

# Exchange rate statistics

## May 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.

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## Abbreviations and symbols

<b>CU</b>	Currency unit(s)
<b>EC</b>	European Community
<b>ECB</b>	European Central Bank
<b>ECU</b>	European Currency Unit
<b>EER</b>	Effective exchange rate
<b>ERM</b>	Exchange Rate Mechanism
<b>EU</b>	European Union
<b>IMF</b>	International Monetary Fund
<b>ISO</b>	International Organization for Standardization
<b>SDR</b>	Special drawing right
<b>SITC</b>	Standard International Trade Classification
<b>SWIFT</b>	Society for Worldwide Interbank Financial Telecommunication
<b>B</b>	Buying rate
<b>M</b>	Middle rate
<b>S</b>	Selling rate
<b>V</b>	Calculated value
<b>e</b>	Estimated
<b>p</b>	Provisional
<b>r</b>	Revised
<b>.</b>	Data unknown, not to be published or not meaningful
<b>–</b>	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 <sup>1</sup>
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
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

<sup>1</sup> 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	<sup>1</sup> 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	<sup>1</sup> 353.109	<sup>2</sup> 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	<sup>3</sup> 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	<sup>4</sup> 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	<sup>5</sup> 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	<sup>6</sup> 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	<sup>7</sup> 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	<sup>6</sup> 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	<sup>8</sup> 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. <sup>1</sup> According to the EU communiqué of 31 December 1998. <sup>2</sup> Until 31 December 2000; accession to the euro area on 1 January

2001. <sup>3</sup> Until 31 December 2010; accession to the euro area on 1 January 2011. <sup>4</sup> Until 31 December 2014; accession to the euro area on 1 January 2015. <sup>5</sup> Until 31 December 2006; accession to the euro area on 1 January 2007. <sup>6</sup> Until 31 December 2007; accession to the euro area on 1 January 2008. <sup>7</sup> Until 31 December 2013; accession to the euro area on 1 January 2014. <sup>8</sup> 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 Feb	1	1.9558	7.4325	25.267	7.4428	310.06	4.1543	4.6548	9.8030
	2	1.9558	7.4349	25.192	7.4429	309.49	4.1541	4.6458	9.8223
	5	1.9558	7.4330	25.196	7.4433	309.60	4.1585	4.6333	9.8338
	6	1.9558	7.4358	25.233	7.4429	310.65	4.1644	4.6445	9.8685
	7	1.9558	7.4413	25.230	7.4430	309.81	4.1595	4.6555	9.8585
	8	1.9558	7.4398	25.247	7.4422	310.96	4.1695	4.6520	9.8968
	9	1.9558	7.4435	25.335	7.4437	312.08	4.1903	4.6563	9.9448
	12	1.9558	7.4525	25.358	7.4458	311.97	4.1748	4.6524	9.9195
	13	1.9558	7.4357	25.386	7.4488	312.16	4.1781	4.6586	9.9388
	14	1.9558	7.4340	25.370	7.4488	312.82	4.1719	4.6606	9.9305
	15	1.9558	7.4383	25.370	7.4493	311.68	4.1532	4.6620	9.9180
	16	1.9558	7.4380	25.340	7.4481	311.28	4.1597	4.6625	9.9140
	19	1.9558	7.4385	25.327	7.4480	311.15	4.1460	4.6613	9.9155
	20	1.9558	7.4385	25.318	7.4473	311.78	4.1467	4.6636	9.9688
	21	1.9558	7.4415	25.361	7.4465	312.15	4.1589	4.6615	9.9648
	22	1.9558	7.4445	25.316	7.4462	312.69	4.1819	4.6555	9.9963
	23	1.9558	7.4365	25.337	7.4469	312.88	4.1698	4.6550	10.0583
	26	1.9558	7.4435	25.391	7.4459	313.59	4.1697	4.6625	10.0435
	27	1.9558	7.4452	25.398	7.4460	313.97	4.1670	4.6575	10.0800
	28	1.9558	7.4505	25.418	7.4465	313.93	4.1781	4.6630	10.0923
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

\* See Explanatory notes, p 51. 1 Resumption of exchange rate fixing on 1 February 2018.



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 1	Indian rupee INR		Period	
0.87520	1.5567	3.9488	1.5348	7.8451	9.7429	125.01	79.7660		2018 Feb 1	
0.87850	1.5630	3.9993	1.5387	7.8550	9.7692	125.20	80.0205		2	
0.88568	1.5664	4.0174	1.5468	7.8248	9.7288	125.00	79.7435		5	
0.88885	1.5728	4.0381	1.5488	7.7446	9.6403	125.00	79.2415		6	
0.88675	1.5684	4.0070	1.5445	7.7416	9.6463	125.00	79.2655		7	
0.87513	1.5694	4.0034	1.5402	7.7549	9.5795	125.20	78.7715		8	
0.88740	1.5721	4.0244	1.5475	7.7362	9.5985	125.20	79.0045		9	
0.88600	1.5645	4.0415	1.5427	7.7604	9.5892	125.40	78.8940		12	
0.88935	1.5715	4.0642	1.5544	7.8244	9.6467	125.40	79.2730		13	
0.89040	1.5707	4.0525	1.5528	7.8341	9.6585	125.20	79.1165		14	
0.88660	1.5757	4.0254	1.5604	7.9261	9.7723	125.00	79.8490		15	
0.88803	1.5695	4.0314	1.5587	7.9077	9.7479	125.20	80.0440		16	
0.88590	1.5676	4.0126	1.5592	7.8734	9.7075	124.70	79.7375		19	
0.88168	1.5648	4.0114	1.5553	7.8290	9.6549	124.30	80.0030		20	
0.88463	1.5684	4.0080	1.5601	7.8112	9.6341	123.90	79.7295		21	
0.88343	1.5699	4.0149	1.5589	7.8085	9.6059	123.90	79.8895		22	
0.87940	1.5720	3.9875	1.5614	7.7914	9.6219	123.90	79.6515		23	
0.87820	1.5710	3.9857	1.5617	7.7723	9.6387	123.70	79.8030		26	
0.88400	1.5698	3.9831	1.5647	7.7665	9.6272	123.90	79.8030		27	
0.88415	1.5637	3.9615	1.5608	7.7285	9.5595	123.70	79.6230		28	
0.88520	1.5746	3.9740	1.5654	7.7290	9.5263	123.70	79.3245		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	

## 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 Feb	1	16,717.30	4.2715	136.62	1,334.46	4.8640	23.1310	1.6944	9.5705	
	2	16,821.79	4.2897	137.22	1,355.17	4.8556	23.0560	1.6960	9.5663	
	5	16,787.78	4.2812	136.67	1,352.64	4.8557	23.1245	1.7025	9.6108	
	6	16,736.62	4.2970	134.97	1,339.89	4.8268	23.1920	1.6955	9.7005	
	7	16,729.40	4.3076	134.84	1,335.72	4.8155	23.0468	1.6897	9.6618	
	8	16,721.53	4.2823	134.31	1,335.37	4.8183	22.9938	1.6966	9.6860	
	9	16,763.69	4.3273	133.59	1,336.19	4.8600	23.0932	1.6952	9.7983	
	12	16,722.75	4.3219	133.23	1,328.30	4.8368	22.8364	1.6918	9.7475	
	13	16,822.21	4.3573	132.82	1,338.24	4.8678	22.9778	1.6941	9.7418	
	14	16,812.73	4.3676	132.40	1,331.19	4.8198	22.9932	1.6873	9.7148	
	15	16,896.85	4.4028	133.11	1,330.75	4.8654	23.1260	1.6909	9.7350	
	16	16,848.21	4.4211	132.34	1,327.26	4.8541	23.0626	1.6853	9.6810	
	19	16,818.58	4.3673	132.24	1,323.97	4.8281	23.0128	1.6820	9.6575	
	20	16,819.73	4.3220	132.25	1,323.70	4.8101	23.0002	1.6782	9.6683	
	21	16,757.86	4.3072	132.41	1,322.02	4.8174	23.0516	1.6754	9.6420	
	22	16,831.62	4.2935	131.47	1,331.26	4.8112	23.0731	1.6761	9.6893	
	23	16,820.11	4.2918	131.28	1,324.37	4.8135	22.8385	1.6864	9.6770	
	26	16,834.05	4.3034	131.60	1,320.16	4.8165	22.9176	1.6847	9.6303	
	27	16,818.89	4.2822	131.77	1,318.51	4.8072	23.0305	1.6918	9.6290	
	28	16,793.03	4.2508	130.72	1,320.25	4.7930	22.9437	1.6905	9.6153	
	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	

\* 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	
64.330	70.1220	1.6352	14.8245	1.1603	39.071	4.6677	1.2459	2018 Feb 1
64.490	70.2938	1.6409	14.9580	1.1596	39.225	4.6795	1.2492	2
64.169	70.4985	1.6387	14.9635	1.1599	39.223	4.6774	1.2440	5
63.544	70.7106	1.6314	14.8719	1.1571	38.941	4.6647	1.2329	6
63.236	70.5211	1.6291	14.7640	1.1610	38.976	4.6681	1.2338	7
63.308	70.8858	1.6288	14.8007	1.1555	39.010	4.6701	1.2252	8
63.324	71.5055	1.6321	14.8761	1.1500	39.028	4.6970	1.2273	9
63.730	71.0851	1.6256	14.6721	1.1503	38.874	4.6648	1.2263	12
64.285	71.2558	1.6314	14.7780	1.1522	38.861	4.6865	1.2333	13
64.392	70.8493	1.6290	14.5938	1.1519	38.797	4.6929	1.2348	14
65.145	70.8097	1.6385	14.5607	1.1545	39.128	4.7046	1.2493	15
65.121	70.2884	1.6336	14.5331	1.1521	39.000	4.6784	1.2464	16
65.100	70.0709	1.6295	14.4614	1.1513	38.943	4.6575	1.2410	19
64.560	69.9071	1.6272	14.4916	1.1537	38.883	4.6566	1.2340	20
64.229	69.6656	1.6267	14.3373	1.1551	38.783	4.6650	1.2312	21
63.911	69.6731	1.6232	14.3835	1.1508	38.761	4.6648	1.2276	22
63.719	69.4480	1.6254	14.2239	1.1505	38.668	4.6575	1.2299	23
63.936	68.9399	1.6227	14.2826	1.1530	38.586	4.6579	1.2320	26
64.286	68.7975	1.6235	14.3380	1.1539	38.613	4.6629	1.2301	27
63.641	68.7540	1.6162	14.3677	1.1520	38.389	4.6451	1.2214	28
63.239	69.1788	1.6150	14.5200	1.1519	38.424	4.6435	1.2171	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

## 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 Mar	1.9558	7.5909	25.659	7.4553	303.01	4.1565	4.3923	8.3470	0.85996	1.2537
Apr	1.9558	7.6076	25.841	7.4553	298.67	4.1359	4.3780	8.4449	0.85076	1.2539
May	1.9558	7.5684	25.888	7.4536	292.38	4.1799	4.3360	8.5725	0.84914	1.3133
June	1.9558	7.4901	25.759	7.4576	295.70	4.2839	4.4803	8.6836	0.85191	1.3978
July	1.9558	7.5061	25.944	7.4579	294.90	4.2745	4.4244	8.6609	0.86192	1.4279
Aug	1.9558	7.5372	25.818	7.4580	299.46	4.2299	4.4371	8.7034	0.85904	1.4742
Sep	1.9558	7.5985	25.789	7.4579	299.75	4.2371	4.4633	8.6758	0.84171	1.4379
Oct	1.9558	7.6193	25.662	7.4592	294.76	4.1902	4.4444	8.7479	0.84720	1.4328
Nov	1.9558	7.6326	26.927	7.4587	297.68	4.1887	4.4452	8.8802	0.83780	1.4473
Dec	1.9558	7.6365	27.521	7.4602	300.24	4.1760	4.4635	8.9597	0.83639	1.5243
2014 Jan	1.9558	7.6353	27.485	7.4614	302.48	4.1799	4.5205	8.8339	0.82674	1.5377
Feb	1.9558	7.6574	27.444	7.4622	310.20	4.1741	4.4918	8.8721	0.82510	1.5222
Mar	1.9558	7.6576	27.395	7.4638	311.49	4.1987	4.4933	8.8666	0.83170	1.5217
Apr	1.9558	7.6267	27.450	7.4656	307.37	4.1853	4.4620	9.0329	0.82520	1.4831
May	1.9558	7.5952	27.437	7.4641	304.58	4.1800	4.4237	9.0298	0.81535	1.4755
June	1.9558	7.5770	27.450	7.4588	305.87	4.1352	4.3930	9.0914	0.80409	1.4517
July	1.9558	7.6146	27.458	7.4564	309.81	4.1444	4.4098	9.2327	0.79310	1.4420
Aug	1.9558	7.6326	27.816	7.4551	313.91	4.1919	4.4252	9.1878	0.79730	1.4306
Sep	1.9558	7.6236	27.599	7.4449	313.20	4.1899	4.4095	9.1929	0.79113	1.4246
Oct	1.9558	7.6573	27.588	7.4448	307.85	4.2066	4.4153	9.1797	0.78861	1.4436
Nov	1.9558	7.6700	27.667	7.4415	306.89	4.2121	4.4288	9.2384	0.79054	1.4432
Dec	1.9558	7.6682	27.640	7.4402	310.83	4.2155	4.4583	9.4043	0.78830	1.4928
2015 Jan	1.9558	7.6883	27.895	7.4406	316.50	4.2783	4.4874	9.4167	0.76680	1.4390
Feb	1.9558	7.7114	27.608	7.4501	306.88	4.1760	4.4334	9.4901	0.74051	1.4568
Mar	1.9558	7.6467	27.379	7.4593	303.45	4.1259	4.4339	9.2449	0.72358	1.4008
Apr	1.9558	7.5896	27.439	7.4655	299.43	4.0180	4.4155	9.3254	0.72116	1.3939
May	1.9558	7.5591	27.397	7.4612	306.33	4.0811	4.4477	9.3037	0.72124	1.4123
June	1.9558	7.5719	27.307	7.4603	311.96	4.1586	4.4671	9.2722	0.72078	1.4530
July	1.9558	7.5863	27.094	7.4616	311.53	4.1524	4.4391	9.3860	0.70685	1.4844
Aug	1.9558	7.5578	27.041	7.4627	311.61	4.1953	4.4235	9.5155	0.71423	1.5269
Sep	1.9558	7.5890	27.089	7.4610	313.14	4.2176	4.4236	9.3924	0.73129	1.5900
Oct	1.9558	7.6208	27.105	7.4601	311.27	4.2508	4.4227	9.3485	0.73287	1.5586
Nov	1.9558	7.6074	27.039	7.4602	312.27	4.2494	4.4453	9.3133	0.70658	1.5011
Dec	1.9558	7.6397	27.027	7.4612	314.40	4.2900	4.5033	9.2451	0.72595	1.5009
2016 Jan	1.9558	7.6582	27.027	7.4619	314.68	4.4074	4.5311	9.2826	0.75459	1.5510
Feb	1.9558	7.6355	27.040	7.4628	310.37	4.3970	4.4814	9.4105	0.77559	1.5556
Mar	1.9558	7.5593	27.051	7.4569	311.15	4.2932	4.4666	9.2848	0.78020	1.4823
Apr	1.9558	7.4947	27.031	7.4427	311.46	4.3106	4.4724	9.2027	0.79230	1.4802
May	1.9558	7.4979	27.026	7.4386	314.58	4.4039	4.4991	9.2948	0.77779	1.5461
June	1.9558	7.5204	27.061	7.4371	313.98	4.3996	4.5230	9.3338	0.79049	1.5173
July	1.9558	7.4930	27.042	7.4390	314.35	4.3964	4.4856	9.4742	0.84106	1.4694
Aug	1.9558	7.4866	27.025	7.4408	310.21	4.3005	4.4591	9.4913	0.85521	1.4690
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

