



# Exchange rate statistics

## October 2020

Statistical Series

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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	Data unknown, not to be published or not meaningful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 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	13 July 2020
Denmark Danish krone DKK	Upper rate	7.62824	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	7.46038
	Lower rate	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252
Bulgaria Bulgarian lev BGN	Upper rate	–	–	–	–	–	–	–	2.24920
	Central rate	–	–	–	–	–	–	–	<sup>2</sup> 1.95583
	Lower rate	–	–	–	–	–	–	–	1.66246
Croatia Croatian kuna HRK	Upper rate	–	–	–	–	–	–	–	8.66468
	Central rate	–	–	–	–	–	–	–	<sup>2</sup> 7.53450
	Lower rate	–	–	–	–	–	–	–	6.40433
Greece Greek drachma GRD	Upper rate	406.075	<sup>3</sup> 391.863	–	–	–	–	–	–
	Central rate	<sup>1</sup> 353.109	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>4</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>5</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>6</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>7</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>8</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>7</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>9</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 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> According to the EU communiqué of 10 July 2020. <sup>3</sup> Until 31 December 2000; accession to the euro area on 1 January 2001. <sup>4</sup> Until 31 December

2010; accession to the euro area on 1 January 2011. <sup>5</sup> Until 31 December 2014; accession to the euro area on 1 January 2015. <sup>6</sup> Until 31 December 2006; accession to the euro area on 1 January 2007. <sup>7</sup> Until 31 December 2007; accession to the euro area on 1 January 2008. <sup>8</sup> Until 31 December 2013; accession to the euro area on 1 January 2014. <sup>9</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. End-of-month and daily rates

EUR 1 = CU ...

EU member countries																		
Bulgaria		Croatia		Czechia		Denmark		Hungary		Poland		Romania		Sweden				
Bulgarian lev BGN		Kuna HRK		Czech koruna CZK		Danish krone DKK		Hungarian forint HUF		Polish zloty PLN		Romanian leu RON		Swedish krona SEK				
2019 Aug.	1.9558		7.4023		25.914		7.4562		331.07		4.3812		4.7284		10.8395			
	1.9558		7.4110		25.816		7.4662		334.83		4.3782		4.7496		10.6958			
Oct.	1.9558		7.4579		25.509		7.4708		328.70		4.2581		4.7560		10.7498			
Nov.	1.9558		7.4385		25.515		7.4713		333.82		4.3185		4.7823		10.4995			
Dec.	1.9558		7.4395		25.408		7.4715		330.53		4.2568		4.7830		10.4468			
2020 Jan.	1.9558		7.4440		25.210		7.4731		337.05		4.3009		4.7789		10.6768			
	1.9558		7.4695		25.390		7.4723		337.57		4.3259		4.8130		10.6738			
Mar.	1.9558		7.6255		27.312		7.4674		360.02		4.5506		4.8283		11.0613			
Apr.	1.9558		7.5790		27.097		7.4584		352.72		4.5336		4.8431		10.6639			
May	1.9558		7.5870		26.921		7.4542		348.73		4.4495		4.8493		10.4870			
June	1.9558		7.5708		26.740		7.4526		356.58		4.4560		4.8397		10.4948			
July	1.9558		7.4815		26.175		7.4442		344.95		4.4034		4.8315		10.2835			
Aug.	1.9558		7.5280		26.208		7.4439		354.54		4.3971		4.8398		10.2888			
Sep.	1.9558		7.5565		27.233		7.4462		365.53		4.5462		4.8725		10.5713			
2020 Sep.	17	1.9558		7.5418		26.747		7.4396		361.16		4.4579		4.8600		10.4080		
	18	1.9558		7.5415		26.727		7.4403		360.78		4.4602		4.8580		10.3990		
	21	1.9558		7.5413		26.980		7.4408		363.08		4.4837		4.8600		10.4055		
	22	1.9558		7.5443		27.007		7.4417		362.05		4.4934		4.8613		10.4070		
	23	1.9558		7.5505		26.965		7.4429		365.01		4.5001		4.8686		10.4388		
	24	1.9558		7.5530		27.015		7.4425		364.45		4.5293		4.8755		10.5793		
	25	1.9558		7.5490		27.107		7.4465		363.16		4.5557		4.8753		10.6285		
	28	1.9558		7.5500		27.133		7.4459		364.12		4.5502		4.8743		10.5863		
	29	1.9558		7.5510		27.148		7.4461		365.70		4.5435		4.8721		10.5343		
	30	1.9558		7.5565		27.233		7.4462		365.53		4.5462		4.8725		10.5713		
	Oct.	1	1.9558		7.5630		26.918		7.4421		359.89		4.4935		4.8740		10.4853	
		2	1.9558		7.5620		27.020		7.4414		358.88		4.4944		4.8715		10.4250	
5		1.9558		7.5680		27.096		7.4400		358.17		4.4980		4.8740		10.4645		
6		1.9558		7.5688		27.035		7.4408		359.72		4.4872		4.8760		10.5138		
7		1.9558		7.5685		27.064		7.4421		359.25		4.4862		4.8748		10.4830		
8		1.9558		7.5680		27.092		7.4423		357.48		4.4843		4.8758		10.4468		
9		1.9558		7.5765		27.110		7.4422		356.28		4.4702		4.8715		10.4200		
12		1.9558		7.5713		27.177		7.4430		356.83		4.4810		4.8727		10.3933		

Other European and non-European countries																		
Australia		Brazil		Canada		China		Hong Kong		Iceland		India		Indonesia				
Australian dollar AUD		Brazilian real BRL		Canadian dollar CAD		Chinese yuan renminbi CNY		Hong Kong dollar HKD		Icelandic krona ISK		Indian rupee INR		Indonesian rupiah IDR				
2019 Aug.	1.6398		4.5879		1.4658		7.8908		8.6549		138.50		78.8365		15,654.57			
	1.6126		4.5288		1.4426		7.7784		8.5368		135.10		77.1615		15,456.94			
Oct.	1.6137		4.4514		1.4673		7.8540		8.7401		138.10		79.1125		15,701.50			
Nov.	1.6228		4.6459		1.4614		7.7172		8.5954		134.00		78.6875		15,490.11			
Dec.	1.5995		4.5157		1.4598		7.8205		8.7473		135.80		80.1870		15,595.60			
2020 Jan.	1.6494		4.7157		1.4627		7.6664		8.5843		136.30		78.9055		15,091.51			
	1.6875		4.9232		1.4757		7.6662		8.5550		139.30		79.2525		15,749.25			
Mar.	1.7967		5.7001		1.5617		7.7784		8.4945		155.60		82.8985		17,869.24			
Apr.	1.6598		5.8565		1.5077		7.6665		8.4300		159.30		81.6108		16,178.05			
May	1.6681		5.9654		1.5280		7.9456		8.6347		150.80		84.1025		16,269.70			
June	1.6344		6.1118		1.5324		7.9219		8.6788		155.40		84.6235		16,184.41			
July	1.6488		6.1219		1.5898		8.2637		9.1825		160.00		88.6355		17,364.00			
Aug.	1.6214		6.4739		1.5601		8.1711		9.2536		164.30		87.4685		17,404.40			
Sep.	1.6438		6.6308		1.5676		7.9720		9.0742		162.20		86.2990		17,497.84			
2020 Sep.	17	1.6152		6.2117		1.5567		7.9861		9.1428		162.20		86.8610		17,501.07		
	18	1.6242		6.2176		1.5601		8.0146		9.1707		160.80		87.0140		17,435.93		
	21	1.6240		6.4262		1.5604		7.9992		9.1349		161.60		86.6950		17,437.00		
	22	1.6288		6.3677		1.5631		7.9550		9.0986		162.00		86.2620		17,357.59		
	23	1.6439		6.4498		1.5594		7.9433		9.0614		161.40		85.9845		17,375.00		
	24	1.6539		6.4935		1.5600		7.9527		9.0250		161.80		86.1145		17,339.41		
	25	1.6548		6.4560		1.5560		7.9451		9.0165		161.80		85.7175		17,299.76		
	28	1.6513		6.4552		1.5620		7.9510		9.0443		162.40		86.0255		17,388.30		
	29	1.6412		6.6022		1.5655		7.9777		9.0691		162.00		86.2750		17,419.00		
	30	1.6438		6.6308		1.5676		7.9720		9.0742		162.20		86.2990		17,497.84		
	Oct.	1	1.6319		6.5821		1.5616		7.9805		9.1082		162.20		85.8275		17,423.28	
		2	1.6372		6.6039		1.5603		7.9656		9.0910		162.20		86.0375		17,445.33	
5		1.6379		6.6568		1.5614		8.0128		9.1203		162.40		86.0870		17,324.61		
6		1.6472		6.5363		1.5630		8.0111		9.1412		162.80		86.5715		17,379.93		
7		1.6500		6.5448		1.5640		7.9934		9.1219		162.80		86.2630		17,359.51		
8		1.6421		6.5832		1.5583		7.9894		9.1181		162.80		86.1860		17,362.20		
9		1.6405		6.5796		1.5542		7.9047		9.1412		162.80		86.1985		17,340.01		
12		1.6357		6.5268		1.5493		7.9578		9.1443		163.20		86.4760		17,378.69		

\* See Explanatory notes, p. 48.



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

### 1. End-of-month and daily rates (cont'd)

EUR 1 = CU ...

Other European and non-European countries (cont'd)								
Period	Israel New shekel ILS	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW	Malaysia Malaysian ringgit MYR	Mexico Mexican peso MXN	New Zealand New Zealand dollar NZD	Norway Norwegian krone NOK	Philippines Philippines peso PHP
2019 Aug.	3.8899	117.28	1,333.21	4.6412	22.1567	1.7490	10.0380	57.462
Sep.	3.7877	117.59	1,304.83	4.5592	21.4522	1.7375	9.8953	56.553
Oct.	3.9342	120.73	1,302.87	4.6607	21.3265	1.7359	10.2520	56.704
Nov.	3.8136	120.43	1,295.81	4.5882	21.4483	1.7090	10.1045	55.838
Dec.	3.8845	121.94	1,296.28	4.5953	21.2202	1.6653	9.8638	56.900
2020 Jan.	3.8090	120.35	1,321.60	4.5297	20.8044	1.7083	10.1893	56.382
Feb.	3.8052	119.36	1,324.98	4.6263	21.6370	1.7608	10.3888	56.027
Mar.	3.9018	118.90	1,341.03	4.7330	26.1772	1.8417	11.5100	55.865
Apr.	3.8069	115.87	1,313.09	4.6767	25.7953	1.7705	11.1840	54.772
May	3.9065	119.29	1,376.21	4.8414	24.5700	1.7863	10.7880	56.231
June	3.8821	120.66	1,345.83	4.7989	25.9470	1.7480	10.9120	55.834
July	4.0312	124.31	1,409.56	5.0230	26.2780	1.7771	10.7323	58.124
Aug.	4.0131	126.47	1,415.76	4.9736	26.0590	1.7728	10.4550	57.837
Sep.	4.0277	123.76	1,368.51	4.8653	26.1848	1.7799	11.1008	56.774
2020 Sep. 17	4.0382	123.38	1,383.16	4.8822	24.8461	1.7533	10.7238	57.167
18	4.0511	123.49	1,375.96	4.8687	24.7344	1.7489	10.7538	57.306
21	4.0576	122.70	1,372.84	4.8592	25.3145	1.7590	10.8840	57.142
22	4.0425	122.78	1,363.87	4.8539	25.1194	1.7630	10.9528	56.898
23	4.0386	122.91	1,362.80	4.8574	25.8339	1.7756	10.9938	56.778
24	4.0505	122.73	1,367.55	4.8542	26.1062	1.7847	11.1023	56.547
25	4.0528	122.74	1,367.57	4.8485	26.0006	1.7756	11.1445	56.431
28	4.0474	123.02	1,364.72	4.8728	25.9525	1.7791	11.0580	56.612
29	4.0421	123.61	1,365.89	4.8639	26.0452	1.7749	11.0543	56.695
30	4.0277	123.76	1,368.51	4.8653	26.1848	1.7799	11.1008	56.774
Oct. 1	4.0236	123.98	1,365.03	4.8788	25.6764	1.7667	10.9073	56.931
2	4.0244	123.40	1,364.68	4.8850	25.6582	1.7674	10.9040	56.864
5	4.0243	124.25	1,363.72	4.8867	25.2551	1.7703	10.8855	56.961
6	4.0193	124.58	1,368.49	4.8991	25.1631	1.7733	10.8603	57.137
7	4.0044	124.73	1,362.70	4.8917	25.2609	1.7862	10.9313	56.979
8	3.9909	124.69	1,355.48	4.8854	25.1418	1.7856	10.9038	57.004
9	3.9859	124.95	1,350.52	4.8808	25.0833	1.7821	10.8623	57.083
12	3.9933	124.41	1,355.30	4.8930	25.0730	1.7744	10.7925	57.268

Other European and non-European countries (cont'd)								
Period	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 Kingdom 1 Pound sterling GBP	United States US dollar USD
2019 Aug.	73.4150	1.5312	16.8299	1.0909	33.754	6.4418	0.90565	1.1036
Sep.	70.7557	1.5060	16.5576	1.0847	33.315	6.1491	0.88573	1.0889
Oct.	71.3639	1.5174	16.9120	1.1007	33.668	6.3717	0.86133	1.1154
Nov.	70.5544	1.5017	16.1197	1.0998	33.204	6.3198	0.85225	1.0982
Dec.	69.9563	1.5111	15.7773	1.0854	33.415	6.6843	0.85080	1.1234
2020 Jan.	70.3375	1.5092	16.4900	1.0694	34.460	6.6117	0.84175	1.1052
Feb.	73.6096	1.5317	17.0961	1.0614	34.632	6.8348	0.85315	1.0977
Mar.	85.9486	1.5633	19.6095	1.0585	35.925	7.2063	0.88643	1.0956
Apr.	79.8920	1.5324	19.6572	1.0558	35.216	7.5979	0.86905	1.0876
May	78.4416	1.5712	19.4239	1.0720	35.424	7.6101	0.90088	1.1136
June	79.6300	1.5648	19.4425	1.0651	34.624	7.6761	0.91243	1.1198
July	87.6900	1.6245	20.0960	1.0769	36.948	8.2595	0.90053	1.1848
Aug.	88.2993	1.6235	19.9589	1.0774	37.098	8.7770	0.89605	1.1940
Sep.	91.7763	1.6035	19.7092	1.0804	37.079	9.0990	0.91235	1.1708
2020 Sep. 17	88.6075	1.6039	19.2673	1.0742	36.801	8.9037	0.91530	1.1797
18	89.1439	1.6082	19.1520	1.0776	36.889	8.9600	0.91318	1.1833
21	89.9825	1.6027	19.7416	1.0761	36.823	8.9710	0.91608	1.1787
22	89.1500	1.5998	19.5779	1.0748	36.840	8.9850	0.91743	1.1740
23	89.7875	1.5989	19.9607	1.0773	36.841	8.9920	0.91885	1.1692
24	89.8713	1.6029	19.8675	1.0772	36.821	8.8851	0.91228	1.1645
25	90.4050	1.6022	19.9000	1.0798	36.781	8.8709	0.91343	1.1634
28	91.8152	1.6028	19.8905	1.0816	36.965	9.1073	0.90508	1.1670
29	92.1625	1.6018	19.8685	1.0795	36.988	9.1649	0.90963	1.1702
30	91.7763	1.6035	19.7092	1.0804	37.079	9.0990	0.91235	1.1708
Oct. 1	90.6050	1.6004	19.5373	1.0787	37.101	9.0606	0.90723	1.1752
2	92.0825	1.5988	19.4002	1.0790	36.991	9.0787	0.90673	1.1730
5	92.5353	1.6007	19.3447	1.0781	36.846	9.1614	0.90810	1.1768
6	91.7720	1.6032	19.4530	1.0781	36.795	9.1625	0.91058	1.1795
7	91.9715	1.5995	19.5793	1.0787	36.758	9.2722	0.91413	1.1770
8	91.0675	1.5979	19.4995	1.0799	36.724	9.3304	0.91035	1.1765
9	90.9413	1.5986	19.4315	1.0773	36.629	9.3279	0.91167	1.1795
12	90.7650	1.6011	19.4810	1.0742	36.754	9.2820	0.90598	1.1799

\* See Explanatory notes, p. 48. 1 The United Kingdom ceased to be a member of the European Union on 31 January 2020.

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

### 2. Annual and monthly averages +

EUR 1 = CU ...

EU member countries									
Period	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	1.9558	7.4182	25.647	7.4532	318.89	4.2615	4.6540	10.2583	
2019	1.9558	7.4180	25.670	7.4661	325.30	4.2976	4.7453	10.5891	
2018 Aug.	1.9558	7.4261	25.681	7.4558	323.02	4.2858	4.6439	10.4668	
Sep.	1.9558	7.4294	25.614	7.4583	324.82	4.3006	4.6471	10.4426	
Oct.	1.9558	7.4245	25.819	7.4597	323.84	4.3046	4.6658	10.3839	
Nov.	1.9558	7.4281	25.935	7.4611	322.33	4.3018	4.6610	10.2918	
Dec.	1.9558	7.4041	25.835	7.4653	322.74	4.2900	4.6536	10.2766	
2019 Jan.	1.9558	7.4286	25.650	7.4657	319.80	4.2916	4.7062	10.2685	
Feb.	1.9558	7.4151	25.726	7.4627	317.91	4.3175	4.7486	10.4986	
Mar.	1.9558	7.4206	25.676	7.4625	315.92	4.2969	4.7546	10.4999	
Apr.	1.9558	7.4282	25.677	7.4650	321.18	4.2864	4.7584	10.4819	
May	1.9558	7.4189	25.768	7.4675	324.98	4.2958	4.7594	10.7372	
June	1.9558	7.4079	25.605	7.4669	322.56	4.2635	4.7250	10.6263	
July	1.9558	7.3903	25.548	7.4656	325.27	4.2596	4.7286	10.5604	
Aug.	1.9558	7.3897	25.802	7.4602	326.91	4.3466	4.7280	10.7356	
Sep.	1.9558	7.4012	25.868	7.4634	332.45	4.3531	4.7381	10.6968	
Oct.	1.9558	7.4363	25.689	7.4693	331.46	4.3013	4.7538	10.8023	
Nov.	1.9558	7.4400	25.531	7.4720	333.62	4.2855	4.7698	10.6497	
Dec.	1.9558	7.4416	25.497	7.4720	330.71	4.2726	4.7779	10.4827	
2020 Jan.	1.9558	7.4429	25.216	7.4729	334.38	4.2507	4.7788	10.5544	
Feb.	1.9558	7.4543	25.051	7.4713	337.17	4.2766	4.7837	10.5679	
Mar.	1.9558	7.5706	26.575	7.4703	345.68	4.4406	4.8282	10.8751	
Apr.	1.9558	7.5928	27.262	7.4617	356.69	4.5437	4.8371	10.8845	
May	1.9558	7.5749	27.269	7.4577	350.76	4.5251	4.8371	10.5970	
June	1.9558	7.5682	26.681	7.4548	347.69	4.4450	4.8392	10.4869	
July	1.9558	7.5296	26.514	7.4467	351.16	4.4493	4.8383	10.3538	
Aug.	1.9558	7.5077	26.167	7.4460	348.93	4.3995	4.8376	10.3087	
Sep.	1.9558	7.5417	26.741	7.4418	360.61	4.4727	4.8602	10.4279	

Other European and non-European countries									
Period	Australia Australian dollar AUD	Brazil Brazilian real BRL	Canada Canadian dollar CAD	China Chinese yuan renminbi CNY	Hong Kong Hong Kong dollar HKD	Iceland Icelandic krona ISK	India Indian rupee INR	Indonesia Indonesian rupiah IDR	
2018	1.5797	4.3085	1.5294	7.8081	9.2559	127.89	80.7332	16,803.22	
2019	1.6109	4.4134	1.4855	7.7355	8.7715	137.28	78.8361	15,835.27	
2018 Aug.	1.5762	4.5357	1.5063	7.9092	9.0655	124.19	80.4260	16,822.69	
Sep.	1.6189	4.8013	1.5211	7.9930	9.1375	128.90	84.2109	17,338.45	
Oct.	1.6158	4.3246	1.4935	7.9481	9.0011	134.47	84.5447	17,428.73	
Nov.	1.5681	4.2973	1.4998	7.8880	8.9000	139.78	81.5611	16,651.71	
Dec.	1.5849	4.4214	1.5278	7.8398	8.9026	137.78	80.6166	16,512.15	
2019 Jan.	1.5975	4.2700	1.5196	7.7504	8.9527	136.66	80.7983	16,164.77	
Feb.	1.5895	4.2234	1.4995	7.6485	8.9082	136.10	80.8601	15,936.22	
Mar.	1.5959	4.3369	1.5104	7.5868	8.8718	135.48	78.5605	16,059.50	
Apr.	1.5802	4.3740	1.5035	7.5489	8.8164	135.34	78.0027	15,899.18	
May	1.6116	4.4797	1.5058	7.6736	8.7779	137.64	78.0798	16,095.47	
June	1.6264	4.3600	1.5011	7.7937	8.8383	140.82	78.4078	16,060.27	
July	1.6061	4.2416	1.4693	7.7151	8.7638	139.87	77.1279	15,745.50	
Aug.	1.6431	4.4649	1.4768	7.8581	8.7243	137.66	79.1902	15,838.62	
Sep.	1.6162	4.5307	1.4578	7.8323	8.6224	137.57	78.5678	15,511.84	
Oct.	1.6271	4.5212	1.4581	7.8447	8.6678	137.73	78.5177	15,604.45	
Nov.	1.6181	4.5900	1.4630	7.7571	8.6511	136.52	78.9799	15,546.69	
Dec.	1.6154	4.5700	1.4640	7.7974	8.6744	135.63	79.1092	15,568.87	
2020 Jan.	1.6189	4.6020	1.4523	7.6832	8.6283	137.10	79.1342	15,236.08	
Feb.	1.6356	4.7327	1.4485	7.6302	8.4785	138.23	77.9818	15,032.66	
Mar.	1.7788	5.3986	1.5417	7.7675	8.5907	149.11	82.4374	16,851.13	
Apr.	1.7271	5.7807	1.5287	7.6858	8.4194	157.11	82.7869	17,178.89	
May	1.6724	6.1499	1.5219	7.7482	8.4511	156.61	82.4983	16,198.23	
June	1.6322	5.8377	1.5254	7.9734	8.7226	152.71	85.2212	15,987.12	
July	1.6304	6.0590	1.5481	8.0352	8.8854	158.49	85.8847	16,659.27	
Aug.	1.6433	6.4381	1.5654	8.1954	9.1671	161.77	88.2309	17,402.53	
Sep.	1.6307	6.3663	1.5586	8.0333	9.1393	162.69	86.7266	17,491.99	

\* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. 1 The ECB did not

fix euro foreign exchange reference rates for the Icelandic krona from 4 December 2008 to 31 January 2018.

