	137.47	1,266.19	4.1648			2015	Jan
3.1977	1.4199	7.0960	8.8020	–	70.4356	14,504.28	4.4192	134.69	1,250.50	4.0822				Feb
3.3997	1.3661	6.7623	8.4081	–	67.7387	14,152.16	4.3325	130.41	1,205.92	3.9889				Mar
3.2800	1.3313	6.6863	8.3550	–	67.6432	13,950.49	4.2456	128.94	1,170.32	3.9118				Apr
3.4105	1.3568	6.9165	8.6436	–	71.1153	14,650.36	4.3086	134.75	1,220.20	4.0191				May
3.4941	1.3854	6.9587	8.6935	–	71.5873	14,919.43	4.2891	138.74	1,248.79	4.1949				June
3.5405	1.4124	6.8269	8.5236	–	69.9960	14,720.40	4.1679	135.68	1,260.75	4.1824				July
3.9118	1.4637	7.0626	8.6358	–	72.5361	15,370.92	4.2836	137.12	1,313.48	4.5297				Aug
4.3666	1.4882	7.1462	8.6966	–	74.2990	16,175.76	4.3917	134.85	1,329.94	4.8286				Sep
4.3599	1.4685	7.1346	8.7073	–	73.1116	15,482.55	4.3414	134.84	1,286.06	4.7818				Oct
4.0601	1.4248	6.8398	8.3211	–	71.0406	14,685.99	4.1760	131.60	1,239.19	4.6328				Nov
4.2145	1.4904	7.0193	8.4307	–	72.3851	15,087.43	4.2199	132.36	1,277.56	4.6615				Dec
4.4021	1.5447	7.1393	8.4509	–	73.2036	15,069.76	4.2903	128.32	1,307.56	4.7162			2016	Jan
4.3953	1.5317	7.2658	8.6333	–	75.7172	14,985.33	4.3336	127.35	1,349.77	4.6411				Feb
4.1195	1.4697	7.2220	8.6152	–	74.3018	14,629.58	4.2927	125.39	1,314.89	4.5167				Mar
4.0374	1.4559	7.3461	8.7954	–	75.3823	14,932.22	4.2812	124.29	1,300.58	4.4232				Apr
3.9983	1.4626	7.3864	8.7815	–	75.7016	15,188.82	4.3115	123.21	1,329.46	4.5755				May
3.8570	1.4477	7.4023	8.7162	–	75.5592	14,969.03	4.3323	118.45	1,310.59	4.5760				June
3.6263	1.4428	7.3910	8.5858	–	74.3738	14,520.91	4.2686	115.25	1,264.05	4.4471				July
3.5983	1.4557	7.4537	8.6961	–	75.0303	14,757.31	4.2559	113.49	1,245.55	4.5141				Aug
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

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 Apr	15.8895	1.5348	7.5444	53.649	40.7995	1.6120	11.8592	1.2199	37.857	2.3406	1.3026
May	15.9776	1.5774	7.5589	53.693	40.6842	1.6219	12.1798	1.2418	38.667	2.3739	1.2982
June	17.0716	1.6682	7.7394	56.658	42.6490	1.6613	13.2088	1.2322	40.664	2.5028	1.3189
July	16.6893	1.6590	7.8837	56.698	42.8590	1.6595	12.9674	1.2366	40.714	2.5274	1.3080
Aug	17.1996	1.6829	7.9386	58.471	43.9748	1.6941	13.4190	1.2338	42.072	2.6125	1.3310
Sep	17.4471	1.6406	7.9725	58.346	43.5144	1.6860	13.3287	1.2338	42.312	2.6952	1.3348
Oct	17.7413	1.6351	8.1208	58.809	43.7440	1.6956	13.5283	1.2316	42.549	2.7095	1.3635
Nov	17.6340	1.6327	8.2055	58.811	44.1581	1.6833	13.7626	1.2316	42.695	2.7316	1.3493
Dec	17.8278	1.6659	8.4053	60.552	45.0628	1.7244	14.2234	1.2245	44.323	2.8276	1.3704
2014 Jan	17.9964	1.6450	8.3927	61.263	46.0304	1.7327	14.8242	1.2317	44.822	3.0297	1.3610
Feb	18.1561	1.6466	8.3562	61.238	48.2554	1.7295	14.9820	1.2212	44.568	3.0184	1.3659
Mar	18.2447	1.6199	8.2906	61.901	49.9477	1.7513	14.8613	1.2177	44.765	3.0629	1.3823
Apr	18.0485	1.6049	8.2506	61.646	49.2978	1.7345	14.5815	1.2189	44.657	2.9393	1.3813
May	17.7620	1.5957	8.1513	60.258	47.8403	1.7189	14.2995	1.2204	44.686	2.8736	1.3732
June	17.6516	1.5769	8.2149	59.543	46.7509	1.7008	14.5094	1.2181	44.195	2.8808	1.3592
July	17.5834	1.5578	8.3880	58.844	46.9984	1.6825	14.4366	1.2150	43.470	2.8699	1.3539
Aug	17.5051	1.5783	8.2522	58.320	48.1781	1.6622	14.2052	1.2118	42.644	2.8784	1.3316
Sep	17.0717	1.5841	8.1798	57.033	49.0519	1.6295	14.1578	1.2076	41.536	2.8543	1.2901
Oct	17.0713	1.6090	8.3136	56.807	51.9380	1.6154	14.0266	1.2078	41.139	2.8577	1.2673
Nov	16.9850	1.5928	8.4912	56.101	57.5193	1.6173	13.8359	1.2027	40.908	2.7885	1.2472
Dec	17.8692	1.5874	8.9802	55.092	70.3269	1.6213	14.1582	1.2026	40.564	2.8304	1.2331
2015 Jan	17.0782	1.5213	8.9320	51.791	75.0459	1.5545	13.4598	1.0940	38.056	2.7153	1.1621
Feb	16.9310	1.5236	8.6188	50.174	73.0742	1.5382	13.1532	1.0618	36.963	2.7958	1.1350
Mar	16.4941	1.4506	8.6434	48.227	65.1401	1.4913	13.0756	1.0608	35.355	2.8077	1.0838
Apr	16.4288	1.4217	8.5057	47.863	56.7415	1.4539	12.9588	1.0379	35.072	2.8743	1.0779
May	17.0378	1.5112	8.4103	49.741	56.3735	1.4882	13.3506	1.0391	37.408	2.9491	1.1150
June	17.3467	1.6046	8.7550	50.508	61.2390	1.5091	13.7965	1.0455	37.818	3.0299	1.1213
July	17.5297	1.6542	8.9357	49.814	63.2077	1.4972	13.6973	1.0492	37.760	2.9705	1.0996
Aug	18.4333	1.7001	9.1815	51.536	73.3597	1.5573	14.3821	1.0777	39.465	3.1826	1.1139
Sep	18.8821	1.7714	9.3075	52.456	74.8040	1.5879	15.3065	1.0913	40.426	3.3835	1.1221
Oct	18.6216	1.6794	9.2892	52.070	70.9490	1.5731	15.1579	1.0882	40.092	3.2887	1.1235
Nov	17.8605	1.6365	9.2572	50.537	69.7899	1.5181	15.1743	1.0833	38.432	3.0849	1.0736
Dec	18.5500	1.6133	9.4642	51.337	76.3576	1.5321	16.3210	1.0827	39.162	3.1800	1.0877
2016 Jan	19.6039	1.6654	9.5899	51.654	83.8638	1.5561	17.7592	1.0941	39.249	3.2713	1.0860
Feb	20.4826	1.6732	9.5628	52.816	85.6158	1.5596	17.4987	1.1018	39.507	3.2638	1.1093
Mar	19.5943	1.6481	9.4300	51.722	77.9394	1.5247	17.1222	1.0920	39.089	3.2072	1.1100
Apr	19.8402	1.6458	9.3224	52.598	75.4333	1.5308	16.5695	1.0930	39.780	3.2135	1.1339
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

* 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	Croatia	Cyprus	Czechia	Denmark	Estonia	Hungary	Latvia	Lithuania
	Bulgarian lev BGN	Kuna HRK 1	Cyprus pound CYP 2	Czech koruna CZK	Danish krone DKK	Estonian kroon EEK 2	Hungarian forint HUF	Latvian lats LVL 2	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

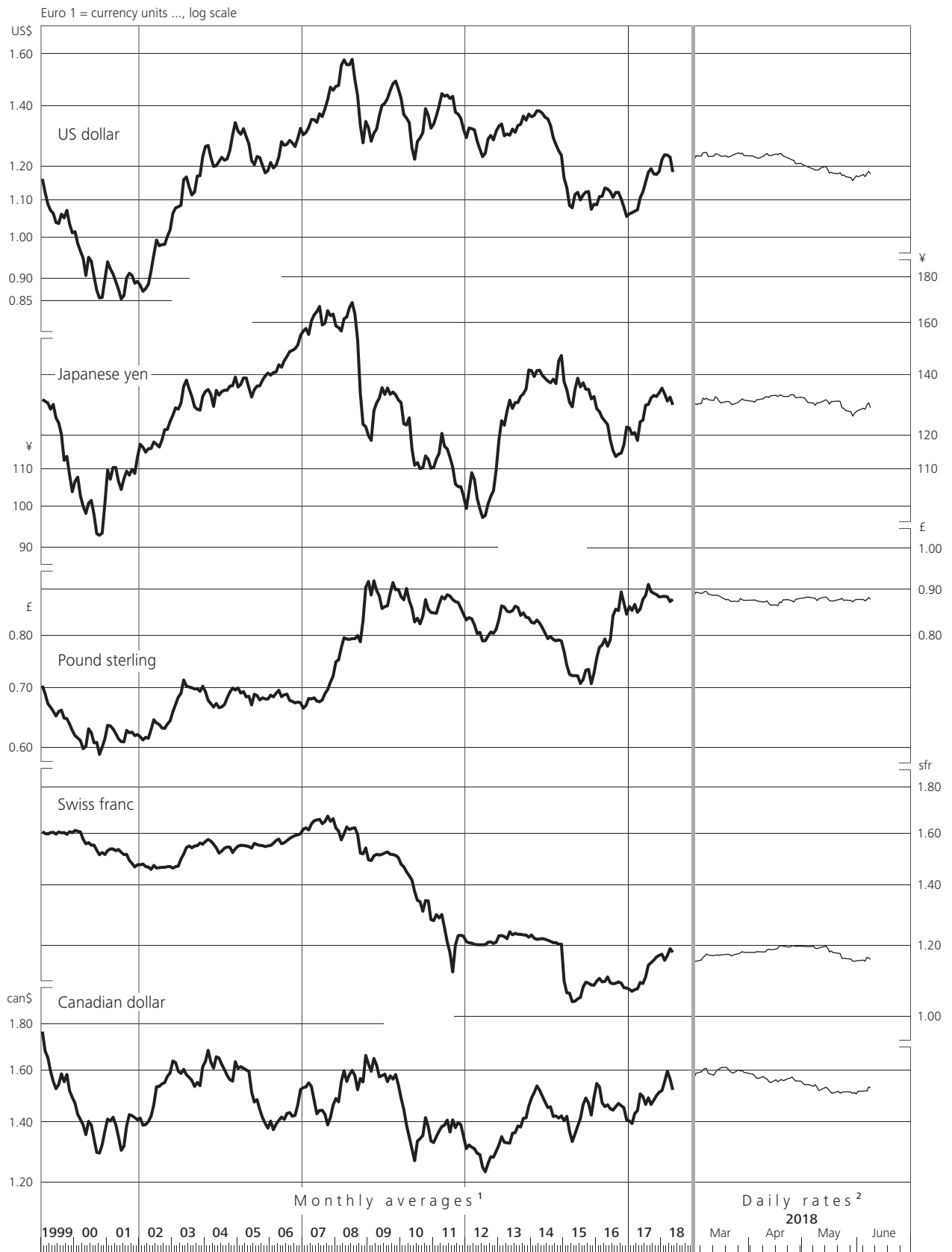
Other European and non-European countries (cont'd)										
Period	New Zealand New Zealand dollar NZD	Norway Norwegian krone NOK	Philippines Philippine peso PHP ¹	Russian Federation Russian rouble RUB ¹	Singapore Singapore dollar SGD	South Africa South African rand ZAR	Switzerland Swiss franc CHF	Thailand 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 has not fixed a euro foreign exchange reference rate for the Icelandic krona since 4 December 2008. ³ Up to December

2008, ECB indicative rates. ⁴ Up to December 2010, ECB indicative rates. ⁵ Up to December 2007, ECB indicative rates. ⁶ Currency conversion effective from 1 January 2005: 1,000,000 Turkish lira (TRL) = 1 New Turkish lira (TRY), designated as Turkish lira (TRY) since 1 January 2009.