\* 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
2.5694	1.3285	8.0599	10.0588	–	70.5579	12,590.61	4.7769	122.99	1,430.31	4.0309			2013 Mar
2.6060	1.3268	8.0564	10.1110	–	70.7738	12,664.51	4.7164	127.54	1,460.89	3.9686			Apr
2.6414	1.3257	7.9715	10.0766	–	71.4760	12,673.13	4.7223	131.13	1,444.56	3.9200			May
2.8613	1.3596	8.0905	10.2349	–	77.0284	13,033.31	4.7865	128.40	1,498.33	4.1488			June
2.9438	1.3619	8.0234	10.1455	–	78.1762	13,189.17	4.7153	130.39	1,473.35	4.1746			July
3.1170	1.3853	8.1477	10.3223	–	83.9480	14,168.72	4.7610	130.34	1,485.93	4.3631			Aug
3.0345	1.3817	8.1690	10.3504	–	85.2678	15,073.16	4.7636	132.41	1,446.60	4.3410			Sep
2.9860	1.4128	8.3226	10.5724	–	84.0071	15,109.54	4.8232	133.32	1,454.73	4.3283			Oct
3.0959	1.4145	8.2221	10.4604	–	84.4990	15,575.06	4.7711	134.97	1,434.06	4.3176			Nov
3.2133	1.4580	8.3248	10.6254	–	84.7631	16,455.73	4.8019	141.68	1,446.99	4.4517			Dec
3.2437	1.4884	8.2368	10.5586	–	84.5099	16,471.94	4.7569	141.47	1,453.94	4.5005			2014 Jan
3.2581	1.5094	8.3062	10.6012	–	84.9503	16,270.18	4.8043	139.35	1,462.51	4.5194			Feb
3.2187	1.5352	8.5332	10.7283	–	84.2990	15,785.89	4.8087	141.48	1,479.99	4.5361			Mar
3.0864	1.5181	8.5984	10.7107	–	83.3624	15,801.66	4.8010	141.62	1,441.28	4.4989			Apr
3.0512	1.4951	8.5658	10.6456	–	81.4318	15,830.12	4.7600	139.74	1,407.13	4.4337			May
3.0388	1.4728	8.4698	10.5365	–	81.2046	16,167.87	4.6966	138.72	1,385.45	4.3760			June
3.0109	1.4524	8.3940	10.4935	–	81.3058	15,789.65	4.6325	137.72	1,382.29	4.3100			July
3.0219	1.4548	8.1965	10.3207	–	81.0709	15,603.10	4.6569	137.11	1,364.17	4.2310			Aug
3.0089	1.4196	7.9207	10.0019	–	78.5676	15,362.85	4.6896	138.39	1,336.02	4.1522			Sep
3.1018	1.4214	7.7635	9.8309	–	77.7896	15,389.80	4.7249	136.85	1,345.25	4.1436			Oct
3.1829	1.4136	7.6411	9.6716	–	76.9566	15,177.15	4.7783	145.03	1,370.36	4.1747			Nov
3.2499	1.4216	7.6330	9.5626	–	77.3781	15,351.19	4.8503	147.06	1,359.97	4.2903			Dec
3.0639	1.4039	7.2269	9.0102	–	72.2141	14,617.69	4.5856	137.47	1,266.19	4.1648			2015 Jan
3.1977	1.4199	7.0960	8.8020	–	70.4356	14,504.28	4.4192	134.69	1,250.50	4.0822			Feb
3.3997	1.3661	6.7623	8.4081	–	67.7387	14,152.16	4.3325	130.41	1,205.92	3.9889			Mar
3.2800	1.3313	6.6863	8.3550	–	67.6432	13,950.49	4.2456	128.94	1,170.32	3.9118			Apr
3.4105	1.3568	6.9165	8.6436	–	71.1153	14,650.36	4.3086	134.75	1,220.20	4.0191			May
3.4941	1.3854	6.9587	8.6935	–	71.5873	14,919.43	4.2891	138.74	1,248.79	4.1949			June
3.5405	1.4124	6.8269	8.5236	–	69.9960	14,720.40	4.1679	135.68	1,260.75	4.1824			July
3.9118	1.4637	7.0626	8.6358	–	72.5361	15,370.92	4.2836	137.12	1,313.48	4.5297			Aug
4.3666	1.4882	7.1462	8.6966	–	74.2990	16,175.76	4.3917	134.85	1,329.94	4.8286			Sep
4.3599	1.4685	7.1346	8.7073	–	73.1116	15,482.55	4.3414	134.84	1,286.06	4.7818			Oct
4.0601	1.4248	6.8398	8.3211	–	71.0406	14,685.99	4.1760	131.60	1,239.19	4.6328			Nov
4.2145	1.4904	7.0193	8.4307	–	72.3851	15,087.43	4.2199	132.36	1,277.56	4.6615			Dec
4.4021	1.5447	7.1393	8.4509	–	73.2036	15,069.76	4.2903	128.32	1,307.56	4.7162			2016 Jan
4.3953	1.5317	7.2658	8.6333	–	75.7172	14,985.33	4.3336	127.35	1,349.77	4.6411			Feb
4.1195	1.4697	7.2220	8.6152	–	74.3018	14,629.58	4.2927	125.39	1,314.89	4.5167			Mar
4.0374	1.4559	7.3461	8.7954	–	75.3823	14,932.22	4.2812	124.29	1,300.58	4.4232			Apr
3.9983	1.4626	7.3864	8.7815	–	75.7016	15,188.82	4.3115	123.21	1,329.46	4.5755			May
3.8570	1.4477	7.4023	8.7162	–	75.5592	14,969.03	4.3323	118.45	1,310.59	4.5760			June
3.6263	1.4428	7.3910	8.5858	–	74.3738	14,520.91	4.2686	115.25	1,264.05	4.4471			July
3.5983	1.4557	7.4537	8.6961	–	75.0303	14,757.31	4.2559	113.49	1,245.55	4.5141			Aug
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

## 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 Mar	16.2322	1.5657	7.4863	52.813	39.9332	1.6164	11.9169	1.2266	38.264	2.3453	1.2964
Apr	15.8895	1.5348	7.5444	53.649	40.7995	1.6120	11.8592	1.2199	37.857	2.3406	1.3026
May	15.9776	1.5774	7.5589	53.693	40.6842	1.6219	12.1798	1.2418	38.667	2.3739	1.2982
June	17.0716	1.6682	7.7394	56.658	42.6490	1.6613	13.2088	1.2322	40.664	2.5028	1.3189
July	16.6893	1.6590	7.8837	56.698	42.8590	1.6595	12.9674	1.2366	40.714	2.5274	1.3080
Aug	17.1996	1.6829	7.9386	58.471	43.9748	1.6941	13.4190	1.2338	42.072	2.6125	1.3310
Sep	17.4471	1.6406	7.9725	58.346	43.5144	1.6860	13.3287	1.2338	42.312	2.6952	1.3348
Oct	17.7413	1.6351	8.1208	58.809	43.7440	1.6956	13.5283	1.2316	42.549	2.7095	1.3635
Nov	17.6340	1.6327	8.2055	58.811	44.1581	1.6833	13.7626	1.2316	42.695	2.7316	1.3493
Dec	17.8278	1.6659	8.4053	60.552	45.0628	1.7244	14.2234	1.2245	44.323	2.8276	1.3704
2014 Jan	17.9964	1.6450	8.3927	61.263	46.0304	1.7327	14.8242	1.2317	44.822	3.0297	1.3610
Feb	18.1561	1.6466	8.3562	61.238	48.2554	1.7295	14.9820	1.2212	44.568	3.0184	1.3659
Mar	18.2447	1.6199	8.2906	61.901	49.9477	1.7513	14.8613	1.2177	44.765	3.0629	1.3823
Apr	18.0485	1.6049	8.2506	61.646	49.2978	1.7345	14.5815	1.2189	44.657	2.9393	1.3813
May	17.7620	1.5957	8.1513	60.258	47.8403	1.7189	14.2995	1.2204	44.686	2.8736	1.3732
June	17.6516	1.5769	8.2149	59.543	46.7509	1.7008	14.5094	1.2181	44.195	2.8808	1.3592
July	17.5834	1.5578	8.3880	58.844	46.9984	1.6825	14.4366	1.2150	43.470	2.8699	1.3539
Aug	17.5051	1.5783	8.2522	58.320	48.1781	1.6622	14.2052	1.2118	42.644	2.8784	1.3316
Sep	17.0717	1.5841	8.1798	57.033	49.0519	1.6295	14.1578	1.2076	41.536	2.8543	1.2901
Oct	17.0713	1.6090	8.3136	56.807	51.9380	1.6154	14.0266	1.2078	41.139	2.8577	1.2673
Nov	16.9850	1.5928	8.4912	56.101	57.5193	1.6173	13.8359	1.2027	40.908	2.7885	1.2472
Dec	17.8692	1.5874	8.9802	55.092	70.3269	1.6213	14.1582	1.2026	40.564	2.8304	1.2331
2015 Jan	17.0782	1.5213	8.9320	51.791	75.0459	1.5545	13.4598	1.0940	38.056	2.7153	1.1621
Feb	16.9310	1.5236	8.6188	50.174	73.0742	1.5382	13.1532	1.0618	36.963	2.7958	1.1350
Mar	16.4941	1.4506	8.6434	48.227	65.1401	1.4913	13.0756	1.0608	35.355	2.8077	1.0838
Apr	16.4288	1.4217	8.5057	47.863	56.7415	1.4539	12.9588	1.0379	35.072	2.8743	1.0779
May	17.0378	1.5112	8.4103	49.741	56.3735	1.4882	13.3506	1.0391	37.408	2.9491	1.1150
June	17.3467	1.6046	8.7550	50.508	61.2390	1.5091	13.7965	1.0455	37.818	3.0299	1.1213
July	17.5297	1.6542	8.9357	49.814	63.2077	1.4972	13.6973	1.0492	37.760	2.9705	1.0996
Aug	18.4333	1.7001	9.1815	51.536	73.3597	1.5573	14.3821	1.0777	39.465	3.1826	1.1139
Sep	18.8821	1.7714	9.3075	52.456	74.8040	1.5879	15.3065	1.0913	40.426	3.3835	1.1221
Oct	18.6216	1.6794	9.2892	52.070	70.9490	1.5731	15.1579	1.0882	40.092	3.2887	1.1235
Nov	17.8605	1.6365	9.2572	50.537	69.7899	1.5181	15.1743	1.0833	38.432	3.0849	1.0736
Dec	18.5500	1.6133	9.4642	51.337	76.3576	1.5321	16.3210	1.0827	39.162	3.1800	1.0877
2016 Jan	19.6039	1.6654	9.5899	51.654	83.8638	1.5561	17.7592	1.0941	39.249	3.2713	1.0860
Feb	20.4826	1.6732	9.5628	52.816	85.6158	1.5596	17.4987	1.1018	39.507	3.2638	1.1093
Mar	19.5943	1.6481	9.4300	51.722	77.9394	1.5247	17.1222	1.0920	39.089	3.2072	1.1100
Apr	19.8402	1.6458	9.3224	52.598	75.4333	1.5308	16.5695	1.0930	39.780	3.2135	1.1339
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

\* 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
<b>End of year</b>									
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	–	–
<b>Annual averages +</b>									
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
<b>End of year</b>									
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
<b>Annual averages +</b>									
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 <sup>1</sup>	Hong Kong Hong Kong dollar HKD	Iceland Icelandic krona ISK <sup>2</sup>	India Indian rupee INR <sup>3</sup>	Indonesia Indonesian rupiah IDR <sup>1</sup>	Israel New Israeli shekel ILS <sup>4</sup>	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW	Malaysia Malaysian ringgit MYR <sup>1</sup>	Mexico Mexican peso MXN <sup>5</sup>
<b>End of year</b>										
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
<b>Annual averages +</b>										
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 <sup>1</sup>	Russian Federation Russian rouble RUB <sup>1</sup>	Singapore Singapore dollar SGD	South Africa South African rand ZAR	Switzerland Swiss franc CHF	Thailand Thai baht THB <sup>1</sup>	Turkey Turkish lira / New Turkish lira TRL / TRY <sup>6</sup>	United States US dollar USD
<b>End of year</b>										
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	<sup>6</sup> 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
<b>Annual averages +</b>										
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	<sup>6</sup> 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