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

### 2. Annual and monthly averages + (cont'd)

EUR 1 = CU ...

Other European and non-European countries (cont'd)								
Period	Israel New shekel ILS	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW	Malaysia Malaysian ringgit MYR	Mexico Mexican peso MXN	New Zealand New Zealand dollar NZD	Norway Norwegian krone NOK	Philippines Philippines peso PHP
2018	4.2423	130.40	1,299.07	4.7634	22.7054	1.7065	9.5975	62.210
2019	3.9901	122.01	1,305.32	4.6374	21.5565	1.6998	9.8511	57.985
2018 Aug.	4.2330	128.20	1,295.39	4.7277	21.7835	1.7315	9.6161	61.539
Sep.	4.1858	130.54	1,305.86	4.8265	22.1891	1.7674	9.6205	62.957
Oct.	4.1996	129.62	1,300.10	4.7761	21.9950	1.7586	9.4793	61.950
Nov.	4.2122	128.79	1,280.89	4.7548	23.0062	1.6779	9.6272	59.958
Dec.	4.2736	127.88	1,278.13	4.7459	22.8889	1.6675	9.8055	60.135
2019 Jan.	4.2075	124.34	1,281.46	4.7001	21.8985	1.6850	9.7631	59.882
Feb.	4.1162	125.28	1,274.32	4.6272	21.7766	1.6605	9.7444	59.207
Mar.	4.0885	125.67	1,279.67	4.6090	21.7363	1.6540	9.7181	59.358
Apr.	4.0413	125.44	1,284.41	4.6237	21.3367	1.6720	9.6233	58.470
May	4.0184	122.95	1,325.20	4.6665	21.3926	1.7057	9.7794	58.483
June	4.0624	122.08	1,325.28	4.6968	21.7827	1.7119	9.7465	58.425
July	3.9758	121.41	1,320.29	4.6258	21.3614	1.6790	9.6587	57.338
Aug.	3.9046	118.18	1,347.10	4.6599	21.8925	1.7303	9.9742	58.075
Sep.	3.8769	118.24	1,315.02	4.6056	21.5374	1.7345	9.9203	57.306
Oct.	3.8882	119.51	1,308.65	4.6283	21.3687	1.7455	10.1165	56.860
Nov.	3.8472	120.34	1,291.19	4.5937	21.3399	1.7266	10.1087	56.062
Dec.	3.8630	121.24	1,306.19	4.6093	21.2640	1.6864	10.0429	56.432
2020 Jan.	3.8417	121.36	1,296.12	4.5279	20.8733	1.6811	9.9384	56.436
Feb.	3.7432	120.03	1,303.58	4.5391	20.5356	1.7064	10.1327	55.369
Mar.	3.9860	118.90	1,347.99	4.7549	24.7250	1.8276	11.2943	56.453
Apr.	3.8771	116.97	1,328.89	4.7307	26.3607	1.8109	11.3365	55.065
May	3.8348	116.87	1,340.44	4.7331	25.5652	1.7890	10.9862	55.121
June	3.8893	121.12	1,358.75	4.8118	25.0828	1.7473	10.7298	56.333
July	3.9331	122.38	1,374.16	4.8878	25.6999	1.7406	10.6544	56.619
Aug.	4.0214	125.40	1,403.44	4.9506	26.2544	1.7931	10.5797	57.682
Sep.	4.0350	124.50	1,388.68	4.8935	25.5361	1.7681	10.7769	57.223

Other European and non-European countries (cont'd)								
Period	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 Kingdom <sup>1</sup> Pound sterling GBP	United States US dollar USD
2018	74.0416	1.5926	15.6186	1.1550	38.164	5.7077	0.88471	1.1810
2019	72.4553	1.5273	16.1757	1.1124	34.757	6.3578	0.87777	1.1195
2018 Aug.	76.6684	1.5807	16.2808	1.1413	38.146	6.8488	0.89687	1.1549
Sep.	78.8756	1.5986	17.2295	1.1286	38.013	7.3840	0.89281	1.1659
Oct.	75.6102	1.5843	16.6548	1.1413	37.652	6.6919	0.88272	1.1484
Nov.	75.5508	1.5629	16.0114	1.1377	37.470	6.0896	0.88118	1.1367
Dec.	76.6804	1.5595	16.1870	1.1293	37.238	6.0630	0.89774	1.1384
2019 Jan.	76.3055	1.5486	15.8170	1.1297	36.318	6.1365	0.88603	1.1416
Feb.	74.7184	1.5365	15.6879	1.1368	35.532	5.9888	0.87264	1.1351
Mar.	73.6288	1.5306	16.2507	1.1311	35.869	6.1983	0.85822	1.1302
Apr.	72.6571	1.5239	15.8959	1.1319	35.800	6.4707	0.86179	1.1238
May	72.6164	1.5340	16.1371	1.1304	35.570	6.7694	0.87176	1.1185
June	72.4028	1.5390	16.4749	1.1167	35.139	6.5619	0.89107	1.1293
July	70.9068	1.5268	15.7412	1.1076	34.550	6.3528	0.89942	1.1218
Aug.	73.2161	1.5408	16.8632	1.0892	34.218	6.2869	0.91554	1.1126
Sep.	71.4106	1.5183	16.3207	1.0903	33.639	6.2765	0.89092	1.1004
Oct.	71.0858	1.5150	16.4939	1.0981	33.558	6.4023	0.87539	1.1053
Nov.	70.5770	1.5047	16.3444	1.0978	33.422	6.3420	0.85761	1.1051
Dec.	69.9867	1.5081	16.0502	1.0925	33.562	6.5022	0.84731	1.1113
2020 Jan.	68.7690	1.5003	16.0091	1.0765	33.814	6.5808	0.84927	1.1100
Feb.	69.9107	1.5157	16.3640	1.0648	34.163	6.6195	0.84095	1.0905
Mar.	82.4264	1.5671	18.4175	1.0591	35.499	7.0170	0.89460	1.1063
Apr.	81.7454	1.5474	20.1822	1.0545	35.446	7.4617	0.87547	1.0862
May	79.2332	1.5461	19.7453	1.0574	34.953	7.5527	0.88685	1.0902
June	78.0103	1.5686	19.2726	1.0712	35.077	7.6807	0.89878	1.1255
July	82.0171	1.5906	19.2174	1.0711	36.014	7.8843	0.90467	1.1463
Aug.	87.3520	1.6195	20.3836	1.0767	36.911	8.6144	0.90081	1.1828
Sep.	89.5997	1.6104	19.7338	1.0786	36.997	8.9084	0.90947	1.1792

\* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. <sup>1</sup> The United Kingdom ceased to be a member of the European Union on 31 January 2020.

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

### 3. End-of-year rates and annual averages

EUR 1 = CU ...

Period	EU member countries								
	Bulgaria Bulgarian lev BGN	Croatia Kuna HRK	Cyprus Cyprus pound CYP <sup>1</sup>	Czechia Czech koruna CZK	Denmark Danish krone DKK	Estonia Estonian kroon EEK <sup>1</sup>	Hungary Hungarian forint HUF	Latvia Latvian lats LVL <sup>1</sup>	Lithuania Lithuanian litas LTL <sup>1</sup>
<b>End of year</b>									
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	–	–
2018	1.9558	7.4125	–	25.724	7.4673	–	320.98	–	–
2019	1.9558	7.4395	–	25.408	7.4715	–	330.53	–	–
<b>Annual averages <sup>+</sup></b>									
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	–	–
2018	1.9558	7.4182	–	25.647	7.4532	–	318.89	–	–
2019	1.9558	7.4180	–	25.670	7.4661	–	325.30	–	–

Period	EU member countries (cont'd)						Other European and non-European countries			
	Malta Maltese lira MTL <sup>1</sup>	Poland Polish zloty PLN	Romania Romanian leu RON	Slovakia Slovak koruna SKK <sup>1</sup>	Slovenia Slovenian tolar SIT <sup>1</sup>	Sweden Swedish krona SEK	Australia Australian dollar AUD	Brazil Brazilian real BRL <sup>2</sup>	Canada Canadian dollar CAD	China Chinese yuan renminbi CNY
<b>End of year</b>										
2006	0.4293	3.8310	3.3835	34.435	239.6400	9.0404	1.6691	2.8141	1.5281	10.2793
2007	0.4293	3.5935	3.6077	33.583	–	9.4415	1.6757	2.5914	1.4449	10.7524
2008	–	4.1535	4.0225	30.126	–	10.8700	2.0274	3.2436	1.6998	9.4956
2009	–	4.1045	4.2363	–	–	10.2520	1.6008	2.5113	1.5128	9.8350
2010	–	3.9750	4.2620	–	–	8.9655	1.3136	2.2177	1.3322	8.8220
2011	–	4.4580	4.3233	–	–	8.9120	1.2723	2.4159	1.3215	8.1588
2012	–	4.0740	4.4445	–	–	8.5820	1.2712	2.7036	1.3137	8.2207
2013	–	4.1543	4.4710	–	–	8.8591	1.5423	3.2576	1.4671	8.3491
2014	–	4.2732	4.4828	–	–	9.3930	1.4829	3.2207	1.4063	7.5358
2015	–	4.2639	4.5240	–	–	9.1895	1.4897	4.3117	1.5116	7.0608
2016	–	4.4103	4.5390	–	–	9.5525	1.4596	3.4305	1.4188	7.3202
2017	–	4.1770	4.6585	–	–	9.8438	1.5346	3.9729	1.5039	7.8044
2018	–	4.3014	4.6635	–	–	10.2548	1.6220	4.4440	1.5605	7.8751
2019	–	4.2568	4.7830	–	–	10.4468	1.5995	4.5157	1.4598	7.8205
<b>Annual averages <sup>+</sup></b>										
2006	0.4293	3.8959	3.5258	37.234	239.5961	9.2544	1.6668	2.7333	1.4237	10.0096
2007	0.4293	3.7837	3.3353	33.775	–	9.2501	1.6348	2.6633	1.4678	10.4178
2008	–	3.5121	3.6826	31.262	–	9.6152	1.7416	2.6737	1.5594	10.2236
2009	–	4.3276	4.2399	–	–	10.6191	1.7727	2.7674	1.5850	9.5277
2010	–	3.9947	4.2122	–	–	9.5373	1.4423	2.3314	1.3651	8.9712
2011	–	4.1206	4.2391	–	–	9.0298	1.3484	2.3265	1.3761	8.9960
2012	–	4.1847	4.4593	–	–	8.7041	1.2407	2.5084	1.2842	8.1052
2013	–	4.1975	4.4190	–	–	8.6515	1.3777	2.8687	1.3684	8.1646
2014	–	4.1843	4.4437	–	–	9.0985	1.4719	3.1211	1.4661	8.1857
2015	–	4.1841	4.4454	–	–	9.3535	1.4777	3.7004	1.4186	6.9733
2016	–	4.3632	4.4904	–	–	9.4689	1.4883	3.8561	1.4659	7.3522
2017	–	4.2570	4.5688	–	–	9.6351	1.4732	3.6054	1.4647	7.6290
2018	–	4.2615	4.6540	–	–	10.2583	1.5797	4.3085	1.5294	7.8081
2019	–	4.2976	4.7453	–	–	10.5891	1.6109	4.4134	1.4855	7.7355

\* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. <sup>1</sup> Accession to the euro area, see p. 7 (Table I. 1.). <sup>2</sup> 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	Hong Kong Hong Kong dollar HKD	Iceland Icelandic krona ISK <sup>1</sup>	India Indian rupee INR <sup>2</sup>	Indonesia Indonesian rupiah IDR	Israel New shekel ILS <sup>3</sup>	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW	Malaysia Malaysian ringgit MYR	Mexico Mexican peso MXN <sup>4</sup>	New Zealand New Zealand dollar NZD
<b>End of year</b>										
2006	10.2409	93.13	58.2180	11,844.44	5.5677	156.93	1,224.81	4.6490	14.2899	1.8725
2007	11.4800	91.90	57.8620	13,826.70	5.6539	164.93	1,377.96	4.8682	16.0732	1.9024
2008	10.7858	–	67.4370	15,239.12	5.2919	126.14	1,839.13	4.8048	19.2333	2.4191
2009	11.1709	–	67.0400	13,626.13	5.4524	133.16	1,666.97	4.9326	18.9223	1.9803
2010	10.3856	–	59.7580	12,002.14	4.7321	108.65	1,499.06	4.0950	16.5475	1.7200
2011	10.0510	–	68.7130	11,731.47	4.9453	100.20	1,498.69	4.1055	18.0512	1.6737
2012	10.2260	–	72.5600	12,713.97	4.9258	113.61	1,406.23	4.0347	17.1845	1.6045
2013	10.6933	–	85.3660	16,764.78	4.7880	144.72	1,450.93	4.5221	18.0731	1.6762
2014	9.4170	–	76.7190	15,076.10	4.7200	145.23	1,324.80	4.2473	17.8679	1.5525
2015	8.4376	–	72.0215	15,039.99	4.2481	131.07	1,280.78	4.6959	18.9145	1.5923
2016	8.1751	–	71.5935	14,173.43	4.0477	123.40	1,269.36	4.7287	21.7719	1.5158
2017	9.3720	–	76.6055	16,239.12	4.1635	135.01	1,279.61	4.8536	23.6612	1.6850
2018	8.9675	133.20	79.7298	16,500.00	4.2972	125.85	1,277.93	4.7317	22.4921	1.7056
2019	8.7473	135.80	80.1870	15,595.60	3.8845	121.94	1,296.28	4.5953	21.2202	1.6653
<b>Annual averages +</b>										
2006	9.7545	87.76	56.8435	11,512.37	5.5920	146.02	1,198.58	4.6044	13.6936	1.9373
2007	10.6912	87.63	56.4186	12,528.33	5.6278	161.25	1,272.99	4.7076	14.9743	1.8627
2008	11.4541	143.83	63.6143	14,165.16	5.2561	152.45	1,606.09	4.8893	16.2911	2.0770
2009	10.8114	–	67.3611	14,443.74	5.4668	130.34	1,772.90	4.9079	18.7989	2.2121
2010	10.2994	–	60.5878	12,041.70	4.9457	116.24	1,531.82	4.2668	16.7373	1.8377
2011	10.8362	–	64.8859	12,206.51	4.9775	110.96	1,541.23	4.2558	17.2877	1.7600
2012	9.9663	–	68.5973	12,045.73	4.9536	102.49	1,447.69	3.9672	16.9029	1.5867
2013	10.3016	–	77.9300	13,857.50	4.7948	129.66	1,453.91	4.1855	16.9641	1.6206
2014	10.3025	–	81.0406	15,748.92	4.7449	140.31	1,398.14	4.3446	17.6550	1.5995
2015	8.6014	–	71.1956	14,870.39	4.3122	134.31	1,256.54	4.3373	17.6157	1.5930
2016	8.5922	–	74.3717	14,720.83	4.2489	120.20	1,284.18	4.5835	20.6673	1.5886
2017	8.8045	–	73.5324	15,118.01	4.0622	126.71	1,276.74	4.8527	21.3286	1.5897
2018	9.2559	127.89	80.7332	16,803.22	4.2423	130.40	1,299.07	4.7634	22.7054	1.7065
2019	8.7715	137.28	78.8361	15,835.27	3.9901	122.01	1,305.32	4.6374	21.5565	1.6998

Other European and non-European countries (cont'd)

Period	Norway Norwegian krona 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 <sup>5</sup> TRY	United Kingdom <sup>6</sup> Pound sterling GBP	United States US dollar USD
<b>End of year</b>										
2006	8.2380	64.546	34.6800	2.0202	9.2124	1.6069	46.770	1.8640	0.67150	1.3170
2007	7.9580	60.724	35.9860	2.1163	10.0298	1.6547	43.800	1.7170	0.73335	1.4721
2008	9.7500	65.930	41.2830	2.0040	13.0667	1.4850	48.285	2.1488	0.95250	1.3917
2009	8.3000	66.507	43.1540	2.0194	10.6660	1.4836	47.986	2.1547	0.88810	1.4406
2010	7.8000	58.300	40.8200	1.7136	8.8625	1.2504	40.170	2.0694	0.86075	1.3362
2011	7.7540	56.754	41.7650	1.6819	10.4830	1.2156	40.991	2.4432	0.83530	1.2939
2012	7.3483	54.107	40.3295	1.6111	11.1727	1.2072	40.347	2.3551	0.81610	1.3194
2013	8.3630	61.289	45.3246	1.7414	14.5660	1.2276	45.178	2.9605	0.83370	1.3791
2014	9.0420	54.436	72.3370	1.6058	14.0353	1.2024	39.910	2.8320	0.77890	1.2141
2015	9.6030	50.999	80.6736	1.5417	16.9530	1.0835	39.248	3.1765	0.73395	1.0887
2016	9.0863	52.268	64.3000	1.5234	14.4570	1.0739	37.726	3.7072	0.85618	1.0541
2017	9.8403	59.795	69.3920	1.6024	14.8054	1.1702	39.121	4.5464	0.88723	1.1993
2018	9.9483	60.113	79.7153	1.5591	16.4594	1.1269	37.052	6.0588	0.89453	1.1450
2019	9.8638	56.900	69.9563	1.5111	15.7773	1.0854	33.415	6.6843	0.85080	1.1234
<b>Annual averages +</b>										
2006	8.0472	64.379	34.1117	1.9941	8.5312	1.5729	47.594	1.8090	0.68173	1.2556
2007	8.0165	63.026	35.0183	2.0636	9.6596	1.6427	44.214	1.7865	0.68434	1.3705
2008	8.2237	65.172	36.4207	2.0762	12.0590	1.5874	48.475	1.9064	0.79628	1.4708
2009	8.7278	66.338	44.1376	2.0241	11.6737	1.5100	47.804	2.1631	0.89094	1.3948
2010	8.0043	59.739	40.2629	1.8055	9.6984	1.3803	42.014	1.9965	0.85784	1.3257
2011	7.7934	60.260	40.8846	1.7489	10.0970	1.2326	42.429	2.3378	0.86788	1.3920
2012	7.4751	54.246	39.9262	1.6055	10.5511	1.2053	39.928	2.3135	0.81087	1.2848
2013	7.8067	56.428	42.3370	1.6619	12.8330	1.2311	40.830	2.5335	0.84926	1.3281
2014	8.3544	58.979	50.9518	1.6823	14.4037	1.2146	43.147	2.9065	0.80612	1.3285
2015	8.9496	50.522	68.0720	1.5255	14.1723	1.0679	38.028	3.0255	0.72584	1.1095
2016	9.2906	52.556	74.1446	1.5275	16.2645	1.0902	39.043	3.3433	0.81948	1.1069
2017	9.3270	56.973	65.9383	1.5588	15.0490	1.1117	38.296	4.1206	0.87667	1.1297
2018	9.5975	62.210	74.0416	1.5926	15.6186	1.1550	38.164	5.7077	0.88471	1.1810
2019	9.8511	57.985	72.4553	1.5273	16.1757	1.1124	34.757	6.3578	0.87777	1.1195

