



Exchange rate statistics

April 2020

Statistical Series

Deutsche Bundesbank
Wilhelm-Epstein-Straße 14
60431 Frankfurt am Main
Germany

Postfach 10 06 02
60006 Frankfurt am Main
Germany

Tel.: +49 (0)69 9566 3512
Email: www.bundesbank.de/contact

Information pursuant to Section 5 of the German Tele-
media Act (*Telemediengesetz*) can be found at:
www.bundesbank.de/imprint

Reproduction permitted only if source is stated.

ISSN 2699-9188

Finalized on 14 April 2020.

This Statistical Series is released once a month and pub-
lished on the basis of Section 18 of the Bundesbank Act
(*Gesetz über die Deutsche Bundesbank*).

To be informed when new issues of this Statistical Series
are published, subscribe to the newsletter at:
www.bundesbank.de/en/publications/statistics

Up-to-date information and time series are also available
online at:
www.bundesbank.de/statisticalseries
www.bundesbank.de/timeseries

Further statistics compiled by the Deutsche Bundesbank
can also be accessed at the Bundesbank web pages.

A publication schedule for selected statistics can be viewed
on the following page:
www.bundesbank.de/statisticalcalender

■ Contents

■ 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	7
2. Central rates and intervention rates in Exchange Rate Mechanism II	7

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

1. End-of-month and daily rates	8
2. Annual and monthly averages	10
3. End-of-year rates and annual averages	12
4. Exchange rates of major currencies (chart)	14

■ III. Effective exchange rates

1. Effective exchange rates of the euro and indicators of the German economy's price competitiveness (chart)	15
2. Effective exchange rates of the euro	16
3. Indicators of the German economy's price competitiveness	17

■ IV. Overview of world currencies

1. Currencies and exchange rates in individual countries	18
2. Exchange rates of the US dollar against major currencies (chart)	41
3. Currencies in selected territories and states in which the currency of another country is legal tender	42

■ V. Value of the special drawing right in selected currencies 43

■ VI. Global exchange rate arrangements and Monetary policy framework 44

■ VII. ISO currency codes 46

■ Explanatory notes

Euro foreign exchange reference rates of the European Central Bank	48
Effective exchange rates of the euro	48
Indicators of the German economy's price competitiveness	48
Overview of world currencies	50
Value of the special drawing right	50
Global exchange rate arrangements and monetary policy framework	51

■ Explanatory notes on individual countries	53
---	----

Abbreviations and symbols

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

Discrepancies in the totals are due to rounding.

I. Euro area and exchange rate stability convergence criterion

1. Euro area countries and irrevocable euro conversion rates in the third stage of Economic and Monetary Union

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

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

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

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

Source: ECB. * One prerequisite before an EU Member State can join the euro area is that its currency must have observed the normal fluctuation margins of Exchange Rate Mechanism II (the standard fluctuation band is $\pm 15\%$) for at least two years without devaluing against the euro. The Danish krone has a fluctuation band of $\pm 2.25\%$ on either side of the central rate. ¹ According to the EU communiqué of 31 December 1998. ² Until 31 December 2000; accession to the euro area on 1 January

2001. ³ Until 31 December 2010; accession to the euro area on 1 January 2011. ⁴ Until 31 December 2014; accession to the euro area on 1 January 2015. ⁵ Until 31 December 2006; accession to the euro area on 1 January 2007. ⁶ Until 31 December 2007; accession to the euro area on 1 January 2008. ⁷ Until 31 December 2013; accession to the euro area on 1 January 2014. ⁸ Until 31 December 2008; accession to the euro area on 1 January 2009.

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

1. End-of-month and daily rates

EUR 1 = CU ...

		EU member countries							
		Bulgaria	Croatia	Czechia	Denmark	Hungary	Poland	Romania	Sweden
Period		Bulgarian lev BGN	Kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	Swedish krona SEK
2019	Feb.	1.9558	7.4275	25.601	7.4611	315.96	4.3089	4.7434	10.4844
	Mar.	1.9558	7.4338	25.802	7.4652	321.05	4.3006	4.7608	10.3980
	Apr.	1.9558	7.4130	25.659	7.4646	322.97	4.2868	4.7596	10.6350
	May	1.9558	7.4185	25.816	7.4680	324.34	4.2843	4.7430	10.6390
	June	1.9558	7.3973	25.447	7.4636	323.39	4.2496	4.7343	10.5633
	July	1.9558	7.3823	25.658	7.4674	326.48	4.2912	4.7338	10.6645
	Aug.	1.9558	7.4023	25.914	7.4562	331.07	4.3812	4.7284	10.8395
	Sep.	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
	Feb.	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
2020	Mar. 19	1.9558	7.6080	27.606	7.4731	356.06	4.5604	4.8445	11.1523
	20	1.9558	7.6098	27.191	7.4691	350.91	4.5315	4.8505	11.0598
	23	1.9558	7.6060	27.635	7.4706	352.33	4.6056	4.8481	11.0715
	24	1.9558	7.6118	27.808	7.4669	353.07	4.6146	4.8357	11.0888
	25	1.9558	7.6083	27.446	7.4682	354.97	4.5817	4.8446	10.9638
	26	1.9558	7.6115	27.550	7.4659	354.99	4.5748	4.8335	11.0070
	27	1.9558	7.6140	27.299	7.4606	355.65	4.5306	4.8375	11.0158
	30	1.9558	7.6265	27.315	7.4667	358.72	4.5509	4.8278	11.0375
	31	1.9558	7.6255	27.312	7.4674	360.02	4.5506	4.8283	11.0613
	Apr. 1	1.9558	7.6285	27.369	7.4642	369.36	4.5815	4.8340	10.9368
	2	1.9558	7.6305	27.553	7.4661	363.73	4.5697	4.8320	10.9265
	3	1.9558	7.6300	27.539	7.4689	365.15	4.5765	4.8307	10.9520
	6	1.9558	7.6255	27.603	7.4660	365.24	4.5643	4.8335	10.9788
	7	1.9558	7.6320	27.215	7.4675	357.62	4.5356	4.8315	10.8788
	8	1.9558	7.6235	27.183	7.4640	359.34	4.5442	4.8365	10.9385
	9	1.9558	7.6175	26.909	7.4657	354.76	4.5586	4.8330	10.9455
	14	1.9558	7.6130	26.864	7.4623	350.70	4.5473	4.8343	10.9158

		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	Feb.	1.5988	4.2688	1.5042	7.6309	8.9613	135.70	80.8915	16,069.73
	Mar.	1.5821	4.3865	1.5000	7.5397	8.8195	137.50	77.7190	15,998.64
	Apr.	1.5911	4.4050	1.5075	7.5541	8.8007	136.20	78.0615	15,953.68
	May	1.6136	4.4462	1.5115	7.7045	8.7457	138.30	77.7410	15,982.17
	June	1.6244	4.3511	1.4893	7.8185	8.8866	141.70	78.5240	16,083.35
	July	1.6175	4.2180	1.4662	7.6743	8.7289	134.70	76.6965	15,639.30
	Aug.	1.6398	4.5879	1.4658	7.8908	8.6549	138.50	78.8365	15,654.57
	Sep.	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
	Feb.	1.6875	4.9232	1.4757	7.6662	8.5550	139.30	79.2850	15,749.25
	Mar.	1.7967	5.7001	1.5617	7.7784	8.4945	155.60	82.8985	17,869.24
2020	Mar. 19	1.8635	5.6037	1.5623	7.6849	8.3849	152.20	81.1400	17,187.09
	20	1.8226	5.3937	1.5257	7.5919	8.3056	150.70	80.4650	17,050.90
	23	1.8586	5.4652	1.5510	7.6385	8.3631	151.50	82.1255	17,872.82
	24	1.8315	5.5116	1.5716	7.6549	8.4088	151.70	82.3580	17,701.20
	25	1.7993	5.4937	1.5539	7.6844	8.3941	151.90	82.6990	17,447.71
	26	1.8162	5.4806	1.5466	7.7675	8.5136	153.50	82.5345	17,686.00
	27	1.8209	5.5905	1.5521	7.7894	8.5095	154.00	82.8695	17,716.88
	30	1.8021	5.6511	1.5626	7.8337	8.5559	154.30	83.5000	18,088.04
	31	1.7967	5.7001	1.5617	7.7784	8.4945	155.60	82.8985	17,869.24
	Apr. 1	1.8053	5.7349	1.5601	7.7653	8.4781	156.10	83.6004	18,239.61
	2	1.7970	5.7023	1.5451	7.7387	8.4545	155.30	83.3260	18,166.12
	3	1.8004	5.6893	1.5299	7.6476	8.3625	155.70	82.2160	17,918.68
	6	1.7790	5.7056	1.5280	7.6519	8.3651	155.50	82.1060	17,710.73
	7	1.7578	5.6678	1.5259	7.6802	8.4381	155.30	82.2520	17,562.95
	8	1.7596	5.6741	1.5233	7.6818	8.4277	155.80	82.8730	17,636.02
	9	1.7444	5.5956	1.5265	7.6709	8.4259	155.90	82.9275	17,243.21
	14	1.7139	5.6585	1.5257	7.7366	8.4975	155.90	83.4940	17,229.09

* 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 Feb.	4.1187	126.44	1,281.07	4.6446	21.9073	1.6685	9.7268	58.999		
Mar.	4.0764	124.45	1,276.46	4.5838	21.6910	1.6500	9.6590	59.075		
Apr.	4.0448	124.93	1,308.01	4.6314	21.2829	1.6805	9.6678	58.125		
May	4.0505	121.27	1,328.31	4.6747	21.8922	1.7134	9.7915	58.225		
June	4.0607	122.60	1,315.35	4.7082	21.8201	1.6960	9.6938	58.335		
July	3.8951	121.04	1,318.25	4.6015	21.2005	1.6883	9.7778	56.685		
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		
2020 Mar. 19	3.9802	118.63	1,364.14	4.7686	26.2955	1.8903	12.3165	55.593		
20	3.8683	118.37	1,335.64	4.7052	25.6864	1.8521	12.1215	54.895		
23	3.9572	119.11	1,355.10	4.7930	26.6130	1.8939	12.2568	55.425		
24	3.9379	119.99	1,346.65	4.8040	26.9302	1.8676	11.9745	55.375		
25	3.9411	120.67	1,334.82	4.7493	26.5704	1.8479	11.7745	55.250		
26	3.9585	120.18	1,336.46	4.7603	26.0735	1.8530	11.5273	55.981		
27	3.9413	119.36	1,346.31	4.7619	25.8329	1.8548	11.6558	56.125		
30	3.9544	119.34	1,351.52	4.7806	26.2460	1.8405	11.6888	56.196		
31	3.9018	118.90	1,341.03	4.7330	26.1772	1.8417	11.5100	55.865		
Apr. 1	3.9015	117.55	1,346.48	4.7654	26.4097	1.8547	11.2685	55.709		
2	3.9777	117.06	1,339.88	4.7524	26.4999	1.8380	11.2345	55.485		
3	3.9267	117.10	1,332.82	4.7006	26.5470	1.8423	11.2628	54.805		
6	3.9144	117.54	1,326.04	4.7097	27.0896	1.8200	11.3875	54.667		
7	3.9178	118.55	1,319.39	4.7268	26.4166	1.8160	11.0945	54.915		
8	3.9054	118.36	1,324.36	4.7274	26.3367	1.8194	11.1940	54.977		
9	3.8919	118.33	1,322.49	4.7136	26.0321	1.8128	11.2143	54.939		
14	3.9280	117.66	1,332.53	4.7508	25.8485	1.8008	11.3118	55.453		