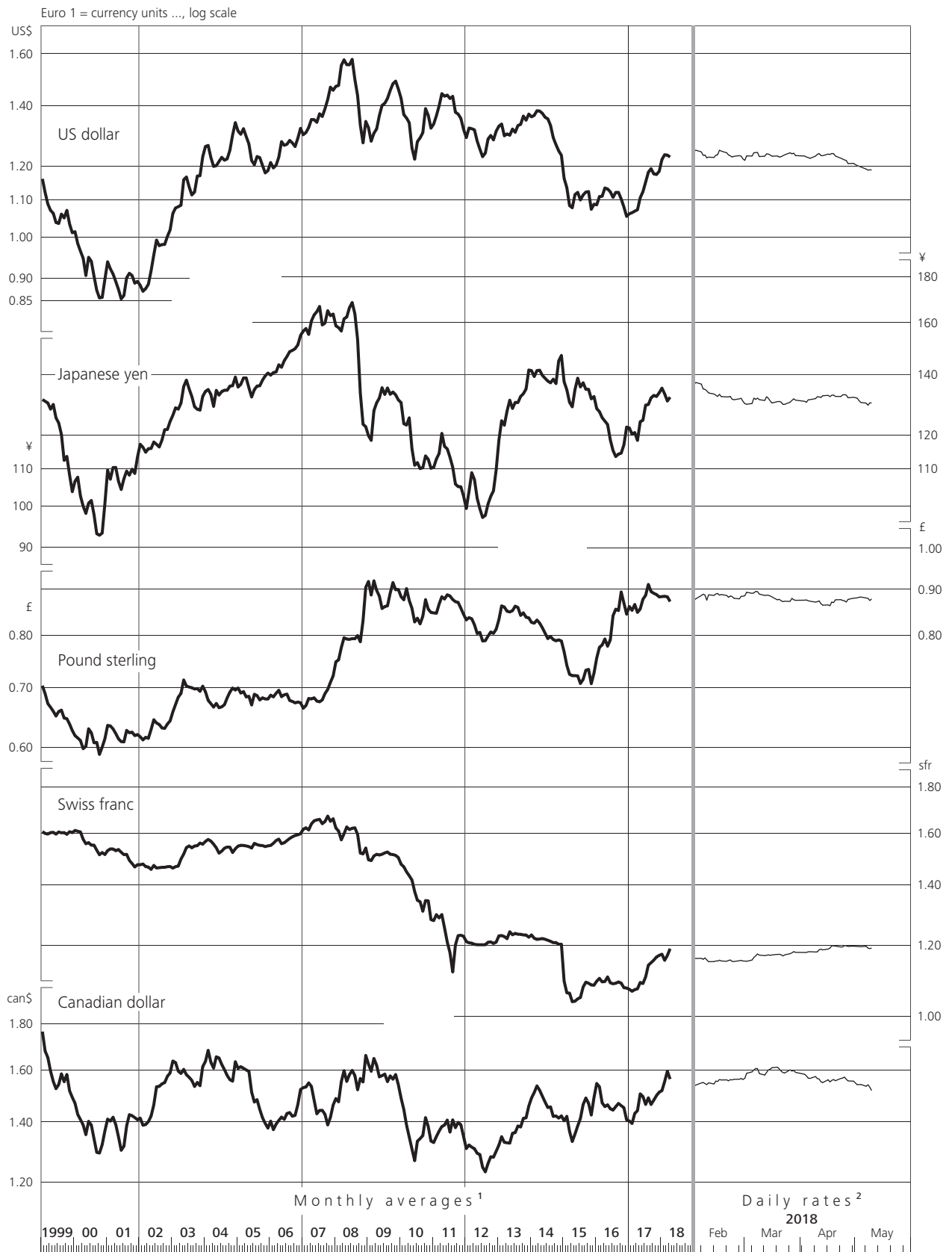
\* See Explanatory notes, p 51. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. <sup>1</sup> Up to March 2005, ECB indicative rates. <sup>2</sup> The ECB has not fixed a euro foreign exchange reference rate for the Icelandic krona since 4 December 2008. <sup>3</sup> Up to December

2008, ECB indicative rates. <sup>4</sup> Up to December 2010, ECB indicative rates. <sup>5</sup> Up to December 2007, ECB indicative rates. <sup>6</sup> 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



<sup>1</sup> Last monthly average: April 2018. <sup>2</sup> Last updated: 9 May 2018.

### III Effective exchange rates of the euro \*

#### 1 Annual and monthly averages

1999 Q1 = 100

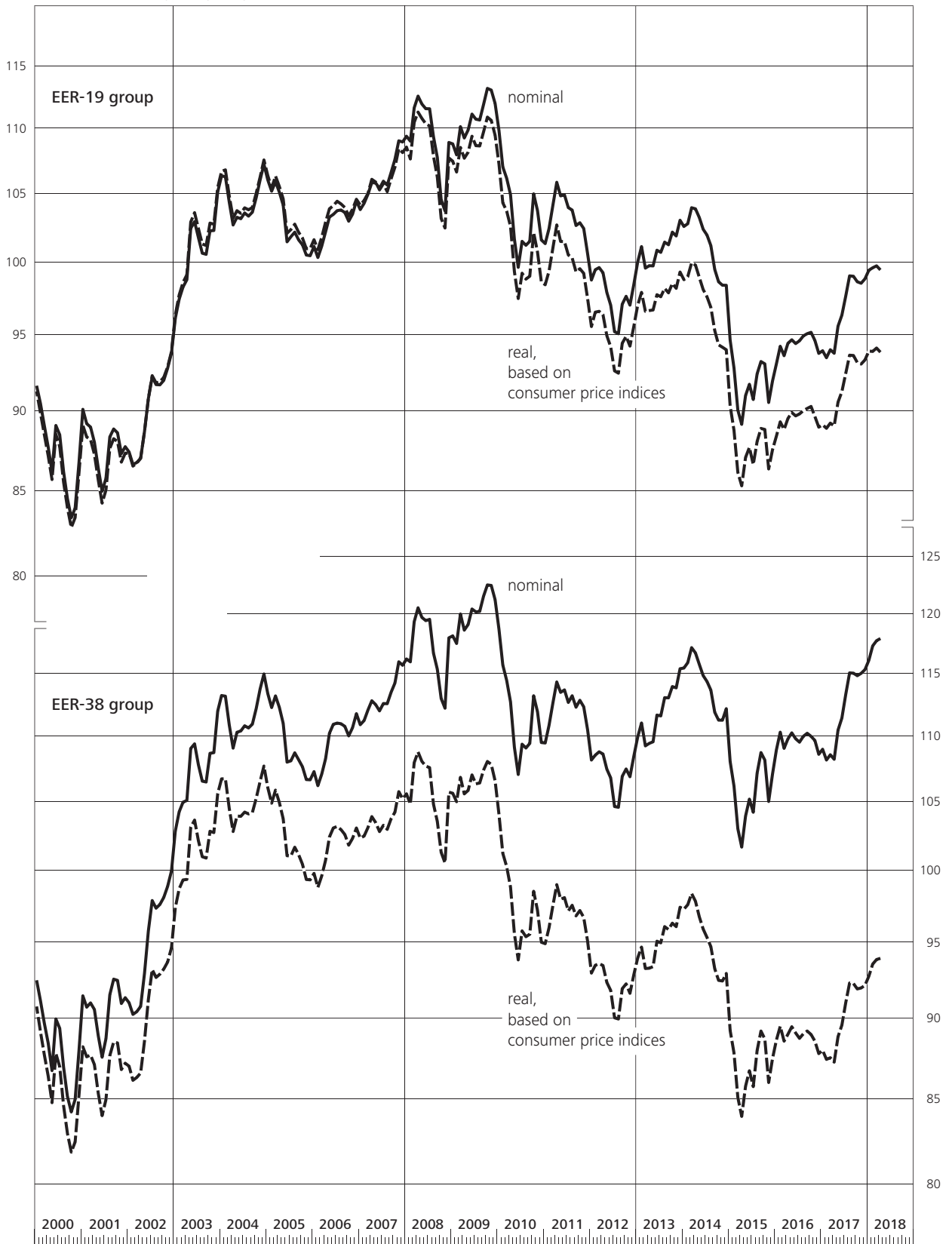
Period	Effective exchange rate of the euro vis-à-vis the currencies of the group <sup>1</sup>				<i>Memo item</i> Indicators of the German economy's price competitiveness based on consumer price indices vis-à-vis					
	EER-19		EER-38		26 selected industrial countries			37 countries	56 countries	
	Nominal	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 July	102.0	97.6	114.3	95.3	98.2	93.7	105.4	91.9	90.7	
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	88.7	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	88.0	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	93.4	94.4	86.7	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 89.5	94.7	93.6	96.3	87.7	p 87.4	
June	94.4	89.7	109.8	p 89.1	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	87.1	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 89.6	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	93.9	102.5	89.8	p 89.3	
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	p 93.9	116.1	p 92.7	97.6	93.6	103.8	p 89.8	p 89.3	
Feb	99.6	p 93.9	117.3	p 93.5	97.7	93.7	103.9	p 89.9	p 89.5	
Mar	99.7	p 94.1	117.7	p 93.8	p 97.8	p 93.7	104.1	p 90.0	p 89.7	
Apr	99.5	p 93.8	117.9	p 93.9	p 97.8	p 93.7	p 104.2	p 89.8	p 89.7	

\* See Explanatory notes, p 51. <sup>1</sup> 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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month			
					February 2018	March 2018	April 2018	
<b>Afghanistan</b>								
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 68.1445	AFN 69.0725	AFN 69.3140	AFN 70.2250	
		S	USD 1 =	AFN 68.2445	AFN 69.1725	AFN 69.4140	AFN 70.3250	
	AFN	B	EUR 1 =	AFN 77.1114	AFN 84.8144	AFN 85.1669	AFN 84.9981	
		S	EUR 1 =	AFN 77.3714	AFN 85.0744	AFN 85.4269	AFN 85.2581	
	<b>Albania</b>							
	Tirana 070	Albanian lek = 100 qindarka	M	USD 1 =	ALL 118.94	ALL 108.12	ALL 105.80	ALL 106.28
M			EUR 1 =	ALL 134.16	ALL 132.23	ALL 130.44	ALL 128.74	
ALL								
<b>Algeria</b>								
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 111.0969	DZD 114.3848	DZD 114.0334	DZD 114.9742	
		S	USD 1 =	DZD 111.1119	DZD 114.3998	DZD 114.0484	DZD 114.9892	
	DZD	B	EUR 1 =	DZD 125.6478	DZD 139.8240	DZD 140.5804	DZD 138.9463	
		S	EUR 1 =	DZD 125.6908	DZD 139.8995	DZD 140.6331	DZD 138.9874	
	<b>Angola <sup>1</sup></b>							
	Luanda 330	Kwanza = 100 cêntimos	B	USD 1 =	AOA 165.091	AOA 212.914	AOA 213.890	AOA 225.688
S			USD 1 =	AOA 166.742	AOA 213.361	AOA 214.357	AOA 226.216	
AOA		B	EUR 1 =	AOA 184.490	AOA 261.650	AOA 264.047	AOA 272.586	
		S	EUR 1 =	AOA 186.296	AOA 262.306	AOA 264.709	AOA 273.269	
<b>Antigua and Barbuda</b>								
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 3.2834	XCD 3.3121	XCD 3.2471	
		V, S	EUR 1 =	XCD 3.0693	XCD 3.3184	XCD 3.3475	XCD 3.2817	
	<b>Argentina</b>							
	Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 16.4721	ARS 20.0100	ARS 20.0490	ARS 20.4400
S			USD 1 =	ARS 16.5721	ARS 20.1100	ARS 20.1490	ARS 20.5400	
ARS		B	EUR 1 =	ARS 18.6421	ARS 24.4062	ARS 24.6663	ARS 24.7201	
		S	EUR 1 =	ARS 18.7969	ARS 24.5784	ARS 24.8397	ARS 24.8924	
<b>Armenia</b>								
Yerevan 077		Armenian dram = 100 luma	M	USD 1 =	AMD 482.78	AMD 480.81	AMD 480.06	AMD 483.32
	M		EUR 1 =	AMD 545.83	AMD 587.50	AMD 591.72	AMD 583.90	
AMD								
<b>Aruba</b>								
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 217.54	AWG 219.44	AWG 215.13	
		S	EUR 100 =	AWG 204.55	AWG 219.72	AWG 221.65	AWG 217.30	

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> 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		
					February 2018	March 2018	April 2018
<b>Australia</b>							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.7681	USD 0.7792	USD 0.7665	USD 0.7570
		M	AUD 1 =	EUR 0.6784	EUR 0.6374	EUR 0.6217	EUR 0.6237
<b>Austria</b>							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079
<b>Azerbaijan</b>							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 1.7189	AZN 1.7001	AZN 1.7000	AZN 1.7000
		M	EUR 1 =	AZN 1.9419	AZN 2.0781	AZN 2.0962	AZN 2.0618
<b>Bahamas</b>							
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 1.21529	BSD 1.22594	BSD 1.20186
		V, S	EUR 1 =	BSD 1.14382	BSD 1.23667	BSD 1.24750	BSD 1.22300
<b>Bahrain</b>							
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 0.4471700	BHD 0.4499636	BHD 0.4431445
		S	EUR 1 =	BHD 0.4414323	BHD 0.4748300	BHD 0.4777964	BHD 0.4705555
<b>Bangladesh <sup>1</sup></b>							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 80.6296	BDT 82.9600	BDT 82.9600	BDT 82.9800
		S	USD 1 =	BDT 80.6342	BDT 82.9600	BDT 82.9600	BDT 82.9800
		B	EUR 1 =	BDT 91.8261	BDT 101.1531	BDT 102.2150	BDT 99.1611
		S	EUR 1 =	BDT 91.8648	BDT 101.1780	BDT 102.2399	BDT 99.1860
<b>Barbados</b>							
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 2.43877	BBD 2.45132	BBD 2.41209
		S	EUR 1 =	BBD 2.30526	BBD 2.48449	BBD 2.49727	BBD 2.45731
<b>Belarus</b>							
Minsk 073	Belarusian rouble = 100 kopecks BYN	M	USD 1 =	BYN 1.9314	BYN 1.9537	BYN 1.9568	BYN 2.0000
		M	EUR 1 =	BYN 2.1862	BYN 2.4101	BYN 2.4087	BYN 2.4258