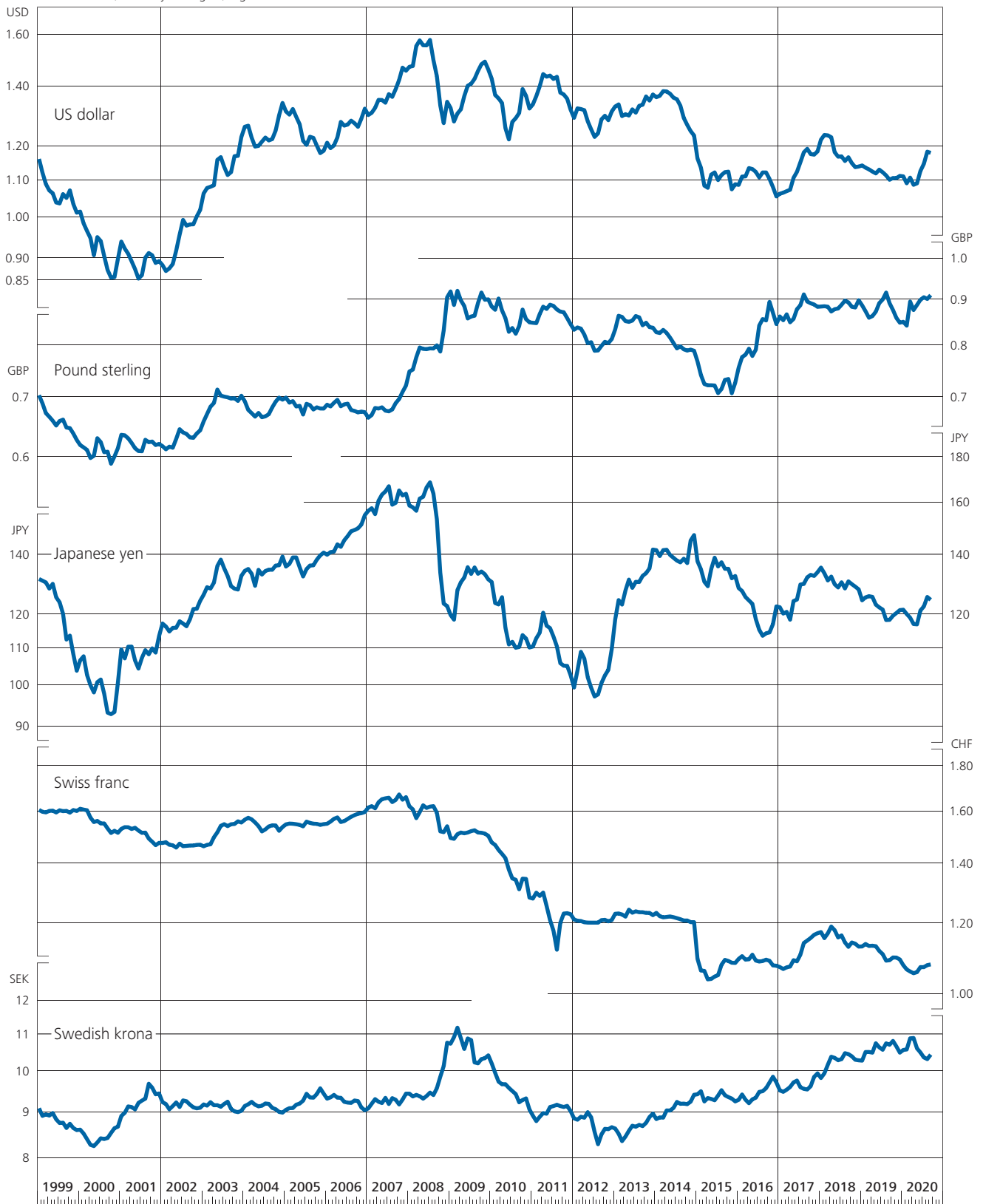
\* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. <sup>1</sup> The ECB did not fix euro foreign exchange reference rates for the Icelandic krona from 4 December 2008 to 31 January 2018. <sup>2</sup> Up to December 2008, ECB indicative rates. <sup>3</sup> Up to

December 2010, ECB indicative rates. <sup>4</sup> Up to December 2007, ECB indicative rates. <sup>5</sup> Up to end-2008, New Turkish lira. <sup>6</sup> The United Kingdom ceased to be a member of the European Union on 31 January 2020.

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

### 4. Exchange rates of major currencies

EUR 1 = CU ..., monthly averages<sup>1</sup>, log. scale

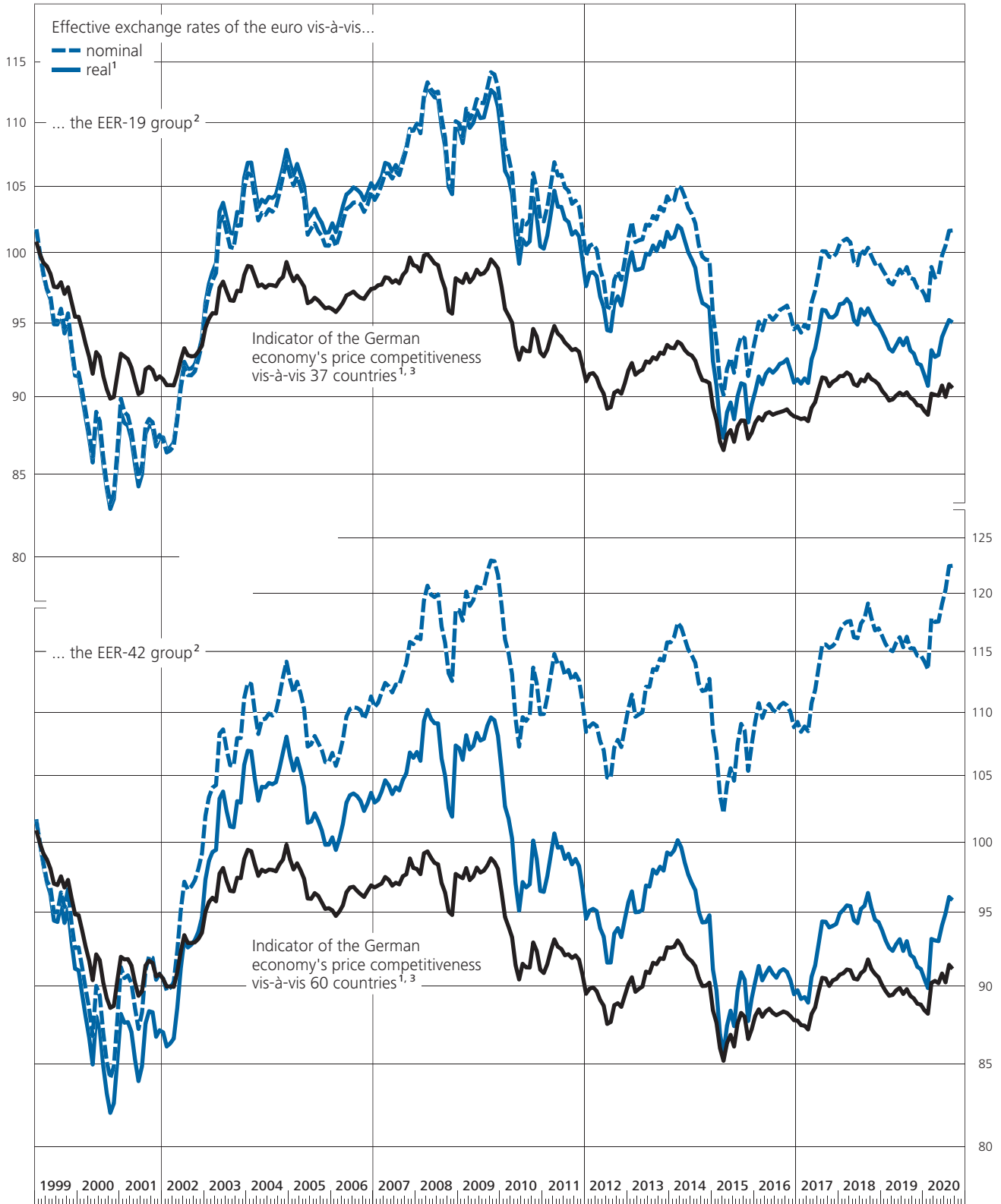


\* See explanatory notes, p. 48. <sup>1</sup> Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB.

### III. Effective exchange rates

#### 1. Effective exchange rates of the euro and indicators of the German economy's price competitiveness\*

Q1 1999 = 100, monthly averages, log. scale



Source: ECB and Bundesbank calculation. \* The weights are based on trade in manufactured goods and, as from the publication of 1 July 2020, additionally on trade in services. For more detailed information on methodology and definition of country groups, see Explanatory notes, pp. 48–50. A decline in the figures

implies an increase in competitiveness. **1** Based on consumer price indices. **2** Includes the 19 respectively 42 most important trading partners of the euro area economy. **3** Includes the 37 respectively 60 most important trading partners of the German economy.

### III. Effective exchange rates

#### 2. Effective exchange rates of the euro \*

Q1 1999 = 100

		Effective exchange rate of the euro vis-à-vis the currencies of the group					
		EER-19 1			EER-42 1		
Yearly, quarterly or monthly average	Nominal	In real terms based on consumer price indices	In real terms based on the deflators of gross domestic product	In real terms based on unit labour costs of national economy	Nominal	In real terms based on consumer price indices	
	1999	96.3	96.1	96.0	96.1	96.5	95.9
2000	87.2	86.8	86.1	85.8	88.1	86.1	
2001	87.6	87.1	86.8	86.8	90.2	86.9	
2002	89.9	90.2	89.9	90.4	94.5	90.5	
2003	100.5	101.3	101.1	101.8	106.4	101.5	
2004	104.3	105.2	104.0	105.2	110.8	105.3	
2005	102.9	103.9	102.1	103.4	109.0	102.9	
2006	102.9	103.9	101.5	102.3	109.1	102.3	
2007	106.4	106.9	103.8	104.7	112.7	104.5	
2008	110.2	109.8	106.0	109.0	117.4	106.9	
2009	111.7	110.6	107.1	114.7	120.5	108.0	
2010	104.5	102.9	99.0	106.6	111.9	99.0	
2011	104.3	102.0	97.0	105.0	112.7	98.6	
2012	98.6	96.8	91.5	98.9	107.5	93.8	
2013	102.2	99.9	94.4	101.9	112.2	96.8	
2014	102.4	99.3	94.3	102.6	114.6	97.2	
2015	92.6	89.6	85.8	92.2	106.1	88.7	
2016	95.3	91.6	88.0	p 93.4	110.1	90.7	
2017	97.5	93.5	89.1	p 94.1	112.4	91.9	
2018	100.0	95.7	90.5	p 95.5	117.3	95.1	
2019	98.2	93.3	88.7	p 92.8	115.5	92.4	
2018 Oct.	99.7	95.5			117.8	95.3	
Nov.	99.2	95.0	89.9	p 94.8	116.8	94.5	
Dec.	99.3	94.8			117.0	94.3	
2019 Jan.	98.8	94.3			116.3	93.7	
Feb.	98.4	93.8	88.9	p 93.3	115.6	93.1	
Mar.	97.9	93.2			115.2	92.6	
Apr.	97.7	93.0			115.0	92.3	
May	98.2	93.4	88.6	p 93.0	115.7	92.8	
June	98.8	93.9			116.2	93.1	
July	98.4	93.4			115.4	92.3	
Aug.	98.9	94.0	88.9	p 93.2	116.2	93.0	
Sep.	98.2	93.1			115.3	92.1	
Oct.	98.1	92.9			115.3	91.9	
Nov.	97.5	92.2	88.4	p 92.0	114.6	91.3	
Dec.	97.4	92.1			114.7	91.1	
2020 Jan.	97.0	91.4			114.2	90.5	
Feb.	96.3	90.7	88.1	p 92.6	113.5	89.9	
Mar.	99.0	93.1			117.8	p 93.2	
Apr.	98.2	92.6			117.5	p 93.1	
May	98.4	92.8	p 88.1	p 92.1	117.6	p 93.0	
June	99.8	94.0			119.1	p 94.1	
July	100.5	p 94.6			120.3	p 94.9	
Aug.	101.6	p 95.2	...	...	122.4	p 96.1	
Sep.	101.6	p 95.0			122.5	p 95.8	
2020 Sep. 14	102.2	-	-	-	123.0	-	
15	102.1	-	-	-	122.9	-	
16	101.8	-	-	-	122.5	-	
17	101.5	-	-	-	122.2	-	
18	101.6	-	-	-	122.3	-	
21	101.6	-	-	-	122.4	-	
22	101.4	-	-	-	122.2	-	
23	101.4	-	-	-	122.2	-	
24	101.4	-	-	-	122.2	-	
25	101.4	-	-	-	122.2	-	
28	101.4	-	-	-	122.3	-	
29	101.6	-	-	-	122.6	-	
30	101.7	-	-	-	122.7	-	
Oct. 1	101.4	-	-	-	122.3	-	
2	101.3	-	-	-	122.3	-	
5	101.6	-	-	-	122.6	-	
6	101.7	-	-	-	122.7	-	
7	101.7	-	-	-	122.7	-	
8	101.5	-	-	-	122.5	-	
9	101.4	-	-	-	122.3	-	
12	101.4	-	-	-	122.3	-	

ECB calculation. \* The weights are based on trade in manufactured goods and, as from the publication of 1 July 2020, additionally on trade in services. For information on methodology and grouping of countries, see Explanatory notes, pp. 48-50. A decline in the

figures implies an increase in competitiveness. Where current price and wage indices were not available, estimates were used. 1 Includes the 19 respectively 42 most important trading partners for the euro area economy.



### III. Effective exchange rates

#### 3. Indicators of the German economy's price competitiveness \*

Q1 1999 = 100

Yearly, quarterly or monthly average	Based on the deflators of total sales vis-à-vis					Based on consumer price indices vis-à-vis						
	26 selected industrial countries 1				37 countries 2	26 selected industrial countries 1					37 countries 2	60 countries 2
	Total	of which:				Total	of which:					
		Euro area countries	Non-euro area countries	Euro area countries			Non-euro area countries					
1999	97.9	99.6	95.9	97.7	98.2	100.1	96.0	98.1	97.8			
2000	91.9	97.4	85.5	91.1	93.0	99.0	86.1	92.2	91.2			
2001	91.8	96.5	86.1	90.5	92.9	98.1	86.9	91.6	91.0			
2002	92.3	95.6	88.6	91.1	93.4	96.8	89.4	92.1	91.9			
2003	95.9	94.7	97.7	95.3	97.0	95.7	98.9	96.7	96.8			
2004	96.2	93.5	100.2	95.6	98.4	95.4	102.8	98.1	98.4			
2005	94.8	91.9	99.0	93.3	98.4	95.1	103.1	97.1	96.8			
2006	93.6	90.3	98.4	91.6	98.5	94.8	103.9	96.7	96.0			
2007	94.6	89.5	102.1	92.0	100.9	95.1	109.6	98.2	97.4			
2008	94.9	88.3	105.3	91.3	102.3	94.5	114.6	98.4	97.6			
2009	95.2	89.1	104.8	92.0	101.9	94.4	113.5	98.5	98.0			
2010	92.6	88.7	98.3	88.2	98.7	94.0	105.8	94.2	92.5			
2011	92.2	88.5	97.7	87.4	98.2	93.6	104.8	93.4	91.9			
2012	90.1	88.3	92.6	84.8	95.9	93.2	99.6	90.5	89.0			
2013	92.4	88.8	97.6	86.7	98.2	93.3	105.3	92.3	90.9			
2014	92.9	89.6	97.8	87.4	98.2	93.6	104.9	92.5	91.5			
2015	89.8	90.3	89.0	83.6	94.4	94.0	94.6	87.8	87.0			
2016	90.7	90.7	90.5	84.9	95.1	94.0	96.2	88.8	88.2			
2017	91.8	90.8	93.2	85.6	96.4	94.2	99.3	89.9	89.0			
2018	92.9	90.8	96.0	86.4	97.7	94.3	102.7	91.2	90.9			
2019	92.0	91.1	93.2	85.7	96.4	94.3	99.4	89.9	89.5			
2017 Apr.					94.8	94.0	95.5	88.4	87.2			
May	91.2	90.8	91.6	85.1	95.6	94.1	97.6	89.3	88.2			
June					96.1	94.1	98.7	89.6	88.6			
July					96.9	94.3	100.5	90.5	89.6			
Aug.	92.8	90.9	95.6	86.6	97.7	94.4	102.6	91.3	90.5			
Sep.					97.7	94.3	102.5	91.2	90.5			
Oct.					97.3	94.0	101.9	90.7	90.0			
Nov.	92.9	90.8	95.9	86.5	97.7	94.4	102.5	91.0	90.4			
Dec.					97.9	94.4	102.9	91.1	90.5			
2018 Jan.					98.2	94.2	104.1	91.4	90.8			
Feb.	93.4	90.6	97.5	86.7	98.2	94.3	104.1	91.4	90.8			
Mar.					98.4	94.4	104.4	91.6	91.1			
Apr.					98.4	94.3	104.4	91.4	91.0			
May	93.0	90.7	96.2	86.2	97.8	94.3	102.8	90.8	90.5			
June					97.5	94.4	102.0	90.7	90.4			
July					97.4	94.1	102.2	91.1	90.8			
Aug.	92.7	90.7	95.6	86.4	97.3	94.2	101.7	91.0	91.0			
Sep.					97.7	94.5	102.4	91.5	91.8			
Oct.					97.4	94.4	101.5	91.1	91.1			
Nov.	92.6	91.0	94.8	86.3	97.3	94.5	101.1	91.0	90.8			
Dec.					97.2	94.4	101.1	90.8	90.6			
2019 Jan.					96.8	94.1	100.6	90.4	90.1			
Feb.	92.0	90.7	93.9	85.6	96.7	94.1	100.2	90.1	89.7			
Mar.					96.4	94.0	99.6	89.7	89.4			
Apr.					96.5	94.3	99.6	89.8	89.4			
May	92.1	91.0	93.6	85.6	96.6	94.3	99.7	90.1	89.7			
June					96.8	94.3	100.2	90.3	89.9			
July					96.7	94.4	99.9	90.1	89.5			
Aug.	92.0	91.2	93.1	85.8	96.5	94.3	99.7	90.3	89.8			
Sep.					96.2	94.4	98.6	89.9	89.3			
Oct.					96.2	94.3	98.7	89.8	89.2			
Nov.	91.8	91.3	92.3	85.6	96.0	94.3	98.2	89.4	88.8			
Dec.					95.9	94.3	98.0	89.4	88.8			
2020 Jan.					95.9	94.4	97.9	89.0	88.4			
Feb.	91.6	91.4	91.7	85.4	95.6	94.5	96.9	88.8	88.2			
Mar.					96.6	94.6	99.2	90.2	p			
Apr.					96.3	94.7	98.2	90.1	p			
May	91.6	91.6	91.4	p	96.2	94.6	98.3	90.1	p			
June					96.9	94.6	100.1	90.7	p			
July					96.0	93.3	99.8	p	90.0			
Aug.	...	...	...	...	p	97.0	101.2	p	90.8			
Sep.					96.8	p	93.7	p	90.6			

\* The weights are based on trade in manufactured goods and, as from the publication of 1 July 2020, additionally on trade in services. For information on methodology and grouping of countries, see Explanatory notes, pp. 48-50. A decline in the figures implies an increase in competitiveness. Where current price and wage indices were not avail-

able, estimates were used. 1 Includes euro area countries (moving composition) as well as the 8 most important trading partners for the German economy. 2 Includes the 37 respectively 60 most important trading partners for the German economy.