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 Feb.	75.0888	1.5390	15.9479	1.1335	35.983	6.0679	0.85835	1.1416
Mar.	72.8564	1.5214	16.2642	1.1181	35.632	6.3446	0.85830	1.1235
Apr.	72.2099	1.5263	16.0224	1.1437	35.802	6.6913	0.86248	1.1218
May	72.9053	1.5378	16.3834	1.1214	35.282	6.5270	0.88693	1.1151
June	71.5975	1.5395	16.1218	1.1105	34.897	6.5655	0.89655	1.1380
July	70.8041	1.5261	15.8634	1.1041	34.273	6.1610	0.91623	1.1151
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
2020 Mar. 19	86.9346	1.5643	18.6800	1.0535	35.076	7.0625	0.92985	1.0801
20	85.1038	1.5515	18.5127	1.0546	34.851	6.9806	0.91028	1.0707
23	86.0800	1.5745	19.0140	1.0590	35.438	7.1016	0.92970	1.0783
24	85.1561	1.5692	19.0754	1.0572	35.533	7.0110	0.92100	1.0843
25	84.8015	1.5651	18.8478	1.0602	35.491	6.9672	0.91503	1.0827
26	85.3100	1.5759	19.1484	1.0634	35.836	7.0407	0.91348	1.0981
27	86.3819	1.5762	19.3415	1.0581	35.769	7.0935	0.89743	1.0977
30	88.1385	1.5732	19.7286	1.0571	36.081	7.2475	0.88900	1.1034
31	85.9486	1.5633	19.6095	1.0585	35.925	7.2063	0.88643	1.0956
Apr. 1	86.4750	1.5689	19.6619	1.0564	36.111	7.2925	0.88460	1.0936
2	85.8405	1.5617	20.1770	1.0551	35.961	7.2665	0.87738	1.0906
3	82.8075	1.5489	20.2642	1.0547	35.601	7.2296	0.87850	1.0785
6	82.4810	1.5480	20.3534	1.0560	35.459	7.3136	0.87800	1.0791
7	82.5675	1.5501	19.9838	1.0582	35.665	7.3562	0.88093	1.0885
8	82.1046	1.5517	19.7624	1.0557	35.613	7.3798	0.87948	1.0871
9	80.6900	1.5479	19.6383	1.0558	35.665	7.3233	0.87565	1.0867
14	80.3923	1.5521	20.0255	1.0543	35.860	7.4472	0.87253	1.0963

* 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							
		Bulgaria	Croatia	Czechia	Denmark	Hungary	Poland	Romania	Sweden
Period	Bulgarian lev BGN	Kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	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 Feb.	1.9558	7.4399	25.320	7.4457	311.74	4.1653	4.6559	9.9384	
Mar.	1.9558	7.4384	25.429	7.4490	312.19	4.2092	4.6613	10.1608	
Apr.	1.9558	7.4209	25.365	7.4479	311.72	4.1937	4.6578	10.3717	
May	1.9558	7.3912	25.640	7.4482	316.93	4.2850	4.6404	10.3419	
June	1.9558	7.3822	25.778	7.4493	322.70	4.3038	4.6623	10.2788	
July	1.9558	7.3971	25.850	7.4523	324.60	4.3239	4.6504	10.3076	
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	

		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	
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 Feb.	1.5684	4.0109	1.5526	7.8068	9.6585	124.69	79.5615	16,793.74	
Mar.	1.5889	4.0426	1.5943	7.7982	9.6726	122.82	80.2526	16,973.10	
Apr.	1.5972	4.1815	1.5622	7.7347	9.6350	122.30	80.6548	16,959.01	
May	1.5695	4.2912	1.5197	7.5291	9.2712	122.83	79.7891	16,594.39	
June	1.5579	4.4049	1.5327	7.5512	9.1642	124.76	79.1601	16,393.39	
July	1.5792	4.4765	1.5356	7.8504	9.1708	124.41	80.2996	16,836.55	
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	78.0779	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	

* 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 Feb.	4.3173	133.29	1,331.47	4.8318	23.0251	1.6892	9.6712	64.123
Mar.	4.2775	130.86	1,321.99	4.8155	22.9932	1.7001	9.5848	64.289
Apr.	4.3425	132.16	1,312.94	4.7734	22.5610	1.6942	9.6202	63.901
May	4.2397	129.57	1,272.38	4.6891	23.0985	1.6996	9.5642	61.746
June	4.2096	128.53	1,277.93	4.6717	23.7134	1.6822	9.4746	62.038
July	4.2595	130.23	1,313.03	4.7327	22.2481	1.7220	9.4975	62.394
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

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
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 Feb.	70.2041	1.6294	14.6041	1.1542	38.888	4.6710	0.88396	1.2348
Mar.	70.5195	1.6222	14.6218	1.1685	38.581	4.7993	0.88287	1.2336
Apr.	75.0983	1.6156	14.8756	1.1890	38.451	5.0003	0.87212	1.2276
May	73.6504	1.5819	14.8182	1.1780	37.781	5.2501	0.87726	1.1812
June	73.2934	1.5737	15.5262	1.1562	37.930	5.4073	0.87886	1.1678
July	73.3942	1.5931	15.6599	1.1622	38.894	5.5748	0.88726	1.1686
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

* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. 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 *

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 ¹	Czechia Czech koruna CZK	Denmark Danish krone DKK	Estonia Estonian kroon EEK ¹	Hungary Hungarian forint HUF	Latvia Latvian lats LVL ¹	Lithuania Lithuanian litas LTL ¹
End of year									
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	–	–
Annual averages ⁺									
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 ¹	Poland Polish zloty PLN	Romania Romanian leu RON	Slovakia Slovak koruna SKK ¹	Slovenia Slovenian tolar SIT ¹	Sweden Swedish krona SEK	Australia Australian dollar AUD	Brazil Brazilian real BRL ²	Canada Canadian dollar CAD	China Chinese yuan renminbi CNY
End of year										
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
Annual averages ⁺										
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. ¹ Accession to the euro area, see p. 7 (Table I. 1.). ² 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 ¹	India Indian rupee INR ²	Indonesia Indonesian rupiah IDR	Israel New shekel ILS ³	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW	Malaysia Malaysian ringgit MYR	Mexico Mexican peso MXN ⁴	New Zealand New Zealand dollar NZD
End of year										
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
Annual averages +										
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

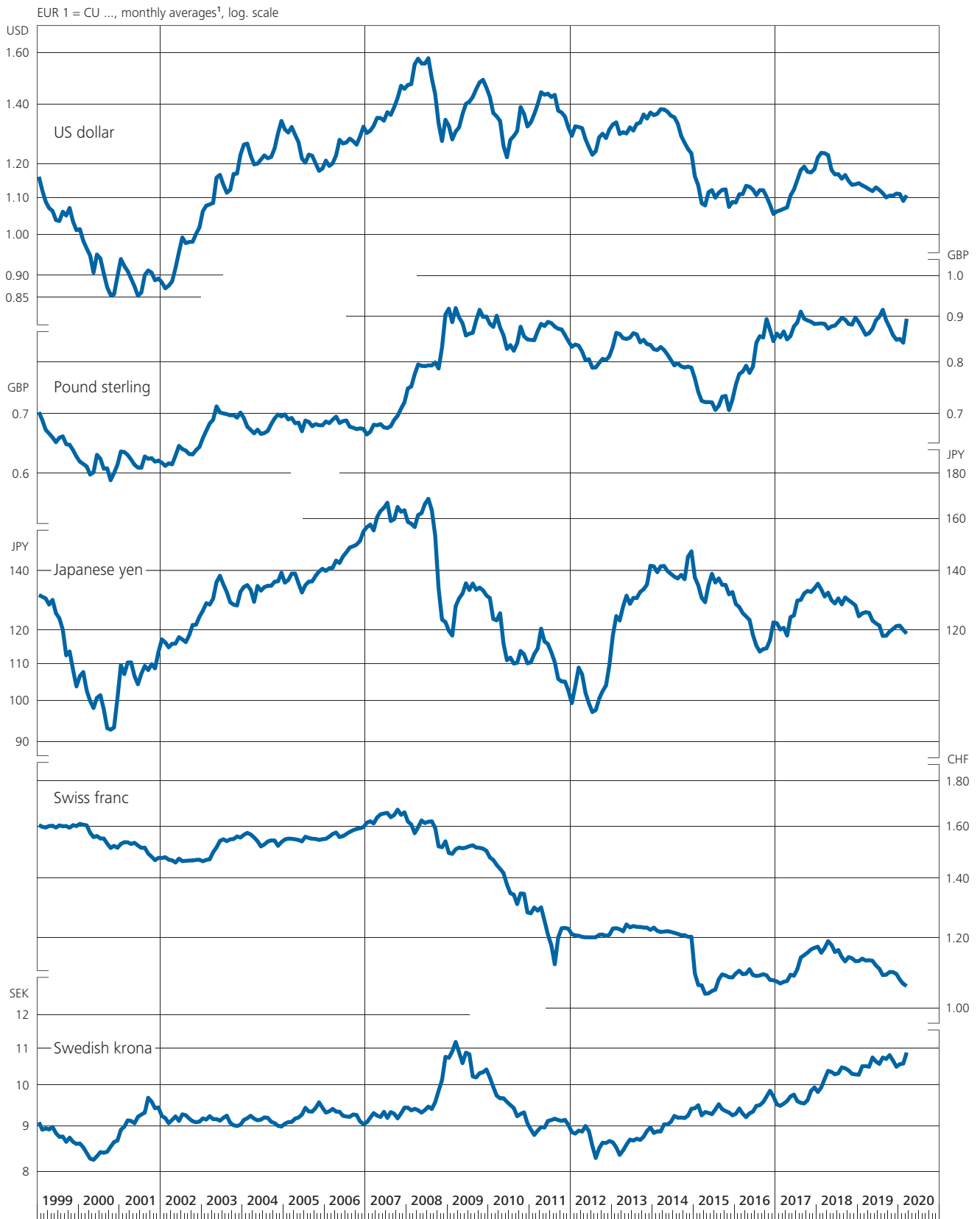
Other European and non-European countries (cont'd)										
Period	Norway Norwegian krona NOK	Philippines Philippine peso PHP	Russian Federation Russian rouble RUB	Singapore Singapore dollar SGD	South Africa South African rand ZAR	Switzerland Swiss franc CHF	Thailand Thai baht THB	Turkey Turkish lira ⁵ TRY	United Kingdom ⁶ Pound sterling GBP	United States US dollar USD
End of year										
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
Annual averages +										
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. ¹ The ECB did not fix euro foreign exchange reference rates for the Icelandic krona from 4 December 2008 to 31 January 2018. ² Up to December 2008, ECB indicative rates. ³ Up to