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> Value against the US dollar.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month		
					February 2018	March 2018	April 2018
<b>Belgium</b>							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079
<b>Belize</b>							
Belmopan 421	Belize dollar = 100 cents	<sup>2</sup> B	USD 1 =	BZD 1.9825	BZD 1.9825	BZD 1.9825	BZD 1.9825
		<sup>2</sup> S	USD 1 =	BZD 2.0175	BZD 2.0175	BZD 2.0175	BZD 2.0175
	B	EUR 1 =	BZD 2.2540	BZD 2.4196	BZD 2.4432	BZD 2.3929	
	BZD	S	EUR 1 =	BZD 2.2937	BZD 2.4624	BZD 2.4864	BZD 2.4351
<b>Benin <sup>1</sup></b>							
Porto-Novo Seat of Government: Cotonou 284	CFA franc XOF	V	USD 1 =	XOF 580.647	XOF 537.053	XOF 532.389	XOF 543.056
		<sup>3</sup>	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Bermuda</b>							
Hamilton 413	Bermudian dollar = 100 cents	<sup>2</sup> B	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
		<sup>2</sup> S	USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
	V, B	EUR 1 =	BMD 1.1252	BMD 1.2165	BMD 1.2272	BMD 1.2031	
	V, S	EUR 1 =	BMD 1.1346	BMD 1.2267	BMD 1.2374	BMD 1.2131	
<b>Bhutan <sup>1</sup></b>							
Thimphu 675	Ngultrum = 100 chhetrum	B	USD 1 =	BTN 63.91	BTN 63.90	BTN 64.15	BTN 65.70
		S	USD 1 =	BTN 66.02	BTN 66.05	BTN 66.25	BTN 67.90
	B	EUR 1 =	BTN 72.64	BTN 78.85	BTN 79.55	BTN 79.40	
	S	EUR 1 =	BTN 74.64	BTN 81.00	BTN 81.75	BTN 81.60	
<b>Bolivia, Plurinational State of</b>							
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 8.3788	BOB 8.4522	BOB 8.2862
		V, S	EUR 1 =	BOB 7.8485	BOB 8.5009	BOB 8.5754	BOB 8.4070
<b>Bosnia and Herzegovina</b>							
Sarajevo 093	Convertible marka = 100 feninga	B	USD 1 =	BAM 1.720423	BAM 1.586001	BAM 1.583428	BAM 1.616355
		S	USD 1 =	BAM 1.729046	BAM 1.593951	BAM 1.591364	BAM 1.624457
	BAM	<sup>3</sup>	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583
<b>Botswana</b>							
Gaborone 391	Pula = 100 thebe	B	BWP 1 =	USD 0.0972	USD 0.1048	USD 0.1046	USD 0.1019
		S	BWP 1 =	USD 0.0970	USD 0.1046	USD 0.1044	USD 0.1016
	B	BWP 1 =	EUR 0.0856	EUR 0.0858	EUR 0.0849	EUR 0.0843	
	S	BWP 1 =	EUR 0.0854	EUR 0.0856	EUR 0.0847	EUR 0.0841	

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> Value against the US dollar. <sup>3</sup> Value against the euro.

## IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month		
					February 2018	March 2018	April 2018
<b>Brazil</b>							
Brasília 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 3.1919	BRL 3.2443	BRL 3.3232	BRL 3.4805
		S	USD 1 =	BRL 3.1925	BRL 3.2449	BRL 3.3238	BRL 3.4811
	BRL	B	EUR 1 =	BRL 3.6485	BRL 3.9564	BRL 4.0829	BRL 4.2020
		S	EUR 1 =	BRL 3.6502	BRL 3.9585	BRL 4.0850	BRL 4.2031
<b>Brunei Darussalam <sup>1</sup></b>							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3657	BND 1.3157	BND 1.3033	BND 1.3139
		S	USD 1 =	BND 1.3862	BND 1.3342	BND 1.3218	BND 1.3324
	BND	B	EUR 1 =	BND 1.5347	BND 1.5956	BND 1.5907	BND 1.5798
		S	EUR 1 =	BND 1.5912	BND 1.6505	BND 1.6455	BND 1.6345
<b>Bulgaria</b>							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.73478	BGN 1.60130	BGN 1.58740	BGN 1.61920
		2	EUR 1 =	BGN 1.95583	BGN 1.95583	BGN 1.95583	BGN 1.95583
<b>Burkina Faso <sup>1</sup></b>							
Ouagadougou 236	CFA franc XOF	V	USD 1 =	XOF 580.647	XOF 537.053	XOF 532.389	XOF 543.056
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Burundi</b>							
Bujumbura 328	Burundi franc = 100 centimes	B	USD 1 =	BIF 1,715.1343	BIF 1,754.7849	BIF 1,757.8341	BIF 1,759.0815
		S	USD 1 =	BIF 1,749.2041	BIF 1,790.2351	BIF 1,793.3459	BIF 1,794.6185
	BIF	B	EUR 1 =	BIF 1,948.7043	BIF 2,145.3123	BIF 2,163.1907	BIF 2,130.0718
		S	EUR 1 =	BIF 1,987.4246	BIF 2,188.6519	BIF 2,206.8915	BIF 2,173.1036
<b>Cabo Verde</b>							
Praia 247	Cabo Verde escudo = 100 centavos	B	USD 1 =	CVE 97.230	CVE 89.538	CVE 88.837	CVE 91.254
		S	USD 1 =	CVE 97.432	CVE 89.740	CVE 89.039	CVE 91.456
	CVE	2	EUR 1 =	CVE 110.265	CVE 110.265	CVE 110.265	CVE 110.265
<b>Cambodia</b>							
Phnom Penh 696	Riel = 100 sen KHR	M	USD 1 =	KHR 4,045	KHR 4,010	KHR 4,000	KHR 4,032
		B	EUR 1 =	KHR 4,595	KHR 4,903	KHR 4,919	KHR 4,887
	S	EUR 1 =	KHR 4,641	KHR 4,952	KHR 4,968	KHR 4,936	
<b>Cameroon <sup>1</sup></b>							
Yaoundé 302	CFA franc XAF	V	USD 1 =	XAF 580.647	XAF 537.053	XAF 532.389	XAF 543.056
		2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
<b>Canada</b>							
Ottawa 404	Canadian dollar = 100 cents CAD	M	USD 1 =	CAD 1.2986	CAD 1.2809	CAD 1.2894	CAD 1.2836
		M	EUR 1 =	CAD 1.4749	CAD 1.5638	CAD 1.5867	CAD 1.5509

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> Value against the euro.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month		
					February 2018	March 2018	April 2018
<b>Cayman Islands</b>							
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 1.0178	KYD 1.0268	KYD 1.0066
<b>Central African Republic <sup>1</sup></b>							
Bangui 306	CFA franc XAF	V	USD 1 =	XAF 580.647	XAF 537.053	XAF 532.389	XAF 543.056
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
<b>Chad <sup>1</sup></b>							
N'Djaména 244	CFA franc XAF	V	USD 1 =	XAF 580.647	XAF 537.053	XAF 532.389	XAF 543.056
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
<b>Chile</b>							
Santiago 512	Chilean peso = 100 centavos CLP	M	USD 1 =	CLP 648.64	CLP 589.15	CLP 605.26	CLP 605.74
		M	EUR 1 =	CLP 730.93	CLP 720.94	CLP 746.50	CLP 733.25
<b>China</b>							
Peking / Beijing 720	Chinese renminbi <sup>4</sup> 1 yuan (renminbi) = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.7513	CNY 6.3294	CNY 6.2881	CNY 6.3393
		M	EUR 1 =	CNY 7.6579	CNY 7.7355	CNY 7.7378	CNY 7.6714
		M	HKD 1 =	CNY 0.86568	CNY 0.80858	CNY 0.80125	CNY 0.80785
<b>China (Taiwan)</b>							
Taipei 736	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 30.31	TWD 29.145	TWD 29.055	TWD 29.520
		S	USD 1 =	TWD 30.41	TWD 29.245	TWD 29.155	TWD 29.620
		B	EUR 1 =	TWD 34.13	TWD 35.83	TWD 35.67	TWD 35.68
		S	EUR 1 =	TWD 34.53	TWD 36.23	TWD 36.07	TWD 36.08
<b>Colombia</b>							
Bogotá 480	Colombian peso = 100 centavos COP	M	USD 1 =	COP 2,951.285	COP 2,855.93	COP 2,780.47	COP 2,806.28
		V, M	EUR 1 =	COP 3,329.382	COP 3,488.233	COP 3,425.817	COP 3,389.706
<b>Comoros</b>							
Moroni 375	Comorian franc = 100 centimes KMF	V	USD 1 =	KMF 435.48531	KMF 402.79004	KMF 399.29206	KMF 407.29179
		3	EUR 1 =	KMF 491.96775	KMF 491.96775	KMF 491.96775	KMF 491.96775
<b>Congo <sup>1</sup></b>							
Brazzaville 318	CFA franc XAF	V	USD 1 =	XAF 580.647	XAF 537.053	XAF 532.389	XAF 543.056
		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. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff.

<sup>2</sup> Value against the US dollar. <sup>3</sup> Value against the euro. <sup>4</sup> 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		
					February 2018	March 2018	April 2018
<b>Congo, Democratic Republic of the</b>							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 1,455.5068	CDF 1,582.6445	CDF 1,585.4441	CDF 1,586.2024
		S	USD 1 =	CDF 1,514.9152	CDF 1,647.2423	CDF 1,650.1561	CDF 1,650.9454
	CDF	B	EUR 1 =	CDF 1,658.2101	CDF 1,947.0301	CDF 1,951.6153	CDF 1,919.9880
		S	EUR 1 =	CDF 1,725.8701	CDF 2,026.5007	CDF 2,031.2731	CDF 1,998.3549
<b>Cook Islands <sup>1</sup></b>							
Avarua 837	Cook Islands dollar <sup>2</sup> = 100 cents  NZD	B	NZD 1 =	EUR 0.6438	EUR 0.6057	EUR 0.5983	EUR 0.5978
		S	NZD 1 =	EUR 0.6162	EUR 0.5799	EUR 0.5728	EUR 0.5722
<b>Costa Rica</b>							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 563.02	CRC 567.12	CRC 562.40	CRC 562.04
		S	USD 1 =	CRC 572.30	CRC 572.82	CRC 569.31	CRC 568.31
	CRC	V, B	EUR 1 =	CRC 640.4559	CRC 692.6804	CRC 692.9330	CRC 678.8881
		V, S	EUR 1 =	CRC 650.8521	CRC 699.6423	CRC 701.4469	CRC 686.4616
<b>Côte d'Ivoire <sup>1</sup></b>							
Yamoussoukro Seat of Government: Abidjan 272	CFA franc  XOF	V	USD 1 =	XOF 580.647	XOF 537.053	XOF 532.389	XOF 543.056
		<sup>3</sup>	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Croatia</b>							
Zagreb 092	Kuna = 100 lipa	B	USD 1 =	HRK 6.585977	HRK 6.019385	HRK 6.011463	HRK 6.116767
		S	USD 1 =	HRK 6.625612	HRK 6.055609	HRK 6.047641	HRK 6.153579
	HRK	B	EUR 1 =	HRK 7.438069	HRK 7.418891	HRK 7.409730	HRK 7.390891
		S	EUR 1 =	HRK 7.482832	HRK 7.463539	HRK 7.454322	HRK 7.435369
<b>Cuba <sup>1</sup></b>							
Havana 448	Convertible peso / Cuban peso = 100 centavos	<sup>4</sup> B	CUC 1 =	USD 1.03182	USD 1.02827	USD 1.02827	USD 1.01009
		<sup>4</sup> S	CUC 1 =	USD 0.97009	USD 0.97324	USD 0.97324	USD 0.99010
	CUC / CUP	B	EUR 1 =	CUC 1.10202	CUC 1.19029	CUC 1.19719	CUC 1.20042
		S	EUR 1 =	CUC 1.17106	CUC 1.25761	CUC 1.26491	CUC 1.22468
<b>Curaçao</b>							
Willemstad 477	Netherlands Antillean guilder = 100 cent	<sup>4</sup> B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		<sup>4</sup> S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 202.47	ANG 217.54	ANG 219.44	ANG 215.13
		S	EUR 100 =	ANG 206.55	ANG 221.92	ANG 223.87	ANG 219.47
<b>Cyprus</b>							
Nicosia 600	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079
<b>Czechia</b>							
Prague 061	Czech koruna = 100 heller  CZK	M	USD 1 =	CZK 23.382	CZK 20.816	CZK 20.641	CZK 21.144
		M	EUR 1 =	CZK 26.289	CZK 25.420	CZK 25.430	CZK 25.540

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff.