II Euro foreign exchange reference rates of the European Central Bank

4 Exchange rates of major currencies



III Effective exchange rates of the euro *

1 Annual and monthly averages

1999 Q1 = 100

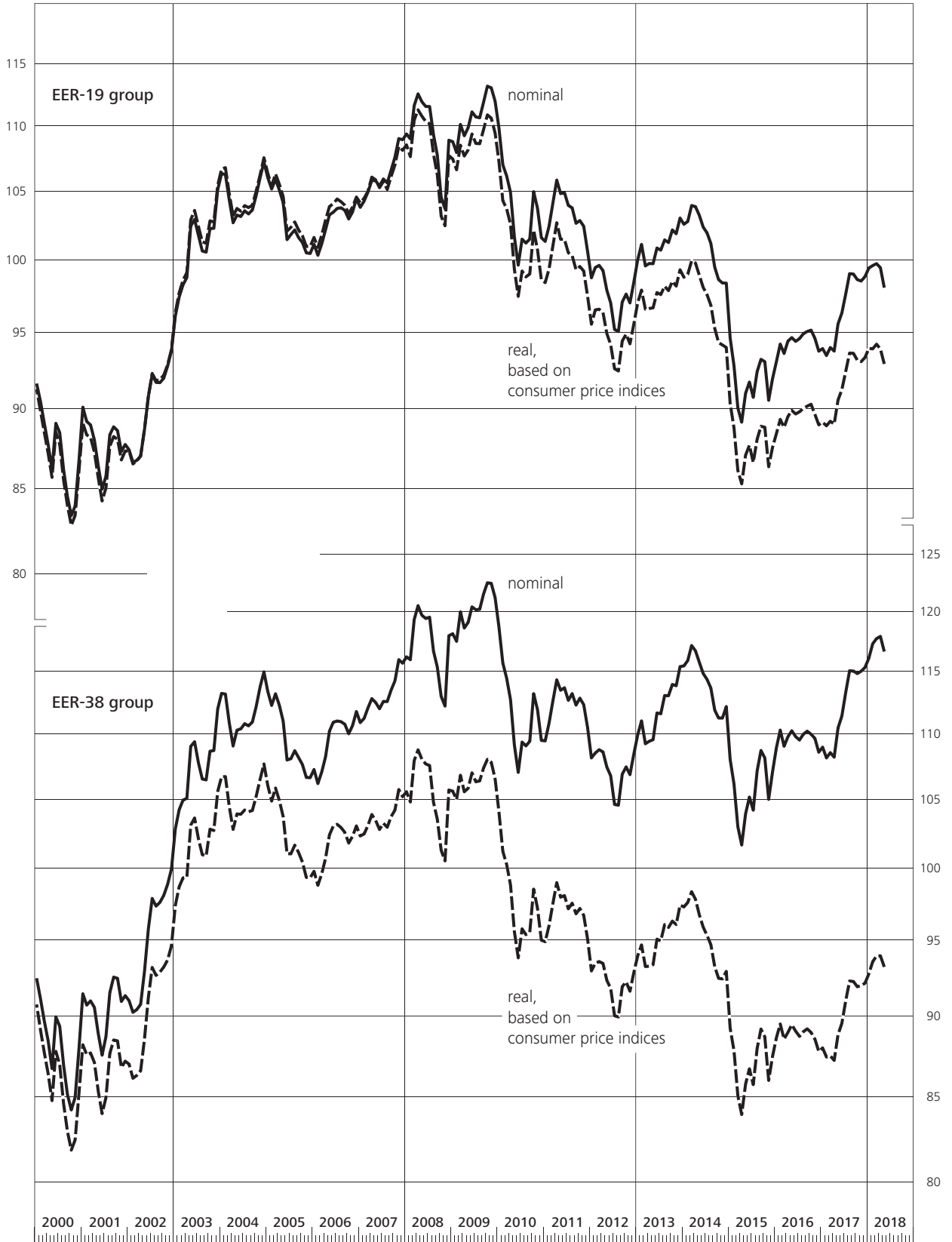
Period	Effective exchange rate of the euro vis-à-vis the currencies of the group ¹				<i>Memo item</i> Indicators of the German economy's price competitiveness based on consumer price indices vis-à-vis					
	EER-19		EER-38		26 selected industrial countries			37 countries	56 countries	
	Nominal	Real, 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 Aug	101.2	96.8	113.6	94.7	98.1	93.8	104.8	91.6	90.4	
Sep	99.5	95.3	111.9	93.2	97.6	93.8	103.5	90.7	89.6	
Oct	98.6	94.3	111.2	92.5	97.2	93.7	102.5	90.1	89.1	
Nov	98.4	94.1	111.2	92.4	97.2	93.6	102.7	90.0	89.0	
Dec	98.4	94.0	112.1	92.9	97.1	93.6	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	
Feb	92.8	88.8	106.1	87.8	94.7	93.8	95.9	87.2	86.4	
Mar	90.0	86.1	103.0	85.1	93.6	93.7	93.2	85.6	84.6	
Apr	89.1	85.3	101.6	83.9	93.4	93.7	92.7	85.2	84.0	
May	91.0	87.0	103.9	85.7	94.0	93.6	94.3	86.2	85.1	
June	91.7	87.7	105.2	86.7	94.1	93.5	94.7	86.4	85.6	
July	90.7	86.6	104.2	85.7	93.7	93.5	93.6	85.8	85.0	
Aug	92.4	88.0	107.1	87.9	94.3	93.6	95.0	86.7	86.4	
Sep	93.2	88.9	108.7	89.2	94.5	93.5	95.7	87.1	87.1	
Oct	93.0	88.8	108.1	88.7	94.5	93.6	95.7	87.1	86.8	
Nov	90.5	86.3	105.0	86.0	93.5	93.6	93.0	85.8	85.3	
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	86.8	p 86.7	
Feb	94.2	89.3	110.3	p 89.5	94.4	93.4	95.8	87.2	p 87.1	
Mar	93.6	88.8	109.0	p 88.5	94.5	93.5	95.7	87.0	p 86.7	
Apr	94.4	89.5	109.8	p 89.0	94.9	93.7	96.5	87.6	p 87.1	
May	94.6	89.9	110.2	p 89.4	94.7	93.6	96.3	87.7	p 87.4	
June	94.4	89.6	109.8	p 89.0	94.5	93.5	95.6	87.5	p 87.1	
July	94.6	89.8	109.5	p 88.7	94.8	93.6	96.4	87.6	p 86.9	
Aug	94.9	90.0	110.0	p 89.0	95.0	93.5	96.9	87.6	p 87.0	
Sep	95.1	90.1	110.2	p 89.2	95.1	93.6	97.1	87.8	p 87.2	
Oct	95.1	90.3	110.0	p 89.0	95.4	93.7	97.7	87.9	p 87.1	
Nov	94.6	89.6	109.6	p 88.5	94.8	93.6	96.4	87.5	p 86.8	
Dec	93.7	88.9	108.6	p 87.8	94.7	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	
Feb	93.4	88.9	108.1	p 87.4	94.5	93.7	95.5	87.1	p 86.2	
Mar	94.0	89.2	108.5	p 87.5	94.7	93.6	96.0	87.2	p 86.2	
Apr	93.7	89.0	108.2	p 87.2	94.5	93.6	95.6	87.1	p 86.0	
May	95.6	90.5	110.5	p 88.8	95.4	93.7	97.8	88.0	p 87.0	
June	96.3	91.2	111.4	p 89.5	95.9	93.8	99.0	88.5	p 87.6	
July	97.6	92.4	113.3	p 91.0	96.6	93.9	100.6	89.2	p 88.5	
Aug	99.0	93.6	115.0	p 92.3	97.2	93.8	102.4	89.8	p 89.2	
Sep	99.0	93.6	115.0	p 92.2	97.3	93.8	102.5	89.8	p 89.2	
Oct	98.6	93.1	114.8	p 91.9	97.1	93.7	102.2	89.5	p 89.0	
Nov	98.5	93.0	115.0	p 92.0	97.2	93.8	102.4	89.5	p 89.0	
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 89.4	
Feb	99.6	93.9	117.3	p 93.6	97.7	93.7	103.9	89.9	p 89.5	
Mar	99.7	94.2	117.7	p 93.9	97.8	93.7	104.1	90.0	p 89.7	
Apr	99.5	p 93.9	117.9	p 93.9	97.7	93.6	104.1	p 89.8	p 89.7	
May	98.1	p 92.9	116.6	p 93.2	p 97.1	p 93.6	p 102.4	p 89.1	p 89.0	

* 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			
					March 2018	April 2018	May 2018	
Afghanistan								
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 68.1445	AFN 69.3140	AFN 70.2250	AFN 71.2717	
		S	USD 1 =	AFN 68.2445	AFN 69.4140	AFN 70.3250	AFN 71.3717	
	AFN	B	EUR 1 =	AFN 77.1114	AFN 85.1669	AFN 84.9981	AFN 82.8067	
		S	EUR 1 =	AFN 77.3714	AFN 85.4269	AFN 85.2581	AFN 83.0667	
	Albania							
	Tirana 070	Albanian lek = 100 qindarka	M	USD 1 =	ALL 118.94	ALL 105.80	ALL 106.28	ALL 107.61
M			EUR 1 =	ALL 134.16	ALL 130.44	ALL 128.74	ALL 125.92	
ALL								
Algeria								
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 111.0969	DZD 114.0334	DZD 114.9742	DZD 116.5902	
		S	USD 1 =	DZD 111.1119	DZD 114.0484	DZD 114.9892	DZD 116.6052	
	DZD	B	EUR 1 =	DZD 125.6478	DZD 140.5804	DZD 138.9463	DZD 136.0841	
		S	EUR 1 =	DZD 125.6908	DZD 140.6331	DZD 138.9874	DZD 136.1132	
	Angola ¹							
	Luanda 330	Kwanza = 100 cêntimos	B	USD 1 =	AOA 165.091	AOA 213.890	AOA 225.688	AOA 239.160
S			USD 1 =	AOA 166.742	AOA 214.357	AOA 226.216	AOA 239.656	
AOA		B	EUR 1 =	AOA 184.490	AOA 264.047	AOA 272.586	AOA 277.450	
		S	EUR 1 =	AOA 186.296	AOA 264.709	AOA 273.269	AOA 278.145	
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 3.3121	XCD 3.2471	XCD 3.1449	
		V, S	EUR 1 =	XCD 3.0693	XCD 3.3475	XCD 3.2817	XCD 3.1785	
Argentina								
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 16.4721	ARS 20.0490	ARS 20.4400	ARS 24.8600	
		S	USD 1 =	ARS 16.5721	ARS 20.1490	ARS 20.5400	ARS 24.9600	
	ARS	B	EUR 1 =	ARS 18.6421	ARS 24.6663	ARS 24.7201	ARS 29.0017	
		S	EUR 1 =	ARS 18.7969	ARS 24.8397	ARS 24.8924	ARS 29.1807	
	Armenia							
	Yerevan 077	Armenian dram = 100 luma	M	USD 1 =	AMD 482.78	AMD 480.06	AMD 483.32	AMD 482.51
M			EUR 1 =	AMD 545.83	AMD 591.72	AMD 583.90	AMD 564.63	
	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 219.44	AWG 215.13	AWG 208.37	
		S	EUR 100 =	AWG 204.55	AWG 221.65	AWG 217.30	AWG 210.46	