December 2010, ECB indicative rates. ⁴ Up to December 2007, ECB indicative rates. ⁵ Up to end-2008, New Turkish lira. ⁶ 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

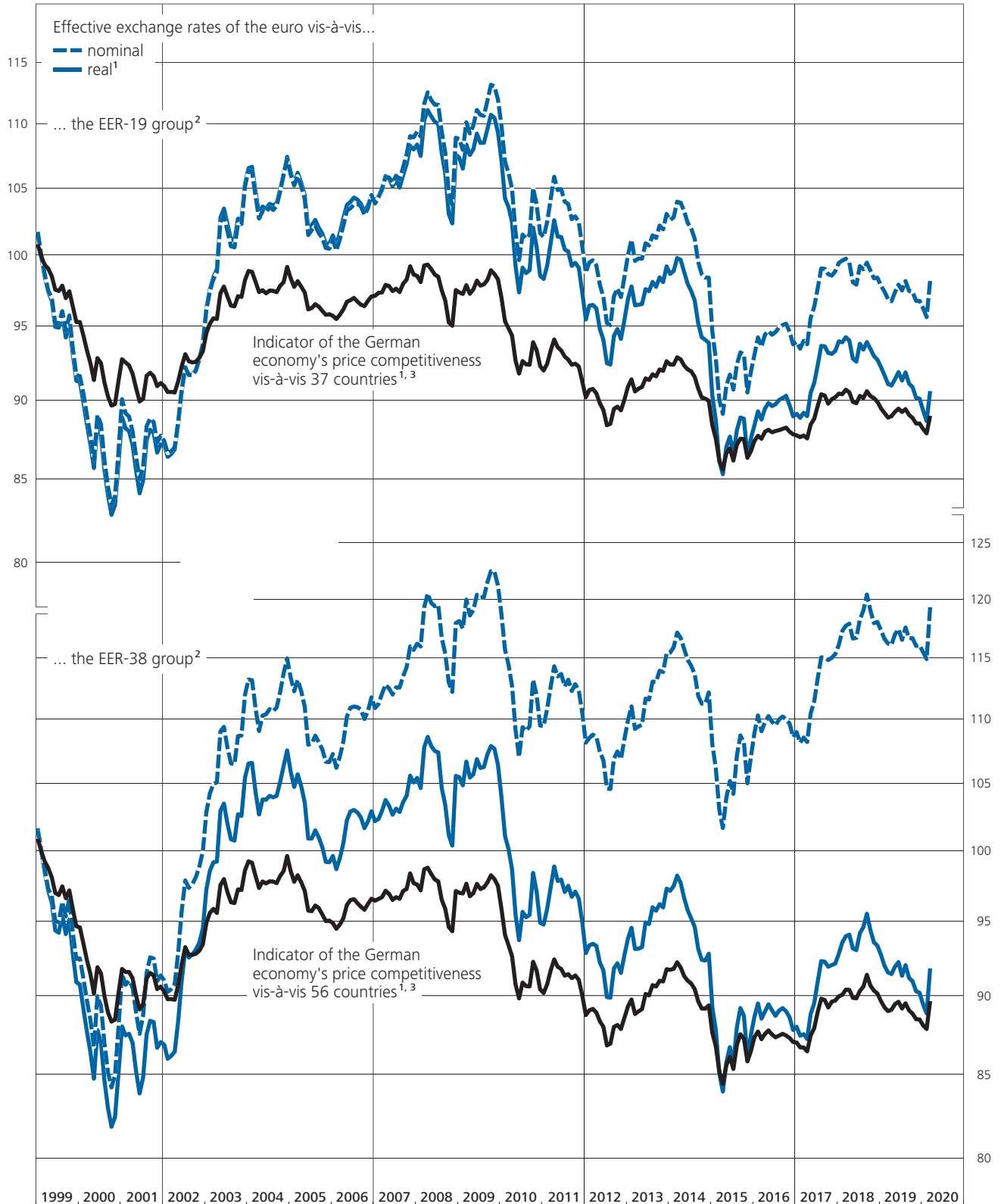


* See explanatory notes, p. 48. ¹ Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB.

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. * For more detailed information on methodology and definition of country groups, see Explanatory notes, pp. 48-49. A decline in the figures implies an increase in competitiveness. ¹ Based on consumer price indices. ² Includes the 19 respectively 38 most important trading partners of the euro area economy. ³ Includes the 37 respectively 56 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-38 ^{1 2}		
Yearly, quarterly or monthly average	EER-19 ¹		EER-38 ^{1 2}		EER-38 ^{1 2}		In real terms based on consumer price indices
	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	96.0	96.5	95.8	
2000	87.2	86.7	85.9	85.5	88.0	85.8	
2001	87.8	87.0	86.6	86.4	90.6	86.8	
2002	90.1	90.0	89.5	89.8	95.2	90.4	
2003	100.7	101.1	100.5	100.8	107.1	101.2	
2004	104.6	104.8	103.3	104.1	111.7	104.9	
2005	102.9	103.3	101.1	102.0	109.6	102.3	
2006	102.8	103.2	100.4	100.8	109.6	101.5	
2007	106.1	105.8	102.2	103.0	113.0	103.4	
2008	109.3	107.9	103.5	106.3	117.1	105.3	
2009	110.7	108.7	104.4	111.7	120.2	106.4	
2010	103.6	101.0	96.2	103.6	111.6	97.4	
2011	103.3	99.9	94.1	101.9	112.3	96.9	
2012	97.7	94.7	88.6	95.8	107.2	92.0	
2013	101.0	97.5	91.3	98.4	111.8	94.9	
2014	101.4	97.1	91.3	99.3	114.1	95.2	
2015	91.7	87.6	83.0	89.0	105.7	87.0	
2016	94.4	89.5	85.2	^p 89.9	109.7	^p 88.9	
2017	96.6	91.4	86.0	^p 90.3	112.0	^p 90.0	
2018	98.9	93.4	87.2	^p 91.3	117.9	^p 93.8	
2019	97.3	91.2	85.7	^p 88.8	116.7	^p 91.5	
2018 Apr.	99.5	94.0			117.9	^p 94.1	
May	98.1	92.8	86.9	^p 91.0	116.6	^p 93.1	
June	97.9	92.6			116.7	^p 93.0	
July	99.2	93.8			118.2	^p 94.2	
Aug.	99.0	93.4	87.3	^p 91.7	119.0	^p 94.6	
Sep.	99.5	93.9			120.4	^p 95.5	
Oct.	98.9	93.4			119.0	^p 94.4	
Nov.	98.3	92.9	86.8	^p 90.7	117.9	^p 93.5	
Dec.	98.4	92.7			118.0	^p 93.3	
2019 Jan.	97.8	92.2			117.3	^p 92.7	
Feb.	97.4	91.7	85.7	^p 89.2	116.6	^p 92.0	
Mar.	96.9	91.1			116.2	^p 91.5	
Apr.	96.7	91.0			116.1	^p 91.4	
May	97.4	91.4	85.6	^p 88.9	117.0	^p 91.9	
June	97.9	91.9			117.4	^p 92.2	
July	97.5	91.3			116.5	^p 91.3	
Aug.	98.1	91.8	86.0	^p 89.1	117.6	^p 92.0	
Sep.	97.4	91.1			116.7	^p 91.2	
Oct.	97.4	90.9			116.6	^p 90.9	
Nov.	96.7	90.2	85.5	^p 88.2	116.0	^p 90.3	
Dec.	96.7	90.1			116.0	^p 90.2	
2020 Jan.	96.2	^p 89.3			115.5	^p 89.4	
Feb.	95.6	^p 88.7	...	...	114.9	^p 88.8	
Mar.	98.1	^p 90.6			119.3	^p 91.8	
2020 Mar. 16	98.8	-	-	-	120.3	-	
17	98.2	-	-	-	119.5	-	
18	98.5	-	-	-	120.1	-	
19	98.7	-	-	-	120.1	-	
20	97.6	-	-	-	118.7	-	
23	98.5	-	-	-	120.1	-	
24	98.6	-	-	-	120.1	-	
25	98.4	-	-	-	119.8	-	
26	98.9	-	-	-	120.4	-	
27	98.6	-	-	-	120.2	-	
30	98.8	-	-	-	120.7	-	
31	98.4	-	-	-	120.2	-	
Apr. 1	98.3	-	-	-	120.2	-	
2	98.0	-	-	-	119.9	-	
3	97.5	-	-	-	119.1	-	
6	97.5	-	-	-	119.2	-	
7	97.6	-	-	-	119.3	-	
8	97.6	-	-	-	119.3	-	
9	97.4	-	-	-	118.9	-	
14	97.7	-	-	-	119.3	-	

ECB calculation. * For information on methodology and grouping of countries, see Explanatory notes, pp. 48-49. 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 38 most important trading partners for the euro area economy. ² Due to the redenomination of the Venezuelan bolivar on 20 August 2018, the spot rate from 17 August 2018 is used since then.