<sup>2</sup> Parity in relation to the New Zealand dollar. <sup>3</sup> Value against the euro. <sup>4</sup> Value against the US dollar.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month		
					February 2018	March 2018	April 2018
<b>Denmark</b>							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 659.53	DKK 609.67	DKK 601.01	DKK 616.78
		M	EUR 100 =	DKK 743.90	DKK 744.65	DKK 745.13	DKK 745.01
<b>Djibouti</b>							
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 214.44	DJF 216.36 r	DJF .
		S	EUR 1 =	DJF 207.47	DJF 222.81	DJF 224.80 r	DJF .
<b>Dominica</b>							
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 3.2834	XCD 3.3121	XCD 3.2471
		V, S	EUR 1 =	XCD 3.0693	XCD 3.3184	XCD 3.3475	XCD 3.2817
<b>Dominican Republic</b>							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 47.1821	DOP 48.5800	DOP 48.8978	DOP 49.0023
		S	USD 1 =	DOP 47.6080	DOP 49.0382	DOP 49.3519	DOP 49.4360
		B	EUR 1 =	DOP 52.6036	DOP 59.0600	DOP 59.6275	DOP 59.1758
		S	EUR 1 =	DOP 55.8669	DOP 62.2905	DOP 62.7452	DOP 62.4573
<b>Egypt</b>							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 17.7125	EGP 17.5600	EGP 17.5500	EGP 17.5700
		S	USD 1 =	EGP 17.8063	EGP 17.6600	EGP 17.6500	EGP 17.6700
		B	EUR 1 =	EGP 19.9838	EGP 21.4214	EGP 21.5812	EGP 21.2140
		S	EUR 1 =	EGP 20.2009	EGP 21.6176	EGP 21.7713	EGP 21.4496
<b>El Salvador <sup>1</sup></b>							
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 10.6873	SVC 10.7809	SVC 10.5691
<b>Equatorial Guinea <sup>1</sup></b>							
Malabo 310	CFA franc XAF	V	USD 1 =	XAF 580.647	XAF 537.053	XAF 532.389	XAF 543.056
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
<b>Eritrea</b>							
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 18.5025	ERN 18.4845	ERN 18.2745
		S	EUR 1 =	ERN 17.7432	ERN 19.1387	ERN 19.1207	ERN 18.9107
<b>Estonia</b>							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> 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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month		
					February 2018	March 2018	April 2018
<b>Ethiopia</b>							
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 24.0105	ETB 27.2285	ETB 27.2399	ETB 27.2454
		S	USD 1 =	ETB 24.4907	ETB 27.7731	ETB 27.7847	ETB 27.7903
	ETB	B	EUR 1 =	ETB 27.3459	ETB 33.5401	ETB 33.5405	ETB 32.8988
		S	EUR 1 =	ETB 27.9003	ETB 34.2164	ETB 34.2113	ETB 33.5568
<b>Falkland Islands (Islas Malvinas)</b>							
Stanley 529	Falkland Islands pound <sup>2</sup> = 100 pence FKP	V	USD 1 =	FKP 0.77602	FKP 0.72388	FKP 0.71009	FKP 0.72821
		V	EUR 1 =	FKP 0.87667	FKP 0.88415	FKP 0.87490	FKP 0.87960
<b>Fiji</b>							
Suva 815	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4933	USD 0.5023	USD 0.4970	USD 0.4927
		S	FJD 1 =	USD 0.4763	USD 0.4853	USD 0.4800	USD 0.4757
	FJD	B	FJD 1 =	EUR 0.4331	EUR 0.4067	EUR 0.4024	EUR 0.4050
		S	FJD 1 =	EUR 0.4211	EUR 0.3947	EUR 0.3904	EUR 0.3930
<b>Finland</b>							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079
<b>France</b>							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079
<b>Gabon <sup>1</sup></b>							
Libreville 314	CFA franc XAF	V	USD 1 =	XAF 580.647	XAF 537.053	XAF 532.389	XAF 543.056
		<sup>3</sup>	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
<b>Gambia</b>							
Banjul 252	Dalasi = 100 bututs GMD	M	USD 1 =	GMD 46.75	GMD 47.29	GMD 47.39	GMD 47.24
		M	EUR 1 =	GMD 53.21	GMD 58.49	GMD 58.43	GMD 57.95
<b>Georgia</b>							
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 =	GEL 2.5129	GEL 2.4795	GEL 2.4263	GEL 2.4617
		M	EUR 1 =	GEL 2.8415	GEL 3.0555	GEL 2.9875	GEL 2.9762
<b>Germany</b>							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> Parity in relation to the pound sterling. <sup>3</sup> Value against the euro.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month		
					February 2018	March 2018	April 2018
<b>Ghana</b>							
Accra 276	Ghana cedi = 100 Ghana pesewas	B	USD 1 =	GHS 4.3540	GHS 4.4165	GHS 4.4022	GHS 4.4056
		S	USD 1 =	GHS 4.3584	GHS 4.4209	GHS 4.4066	GHS 4.4100
	GHS	B	EUR 1 =	GHS 4.9609	GHS 5.3857	GHS 5.4160	GHS 5.3289
		S	EUR 1 =	GHS 4.9649	GHS 5.3889	GHS 5.4198	GHS 5.3327
<b>Gibraltar</b>							
Gibraltar 044	Gibraltar pound <sup>2</sup> = 100 pence GIP	V	USD 1 =	GIP 0.77602	GIP 0.72388	GIP 0.71009	GIP 0.72821
		V	EUR 1 =	GIP 0.87667	GIP 0.88415	GIP 0.87490	GIP 0.87960
<b>Greece <sup>1</sup></b>							
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079
<b>Grenada</b>							
St George's 473	East Caribbean dollar = 100 cents	<sup>3</sup> B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		<sup>3</sup> S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.0369	XCD 3.2834	XCD 3.3121	XCD 3.2471
		V, S	EUR 1 =	XCD 3.0693	XCD 3.3184	XCD 3.3475	XCD 3.2817
<b>Guatemala</b>							
Guatemala City 416	Quetzal = 100 centavos GTQ	M	USD 1 =	GTQ 7.34631	GTQ 7.37757	GTQ 7.39919	GTQ 7.41205
		V, M	EUR 1 =	GTQ 8.35181	GTQ 9.01096	GTQ 9.11654	GTQ 8.95302
<b>Guinea</b>							
Conakry 260	Guinean franc	B	USD 1 =	GNF 8,792.9167	GNF 8,710.00	GNF 8,710.00	GNF 8,650.00 <sup>4</sup>
		S	USD 1 =	GNF 9,166.6667	GNF 9,050.00	GNF 9,050.00	GNF 8,995.00 <sup>4</sup>
	GNF	B	EUR 1 =	GNF 9,979.6061	GNF 10,736.991	GNF 10,726.713	GNF 10,354.321 <sup>4</sup>
		S	EUR 1 =	GNF 10,401.3362	GNF 11,156.116	GNF 11,145.437	GNF 10,767.297 <sup>4</sup>
<b>Guinea-Bissau <sup>1</sup></b>							
Bissau 257	CFA franc XOF	V	USD 1 =	XOF 580.647	XOF 537.053	XOF 532.389	XOF 543.056
		<sup>5</sup>	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Guyana</b>							
Georgetown 488	Guyana dollar = 100 cents	B	USD 1 =	GYD 205.98	GYD 205.98	GYD 205.98	GYD 207.98
		S	USD 1 =	GYD 208.44	GYD 208.44	GYD 208.44	GYD 210.45
	GYD	B	EUR 1 =	GYD 234.17	GYD 251.67	GYD 253.57	GYD 251.09
		S	EUR 1 =	GYD 237.16	GYD 254.88	GYD 256.79	GYD 254.29

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff.

<sup>2</sup> Parity in relation to the pound sterling. <sup>3</sup> Value against the US dollar. <sup>4</sup> Exchange rate as of 3 May 2018. <sup>5</sup> Value against the euro.

IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month		
					February 2018	March 2018	April 2018
<b>Haiti</b>							
Port-au-Prince 452	Gourde = 100 centimes  HTG	M	USD 1 =	HTG 64.6157	HTG 64.1154	HTG 65.2715	HTG 65.5747
		V, M	EUR 1 =	HTG 73.3598	HTG 78.3105	HTG 80.4210	HTG 79.2077
<b>Honduras</b>							
Tegucigalpa 424	Lempira = 100 centavos  HNL	B	USD 1 =	HNL 23.4928	HNL 23.5868	HNL 23.6399	HNL 23.6594
		S	USD 1 =	HNL 23.6573	HNL 23.7519	HNL 23.8054	HNL 23.8250
		V, B	EUR 1 =	HNL 26.7110	HNL 28.8089	HNL 29.1267	HNL 28.5782
		V, S	EUR 1 =	HNL 26.8980	HNL 29.0106	HNL 29.3306	HNL 28.7782
<b>Hong Kong</b>							
Hong Kong 740	Hong Kong dollar = 100 cents  HKD	B	USD 1 =	HKD 7.77531	HKD 7.80900	HKD 7.82800	HKD 7.82870
		S	USD 1 =	HKD 7.81201	HKD 7.84930	HKD 7.86850	HKD 7.86920
		B	EUR 1 =	HKD 8.82724	HKD 9.54644	HKD 9.62224	HKD 9.46834
		S	EUR 1 =	HKD 8.89458	HKD 9.61476	HKD 9.69246	HKD 9.53696
<b>Hungary</b>							
Budapest 064	Hungarian forint = 100 fillér  HUF	M	USD 1 =	HUF 274.27	HUF 257.16	HUF 253.94	HUF 258.96
		M	EUR 1 =	HUF 309.34	HUF 314.28	HUF 312.55	HUF 312.62
<b>Iceland</b>							
Reykjavik 024	Icelandic krona  ISK	B	USD 1 =	ISK 106.265	ISK 100.95	ISK 97.79	ISK 100.79
		S	USD 1 =	ISK 106.775	ISK 101.43	ISK 98.25	ISK 101.27
		B	EUR 1 =	ISK 120.20	ISK 123.35	ISK 121.16	ISK 121.83
		S	EUR 1 =	ISK 120.87	ISK 124.05	ISK 121.84	ISK 122.51
<b>India <sup>1</sup></b>							
New Delhi 664	Indian rupee = 100 paise  INR	M	USD 1 =	INR 65.0330	INR 65.1031	INR 65.0441	INR 66.7801
		M	EUR 1 =	INR 73.7760	INR 79.5885	INR 80.6222	INR 80.7438
<b>Indonesia</b>							
Jakarta 700	Indonesian rupiah = 100 sen  IDR	B	USD 1 =	IDR 13,318.29	IDR 13,638.00	IDR 13,687.00	IDR 13,808.00
		S	USD 1 =	IDR 13,452.46	IDR 13,776.00	IDR 13,825.00	IDR 13,946.00
		B	EUR 1 =	IDR 15,112.80	IDR 16,671.09	IDR 16,866.49	IDR 16,749.10
		S	EUR 1 =	IDR 15,268.86	IDR 16,845.29	IDR 17,042.08	IDR 16,917.89
<b>Iran, Islamic Republic of <sup>1</sup></b>							
Tehran 616	Iranian rial = 100 dinars  IRR	M	USD 1 =	IRR 33,384	IRR 37,299	IRR 37,743	IRR 42,000 <sup>1</sup>
		M	EUR 1 =	IRR 37,982	IRR 45,598	IRR 46,522	IRR 50,930 <sup>1</sup>

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> 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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month		
					February 2018	March 2018	April 2018
<b>Iraq <sup>1</sup></b>							
Baghdad 612	Iraqi dinar = 1,000 fils	<b>2</b> 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	
		B S	EUR 1 =	IQD 1,342.547	IQD 1,445.415	IQD 1,458.077 <sup>4</sup>	IQD 1,429.439
			EUR 1 =	IQD 1,343.218	IQD 1,446.138	IQD 1,458.806 <sup>4</sup>	IQD 1,430.154
		<b>3</b> B S	USD 1 =	IQD 1,247.67	IQD 1,219.00	IQD 1,203.00	IQD 1,190.00
			USD 1 =	IQD 1,252.42	IQD 1,221.00	IQD 1,205.00	IQD 1,195.00
IQD	V, B V, S	EUR 1 =	IQD 1,418.50	IQD 1,488.89	IQD 1,482.22	IQD 1,437.40	
		EUR 1 =	IQD 1,423.89	IQD 1,491.33	IQD 1,484.68	IQD 1,443.44	
<b>Ireland</b>							
Dublin 007	Euro = 100 cent  EUR		M  EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079
<b>Israel</b>							
Jerusalem 624	New Israeli sheqel = 100 agorot  ILS		M  USD 1 =	ILS 3.5998	ILS 3.4850	ILS 3.5140	ILS 3.5880
			M  EUR 1 =	ILS 4.0577	ILS 4.2586	ILS 4.3288	ILS 4.3387
<b>Italy</b>							
Rome 005	Euro = 100 cent  EUR		M  EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079
<b>Jamaica</b>							
Kingston 464	Jamaican dollar = 100 cents  JMD	B S	USD 1 =	JMD 127.2698	JMD 126.1402	JMD 124.6545	JMD 124.3344
			USD 1 =	JMD 128.2787	JMD 128.1540	JMD 125.9850	JMD 125.3211
		B S	EUR 1 =	JMD 139.75475	JMD 151.5194	JMD 150.0447	JMD 143.5911
			EUR 1 =	JMD 145.69698	JMD 156.2419	JMD 159.1849	JMD 151.6983
<b>Japan</b>							
Tokyo 732	Japanese yen = 100 sen  JPY	B S	USD 1 =	JPY 111.19	JPY 106.37	JPY 105.24	JPY 108.35
			USD 1 =	JPY 113.19	JPY 108.37	JPY 107.24	JPY 110.35
		B S	EUR 1 =	JPY 125.72	JPY 129.78	JPY 129.02	JPY 130.89
			EUR 1 =	JPY 128.72	JPY 132.78	JPY 132.02	JPY 133.89
<b>Jordan</b>							
Amman 628	Jordanian dinar = 1,000 fils  JOD	<b>2</b> B <b>2</b> 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	
		B S	EUR 1 =	JOD 0.80258	JOD 0.86369	JOD 0.87063	JOD 0.85484
			EUR 1 =	JOD 0.80892	JOD 0.86911	JOD 0.87579	JOD 0.86187
<b>Kazakhstan</b>							
Astana 079	Tenge = 100 tiyn  KZT		M  USD 1 =	KZT 325.56	KZT 318.68	KZT 318.31	KZT 327.25
			M  EUR 1 =	KZT 368.95	KZT 393.06	KZT 392.32	KZT 396.89

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff.

<sup>2</sup> Official rate; value against the US dollar. <sup>3</sup> Market rate. <sup>4</sup> Exchange rate as of 1 April 2018.

IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month		
					February 2018	March 2018	April 2018
<b>Kenya <sup>1</sup></b>							
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 103.2972	KES 101.5167	KES 100.7472	KES 100.2611
		S	USD 1 =	KES 103.4963	KES 101.7167	KES 100.9472	KES 100.4611
	KES	B	EUR 1 =	KES 117.2709	KES 124.8828	KES 124.6050	KES 121.1911
		S	EUR 1 =	KES 117.5243	KES 125.1594	KES 124.8767	KES 121.4650
<b>Korea, Democratic People's Republic of</b>							
Pyongyang 724	North Korean won = 100 chon	B	USD 1 =	KPW 106.94	KPW 103.29 <sup>2</sup>	KPW 102.96 <sup>2</sup>	KPW 104.30 <sup>2</sup>
		S	USD 1 =	KPW 107.74	KPW 104.07 <sup>2</sup>	KPW 103.74 <sup>2</sup>	KPW 105.09 <sup>2</sup>
	KPW	B	EUR 1 =	KPW 121.63	KPW 126.38 <sup>2</sup>	KPW 126.73 <sup>2</sup>	KPW 125.04 <sup>2</sup>
		S	EUR 1 =	KPW 122.55	KPW 127.33 <sup>2</sup>	KPW 127.68 <sup>2</sup>	KPW 125.98 <sup>2</sup>
<b>Korea, Republic of</b>							
Seoul 728	South Korean won = 100 chon	B	USD 1 =	KRW 1,119.94	KRW 1,071.90	KRW 1,052.60	KRW 1,060.10
		S	USD 1 =	KRW 1,142.01	KRW 1,093.10	KRW 1,073.40	KRW 1,080.90
	KRW	B	EUR 1 =	KRW 1,263.62	KRW 1,309.22	KRW 1,297.31	KRW 1,280.50
		S	EUR 1 =	KRW 1,289.14	KRW 1,335.66	KRW 1,323.51	KRW 1,306.36
<b>Kuwait</b>							
Kuwait 636	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.30189	KWD 0.29880	KWD 0.29845	KWD 0.29950
		S	USD 1 =	KWD 0.30541	KWD 0.30240	KWD 0.30205	KWD 0.30310
	KWD	B	EUR 1 =	KWD 0.343073	KWD 0.365119	KWD 0.367631	KWD 0.361586
		S	EUR 1 =	KWD 0.347083	KWD 0.369518	KWD 0.372065	KWD 0.365933
<b>Kyrgyzstan</b>							
Bishkek 083	Kyrgyz som = 100 tyiyn	M	USD 1 =	KGS 68.8641	KGS 68.0860	KGS 68.4325	KGS 68.7841
		M	EUR 1 =	KGS 77.9234	KGS 83.9705	KGS 84.3533	KGS 83.4351
<b>Lao People's Democratic Republic</b>							
Vientiane 684	Kip	B	USD 1 =	LAK 8,233	LAK 8,274	LAK 8,277	LAK 8,294
		S	USD 1 =	LAK 8,270	LAK 8,311	LAK 8,314	LAK 8,331
	LAK	B	EUR 1 =	LAK 9,297	LAK 10,094	LAK 10,108	LAK 10,027
		S	EUR 1 =	LAK 9,342	LAK 10,142	LAK 10,155	LAK 10,074
<b>Latvia</b>							
Riga 054	Euro = 100 cents  EUR	M	EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079
<b>Lebanon</b>							
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 1,841.86	LBP 1,857.84	LBP 1,823.17
<b>Lesotho <sup>1</sup></b>							
Maseru 395	Loti = 100 lisente  LSL	M	USD 1 =	LSL 13.2590	LSL 11.7600	LSL 11.7075	LSL 12.4170
		M	EUR 1 =	LSL 15.0639	LSL 14.3678	LSL 14.4945	LSL 15.0090

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> 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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month		
					February 2018	March 2018	April 2018
<b>Liberia <sup>1</sup></b>							
Monrovia 268	Liberian dollar = 100 cents	B	USD 1 =	LRD 113.16	LRD 130.13	LRD 131.48	LRD 131.29
		S	USD 1 =	LRD 113.99	LRD 130.29	LRD 131.79	LRD 131.74
	LRD	V, B	EUR 1 =	LRD 129.0176	LRD 158.9408	LRD 161.9965	LRD 158.5852
		V, S	EUR 1 =	LRD 129.9491	LRD 159.1362	LRD 162.3785	LRD 159.1287
<b>Libya</b>							
Tripoli 216	Libyan dinar = 1,000 dirham	B	USD 1 =	LYD 1.3869	LYD 1.3326	LYD 1.3261	LYD 1.3389
		S	USD 1 =	LYD 1.3939	LYD 1.3392	LYD 1.3328	LYD 1.3456
	LYD	B	EUR 1 =	LYD 1.5734	LYD 1.6290	LYD 1.6344	LYD 1.6240
		S	EUR 1 =	LYD 1.5813	LYD 1.6372	LYD 1.6426	LYD 1.6322
<b>Lithuania</b>							
Vilnius 055	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079
<b>Luxembourg</b>							
Luxembourg 018	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079
<b>Macao <sup>1</sup></b>							
Macao 743	Pataca = 100 avos	B	USD 1 =	MOP 8.0180	MOP 8.0542	MOP 8.0736	MOP 8.0786
		S	USD 1 =	MOP 8.0500	MOP 8.0862	MOP 8.1056	MOP 8.1011
	MOP	B	EUR 1 =	MOP 9.0916	MOP 9.8364	MOP 9.9204	MOP 9.7952
		S	EUR 1 =	MOP 9.1708	MOP 9.9156	MOP 9.9996	MOP 9.8337
<b>Macedonia, former Yugoslav Republic of</b>							
Skopje 096	Macedonian denar = 100 deni	B	USD 1 =	MKD 54.2664	MKD 49.8792	MKD 49.6451	MKD 50.6925
		S	USD 1 =	MKD 54.8118	MKD 50.3805	MKD 50.1440	MKD 51.2020
	MKD	B	EUR 1 =	MKD 61.2696	MKD 61.3564	MKD 61.1875	MKD 61.1858
		S	EUR 1 =	MKD 61.8854	MKD 61.9730	MKD 61.8025	MKD 61.8008
<b>Madagascar</b>							
Antananarivo 370	Ariary = 5 iraimbilanja  MGA	M	USD 1 =	MGA 3,115.86	MGA 3,120.12	MGA 3,213.25	MGA 3,227.31
		M	EUR 1 =	MGA 3,519.24	MGA 3,815.76	MGA 3,975.70	MGA 3,911.63
<b>Malawi</b>							
Lilongwe 386	Malawi kwacha = 100 tambala	B	USD 1 =	MWK 716.5933	MWK 716.3340	MWK 716.3295	MWK 716.8175
		S	USD 1 =	MWK 734.6611	MWK 735.0570	MWK 735.0523	MWK 735.2589
	MWK	B	EUR 1 =	MWK 813.8638	MWK 875.6467	MWK 883.2343	MWK 869.4996
		S	EUR 1 =	MWK 834.4058	MWK 898.5336	MWK 906.3195	MWK 891.8690

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> 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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month		
					February 2018	March 2018	April 2018
<b>Malaysia</b>							
Kuala Lumpur Seat of Government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 4.2297	MYR 3.8533	MYR 3.7966	MYR 3.8517
		S	USD 1 =	MYR 4.3546	MYR 3.9977	MYR 3.9224	MYR 3.9793
	MYR	B	EUR 1 =	MYR 4.7680	MYR 4.7043	MYR 4.6984	MYR 4.6586
		S	EUR 1 =	MYR 4.9557	MYR 4.9022	MYR 4.8803	MYR 4.8390
<b>Maldives</b>							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.40	MVR 15.40	MVR 15.41	MVR 15.36
		V, M	EUR 1 =	MVR 17.51518	MVR 18.80956	MVR 18.98666	MVR 18.55334
<b>Mali <sup>1</sup></b>							
Bamako 232	CFA franc XOF	V	USD 1 =	XOF 580.647	XOF 537.053	XOF 532.389	XOF 543.056
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Malta</b>							
Valletta 046	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079
<b>Mauritania <sup>1</sup></b>							
Nouakchott 228	Ouguiya = 5 khoums MRO / MRU	B	USD 1 =	MRO 355.54	MRU 35.12	MRU 35.21	MRU 35.36
		S	USD 1 =	MRO 359.10	MRU 35.47	MRU 35.56	MRU 35.72
	MRO / MRU	B	EUR 1 =	MRO 403.76	MRU 42.94	MRU 43.39	MRU 42.76
		S	EUR 1 =	MRO 407.81	MRU 43.37	MRU 43.83	MRU 43.19
<b>Mauritius</b>							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 33.9185	MUR 32.5404	MUR 32.8877	MUR 33.8419
		S	USD 1 =	MUR 35.2060	MUR 33.7711	MUR 34.0988	MUR 34.7421
	MUR	B	EUR 1 =	MUR 38.4576	MUR 39.7390	MUR 40.4642	MUR 40.9986
		S	EUR 1 =	MUR 39.9209	MUR 41.2427	MUR 41.9861	MUR 42.1651
<b>Mexico</b>							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 18.9464	MXN 18.8145	MXN 18.2970	MXN 18.7475
		S	USD 1 =	MXN 18.9525	MXN 18.8205	MXN 18.3030	MXN 18.7540
	MXN	V, B	EUR 1 =	MXN 21.4381	MXN 22.9800	MXN 22.5437	MXN 22.6451
		V, S	EUR 1 =	MXN 21.4449	MXN 22.9874	MXN 22.5511	MXN 22.6530
<b>Moldova, Republic of</b>							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 18.4407	MDL 16.6940	MDL 16.4585	MDL 16.5266
		M	EUR 1 =	MDL 20.8089	MDL 20.5611	MDL 20.2893	MDL 20.1377
<b>Mongolia</b>							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 2,434.27	MNT 2,394.23	MNT 2,392.77	MNT 2,402.86
		M	EUR 1 =	MNT 2,765.21	MNT 2,926.83	MNT 2,948.25	MNT 2,912.03

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> Value against the euro.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month		
					February 2018	March 2018	April 2018
<b>Morocco</b>							
Rabat 204	Moroccan dirham = 100 centimes MAD	M	USD 1 =	MAD 9.6776	MAD 9.2485	MAD 9.1983	MAD 9.2914
		M	EUR 1 =	MAD 10.9408	MAD 11.3044	MAD 11.3378	MAD 11.2324
<b>Mozambique</b>							
Maputo 366	Metical = 100 centavos MZN	B	USD 1 =	MZN 62.69	MZN 61.10	MZN 61.03	MZN 59.10
		S	USD 1 =	MZN 63.59	MZN 62.32	MZN 62.22	MZN 60.27
		B	EUR 1 =	MZN 71.05	MZN 75.30	MZN 75.16	MZN 71.58
		S	EUR 1 =	MZN 72.10	MZN 76.79	MZN 76.62	MZN 73.00
<b>Myanmar</b>							
Nay Pyi Taw 676	Kyat = 100 pyas MMK	M	USD 1 =	MMK 1,361.00	MMK 1,336.00	MMK 1,335.00	MMK 1,340.00
		M	EUR 1 =	MMK 1,545.65	MMK 1,634.10	MMK 1,642.40	MMK 1,625.30
<b>Namibia <sup>1</sup></b>							
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 13.2812	NAD 11.7284	NAD 11.7538	NAD 12.3040
		M	EUR 1 =	NAD 15.0846	NAD 14.3372	NAD 14.4984	NAD 14.9328
<b>Nepal</b>							
Kathmandu 672	Nepalese rupee = 100 paisa NPR	B	USD 1 =	NPR 103.63	NPR 103.50	NPR 103.98	NPR 106.36
		S	USD 1 =	NPR 104.23	NPR 104.10	NPR 104.58	NPR 106.96
		B	EUR 1 =	NPR 117.79	NPR 127.53	NPR 128.13	NPR 129.02
		S	EUR 1 =	NPR 118.47	NPR 128.27	NPR 128.87	NPR 129.75
<b>Netherlands</b>							
Amsterdam Seat of Government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079
<b>New Caledonia <sup>1</sup></b>							
Nouméa 809	CFP franc XPF	V	XPF 1,000 =	USD 9.47	USD 10.24	USD 10.32	USD 10.12
		2	XPF 1,000 =	EUR 8.38	EUR 8.38	EUR 8.38	EUR 8.38
<b>New Zealand</b>							
Wellington 804	New Zealand dollar = 100 cents NZD	B	NZD 1 =	USD 0.7262	USD 0.7382	USD 0.7352	USD 0.7229
		S	NZD 1 =	USD 0.7005	USD 0.7121	USD 0.7092	USD 0.6973
		B	NZD 1 =	EUR 0.6438	EUR 0.6057	EUR 0.5983	EUR 0.5978
		S	NZD 1 =	EUR 0.6162	EUR 0.5799	EUR 0.5728	EUR 0.5722

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> Value against the euro.

IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month		
					February 2018	March 2018	April 2018
<b>Nicaragua</b>							
Managua 432	Córdoba = 100 centavos  NIO	M	USD 1 =	NIO 30.1098	NIO 31.0347	NIO 31.1636	NIO 31.2888
		V, M	EUR 1 =	NIO 34.25529	NIO 37.90578	NIO 38.39667	NIO 37.79374
<b>Niger <sup>1</sup></b>							
Niamey 240	CFA franc  XOF	V	USD 1 =	XOF 580.647	XOF 537.053	XOF 532.389	XOF 543.056
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Nigeria <sup>1</sup></b>							
Abuja 288	Naira = 100 kobo  NGN	B	USD 1 =	NGN 304.80	NGN 304.90	NGN 304.65	NGN 304.70
		S	USD 1 =	NGN 305.80	NGN 305.90	NGN 305.65	NGN 305.70
		B	EUR 1 =	NGN 344.9384	NGN 372.5573	NGN 375.3288	NGN 367.9253
		S	EUR 1 =	NGN 346.0701	NGN 373.7792	NGN 376.5608	NGN 369.1328
<b>Norway</b>							
Oslo 028	Norwegian krone = 100 øre  NOK	B	USD 1 =	NOK 8.2324	NOK 7.8672	NOK 7.7162	NOK 7.9353
		S	USD 1 =	NOK 8.2974	NOK 7.9322	NOK 7.7812	NOK 8.0003
		B	EUR 1 =	NOK 9.3304	NOK 9.6202	NOK 9.5689	NOK 9.6317
		S	EUR 1 =	NOK 9.4024	NOK 9.6922	NOK 9.6409	NOK 9.7037
<b>Oman</b>							
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 0.4692864	OMR 0.4733952 r	OMR 0.4656384
		S	EUR 1 =	OMR 0.4371226	OMR 0.4706240	OMR 0.4747050 r	OMR 0.4669280
<b>Pakistan</b>							
Islamabad 662	Pakistani rupee = 100 paisa  PKR	B	USD 1 =	PKR 105.31	PKR 110.40	PKR 115.20	PKR 115.50
		S	USD 1 =	PKR 105.51	PKR 110.60	PKR 115.40	PKR 115.70
		B	EUR 1 =	PKR 119.11	PKR 134.97	PKR 141.86	PKR 140.12
		S	EUR 1 =	PKR 119.33	PKR 135.21	PKR 142.10	PKR 140.36
<b>Panama <sup>1</sup></b>							
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 1.2214	PAB 1.2321	PAB 1.2079
<b>Papua New Guinea</b>							
Port Moresby 801	Kina = 100 toea  PGK	B	PGK 1 =	USD 0.3209	USD 0.3160	USD 0.3150	USD 0.3150
		S	PGK 1 =	USD 0.3059	USD 0.3010	USD 0.3000	USD 0.3000
		B	PGK 1 =	EUR 0.2814	EUR 0.2565	EUR 0.2538	EUR 0.2578
		S	PGK 1 =	EUR 0.2666	EUR 0.2415	EUR 0.2388	EUR 0.2428