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		
					March 2018	April 2018	May 2018
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.7681	USD 0.7665	USD 0.7570	USD 0.7564
		M	AUD 1 =	EUR 0.6784	EUR 0.6217	EUR 0.6237	EUR 0.6475
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699
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 2.0962	AZN 2.0618	AZN 1.9829
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 1.22594	BSD 1.20186	BSD 1.16405
		V, S	EUR 1 =	BSD 1.14382	BSD 1.24750	BSD 1.22300	BSD 1.18452
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 0.4499636	BHD 0.4431445	BHD 0.4280610
		S	EUR 1 =	BHD 0.4414323	BHD 0.4777964	BHD 0.4705555	BHD 0.4545390
Bangladesh ¹							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 80.6296	BDT 82.9600	BDT 82.9800	BDT 83.7000
		S	USD 1 =	BDT 80.6342	BDT 82.9600	BDT 82.9800	BDT 83.7000
		B	EUR 1 =	BDT 91.8261	BDT 102.2150	BDT 99.1611	BDT 97.5942
		S	EUR 1 =	BDT 91.8648	BDT 102.2399	BDT 99.1860	BDT 97.6026
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 2.45132	BBD 2.41209	BBD 2.32009
		S	EUR 1 =	BBD 2.30526	BBD 2.49727	BBD 2.45731	BBD 2.36359
Belarus							
Minsk 073	Belarusian rouble = 100 kopecks BYN	M	USD 1 =	BYN 1.9314	BYN 1.9568	BYN 2.0000	BYN 2.0225
		M	EUR 1 =	BYN 2.1862	BYN 2.4087	BYN 2.4258	BYN 2.3442

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		
					March 2018	April 2018	May 2018
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699
Belize							
Belmopan 421	Belize dollar = 100 cents BZD	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
	B	EUR 1 =	BZD 2.2540	BZD 2.4432	BZD 2.3929	BZD 2.3136	
		S	EUR 1 =	BZD 2.2937	BZD 2.4864	BZD 2.4351	BZD 2.3544
Benin ¹							
Porto-Novo Seat of Government: Cotonou 284	CFA franc XOF	V	USD 1 =	XOF 580.647	XOF 532.389	XOF 543.056	XOF 560.695
		³	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Bermuda							
Hamilton 413	Bermudian dollar = 100 cents BMD	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
	V, B	EUR 1 =	BMD 1.1252	BMD 1.2272	BMD 1.2031	BMD 1.1652	
	V, S	EUR 1 =	BMD 1.1346	BMD 1.2374	BMD 1.2131	BMD 1.1749	
Bhutan ¹							
Thimphu 675	Ngultrum = 100 chhetrum BTN	B	USD 1 =	BTN 63.91	BTN 64.15	BTN 65.70	BTN 66.40
		S	USD 1 =	BTN 66.02	BTN 66.25	BTN 67.90	BTN 68.55
	B	EUR 1 =	BTN 72.64	BTN 79.55	BTN 79.40	BTN 77.10	
	S	EUR 1 =	BTN 74.64	BTN 81.75	BTN 81.60	BTN 79.25	
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 8.4522	BOB 8.2862	BOB 8.0255
		V, S	EUR 1 =	BOB 7.8485	BOB 8.5754	BOB 8.4070	BOB 8.1425
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga BAM	B	USD 1 =	BAM 1.720423	BAM 1.583428	BAM 1.616355	BAM 1.677218
		S	USD 1 =	BAM 1.729046	BAM 1.591364	BAM 1.624457	BAM 1.685626
	³	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583	
Botswana							
Gaborone 391	Pula = 100 thebe BWP	B	BWP 1 =	USD 0.0972	USD 0.1046	USD 0.1019	USD 0.1005
		S	BWP 1 =	USD 0.0970	USD 0.1044	USD 0.1016	USD 0.1002
	B	BWP 1 =	EUR 0.0856	EUR 0.0849	EUR 0.0843	EUR 0.0860	
	S	BWP 1 =	EUR 0.0854	EUR 0.0847	EUR 0.0841	EUR 0.0858	

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		
					March 2018	April 2018	May 2018
Brazil							
Brasília 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 3.1919	BRL 3.3232	BRL 3.4805	BRL 3.7364
		S	USD 1 =	BRL 3.1925	BRL 3.3238	BRL 3.4811	BRL 3.7370
	BRL	B	EUR 1 =	BRL 3.6485	BRL 4.0829	BRL 4.2020	BRL 4.3585
		S	EUR 1 =	BRL 3.6502	BRL 4.0850	BRL 4.2031	BRL 4.3611
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3657	BND 1.3033	BND 1.3139	BND 1.3366
		S	USD 1 =	BND 1.3862	BND 1.3218	BND 1.3324	BND 1.3551
	BND	B	EUR 1 =	BND 1.5347	BND 1.5907	BND 1.5798	BND 1.5275
		S	EUR 1 =	BND 1.5912	BND 1.6455	BND 1.6345	BND 1.5825
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.73478	BGN 1.58740	BGN 1.61920	BGN 1.67179
		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 532.389	XOF 543.056	XOF 560.695
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Burundi							
Bujumbura 328	Burundi franc = 100 centimes BIF	B	USD 1 =	BIF 1,715.1343	BIF 1,757.8341	BIF 1,759.0815	BIF 1,760.4774
		S	USD 1 =	BIF 1,749.2041	BIF 1,793.3459	BIF 1,794.6185	BIF 1,796.0426
	BIF	B	EUR 1 =	BIF 1,948.7043	BIF 2,163.1907	BIF 2,130.0718	BIF 2,056.7658
		S	EUR 1 =	BIF 1,987.4246	BIF 2,206.8915	BIF 2,173.1036	BIF 2,098.3166
Cabo Verde							
Praia 247	Cabo Verde escudo = 100 centavos CVE	B	USD 1 =	CVE 97.230	CVE 88.837	CVE 91.254	CVE 94.694
		S	USD 1 =	CVE 97.432	CVE 89.039	CVE 91.456	CVE 94.896
	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 4,000	KHR 4,032	KHR 4,075
		B	EUR 1 =	KHR 4,595	KHR 4,919	KHR 4,887	KHR 4,751
	S	EUR 1 =	KHR 4,641	KHR 4,968	KHR 4,936	KHR 4,799	
Cameroon ¹							
Yaoundé 302	CFA franc XAF	V	USD 1 =	XAF 580.647	XAF 532.389	XAF 543.056	XAF 560.695
		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 1.2894	CAD 1.2836	CAD 1.2948
		M	EUR 1 =	CAD 1.4749	CAD 1.5867	CAD 1.5509	CAD 1.5118

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		
					March 2018	April 2018	May 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 1.0268	KYD 1.0066	KYD 0.9749
Central African Republic ¹							
Bangui 306	CFA franc XAF	V	USD 1 =	XAF 580.647	XAF 532.389	XAF 543.056	XAF 560.695
		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 532.389	XAF 543.056	XAF 560.695
		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 605.26	CLP 605.74	CLP 628.33
		M	EUR 1 =	CLP 730.93	CLP 746.50	CLP 733.25	CLP 731.89
China							
Peking / Beijing 720	Chinese renminbi ⁴ 1 yuan (renminbi) = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.7513	CNY 6.2881	CNY 6.3393	CNY 6.4144
		M	EUR 1 =	CNY 7.6579	CNY 7.7378	CNY 7.6714	CNY 7.4814
		M	HKD 1 =	CNY 0.86568	CNY 0.80125	CNY 0.80785	CNY 0.81754
China (Taiwan)							
Taipei 736	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 30.31	TWD 29.055	TWD 29.520	TWD 29.900
		S	USD 1 =	TWD 30.41	TWD 29.155	TWD 29.620	TWD 30.000
		B	EUR 1 =	TWD 34.13	TWD 35.67	TWD 35.68	TWD 34.88
S	EUR 1 =	TWD 34.53	TWD 36.07	TWD 36.08	TWD 35.28		
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	M	USD 1 =	COP 2,951.285	COP 2,780.47	COP 2,806.28	COP 2,879.32
		V, M	EUR 1 =	COP 3,329.382	COP 3,425.817	COP 3,389.706	COP 3,368.516
Comoros							
Moroni 375	Comorian franc = 100 centimes KMF	V	USD 1 =	KMF 435.48531	KMF 399.29206	KMF 407.29179	KMF 420.52120
		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 532.389	XAF 543.056	XAF 560.695
		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		
					March 2018	April 2018	May 2018
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 1,455.5068	CDF 1,585.4441	CDF 1,586.2024	CDF 1,587.8640
		S	USD 1 =	CDF 1,514.9152	CDF 1,650.1561	CDF 1,650.9454	CDF 1,652.6748
	CDF	B	EUR 1 =	CDF 1,658.2101	CDF 1,951.6153	CDF 1,919.9880	CDF 1,843.0406
		S	EUR 1 =	CDF 1,725.8701	CDF 2,031.2731	CDF 1,998.3549	CDF 1,918.2668
Cook Islands ¹							
Avarua 837	Cook Islands dollar ² = 100 cents NZD	B	NZD 1 =	EUR 0.6438	EUR 0.5983	EUR 0.5978	EUR 0.6128
		S	NZD 1 =	EUR 0.6162	EUR 0.5728	EUR 0.5722	EUR 0.5864
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 563.02	CRC 562.40	CRC 562.04	CRC 563.50
		S	USD 1 =	CRC 572.30	CRC 569.31	CRC 568.31	CRC 568.77
	CRC	V, B	EUR 1 =	CRC 640.4559	CRC 692.9330	CRC 678.8881	CRC 659.2387
		V, S	EUR 1 =	CRC 650.8521	CRC 701.4469	CRC 686.4616	CRC 665.4040
Côte d'Ivoire ¹							
Yamoussoukro Seat of Government: Abidjan 272	CFA franc XOF	V	USD 1 =	XOF 580.647	XOF 532.389	XOF 543.056	XOF 560.695
		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 6.011463	HRK 6.116767	HRK 6.337454
		S	USD 1 =	HRK 6.625612	HRK 6.047641	HRK 6.153579	HRK 6.375594
	HRK	B	EUR 1 =	HRK 7.438069	HRK 7.409730	HRK 7.390891	HRK 7.360954
		S	EUR 1 =	HRK 7.482832	HRK 7.454322	HRK 7.435369	HRK 7.405252
Cuba ¹							
Havana 448	Convertible peso / Cuban peso = 100 centavos	4 B	CUC 1 =	USD 1.03182	USD 1.02827	USD 1.01009	USD 1.01009
		4 S	CUC 1 =	USD 0.97009	USD 0.97324	USD 0.99010	USD 0.99010
	CUC / CUP	B	EUR 1 =	CUC 1.10202	CUC 1.19719	CUC 1.20042	CUC 1.15300
		S	EUR 1 =	CUC 1.17106	CUC 1.26491	CUC 1.22468	CUC 1.17630
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 219.44	ANG 215.13	ANG 208.37
		S	EUR 100 =	ANG 206.55	ANG 223.87	ANG 219.47	ANG 212.56
Cyprus							
Nicosia 600	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699
Czechia							
Prague 061	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 23.382	CZK 20.641	CZK 21.144	CZK 22.050
		M	EUR 1 =	CZK 26.289	CZK 25.430	CZK 25.540	CZK 25.790