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	56 countries ²
	Total	of which:			Total	of which:		37 countries ²		
		Euro area countries	Non-euro area countries	Euro area countries		Non-euro area countries				
1999	97.9	99.6	95.8	97.6	98.2	100.1	95.9	98.0	97.7	
2000	91.9	97.4	85.3	91.0	93.0	99.0	85.8	92.0	90.9	
2001	91.8	96.5	86.2	90.3	93.0	98.1	86.9	91.4	90.8	
2002	92.5	95.6	88.7	90.8	93.5	96.9	89.5	91.9	91.7	
2003	95.9	94.7	98.0	95.1	97.0	95.7	99.1	96.5	96.7	
2004	96.1	93.5	100.3	95.3	98.4	95.4	102.8	97.9	98.2	
2005	94.8	92.0	99.3	93.0	98.4	95.2	103.2	96.8	96.5	
2006	93.6	90.4	98.8	91.3	98.5	94.9	104.1	96.4	95.8	
2007	94.5	89.7	102.6	91.6	100.8	95.3	109.7	97.8	97.0	
2008	94.7	88.3	105.8	90.7	102.1	94.6	114.8	97.8	97.0	
2009	95.1	89.2	105.3	91.4	101.7	94.5	113.8	97.9	97.4	
2010	92.5	88.8	98.8	87.5	98.7	94.1	106.0	93.6	91.9	
2011	92.1	88.5	98.1	86.6	98.1	93.7	105.0	92.7	91.3	
2012	90.2	88.4	93.0	83.9	95.9	93.3	99.7	89.7	88.2	
2013	92.4	88.8	98.2	85.8	98.1	93.3	105.7	91.4	90.1	
2014	93.1	89.7	98.5	86.5	98.2	93.6	105.4	91.6	90.7	
2015	90.1	90.4	89.6	82.6	94.6	94.1	95.1	86.9	86.2	
2016	90.8	90.7	91.0	84.0	95.3	94.1	96.7	87.9	87.4	
2017	91.8	90.6	93.7	84.6	96.6	94.3	99.9	89.0	88.3	
2018	92.8	90.5	96.4	85.3	97.9	94.4	103.3	90.3	90.3	
2019	P 91.9	P 90.7	93.7	P 84.5	96.6	94.3	100.1	89.1	P 89.1	
2016 Dec.					95.2	94.4	96.1	87.8	P 87.0	
2017 Jan.					95.2	94.2	96.5	87.7	P 87.0	
Feb.	90.3	90.4	90.1	83.2	95.1	94.3	96.0	87.6	P 86.7	
Mar.					95.2	94.2	96.6	87.7	P 86.7	
Apr.					95.0	94.1	96.1	87.5	P 86.4	
May	91.2	90.6	92.1	84.0	95.9	94.2	98.3	88.4	P 87.5	
June					96.3	94.2	99.4	88.8	P 87.9	
July					97.1	94.4	101.1	89.6	P 88.9	
Aug.	92.8	90.7	96.1	85.6	97.9	94.4	103.1	90.4	P 89.8	
Sep.					97.8	94.3	103.0	90.3	P 89.7	
Oct.					97.4	94.0	102.5	89.8	P 89.2	
Nov.	92.9	90.5	96.5	85.4	97.8	94.4	103.0	90.1	P 89.6	
Dec.					98.0	94.4	103.4	90.2	P 89.7	
2018 Jan.					98.3	94.3	104.6	90.4	P 90.0	
Feb.	93.3	90.5	97.9	85.6	98.3	94.3	104.6	90.4	P 90.1	
Mar.					98.6	94.4	104.9	90.7	P 90.4	
Apr.					98.5	94.4	105.0	90.5	P 90.4	
May	92.9	90.5	96.6	85.0	98.0	94.4	103.4	89.9	P 89.9	
June					97.7	94.4	102.7	89.8	P 89.8	
July					97.6	94.1	102.9	90.3	P 90.3	
Aug.	92.6	90.4	96.0	85.3	97.5	94.3	102.4	90.2	P 90.6	
Sep.					97.9	94.5	103.0	90.6	P 91.4	
Oct.					97.5	94.4	102.1	90.3	P 90.7	
Nov.	92.4	90.6	95.2	85.1	97.4	94.5	101.7	90.1	P 90.3	
Dec.					97.3	94.4	101.8	89.9	P 90.1	
2019 Jan.					97.0	94.1	101.1	89.5	P 89.6	
Feb.	92.1	90.6	94.5	84.6	96.8	94.1	100.9	89.2	P 89.2	
Mar.					96.6	94.1	100.3	88.9	P 89.0	
Apr.					96.8	94.4	100.3	89.0	P 89.1	
May	92.0	90.7	94.0	84.5	96.9	94.4	100.4	89.3	P 89.4	
June					97.0	94.4	101.0	89.5	P 89.6	
July					96.9	94.5	100.6	89.2	P 89.2	
Aug.	91.8	90.7	93.4	84.5	96.7	94.3	100.3	89.4	P 89.5	
Sep.					96.4	94.3	99.2	89.0	P 89.0	
Oct.					96.3	94.3	99.3	88.9	P 88.8	
Nov.	P 91.6	P 90.9	92.7	P 84.4	96.1	94.3	98.8	88.5	P 88.5	
Dec.					96.1	94.3	98.6	88.5	P 88.5	
2020 Jan.					96.1	94.4	98.5	P 88.1	P 88.1	
Feb.	...	...	...	...	P 95.8	P 94.5	P 97.5	P 87.9	P 87.8
Mar.					P 96.5	P 94.3	P 99.6	P 89.0	P 89.7	

* For information on methodology and grouping of countries, see Explanatory notes, pp. 48-49. A decline in the figures implies an increase in competitiveness. Where current price and wage indices were not available, 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 56 most important trading partners for the German economy.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month			
					January 2020	February 2020	March 2020	
Afghanistan								
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 77.7425	AFN 76.3800	AFN 74.9625	AFN 76.6250	
		S	USD 1 =	AFN 77.8425	AFN 76.4800	AFN 75.0625	AFN 76.7250	
	AFN	B	EUR 1 =	AFN 86.8579	AFN 84.3245	AFN 82.6057	AFN 83.7200	
		S	EUR 1 =	AFN 87.1179	AFN 84.5845	AFN 82.8657	AFN 83.9800	
	Albania							
	Tirana 070	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 109.89	ALL 110.71	ALL 111.99	ALL 118.75
M			EUR 1 =	ALL 123.10	ALL 122.13	ALL 122.48	ALL 130.66	
Algeria								
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 119.3708	DZD 119.9744	DZD 120.0060	DZD 125.1880	
		S	USD 1 =	DZD 119.3858	DZD 119.9894	DZD 120.0210	DZD 125.2030	
	DZD	B	EUR 1 =	DZD 133.6219	DZD 132.2718	DZD 132.4626	DZD 136.8054	
		S	EUR 1 =	DZD 133.6725	DZD 132.3243	DZD 132.5272	DZD 136.8719	
Angola ¹								
Luanda 330	Kwanza = 100 cêntimos	B	USD 1 =	AOA 372.022	AOA 490.790	AOA 487.654	AOA 531.259	
		S	USD 1 =	AOA 377.658	AOA 500.806	AOA 497.606	AOA 542.101	
	AOA	B	EUR 1 =	AOA 415.985	AOA 541.440	AOA 538.175	AOA 582.738	
		S	EUR 1 =	AOA 422.157	AOA 552.289	AOA 548.959	AOA 594.414	
Antigua and Barbuda								
St John's 459	East Caribbean dollar = 100 cents	2 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882	
		2 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169	
	XCD	V, B	EUR 1 =	XCD 3.0094	XCD 2.9710	XCD 2.9508	XCD 2.9452	
		V, S	EUR 1 =	XCD 3.0416	XCD 3.0027	XCD 2.9823	XCD 2.9766	
Argentina ¹								
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 48.0341	ARS 60.1500	ARS 62.0100	ARS 64.2690	
		S	USD 1 =	ARS 48.2341	ARS 60.3500	ARS 62.2100	ARS 64.4690	
	ARS	B	EUR 1 =	ARS 53.6198	ARS 66.5921	ARS 68.1242	ARS 70.7666	
		S	EUR 1 =	ARS 53.9640	ARS 66.9644	ARS 68.4994	ARS 71.1480	
Armenia								
Yerevan 077	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 480.30	AMD 478.60	AMD 478.60	AMD 504.47	
		M	EUR 1 =	AMD 537.96	AMD 527.80	AMD 528.57	AMD 553.45	
Aruba								
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 196.46	AWG 196.23	AWG 194.86	
		S	EUR 100 =	AWG 201.37	AWG 198.43	AWG 198.20	AWG 196.81	

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		
					January 2020	February 2020	March 2020
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.6952	USD 0.6724	USD 0.6524	USD 0.6175
		M	AUD 1 =	EUR 0.6220	EUR 0.6099	EUR 0.5934	EUR 0.5605
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
Azerbaijan							
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 1.8742	AZN 1.8688	AZN 1.8737
Bahamas							
Nassau 453	Bahamian dollar = 100 cents BSD	2 B	USD 1 =	BSD 0.9950	BSD 0.9950	BSD 0.9950	BSD 0.9950
		2 S	USD 1 =	BSD 1.0125	BSD 1.0125	BSD 1.0125	BSD 1.0125
		V, B	EUR 1 =	BSD 1.11390	BSD 1.09967	BSD 1.09221	BSD 1.09012
		V, S	EUR 1 =	BSD 1.13349	BSD 1.11902	BSD 1.11142	BSD 1.10930
Bahrain							
Manama 640	Bahraini dinar = 1,000 fils BHD	2 B	USD 1 =	BHD 0.37425	BHD 0.37425	BHD 0.37425	BHD 0.37425
		2 S	USD 1 =	BHD 0.37785	BHD 0.37785	BHD 0.37785	BHD 0.37785
		B	EUR 1 =	BHD 0.4095324	BHD 0.4028604	BHD 0.4000086	BHD 0.4029186
		S	EUR 1 =	BHD 0.4348643	BHD 0.4277796	BHD 0.4247514	BHD 0.4278414
Bangladesh ¹							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 84.4875	BDT 84.9000	BDT 84.9500	BDT 84.9500
		S	USD 1 =	BDT 84.4875	BDT 84.9000	BDT 84.9500	BDT 84.9500
		B	EUR 1 =	BDT 94.4087	BDT 93.4664	BDT 92.4171	BDT 91.6356
		S	EUR 1 =	BDT 94.4389	BDT 93.5004	BDT 92.4511	BDT 91.6695
Barbados							
Bridgetown 469	Barbados dollar = 100 cents BBD	2 B	USD 1 =	BBD 1.99375	BBD 1.99375	BBD 1.99375	BBD 1.99375
		2 S	USD 1 =	BBD 2.02768	BBD 2.02768	BBD 2.02768	BBD 2.02768
		B	EUR 1 =	BBD 2.22660	BBD 2.19694	BBD 2.18847	BBD 2.19604
		S	EUR 1 =	BBD 2.26834	BBD 2.23812	BBD 2.22950	BBD 2.23721
Belarus							
Minsk 073	Belarusian rouble = 100 kopecks BYN	M	USD 1 =	BYN 2.0921	BYN 2.1377	BYN 2.2391	BYN 2.6023
		M	EUR 1 =	BYN 2.3430	BYN 2.3539	BYN 2.4675	BYN 2.8793

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		
					January 2020	February 2020	March 2020
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
Belize							
Belmopan 421	Belize dollar = 100 cents	² B	USD 1 =	BZD 1.9825	BZD 1.9825	BZD 1.9825	BZD 1.9825
		² S	USD 1 =	BZD 2.0175	BZD 2.0175	BZD 2.0175	BZD 2.0175
	B	EUR 1 =	BZD 2.2193	BZD 2.1917	BZD 2.1770	BZD 2.1744	
	BZD	S	EUR 1 =	BZD 2.2585	BZD 2.2303	BZD 2.2154	BZD 2.2128
Benin ¹							
Porto-Novo Seat of government: Cotonou 284	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 593.519	XOF 597.574	XOF 598.719
		³	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Bermuda							
Hamilton 413	Bermudian dollar = 100 cents	² B	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
		² S	USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
	V, B	EUR 1 =	BMD 1.1150	BMD 1.1008	BMD 1.0933	BMD 1.0912	
	V, S	EUR 1 =	BMD 1.1243	BMD 1.1100	BMD 1.1024	BMD 1.1003	
Bhutan ¹							
Thimphu 675	Ngultrum = 100 chhetrum	B	USD 1 =	BTN 69.42	BTN 70.50	BTN 70.55	BTN 74.35
		S	USD 1 =	BTN 71.58	BTN 72.65	BTN 72.75	BTN 76.70
	B	EUR 1 =	BTN 77.58	BTN 77.55	BTN 77.15	BTN 82.20	
	S	EUR 1 =	BTN 79.73	BTN 79.70	BTN 79.30	BTN 84.50	
Bolivia, Plurinational State of							
Sucre Seat of government: La Paz 516	Boliviano = 100 centavos BOB	B	USD 1 =	BOB 6.86	BOB 6.86	BOB 6.86	BOB 6.86
		S	USD 1 =	BOB 6.96	BOB 6.96	BOB 6.96	BOB 6.96
		V, B	EUR 1 =	BOB 7.6777	BOB 7.5817	BOB 7.5302	BOB 7.5158
		V, S	EUR 1 =	BOB 7.7896	BOB 7.6922	BOB 7.6400	BOB 7.6254
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga	B	USD 1 =	BAM 1.745661	BAM 1.768919	BAM 1.777299	BAM 1.768117
		S	USD 1 =	BAM 1.754412	BAM 1.777785	BAM 1.786207	BAM 1.776979
	BAM	³	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583
Botswana							
Gaborone 391	Pula = 100 thebe	B	BWP 1 =	USD 0.0932	USD 0.0915	USD 0.0896	USD 0.0839
		S	BWP 1 =	USD 0.0930	USD 0.0913	USD 0.0894	USD 0.0837
	B	BWP 1 =	EUR 0.0832	EUR 0.0828	EUR 0.0815	EUR 0.0798	
	S	BWP 1 =	EUR 0.0830	EUR 0.0826	EUR 0.0813	EUR 0.0796	

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. ³ Value against the euro.