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> Value against the euro. <sup>3</sup> Value against the US dollar. <sup>4</sup> 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		
					February 2018	March 2018	April 2018
<b>Paraguay</b>							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 5,610.78	PYG 5,558.10	PYG 5,542.63	PYG 5,548.61
		S	USD 1 =	PYG 5,620.67	PYG 5,571.19	PYG 5,553.95	PYG 5,556.24
	PYG	V, B	EUR 1 =	PYG 6,335.38	PYG 6,788.66	PYG 6,871.75	PYG 6,702.17
V, S		EUR 1 =	PYG 6,346.64	PYG 6,804.65	PYG 6,885.79	PYG 6,711.38	
<b>Peru</b>							
Lima 504	Sol = 100 céntimos	B	USD 1 =	PEN 3.256	PEN 3.259	PEN 3.224	PEN 3.248
		S	USD 1 =	PEN 3.260	PEN 3.261	PEN 3.229	PEN 3.250
	PEN	B	EUR 1 =	PEN 3.592	PEN 3.766	PEN 3.974	PEN 3.874
		S	EUR 1 =	PEN 3.785	PEN 4.083	PEN 4.062	PEN 4.156
<b>Philippines</b>							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 49.83022	PHP 51.70	PHP 52.10	PHP 51.50
		S	USD 1 =	PHP 50.92312	PHP 52.30	PHP 52.60	PHP 52.00
	PHP	B	EUR 1 =	PHP 56.30315	PHP 62.64	PHP 63.86	PHP 61.69
		S	EUR 1 =	PHP 58.50222	PHP 65.34	PHP 66.68	PHP 64.40
<b>Poland</b>							
Warsaw 060	Polish zloty = 100 groszy PLN	M	USD 1 =	PLN 3.7782	PLN 3.4188	PLN 3.4139	PLN 3.4868
		M	EUR 1 =	PLN 4.2447	PLN 4.1779	PLN 4.2085	PLN 4.2204
<b>Portugal</b>							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079
<b>Qatar</b>							
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 4.446	QAR 4.485	QAR 4.397
<b>Romania</b>							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 4.0517	RON 3.8133	RON 3.7779	RON 3.8479
		M	EUR 1 =	RON 4.5732	RON 4.6625	RON 4.6576	RON 4.6589
<b>Russian Federation</b>							
Moscow 075	Russian rouble = 100 kopecks RUB	M	USD 1 =	RUB 58.3063	RUB 55.6717	RUB 57.2649	RUB 61.9997
		M	EUR 1 =	RUB 66.0327	RUB 68.6599	RUB 70.5618	RUB 75.2056

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		
					February 2018	March 2018	April 2018
<b>Rwanda</b>							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 823.772078	RWF 841.591647	RWF 844.237870	RWF 846.516990
		S	USD 1 =	RWF 840.245856	RWF 858.421779	RWF 861.120922	RWF 863.445620
	RWF	B	EUR 1 =	RWF 931.843275	RWF 1,029.014106	RWF 1,041.156353	RWF 1,026.909761
		S	EUR 1 =	RWF 950.478377	RWF 1,049.592310	RWF 1,061.977377	RWF 1,047.445882
<b>Saint Helena, Ascension and Tristan da Cunha</b>							
Jamestown 329	Saint Helena pound 2 = 100 pence  SHP	V	USD 1 =	SHP 0.77602	SHP 0.72388	SHP 0.71009	SHP 0.72821
		V	EUR 1 =	SHP 0.87667	SHP 0.88415	SHP 0.87490	SHP 0.87960
<b>Saint Kitts and Nevis</b>							
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 3.2834	XCD 3.3121	XCD 3.2471
		V, S	EUR 1 =	XCD 3.0693	XCD 3.3184	XCD 3.3475	XCD 3.2817
<b>Saint Lucia</b>							
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 3.2834	XCD 3.3121	XCD 3.2471
		V, S	EUR 1 =	XCD 3.0693	XCD 3.3184	XCD 3.3475	XCD 3.2817
<b>Saint Vincent and the Grenadines</b>							
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 3.2834	XCD 3.3121	XCD 3.2471
		V, S	EUR 1 =	XCD 3.0693	XCD 3.3184	XCD 3.3475	XCD 3.2817
<b>Samoa</b>							
Apia 819	Tala = 100 sene  WST	M	WST 1 =	USD 0.39587	USD 0.39936	USD 0.39684	USD 0.39371
		M	WST 1 =	EUR 0.34869	EUR 0.32590	EUR 0.32256	EUR 0.32459
<b>Sao Tome and Principe 1</b>							
São Tomé 311	Dobra = 100 cêntimos	B	USD 1 =	STD 21,626.08	STN 19.9171	STN 19.8848	STN 20.1348
		S	USD 1 =	STD 21,950.48	STN 20.2158	STN 20.1830	STN 20.4368
	STD / STN	4	EUR 1 =	STD 24,500.00	STN 24.5000	STN 24.5000	STN 24.5000
<b>Saudi Arabia</b>							
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 4.4657	SAR 4.4607	SAR 4.4306
		S	EUR 1 =	SAR 4.4035	SAR 4.6983	SAR 4.7791	SAR 4.6621

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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month		
					February 2018	March 2018	April 2018
<b>Senegal <sup>1</sup></b>							
Dakar 248	CFA franc	V	USD 1 =	XOF 580.647	XOF 537.053	XOF 532.389	XOF 543.056
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Serbia</b>							
Belgrade 098	Serbian dinar = 100 para	B	USD 1 =	RSD 107.2310	RSD 96.2654	RSD 95.7959	RSD 97.1313
		S	USD 1 =	RSD 107.8764	RSD 96.8448	RSD 96.3725	RSD 97.7159
	RSD	B	EUR 1 =	RSD 120.9447	RSD 117.7037	RSD 118.0301	RSD 117.8203
		S	EUR 1 =	RSD 121.6725	RSD 118.4121	RSD 118.7405	RSD 118.5293
<b>Seychelles</b>							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 13.3550	SCR 13.6250	SCR 13.6617	SCR 13.7103
		S	USD 1 =	SCR 13.8521	SCR 14.0172	SCR 14.0291	SCR 14.0046
	SCR	B	EUR 1 =	SCR 15.3492	SCR 16.7348	SCR 16.9296	SCR 16.8916
		S	EUR 1 =	SCR 15.7331	SCR 17.2603	SCR 17.3025	SCR 17.0550
<b>Sierra Leone</b>							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 7,318.43	SLL 7,497.63	SLL 7,546.79	SLL 7,585.20
		S	USD 1 =	SLL 7,466.27	SLL 7,649.09	SLL 7,699.25	SLL 7,738.44
	SLL	B	EUR 1 =	SLL 8,256.54	SLL 9,247.45	SLL 9,289.27	SLL 9,203.72
		S	EUR 1 =	SLL 8,419.66	SLL 9,430.77	SLL 9,471.34	SLL 9,389.08
<b>Singapore <sup>1</sup></b>							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.3783	SGD 1.3258	SGD 1.3117	SGD 1.3238
		M	EUR 1 =	SGD 1.5603	SGD 1.6206	SGD 1.6169	SGD 1.6052
<b>Sint Maarten (southern part)</b>							
Philipsburg 479	Netherlands Antillean guilder = 100 cent	<sup>3</sup> B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		<sup>3</sup> S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 202.47	ANG 217.54	ANG 219.44	ANG 215.13
		S	EUR 100 =	ANG 206.55	ANG 221.92	ANG 223.87	ANG 219.47
<b>Slovakia</b>							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079
<b>Slovenia</b>							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079
<b>Solomon Islands</b>							
Honiara 806	Solomon Islands dollar = 100 cents SBD	M	SBD 1 =	USD 0.1269	USD 0.1286	USD 0.1279	USD 0.1269
		M	SBD 1 =	EUR 0.1118	EUR 0.1047	EUR 0.1035	EUR 0.1045

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> Value against the euro. <sup>3</sup> Value against the US dollar.

IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month		
					February 2018	March 2018	April 2018
<b>Somalia <sup>1</sup></b>							
Mogadishu 342	Somali shilling	M	USD 1 =	.	.	.	.
	SOS	M	EUR 1 =	.	.	.	.
<b>South Africa</b>							
Pretoria Seat of Parliament: Cape Town 388	South African rand = 100 cents	B	USD 1 =	ZAR 13.1090	ZAR 11.5613	ZAR 11.6450	ZAR 12.2575
		S	USD 1 =	ZAR 13.4265	ZAR 11.8788	ZAR 11.9625	ZAR 12.5750
	ZAR	B	EUR 1 =	ZAR 14.8599	ZAR 14.1027	ZAR 14.3428	ZAR 14.7684
		S	EUR 1 =	ZAR 15.2931	ZAR 14.5472	ZAR 14.7885	ZAR 15.2081
<b>South Sudan</b>							
Juba 225	South Sudanese pound = 100 piastres SSP	M	USD 1 =	SSP .	SSP 132.0594	SSP 133.5836	SSP 136.2359
		M	EUR 1 =	SSP .	SSP 162.8690	SSP 165.7374	SSP 164.5186
<b>Spain</b>							
Madrid 011	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1297	USD 1.2214	USD 1.2321	USD 1.2079
<b>Sri Lanka</b>							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 150.64	LKR 152.9392	LKR 153.7175	LKR 155.4047
		S	USD 1 =	LKR 154.44	LKR 156.7198	LKR 157.4914	LKR 159.0139
	LKR	B	EUR 1 =	LKR 169.32	LKR 185.9823	LKR 188.3108	LKR 186.8930
		S	EUR 1 =	LKR 175.72	LKR 192.8145	LKR 195.1713	LKR 193.8410
<b>Sudan</b>							
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 21.9442	SDG 22.1447	SDG 21.7738
		S	EUR 1 =	SDG 7.6377	SDG 22.0539	SDG 22.2555	SDG 21.8827
<b>Suriname</b>							
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 9.100	SRD 9.172	SRD 8.929
		S	EUR 1 =	SRD 8.549	SRD 9.243	SRD 9.316	SRD 9.069
<b>Swaziland <sup>1</sup></b>							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 13.2528	SZL 11.7000	SZL 11.7837 r	SZL 12.3328
		S	USD 1 =	SZL 13.3028	SZL 11.7500	SZL 11.7932 r	SZL 12.3382
	SZL	B	EUR 1 =	SZL 15.04752	SZL 14.3138	SZL 14.5022 r	SZL 14.9614
		S	EUR 1 =	SZL 15.10738	SZL 14.3785	SZL 14.5151 r	SZL 14.9690
<b>Sweden</b>							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 8.4983	SEK 8.2035	SEK 8.3071	SEK 8.6249
		S	USD 1 =	SEK 8.5752	SEK 8.3085	SEK 8.4121	SEK 8.7299
	SEK	B	EUR 1 =	SEK 9.6147	SEK 10.0177	SEK 10.2356	SEK 10.4542
		S	EUR 1 =	SEK 9.6820	SEK 10.1327	SEK 10.3506	SEK 10.5692

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> 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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month		
					February 2018	March 2018	April 2018
<b>Switzerland</b>							
Berne 039	Swiss franc = 100 rappen / centimes	B	USD 1 =	CHF 0.9845	CHF 0.9427	CHF 0.9569	CHF 0.9896
		B	EUR 1 =	CHF 1.1159	CHF 1.1518	CHF 1.1782	CHF 1.1978
	CHF						
<b>Syrian Arab Republic</b>							
Damascus 608	Syrian pound = 100 piastres	B	USD 1 =	SYP 500.80	SYP 434.00 <sup>3</sup>	SYP 434.00	SYP 434.00
		S	USD 1 =	SYP 505.62	SYP 438.34 <sup>3</sup>	SYP 438.34	SYP 438.34
	SYP	B	EUR 1 =	SYP 566.09	SYP 534.58 <sup>3</sup>	SYP 540.42	SYP 537.85
		S	EUR 1 =	SYP 571.52	SYP 539.92 <sup>3</sup>	SYP 545.82	SYP 543.23
<b>Tajikistan</b>							
Dushanbe 082	Somoni = 100 diram	M	USD 1 =	TJS 8.5691	TJS 8.8195	TJS 8.8138	TJS 8.8886
		M	EUR 1 =	TJS 9.7117	TJS 10.8621	TJS 10.8657	TJS 10.7303
TJS							
<b>Tanzania, United Republic of</b>							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents	B	USD 1 =	TZS 2,219.2269	TZS 2,233.5941	TZS 2,237.4356	TZS 2,251.1287
		S	USD 1 =	TZS 2,241.4192	TZS 2,255.9300	TZS 2,259.8100	TZS 2,273.6400
	TZS	B	EUR 1 =	TZS 2,518.7227	TZS 2,750.2244	TZS 2,773.3015	TZS 2,720.0388
		S	EUR 1 =	TZS 2,544.4141	TZS 2,778.1778	TZS 2,801.9384	TZS 2,747.4666
<b>Thailand</b>							
Bangkok 680	Thai baht = 100 satang	B	USD 1 =	THB 33.7097	THB 31.2869	THB 31.0573	THB 31.3166
		S	USD 1 =	THB 34.0454	THB 31.6385	THB 31.4063	THB 31.6806
	THB	B	EUR 1 =	THB 37.9823	THB 38.1093	THB 38.0682	THB 37.8028
		S	EUR 1 =	THB 38.7106	THB 38.8586	THB 38.8106	THB 38.5714
<b>Togo <sup>1</sup></b>							
Lomé 280	CFA franc	V	USD 1 =	XOF 580.647	XOF 537.053	XOF 532.389	XOF 543.056
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
XOF							
<b>Tonga</b>							
Nuku'alofa 817	Pa'anga = 100 seniti	M	TOP 1 =	USD 0.4536	USD 0.4578	USD 0.4552	USD 0.4508
		M	TOP 1 =	EUR 0.3994	EUR 0.3733	EUR 0.3692	EUR 0.3711
TOP							
<b>Trinidad and Tobago</b>							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents	B	USD 1 =	TTD 6.7186	TTD 6.7154	TTD 6.7117	TTD 6.7210
		S	USD 1 =	TTD 6.7697	TTD 6.7576	TTD 6.7572	TTD 6.7560
	TTD	B	EUR 1 =	TTD 7.5960	TTD 8.1721	TTD 8.1779	TTD 8.0418
		S	EUR 1 =	TTD 8.0842	TTD 8.7614	TTD 8.8148	TTD 8.6463