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		
					March 2018	April 2018	May 2018
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 659.53	DKK 601.01	DKK 616.78	DKK 636.26
		M	EUR 100 =	DKK 743.90	DKK 745.13	DKK 745.01	DKK 744.36
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 216.36	DJF 212.78	DJF 204.67
		S	EUR 1 =	DJF 207.47	DJF 224.80	DJF 221.08	DJF 212.66
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 3.3121	XCD 3.2471	XCD 3.1449
		V, S	EUR 1 =	XCD 3.0693	XCD 3.3475	XCD 3.2817	XCD 3.1785
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 47.1821	DOP 48.8978	DOP 49.0023	DOP 49.0521
		S	USD 1 =	DOP 47.6080	DOP 49.3519	DOP 49.4360	DOP 49.4492
		B	EUR 1 =	DOP 52.6036	DOP 59.6275	DOP 59.1758	DOP 56.8143
		S	EUR 1 =	DOP 55.8669	DOP 62.7452	DOP 62.4573	DOP 60.3779
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 17.7125	EGP 17.5500	EGP 17.5700	EGP 17.8000
		S	USD 1 =	EGP 17.8063	EGP 17.6500	EGP 17.6700	EGP 17.9000
		B	EUR 1 =	EGP 19.9838	EGP 21.5812	EGP 21.2140	EGP 20.7334
		S	EUR 1 =	EGP 20.2009	EGP 21.7713	EGP 21.4496	EGP 20.9860
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 10.7809	SVC 10.5691	SVC 10.2366
Equatorial Guinea 1							
Malabo 310	CFA franc XAF	V	USD 1 =	XAF 580.647	XAF 532.389	XAF 543.056	XAF 560.695
		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 18.4845	ERN 18.2745	ERN 17.4870
		S	EUR 1 =	ERN 17.7432	ERN 19.1207	ERN 18.9107	ERN 18.1232
Estonia							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699

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		
					March 2018	April 2018	May 2018
Ethiopia							
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 24.0105	ETB 27.2399	ETB 27.2454	ETB 27.2511
		S	USD 1 =	ETB 24.4907	ETB 27.7847	ETB 27.7903	ETB 27.7961
	ETB	B	EUR 1 =	ETB 27.3459	ETB 33.5405	ETB 32.8988	ETB 31.6985
S		EUR 1 =	ETB 27.9003	ETB 34.2113	ETB 33.5568	ETB 32.3325	
Falkland Islands (Islas Malvinas)							
Stanley 529	Falkland Islands pound ² = 100 pence FKP	V	USD 1 =	FKP 0.77602	FKP 0.71009	FKP 0.72821	FKP 0.74947
		V	EUR 1 =	FKP 0.87667	FKP 0.87490	FKP 0.87960	FKP 0.87680
Fiji							
Suva 815	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4933	USD 0.4970	USD 0.4927	USD 0.4907
		S	FJD 1 =	USD 0.4763	USD 0.4800	USD 0.4757	USD 0.4737
	FJD	B	FJD 1 =	EUR 0.4331	EUR 0.4024	EUR 0.4050	EUR 0.4189
		S	FJD 1 =	EUR 0.4211	EUR 0.3904	EUR 0.3930	EUR 0.4069
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699
Gabon ¹							
Libreville 314	CFA franc	V	USD 1 =	XAF 580.647	XAF 532.389	XAF 543.056	XAF 560.695
	XAF	³	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Gambia							
Banjul 252	Dalasi = 100 bututs GMD	M	USD 1 =	GMD 46.75	GMD 47.39	GMD 47.24	GMD 47.36
		M	EUR 1 =	GMD 53.21	GMD 58.43	GMD 57.95	GMD 55.87
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 =	GEL 2.5129	GEL 2.4263	GEL 2.4617	GEL 2.4719
		M	EUR 1 =	GEL 2.8415	GEL 2.9875	GEL 2.9762	GEL 2.8716
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699

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		
					March 2018	April 2018	May 2018
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas	B	USD 1 =	GHS 4.3540	GHS 4.4022	GHS 4.4056	GHS 4.4204
		S	USD 1 =	GHS 4.3584	GHS 4.4066	GHS 4.4100	GHS 4.4248
	GHS	B	EUR 1 =	GHS 4.9609	GHS 5.4160	GHS 5.3289	GHS 5.1611
		S	EUR 1 =	GHS 4.9649	GHS 5.4198	GHS 5.3327	GHS 5.1656
Gibraltar							
Gibraltar 044	Gibraltar pound ² = 100 pence GIP	V	USD 1 =	GIP 0.77602	GIP 0.71009	GIP 0.72821	GIP 0.74947
		V	EUR 1 =	GIP 0.87667	GIP 0.87490	GIP 0.87960	GIP 0.87680
Greece ¹							
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699
Grenada							
St George's 473	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 3.3121	XCD 3.2471	XCD 3.1449
		V, S	EUR 1 =	XCD 3.0693	XCD 3.3475	XCD 3.2817	XCD 3.1785
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ	M	USD 1 =	GTQ 7.34631	GTQ 7.39919	GTQ 7.41205	GTQ 7.48595
		V, M	EUR 1 =	GTQ 8.35181	GTQ 9.11654	GTQ 8.95302	GTQ 8.75781
Guinea							
Conakry 260	Guinean franc	B	USD 1 =	GNF 8,792.9167	GNF 8,710.00	GNF 8,650.00 ⁴	GNF 8,650.00
		S	USD 1 =	GNF 9,166.6667	GNF 9,050.00	GNF 8,995.00 ⁴	GNF 8,995.00
	GNF	B	EUR 1 =	GNF 9,979.6061	GNF 10,726.713	GNF 10,354.321 ⁴	GNF 10,013.197
		S	EUR 1 =	GNF 10,401.3362	GNF 11,145.437	GNF 10,767.297 ⁴	GNF 10,412.567
Guinea-Bissau ¹							
Bissau 257	CFA franc XOF	V	USD 1 =	XOF 580.647	XOF 532.389	XOF 543.056	XOF 560.695
		⁵	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Guyana							
Georgetown 488	Guyana dollar = 100 cents	B	USD 1 =	GYD 205.98	GYD 205.98	GYD 207.98	GYD 207.98
		S	USD 1 =	GYD 208.44	GYD 208.44	GYD 210.45	GYD 210.45
	GYD	B	EUR 1 =	GYD 234.17	GYD 253.57	GYD 251.09	GYD 243.19
		S	EUR 1 =	GYD 237.16	GYD 256.79	GYD 254.29	GYD 246.30

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 3 May 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		
					March 2018	April 2018	May 2018
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 64.6157	HTG 65.2715	HTG 65.5747	HTG 66.1431
		V, M	EUR 1 =	HTG 73.3598	HTG 80.4210	HTG 79.2077	HTG 77.3808
Honduras							
Tegucigalpa 424	Lempira = 100 centavos HNL	B	USD 1 =	HNL 23.4928	HNL 23.6399	HNL 23.6594	HNL 23.9126
		S	USD 1 =	HNL 23.6573	HNL 23.8054	HNL 23.8250	HNL 24.0800
		V, B	EUR 1 =	HNL 26.7110	HNL 29.1267	HNL 28.5782	HNL 27.9754
		V, S	EUR 1 =	HNL 26.8980	HNL 29.3306	HNL 28.7782	HNL 28.1712
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.77531	HKD 7.82800	HKD 7.82870	HKD 7.82870
		S	USD 1 =	HKD 7.81201	HKD 7.86850	HKD 7.86920	HKD 7.86920
		B	EUR 1 =	HKD 8.82724	HKD 9.62224	HKD 9.46834	HKD 9.13194
		S	EUR 1 =	HKD 8.89458	HKD 9.69246	HKD 9.53696	HKD 9.20016
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 274.27	HUF 253.94	HUF 258.96	HUF 272.08
		M	EUR 1 =	HUF 309.34	HUF 312.55	HUF 312.62	HUF 318.88
Iceland							
Reykjavik 024	Icelandic krona ISK	B	USD 1 =	ISK 106.265	ISK 97.79	ISK 100.79	ISK 104.96
		S	USD 1 =	ISK 106.775	ISK 98.25	ISK 101.27	ISK 105.46
		B	EUR 1 =	ISK 120.20	ISK 121.16	ISK 121.83	ISK 122.56
		S	EUR 1 =	ISK 120.87	ISK 121.84	ISK 122.51	ISK 123.24
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	M	USD 1 =	INR 65.0330	INR 65.0441	INR 66.7801	INR 67.4526
		M	EUR 1 =	INR 73.7760	INR 80.6222	INR 80.7438	INR 78.7914
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 13,318.29	IDR 13,687.00	IDR 13,808.00	IDR 13,881.00
		S	USD 1 =	IDR 13,452.46	IDR 13,825.00	IDR 13,946.00	IDR 14,021.00
		B	EUR 1 =	IDR 15,112.80	IDR 16,866.49	IDR 16,749.10	IDR 16,181.08
		S	EUR 1 =	IDR 15,268.86	IDR 17,042.08	IDR 16,917.89	IDR 16,348.49
Iran, Islamic Republic of ¹							
Tehran 616	Iranian rial = 100 dinars IRR	M	USD 1 =	IRR 33,384	IRR 37,743	IRR 42,000 ¹	IRR 42,155
		M	EUR 1 =	IRR 37,982	IRR 46,522	IRR 50,930 ¹	IRR 49,186

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		
					March 2018	April 2018	May 2018
Iraq ¹							
Baghdad 612	Iraqi dinar = 1,000 fils	2 B S	USD 1 =	IQD 1,182.00	IQD 1,182.00	IQD 1,182.00	IQD 1,182.00
			USD 1 =	IQD 1,184.00	IQD 1,184.00	IQD 1,184.00	IQD 1,190.00
		B S	EUR 1 =	IQD 1,342.547	IQD 1,458.077 ⁴	IQD 1,429.439	IQD 1,391.485
			EUR 1 =	IQD 1,343.218	IQD 1,458.806 ⁴	IQD 1,430.154	IQD 1,392.181
		3 B S	USD 1 =	IQD 1,247.67	IQD 1,203.00	IQD 1,190.00	IQD 1,193.00
			USD 1 =	IQD 1,252.42	IQD 1,205.00	IQD 1,195.00	IQD 1,197.00
IQD	V, B V, S	EUR 1 =	IQD 1,418.50	IQD 1,482.22	IQD 1,437.40	IQD 1,395.69	
		EUR 1 =	IQD 1,423.89	IQD 1,484.68	IQD 1,443.44	IQD 1,400.37	
Ireland							
Dublin 007	Euro = 100 cent EUR		M EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699
Israel							
Jerusalem 624	New Israeli sheqel = 100 agorot ILS		M USD 1 =	ILS 3.5998	ILS 3.5140	ILS 3.5880	ILS 3.5660
			M EUR 1 =	ILS 4.0577	ILS 4.3288	ILS 4.3387	ILS 4.1650
Italy							
Rome 005	Euro = 100 cent EUR		M EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699
Jamaica							
Kingston 464	Jamaican dollar = 100 cents JMD	B S	USD 1 =	JMD 127.2698	JMD 124.6545	JMD 124.3344	JMD 126.0858
			USD 1 =	JMD 128.2787	JMD 125.9850	JMD 125.3211	JMD 127.9025
		B S	EUR 1 =	JMD 139.75475	JMD 150.0447	JMD 143.5911	JMD 141.8928
			EUR 1 =	JMD 145.69698	JMD 159.1849	JMD 151.6983	JMD 149.7828
Japan							
Tokyo 732	Japanese yen = 100 sen JPY	B S	USD 1 =	JPY 111.19	JPY 105.24	JPY 108.35	JPY 107.70
			USD 1 =	JPY 113.19	JPY 107.24	JPY 110.35	JPY 109.70
		B S	EUR 1 =	JPY 125.72	JPY 129.02	JPY 130.89	JPY 125.23
			EUR 1 =	JPY 128.72	JPY 132.02	JPY 133.89	JPY 128.23
Jordan							
Amman 628	Jordanian dinar = 1,000 fils JOD	2 B 2 S	USD 1 =	JOD 0.7080	JOD 0.7080	JOD 0.7080	JOD 0.7080
			USD 1 =	JOD 0.7100	JOD 0.7100	JOD 0.7100	JOD 0.7100
		B S	EUR 1 =	JOD 0.80258	JOD 0.87063	JOD 0.85484	JOD 0.82468
			EUR 1 =	JOD 0.80892	JOD 0.87579	JOD 0.86187	JOD 0.83240
Kazakhstan							
Astana 079	Tenge = 100 tiyn KZT		M USD 1 =	KZT 325.56	KZT 318.31	KZT 327.25	KZT 330.67
			M EUR 1 =	KZT 368.95	KZT 392.32	KZT 396.89	KZT 384.01

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. ⁴ Exchange rate as of 1 April 2018.