IV. Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					January 2020	February 2020	March 2020
Brazil							
Brasília 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 3.9450	BRL 4.2689	BRL 4.4981	BRL 5.1981
		S	USD 1 =	BRL 3.9456	BRL 4.2695	BRL 4.4987	BRL 5.1987
	BRL	B	EUR 1 =	BRL 4.4095	BRL 4.7291	BRL 4.9403	BRL 5.7247
		S	EUR 1 =	BRL 4.4114	BRL 4.7315	BRL 4.9427	BRL 5.7264
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3544	BND 1.3523	BND 1.3892	BND 1.4141
		S	USD 1 =	BND 1.3727	BND 1.3704	BND 1.4074	BND 1.4349
	BND	B	EUR 1 =	BND 1.4998	BND 1.4767	BND 1.5106	BND 1.5422
		S	EUR 1 =	BND 1.5546	BND 1.5309	BND 1.5654	BND 1.5974
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.74707	BGN 1.76966	BGN 1.78175	BGN 1.78517
		2	EUR 1 =	BGN 1.95583	BGN 1.95583	BGN 1.95583	BGN 1.95583
Burkina Faso ¹							
Ouagadougou 236	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 593.519	XOF 597.574	XOF 598.719
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Burundi							
Gitega 328	Burundi franc = 100 centimes BIF	B	USD 1 =	BIF 1,830.0200	BIF 1,868.7735	BIF 1,873.8720	BIF 1,883.6592
		S	USD 1 =	BIF 1,866.9901	BIF 1,906.5265	BIF 1,911.7280	BIF 1,914.0408
	BIF	B	EUR 1 =	BIF 2,048.8141	BIF 2,059.8556	BIF 2,061.5403	BIF 2,074.8506
		S	EUR 1 =	BIF 2,090.2042	BIF 2,101.4688	BIF 2,103.1875	BIF 2,108.3159
Cabo Verde							
Praia 247	Cabo Verde escudo = 100 centavos CVE	B	USD 1 =	CVE 98.564	CVE 99.876	CVE 100.469	CVE 99.83103
		S	USD 1 =	CVE 98.766	CVE 100.078	CVE 100.671	CVE 100.03303
	2	EUR 1 =	CVE 110.265	CVE 110.265	CVE 110.265	CVE 110.265	
Cambodia							
Phnom Penh 696	Riel = 100 sen KHR	M	USD 1 =	KHR 4,055	KHR 4,050	KHR 4,070	KHR 4,070
		B	EUR 1 =	KHR 4,538	KHR 4,466	KHR 4,476	KHR 4,490
	S	EUR 1 =	KHR 4,583	KHR 4,511	KHR 4,521	KHR 4,535	
Cameroon ¹							
Yaoundé 302	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 593.519	XAF 597.574	XAF 598.719
		2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Canada							
Ottawa 404	Canadian dollar = 100 cents CAD	M	USD 1 =	CAD 1.3269	CAD 1.3233	CAD 1.3429	CAD 1.4187
		M	EUR 1 =	CAD 1.4807	CAD 1.4653	CAD 1.4766	CAD 1.5584

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 ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					January 2020	February 2020	March 2020
Cayman Islands							
George Town 463	Cayman Islands dollar = 100 cents KYD	2	KYD 1 =	USD 1.20	USD 1.20	USD 1.20	USD 1.20
		V	EUR 1 =	KYD 0.9329	KYD 0.9210	KYD 0.9148	KYD 0.9130
Central African Republic ¹							
Bangui 306	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 593.519	XAF 597.574	XAF 598.719
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chad ¹							
N'Djaména 244	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 593.519	XAF 597.574	XAF 598.719
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chile							
Santiago 512	Chilean peso = 100 centavos CLP	M	USD 1 =	CLP 704.01	CLP 797.96	CLP 816.26	CLP 846.30
		M	EUR 1 =	CLP 787.30	CLP 880.26	CLP 895.41	CLP 932.56
China							
Beijing 720	Chinese renminbi ⁴ 1 yuan (renminbi) = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.8999	CNY 6.8876	CNY 7.0066	CNY 7.0851
		M	EUR 1 =	CNY 7.7181	CNY 7.6400	CNY 7.7059	CNY 7.8088
		M	HKD 1 =	CNY 0.87996	CNY 0.88593	CNY 0.89866	CNY 0.91370
China (Taiwan)							
Taipei 736	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 30.830	TWD 30.140	TWD 30.200	TWD 30.175
		S	USD 1 =	TWD 30.930	TWD 30.240	TWD 30.300	TWD 30.275
		B	EUR 1 =	TWD 34.40	TWD 33.09	TWD 32.84	TWD 33.04
		S	EUR 1 =	TWD 34.80	TWD 33.49	TWD 33.24	TWD 33.44
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	M	USD 1 =	COP 3,285.734	COP 3,411.45	COP 3,507.11	COP 4,064.81
		V, M	EUR 1 =	COP 3,675.671	COP 3,770.335	COP 3,849.755	COP 4,453.406
Comoros							
Moroni 375	Comorian franc = 100 centimes KMF	V	USD 1 =	KMF 439.45310	KMF 445.13912	KMF 448.18051	KMF 449.03957
		3	EUR 1 =	KMF 491.96775	KMF 491.96775	KMF 491.96775	KMF 491.96775
Congo ¹							
Brazzaville 318	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 593.519	XAF 597.574	XAF 598.719
		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. ¹ See Explanatory notes on individual countries, pp. 53 ff.

² Value against the US dollar. ³ Value against the euro. ⁴ Currency amounts are denoted using the designation yuan (renminbi).

IV. Overview of world currencies *

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

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					January 2020	February 2020	March 2020
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 1,615.5594	CDF 1,650.2983	CDF 1,656.7333	CDF 1,672.8591
		S	USD 1 =	CDF 1,681.6740	CDF 1,717.6574	CDF 1,724.3550	CDF 1,741.1391
	CDF	B	EUR 1 =	CDF 1,811.0131	CDF 1,815.8009	CDF 1,790.1592	CDF 1,843.4020
		S	EUR 1 =	CDF 1,884.9217	CDF 1,889.9152	CDF 1,863.2269	CDF 1,918.6429
Cook Islands ¹							
Avarua 837	Cook Islands dollar ² = 100 cents NZD	B	NZD 1 =	EUR 0.6042	EUR 0.6034	EUR 0.5837	EUR 0.5603
		S	NZD 1 =	EUR 0.5779	EUR 0.5769	EUR 0.5579	EUR 0.5353
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 582.03	CRC 567.06	CRC 565.87	CRC 579.50
		S	USD 1 =	CRC 588.40	CRC 573.36	CRC 572.33	CRC 587.37
	CRC	V, B	EUR 1 =	CRC 651.7240	CRC 626.7147	CRC 621.1555	CRC 634.9002
		V, S	EUR 1 =	CRC 658.8577	CRC 633.6775	CRC 628.2466	CRC 643.5226
Côte d'Ivoire ¹							
Yamoussoukro Seat of government: Abidjan 272	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 593.519	XOF 597.574	XOF 598.719
		³	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Croatia							
Zagreb 092	Kuna = 100 lipa	B	USD 1 =	HRK 6.601452	HRK 6.733492	HRK 6.738456	HRK 6.855596
		S	USD 1 =	HRK 6.641180	HRK 6.774014	HRK 6.779008	HRK 6.896854
	HRK	B	EUR 1 =	HRK 7.394331	HRK 7.415594	HRK 7.434538	HRK 7.586403
		S	EUR 1 =	HRK 7.438830	HRK 7.460222	HRK 7.479280	HRK 7.632059
Cuba ¹							
Havana 448	Convertible peso/ Cuban peso = 100 centavos	⁴ B	CUC 1 =	USD 1.01009	USD 1.01009	USD 1.01009	USD 1.01009
		⁴ S	CUC 1 =	USD 0.99010	USD 0.99010	USD 0.99010	USD 0.99010
	CUC/CUP	B	EUR 1 =	CUC 1.10740	CUC 1.09231	CUC 1.08766	CUC 1.09201
		S	EUR 1 =	CUC 1.12978	CUC 1.11439	CUC 1.10964	CUC 1.11409
Curaçao							
Willemstad 477	Netherlands Antillean guilder = 100 cents	⁴ B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		⁴ S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 199.40	ANG 196.47	ANG 196.24	ANG 194.86
		S	EUR 100 =	ANG 203.42	ANG 200.43	ANG 200.19	ANG 198.79
Cyprus							
Nicosia 600	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
Czechia							
Prague 061	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 22.934	CZK 22.810	CZK 23.124	CZK 24.943
		M	EUR 1 =	CZK 25.659	CZK 25.210	CZK 25.390	CZK 27.325

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 New Zealand dollar. ³ Value against the euro. ⁴ Value against the US dollar.

IV. Overview of world currencies *

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

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					January 2020	February 2020	March 2020
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 667.03	DKK 676.18	DKK 680.72	DKK 681.58
		M	EUR 100 =	DKK 746.59	DKK 747.31	DKK 747.23	DKK 746.74
Djibouti							
Djibouti 338	Djibouti franc = 100 centimes DJF	2 B	USD 1 =	DJF 176.832	DJF 176.832	DJF 176.832	DJF 176.832
		2 S	USD 1 =	DJF 179.498	DJF 179.498	DJF 179.498	DJF 179.498
		B	EUR 1 =	DJF 196.37	DJF 193.30	DJF 194.46	DJF 193.39
		S	EUR 1 =	DJF 203.98	DJF 200.85	DJF 202.05	DJF 200.94
Dominica							
Roseau 460	East Caribbean dollar = 100 cents XCD	2 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		2 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
		V, B	EUR 1 =	XCD 3.0094	XCD 2.9710	XCD 2.9508	XCD 2.9452
		V, S	EUR 1 =	XCD 3.0416	XCD 3.0027	XCD 2.9823	XCD 2.9766
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 50.9676	DOP 52.7998	DOP 53.0990	DOP 53.6755
		S	USD 1 =	DOP 51.4344	DOP 53.2803	DOP 53.6179	DOP 54.3157
		B	EUR 1 =	DOP 56.4612	DOP 57.7180	DOP 57.2410	DOP 58.0493
		S	EUR 1 =	DOP 59.8316	DOP 61.2646	DOP 60.8295	DOP 61.9896
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 16.7300	EGP 15.75	EGP 15.55	EGP 15.68
		S	USD 1 =	EGP 16.8300	EGP 15.85	EGP 15.65	EGP 15.78
		B	EUR 1 =	EGP 18.7034	EGP 17.3360	EGP 17.0304	EGP 17.1335
		S	EUR 1 =	EGP 18.8934	EGP 17.4841	EGP 17.2979	EGP 17.4432
El Salvador 1							
San Salvador 428	El Salvador colón = 100 centavos SVC	2	USD 1 =	SVC 8.75	SVC 8.75	SVC 8.75	SVC 8.75
		V, B / S	EUR 1 =	SVC 9.7956	SVC 9.6705	SVC 9.6049	SVC 9.5865
Equatorial Guinea 1							
Malabo 310	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 593.519	XAF 597.574	XAF 598.719
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Eritrea							
Asmara 336	Nakfa = 100 cents ERN	2 B	USD 1 =	ERN 15.00	ERN 15.00	ERN 15.00	ERN 15.00
		2 S	USD 1 =	ERN 15.15	ERN 15.15	ERN 15.15	ERN 15.15
		B	EUR 1 =	ERN 16.7610	ERN 16.5345	ERN 16.4190	ERN 16.6020
		S	EUR 1 =	ERN 17.3972	ERN 17.1707	ERN 17.0552	ERN 17.2382
Estonia							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956

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. 3 Value against the euro.