#### 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Afghanistan</b>							
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 77.7425	AFN 76.6775	AFN 76.7700	AFN 76.8313
		S	USD 1 =	AFN 77.8425	AFN 76.7775	AFN 76.8700	AFN 76.9313
	AFN	B	EUR 1 =	AFN 86.8579	AFN 87.4450	AFN 88.4891	AFN 89.1422
		S	EUR 1 =	AFN 87.1179	AFN 87.7050	AFN 88.7491	AFN 89.4022
<b>Albania</b>							
Tirana 070	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 109.89	ALL 105.61	ALL 104.33	ALL 105.99
		M	EUR 1 =	ALL 123.10	ALL 123.95	ALL 124.09	ALL 124.05
<b>Algeria</b>							
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 119.3708	DZD 128.2031	DZD 127.8556	DZD 129.2618
		S	USD 1 =	DZD 119.3858	DZD 128.2181	DZD 127.8706	DZD 129.2768
	DZD	B	EUR 1 =	DZD 133.6219	DZD 152.0232	DZD 152.4678	DZD 151.1587
		S	EUR 1 =	DZD 133.6725	DZD 152.0923	DZD 152.5241	DZD 151.2151
<b>Angola <sup>1</sup></b>							
Luanda 330	Kwanza = 100 cêntimos AOA	M	USD 1 =	AOA 374.840	AOA 577.762	AOA 600.245	AOA 620.210
		M	EUR 1 =	AOA 419.071	AOA 668.765	AOA 716.663	AOA 726.173
<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 3.0094	XCD 3.1850	XCD 3.2097	XCD 3.1473
		V, S	EUR 1 =	XCD 3.0416	XCD 3.2190	XCD 3.2440	XCD 3.1809
<b>Argentina <sup>1</sup></b>							
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 48.0341	ARS 72.1200	ARS 73.9800	ARS 75.9800
		S	USD 1 =	ARS 48.2341	ARS 72.3200	ARS 74.1800	ARS 76.1800
	ARS	B	EUR 1 =	ARS 53.6198	ARS 84.9718	ARS 88.2581	ARS 88.9650
		S	EUR 1 =	ARS 53.9640	ARS 85.3882	ARS 88.6822	ARS 89.3896
<b>Armenia</b>							
Yerevan 077	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 480.30	AMD 485.33	AMD 487.20	AMD 488.41
		M	EUR 1 =	AMD 537.96	AMD 575.46	AMD 580.55	AMD 571.78
<b>Aruba</b>							
Oranjestad 474	Aruban florin = 100 cents	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 199.37	AWG 210.72	AWG 212.56	AWG 208.53
		S	EUR 100 =	AWG 201.37	AWG 212.84	AWG 214.70	AWG 210.62

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Australia</b>							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.6952	USD 0.7213	USD 0.7354	USD 0.7108
		M	AUD 1 =	EUR 0.6220	EUR 0.6067	EUR 0.6178	EUR 0.6058
<b>Austria</b>							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708
<b>Azerbaijan</b>							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 1.7000	AZN 1.7000	AZN 1.7000	AZN 1.7000
		M	EUR 1 =	AZN 1.9044	AZN 2.0003	AZN 2.0232	AZN 1.9850
<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 1.11390	BSD 1.17888	BSD 1.18803	BSD 1.16495
		V, S	EUR 1 =	BSD 1.13349	BSD 1.19961	BSD 1.20893	BSD 1.18544
<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 0.37785	BHD 0.37785	BHD 0.37785	BHD 0.37785
		B	EUR 1 =	BHD 0.4095324	BHD 0.4291770	BHD 0.4329010	BHD 0.4381719 v
		S	EUR 1 =	BHD 0.4348643	BHD 0.4557230	BHD 0.4596790	BHD 0.4423868 v
<b>Bangladesh <sup>1</sup></b>							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 84.4875	BDT 84.8000	BDT 84.8000	BDT 84.8360
		S	USD 1 =	BDT 84.4875	BDT 84.8000	BDT 84.8500	BDT 84.8360
		B	EUR 1 =	BDT 94.4087	BDT 99.9792	BDT 100.9374	BDT 99.6074
		S	EUR 1 =	BDT 94.4389	BDT 100.0131	BDT 101.0309	BDT 99.6648
<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 2.22660	BBD 2.35643	BBD 2.36818	BBD 2.33821
		S	EUR 1 =	BBD 2.26834	BBD 2.40061	BBD 2.41258	BBD 2.38205
<b>Belarus</b>							
Minsk 073	Belarusian rouble = 100 kopecks BYN	M	USD 1 =	BYN 2.0921	BYN 2.4386	BYN 2.6631	BYN 2.6403
		M	EUR 1 =	BYN 2.3430	BYN 2.8660	BYN 3.1668	BYN 3.0840

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Belgium</b>							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708
<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 2.2193	BZD 2.3447	BZD 2.3671	BZD 2.3243	
	BZD	S	EUR 1 =	BZD 2.2585	BZD 2.3861	BZD 2.4089	BZD 2.3653
<b>Benin <sup>1</sup></b>							
Porto-Novo Seat of government: Cotonou 284	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 553.644	XOF 549.378	XOF 560.264
		<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 1.1150	BMD 1.1801	BMD 1.1892	BMD 1.1661	
	V, S	EUR 1 =	BMD 1.1243	BMD 1.1899	BMD 1.1991	BMD 1.1758	
<b>Bhutan <sup>1</sup></b>							
Thimphu 675	Ngultrum = 100 chhetrum	B	USD 1 =	BTN 69.42	BTN 73.75	BTN 72.20	BTN 72.70
		S	USD 1 =	BTN 71.58	BTN 76.10	BTN 74.45	BTN 75.00
	B	EUR 1 =	BTN 77.58	BTN 86.60	BTN 85.75	BTN 84.95	
	S	EUR 1 =	BTN 79.73	BTN 89.05	BTN 88.15	BTN 87.30	
<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 7.6777	BOB 8.1277	BOB 8.1908	BOB 8.0317
		V, S	EUR 1 =	BOB 7.7896	BOB 8.2462	BOB 8.3102	BOB 8.1488
<b>Bosnia and Herzegovina</b>							
Sarajevo 093	Convertible marka = 100 feninga	B	USD 1 =	BAM 1.745661	BAM 1.661364	BAM 1.637382	BAM 1.667186
		S	USD 1 =	BAM 1.754412	BAM 1.669692	BAM 1.645590	BAM 1.675542
	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 0.0932	USD 0.0868	USD 0.0871	USD 0.0861
		S	BWP 1 =	USD 0.0930	USD 0.0866	USD 0.0869	USD 0.0859
	B	BWP 1 =	EUR 0.0832	EUR 0.0733	EUR 0.0730	EUR 0.0736	
	S	BWP 1 =	EUR 0.0830	EUR 0.0731	EUR 0.0728	EUR 0.0734	

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Brazil</b>							
Brasília 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 3.9450	BRL 5.2027	BRL 5.4707	BRL 5.6401
		S	USD 1 =	BRL 3.9456	BRL 5.2033	BRL 5.4713	BRL 5.6407
	BRL	B	EUR 1 =	BRL 4.4095	BRL 6.1491	BRL 6.5364	BRL 6.6102
		S	EUR 1 =	BRL 4.4114	BRL 6.1519	BRL 6.5393	BRL 6.6132
<b>Brunei Darussalam <sup>1</sup></b>							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3544	BND 1.3613	BND 1.3491	BND 1.3586
		S	USD 1 =	BND 1.3727	BND 1.3815	BND 1.3676	BND 1.3774
	BND	B	EUR 1 =	BND 1.4998	BND 1.6000	BND 1.5900	BND 1.5792
		S	EUR 1 =	BND 1.5546	BND 1.6553	BND 1.6461	BND 1.6357
<b>Bulgaria</b>							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.74707	BGN 1.65077	BGN 1.63805	BGN 1.67051
		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 585.937	XOF 553.644	XOF 549.378	XOF 560.264
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Burundi</b>							
Gitega 328	Burundi franc = 100 centimes BIF	B	USD 1 =	BIF 1,830.0200	BIF 1,901.5227	BIF 1,906.8786	BIF 1,912.2840
		S	USD 1 =	BIF 1,866.9901	BIF 1,939.9373	BIF 1,945.4014	BIF 1,950.9160
	BIF	B	EUR 1 =	BIF 2,048.8141	BIF 2,237.5218	BIF 2,270.3297	BIF 2,243.6828
		S	EUR 1 =	BIF 2,090.2042	BIF 2,282.7242	BIF 2,316.1949	BIF 2,289.0098
<b>Cabo Verde</b>							
Praia 247	Cabo Verde escudo = 100 centavos CVE	B	USD 1 =	CVE 98.564	CVE 93.79749	CVE 92.44201	CVE 94.12648
		S	USD 1 =	CVE 98.766	CVE 93.99949	CVE 92.64401	CVE 94.32848
	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 4,055	KHR 4,099	KHR 4,105	KHR 4,100
		B	EUR 1 =	KHR 4,538	KHR 4,867	KHR 4,889	KHR 4,815
	S	EUR 1 =	KHR 4,583	KHR 4,916	KHR 4,938	KHR 4,864	
<b>Cameroon <sup>1</sup></b>							
Yaoundé 302	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 553.644	XAF 549.378	XAF 560.264
		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 1.3269	CAD 1.3404	CAD 1.3042	CAD 1.3339
		M	EUR 1 =	CAD 1.4807	CAD 1.5831	CAD 1.5573	CAD 1.5631

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<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 0.9329	KYD 0.9873	KYD 0.9950	KYD 0.9757
<b>Central African Republic <sup>1</sup></b>							
Bangui 306	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 553.644	XAF 549.378	XAF 560.264
		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 585.937	XAF 553.644	XAF 549.378	XAF 560.264
		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 704.01	CLP 754.45	CLP 779.92	CLP 784.46
		M	EUR 1 =	CLP 787.30	CLP 892.52	CLP 927.48	CLP 920.73
<b>China</b>							
Beijing 720	Chinese renminbi <sup>4</sup> 1 yuan (renminbi) = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.8999	CNY 6.9848	CNY 6.8605	CNY 6.8101
		M	EUR 1 =	CNY 7.7181	CNY 8.2882	CNY 8.1649	CNY 7.9941
		M	HKD 1 =	CNY 0.87996	CNY 0.90125	CNY 0.88520	CNY 0.87872
<b>China (Taiwan)</b>							
Taipei 736	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 30.830	TWD 29.250	TWD 29.285	TWD 29.050
		S	USD 1 =	TWD 30.930	TWD 29.350	TWD 29.385	TWD 29.150
		B	EUR 1 =	TWD 34.40	TWD 34.64	TWD 34.74	TWD 33.95
		S	EUR 1 =	TWD 34.80	TWD 35.04	TWD 35.14	TWD 34.35
<b>Colombia</b>							
Bogotá 480	Colombian peso = 100 centavos COP	M	USD 1 =	COP 3,285.734	COP 3,739.49	COP 3,760.38	COP 3,878.94
		V, M	EUR 1 =	COP 3,675.671	COP 4,430.548	COP 4,489.894	COP 4,541.463
<b>Comoros</b>							
Moroni 375	Comorian franc = 100 centimes KMF	V	USD 1 =	KMF 439.45310	KMF 415.23274	KMF 412.03329	KMF 420.19794
		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 585.937	XAF 553.644	XAF 549.378	XAF 560.264
		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. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Congo, Democratic Republic of the</b>							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 1,615.5594	CDF 1,932.3950	CDF 1,922.9797	CDF 1,921.7338
		S	USD 1 =	CDF 1,681.6740	CDF 2,011.2682	CDF 2,001.4686	CDF 2,000.1719
	CDF	B	EUR 1 =	CDF 1,811.0131	CDF 2,271.8975	CDF 2,286.9349	CDF 2,249.9907
		S	EUR 1 =	CDF 1,884.9217	CDF 2,364.6280	CDF 2,380.2792	CDF 2,341.8270
<b>Cook Islands <sup>1</sup></b>							
Avarua 837	Cook Islands dollar <sup>2</sup> = 100 cents	B	NZD 1 =	EUR 0.6042	EUR 0.5745	EUR 0.5759	EUR 0.5723
		S	NZD 1 =	EUR 0.5779	EUR 0.5529	EUR 0.5542	EUR 0.5508
	NZD						
<b>Costa Rica</b>							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 582.03	CRC 582.15	CRC 590.21	CRC 600.45
		S	USD 1 =	CRC 588.40	CRC 588.33	CRC 598.00	CRC 606.68
	CRC	V, B	EUR 1 =	CRC 651.7240	CRC 689.7313	CRC 704.7107	CRC 703.0069
		V, S	EUR 1 =	CRC 658.8577	CRC 697.0534	CRC 714.0120	CRC 710.3009
<b>Côte d'Ivoire <sup>1</sup></b>							
Yamoussoukro Seat of government: Abidjan 272	CFA franc  XOF	V	USD 1 =	XOF 585.937	XOF 553.644	XOF 549.378	XOF 560.264
		<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 6.601452	HRK 6.356387	HRK 6.305523	HRK 6.433630
		S	USD 1 =	HRK 6.641180	HRK 6.394641	HRK 6.343469	HRK 6.472348
	HRK	B	EUR 1 =	HRK 7.394331	HRK 7.471934	HRK 7.496635	HRK 7.521556
		S	EUR 1 =	HRK 7.438830	HRK 7.516900	HRK 7.541751	HRK 7.566822
<b>Cuba <sup>1</sup></b>							
Havana 448	Convertible peso/ Cuban peso = 100 centavos	<sup>4</sup> B	CUC 1 =	USD 1.01009	USD 1.01009	USD 1.01009	USD 1.01009
		<sup>4</sup> S	CUC 1 =	USD 0.99010	USD 0.99010	USD 0.99010	USD 0.99010
	CUC/CUP	B	EUR 1 =	CUC 1.10740	CUC 1.16607	CUC 1.17795	CUC 1.16032
		S	EUR 1 =	CUC 1.12978	CUC 1.18963	CUC 1.20175	CUC 1.18378
<b>Curaçao</b>							
Willemstad 477	Netherlands Antillean guilder = 100 cents	<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 199.40	ANG 210.73	ANG 212.57	ANG 208.53
		S	EUR 100 =	ANG 203.42	ANG 214.98	ANG 216.85	ANG 212.73
<b>Cyprus</b>							
Nicosia 600	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708
<b>Czechia</b>							
Prague 061	Czech koruna = 100 heller  CZK	M	USD 1 =	CZK 22.934	CZK 22.091	CZK 21.953	CZK 23.239
		M	EUR 1 =	CZK 25.659	CZK 26.175	CZK 26.210	CZK 27.210

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Denmark</b>							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 667.03	DKK 628.31	DKK 623.44	DKK 635.99
		M	EUR 100 =	DKK 746.59	DKK 744.42	DKK 744.39	DKK 744.62
<b>Djibouti</b>							
Djibouti 338	Djibouti franc = 100 centimes DJF	<sup>2</sup> B	USD 1 =	DJF 176.832	DJF 176.832	DJF 176.832	DJF 176.832
		<sup>2</sup> S	USD 1 =	DJF 179.498	DJF 179.498	DJF 179.498	DJF 179.498
		B	EUR 1 =	DJF 196.37	DJF 205.78	DJF 208.81	DJF 205.92
		S	EUR 1 =	DJF 203.98	DJF 213.81	DJF 216.96	DJF 213.95
<b>Dominica</b>							
Roseau 460	East Caribbean dollar = 100 cents XCD	<sup>2</sup> B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		<sup>2</sup> S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
		V, B	EUR 1 =	XCD 3.0094	XCD 3.1850	XCD 3.2097	XCD 3.1473
		V, S	EUR 1 =	XCD 3.0416	XCD 3.2190	XCD 3.2440	XCD 3.1809
<b>Dominican Republic</b>							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 50.9676	DOP 57.7571	DOP 57.7758	DOP 57.7147
		S	USD 1 =	DOP 51.4344	DOP 58.5399	DOP 58.5104	DOP 58.4850
		B	EUR 1 =	DOP 56.4612	DOP 66.9728	DOP 67.8402	DOP 67.2306
		S	EUR 1 =	DOP 59.8316	DOP 70.2320	DOP 71.0987	DOP 70.5558
<b>Egypt</b>							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 16.7300	EGP 15.92	EGP 15.82	EGP 15.70
		S	USD 1 =	EGP 16.8300	EGP 16.02	EGP 15.92	EGP 15.80
		B	EUR 1 =	EGP 18.7034	EGP 18.6503	EGP 18.8021	EGP 18.3470
		S	EUR 1 =	EGP 18.8934	EGP 18.8539	EGP 19.0085	EGP 18.5729
<b>El Salvador <sup>1</sup></b>							
San Salvador 428	El Salvador colón = 100 centavos SVC	<sup>2</sup>	USD 1 =	SVC 8.75	SVC 8.75	SVC 8.75	SVC 8.75
		V, B / S	EUR 1 =	SVC 9.7956	SVC 10.3670	SVC 10.4475	SVC 10.2445
<b>Equatorial Guinea <sup>1</sup></b>							
Malabo 310	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 553.644	XAF 549.378	XAF 560.264
		<sup>3</sup>	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
<b>Eritrea</b>							
Asmara 336	Nakfa = 100 cents ERN	<sup>2</sup> B	USD 1 =	ERN 15.00	ERN 15.00	ERN 15.00	ERN 15.00
		<sup>2</sup> S	USD 1 =	ERN 15.15	ERN 15.15	ERN 15.15	ERN 15.15
		B	EUR 1 =	ERN 16.7610	ERN 17.6205	ERN 17.7075	ERN 17.4900
		S	EUR 1 =	ERN 17.3972	ERN 18.2567	ERN 18.3437	ERN 18.1262
<b>Estonia</b>							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Ethiopia</b>							
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 29.2198	ETB 35.2684	ETB 36.1553	ETB 36.7488
		S	USD 1 =	ETB 29.8042	ETB 35.9738	ETB 36.8784	ETB 37.4838
	ETB	B	EUR 1 =	ETB 32.6752	ETB 41.3769	ETB 43.0176	ETB 42.9961
S		EUR 1 =	ETB 33.3287	ETB 42.2044	ETB 43.8780	ETB 43.8560	
<b>Eswatini <sup>1</sup></b>							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 14.4713	SZL 16.7284	SZL 16.9102	SZL 16.9691
		S	USD 1 =	SZL 14.4789	SZL 16.7371	SZL 16.9160	SZL 16.9794
	SZL	B	EUR 1 =	SZL 16.19020	SZL 19.9108	SZL 20.0699	SZL 19.9143
S		EUR 1 =	SZL 16.20051	SZL 19.9227	SZL 20.0800	SZL 19.9270	
<b>Falkland Islands (Islas Malvinas)</b>							
Stanley 529	Falkland Islands pound <sup>2</sup> = 100 pence FKP	V	USD 1 =	FKP 0.78407	FKP 0.76007	FKP 0.75046	FKP 0.77925
		V	EUR 1 =	FKP 0.87777	FKP 0.90053	FKP 0.89605	FKP 0.91235
<b>Fiji</b>							
Suva 815	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4715	USD 0.4799	USD 0.4839	USD 0.4768
		S	FJD 1 =	USD 0.4545	USD 0.4629	USD 0.4669	USD 0.4598
	FJD	B	FJD 1 =	EUR 0.4194	EUR 0.4034	EUR 0.4049	EUR 0.4043
S		FJD 1 =	EUR 0.4074	EUR 0.3914	EUR 0.3929	EUR 0.3923	
<b>Finland</b>							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708
<b>France</b>							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708
<b>Gabon <sup>1</sup></b>							
Libreville 314	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 553.644	XAF 549.378	XAF 560.264
		3	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 50.10	GMD 51.81	GMD 51.80	GMD 51.78
		M	EUR 1 =	GMD 56.49	GMD 58.28	GMD 59.73	GMD 59.77
<b>Georgia</b>							
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 =	GEL 2.8241	GEL 3.0719	GEL 3.0696	GEL 3.2878
		M	EUR 1 =	GEL 3.1620	GEL 3.6086	GEL 3.6243	GEL 3.8415

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Germany</b>							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708
<b>Ghana</b>							
Accra 276	Ghana cedi = 100 Ghana pesewas	B	USD 1 =	GHS 5.2480	GHS 5.6754	GHS 5.6820	GHS 5.6998
		S	USD 1 =	GHS 5.2532	GHS 5.6810	GHS 5.6876	GHS 5.7056
	B	EUR 1 =	GHS 5.8682	GHS 6.6915	GHS 6.7879	GHS 6.6756	
	S	EUR 1 =	GHS 5.8727	GHS 6.6972	GHS 6.7952	GHS 6.6816	
<b>Gibraltar</b>							
Gibraltar 044	Gibraltar pound <sup>2</sup> = 100 pence GIP	V	USD 1 =	GIP 0.78407	GIP 0.76007	GIP 0.75046	GIP 0.77925
		V	EUR 1 =	GIP 0.87777	GIP 0.90053	GIP 0.89605	GIP 0.91235
<b>Greece</b>							
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708
<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
	V, B	EUR 1 =	XCD 3.0094	XCD 3.1850	XCD 3.2097	XCD 3.1473	
	V, S	EUR 1 =	XCD 3.0416	XCD 3.2190	XCD 3.2440	XCD 3.1809	
<b>Guatemala</b>							
Guatemala City 416	Quetzal = 100 centavos GTQ	M	USD 1 =	GTQ 7.70380	GTQ 7.70871	GTQ 7.72991	GTQ 7.78602
		V, M	EUR 1 =	GTQ 8.62411	GTQ 9.13328	GTQ 9.22951	GTQ 9.11587
<b>Guinea</b>							
Conakry 260	Guinean franc GNF	M	USD 1 =	GNF 9,192.6286	GNF 9,590.4527	GNF 9,627.7128	GNF 9,737.3387
		M	EUR 1 =	GNF 10,296.1706	GNF 11,278.3712	GNF 11,471.4159	GNF 11,394.6347
<b>Guinea-Bissau <sup>1</sup></b>							
Bissau 257	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 553.644	XOF 549.378	XOF 560.264
		<sup>4</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 207.98	GYD 207.98	GYD 207.98	GYD 207.98
		S	USD 1 =	GYD 210.45	GYD 210.45	GYD 210.45	GYD 210.45
	B	EUR 1 =	GYD 232.73	GYD 244.46	GYD 248.12	GYD 243.36	
	S	EUR 1 =	GYD 235.71	GYD 247.58	GYD 251.28	GYD 246.46	

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 ff.