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		
					March 2018	April 2018	May 2018
Kenya ¹							
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 103.2972	KES 100.7472	KES 100.2611	KES 101.4644
		S	USD 1 =	KES 103.4963	KES 100.9472	KES 100.4611	KES 101.6672
	KES	B	EUR 1 =	KES 117.2709	KES 124.6050	KES 121.1911	KES 117.0850
		S	EUR 1 =	KES 117.5243	KES 124.8767	KES 121.4650	KES 117.3439
Korea, Democratic People's Republic of							
Pyongyang 724	North Korean won = 100 chon	B	USD 1 =	KPW 106.94	KPW 102.96 ²	KPW 104.30 ²	KPW 105.53 ²
		S	USD 1 =	KPW 107.74	KPW 103.74 ²	KPW 105.09 ²	KPW 106.32 ²
	KPW	B	EUR 1 =	KPW 121.63	KPW 126.73 ²	KPW 125.04 ²	KPW 123.49 ²
		S	EUR 1 =	KPW 122.55	KPW 127.68 ²	KPW 125.98 ²	KPW 124.42 ²
Korea, Republic of							
Seoul 728	South Korean won = 100 chon	B	USD 1 =	KRW 1,119.94	KRW 1,052.60	KRW 1,060.10	KRW 1,067.50
		S	USD 1 =	KRW 1,142.01	KRW 1,073.40	KRW 1,080.90	KRW 1,088.50
	KRW	B	EUR 1 =	KRW 1,263.62	KRW 1,297.31	KRW 1,280.50	KRW 1,245.40
		S	EUR 1 =	KRW 1,289.14	KRW 1,323.51	KRW 1,306.36	KRW 1,270.54
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.30189	KWD 0.29845	KWD 0.29950	KWD 0.30080
		S	USD 1 =	KWD 0.30541	KWD 0.30205	KWD 0.30310	KWD 0.30440
	KWD	B	EUR 1 =	KWD 0.343073	KWD 0.367631	KWD 0.361586	KWD 0.350643
		S	EUR 1 =	KWD 0.347083	KWD 0.372065	KWD 0.365933	KWD 0.354839
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tyiyn	M	USD 1 =	KGS 68.8641	KGS 68.4325	KGS 68.7841	KGS 68.4516
		M	EUR 1 =	KGS 77.9234	KGS 84.3533	KGS 83.4351	KGS 79.4826
Lao People's Democratic Republic							
Vientiane 684	Kip	B	USD 1 =	LAK 8,233	LAK 8,277	LAK 8,294	LAK 8,344
		S	USD 1 =	LAK 8,270	LAK 8,314	LAK 8,331	LAK 8,381
	LAK	B	EUR 1 =	LAK 9,297	LAK 10,108	LAK 10,027	LAK 9,687
		S	EUR 1 =	LAK 9,342	LAK 10,155	LAK 10,074	LAK 9,733
Latvia							
Riga 054	Euro = 100 cents EUR	M	EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699
Lebanon							
Beirut 604	Lebanese pound = 100 piastres LBP	M	USD 1 =	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50
		M	EUR 1 =	LBP 1,705.71	LBP 1,857.84	LBP 1,823.17	LBP 1,760.46
Lesotho ¹							
Maseru 395	Loti = 100 lisente LSL	M	USD 1 =	LSL 13.2590	LSL 11.7075	LSL 12.4170	LSL 12.5743
		M	EUR 1 =	LSL 15.0639	LSL 14.4945	LSL 15.0090	LSL 14.6817

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		
					March 2018	April 2018	May 2018
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents	B	USD 1 =	LRD 113.16	LRD 131.48	LRD 131.29	LRD 137.98
		S	USD 1 =	LRD 113.99	LRD 131.79	LRD 131.74	LRD 138.60
	LRD	V, B V, S	EUR 1 = EUR 1 =	LRD 129.0176 LRD 129.9491	LRD 161.9965 LRD 162.3785	LRD 158.5852 LRD 159.1287	LRD 161.4228 LRD 162.1481
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham	B	USD 1 =	LYD 1.3869	LYD 1.3261	LYD 1.3389	LYD 1.3602
		S	USD 1 =	LYD 1.3939	LYD 1.3328	LYD 1.3456	LYD 1.3670
	LYD	B	EUR 1 =	LYD 1.5734	LYD 1.6344	LYD 1.6240	LYD 1.5891
		S	EUR 1 =	LYD 1.5813	LYD 1.6426	LYD 1.6322	LYD 1.5971
Lithuania							
Vilnius 055	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699
Luxembourg							
Luxembourg 018	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699
Macao ¹							
Macao 743	Pataca = 100 avos	B	USD 1 =	MOP 8.0180	MOP 8.0736	MOP 8.0786	MOP 8.0785
		S	USD 1 =	MOP 8.0500	MOP 8.1056	MOP 8.1011	MOP 8.1010
	MOP	B	EUR 1 =	MOP 9.0916	MOP 9.9204	MOP 9.7952	MOP 9.4317
		S	EUR 1 =	MOP 9.1708	MOP 9.9996	MOP 9.8337	MOP 9.4702
Macedonia, former Yugoslav Republic of							
Skopje 096	Macedonian denar = 100 deni	B	USD 1 =	MKD 54.2664	MKD 49.6451	MKD 50.6925	MKD 52.6190
		S	USD 1 =	MKD 54.8118	MKD 50.1440	MKD 51.2020	MKD 53.1478
	MKD	B S	EUR 1 = EUR 1 =	MKD 61.2696 MKD 61.8854	MKD 61.1875 MKD 61.8025	MKD 61.1858 MKD 61.8008	MKD 61.2064 MKD 61.8216
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M M	USD 1 = EUR 1 =	MGA 3,115.86 MGA 3,519.24	MGA 3,213.25 MGA 3,975.70	MGA 3,227.31 MGA 3,911.63	MGA 3,324.13 MGA 3,880.70
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala	B	USD 1 =	MWK 716.5933	MWK 716.3295	MWK 716.8175	MWK 716.8189
		S	USD 1 =	MWK 734.6611	MWK 735.0523	MWK 735.2589	MWK 735.2603
	MWK	B	EUR 1 =	MWK 813.8638	MWK 883.2343	MWK 869.4996	MWK 836.7427
		S	EUR 1 =	MWK 834.4058	MWK 906.3195	MWK 891.8690	MWK 858.2694

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		
					March 2018	April 2018	May 2018
Malaysia							
Kuala Lumpur Seat of Government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 4.2297	MYR 3.7966	MYR 3.8517	MYR 3.9186
		S	USD 1 =	MYR 4.3546	MYR 3.9224	MYR 3.9793	MYR 4.0484
	MYR	B	EUR 1 =	MYR 4.7680	MYR 4.6984	MYR 4.6586	MYR 4.5560
		S	EUR 1 =	MYR 4.9557	MYR 4.8803	MYR 4.8390	MYR 4.7325
Maldives							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.40	MVR 15.41	MVR 15.36	MVR 15.41
		V, M	EUR 1 =	MVR 17.51518	MVR 18.98666	MVR 18.55334	MVR 18.02816
Mali 1							
Bamako 232	CFA franc XOF	V	USD 1 =	XOF 580.647	XOF 532.389	XOF 543.056	XOF 560.695
		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 1.2321	USD 1.2079	USD 1.1699
Mauritania 1							
Nouakchott 228	Ouguiya = 5 khoums MRO / MRU	B	USD 1 =	MRO 355.54	MRU 35.21	MRU 35.36	MRU 35.46
		S	USD 1 =	MRO 359.10	MRU 35.56	MRU 35.72	MRU 35.82
	MRO / MRU	B	EUR 1 =	MRO 403.76	MRU 43.39	MRU 42.76	MRU 41.41
		S	EUR 1 =	MRO 407.81	MRU 43.83	MRU 43.19	MRU 41.82
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 33.9185	MUR 32.8877	MUR 33.8419	MUR 34.1317
		S	USD 1 =	MUR 35.2060	MUR 34.0988	MUR 34.7421	MUR 35.0314
	MUR	B	EUR 1 =	MUR 38.4576	MUR 40.4642	MUR 40.9986	MUR 39.7014
		S	EUR 1 =	MUR 39.9209	MUR 41.9861	MUR 42.1651	MUR 40.8310
Mexico							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 18.9464	MXN 18.2970	MXN 18.7475	MXN 19.9155
		S	USD 1 =	MXN 18.9525	MXN 18.3030	MXN 18.7540	MXN 19.9240
	MXN	V, B	EUR 1 =	MXN 21.4381	MXN 22.5437	MXN 22.6451	MXN 23.2991
		V, S	EUR 1 =	MXN 21.4449	MXN 22.5511	MXN 22.6530	MXN 23.3091
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 18.4407	MDL 16.4585	MDL 16.5266	MDL 16.9538
		M	EUR 1 =	MDL 20.8089	MDL 20.2893	MDL 20.1377	MDL 19.7096
Mongolia							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 2,434.27	MNT 2,392.77	MNT 2,402.86	MNT 2,409.80
		M	EUR 1 =	MNT 2,765.21	MNT 2,948.25	MNT 2,912.03	MNT 2,821.51

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		
					March 2018	April 2018	May 2018
Morocco							
Rabat 204	Moroccan dirham = 100 centimes MAD	M	USD 1 =	MAD 9.6776	MAD 9.1983	MAD 9.2914	MAD 9.4849
		M	EUR 1 =	MAD 10.9408	MAD 11.3378	MAD 11.2324	MAD 11.0945
Mozambique							
Maputo 366	Metical = 100 centavos MZN	B	USD 1 =	MZN 62.69	MZN 61.03	MZN 59.10	MZN 59.38
		S	USD 1 =	MZN 63.59	MZN 62.22	MZN 60.27	MZN 60.53
		B	EUR 1 =	MZN 71.05	MZN 75.16	MZN 71.58	MZN 69.38
		S	EUR 1 =	MZN 72.10	MZN 76.62	MZN 73.00	MZN 70.73
Myanmar							
Nay Pyi Taw 676	Kyat = 100 pyas MMK	M	USD 1 =	MMK 1,361.00	MMK 1,335.00	MMK 1,340.00	MMK 1,355.00
		M	EUR 1 =	MMK 1,545.65	MMK 1,642.40	MMK 1,625.30	MMK 1,580.00
Namibia ¹							
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 13.2812	NAD 11.7538	NAD 12.3040	NAD 12.5138
		M	EUR 1 =	NAD 15.0846	NAD 14.4984	NAD 14.9328	NAD 14.6184
Nepal							
Kathmandu 672	Nepalese rupee = 100 paisa NPR	B	USD 1 =	NPR 103.63	NPR 103.98	NPR 106.36	NPR 107.59
		S	USD 1 =	NPR 104.23	NPR 104.58	NPR 106.96	NPR 108.19
		B	EUR 1 =	NPR 117.79	NPR 128.13	NPR 129.02	NPR 125.16
		S	EUR 1 =	NPR 118.47	NPR 128.87	NPR 129.75	NPR 125.86
Netherlands							
Amsterdam Seat of Government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699
New Caledonia ¹							
Nouméa 809	CFP franc XPF	V	XPF 1,000 =	USD 9.47	USD 10.32	USD 10.12	USD 9.80
		Z	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 0.7352	USD 0.7229	USD 0.7133
		S	NZD 1 =	USD 0.7005	USD 0.7092	USD 0.6973	USD 0.6879
		B	NZD 1 =	EUR 0.6438	EUR 0.5983	EUR 0.5978	EUR 0.6128
		S	NZD 1 =	EUR 0.6162	EUR 0.5728	EUR 0.5722	EUR 0.5864