IV. Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					January 2020	February 2020	March 2020
Ethiopia							
Addis Ababa 334	Birr = 100 cents	B S	USD 1 =	ETB 29.2198	ETB 32.0606	ETB 32.2739	ETB 32.8128
			USD 1 =	ETB 29.8042	ETB 32.7018	ETB 32.9194	ETB 33.4691
	ETB	B S	EUR 1 =	ETB 32.6752	ETB 35.3180	ETB 35.2980	ETB 36.1827
			EUR 1 =	ETB 33.3287	ETB 36.0244	ETB 36.0040	ETB 36.9064
Eswatini ¹							
Mbabane 393	Lilangeni = 100 cents	B S	USD 1 =	SZL 14.4713	SZL 14.7849	SZL 15.5957	SZL 18.0073
			USD 1 =	SZL 14.4789	SZL 14.7908	SZL 15.6067	SZL 18.0250
	SZL	B S	EUR 1 =	SZL 16.19020	SZL 16.3027	SZL 17.1498	SZL 19.8083
			EUR 1 =	SZL 16.20051	SZL 16.3108	SZL 17.1646	SZL 19.8305
Falkland Islands (Islas Malvinas)							
Stanley 529	Falkland Islands pound ² = 100 pence FKP	V V	USD 1 =	FKP 0.78407	FKP 0.76163	FKP 0.77722	FKP 0.80908
			EUR 1 =	FKP 0.87777	FKP 0.84175	FKP 0.85315	FKP 0.88643
Fiji							
Suva 815	Fiji dollar = 100 cents	B S	FJD 1 =	USD 0.4715	USD 0.4651	USD 0.4594	USD 0.4470
			FJD 1 =	USD 0.4545	USD 0.4481	USD 0.4424	USD 0.4300
	FJD	B S	FJD 1 =	EUR 0.4194	EUR 0.4192	EUR 0.4158	EUR 0.4024
			FJD 1 =	EUR 0.4074	EUR 0.4072	EUR 0.4038	EUR 0.3904
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
Gabon ¹							
Libreville 314	CFA franc XAF	V 3	USD 1 =	XAF 585.937	XAF 593.519	XAF 597.574	XAF 598.719
			EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Gambia							
Banjul 252	Dalasi = 100 bututs GMD	M M	USD 1 =	GMD 50.10	GMD 51.10	GMD 51.05	GMD 50.83
			EUR 1 =	GMD 56.49	GMD 56.71	GMD 55.67	GMD 56.96
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M M	USD 1 =	GEL 2.8241	GEL 2.8934	GEL 2.7905	GEL 3.2845
			EUR 1 =	GEL 3.1620	GEL 3.1868	GEL 3.0782	GEL 3.6363

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 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		
					January 2020	February 2020	March 2020
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas	B	USD 1 =	GHS 5.2480	GHS 5.4645	GHS 5.2923	GHS 5.4396
		S	USD 1 =	GHS 5.2532	GHS 5.4699	GHS 5.2975	GHS 5.4450
	B	EUR 1 =	GHS 5.8682	GHS 6.0458	GHS 5.8024	GHS 5.9726	
	S	EUR 1 =	GHS 5.8727	GHS 6.0493	GHS 5.8071	GHS 5.9778	
Gibraltar							
Gibraltar 044	Gibraltar pound ² = 100 pence GIP	V	USD 1 =	GIP 0.78407	GIP 0.76163	GIP 0.77722	GIP 0.80908
		V	EUR 1 =	GIP 0.87777	GIP 0.84175	GIP 0.85315	GIP 0.88643
Greece							
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
Grenada							
St George's 473	East Caribbean dollar = 100 cents	³ B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		³ S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	V, B	EUR 1 =	XCD 3.0094	XCD 2.9710	XCD 2.9508	XCD 2.9452	
	V, S	EUR 1 =	XCD 3.0416	XCD 3.0027	XCD 2.9823	XCD 2.9766	
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ	M	USD 1 =	GTQ 7.70380	GTQ 7.66401	GTQ 7.67884	GTQ 7.68467
		V, M	EUR 1 =	GTQ 8.62411	GTQ 8.47026	GTQ 8.42906	GTQ 8.41932
Guinea							
Conakry 260	Guinean franc GNF	M	USD 1 =	GNF 9,192.6286	GNF 9,350.5630	GNF 9,365.2286	GNF 9,387.3278
		M	EUR 1 =	GNF 10,296.1706	GNF 10,286.5605	GNF 10,184.6859	GNF 10,363.6331
Guinea-Bissau ¹							
Bissau 257	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 593.519	XOF 597.574	XOF 598.719
		⁴	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Guyana							
Georgetown 488	Guyana dollar = 100 cents	B	USD 1 =	GYD 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 229.25	GYD 228.90	GYD 227.40	
	S	EUR 1 =	GYD 235.71	GYD 232.19	GYD 231.84	GYD 230.32	

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 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					January 2020	February 2020	March 2020
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 89.3946	HTG 92.7940	HTG 94.7716	HTG 97.9728
		V, M	EUR 1 =	HTG 100.0195	HTG 102.5559	HTG 104.0308	HTG 107.3390
Honduras							
Tegucigalpa 424	Lempira = 100 centavos HNL	B	USD 1 =	HNL 24.5217	HNL 24.6511	HNL 24.6966	HNL 24.7540
		S	USD 1 =	HNL 24.6934	HNL 24.8237	HNL 24.8695	HNL 24.9273
		V, B	EUR 1 =	HNL 27.4496	HNL 27.2444	HNL 27.1095	HNL 27.1205
		V, S	EUR 1 =	HNL 27.6418	HNL 27.4352	HNL 27.2993	HNL 27.3103
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.80686	HKD 7.73810	HKD 7.76250	HKD 7.72170
		S	USD 1 =	HKD 7.86088	HKD 7.80070	HKD 7.82550	HKD 7.78440
		B	EUR 1 =	HKD 8.70052	HKD 8.47470	HKD 8.48350	HKD 8.43050
		S	EUR 1 =	HKD 8.82890	HKD 8.66160	HKD 8.67090	HKD 8.61740
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 290.65	HUF 305.24	HUF 307.72	HUF 327.07
		M	EUR 1 =	HUF 326.03	HUF 336.65	HUF 339.88	HUF 359.09
Iceland							
Reykjavik 024	Icelandic krona ISK	B	USD 1 =	ISK 122.145	ISK 123.07	ISK 125.99	ISK 141.38
		S	USD 1 =	ISK 122.728	ISK 123.65	ISK 126.59	ISK 142.06
		B	EUR 1 =	ISK 136.48	ISK 135.72	ISK 138.91	ISK 154.87
		S	EUR 1 =	ISK 137.24	ISK 136.48	ISK 139.69	ISK 155.73
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	M	USD 1 =	INR 70.4119	INR 71.5096	INR 72.1895	INR 75.3859
		M	EUR 1 =	INR 78.8192	INR 78.8169	INR 79.4421	INR 83.0496
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 14,070.79	IDR 13,593.69	IDR 14,162.83	IDR 16,285.17
		S	USD 1 =	IDR 14,212.13	IDR 13,730.31	IDR 14,305.17	IDR 16,448.84
		B	EUR 1 =	IDR 15,736.06	IDR 14,989.76	IDR 15,562.12	IDR 17,951.14
		S	EUR 1 =	IDR 15,897.25	IDR 15,145.90	IDR 15,719.95	IDR 18,138.14
Iran, Islamic Republic of ¹							
Tehran 616	Iranian rial = 100 dinars IRR	² M	USD 1 =	IRR 42,000	IRR 42,000	IRR 42,000	IRR 42,000
		² M	EUR 1 =	IRR 47,002	IRR 46,266	IRR 46,316	IRR 46,543
		³ M	USD 1 =	IRR 127,350	IRR 137,700	IRR 151,000	IRR 166,200
		³ M	EUR 1 =	IRR 142,808	IRR 152,150	IRR 166,500	IRR 183,150

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 Central bank rate. ³ Bureau de change rate.

IV. Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month			
					January 2020	February 2020	March 2020	
Iraq ¹								
Baghdad 612	Iraqi dinar = 1,000 fils IQD	2	B	USD 1 =	IQD 1,182.00	IQD 1,182.00	IQD 1,182.00	IQD 1,182.00
			S	USD 1 =	IQD 1,190.00	IQD 1,190.00	IQD 1,190.00	IQD 1,190.00
		B	S	EUR 1 =	IQD 1,322.806	IQD 1,303.628	IQD 1,285.425	IQD 1,318.757 ⁴
			S	EUR 1 =	IQD 1,331.759	IQD 1,312.451	IQD 1,294.125	IQD 1,327.683 ⁴
		3	S	USD 1 =	IQD 1,195.91	IQD 1,193.382	IQD 1,192.500	IQD 1,203.455 ⁴
V, S	S	EUR 1 =	IQD 1,338.75	IQD 1,318.93	IQD 1,309.01	IQD 1,342.69 ⁴		
Ireland								
Dublin 007	Euro = 100 cent EUR		M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
Israel								
Jerusalem 624	New shekel = 100 agorot ILS		M	USD 1 =	ILS 3.5643	ILS 3.4480	ILS 3.4670	ILS 3.5650
			M	EUR 1 =	ILS 3.9816	ILS 3.8023	ILS 3.8196	ILS 3.9003
Italy								
Rome 005	Euro = 100 cent EUR		M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
Jamaica								
Kingston 464	Jamaican dollar = 100 cents JMD	B	S	USD 1 =	JMD 132.5023	JMD 138.1706	JMD 136.4865	JMD 134.5920
			S	USD 1 =	JMD 134.1077	JMD 140.9165	JMD 138.0161	JMD 136.0714
		B	S	EUR 1 =	JMD 143.87390	JMD 155.3259	JMD 146.7135	JMD 140.5300
			S	EUR 1 =	JMD 150.12124	JMD 157.7204	JMD 153.1419	JMD 148.3064
Japan								
Tokyo 732	Japanese yen = 100 sen JPY	B	S	USD 1 =	JPY 107.99	JPY 108.06	JPY 108.43	JPY 107.83
			S	USD 1 =	JPY 109.99	JPY 110.06	JPY 110.43	JPY 109.83
		B	S	EUR 1 =	JPY 120.65	JPY 118.80	JPY 118.82	JPY 118.05
			S	EUR 1 =	JPY 123.65	JPY 121.80	JPY 121.82	JPY 121.05
Jordan								
Amman 628	Jordanian dinar = 1,000 fils JOD	2	B	USD 1 =	JOD 0.7080	JOD 0.7080	JOD 0.7080	JOD 0.7080
			S	USD 1 =	JOD 0.7100	JOD 0.7100	JOD 0.7100	JOD 0.7100
		B	S	EUR 1 =	JOD 0.79156	JOD 0.77930	JOD 0.77030	JOD 0.76344 ⁵
			S	EUR 1 =	JOD 0.79615	JOD 0.78292	JOD 0.77866	JOD 0.77958 ⁵
Kazakhstan								
Nur-Sultan 079	Tenge = 100 tiyn KZT		M	USD 1 =	KZT 382.96	KZT 378.80	KZT 381.10	KZT 448.01
			M	EUR 1 =	KZT 428.91	KZT 417.32	KZT 420.81	KZT 495.86

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. ⁴ Exchange rate as of 16 March 2020. ⁵ Exchange rate as of 19 March 2020.