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

#### IV. Overview of world currencies \*

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

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Haiti <sup>1</sup></b>							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 89.3946	HTG 119.4706	HTG 116.4212	HTG 67.3494 <sup>1</sup>
		V, M	EUR 1 =	HTG 100.0195	HTG 141.5488	HTG 139.0069	HTG 78.8527 <sup>1</sup>
<b>Honduras</b>							
Tegucigalpa 424	Lempira = 100 centavos HNL	B	USD 1 =	HNL 24.5217	HNL 24.6351	HNL 24.5130	HNL 24.4482
		S	USD 1 =	HNL 24.6934	HNL 24.8075	HNL 24.6846	HNL 24.6193
	V, B	EUR 1 =	HNL 27.4496	HNL 29.1877	HNL 29.2685	HNL 28.6240	
	V, S	EUR 1 =	HNL 27.6418	HNL 29.3919	HNL 29.4734	HNL 28.8243	
<b>Hong Kong</b>							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.80686	HKD 7.71890	HKD 7.71880	HKD 7.71890
		S	USD 1 =	HKD 7.86088	HKD 7.78120	HKD 7.78120	HKD 7.78130
	B	EUR 1 =	HKD 8.70052	HKD 9.08640	HKD 9.13790	HKD 8.98100	
	S	EUR 1 =	HKD 8.82890	HKD 9.27330	HKD 9.32490	HKD 9.16790	
<b>Hungary</b>							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 290.65	HUF 290.67	HUF 297.30	HUF 311.40
		M	EUR 1 =	HUF 326.03	HUF 344.74	HUF 354.06	HUF 364.65
<b>Iceland</b>							
Reykjavik 024	Icelandic krona ISK	M	USD 1 =	ISK 122.437	ISK 134.78	ISK 137.61	ISK 138.54
		M	EUR 1 =	ISK 136.860	ISK 159.80	ISK 164.30	ISK 162.20
<b>India <sup>1</sup></b>							
New Delhi 664	Indian rupee = 100 paise INR	M	USD 1 =	INR 70.4119	INR 74.7722	INR 73.5951	INR 73.7978
		M	EUR 1 =	INR 78.8192	INR 88.8737	INR 87.5742	INR 86.5688
<b>Indonesia</b>							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 14,070.79	IDR 14,579.74	IDR 14,481.23	IDR 14,843.41
		S	USD 1 =	IDR 14,212.13	IDR 14,726.27	IDR 14,626.77	IDR 14,992.59
	B	EUR 1 =	IDR 15,736.06	IDR 17,163.27	IDR 17,242.80	IDR 17,436.55	
	S	EUR 1 =	IDR 15,897.25	IDR 17,341.66	IDR 17,421.95	IDR 17,617.79	
<b>Iran, Islamic Republic of <sup>1</sup></b>							
Tehran 616	Iranian rial = 100 dinars IRR	<sup>2</sup> M	USD 1 =	IRR 42,000	IRR 42,000	IRR 42,000	IRR 42,000
		<sup>2</sup> M	EUR 1 =	IRR 47,002	IRR 49,477	IRR 50,037	IRR 49,274
		<sup>3</sup> M	USD 1 =	IRR 127,350	IRR 235,500	IRR 236,500	IRR 294,800
		<sup>3</sup> M	EUR 1 =	IRR 142,808	IRR 278,600	IRR 281,450	IRR 345,800

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 ff. <sup>2</sup> Central bank rate. <sup>3</sup> Bureau de change rate.

#### 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Iraq <sup>1</sup></b>							
Baghdad 612	Iraqi dinar = 1,000 fils  IQD	<b>2</b> B <b>2</b> S	USD 1 =	IQD 1,182.00	IQD 1,182.00	IQD 1,182.00	IQD 1,182.00
			USD 1 =	IQD 1,190.00	IQD 1,190.00	IQD 1,190.00	
		B S	EUR 1 =	IQD 1,322.806	IQD 1,384.949	IQD 1,395.469	IQD 1,383.176
			EUR 1 =	IQD 1,331.759	IQD 1,394.323	IQD 1,404.914	IQD 1,392.538
		<b>3</b> S	USD 1 =	IQD 1,195.91	IQD 1,238.916	IQD 1,215.755	IQD 1,235.187
V, S	EUR 1 =	IQD 1,338.75	IQD 1,467.87	IQD 1,451.61	IQD 1,446.16		
<b>Ireland</b>							
Dublin 007	Euro = 100 cent  EUR		M EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708
<b>Israel</b>							
Jerusalem 624	New shekel = 100 agorot  ILS		M USD 1 =	ILS 3.5643	ILS 3.4080	ILS 3.3620	ILS 3.4410
			M EUR 1 =	ILS 3.9816	ILS 4.0388	ILS 4.0126	ILS 4.0258
<b>Italy</b>							
Rome 005	Euro = 100 cent  EUR		M EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708
<b>Jamaica</b>							
Kingston 464	Jamaican dollar = 100 cents  JMD	B S	USD 1 =	JMD 132.5023	JMD 146.4402	JMD 148.3155	JMD 141.2472
			USD 1 =	JMD 134.1077	JMD 148.2773	JMD 149.5907	JMD 142.1005
		B S	EUR 1 =	JMD 143.87390	JMD 166.4605	JMD 170.6822	JMD 160.6718
			EUR 1 =	JMD 150.12124	JMD 176.1962	JMD 179.8655	JMD 168.0034
<b>Japan</b>							
Tokyo 732	Japanese yen = 100 sen  JPY	B S	USD 1 =	JPY 107.99	JPY 103.60	JPY 104.36	JPY 104.80
			USD 1 =	JPY 109.99	JPY 105.60	JPY 106.36	JPY 106.80
		B S	EUR 1 =	JPY 120.65	JPY 122.63	JPY 123.97	JPY 122.67
			EUR 1 =	JPY 123.65	JPY 125.63	JPY 126.97	JPY 125.67
<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	JOD 0.7100
		B S	EUR 1 =	JOD 0.79156	JOD 0.82921	JOD 0.84125	JOD 0.82779
			EUR 1 =	JOD 0.79615	JOD 0.83560	JOD 0.84774	JOD 0.83461
<b>Kazakhstan</b>							
Nur-Sultan 079	Tenge = 100 tiyn  KZT		M USD 1 =	KZT 382.96	KZT 418.00	KZT 420.11	KZT 429.51
			M EUR 1 =	KZT 428.91	KZT 491.36	KZT 499.47	KZT 502.14

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. **1** See Explanatory notes on individual countries, pp. 53 ff. **2** Official rate; value against the US dollar. **3** Market rate.

#### IV. Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month			
					July 2020	August 2020	September 2020	
<b>Kenya <sup>1</sup></b>								
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 102.0469	KES 107.6076	KES 108.1088	KES 108.3971	
		S	USD 1 =	KES 102.2455	KES 107.8071	KES 108.3088	KES 108.5971	
	KES	B	EUR 1 =	KES 114.0250	KES 126.2541	KES 128.4147	KES 126.7582	
		S	EUR 1 =	KES 114.2775	KES 126.5247	KES 128.6788	KES 127.0294	
	<b>Korea, Democratic People's Republic of <sup>1</sup></b>							
	Pyongyang 724	North Korean won = 100 chon	B	USD 1 =	KPW 107.60	.	.	.
S			USD 1 =	KPW 108.67	.	.	.	
KPW		B	EUR 1 =	KPW 120.38	.	.	.	
		S	EUR 1 =	KPW 121.58	.	.	.	
<b>Korea, Republic of</b>								
Seoul 728	South Korean won = 100 chon	B	USD 1 =	KRW 1,155.48	KRW 1,179.40	KRW 1,175.40	KRW 1,157.60	
		S	USD 1 =	KRW 1,178.07	KRW 1,202.60	KRW 1,198.60	KRW 1,180.40	
	KRW	B	EUR 1 =	KRW 1,291.45	KRW 1,396.64	KRW 1,400.76	KRW 1,353.42	
		S	EUR 1 =	KRW 1,317.53	KRW 1,424.84	KRW 1,429.04	KRW 1,380.76	
<b>Kuwait</b>								
Kuwait 636	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.30219	KWD 0.30455	KWD 0.30400	KWD 0.30490	
		S	USD 1 =	KWD 0.30600	KWD 0.30815	KWD 0.30760	KWD 0.30850	
	KWD	B	EUR 1 =	KWD 0.338360	KWD 0.360572	KWD 0.362596	KWD 0.357221	
		S	EUR 1 =	KWD 0.342626	KWD 0.364834	KWD 0.366890	KWD 0.361439	
<b>Kyrgyzstan</b>								
Bishkek 083	Kyrgyz som = 100 tyiyn	M	USD 1 =	KGS 69.7811	KGS 76.7553	KGS 78.4683	KGS 79.6000	
		M	EUR 1 =	KGS 78.1604	KGS 90.0877	KGS 93.4675	KGS 92.9927	
KGS		M	USD 1 =	KGS 69.7811	KGS 76.7553	KGS 78.4683	KGS 79.6000	
		M	EUR 1 =	KGS 78.1604	KGS 90.0877	KGS 93.4675	KGS 92.9927	
<b>Lao People's Democratic Republic</b>								
Vientiane 684	Kip	B	USD 1 =	LAK 8,701	LAK 9,052	LAK 9,095	LAK 9,215	
		S	USD 1 =	LAK 8,715	LAK 9,069	LAK 9,112	LAK 9,232	
	LAK	B	EUR 1 =	LAK 9,722	LAK 10,745	LAK 10,830	LAK 10,822	
		S	EUR 1 =	LAK 9,767	LAK 10,796	LAK 10,881	LAK 10,874	
<b>Latvia</b>								
Riga 054	Euro = 100 cent	M	EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708	
	EUR							
<b>Lebanon <sup>1</sup></b>								
Beirut 604	Lebanese pound = 100 piastres	M	USD 1 =	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50	
		M	EUR 1 =	LBP 1,688.52	LBP 1,771.16	LBP 1,796.04	LBP 1,763.47	
	LBP							
<b>Lesotho <sup>1</sup></b>								
Maseru 395	Loti = 100 lisente	M	USD 1 =	LSL 14.4518	LSL 16.9361	LSL 16.7763	LSL 16.8021	
		M	EUR 1 =	LSL 16.1709	LSL 20.0608	LSL 20.0234	LSL 19.6744	
	LSL							

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Liberia <sup>1</sup></b>							
Monrovia 268	Liberian dollar = 100 cents	B	USD 1 =	LRD 187.22	LRD 198.5985	LRD 198.7368	LRD 198.0309
		S	USD 1 =	LRD 188.53	LRD 199.7704	LRD 199.9281	LRD 199.1869
	LRD	V, B V, S	EUR 1 = EUR 1 =	LRD 209.3707 LRD 210.8311	LRD 235.2995 LRD 236.6880	LRD 237.2917 LRD 238.7142	LRD 231.8546 LRD 233.2080
<b>Libya</b>							
Tripoli 216	Libyan dinar = 1,000 dirham	B	USD 1 =	LYD 1.3950	LYD 1.3708	LYD 1.3592	LYD 1.3687
		S	USD 1 =	LYD 1.4020	LYD 1.3776	LYD 1.3661	LYD 1.3755
	LYD	B	EUR 1 =	LYD 1.5614	LYD 1.6091	LYD 1.6172	LYD 1.6049
		S	EUR 1 =	LYD 1.5692	LYD 1.6172	LYD 1.6253	LYD 1.6130
<b>Lithuania</b>							
Vilnius 055	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708
<b>Luxembourg</b>							
Luxembourg 018	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708
<b>Macao <sup>1</sup></b>							
Macao 743	Pataca = 100 avos	B	USD 1 =	MOP 8.0632	MOP 7.9770	MOP 7.9770	MOP 7.9770
		S	USD 1 =	MOP 8.0857	MOP 7.9995	MOP 7.9995	MOP 7.9995
	MOP	B	EUR 1 =	MOP 9.0205	MOP 9.4792	MOP 9.4984	MOP 9.3355
		S	EUR 1 =	MOP 9.0590	MOP 9.5177	MOP 9.5369	MOP 9.3740
<b>Madagascar</b>							
Antananarivo 370	Ariary = 5 iraimbilanja  MGA	M	USD 1 =	MGA 3,618.91	MGA 3,803.85	MGA 3,812.25	MGA 3,882.84
		M	EUR 1 =	MGA 4,047.48	MGA 4,450.70	MGA 4,529.40	MGA 4,541.59
<b>Malawi</b>							
Lilongwe 386	Malawi kwacha = 100 tambala	B	USD 1 =	MWK 730.0152	MWK 735.0038	MWK 741.1074	MWK 743.9296
		S	USD 1 =	MWK 748.8212	MWK 749.7024	MWK 755.9280	MWK 758.8066
	MWK	B	EUR 1 =	MWK 817.1855	MWK 874.8750	MWK 882.3624	MWK 872.1830
		S	EUR 1 =	MWK 838.2581	MWK 892.3708	MWK 900.0079	MWK 889.6249
<b>Malaysia</b>							
Kuala Lumpur Seat of government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 4.0795	MYR 4.1753	MYR 4.1041	MYR 4.0810
		S	USD 1 =	MYR 4.2010	MYR 4.3067	MYR 4.2409	MYR 4.2290
	MYR	B	EUR 1 =	MYR 4.5493	MYR 4.9044	MYR 4.8373	MYR 4.7836
		S	EUR 1 =	MYR 4.7219	MYR 5.0842	MYR 5.0216	MYR 4.9778

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 ff.

#### IV. Overview of world currencies \*

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

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Maldives</b>							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.38	MVR 15.41	MVR 15.40	MVR 15.40
		V, M	EUR 1 =	MVR 17.21739	MVR 18.25777	MVR 18.38760	MVR 18.03032
<b>Mali 1</b>							
Bamako 232	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 553.644	XOF 549.378	XOF 560.264
		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 1.1195	USD 1.1848	USD 1.1940	USD 1.1708
<b>Mauritania</b>							
Nouakchott 228	Ouguiya MRU	B	USD 1 =	MRU 36.66	MRU 37.32	MRU 36.85	MRU 36.74
		S	USD 1 =	MRU 37.02	MRU 37.69	MRU 37.22	MRU 37.11
		B	EUR 1 =	MRU 41.05	MRU 43.84	MRU 43.97	MRU 43.03
		S	EUR 1 =	MRU 41.46	MRU 44.28	MRU 44.41	MRU 43.46
<b>Mauritius</b>							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 35.1821	MUR 39.4827	MUR 39.2821	MUR 39.4347
		S	USD 1 =	MUR 36.0814	MUR 40.3821	MUR 40.1814	MUR 40.3343
		B	EUR 1 =	MUR 39.2334	MUR 46.7787	MUR 46.6439	MUR 46.1603
		S	EUR 1 =	MUR 40.3539	MUR 48.0695	MUR 47.9328	MUR 47.4376
<b>Mexico</b>							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 19.2133	MXN 22.2000	MXN 21.8960	MXN 22.0930
		S	USD 1 =	MXN 19.2189	MXN 22.2100	MXN 21.9040	MXN 22.1050
		V, B	EUR 1 =	MXN 21.6387	MXN 26.3026	MXN 26.1438	MXN 25.8665
		V, S	EUR 1 =	MXN 21.6451	MXN 26.3144	MXN 26.1534	MXN 25.8805
<b>Moldova, Republic of</b>							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 17.5804	MDL 16.7621	MDL 16.6223	MDL 16.9565
		M	EUR 1 =	MDL 19.6863	MDL 19.6888	MDL 19.6567	MDL 19.8273
<b>Mongolia</b>							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 2,666.78	MNT 2,844.70	MNT 2,852.94	MNT 2,854.72
		M	EUR 1 =	MNT 2,985.10	MNT 3,372.39	MNT 3,392.86	MNT 3,349.16
<b>Morocco</b>							
Rabat 204	Moroccan dirham = 100 centimes MAD	M	USD 1 =	MAD 9.6194	MAD 9.3599	MAD 9.1298	MAD 9.2486
		M	EUR 1 =	MAD 10.7721	MAD 10.9810	MAD 10.8946	MAD 10.8310

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. 1 See Explanatory notes on individual countries, pp. 53 ff. 2 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Mozambique</b>							
Maputo 366	Metical = 100 centavos	B	USD 1 =	MZN 61.93	MZN 70.17	MZN 70.90	MZN 71.57
		S	USD 1 =	MZN 63.14	MZN 71.57	MZN 72.31	MZN 72.99
	MZN	B	EUR 1 =	MZN 69.27	MZN 83.26	MZN 84.48	MZN 83.84
		S	EUR 1 =	MZN 70.63	MZN 84.92	MZN 86.16	MZN 85.52
<b>Myanmar</b>							
Nay Pyi Taw 676	Kyat = 100 pyas MMK	M	USD 1 =	MMK 1,515.79	MMK 1,363.70	MMK 1,331.90	MMK 1,308.50
		M	EUR 1 =	MMK 1,696.96	MMK 1,602.80	MMK 1,585.20	MMK 1,532.00
<b>Namibia <sup>1</sup></b>							
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 14.4649	NAD 16.7821	NAD 16.5768	NAD 16.9706
		M	EUR 1 =	NAD 16.1826	NAD 19.9470	NAD 19.7314	NAD 19.9072
<b>Nepal</b>							
Kathmandu 672	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 112.39	NPR 119.45	NPR 117.12	NPR 117.87
		S	USD 1 =	NPR 112.99	NPR 120.05	NPR 117.72	NPR 118.47
	NPR	B	EUR 1 =	NPR 125.65	NPR 140.46	NPR 139.44	NPR 137.69
		S	EUR 1 =	NPR 126.32	NPR 141.16	NPR 140.15	NPR 138.39
<b>Netherlands</b>							
Amsterdam Seat of government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708
<b>New Caledonia <sup>1</sup></b>							
Nouméa 809	CFP franc XPF	V	XPF 1,000 =	USD 9.38	USD 9.93	USD 10.01	USD 9.81
		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	B	NZD 1 =	USD 0.6742	USD 0.6834	USD 0.6854	USD 0.6712
		S	NZD 1 =	USD 0.6499	USD 0.6577	USD 0.6597	USD 0.6461
	NZD	B	NZD 1 =	EUR 0.6042	EUR 0.5745	EUR 0.5759	EUR 0.5723
		S	NZD 1 =	EUR 0.5779	EUR 0.5529	EUR 0.5542	EUR 0.5508
<b>Nicaragua</b>							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 33.1826	NIO 34.4252	NIO 34.5115	NIO 34.5952
		V, M	EUR 1 =	NIO 37.14094	NIO 40.78698	NIO 41.20673	NIO 40.50406