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> Value against the euro. <sup>3</sup> Exchange rate as of 4 March 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		
					February 2018	March 2018	April 2018
<b>Tunisia</b>							
Tunis 212	Tunisian dinar = 1,000 millimes	B	USD 1 =	TND 2.3900	TND 2.3911	TND 2.3819	TND 2.4361
		S	USD 1 =	TND 2.3923	TND 2.3934	TND 2.3842	TND 2.4385
	TND	B	EUR 1 =	TND 2.7074	TND 2.9209	TND 2.9362	TND 2.9409
		S	EUR 1 =	TND 2.7101	TND 2.9238	TND 2.9392	TND 2.9439
<b>Turkey</b>							
Ankara 052	Turkish lira = 100 kuruş	B	USD 1 =	TRY 3.6476	TRY 3.7833	TRY 3.9949	TRY 4.0535
		S	USD 1 =	TRY 3.6542	TRY 3.7901	TRY 4.0021	TRY 4.0608
	TRY	B	EUR 1 =	TRY 4.1462	TRY 4.6646	TRY 4.9191	TRY 4.8961
		S	EUR 1 =	TRY 4.1536	TRY 4.6730	TRY 4.9279	TRY 4.9049
<b>Turkmenistan <sup>1</sup></b>							
Ashgabat 080	Turkmen manat = 100 tenge TMT	2	USD 1 =	TMT 3.50	TMT 3.50	TMT 3.50	TMT 3.50
		M	EUR 1 =	TMT 3.9611	TMT 4.3166	TMT 4.3148	TMT 4.2448
<b>Uganda</b>							
Kampala 350	Uganda shilling	B	USD 1 =	UGX 3,608.23	UGX 3,640.71	UGX 3,677.96	UGX 3,708.17
		S	USD 1 =	UGX 3,618.23	UGX 3,650.71	UGX 3,687.96	UGX 3,718.17
	UGX	B	EUR 1 =	UGX 4,100.48	UGX 4,474.27	UGX 4,558.14	UGX 4,492.57
		S	EUR 1 =	UGX 4,111.84	UGX 4,486.56	UGX 4,570.53	UGX 4,504.69
<b>Ukraine</b>							
Kyiv 072	Hryvnia = 100 kopiyok UAH	M	USD 100 =	UAH 2,659.3613	UAH 2,694.8185	UAH 2,654.3493	UAH 2,623.0047
		M	EUR 100 =	UAH 3,005.3131	UAH 3,314.8962	UAH 3,270.4238	UAH 3,191.6721
<b>United Arab Emirates <sup>1</sup></b>							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils AED	2	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
		V, M	EUR 1 =	AED 4.1758	AED 4.4856	AED 4.5249	AED 4.4360
<b>United Kingdom <sup>1</sup></b>							
London 006	Pound sterling = 100 pence GBP	M	GBP 1 =	USD 1.2889	USD 1.3780	USD 1.4033	USD 1.3776
		M	EUR 1 =	GBP 0.8752	GBP 0.8851	GBP 0.8764	GBP 0.8770
<b>United States</b>							
Washington 400	US dollar = 100 cents USD	M	EUR 1 =	USD 1.13912	USD 1.2193	USD 1.2301	USD 1.2077
		M	GBP 1 =	USD 1.28919	USD 1.3760	USD 1.4015	USD 1.3769

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> Value against the US dollar.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2017	Rate at end of month		
					February 2018	March 2018	April 2018
<b>Uruguay</b>							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 28.654	UYU 28.314	UYU 28.354	UYU 28.596
		M	EUR 1 =	UYU 32.4147	UYU 34.5785	UYU 34.9052	UYU 34.5511
<b>Uzbekistan</b>							
Tashkent 081	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 5,178.37	UZS 8,171.64	UZS 8,114.86	UZS 8,068.17
		M	EUR 1 =	UZS 5,929.90	UZS 10,060.92	UZS 10,039.70	UZS 9,899.64
<b>Vanuatu</b>							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 107.34	VUV 105.42	VUV 106.82 <sup>r</sup>	VUV 107.77
		S	USD 1 =	VUV 113.30	VUV 111.26	VUV 112.75	VUV 113.75
		B	EUR 1 =	VUV 122.09	VUV 130.12	VUV 131.77 <sup>r</sup>	VUV 130.96
		S	EUR 1 =	VUV 126.89	VUV 135.24	VUV 136.95	VUV 136.11
<b>Venezuela, Bolivarian Republic of <sup>1</sup></b>							
Caracas 484	Bolívar = 100 céntimos VEF	B	USD 1 =	VEF 3,011.2031 <sup>2</sup>	VEF 35,191.8000	VEF 49,353.8062	VEF 68,827.5000
		S	USD 1 =	VEF 3,018.7500 <sup>2</sup>	VEF 35,280.0000	VEF 49,477.5000	VEF 69,000.0000
		B	EUR 1 =	VEF 3,538.5111 <sup>2</sup>	VEF 42,930.4768	VEF 60,700.2462	VEF 83,191.7993
		S	EUR 1 =	VEF 3,548.2131 <sup>2</sup>	VEF 43,041.6000	VEF 60,867.2205	VEF 83,407.2000
<b>Viet Nam</b>							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 22,683	VND 22,720	VND 22,750	VND 22,730
		S	USD 1 =	VND 22,753	VND 22,790	VND 22,820	VND 22,800
		B	EUR 1 =	VND 25,686.74	VND 27,685.48	VND 27,914.55	VND 27,285.13
		S	EUR 1 =	VND 26,004.35	VND 27,932.39	VND 28,188.65	VND 28,019.45
<b>Yemen</b>							
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 305.60	YER 308.18	YER 303.21
		S	EUR 1 =	YER 284.37	YER 306.21	YER 308.79	YER 303.82
<b>Zambia</b>							
Lusaka 378	Kwacha = 100 ngwee ZMW	B	USD 1 =	ZMW 9.5295	ZMW 9.7347	ZMW 9.4496	ZMW 9.8567
		S	USD 1 =	ZMW 9.5789	ZMW 9.7847	ZMW 9.4996	ZMW 9.9067
		B	EUR 1 =	ZMW 10.8184	ZMW 11.8890	ZMW 11.6447	ZMW 11.9009
		S	EUR 1 =	ZMW 10.8767	ZMW 11.9530	ZMW 11.7101	ZMW 11.9633

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> 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 Feb	1.54740	1.12025	9.47230	157.526	0.927257	1.71375	1.36450	8.35988	9.26999	10.0439
Mar	1.54563	1.12100	9.50887	158.968	0.928695	1.70838	1.36633	8.36925	9.25386	10.0571
Apr	1.54969	1.11891	9.54299	158.967	0.921285	1.69800	1.36698	8.35143	9.25566	10.1799
May	1.54047	1.13212	9.50390	156.573	0.920785	1.67403	1.38149	8.45059	9.21837	10.2538
June	1.54589	1.13186	9.51158	156.599	0.907482	1.65039	1.37631	8.43889	9.51158	10.4202
July	1.53131	1.14456	9.44430	157.388	0.907013	1.66759	1.39226	8.53424	9.62001	10.5544
Aug	1.51838	1.15134	9.36040	157.472	0.915131	1.64866	1.38856	8.57979	9.37937	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	9.43570	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

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 Feb	1	1.45549	1.16822	9.17263	158.910	1.02362	1.78850	1.35797	8.69482	11.1805	11.4692
	2	1.45773	1.16693	9.14662	159.475	1.02491	1.80467	1.35481	8.68531	11.1631	11.4505
	5	1.45470	1.16937	9.15801	159.944	1.03552	1.81590	1.35476	8.70405	11.2386	11.4920
	6	1.45170	1.17747	9.12367	157.800	1.04203	1.81898	1.35806	8.76378	11.4220	11.5287
	7	1.45044	1.17558	9.07787	158.707	1.04434	1.81972	1.36327	8.74990	11.3582	11.5537
	8	1.44451	1.17900	9.13367	158.001	1.03397	1.81792	1.36550	8.77439	11.4197	11.6776
	9	1.44463	1.17708	9.10266	157.234	1.04483	1.82154	1.35579	8.76186	11.5334	11.7244
	12	1.44606	1.17920	9.14152	.	1.04397	1.82247	1.35568	8.78017	11.4943	11.6880
	13	1.45013	1.17581	9.20251	157.658	1.04311	1.82716	1.35413	8.75833	11.4546	11.6724
	14	1.45036	1.17457	9.20692	155.334	1.04712	1.82194	1.35406	8.74914	11.4107	11.6042
	15	1.45859	1.16753	.	155.457	1.03840	1.82426	1.34993	8.69732	11.3659	11.5534
	16	1.45978	1.17119	.	154.298	1.03803	1.83056	1.34723	8.72319	11.3384	11.5463
	20	1.45201	1.17667	.	155.046	1.03815	1.83273	1.35720	8.76301	11.3764	11.6736
	21	1.44974	1.17751	.	155.847	1.04126	1.83697	1.35943	8.76831	11.3535	11.7376
	22	1.44833	1.17980	9.20819	155.478	1.04350	1.84068	1.35781	8.78511	11.4315	11.7889
	23	1.45060	1.17944	9.19591	155.069	1.03774	1.83762	1.35544	8.78326	11.4135	11.7966
	26	1.45301	1.17939	9.16615	154.746	1.03439	1.84329	1.35813	8.78171	11.3579	11.8248
	27	1.45133	1.17984	9.15726	155.132	1.04060	1.84899	1.36062	8.78518	11.3607	11.8441
	28	1.44589	1.18379	9.15466	155.173	1.04457	1.85204	1.36405	8.81516	11.3826	11.9372
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	8.78117	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	1.87717	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	1.84242	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

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

## VI Global exchange rate arrangements and monetary policy framework \*

As of end-April 2016

Exchange rate arrangement	Monetary Policy Framework						
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework	Other <sup>1</sup>
	US dollar	Euro	Exchange rate anchor Composite	Other			
<b>No separate legal tender</b>	Ecuador El Salvador Marshall Islands Micronesia, Federated States of Palau Panama Timor-Leste Zimbabwe	Kosovo Montenegro San Marino		Kiribati Nauru <sup>2</sup> Tuvalu			
<b>Currency board</b>	Djibouti Hong Kong  <b>ECCU</b> <sup>3</sup>  Antigua and Barbuda Dominica Grenada Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines	Bosnia and Herzegovina Bulgaria		Brunei Darussalam			
<b>Conventional peg</b>	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 <sup>4</sup> Sao Tome and Principe  <b>WAEMU</b> <sup>6</sup>  Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo  <b>CAEMC</b> <sup>7</sup>  Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon	Fiji Kuwait Libya Morocco	Bhutan Lesotho Namibia Nepal Swaziland			Samoa Solomon Islands <sup>5</sup>
<b>Stabilised arrangement</b>	Guyana Lebanon Maldives Trinidad and Tobago	Macedonia, former Yugoslav Republic of	Singapore Viet Nam <sup>8</sup>		Bangladesh <sup>8</sup> Bolivia, Plurinational State of <sup>8</sup> Burundi <sup>8</sup> Congo, Democratic Republic of the <sup>8</sup> Nigeria <sup>8</sup> Suriname <sup>8</sup> Yemen <sup>8</sup>	Czechia <sup>9</sup>	Costa Rica <sup>8 10</sup> Lao People's Democratic Republic <sup>8</sup> Sudan <sup>8</sup>
<b>Crawling peg</b>	Honduras Nicaragua		Botswana				
<b>Crawl-like arrangement</b>		Croatia	Iran, Islamic Republic of <sup>8</sup>		Ethiopia <sup>8</sup> Uzbekistan <sup>8</sup>	Dominican Republic <sup>8</sup>	Jamaica <sup>8 10</sup> Mauritania <sup>8 11</sup> Papua New Guinea <sup>8</sup> Sri Lanka <sup>8 10 11</sup> Tunisia <sup>5 10</sup>

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							
	US dollar	Euro	Exchange rate anchor Composite	Other				
<b>Pegged exchange rate within horizontal bands</b>								Tonga 5
<b>Other managed arrangement</b>	Cambodia Liberia		Syrian Arab Republic			Algeria Belarus China 11 Gambia Guinea Myanmar Rwanda Tajikistan		Angola Azerbaijan Egypt Haiti Kyrgyzstan Malaysia Pakistan South Sudan Vanuatu
<b>Floating</b>						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
<b>Free floating</b>							Australia Canada Chile Japan Mexico 12 Norway Poland Russian Federation Sweden United Kingdom	Somalia United States  <b>Euro area</b> 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-April 2018

ISO Code	Currency	Country <sup>1</sup> or territory	ISO Code	Currency	Country <sup>1</sup> or territory	ISO Code	Currency	Country <sup>1</sup> or territory
AED	United Arab Emirates dirham	United Arab Emirates	CUC	Convertible peso	Cuba <sup>1</sup>	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
			ERN	Nakfa	Eritrea	ILS	New Israeli sheqel	Israel
AWG	Aruban florin	Aruba	ETB	Birr	Ethiopia	INR	Indian rupee	India Bhutan
AZN	Azerbaijan manat	Azerbaijan	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
						IRR	Iranian rial	Iran, Islamic Republic of
BAM	Convertible marka	Bosnia and Herzegovina				ISK	Icelandic krona	Iceland
BBD	Barbados dollar	Barbados						
BDT	Taka	Bangladesh				JMD	Jamaican dollar	Jamaica
BGN	Bulgarian lev	Bulgaria				JOD	Jordanian dinar	Jordan
BHD	Bahraini dinar	Bahrain				JPY	Japanese yen	Japan
BIF	Burundi franc	Burundi						
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. <sup>1</sup> 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](http://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](http://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 <sup>1</sup>											
	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
<b>EER-38 group</b>							100	100	100	100	100	100
<b>EER-19 group</b>	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
<b>Additional countries in the EER-38 group</b>												
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. <sup>1</sup> 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](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 April 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 600,000 bolívar at the end of April 2018.