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		
					January 2020	February 2020	March 2020
Kenya ¹							
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 102.0469	KES 100.4853	KES 100.8824	KES 104.5929
		S	USD 1 =	KES 102.2455	KES 100.6847	KES 101.0824	KES 104.7924
	KES	B	EUR 1 =	KES 114.0250	KES 110.7747	KES 110.6594	KES 115.2606
		S	EUR 1 =	KES 114.2775	KES 111.0206	KES 110.9082	KES 115.5053
Korea, Democratic People's Republic of ²							
Pyongyang 724	North Korean won = 100 chon	B	USD 1 =	KPW 107.60	KPW 108.28	KPW 109.16	KPW .
		S	USD 1 =	KPW 108.67	KPW 109.36	KPW 110.25	KPW .
	KPW	B	EUR 1 =	KPW 120.38	KPW 119.43	KPW 118.46	KPW .
		S	EUR 1 =	KPW 121.58	KPW 120.62	KPW 119.64	KPW .
Korea, Republic of							
Seoul 728	South Korean won = 100 chon	B	USD 1 =	KRW 1,155.48	KRW 1,182.80	KRW 1,198.70	KRW 1,212.10
		S	USD 1 =	KRW 1,178.07	KRW 1,206.20	KRW 1,222.30	KRW 1,235.90
	KRW	B	EUR 1 =	KRW 1,291.45	KRW 1,304.36	KRW 1,322.32	KRW 1,325.91
		S	EUR 1 =	KRW 1,317.53	KRW 1,330.70	KRW 1,349.02	KRW 1,352.69
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.30219	KWD 0.30250	KWD 0.30305	KWD 0.30500
		S	USD 1 =	KWD 0.30600	KWD 0.30610	KWD 0.30915	KWD 0.31310
	KWD	B	EUR 1 =	KWD 0.338360	KWD 0.333567	KWD 0.333006	KWD 0.334783
		S	EUR 1 =	KWD 0.342626	KWD 0.337536	KWD 0.339709	KWD 0.343674
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tyiyn	M	USD 1 =	KGS 69.7811	KGS 69.8500	KGS 69.8500	KGS 80.8100
		M	EUR 1 =	KGS 78.1604	KGS 76.9503	KGS 77.0760	KGS 89.6142
KGS		B	USD 1 =				
		S	USD 1 =				
		B	EUR 1 =				
		S	EUR 1 =				
Lao People's Democratic Republic							
Vientiane 684	Kip	B	USD 1 =	LAK 8,701	LAK 8,879	LAK 8,888	LAK 8,932
		S	USD 1 =	LAK 8,715	LAK 8,894	LAK 8,903	LAK 8,947
	LAK	B	EUR 1 =	LAK 9,722	LAK 9,789	LAK 9,764	LAK 9,838
		S	EUR 1 =	LAK 9,767	LAK 9,835	LAK 9,810	LAK 9,885
Latvia							
Riga 054	Euro = 100 cent	M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
	EUR						
Lebanon							
Beirut 604	Lebanese pound = 100 piastres	M	USD 1 =	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50
		M	EUR 1 =	LBP 1,688.52	LBP 1,662.47	LBP 1,664.88	LBP 1,655.39
	LBP						
Lesotho ¹							
Maseru 395	Loti = 100 lisente	M	USD 1 =	LSL 14.4518	LSL 14.7306	LSL 15.5761	LSL 17.8412
		M	EUR 1 =	LSL 16.1709	LSL 16.2368	LSL 17.1166	LSL 19.5726
	LSL						

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 As a rule, month-end data represent rates as at the first business day of the following month.

IV. Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					January 2020	February 2020	March 2020
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents	B	USD 1 =	LRD 187.22	LRD 194.5697	LRD 196.7120	LRD 197.1568
		S	USD 1 =	LRD 188.53	LRD 196.2180	LRD 198.4249	LRD 198.6034
	LRD	V, B V, S	EUR 1 = EUR 1 =	LRD 209.3707 LRD 210.8311	LRD 215.0384 LRD 216.8601	LRD 215.9308 LRD 217.8110	LRD 216.0050 LRD 217.5899
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham	B	USD 1 =	LYD 1.3950	LYD 1.4003	LYD 1.4084	LYD 1.4096
		S	USD 1 =	LYD 1.4020	LYD 1.4073	LYD 1.4155	LYD 1.4167
	LYD	B S	EUR 1 = EUR 1 =	LYD 1.5614 LYD 1.5692	LYD 1.5420 LYD 1.5497	LYD 1.5365 LYD 1.5442	LYD 1.5516 LYD 1.5593
Lithuania							
Vilnius 055	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
Luxembourg							
Luxembourg 018	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
Macao ¹							
Macao 743	Pataca = 100 avos	B	USD 1 =	MOP 8.0632	MOP 7.9951	MOP 8.0221	MOP 7.9810
		S	USD 1 =	MOP 8.0857	MOP 8.0176	MOP 8.0446	MOP 8.0035
	MOP	B S	EUR 1 = EUR 1 =	MOP 9.0205 MOP 9.0590	MOP 8.8095 MOP 8.8480	MOP 8.8512 MOP 8.8897	MOP 8.7720 MOP 8.8105
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 3,618.91	MGA 3,626.54	MGA 3,698.37	MGA 3,755.09
		M	EUR 1 =	MGA 4,047.48	MGA 4,001.82	MGA 4,075.14	MGA 4,118.90
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala	B	USD 1 =	MWK 730.0152	MWK 729.2283	MWK 729.2882	MWK 729.2882
		S	USD 1 =	MWK 748.8212	MWK 743.8113	MWK 743.8724	MWK 743.8724
	MWK	B S	EUR 1 = EUR 1 =	MWK 817.1855 MWK 838.2581	MWK 803.8283 MWK 819.9032	MWK 802.0711 MWK 818.1109	MWK 803.3109 MWK 819.3755
Malaysia							
Kuala Lumpur Seat of government: Putrajaya 701	Malaysian ringgit = 100 sen MYR	B	USD 1 =	MYR 4.0795	MYR 4.0261	MYR 4.1478	MYR 4.2640
		S	USD 1 =	MYR 4.2010	MYR 4.1479	MYR 4.2732	MYR 4.3930
		B S	EUR 1 = EUR 1 =	MYR 4.5493 MYR 4.7219	MYR 4.4290 MYR 4.5859	MYR 4.5497 MYR 4.7108	MYR 4.6935 MYR 4.8598

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.

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		
					January 2020	February 2020	March 2020
Maldives							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.38	MVR 15.35	MVR 15.34	MVR 15.31
		V, M	EUR 1 =	MVR 17.21739	MVR 16.96482	MVR 16.83872	MVR 16.77364
Mali 1							
Bamako 232	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 593.519	XOF 597.574	XOF 598.719
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Malta							
Valletta 046	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
Mauritania							
Nouakchott 228	Ouguiya MRU	B	USD 1 =	MRU 36.66	MRU 37.25	MRU 37.12	MRU 37.03
		S	USD 1 =	MRU 37.02	MRU 37.62	MRU 37.49	MRU 37.40
		B	EUR 1 =	MRU 41.05	MRU 41.03	MRU 40.61	MRU 40.56
		S	EUR 1 =	MRU 41.46	MRU 41.44	MRU 41.02	MRU 40.96
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 35.1821	MUR 36.3283	MUR 36.9633	MUR 38.8227
		S	USD 1 =	MUR 36.0814	MUR 37.2279	MUR 37.8629	MUR 39.7221
		B	EUR 1 =	MUR 39.2334	MUR 39.9087	MUR 40.4890	MUR 42.6585
		S	EUR 1 =	MUR 40.3539	MUR 41.0427	MUR 41.6281	MUR 43.8356
Mexico							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 19.2133	MXN 18.8610	MXN 19.8545	MXN 23.7780
		S	USD 1 =	MXN 19.2189	MXN 18.8660	MXN 19.8610	MXN 23.7980
		V, B	EUR 1 =	MXN 21.6387	MXN 20.8452	MXN 21.7943	MXN 26.0512
		V, S	EUR 1 =	MXN 21.6451	MXN 20.8507	MXN 21.8014	MXN 26.0731
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 17.5804	MDL 17.5092	MDL 17.7711	MDL 18.1709
		M	EUR 1 =	MDL 19.6863	MDL 19.2977	MDL 19.4479	MDL 20.1152
Mongolia							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 2,666.78	MNT 2,751.57	MNT 2,762.71	MNT 2,777.74
		M	EUR 1 =	MNT 2,985.10	MNT 3,034.57	MNT 3,039.26	MNT 3,054.54
Morocco							
Rabat 204	Moroccan dirham = 100 centimes MAD	M	USD 1 =	MAD 9.6194	MAD 9.6284	MAD 9.5984	MAD 10.1397
		M	EUR 1 =	MAD 10.7721	MAD 10.6201	MAD 10.5861	MAD 11.0898