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Niger <sup>1</sup></b>							
Niamey 240	CFA franc	V	USD 1 =	XOF 585.937	XOF 553.644	XOF 549.378	XOF 560.264
	XOF	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	B	USD 1 =	NGN 305.93	NGN 360.00	NGN 379.00	NGN 379.00
		S	USD 1 =	NGN 306.93	NGN 361.00	NGN 380.00	NGN 380.00
	NGN	B	EUR 1 =	NGN 342.6227	NGN 421.9560	NGN 452.5639	NGN 444.1501
		S	EUR 1 =	NGN 343.7427	NGN 423.1281	NGN 453.7580	NGN 445.3220
<b>North Macedonia</b>							
Skopje 096	North Macedonia denar = 100 deni	B	USD 1 =	MKD 54.6710	MKD 52.2759	MKD 51.9960	MKD 52.4582
		S	USD 1 =	MKD 55.2205	MKD 52.8013	MKD 52.5186	MKD 52.9854
	MKD	B	EUR 1 =	MKD 61.2040	MKD 61.3876	MKD 61.3865	MKD 61.3865
		S	EUR 1 =	MKD 61.8191	MKD 62.0046	MKD 62.0035	MKD 62.0035
<b>Norway</b>							
Oslo 028	Norwegian krone = 100 øre	B	USD 1 =	NOK 8.7713	NOK 9.0156	NOK 8.7623	NOK 9.4360
		S	USD 1 =	NOK 8.8400	NOK 9.0876	NOK 8.8343	NOK 9.5080
	NOK	B	EUR 1 =	NOK 9.8140	NOK 10.7333	NOK 10.4378	NOK 11.0752
		S	EUR 1 =	NOK 9.8901	NOK 10.8123	NOK 10.5168	NOK 11.1542
<b>Oman</b>							
Muscat 649	Rial Omani = 1,000 baisa	<sup>3</sup> B	USD 1 =	OMR 0.3840	OMR 0.3840	OMR 0.3840	OMR 0.3840
		<sup>3</sup> S	USD 1 =	OMR 0.3850	OMR 0.3850	OMR 0.3850	OMR 0.3850
	OMR	B	EUR 1 =	OMR 0.4299008	OMR 0.4503552	OMR 0.4573440	OMR 0.4483200
		S	EUR 1 =	OMR 0.4310973	OMR 0.4516050	OMR 0.4586120	OMR 0.4495645
<b>Pakistan</b>							
Islamabad 662	Pakistani rupee = 100 paisa	B	USD 1 =	PKR 150.06	PKR 166.75	PKR 167.00	PKR 165.90
		S	USD 1 =	PKR 150.56	PKR 167.25	PKR 167.50	PKR 166.40
	PKR	B	EUR 1 =	PKR 167.98	PKR 195.96	PKR 198.92	PKR 194.62
		S	EUR 1 =	PKR 168.56	PKR 196.55	PKR 199.51	PKR 195.21
<b>Panama <sup>1</sup></b>							
Panama City 442	Balboa = 100 centésimos	4	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
	PAB	V	EUR 1 =	PAB 1.1195	PAB 1.1848	PAB 1.1940	PAB 1.1708
<b>Papua New Guinea</b>							
Port Moresby 801	Kina = 100 toea	B	PGK 1 =	USD 0.3026	USD 0.2955	USD 0.2945	USD 0.2935
		S	PGK 1 =	USD 0.2876	USD 0.2805	USD 0.2795	USD 0.2785
	PGK	B	PGK 1 =	EUR 0.2669	EUR 0.2436	EUR 0.2415	EUR 0.2440
		S	PGK 1 =	EUR 0.2519	EUR 0.2286	EUR 0.2265	EUR 0.2290

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Paraguay</b>							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 6,237.82	PYG 6,918.45	PYG 6,954.39	PYG 6,979.36
		S	USD 1 =	PYG 6,252.06	PYG 6,925.18	PYG 6,962.53	PYG 6,990.35
	PYG	V, B	EUR 1 =	PYG 6,978.71	PYG 8,196.98	PYG 8,303.54	PYG 8,171.43
		V, S	EUR 1 =	PYG 6,994.63	PYG 8,204.95	PYG 8,313.26	PYG 8,184.30
<b>Peru</b>							
Lima 504	Sol = 100 céntimos	B	USD 1 =	PEN 3.333	PEN 3.522	PEN 3.542	PEN 3.595
		S	USD 1 =	PEN 3.337	PEN 3.529	PEN 3.547	PEN 3.599
	PEN	B	EUR 1 =	PEN 3.690	PEN 4.049	PEN 4.070	PEN 4.170
		S	EUR 1 =	PEN 3.840	PEN 4.437	PEN 4.359	PEN 4.522
<b>Philippines</b>							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 51.41	PHP 48.85	PHP 48.30	PHP 48.10
		S	USD 1 =	PHP 51.91	PHP 49.35	PHP 48.80	PHP 48.60
	PHP	B	EUR 1 =	PHP 55.8464	PHP 55.9882	PHP 55.6576	PHP 54.9534
		S	EUR 1 =	PHP 59.1191	PHP 59.3279	PHP 58.9892	PHP 58.2467
<b>Poland</b>							
Warsaw 060	Polish zloty = 100 groszy PLN	M	USD 1 =	PLN 3.8399	PLN 3.7166	PLN 3.6924	PLN 3.8658
		M	EUR 1 =	PLN 4.3018	PLN 4.4072	PLN 4.3969	PLN 4.5268
<b>Portugal</b>							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708
<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 4.0748	QAR 4.3127	QAR 4.3462	QAR 4.2617
<b>Romania</b>							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 4.2393	RON 4.0780	RON 4.0631	RON 4.1617
		M	EUR 1 =	RON 4.7509	RON 4.8316	RON 4.8404	RON 4.8698
<b>Russian Federation</b>							
Moscow 075	Russian rouble = 100 kopecks RUB	M	USD 1 =	RUB 64.6375	RUB 73.3633	RUB 74.6382	RUB 79.6845
		M	EUR 1 =	RUB 72.0631	RUB 86.2532	RUB 88.7448	RUB 93.0237

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. 1 See Explanatory notes on individual countries, pp. 53 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Rwanda</b>							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 891.345390	RWF 934.341942	RWF 940.503867	RWF 947.337506
		S	USD 1 =	RWF 909.170498	RWF 953.026894	RWF 959.312045	RWF 966.282342
	RWF	B	EUR 1 =	RWF 998.412161	RWF 1,100.000769	RWF 1,119.481753	RWF 1,111.605829
S		EUR 1 =	RWF 1,018.378388	RWF 1,121.998562	RWF 1,141.869127	RWF 1,133.835700	
<b>Saint Helena, Ascension and Tristan da Cunha</b>							
Jamestown 329	Saint Helena pound 2 = 100 pence  SHP	V	USD 1 =	SHP 0.78407	SHP 0.76007	SHP 0.75046	SHP 0.77925
		V	EUR 1 =	SHP 0.87777	SHP 0.90053	SHP 0.89605	SHP 0.91235
<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 3.0094	XCD 3.1850	XCD 3.2097	XCD 3.1473
V, S		EUR 1 =	XCD 3.0416	XCD 3.2190	XCD 3.2440	XCD 3.1809	
<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 3.0094	XCD 3.1850	XCD 3.2097	XCD 3.1473
V, S		EUR 1 =	XCD 3.0416	XCD 3.2190	XCD 3.2440	XCD 3.1809	
<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 3.0094	XCD 3.1850	XCD 3.2097	XCD 3.1473
V, S		EUR 1 =	XCD 3.0416	XCD 3.2190	XCD 3.2440	XCD 3.1809	
<b>Samoa</b>							
Apia 819	Tala = 100 sene  WST	M	WST 1 =	USD 0.37749	USD 0.38111	USD 0.38393	USD 0.37941
		M	WST 1 =	EUR 0.33756	EUR 0.32193	EUR 0.32253	EUR 0.32305
<b>Sao Tome and Principe</b>							
São Tomé 311	Dobra = 100 cêntimos	B	USD 1 =	STN 21.9193	STN 20.8635	STN 20.5623	STN 20.9940
		S	USD 1 =	STN 22.2481	STN 21.1764	STN 20.8708	STN 21.3089
	STN	4	EUR 1 =	STN 24.5000	STN 24.5000	STN 24.5000	STN 24.5000
<b>Saudi Arabia</b>							
Riyadh 632	Saudi riyal = 100 halalah  SAR	3 M	USD 1 =	SAR 3.75	SAR 3.75	SAR 3.75	SAR 3.75
		M	EUR 1 =	SAR 4.1937	SAR 4.4229	SAR 4.4618	SAR 4.3991

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. 1 See Explanatory notes on individual countries, pp. 53 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Senegal <sup>1</sup></b>							
Dakar 248	CFA franc	V	USD 1 =	XOF 585.937	XOF 553.644	XOF 549.378	XOF 560.264
	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 104.8908	RSD 98.5672	RSD 98.5035	RSD 99.8701
		S	USD 1 =	RSD 105.5220	RSD 99.1604	RSD 99.0963	RSD 100.4711
	RSD	B	EUR 1 =	RSD 117.4979	RSD 117.2358	RSD 117.2388	RSD 117.2276
		S	EUR 1 =	RSD 118.2050	RSD 117.9414	RSD 117.9444	RSD 117.9330
<b>Seychelles</b>							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 13.8783	SCR 17.8766	SCR 17.9175	SCR 18.1468
		S	USD 1 =	SCR 14.1605	SCR 18.5044	SCR 18.6899	SCR 18.7448
	SCR	B	EUR 1 =	SCR 15.5377	SCR 21.5526	SCR 21.6899	SCR 21.6397
		S	EUR 1 =	SCR 15.8662	SCR 21.9752	SCR 22.1796	SCR 22.0452
<b>Sierra Leone</b>							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 8,966.53	SLL 9,658.51	SLL 9,702.01	SLL 9,729.96
		S	USD 1 =	SLL 9,147.67	SLL 9,853.63	SLL 9,898.01	SLL 9,926.53
	SLL	B	EUR 1 =	SLL 10,031.56	SLL 11,357.91	SLL 11,544.89	SLL 11,413.68
		S	EUR 1 =	SLL 10,231.12	SLL 11,584.06	SLL 11,776.39	SLL 11,641.51
<b>Singapore <sup>1</sup></b>							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.3632	SGD 1.3752	SGD 1.3579	SGD 1.3692
		M	EUR 1 =	SGD 1.5255	SGD 1.6195	SGD 1.6175	SGD 1.6059
<b>Sint Maarten (southern part)</b>							
Philipsburg 479	Netherlands Antillean guilder = 100 cents	<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 199.40	ANG 210.73	ANG 212.57	ANG 208.53
		S	EUR 100 =	ANG 203.42	ANG 214.98	ANG 216.85	ANG 212.73
<b>Slovakia</b>							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708
<b>Slovenia</b>							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708
<b>Solomon Islands</b>							
Honiara 806	Solomon Islands dollar = 100 cents SBD	M	SBD 1 =	USD 0.1223	USD 0.1214	USD 0.1224	USD 0.1231
		M	SBD 1 =	EUR 0.10934	EUR 0.10270	EUR 0.10290	EUR 0.10490

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<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 14.2613	ZAR 16.7800	ZAR 16.6588	ZAR 16.6138
		S	USD 1 =	ZAR 14.5788	ZAR 17.0975	ZAR 16.9763	ZAR 16.9313
	ZAR	B	EUR 1 =	ZAR 15.9161	ZAR 19.8019	ZAR 19.8529	ZAR 19.4124
		S	EUR 1 =	ZAR 16.3500	ZAR 20.2416	ZAR 20.2937	ZAR 19.8493
<b>South Sudan</b>							
Juba 225	South Sudanese pound = 100 piastres	M	USD 1 =	SSP 158.2581	SSP 164.0639	SSP 164.8969	SSP 167.0289 <sup>2</sup>
		M	EUR 1 =	SSP 176.9669	SSP 192.5373	SSP 196.1532	SSP 197.9796 <sup>2</sup>
SSP							
<b>Spain</b>							
Madrid 011	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1848	USD 1.1940	USD 1.1708
<b>Sri Lanka</b>							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 176.7092	LKR 183.3600	LKR 184.0900	LKR 183.0000
		S	USD 1 =	LKR 180.4863	LKR 187.8600	LKR 188.4900	LKR 187.3200
	LKR	B	EUR 1 =	LKR 196.6569	LKR 216.8320	LKR 218.1091	LKR 213.7154
		S	EUR 1 =	LKR 203.5266	LKR 224.5957	LKR 225.7585	LKR 221.2195
<b>Sudan</b>							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 45.6250	SDG 55.0000	SDG 55.0000	SDG 55.0000
		S	USD 1 =	SDG 45.8531	SDG 55.2750	SDG 55.2750	SDG 55.2750
	SDG	B	EUR 1 =	SDG 51.0877	SDG 64.5271	SDG 65.4748	SDG 64.5442
		S	EUR 1 =	SDG 51.3431	SDG 64.8497	SDG 65.8021	SDG 64.8669
<b>Suriname <sup>1</sup></b>							
Paramaribo 492	Suriname dollar = 100 cents	B	USD 1 =	SRD 7.396	SRD 7.396	SRD 7.396	SRD 14.018 <sup>1</sup>
		S	USD 1 =	SRD 7.520	SRD 7.520	SRD 7.520	SRD 14.290 <sup>1</sup>
	SRD	B	EUR 1 =	SRD 8.266	SRD 8.672	SRD 8.812	SRD 16.404 <sup>1</sup>
		S	EUR 1 =	SRD 8.399	SRD 8.817	SRD 8.960	SRD 16.722 <sup>1</sup>
<b>Sweden</b>							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 9.4073	SEK 8.6011	SEK 8.5894	SEK 8.9358
		S	USD 1 =	SEK 9.5123	SEK 8.7061	SEK 8.6944	SEK 9.0408
	SEK	B	EUR 1 =	SEK 10.5298	SEK 10.2371	SEK 10.2257	SEK 10.4835
		S	EUR 1 =	SEK 10.6448	SEK 10.3521	SEK 10.3407	SEK 10.5985

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 ff. <sup>2</sup> Exchange rate as of 22 September 2020.

#### 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 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Switzerland</b>							
Berne 039	Swiss franc = 100 rappen/centimes CHF	B	USD 1 =	CHF 0.9937	CHF 0.9079	CHF 0.9031	CHF 0.9230
		B	EUR 1 =	CHF 1.1110	CHF 1.0765	CHF 1.0754	CHF 1.0807
<b>Syrian Arab Republic <sup>1</sup></b>							
Damascus 608	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 434.50	SYP 1,250.00	SYP 1,250.00	SYP 1,250.00
		S	USD 1 =	SYP 438.17	SYP 1,262.50	SYP 1,262.00	SYP 1,262.00
		B	EUR 1 =	SYP 486.83	SYP 1,470.00	SYP 1,487.00	SYP 1,466.00
		S	EUR 1 =	SYP 490.98	SYP 1,484.70	SYP 1,501.87	SYP 1,480.66
<b>Tajikistan</b>							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 9.5330	TJS 10.3108	TJS 10.3196	TJS 10.3292
		M	EUR 1 =	TJS 10.6743	TJS 12.0925	TJS 12.2968	TJS 12.0893
<b>Tanzania, United Republic of</b>							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 2,277.1609	TZS 2,286.3862	TZS 2,286.1881	TZS 2,286.1980
		S	USD 1 =	TZS 2,299.9325	TZS 2,309.2500	TZS 2,309.0500	TZS 2,309.0600
		B	EUR 1 =	TZS 2,545.4570	TZS 2,686.5037	TZS 2,723.5359	TZS 2,676.2234
		S	EUR 1 =	TZS 2,571.5823	TZS 2,714.2925	TZS 2,751.6949	TZS 2,703.6784
<b>Thailand</b>							
Bangkok 680	Thai baht = 100 satang THB	B	USD 1 =	THB 30.8348	THB 31.0855	THB 30.9242	THB 31.4900
		S	USD 1 =	THB 31.1759	THB 31.4337	THB 31.2506	THB 31.8258
		B	EUR 1 =	THB 34.2893	THB 36.7486	THB 36.6219	THB 36.7782
		S	EUR 1 =	THB 34.9954	THB 37.5024	THB 37.3762	THB 37.5314
<b>Togo <sup>1</sup></b>							
Lomé 280	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 553.644	XOF 549.378	XOF 560.264
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Tonga</b>							
Nuku'alofa 817	Pa'anga = 100 seniti TOP	M	TOP 1 =	USD 0.4368	USD 0.4401	USD 0.4415	USD 0.4332
		M	TOP 1 =	EUR 0.3896	EUR 0.3706	EUR 0.3699	EUR 0.3680
<b>Trinidad and Tobago</b>							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.7302	TTD 6.7043	TTD 6.7191	TTD 6.7262
		S	USD 1 =	TTD 6.7710	TTD 6.7649	TTD 6.7523	TTD 6.7990
		B	EUR 1 =	TTD 7.5084	TTD 7.8738	TTD 7.9477	TTD 8.5561
		S	EUR 1 =	TTD 8.0404	TTD 8.5024	TTD 8.4522	TTD 8.3958

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 ff. <sup>2</sup> Value against the euro.

#### IV. Overview of world currencies \*

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

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Tunisia</b>							
Tunis 212	Tunisian dinar = 1,000 millimes	B S	USD 1 =	TND 2.9209	TND 2.7484	TND 2.7234	TND 2.7680
			USD 1 =	TND 2.9238	TND 2.7511	TND 2.7262	TND 2.7707
	TND	B S	EUR 1 =	TND 3.2721	TND 3.2289	TND 3.2503	TND 3.2429
			EUR 1 =	TND 3.2754	TND 3.2322	TND 3.2536	TND 3.2462
<b>Turkey</b>							
Ankara 052	Turkish lira = 100 kuruş	B S	USD 1 =	TRY 5.6666	TRY 6.9372	TRY 7.3050	TRY 7.8080
			USD 1 =	TRY 5.6768	TRY 6.9497	TRY 7.3182	TRY 7.8221
	TRY	B S	EUR 1 =	TRY 6.3544	TRY 8.1481	TRY 8.6897	TRY 9.1281
			EUR 1 =	TRY 6.3659	TRY 8.1628	TRY 8.7054	TRY 9.1446
<b>Turkmenistan <sup>1</sup></b>							
Ashgabat 080	Turkmen manat = 100 tenge	2	USD 1 =	TMT 3.50	TMT 3.50	TMT 3.50	TMT 3.50
		M	EUR 1 =	TMT 3.9183	TMT 4.1125	TMT 4.1661	TMT 4.0915
<b>Uganda</b>							
Kampala 350	Uganda shilling	B S	USD 1 =	UGX 3,697.34	UGX 3,681.65	UGX 3,673.78	UGX 3,710.78
			USD 1 =	UGX 3,707.34	UGX 3,691.65	UGX 3,683.78	UGX 3,720.78
	UGX	B S	EUR 1 =	UGX 4,132.84	UGX 4,318.14450	UGX 4,331.26000	UGX 4,320.88961
			EUR 1 =	UGX 4,144.01	UGX 4,329.87333	UGX 4,343.05000	UGX 4,332.53377
<b>Ukraine</b>							
Kyiv 072	Hryvnia = 100 kopyok	M	USD 1 =	UAH 25.8236	UAH 27.6913	UAH 27.4759	UAH 28.2989
		M	EUR 1 =	UAH 28.9192	UAH 32.5470	UAH 32.7334	UAH 33.1309
<b>United Arab Emirates <sup>1</sup></b>							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils	2	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
		V, M	EUR 1 =	AED 4.1112	AED 4.3512	AED 4.3850	AED 4.2998
<b>United Kingdom <sup>1</sup></b>							
London 006	Pound sterling = 100 pence	M	GBP 1 =	USD 1.2766	USD 1.3126	USD 1.3330	USD 1.2924
		M	EUR 1 =	GBP 0.8743	GBP 0.9012	GBP 0.8925	GBP 0.9072
<b>United States</b>							
Washington 400	US dollar = 100 cents	M	EUR 1 =	USD 1.11753	USD 1.1774	USD 1.1936	USD 1.1718
		M	GBP 1 =	USD 1.27613	USD 1.3088	USD 1.3369	USD 1.2916

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 ff. <sup>2</sup> Value against the US dollar.