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		
					March 2018	April 2018	May 2018
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 30.1098	NIO 31.1636	NIO 31.2888	NIO 31.4187
		V, M	EUR 1 =	NIO 34.25529	NIO 38.39667	NIO 37.79374	NIO 36.75674
Niger 1							
Niamey 240	CFA franc XOF	V	USD 1 =	XOF 580.647	XOF 532.389	XOF 543.056	XOF 560.695
		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 304.65	NGN 304.70	NGN 304.95
		S	USD 1 =	NGN 305.80	NGN 305.65	NGN 305.70	NGN 305.95
		B	EUR 1 =	NGN 344.9384	NGN 375.3288	NGN 367.9253	NGN 356.7915
		S	EUR 1 =	NGN 346.0701	NGN 376.5608	NGN 369.1328	NGN 357.9615
Norway							
Oslo 028	Norwegian krone = 100 øre NOK	B	USD 1 =	NOK 8.2324	NOK 7.7162	NOK 7.9353	NOK 8.1367
		S	USD 1 =	NOK 8.2974	NOK 7.7812	NOK 8.0003	NOK 8.2017
		B	EUR 1 =	NOK 9.3304	NOK 9.5689	NOK 9.6317	NOK 9.5101
		S	EUR 1 =	NOK 9.4024	NOK 9.6409	NOK 9.7037	NOK 9.5821
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 0.4733952	OMR 0.4656384	OMR 0.4486656
		S	EUR 1 =	OMR 0.4371226	OMR 0.4747050	OMR 0.4669280	OMR 0.4499110
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa PKR	B	USD 1 =	PKR 105.31	PKR 115.20	PKR 115.50	PKR 115.50
		S	USD 1 =	PKR 105.51	PKR 115.40	PKR 115.70	PKR 115.70
		B	EUR 1 =	PKR 119.11	PKR 141.86	PKR 140.12	PKR 134.72
		S	EUR 1 =	PKR 119.33	PKR 142.10	PKR 140.36	PKR 134.96
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 1.2321	PAB 1.2079	PAB 1.1699
Papua New Guinea							
Port Moresby 801	Kina = 100 toea PGK	B	PGK 1 =	USD 0.3209	USD 0.3150	USD 0.3150	USD 0.3140
		S	PGK 1 =	USD 0.3059	USD 0.3000	USD 0.3000	USD 0.2990
		B	PGK 1 =	EUR 0.2814	EUR 0.2538	EUR 0.2578	EUR 0.2668
		S	PGK 1 =	EUR 0.2666	EUR 0.2388	EUR 0.2428	EUR 0.2518

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		
					March 2018	April 2018	May 2018
Paraguay							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 5,610.78	PYG 5,542.63	PYG 5,548.61	PYG 5,731.34
		S	USD 1 =	PYG 5,620.67	PYG 5,553.95	PYG 5,556.24	PYG 5,738.53
	PYG	V, B	EUR 1 =	PYG 6,335.38	PYG 6,871.75	PYG 6,702.17	PYG 6,705.09
		V, S	EUR 1 =	PYG 6,346.64	PYG 6,885.79	PYG 6,711.38	PYG 6,713.51
Peru							
Lima 504	Sol = 100 céntimos	B	USD 1 =	PEN 3.256	PEN 3.224	PEN 3.248	PEN 3.271
		S	USD 1 =	PEN 3.260	PEN 3.229	PEN 3.250	PEN 3.274
	PEN	B	EUR 1 =	PEN 3.592	PEN 3.974	PEN 3.874	PEN 3.584
		S	EUR 1 =	PEN 3.785	PEN 4.062	PEN 4.156	PEN 3.978
Philippines							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 49.83022	PHP 52.10	PHP 51.50	PHP 52.30
		S	USD 1 =	PHP 50.92312	PHP 52.60	PHP 52.00	PHP 52.80
	PHP	B	EUR 1 =	PHP 56.30315	PHP 63.86	PHP 61.69	PHP 59.34
		S	EUR 1 =	PHP 58.50222	PHP 66.68	PHP 64.40	PHP 62.79
Poland							
Warsaw 060	Polish zloty = 100 groszy PLN	M	USD 1 =	PLN 3.7782	PLN 3.4139	PLN 3.4868	PLN 3.7200
		M	EUR 1 =	PLN 4.2447	PLN 4.2085	PLN 4.2204	PLN 4.3195
Portugal							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699
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 4.485	QAR 4.397	QAR 4.258
Romania							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 4.0517	RON 3.7779	RON 3.8479	RON 3.9734
		M	EUR 1 =	RON 4.5732	RON 4.6576	RON 4.6589	RON 4.6485
Russian Federation							
Moscow 075	Russian rouble = 100 kopecks RUB	M	USD 1 =	RUB 58.3063	RUB 57.2649	RUB 61.9997	RUB 62.5937
		M	EUR 1 =	RUB 66.0327	RUB 70.5618	RUB 75.2056	RUB 72.5211

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		
					March 2018	April 2018	May 2018
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 823.772078	RWF 844.237870	RWF 846.516990	RWF 848.780625
		S	USD 1 =	RWF 840.245856	RWF 861.120922	RWF 863.445620	RWF 865.754523
	RWF	B	EUR 1 =	RWF 931.843275	RWF 1,041.156353	RWF 1,026.909761	RWF 990.976843
		S	EUR 1 =	RWF 950.478377	RWF 1,061.977377	RWF 1,047.445882	RWF 1,010.794378
Saint Helena, Ascension and Tristan da Cunha							
Jamestown 329	Saint Helena pound ² = 100 pence SHP	V	USD 1 =	SHP 0.77602	SHP 0.71009	SHP 0.72821	SHP 0.74947
		V	EUR 1 =	SHP 0.87667	SHP 0.87490	SHP 0.87960	SHP 0.87680
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 3.3121	XCD 3.2471	XCD 3.1449
		V, S	EUR 1 =	XCD 3.0693	XCD 3.3475	XCD 3.2817	XCD 3.1785
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 3.3121	XCD 3.2471	XCD 3.1449
		V, S	EUR 1 =	XCD 3.0693	XCD 3.3475	XCD 3.2817	XCD 3.1785
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 3.3121	XCD 3.2471	XCD 3.1449
		V, S	EUR 1 =	XCD 3.0693	XCD 3.3475	XCD 3.2817	XCD 3.1785
Samoa							
Apia 819	Tala = 100 sene WST	M	WST 1 =	USD 0.39587	USD 0.39684	USD 0.39371	USD 0.39177
		M	WST 1 =	EUR 0.34869	EUR 0.32256	EUR 0.32459	EUR 0.33617
Sao Tome and Principe ¹							
São Tomé 311	Dobra = 100 cêntimos	B	USD 1 =	STD 21,626.08	STN 19.8848	STN 20.1348	STN 21.0626
		S	USD 1 =	STD 21,950.48	STN 20.1830	STN 20.4368	STN 21.3785
	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 4.4607	SAR 4.4306	SAR 4.2611
		S	EUR 1 =	SAR 4.4035	SAR 4.7791	SAR 4.6621	SAR 4.4838

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		
					March 2018	April 2018	May 2018
Senegal ¹							
Dakar 248	CFA franc	V	USD 1 =	XOF 580.647	XOF 532.389	XOF 543.056	XOF 560.695
	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 95.7959	RSD 97.1313	RSD 100.9914
		S	USD 1 =	RSD 107.8764	RSD 96.3725	RSD 97.7159	RSD 101.5992
	RSD	B	EUR 1 =	RSD 120.9447	RSD 118.0301	RSD 117.8203	RSD 117.8065
		S	EUR 1 =	RSD 121.6725	RSD 118.7405	RSD 118.5293	RSD 118.5155
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 13.3550	SCR 13.6617	SCR 13.7103	SCR 13.5714
		S	USD 1 =	SCR 13.8521	SCR 14.0291	SCR 14.0046	SCR 14.0520
	SCR	B	EUR 1 =	SCR 15.3492	SCR 16.9296	SCR 16.8916	SCR 15.6584
		S	EUR 1 =	SCR 15.7331	SCR 17.3025	SCR 17.0550	SCR 16.2055
Sierra Leone							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 7,318.43	SLL 7,546.79	SLL 7,585.20	SLL 7,576.45
		S	USD 1 =	SLL 7,466.27	SLL 7,699.25	SLL 7,738.44	SLL 7,729.51
	SLL	B	EUR 1 =	SLL 8,256.54	SLL 9,289.27	SLL 9,203.72	SLL 8,780.16
		S	EUR 1 =	SLL 8,419.66	SLL 9,471.34	SLL 9,389.08	SLL 8,954.31
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.3783	SGD 1.3117	SGD 1.3238	SGD 1.3382
		M	EUR 1 =	SGD 1.5603	SGD 1.6169	SGD 1.6052	SGD 1.5614
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 219.44	ANG 215.13	ANG 208.37
		S	EUR 100 =	ANG 206.55	ANG 223.87	ANG 219.47	ANG 212.56
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents SBD	M	SBD 1 =	USD 0.1269	USD 0.1279	USD 0.1269	USD 0.1259
		M	SBD 1 =	EUR 0.1118	EUR 0.1035	EUR 0.1045	EUR 0.1085

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		
					March 2018	April 2018	May 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 11.6450	ZAR 12.2575	ZAR 12.4450
		S	USD 1 =	ZAR 13.4265	ZAR 11.9625	ZAR 12.5750	ZAR 12.7625
	ZAR	B	EUR 1 =	ZAR 14.8599	ZAR 14.3428	ZAR 14.7684	ZAR 14.4798
		S	EUR 1 =	ZAR 15.2931	ZAR 14.7885	ZAR 15.2081	ZAR 14.9166
South Sudan							
Juba 225	South Sudanese pound = 100 piastres SSP	M	USD 1 =	SSP .	SSP 133.5836	SSP 136.2359	SSP 137.9746
		M	EUR 1 =	SSP .	SSP 165.7374	SSP 164.5186	SSP 159.2228
Spain							
Madrid 011	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2321	USD 1.2079	USD 1.1699
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 150.64	LKR 153.7175	LKR 155.4047	LKR 156.3820
		S	USD 1 =	LKR 154.44	LKR 157.4914	LKR 159.0139	LKR 159.4762
	LKR	B	EUR 1 =	LKR 169.32	LKR 188.3108	LKR 186.8930	LKR 181.1794
		S	EUR 1 =	LKR 175.72	LKR 195.1713	LKR 193.8410	LKR 187.2078
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 22.1447	SDG 21.7738	SDG 20.9448
		S	EUR 1 =	SDG 7.6377	SDG 22.2555	SDG 21.8827	SDG 21.0495
Suriname							
Paramaribo 492	Suriname dollar = 100 cent	B	USD 1 =	SRD 7.426	SRD 7.406	SRD 7.406	SRD 7.406
		S	USD 1 =	SRD 7.551	SRD 7.530	SRD 7.530	SRD 7.530
	SRD	B	EUR 1 =	SRD 8.418	SRD 9.172	SRD 8.929	SRD 8.604
		S	EUR 1 =	SRD 8.549	SRD 9.316	SRD 9.069	SRD 8.739
Swaziland ¹							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 13.2528	SZL 11.7837	SZL 12.3328	SZL 12.4884
		S	USD 1 =	SZL 13.3028	SZL 11.7932	SZL 12.3382	SZL 12.4949
	SZL	B	EUR 1 =	SZL 15.04752	SZL 14.5022	SZL 14.9614	SZL 14.5890
		S	EUR 1 =	SZL 15.10738	SZL 14.5151	SZL 14.9690	SZL 14.5992
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 8.4983	SEK 8.3071	SEK 8.6249	SEK 8.7362
		S	USD 1 =	SEK 8.5752	SEK 8.4121	SEK 8.7299	SEK 8.8412
	SEK	B	EUR 1 =	SEK 9.6147	SEK 10.2356	SEK 10.4542	SEK 10.2226
		S	EUR 1 =	SEK 9.6820	SEK 10.3506	SEK 10.5692	SEK 10.3376