#### IV. Overview of world currencies \*

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

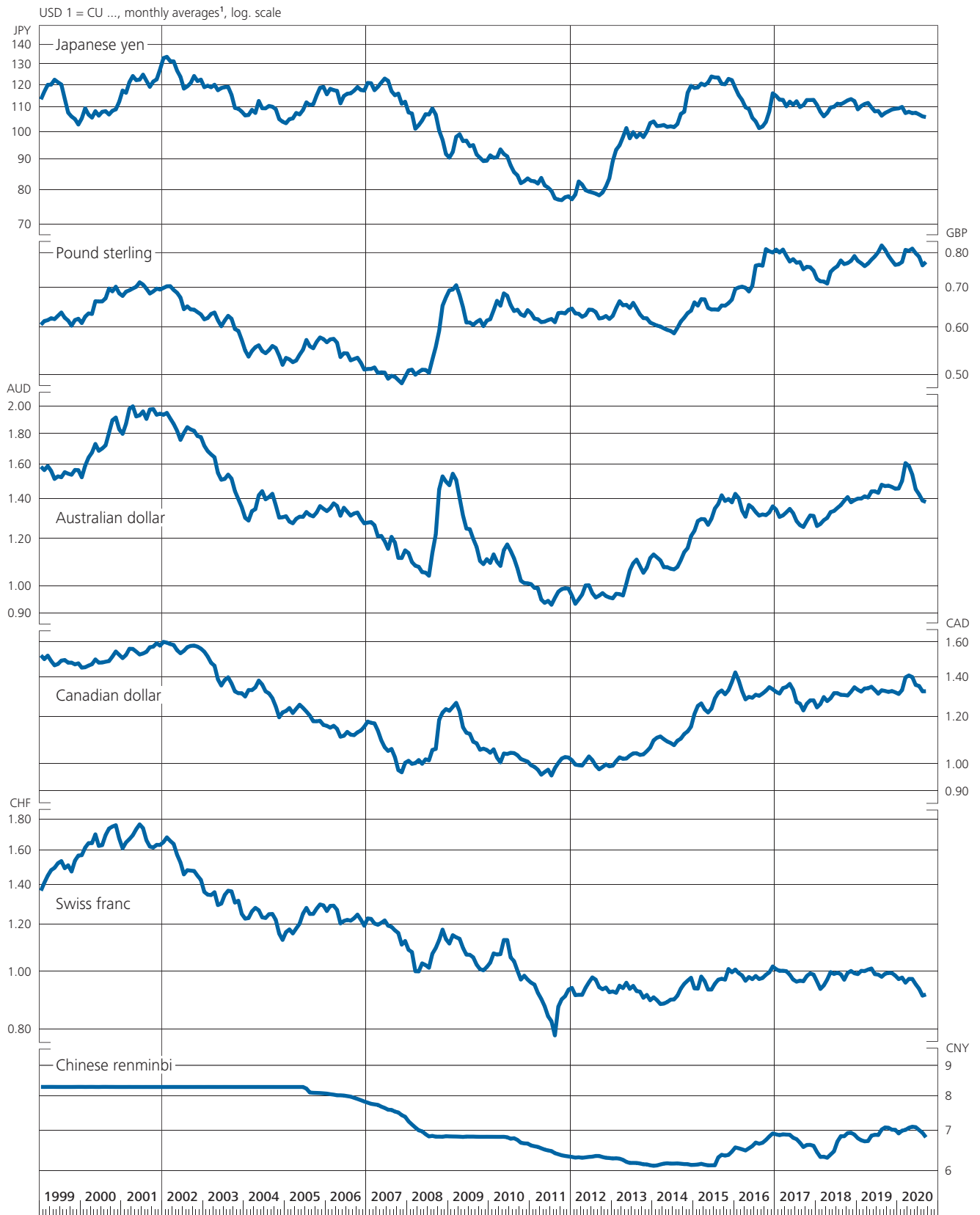
Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					July 2020	August 2020	September 2020
<b>Uruguay</b>							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 35.277	UYU 42.376	UYU 42.587	UYU 42.575
		M	EUR 1 =	UYU 39.4599	UYU 49.9549	UYU 50.8276	UYU 49.9043
<b>Uzbekistan</b>							
Tashkent 081	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 8,853.99	UZS 10,207.69	UZS 10,262.87	UZS 10,321.21
		M	EUR 1 =	UZS 9,907.42	UZS 11,896.04	UZS 12,105.06	UZS 12,003.57
<b>Vanuatu</b>							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 112.90	VUV 111.11	VUV 110.10	VUV 111.18
		S	USD 1 =	VUV 120.29	VUV 118.29	VUV 117.10	VUV 118.25
		B	EUR 1 =	VUV 127.17	VUV 129.23	VUV 131.16	VUV 131.55
		S	EUR 1 =	VUV 132.41	VUV 134.78	VUV 136.46	VUV 136.86
<b>Venezuela, Bolivarian Republic of <sup>1</sup></b>							
Caracas 484	Bolívar Soberano = 100 céntimos VES	B	USD 1 =	VES 15,870.42	VES 258,448.35	VES 326,929.52	VES 435,585.76
		S	USD 1 =	VES 15,910.20	VES 259,096.09	VES 327,748.89	VES 436,677.45
		B	EUR 1 =	VES 17,630.66	VES 305,547.98	VES 391,027.32	VES 511,639.03
		S	EUR 1 =	VES 17,676.40	VES 306,313.76	VES 392,007.34	VES 512,921.33
<b>Viet Nam</b>							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 23,173	VND 23,090	VND 23,090	VND 23,090
		S	USD 1 =	VND 23,286	VND 23,270	VND 23,270	VND 23,270
		B	EUR 1 =	VND 25,841.32	VND 27,081.12	VND 26,964.72	VND 26,720.52
		S	EUR 1 =	VND 26,611.82	VND 28,177.67	VND 28,056.56	VND 27,802.47
<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 279.90	YER 293.15	YER 297.56	YER 293.39
		S	EUR 1 =	YER 280.46	YER 293.74	YER 298.16	YER 293.97
<b>Zambia</b>							
Lusaka 378	Kwacha = 100 ngwee ZMW	B	USD 1 =	ZMW 12.9734	ZMW 18.2386	ZMW 19.4824	ZMW 19.9929
		S	USD 1 =	ZMW 13.0234	ZMW 18.2886	ZMW 19.5324	ZMW 20.0429
		B	EUR 1 =	ZMW 14.5150	ZMW 21.5964	ZMW 23.2678	ZMW 23.4057
		S	EUR 1 =	ZMW 14.5761	ZMW 21.6611	ZMW 23.3333	ZMW 23.4663
<b>Zimbabwe</b>							
Harare 382	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =	ZWL 9.49651 <sup>2</sup>	ZWL 76.75960	ZWL 83.39940	ZWL 81.44390
		M	EUR 1 =	ZWL 10.51168 <sup>2</sup>	ZWL 91.22900	ZWL 99.23715	ZWL 95.59490

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 50. <sup>1</sup> See Explanatory notes on individual countries, pp. 53 ff. <sup>2</sup> Average from February to December 2019.



#### IV. Overview of world currencies\*

##### 2. Exchange rates of the US dollar against major currencies



\* See Explanatory notes, p. 50. <sup>1</sup> Calculated on the basis of national central banks' daily rates.

#### IV. Overview of world currencies \*

##### 3. Currencies in selected territories and states in which the currency of another country is legal tender

Country or territory (country code)	Currency	Country or territory (country code)	Currency
Åland Islands	Euro	Madeira (010)	Euro
Alhucemas	Euro	Marie-Galante (001)	Euro
American Samoa (830)	US dollar	Marshall Islands (824)	US dollar
Andaman Islands	Indian rupee	Martinique (001)	Euro
Andorra 1 (043)	Euro	Mayotte (377)	Euro
Anguilla (446)	East Caribbean dollar	Melilla (023)	Euro
Azores (010)	Euro	Micronesia, Federated States of (823)	US dollar
		Monaco 1 (001)	Euro
		Montenegro (097)	Euro
		Montserrat (470)	East Caribbean dollar
Baker Island (832)	US dollar	Mooréa	CFP franc
Balearics	Euro		
Bali	Indonesian rupiah		
Bonaire (475)	US dollar		
Bora-Bora	CFP franc		
Borneo (northern part) (701)	Malaysian ringgit		
Borneo (southern part) (700)	Indonesian rupiah		
British Virgin Islands (468)	US dollar		
		Nauru (803)	Australian dollar
		Newfoundland	Canadian dollar
		Nicobar Islands	Indian rupee
		Niue (838)	New Zealand dollar
		Norfolk Island (836)	Australian dollar
		Northern Mariana Islands (820)	US dollar
Canary Islands (011)	Euro		
Ceuta (021)	Euro		
Chafarinas (Islands)	Euro		
Christmas Island (834)	Australian dollar		
Cocos Islands (833)	Australian dollar		
		Palau (825)	US dollar
		Pescadore	New Taiwan dollar
		Pitcairn Islands Group (813)	New Zealand dollar
		Puerto Rico (400)	US dollar
Désirade (001)	Euro		
		Réunion (001)	Euro
Easter Island	Chilean peso		
Ecuador 1 (500)	US dollar		
		Saba (475)	US dollar
		San Marino 1 (047)	Euro
		Spitzbergen/Spitsbergen (028)	Norwegian krone
		St Barthélemy (001)	Euro
		St Eustatius (475)	US dollar
		St Martin (northern part) (001)	Euro
		St Pierre and Miquelon (408)	Euro
		Sumatra	Indonesian rupiah
		Swan Islands (424)	Honduran lempira
Galapagos Islands (500)	US dollar		
Gozo (Island of)	Euro		
Greenland (406)	Danish krone		
Guadeloupe (001)	Euro		
Guam (831)	US dollar		
Guernsey 1 (107)	Pound sterling		
		Tahiti (822)	CFP franc
		Tibet (720)	Chinese renminbi
		Timor-Leste 1 (626)	US dollar
		Tokelau (839)	New Zealand dollar/Samoan tala
		Turks and Caicos Islands 1 (454)	US dollar
		Tuvalu 1 (807)	Australian dollar
Howland Island (832)	US dollar		
		Vatican City 1 (045)	Euro
Isle of Man 1 (109)	Pound sterling	Virgin Islands of the United States (457)	US dollar
Jarvis Island (832)	US dollar		
Java	Indonesian rupiah		
Jersey 1 (108)	Pound sterling		
		Wallis and Futuna (Islands) (811)	CFP franc
Kiribati 1 (812)	Australian dollar	Western Sahara (203)	Moroccan dirham
Kosovo (095)	Euro		
	Serbian dinar		
Laccadive Islands	Indian rupee		
Les Saintes Islands (001)	Euro		
Liechtenstein (037)	Swiss franc	Zanzibar (Island) (352)	Tanzania shilling

V. Value of the special drawing right in selected currencies \*

SDR 1 = CU ... , year-end and month-end data as well as daily data

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
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	12.0888
2008	1.54027	1.10675	10.5271	140.464	1.05657	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	9.6666	133.020	0.953662	1.52954	1.40874	8.69762	8.55432	10.0140
2013	1.54000	1.11732	9.3977	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	9.84056	11.6850	11.7238
2018	1.39079	1.21424	9.53107	154.141	1.09550	1.89153	1.36451	9.06709	12.1106	12.4768
2019	1.38283	1.23588	9.66184	150.894	1.05386	1.80583	1.34362	9.23156	12.1685	12.8879
2018 Oct.	1.38213	1.22118	9.63577	156.512	1.08198	1.81639	1.38945	9.11170	11.6657	12.6669
Nov.	1.38323	1.21773	9.60412	156.899	1.08446	1.83983	1.38053	9.08694	11.8607	12.5719
Dec.	1.39079	1.21424	9.53107	154.141	1.09550	1.89153	1.36451	9.06709	12.1106	12.4768
2019 Jan.	1.40070	1.21927	9.39364	152.564	1.06683	1.84108	1.39089	9.10274	11.7810	12.6277
Feb.	1.39798	1.22458	9.35008	155.021	1.05087	1.84099	1.38854	9.13676	11.9112	12.9179
Mar.	1.38825	1.23565	9.33053	153.985	1.05929	1.85512	1.38256	9.22441	11.9351	12.8859
Apr.	1.38576	1.23530	9.34152	154.789	1.06511	1.86011	1.41237	9.22101	11.9426	13.1801
May	1.37762	1.23542	9.51040	150.615	1.09504	1.86351	1.38444	9.22739	12.0966	13.1570
June	1.39021	1.22163	9.54627	149.698	1.09573	1.81937	1.35532	9.11768	11.8422	12.8891
July	1.37542	1.23345	9.46755	149.315	1.13063	1.80840	1.36159	9.21065	12.0604	13.1541
Aug.	1.36834	1.23989	9.77011	145.632	1.12362	1.82130	1.35363	9.24488	12.4460	13.3967
Sep.	1.36331	1.25200	9.71931	147.169	1.10829	1.80543	1.35697	9.34763	12.3889	13.3668
Oct.	1.37939	1.23668	9.70789	150.119	1.06439	1.81528	1.36208	9.23898	12.6784	13.2827
Nov.	1.37290	1.24707	9.65027	149.797	1.06509	1.82294	1.36981	9.31706	12.5979	13.1661
Dec.	1.38283	1.23588	9.66184	150.894	1.05386	1.80583	1.34362	9.23156	12.1685	12.8879
2020 Jan.	1.37695	1.24588	9.56160	150.129	1.04899	1.82212	1.33378	9.31064	12.6947	13.3020
Feb.	1.37328	1.25105	9.61381	150.237	1.06605	1.84418	1.32679	9.34824	12.9970	13.2864
Mar.	1.36480	1.24571	9.68007	148.354	1.10416	1.93624	1.31758	9.30215	14.3382	13.7532
Apr.	1.36640	1.25635	9.63902	145.631	1.09225	1.90066	1.32602	9.37040	14.0510	13.4540
May	1.37202	1.23206	9.80488	146.998	1.11329	1.89160	1.31940	9.18400	13.2914	12.9906
June	1.37570	1.22852	9.72356	148.190	1.12114	1.87480	1.30760	9.15566	13.4056	12.8614
July	1.41307	1.19266	9.87099	147.736	1.07556	1.89408	1.28356	8.87847	12.8000	12.2281
Aug.	1.41891	1.18837	9.72819	149.511	1.06618	1.85055	1.28376	8.84603	12.4244	12.2621
Sep.	1.40757	1.20223	9.58359	148.907	1.09688	1.87756	1.29778	8.95207	13.3458	12.6517
2020 Aug. 20	1.41260	1.19207	9.77250	149.862	1.07598	1.86392	1.28716	8.87508	12.6440	12.2921
21	1.41160	1.19942	9.75572	149.164	1.07330	.	1.28653	8.92865	12.7034	12.3258
24	1.41266	1.19242	9.76782	149.445	1.07697	1.86570	1.28489	8.87571	12.6621	12.3943
25	1.41169	1.19493	9.75562	149.639	1.07524	1.86258	1.28386	8.89308	12.6290	12.3802
26	1.41217	1.19787	9.73947	150.326	1.07365	1.85771	1.28345	8.91687	12.6500	12.3860
27	1.41232	1.19627	9.71072	149.593	1.07087	1.85424	1.28472	8.90369	12.5822	12.3207
28	1.41839	1.19042	9.74051	151.271	1.06618	1.85767	1.28130	8.86140	12.4637	12.2820
31	1.41891	1.18837	9.72819	149.511	.	1.85055	1.28376	8.84603	12.4244	12.2621
Sep. 1	1.42354	1.18757	9.70638	150.710	1.05694	1.85843	1.28709	8.83962	12.3956	12.2696
2	1.41725	1.19488	9.67399	150.242	1.06049	1.85191	1.29033	8.89134	12.4339	12.3400
3	1.41379	1.19681	9.65941	150.187	1.06685	1.85531	1.28888	8.90432	12.6042	12.3476
8	1.41172	1.19790	9.64367	150.066	1.08075	1.86220	1.29504	8.91321	12.7832	12.3869
9	1.40897	1.19678	9.64748	149.281	1.08978	1.85604	1.29463	8.90440	12.8235	12.4322
10	1.41322	1.19269	9.66856	150.084	1.08534	1.86008	1.28448	8.87406	12.7463	12.3665
11	1.41226	1.19138	9.65475	149.911	1.10083	.	1.28452	8.86407	12.7511	12.3639
14	1.41390	1.19055	9.65652	150.085	1.09783	1.86281	1.28191	8.85747	12.7309	12.3856
15	1.41664	1.19126	9.60781	149.711	1.09711	1.86657	1.28277	8.86250	12.7420	12.4092
16	1.41684	1.19373	9.58212	149.165	1.09273	1.86570	1.28366	8.88092	12.7262	12.4387
17	1.41401	1.19862	9.56956	148.542	1.09110	1.86649	1.28823	8.91719	12.8538	12.4823
18	1.41664	1.19719	9.57588	148.492	1.09127	1.86798	1.28864	8.90750	12.8744	12.4355
21	1.41329	1.19902	9.56727	.	1.09889	1.87868	1.29125	8.92164	13.0501	12.3915
22	1.41187	1.20261	9.59481	.	1.09813	1.87919	1.29108	8.94951	13.1720	12.5430
23	1.40775	1.20403	9.56050	147.997	1.10633	1.88048	1.29577	8.96146	13.2368	12.5749
24	1.40412	1.20577	9.57790	148.037	1.10093	1.87787	1.29909	8.97400	13.3869	12.6938
25	1.40346	1.20634	9.56453	148.107	1.10500	1.88007	1.30199	8.98295	13.4441	12.7604
28	1.40659	1.20531	9.59849	148.241	1.09021	1.88174	1.30258	8.97465	13.3283	12.8181
29	1.40728	1.20259	9.59803	148.425	1.09392	1.88448	1.29814	8.95464	13.2938	12.7218
30	1.40757	1.20223	9.58359	148.907	1.09688	1.87756	1.29778	8.95207	13.3458	12.6517
Oct. 1	1.41052	1.20024	.	148.867	1.09884	1.87487	1.29507	8.93232	13.0914	12.6095
2	1.41008	1.20212	.	148.848	1.09215	1.87682	1.29868	8.94542	13.1078	12.5819
5	1.41191	1.19979	.	149.070	1.09049	1.87347	1.29395	8.92642	13.0604	12.5834
6	1.41294	1.19792	.	149.278	1.09238	1.87526	1.29292	8.91345	13.0097	12.5710
7	1.41119	1.19897	.	149.092	1.09688	1.87335	1.29476	8.92276	13.1062	12.6183
8	1.41151	1.19975	.	149.620	1.09415	1.86601	1.29591	8.92889	13.0819	12.5163
9	1.41460	1.19932	9.49947	149.890	1.09358	1.85821	1.29075	8.92554	13.0273	12.5199

Source: IMF, Washington. \* See Explanatory notes, pp. 50-51. 1 ISO currency code: XDR.

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

As of end-April 2019

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	Kosovo Montenegro San Marino		Kiribati Nauru Tuvalu			
<b>Currency board</b>	Djibouti Hong Kong  <b>ECCU <sup>2</sup></b> 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	Cabo Verde Comoros Denmark <sup>4</sup> Sao Tome and Principe  <b>WAEMU <sup>5</sup></b> Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo  <b>CAEMC <sup>6</sup></b> Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon	Fiji Kuwait Libya	Bhutan Eswatini Lesotho Namibia Nepal	Samoa <sup>3</sup>		Solomon Islands <sup>3</sup>
<b>Stabilised arrangement</b>	Guyana Iran, Islamic Republic of <sup>7</sup> Lebanon Maldives Trinidad and Tobago	Croatia North Macedonia	Morocco Viet Nam <sup>7</sup>		Bolivia, Plurinational State of <sup>7</sup> Congo, Democratic Republic of the <sup>7</sup> Guinea <sup>7</sup> Malawi <sup>7</sup> Nigeria <sup>7</sup> Suriname <sup>7</sup> Yemen <sup>7</sup>	Armenia <sup>7,8</sup> Guatemala <sup>7,9</sup> Romania <sup>8,9,10</sup> Serbia <sup>10</sup>	Azerbaijan <sup>7</sup> Egypt <sup>7</sup> Kyrgyzstan <sup>7,8</sup> Sudan <sup>7</sup> Tajikistan <sup>7,9,11</sup>
<b>Crawling peg</b>	Honduras Nicaragua		Botswana				

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2019, Table 2, IMF, Washington. \* See Explanatory notes, pp. 51-52. <sup>1</sup> Includes countries that have no explicitly stated nominal anchor, but rather monitor various indicators in conducting monetary policy. <sup>2</sup> The members participate in the Eastern Caribbean

Currency Union. <sup>3</sup> The country maintains a de facto exchange rate anchor to a composite. <sup>4</sup> The member participates in ERM II. <sup>5</sup> The members participate in the West African Economic and Monetary Union. <sup>6</sup> The members participate in the Central African Economic and Monetary Community. <sup>7</sup> The country maintains a de facto

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

As of end-April 2019

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>Crawl-like arrangement</b>	Liberia		Singapur		Algeria <sup>7</sup> Bangladesh <sup>7</sup> Burundi <sup>7</sup> Ethiopia <sup>7</sup> Papua New Guinea <sup>7</sup> Rwanda <sup>7</sup> Tanzania, United Republic of <sup>7</sup>	Dominican Republic <sup>7</sup> Paraguay <sup>7</sup>	Haiti <sup>7</sup> Lao People's Democratic Republic <sup>7</sup> Mauritania <sup>7</sup> Sri Lanka <sup>7,11</sup> South Sudan <sup>7,8</sup> Tunisia <sup>10,11</sup> Uzbekistan <sup>7,9,11</sup>
<b>Pegged exchange rate within horizontal bands</b>							Tonga <sup>3</sup>
<b>Other managed arrangement</b>	Cambodia		Syrian Arab Republic		Afghanistan Angola China Gambia Myanmar Sierra Leone		Kenya <sup>11</sup> Mongolia <sup>8,9,11</sup> Pakistan <sup>8</sup> Vanuatu Venezuela, Bolivarian Republic of
<b>Floating</b>					Argentina Belarus Madagascar Seychelles Zimbabwe	Albania Brazil Colombia Costa Rica Czechia Georgia Ghana Hungary Iceland India Indonesia Israel Jamaica Kazakhstan Korea, Republic of Moldova, Republic of New Zealand Peru Philippines South Africa Thailand Turkey Uganda Ukraine Uruguay	Malaysia Mauritius Mozambique <sup>11</sup> Switzerland Zambia
<b>Free floating</b>						Australia Canada Chile Japan Mexico Norway Poland Russian Federation Sweden United Kingdom	Somalia <sup>12</sup> United States  <b>Euro area</b>  Austria Belgium Cyprus Estonia Finland France Germany Greece Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain

exchange rate anchor to the US dollar. <sup>8</sup> The exchange rate arrangement or monetary policy framework was reclassified retroactively, overriding a previously published classification. <sup>9</sup> The exchange rate arrangement was reclassified twice during this reporting period. <sup>10</sup> The country maintains a de facto exchange rate

anchor to the euro. <sup>11</sup> The central bank is in transition toward inflation targeting. <sup>12</sup> Currently the Central Bank of Somalia does not have a monetary policy framework.

VII. ISO currency codes \*

ISO code	Currency	Country 1 or territory	ISO code	Currency	Country 1 or territory	ISO code	Currency	Country 1 or territory
AED	United Arab Emirates dirham	United Arab Emirates	CUC	Convertible peso	Cuba <sup>1</sup>	GMD	Dalasi	Gambia
AFN	Afghani	Afghanistan	CUP	Cuban peso	Cuba	GNF	Guinean franc	Guinea
ALL	Albanian lek	Albania	CVE	Cabo Verde escudo	Cabo Verde	GTQ	Quetzal	Guatemala
AMD	Armenian dram	Armenia	CZK	Czech koruna	Czechia	GYP	Guyana dollar	Guyana
ANG	Netherlands Antillean guilder	Curaçao Sint Maarten (southern part)	DJF	Djibouti franc	Djibouti	HKD	Hong Kong dollar	Hong Kong
AOA	Kwanza	Angola	DKK	Danish krone	Denmark Faroe Islands Greenland	HNL	Lempira	Honduras
ARS	Argentine peso	Argentina	DOP	Dominican peso	Dominican Republic	HRK	Kuna	Croatia
AUD	Australian dollar	Australia Christmas Island Cocos Islands Kiribati Nauru Norfolk Island Tuvalu	DZD	Algerian dinar	Algeria	HTG	Gourde	Haiti
AWG	Aruban florin	Aruba	EGP	Egyptian pound	Egypt	HUF	Hungarian forint	Hungary
AZN	Azerbaijan manat	Azerbaijan	ERN	Nakfa	Eritrea	IDR	Indonesian rupiah	Indonesia
BAM	Convertible marka	Bosnia and Herzegovina	ETB	Birr	Ethiopia	ILS	New shekel	Israel
BBD	Barbados dollar	Barbados	EUR	Euro	Austria Belgium Cyprus Estonia Finland France Germany Greece Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain	INR	Indian rupee	India Bhutan
BDT	Taka	Bangladesh			Åland Islands Andorra (French) Guiana Guadeloupe Martinique Mayotte Monaco Montenegro Réunion Saint Pierre and Miquelon Saint Barthélemy Saint Martin (northern part) San Marino Vatican City	IQD	Iraqi dinar	Iraq
BGN	Bulgarian lev	Bulgaria				IRR	Iranian rial	Iran, Islamic Republic of
BHD	Bahraini dinar	Bahrain				ISK	Icelandic krona	Iceland
BIF	Burundi franc	Burundi				JMD	Jamaican dollar	Jamaica
BMD	Bermudian dollar	Bermuda				JOD	Jordanian dinar	Jordan
BND	Brunei dollar	Brunei Darussalam				JPY	Japanese yen	Japan
BOB	Boliviano	Bolivia, Plurinational State of				KES	Kenya shilling	Kenya
BRL	Brazilian real	Brazil				KGS	Kyrgyz som	Kyrgyzstan
BSD	Bahamian dollar	Bahamas				KHR	Riel	Cambodia
BTN	Ngultrum	Bhutan				KMF	Comorian franc	Comoros
BWP	Pula	Botswana				KPW	North Korean won	Korea, Democratic People's Republic of
BYN	Belarusian rouble	Belarus				KRW	South Korean won	Korea, Republic of
BZD	Belize dollar	Belize				KWD	Kuwaiti dinar	Kuwait
			FJD	Fiji dollar	Fiji	KYD	Cayman Islands dollar	Cayman Islands
CAD	Canadian dollar	Canada	FKP	Falkland Islands pound	Falkland Islands (Islas Malvinas)	KZT	Tenge	Kazakhstan
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, pp. 53 ff.

## VII. ISO currency codes \*

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

## 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, i. e. 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. For information on the framework for the euro foreign exchange reference rates, see the ECB's website: <https://www.ecb.europa.eu/stats/pdf/exchange/Frameworkfortheeuroforeignexchangereference-rates.en.pdf?c883afa875c74877fdf4634dcb85688c>.

### Effective euro exchange rates

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 the price competitiveness of the euro area economy as a whole. 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 Q1 1999 = 100. An increase in the index rate indicates an appreciation of the euro and thus, taken in isolation, a negative impact on the price competitiveness of the domestic economy. The weights are based on the trade in manufactured goods (Sections 5 to 8 of the Standard International Trade Classification (SITC)) and services (Extended Balance

of Payments Services Classification (EBOPS) – Total EBOPS services) and also reflect third-market effects.

The table entitled "Overall trade weights for the effective exchange rates (EER) of the euro" on page 49 shows trading partners' membership of the EER-19 and EER-42 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 preceding period. See the ECB's website for information on the revised trade weights published from July 2020 (<https://www.ecb.europa.eu/stats/pdf/exchange/updatedtradeweights201708202007.pdf?f184ad85cc2c5ccef05680706893cde>).

The real effective exchange rates of the euro additionally take account of the differences in price movements between the groups of countries under review. If the current price indices for determining the real effective exchange rate 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 is methodically consistent with the ECB's procedure for determining the effective exchange rates of the euro (see Deutsche Bundesbank, Monthly Report, November 2001, p. 50 ff., May 2007, p. 31 ff. and August 2017, p. 41 ff.).

The indicators are broken down into three groups in Table III. 3. (p. 17).

The group of 26 selected industrialised countries comprises the respective composition of 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.



Overall trade weights used in the calculation of the effective exchange rates (EER) of the euro<sup>o</sup>

Figures in %

As of July 2020

Trading partner	Calculation period for weights <sup>1</sup>											
	EER-19						EER-42					
	1995 to 1997	1998 to 2000	2007 to 2009	2010 to 2012	2013 to 2015	2016 to 2018	1995 to 1997	1998 to 2000	2007 to 2009	2010 to 2012	2013 to 2015	2016 to 2018
	Period of use of weights <sup>1</sup>											
	Up to end of 1997	1998 to 2000 <sup>2</sup>	2007 to 2009	2010 to 2012	2013 to 2015	From 2016	Up to end of 1997	1998 to 2000 <sup>2</sup>	2007 to 2009	2010 to 2012	2013 to 2015	From 2016
<b>EER-42 group</b>							100	100	100	100	100	100
<b>EER-19 group</b>	100	100	100	100	100	100						
Australia	1.00	0.90	1.04	1.14	1.04	1.01	0.82	0.75	0.82	0.89	0.82	0.80
Bulgaria	0.27	0.31	0.63	0.59	0.63	0.67	0.22	0.26	0.50	0.46	0.49	0.53
Canada	1.84	1.95	1.89	1.86	1.80	1.76	1.51	1.61	1.50	1.45	1.42	1.39
China	4.13	4.86	13.65	16.69	17.48	17.55	3.38	4.01	10.83	13.05	13.76	13.88
Croatia	0.66	0.55	0.75	0.59	0.58	0.64	0.54	0.45	0.60	0.46	0.45	0.51
Czechia	2.37	2.52	4.34	4.35	4.24	4.57	1.94	2.08	3.45	3.40	3.33	3.62
Denmark	3.14	2.81	2.92	2.51	2.42	2.36	2.57	2.33	2.32	1.96	1.91	1.86
Hong Kong	3.63	3.30	2.61	2.58	2.56	2.26	2.96	2.73	2.07	2.02	2.01	1.79
Hungary	1.62	2.17	2.86	2.61	2.68	2.81	1.32	1.79	2.27	2.04	2.11	2.22
Japan	10.01	9.05	6.23	5.86	4.81	4.86	8.18	7.47	4.94	4.59	3.78	3.85
Korea, Republic of	2.86	2.56	3.29	3.21	3.07	2.98	2.33	2.11	2.61	2.51	2.42	2.36
Norway	1.69	1.59	1.73	1.59	1.44	1.27	1.38	1.31	1.37	1.24	1.14	1.00
Poland	2.59	2.95	5.53	5.71	5.94	6.48	2.12	2.43	4.39	4.47	4.67	5.13
Romania	0.71	0.80	1.83	1.87	2.09	2.33	0.58	0.66	1.45	1.46	1.65	1.84
Singapore	2.39	2.06	2.06	2.21	2.07	2.17	1.95	1.70	1.64	1.73	1.63	1.72
Sweden	5.11	4.89	4.45	4.30	4.09	3.91	4.17	4.03	3.53	3.36	3.22	3.10
Switzerland	9.70	8.60	8.15	8.33	7.81	7.35	7.92	7.10	6.46	6.51	6.14	5.82
United Kingdom	22.91	22.40	17.07	15.53	15.74	15.09	18.72	18.49	13.55	12.14	12.39	11.94
United States	23.37	25.73	18.97	18.47	19.51	19.93	19.09	21.24	15.05	14.44	15.35	15.77
<b>Additional countries in the EER-42 group</b>												
Algeria							0.36	0.32	0.40	0.39	0.40	0.30
Argentina							0.53	0.50	0.35	0.44	0.36	0.34
Brazil							1.28	1.24	1.43	1.58	1.39	1.16
Chile							0.34	0.30	0.41	0.40	0.32	0.27
China (Taiwan)							1.82	1.88	1.26	1.28	1.16	1.22
Colombia							0.21	0.17	0.19	0.20	0.20	0.18
Iceland							0.07	0.08	0.10	0.09	0.09	0.11
India							1.13	1.16	2.27	2.64	2.64	2.84
Indonesia							0.81	0.61	0.54	0.64	0.62	0.62
Israel							1.04	1.04	0.75	0.79	0.84	0.91
Malaysia							1.13	1.01	0.95	0.96	0.92	0.87
Mexico							0.76	1.07	1.04	1.13	1.20	1.32
Morocco							0.53	0.60	0.66	0.64	0.66	0.72
New Zealand							0.17	0.13	0.14	0.14	0.15	0.15
Peru							0.13	0.10	0.12	0.15	0.15	0.16
Philippines							0.36	0.45	0.34	0.33	0.39	0.42
Russian Federation							2.29	1.75	3.11	3.34	3.08	2.56
Saudi Arabia							0.46	0.42	0.66	0.68	0.80	0.75
South Africa							0.88	0.82	0.89	0.84	0.75	0.71
Thailand							1.13	0.89	0.95	0.99	1.05	1.16
Turkey							2.00	2.09	2.59	2.66	2.68	2.59
Ukraine							0.43	0.36	0.66	0.60	0.44	0.41
United Arab Emirates							0.44	0.46	0.84	0.91	1.02	1.10

<sup>o</sup> Weights based on trade in goods and services. Figures have been rounded. In addition, the ECB publishes weighting schemes and indicators for a group of 12 countries.  
<sup>1</sup> Selected calculation periods; for a comprehensive overview, see <https://www.bundesbank.de/en/statistics/exchange-rates/effective-exchange-rates-/methodology-and-quality-796162>.  
<sup>2</sup> Including the reference period of the indices.

The group of 37 countries comprises the euro area countries and the countries of the EER-19 group; the group of 60 countries consists of the euro area countries as well as the countries of the EER-42 group.

## Overview of world currencies

The end-of-month exchange rates listed in Table IV. 1. (pp. 18-40) 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. 46-47). 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 in-

cluded 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 <https://www.imf.org/en/Publications/Policy-Papers/Issues/2016/12/31/Review-of-the-Method-of-Valuation-of-the-SDR-Amendment-to-Rule-O-1-PP5065>).

	(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 incor-

porated 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 (e. g. 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 2019 (see Table VI., pp. 44-45) is based on the IMF’s “Annual Report on Exchange Arrangements and Exchange Restrictions 2019”, 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 deter-

mined by the market rather than by official action, with market-determined exchange rates being on the whole more flexible. The IMF’s system distinguishes between four major categories. The category “hard pegs” (fixed exchange rate anchors) is subdivided into exchange arrangements with no separate legal tender and currency board arrangements (institutionalised, unilateral exchange rate peg). The category “soft pegs” (less stringent exchange rate anchors) comprises conventional fixed peg arrangements (exchange rate guarantee but no irrevocable parity), stabilised arrangements (exchange rate within a narrow band without any political obligation), crawling pegs (moving central rate without a band), crawl-like arrangements (moving central rate with an annual minimum rate of change) and pegged exchange rates within horizontal bands. The category “floating regimes” (market-determined rates) distinguishes between free-floating rates (intervention in exceptional cases only) and floating rates (more frequent modes of intervention). All other exchange rate arrangements are grouped under the category “residual” (other managed arrangements). The classification system presents members’ exchange rate arrangements against alternative monetary policy frameworks in order to highlight the role of the exchange rate in broad economic policy and to illustrate that different exchange rate arrangements can be consistent with similar monetary frameworks.

The monetary policy frameworks listed are as follows.

### Exchange rate anchor

The monetary authority buys or sells foreign exchange to maintain the exchange rate at its predetermined level or within a range. The exchange rate thus serves as the nominal anchor or intermediate target of monetary policy. These frameworks are associated with exchange rate arrangements with no separate legal tender, currency board arrangements, pegs (or stabilised arrangements) with or without bands, crawling pegs (or crawl-like arrangements) and other managed arrangements.

### Monetary aggregate target

The monetary authority uses its instruments to achieve a target growth rate for a monetary aggregate, such as reserve money, M1 or M2, and the targeted aggregate becomes the nominal anchor or intermediate target of monetary policy.

### Inflation-targeting framework

This involves the public announcement of numerical targets for inflation, with an institutional commitment by the monetary authority to achieve these targets, typically over a medium-term horizon. Additional key features nor-

mally 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.

### Argentina

Capital controls were introduced by decree on 1 September 2019 in response to the escalating financial and sovereign debt crisis.

Since 23 December 2019 (the date on which Law 27541 entered into force), Argentina has been levying a tax (Impuesto Para una Argentina Inclusiva y Solidaria – PAÍS) of 30% on transactions such as the following:

- purchases of foreign currency banknotes and foreign exchange, including travellers' cheques, by Argentine residents;
- the exchange of foreign currency intended for the purchase of goods or services or for the purchase of services abroad;
- foreign transactions with Argentine bank cards.

In addition, there are said to be significantly different black market prices.

### 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 customary tender.

### Burkina Faso

See Explanatory notes on Benin.

### Cameroon

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

### Central African Republic

See Explanatory notes on Cameroon.

### Chad

See Explanatory notes on Cameroon.

### Congo

See Explanatory notes on Cameroon.

### Cook Islands

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

### Côte d'Ivoire

See Explanatory notes on Benin.

### Cuba

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

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

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

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

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

### **El Salvador**

The US dollar is likewise legal tender alongside the El Salvador colón.

### **Equatorial Guinea**

See Explanatory notes on Cameroon.

### **Eswatini**

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

### **Gabon**

See Explanatory notes on Cameroon.

### **Guinea-Bissau**

See Explanatory notes on Benin.

### **Haiti**

In September, the gourde appreciated strongly. Calculated using the exchange rates from the end of August and the end of September 2020, the gourde appreciated by 72.9% against the US dollar and by 76.3% against the euro.

### **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 we have only incomplete information on the extensive changes and regulations in the multiple exchange rate system, the information provided below on applying exchange rates – valid since 6 August 2018 – is intended merely as a guideline.

#### **Central bank rate**

For imports of essential goods (e.g. basic foodstuffs and pharmaceuticals).

#### **NIMA rate (see <https://www.sanarate.ir/Default.aspx>)**

For other, non-specified goods imports and services. Access to the electronic platform NIMA is possible only for certain importers as well as exchange bureaus.

#### **Bureau de change rate**

Used in addition to the regulated central bank and NIMA exchange rates, including for travelling abroad, tuition fees at foreign universities, medical treatment and legal fees abroad.

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.

### **Korea, Democratic People’s Republic of**

No exchange rates have been available for the North Korean won since July 2020.

### **Lebanon**

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

### **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.

**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 bureau de change rate was approximately 460 Naira to the US dollar at the middle of September 2020.

**Panama**

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

**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 customary tender.

**Somalia**

No exchange rates are available for the Somali shilling.

**Suriname**

With effect from 22 September 2020, the exchange rates (buying/selling) between the Suriname dollar and the US dollar of USD 1 = SRD 7.396/ 7.520 were changed to USD 1 = SRD 14.018 / 14.290; this corresponds to a depreciation of the Suriname dollar vis-à-vis the US dollar of 47.3% (calculated on the basis of the middle rates).

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

21 September 2020	EUR 1 = SRD 8.752 / 8.899
22 September 2020	EUR 1 = SRD 16.524 / 16.844.

**Syrian Arab Republic**

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

**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**

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