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		
					March 2018	April 2018	May 2018
Switzerland							
Berne 039	Swiss franc = 100 rappen / centimes	B	USD 1 =	CHF 0.9845	CHF 0.9569	CHF 0.9896	CHF 0.9872
		B	EUR 1 =	CHF 1.1159	CHF 1.1782	CHF 1.1978	CHF 1.1567
	CHF						
Syrian Arab Republic							
Damascus 608	Syrian pound = 100 piastres	B	USD 1 =	SYP 500.80	SYP 434.00	SYP 434.00	SYP 434.00 ³
		S	USD 1 =	SYP 505.62	SYP 438.34	SYP 438.34	SYP 438.34 ³
	B	EUR 1 =	SYP 566.09	SYP 540.42	SYP 537.85	SYP 513.53 ³	
	S	EUR 1 =	SYP 571.52	SYP 545.82	SYP 543.23	SYP 518.67 ³	
Tajikistan							
Dushanbe 082	Somoni = 100 diram	M	USD 1 =	TJS 8.5691	TJS 8.8138	TJS 8.8886	TJS 9.0114
		M	EUR 1 =	TJS 9.7117	TJS 10.8657	TJS 10.7303	TJS 10.4929
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents	B	USD 1 =	TZS 2,219.2269	TZS 2,237.4356	TZS 2,251.1287	TZS 2,254.2673
		S	USD 1 =	TZS 2,241.4192	TZS 2,259.8100	TZS 2,273.6400	TZS 2,276.8100
	B	EUR 1 =	TZS 2,518.7227	TZS 2,773.3015	TZS 2,720.0388	TZS 2,619.6841	
	S	EUR 1 =	TZS 2,544.4141	TZS 2,801.9384	TZS 2,747.4666	TZS 2,646.7916	
Thailand							
Bangkok 680	Thai baht = 100 satang	B	USD 1 =	THB 33.7097	THB 31.0573	THB 31.3166	THB 31.8587
		S	USD 1 =	THB 34.0454	THB 31.4063	THB 31.6806	THB 32.1906
	B	EUR 1 =	THB 37.9823	THB 38.0682	THB 37.8028	THB 36.9583	
	S	EUR 1 =	THB 38.7106	THB 38.8106	THB 38.5714	THB 37.6896	
Togo ¹							
Lomé 280	CFA franc XOF	V	USD 1 =	XOF 580.647	XOF 532.389	XOF 543.056	XOF 560.695
		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 0.4552	USD 0.4508	USD 0.4475
		M	TOP 1 =	EUR 0.3994	EUR 0.3692	EUR 0.3711	EUR 0.3830
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents	B	USD 1 =	TTD 6.7186	TTD 6.7117	TTD 6.7210	TTD 6.7301
		S	USD 1 =	TTD 6.7697	TTD 6.7572	TTD 6.7560	TTD 6.7626
	B	EUR 1 =	TTD 7.5960	TTD 8.1779	TTD 8.0418	TTD 7.8269	
	S	EUR 1 =	TTD 8.0842	TTD 8.8148	TTD 8.6463	TTD 8.3896	

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 Exchange rate as of 16 May 2018.

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		
					March 2018	April 2018	May 2018
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes	B S	USD 1 =	TND 2.3900	TND 2.3819	TND 2.4361	TND 2.5527
			USD 1 =	TND 2.3923	TND 2.3842	TND 2.4385	TND 2.5553
	TND	B S	EUR 1 =	TND 2.7074	TND 2.9362	TND 2.9409	TND 2.9867
			EUR 1 =	TND 2.7101	TND 2.9392	TND 2.9439	TND 2.9897
Turkey							
Ankara 052	Turkish lira = 100 kuruş	B S	USD 1 =	TRY 3.6476	TRY 3.9949	TRY 4.0535	TRY 4.4834
			USD 1 =	TRY 3.6542	TRY 4.0021	TRY 4.0608	TRY 4.4914
	TRY	B S	EUR 1 =	TRY 4.1462	TRY 4.9191	TRY 4.8961	TRY 5.2064
			EUR 1 =	TRY 4.1536	TRY 4.9279	TRY 4.9049	TRY 5.2158
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 4.3148	TMT 4.2448	TMT 4.0600
Uganda							
Kampala 350	Uganda shilling	B S	USD 1 =	UGX 3,608.23	UGX 3,677.96	UGX 3,708.17	UGX 3,758.00
			USD 1 =	UGX 3,618.23	UGX 3,687.96	UGX 3,718.17	UGX 3,768.00
	UGX	B S	EUR 1 =	UGX 4,100.48	UGX 4,558.14	UGX 4,492.57	UGX 4,345.01
			EUR 1 =	UGX 4,111.84	UGX 4,570.53	UGX 4,504.69	UGX 4,356.57
Ukraine							
Kyiv 072	Hryvnia = 100 kopiyok	M M	USD 100 =	UAH 2,659.3613	UAH 2,654.3493	UAH 2,623.0047	UAH 2,613.5817
			EUR 100 =	UAH 3,005.3131	UAH 3,270.4238	UAH 3,191.6721	UAH 3,040.1182
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 4.5249	AED 4.4360	AED 4.2965
United Kingdom ¹							
London 006	Pound sterling = 100 pence	M M	GBP 1 =	USD 1.2889	USD 1.4033	USD 1.3776	USD 1.3308
			EUR 1 =	GBP 0.8752	GBP 0.8764	GBP 0.8770	GBP 0.8772
United States							
Washington 400	US dollar = 100 cents	M M	EUR 1 =	USD 1.13912	USD 1.2301	USD 1.2077	USD 1.1690
			GBP 1 =	USD 1.28919	USD 1.4015	USD 1.3769	USD 1.3298

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		
					March 2018	April 2018	May 2018
Uruguay							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 28.654	UYU 28.354	UYU 28.596	UYU 31.192
		M	EUR 1 =	UYU 32.4147	UYU 34.9052	UYU 34.5511	UYU 36.4556
Uzbekistan							
Tashkent 081	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 5,178.37	UZS 8,114.86	UZS 8,068.17	UZS 7,982.25
		M	EUR 1 =	UZS 5,929.90	UZS 10,039.70	UZS 9,899.64	UZS 9,299.32
Vanuatu							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 107.34	VUV 106.82	VUV 107.77	VUV 108.33
		S	USD 1 =	VUV 113.30	VUV 112.75	VUV 113.75	VUV 114.33
		B	EUR 1 =	VUV 122.09	VUV 131.77	VUV 130.96	VUV 127.99
		S	EUR 1 =	VUV 126.89	VUV 136.95	VUV 136.11	VUV 133.02
Venezuela, Bolivarian Republic of ¹							
Caracas 484	Bolívar = 100 céntimos VEF	B	USD 1 =	VEF 3,011.2031 ²	VEF 49,353.8062	VEF 68,827.5000	VEF 79,800.0000
		S	USD 1 =	VEF 3,018.7500 ²	VEF 49,477.5000	VEF 69,000.0000	VEF 80,000.0000
		B	EUR 1 =	VEF 3,538.5111 ²	VEF 60,700.2462	VEF 83,191.7993	VEF 92,943.0600
		S	EUR 1 =	VEF 3,548.2131 ²	VEF 60,867.2205	VEF 83,407.2000	VEF 93,192.0000
Viet Nam							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 22,683	VND 22,750	VND 22,730	VND 22,765
		S	USD 1 =	VND 22,753	VND 22,820	VND 22,800	VND 22,835
		B	EUR 1 =	VND 25,686.74	VND 27,914.55	VND 27,285.13	VND 26,540.77
		S	EUR 1 =	VND 26,004.35	VND 28,188.65	VND 28,019.45	VND 26,777.42
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 308.18	YER 303.21	YER 292.16
		S	EUR 1 =	YER 284.37	YER 308.79	YER 303.82	YER 292.75
Zambia							
Lusaka 378	Kwacha = 100 ngwee ZMW	B	USD 1 =	ZMW 9.5295	ZMW 9.4496	ZMW 9.8567	ZMW 10.2945
		S	USD 1 =	ZMW 9.5789	ZMW 9.4996	ZMW 9.9067	ZMW 10.3442
		B	EUR 1 =	ZMW 10.8184	ZMW 11.6447	ZMW 11.9009	ZMW 12.0363
		S	EUR 1 =	ZMW 10.8767	ZMW 11.7101	ZMW 11.9633	ZMW 12.0986

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 = CU ...

Period	US dollar USD	Euro EUR	Chinese yuan renminbi CNY	Japanese yen JPY	Pound sterling GBP	Canadian dollar CAD	Swiss franc CHF	Danish krone DKK	Norwegian krone NOK	Swedish krona SEK
1999	1.37251	1.36467	11.3508	140.111	0.848150	1.98094	2.19297	10.1549	11.0218	11.6873
2000	1.30291	1.40022	10.7847	149.704	0.873149	1.95462	2.13221	10.4500	11.5288	12.4232
2001	1.25673	1.42474	10.3925	165.491	0.866469	2.00147	2.10605	10.5685	11.3251	13.3943
2002	1.35952	1.29639	11.2123	162.414	0.843483	2.14750	1.88539	9.62844	9.47006	11.9542
2003	1.48597	1.17654	12.2989	158.575	0.832619	1.92047	1.83800	8.82099	9.91886	10.7715
2004	1.55301	1.14016	12.8107	161.161	0.804085	1.86920	1.75738	8.46296	9.37796	10.2351
2005	1.42927	1.21155	11.5345	168.610	0.830055	1.66418	1.87848	9.03881	9.67427	11.3363
2006	1.50440	1.14229	11.7474	178.948	0.766377	1.75308	1.83582	8.51702	9.41017	10.3390
2007	1.58025	1.07346	11.5302	179.947	0.788780	1.56144	1.77857	8.02021	8.55074	10.2088
2008	1.54027	1.10675	10.5271	140.464	1.056570	1.88621	1.63839	8.18003	10.7802	12.0833
2009	1.56769	1.08822	10.7045	143.797	0.968007	1.64075	1.61551	8.10688	9.05608	11.3070
2010	1.54003	1.15966	10.1995	125.436	0.997755	1.54142	1.44702	8.64469	9.06742	10.4761
2011	1.53527	1.18654	9.67352	119.321	0.992989	1.56254	1.44453	8.82099	9.20039	10.6293
2012	1.53692	1.16583	9.66660	133.020	0.953662	1.52954	1.40874	8.69762	8.55432	10.0140
2013	1.54000	1.11732	9.39770	162.162	0.935148	1.63856	1.37291	8.33556	9.41398	10.0229
2014	1.44881	1.19332	8.86525	174.733	0.928247	1.68076	1.43301	8.86611	10.7693	11.3176
2015	1.38573	1.27283	8.99548	167.116	0.935104	1.91785	1.37478	9.47221	12.2069	11.5742
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 Mar	1.54563	1.12100	9.50887	158.968	0.928695	1.70838	1.36633	8.36925	9.25386	10.0571
Apr	1.54969	1.11891	9.54299	158.967	0.921285	1.69800	1.36698	8.35143	9.25566	10.1799
May	1.54047	1.13212	9.50390	156.573	0.920785	1.67403	1.38149	8.45059	9.21837	10.2538
June	1.54589	1.13186	9.51158	156.599	0.907482	1.65039	1.37631	8.43889	9.51158	10.4202
July	1.53131	1.14456	9.44430	157.388	0.907013	1.66759	1.39226	8.53424	9.62001	10.5544
Aug	1.51838	1.15134	9.36040	157.472	0.915131	1.64866	1.38856	8.57979	9.37937	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

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 Mar	1	1.44360	1.18610	9.15499	154.003	1.05027	1.85517	1.36564	8.83283	11.4577	11.9398
	2	1.45002	1.17773	9.20726	154.065	1.05147	1.86923	1.35577	8.77162	11.3271	11.9710
	5	1.45003	1.17822	9.19540	153.051	1.04976	1.88170	1.35984	8.77401	11.3504	11.9857
	6	1.45411	1.17163	9.22356	154.644	1.04623	1.87551	1.36439	8.72798	11.2628	12.0169
	7	1.45499	1.17177	9.20387	153.676	1.05012	1.88378	1.36624	8.72996	11.3399	11.9677
	8	1.45297	1.16977	9.19642	154.189	1.04824	1.87825	1.37567	8.71536	11.3625	11.9783
	9	1.44896	1.17888	9.17886	154.604	1.04803	1.86046	1.37723	8.78194	11.3111	11.9592
	12	1.44933	1.17813	9.16313	154.528	1.04615	1.85949	1.37788	8.77655	11.2683	11.9458
	13	1.45079	1.17207	9.18695	154.306	1.04419	1.87326	1.37521	8.73027	11.2294	11.9593
	14	1.45462	1.17602	9.18856	154.845	1.04080	1.88286	1.37476	8.76063	11.2577	11.9512
	15	1.45329	1.17761	9.19008	154.064	1.04336	1.89393	1.37467	8.77162	11.1965	11.8805
	16	1.45279	1.18103	9.19050	153.850	1.04012	1.90140	1.37957	8.79709	11.2091	11.9008
	19	1.45173	1.17941	9.19092	153.637	1.03356	1.89872	1.38423	8.78472	11.2286	11.9386
	20	1.45089	1.18189	9.18560	153.954	1.03576	1.89733	1.38444	8.80328	11.2117	11.8533
	21	1.45075	1.18081	9.18434	.	1.03260	.	.	.	.	.
	22	1.45438	1.18088	9.19126	153.728	1.02479	1.87731	1.37860	8.79562	11.2548	11.8905
	23	1.45562	1.17902	9.21056	152.695	1.03089	1.87135	1.37848	8.81117	11.2850	12.0336
	26	1.45998	1.17636	9.19278	153.269	1.02624	1.88134	1.38187	8.76178	11.2476	11.9882
	27	1.45830	1.17833	9.12117	154.040	1.03345	.	1.38057	8.77717	11.2652	11.9201
	28	1.45757	1.17565	9.15575	153.745	1.03060	1.88056	1.38673	8.76017	11.3360	12.0492
	29	1.45367	1.17983	9.14804	154.932	1.03379	1.87436	1.39087	.	.	12.1521
	30	1.45386	.	9.12359	154.386	.	.	.	.	.	.
Apr	2	1.45439	.	9.13142	154.631	1.03442	1.87733	1.38691	.	.	.
	3	1.45246	1.18010	9.13167	153.801	1.03551	1.86089	1.38957	8.79075	11.3689	12.1888
	4	1.45157	1.18244	9.14846	154.606	1.03399	1.85931	1.39133	8.80910	11.3922	12.1750
	5	1.45120	1.18369	.	155.192	1.03189	1.85406	1.39359	8.81516	11.3486	12.1876
	6	1.44815	1.18371	.	155.199	1.03329	1.84843	1.39486	8.81562	11.3470	12.2331
	9	1.45066	1.17901	9.15231	155.148	1.02858	1.84654	1.39307	8.77994	11.3047	12.1597
	10	1.45362	1.17597	9.15039	155.116	1.02664	1.83418	1.38981	8.75718	11.3446	12.1388
	11	1.45609	1.17578	9.14880	155.933	1.02592	1.83234	1.39508	8.75358	11.3125	12.0838
	12	1.45459	1.18039	9.13617	155.380	1.02534	1.83220	1.40026	8.78804	11.3285	12.1467
	13	1.45442	1.18082	9.14453	156.103	1.01857	1.83213	1.39944	8.79330	11.2937	12.2493
	16	1.45661	1.17754	9.15055	156.178	1.01865	1.83227	1.39879	8.76955	11.2985	12.3034
	17	1.45748	1.17947	9.15081	155.950	1.01680	1.82942	1.40166	8.78410	11.3207	12.2542
	18	1.45613	1.17543	9.15106	156.272	1.02490	1.83676	1.40968	8.75442	11.2953	12.2374
	19	1.45608	1.17596	9.13968	156.441	1.02411	1.83946	1.40978	8.75833	11.2687	12.2124
	20	1.45159	1.17929	9.12742	156.031	1.03139	1.84758	1.41428	8.78295	11.3270	12.2126
	23	1.44669	1.18213	9.12134	155.982	1.03683	1.85653	1.41153	8.80413	11.3789	12.2450
	24	1.44520	1.18333	9.12584	157.180	1.03666	1.85390	1.41370	8.81329	11.3943	12.2985
	25	1.44438	1.18538	9.13192	157.698	1.03521	1.85877	1.41939	8.82979	11.5041	12.3336
	26	1.44362	1.18641	9.14562	157.889	1.03371	1.85679	1.41980	8.83986	11.4768	12.3402
	27	1.43780	1.19122	9.11660	157.165	1.04426	.	1.42442	.	11.5060	12.4960
	30	1.43806	1.19055	9.11835	157.195	1.04777	1.84590	1.42282	8.86965	11.5031	12.4786
May	1	1.43463	.	.	156.805	1.04760	1.84594	.	.	.	.
	2	1.43238	1.19295	9.11120	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	155.610	1.05561	1.83750	1.43483	8.93935	11.5441	12.6250
	8	1.42709	1.20227	9.08711	155.424	1.05597	1.84994	1.43009	8.95728	11.5697	12.5958
	9	1.42666	1.20100	9.10258	156.220	1.05176	1.83412	1.42880	8.94686	11.5350	12.5756
	10	1.42775	1.20202	9.08909	156.924	1.05245	1.82396	.	.	.	.
	11	1.43081	1.19894	9.07680	156.545	1.05401	1.82843	1.42981	.	11.4409	12.3568
	14	1.43208	1.19459	9.07466	156.569	1.05362	1.82948	1.42976	8.90036	11.4267	12.2894
	15	1.42822	1.20190	9.07746	156.675	1.05489	1.83897	1.42910	8.95319	11.4989	12.3208
	16	1.42216	1.20685	9.05740	156.835	1.05556	1.82164	1.42413	8.98949	11.5515	12.3612
	17	1.42213	1.20468	9.05256	156.946	1.05397	1.82046	1.42490	8.97263	.	12.3708
	18	1.42092	1.20611	9.05592	157.566	1.05394	1.83014	1.42121	8.98352	11.5512	12.3961
	21	1.41858	1.20638	9.06742	157.519	1.05856	.	.	.	.	12.4350
	22	1.42235	1.20600	9.05838	157.810	1.05696	1.81862	1.41674	8.98198	11.4450	12.3366
	23	1.41801	1.21115	9.05953	156.662	1.06210	1.82583	1.40497	9.02242	11.5136	12.4017
	24	1.41900	1.20992	9.06257	155.380	1.05864	1.82923	1.40587	9.01348	11.4713	12.4192
	25	1.41819	1.21472	9.06323	155.348	1.06303	1.83996	1.40741	9.04789	11.5263	12.4025
	29	1.41084	1.22066	9.05223	153.782	1.06487	1.83691	1.40590	9.08521	11.6717	12.4930
	30	1.41418	1.21577	9.08141	153.438	1.06521	1.82387	1.40096	9.04920	11.6060	12.6064
	31	1.41665	1.21092	9.06939	153.933	1.06307	1.83428	1.39710	9.01356	11.5491	12.4505
June	1	1.41761	1.21485	9.09595	154.590	1.06395	1.83778	1.39712	9.04347	11.5803	12.4795
	4	1.41863	1.20868	9.09976	155.567	1.05979	1.83400	1.39700	8.99669	11.4861	12.4444
	5	1.41633	1.21313	9.06939	155.627	1.06013	1.84024	1.39608	8.95257	11.5257	12.3912
	6	1.42025	1.20718	9.08133	156.028	1.05850	1.83396	1.40327	8.98578	11.4969	.
	7	1.42313	1.20238	9.09910	156.487	1.05781	1.84608	1.39659	8.95560	11.4242	12.3420
	8	1.41926	1.20747	9.09620	155.849	1.06002	1.83964	1.39634	8.99272	11.4812	12.3958

VI Global exchange rate arrangements and monetary policy framework *

As of end-April 2016

Exchange rate arrangement	Monetary Policy Framework						
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework	Other ¹
	US dollar	Euro	Exchange rate anchor Composite	Other			
No separate legal tender	Ecuador El Salvador Marshall Islands Micronesia, Federated States of Palau Panama Timor-Leste Zimbabwe	Kosovo Montenegro San Marino		Kiribati 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 Venezuela, Bolivarian Republic of	Cabo Verde Comoros Denmark ⁴ 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 Lesotho Namibia Nepal Swaziland			Samoa Solomon Islands ⁵
Stabilised arrangement	Guyana Lebanon Maldives Trinidad and Tobago	Macedonia, former Yugoslav Republic of	Singapore Viet Nam ⁸		Bangladesh ⁸ Bolivia, Plurinational State of ⁸ Burundi ⁸ Congo, Democratic Republic of the ⁸ Nigeria ⁸ Suriname ⁸ Yemen ⁸	Czechia ⁹	Costa Rica ^{8 10} Lao People's Democratic Republic ⁸ Sudan ⁸
Crawling peg	Honduras Nicaragua		Botswana				
Crawl-like arrangement		Croatia	Iran, Islamic Republic of ⁸		Ethiopia ⁸ Uzbekistan ⁸	Dominican Republic ⁸	Jamaica ^{8 10} Mauritania ^{8 11} Papua New Guinea ⁸ Sri Lanka ^{8 10 11} Tunisia ^{5 10}

VI Global exchange rate arrangements and monetary policy framework *

As of end-April 2016

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 ⁵
Other managed arrangement	Cambodia Liberia		Syrian Arab Republic			Algeria Belarus China ¹¹ Gambia Guinea Myanmar Rwanda Tajikistan		Angola Azerbaijan Egypt Haiti Kyrgyzstan Malaysia Pakistan South Sudan Vanuatu
Floating						Afghanistan Madagascar Malawi Mozambique Seychelles Sierra Leone Tanzania, United Republic of	Albania Armenia ¹¹ Brazil Colombia Georgia Ghana Guatemala Hungary Iceland India Indonesia Israel Kazakhstan Korea, Republic of Moldova, Republic of New Zealand Paraguay Peru Philippines Romania Serbia South Africa Thailand Turkey Uganda Uruguay ¹¹	Argentina ¹⁰ Kenya ¹⁰ Mauritius Mongolia ¹⁰ Switzerland Ukraine Zambia
Free floating							Australia Canada Chile Japan Mexico ¹² Norway Poland Russian Federation Sweden United Kingdom	Somalia United States Euro area Austria Belgium Cyprus Estonia Finland France Germany Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2016, 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 member participates in the ERM II. ⁵ The country maintains a de facto exchange rate anchor to a composite. 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, reverting back to the classification in the previous year's report.

VII ISO currency codes *

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

* Extracted and compiled from ISO communications. ¹ See Explanatory notes on individual countries, p 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 2016 (see Table VI, pp 46-47) is based on the IMF's *Annual Report on Exchange Arrangements and Exchange Restrictions 2016*, 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.

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

As part of the Iranian cabinet's move to unify the exchange rate system, a fixed exchange rate against the US dollar was introduced with effect from 10 April 2018.

We recorded the following exchange rates:

9 April 2018	USD 1 = IRR 37,830
	EUR 1 = IRR 46,414

10 April 2018	USD 1 = IRR 42,000
	EUR 1 = IRR 51,709.

Calculated using these rates, the Iranian rial experienced a devaluation of 9.9% against the US dollar and 10.2% against the euro.

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 will also remain 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 over 360 naira to the US dollar at the end of May 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 will also remain legal tender in this ratio until the end of June 2018.

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

The unit of account for 1,000 dobras is 1 conto.

Senegal

See Explanatory notes on Benin.

Singapore

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

Somalia

No exchange rates are available for the Somali shilling.

Swaziland

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

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 1,000,000 bolívar at the end of May 2018.