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 ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					January 2020	February 2020	March 2020
Mozambique							
Maputo 366	Metical = 100 centavos	B	USD 1 =	MZN 61.93	MZN 63.26	MZN 64.63	MZN 66.07
		S	USD 1 =	MZN 63.14	MZN 64.52	MZN 65.91	MZN 67.38
	MZN	B	EUR 1 =	MZN 69.27	MZN 69.77	MZN 71.13	MZN 72.56
		S	EUR 1 =	MZN 70.63	MZN 71.16	MZN 72.55	MZN 74.00
Myanmar							
Nay Pyi Taw 676	Kyat = 100 pyas MMK	M	USD 1 =	MMK 1,515.79	MMK 1,464.20	MMK 1,434.30	MMK 1,394.90
		M	EUR 1 =	MMK 1,696.96	MMK 1,614.10	MMK 1,582.20	MMK 1,531.80
Namibia ¹							
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 14.4649	NAD 14.8122	NAD 15.6439	NAD 17.9622
		M	EUR 1 =	NAD 16.1826	NAD 16.3264	NAD 17.2183	NAD 19.7862
Nepal							
Kathmandu 672	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 112.39	NPR 114.08	NPR 115.20	NPR 120.68
		S	USD 1 =	NPR 112.99	NPR 114.68	NPR 115.80	NPR 121.28
	NPR	B	EUR 1 =	NPR 125.65	NPR 125.72	NPR 126.88	NPR 133.37
		S	EUR 1 =	NPR 126.32	NPR 126.38	NPR 127.54	NPR 134.03
Netherlands							
Amsterdam Seat of government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
New Caledonia ¹							
Nouméa 809	CFP franc XPF	V	XPF 1,000 =	USD 9.38	USD 9.26	USD 9.20	USD 9.18
		2	XPF 1,000 =	EUR 8.38	EUR 8.38	EUR 8.38	EUR 8.38
New Zealand							
Wellington 804	New Zealand dollar = 100 cents	B	NZD 1 =	USD 0.6742	USD 0.6629	USD 0.6395	USD 0.6156
		S	NZD 1 =	USD 0.6499	USD 0.6388	USD 0.6161	USD 0.5928
	NZD	B	NZD 1 =	EUR 0.6042	EUR 0.6034	EUR 0.5837	EUR 0.5603
		S	NZD 1 =	EUR 0.5779	EUR 0.5769	EUR 0.5579	EUR 0.5353
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 33.1826	NIO 33.9229	NIO 34.0024	NIO 34.0877
		V, M	EUR 1 =	NIO 37.14094	NIO 37.49159	NIO 37.32443	NIO 37.34648

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 ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					January 2020	February 2020	March 2020
Niger ¹							
Niamey 240	CFA franc	V	USD 1 =	XOF 585.937	XOF 593.519	XOF 597.574	XOF 598.719
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Nigeria ¹							
Abuja 288	Naira = 100 kobo	B	USD 1 =	NGN 305.93	NGN 306.00	NGN 305.95	NGN 360.00
		S	USD 1 =	NGN 306.93	NGN 307.00	NGN 306.95	NGN 361.00
	NGN	B	EUR 1 =	NGN 342.6227	NGN 338.2218	NGN 336.5756	NGN 394.5240
		S	EUR 1 =	NGN 343.7427	NGN 339.3271	NGN 337.6757	NGN 395.6199
North Macedonia							
Skopje 096	North Macedonia denar = 100 deni	B	USD 1 =	MKD 54.6710	MKD 55.6439	MKD 55.9662	MKD 55.6339
		S	USD 1 =	MKD 55.2205	MKD 56.2031	MKD 56.5286	MKD 56.1931
	MKD	B	EUR 1 =	MKD 61.2040	MKD 61.3696	MKD 61.3614	MKD 61.3865
		S	EUR 1 =	MKD 61.8191	MKD 61.9864	MKD 61.9780	MKD 62.0035
Norway							
Oslo 028	Norwegian krone = 100 øre	B	USD 1 =	NOK 8.7713	NOK 9.1664	NOK 9.4491	NOK 10.4524
		S	USD 1 =	NOK 8.8400	NOK 9.2384	NOK 9.5211	NOK 10.5244
	NOK	B	EUR 1 =	NOK 9.8140	NOK 10.1087	NOK 10.3893	NOK 11.5390
		S	EUR 1 =	NOK 9.8901	NOK 10.1877	NOK 10.4683	NOK 11.6180
Oman							
Muscat 649	Rial Omani = 1,000 baisa	3 B	USD 1 =	OMR 0.3840	OMR 0.3840	OMR 0.3840	OMR 0.3840
		3 S	USD 1 =	OMR 0.3850	OMR 0.3850	OMR 0.3850	OMR 0.3850
	OMR	B	EUR 1 =	OMR 0.4299008	OMR 0.4228608	OMR 0.4187904	OMR 0.4233216
		S	EUR 1 =	OMR 0.4310973	OMR 0.4240390	OMR 0.4199580	OMR 0.4245010
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa	B	USD 1 =	PKR 150.06	PKR 154.40	PKR 154.20	PKR 166.25
		S	USD 1 =	PKR 150.56	PKR 154.90	PKR 154.70	PKR 166.75
	PKR	B	EUR 1 =	PKR 167.98	PKR 170.22	PKR 169.49	PKR 183.27
		S	EUR 1 =	PKR 168.56	PKR 170.78	PKR 170.04	PKR 184.18
Panama ¹							
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 1.1052	PAB 1.0977	PAB 1.0956
Papua New Guinea							
Port Moresby 801	Kina = 100 toea	B	PGK 1 =	USD 0.3026	USD 0.3010	USD 0.3010	USD 0.2995
		S	PGK 1 =	USD 0.2876	USD 0.2860	USD 0.2860	USD 0.2845
	PGK	B	PGK 1 =	EUR 0.2669	EUR 0.2665	EUR 0.2672	EUR 0.2648
		S	PGK 1 =	EUR 0.2519	EUR 0.2515	EUR 0.2522	EUR 0.2498

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. ³ Value against the US dollar. ⁴ Parity in relation to the US dollar.

IV. Overview of world currencies *

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

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					January 2020	February 2020	March 2020
Paraguay							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 6,237.82	PYG 6,527.43	PYG 6,507.00	PYG 6,554.28
		S	USD 1 =	PYG 6,252.06	PYG 6,533.74	PYG 6,512.59	PYG 6,571.73
	PYG	V, B	EUR 1 =	PYG 6,978.71	PYG 7,214.12	PYG 7,142.73	PYG 7,180.87
V, S		EUR 1 =	PYG 6,994.63	PYG 7,221.09	PYG 7,148.87	PYG 7,199.99	
Peru							
Lima 504	Sol = 100 céntimos	B	USD 1 =	PEN 3.333	PEN 3.373	PEN 3.448	PEN 3.433
		S	USD 1 =	PEN 3.337	PEN 3.376	PEN 3.451	PEN 3.442
	PEN	B	EUR 1 =	PEN 3.690	PEN 3.721	PEN 3.772	PEN 3.736
		S	EUR 1 =	PEN 3.840	PEN 3.762	PEN 3.818	PEN 3.841
Philippines							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 51.41	PHP 50.55	PHP 50.55	PHP 50.65
		S	USD 1 =	PHP 51.91	PHP 51.05	PHP 51.05	PHP 51.15
	PHP	B	EUR 1 =	PHP 55.8464	PHP 54.2708	PHP 54.0806	PHP 54.7555
		S	EUR 1 =	PHP 59.1191	PHP 57.4690	PHP 57.2647	PHP 57.9756
Poland							
Warsaw 060	Polish zloty = 100 groszy PLN	M	USD 1 =	PLN 3.8399	PLN 3.8999	PLN 3.9255	PLN 4.1466
		M	EUR 1 =	PLN 4.3018	PLN 4.3010	PLN 4.3355	PLN 4.5523
Portugal							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
Qatar							
Doha 644	Qatari riyal = 100 dirham QAR	2	USD 1 =	QAR 3.6400	QAR 3.6400	QAR 3.6400	QAR 3.6400
		V, M	EUR 1 =	QAR 4.0748	QAR 4.0229	QAR 3.9956	QAR 3.9880
Romania							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 4.2393	RON 4.3309	RON 4.3601	RON 4.3983
		M	EUR 1 =	RON 4.7509	RON 4.7779	RON 4.8127	RON 4.8254
Russian Federation							
Moscow 075	Russian rouble = 100 kopecks RUB	M	USD 1 =	RUB 64.6375	RUB 63.0359	RUB 66.9909	RUB 77.7325
		M	EUR 1 =	RUB 72.0631	RUB 69.4151	RUB 73.7235	RUB 85.7389

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		
					January 2020	February 2020	March 2020
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 891.345390	RWF 916.915883	RWF 920.001638	RWF 921.469601
		S	USD 1 =	RWF 909.170498	RWF 935.252349	RWF 938.399812	RWF 939.897131
	RWF	B	EUR 1 =	RWF 998.412161	RWF 1,010.620000	RWF 1,012.599803	RWF 1,015.183059
		S	EUR 1 =	RWF 1,018.378388	RWF 1,030.830000	RWF 1,032.849753	RWF 1,035.484670
Saint Helena, Ascension and Tristan da Cunha							
Jamestown 329	Saint Helena pound 2 = 100 pence SHP	V	USD 1 =	SHP 0.78407	SHP 0.76163	SHP 0.77722	SHP 0.80908
		V	EUR 1 =	SHP 0.87777	SHP 0.84175	SHP 0.85315	SHP 0.88643
Saint Kitts and Nevis							
Basseterre 449	East Caribbean dollar = 100 cents	3 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		3 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.0094	XCD 2.9710	XCD 2.9508	XCD 2.9452
		V, S	EUR 1 =	XCD 3.0416	XCD 3.0027	XCD 2.9823	XCD 2.9766
Saint Lucia							
Castries 465	East Caribbean dollar = 100 cents	3 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		3 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.0094	XCD 2.9710	XCD 2.9508	XCD 2.9452
		V, S	EUR 1 =	XCD 3.0416	XCD 3.0027	XCD 2.9823	XCD 2.9766
Saint Vincent and the Grenadines							
Kingstown 467	East Caribbean dollar = 100 cents	3 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		3 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.0094	XCD 2.9710	XCD 2.9508	XCD 2.9452
		V, S	EUR 1 =	XCD 3.0416	XCD 3.0027	XCD 2.9823	XCD 2.9766
Samoa							
Apia 819	Tala = 100 sene WST	M	WST 1 =	USD 0.37749	USD 0.37294	USD 0.36855	USD 0.35809
		M	WST 1 =	EUR 0.33756	EUR 0.33792	EUR 0.33567	EUR 0.32455
Sao Tome and Principe							
São Tomé 311	Dobra = 100 cêntimos	B	USD 1 =	STN 21.9193	STN 22.2142	STN 22.3459	STN 22.2041
		S	USD 1 =	STN 22.2481	STN 22.5474	STN 22.6810	STN 22.5372
	STN	4	EUR 1 =	STN 24.5000	STN 24.5000	STN 24.5000	STN 24.5000
Saudi Arabia							
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 4.1244	SAR 4.1198	SAR 4.1361

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 ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					January 2020	February 2020	March 2020
Senegal ¹							
Dakar 248	CFA franc	V	USD 1 =	XOF 585.937	XOF 593.519	XOF 597.574	XOF 598.719
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Serbia							
Belgrade 098	Serbian dinar = 100 para	B	USD 1 =	RSD 104.8908	RSD 106.3476	RSD 106.4469	RSD 106.3565
		S	USD 1 =	RSD 105.5220	RSD 106.9876	RSD 107.0875	RSD 106.9965
	RSD	B	EUR 1 =	RSD 117.4979	RSD 117.2270	RSD 117.1874	RSD 117.1517
		S	EUR 1 =	RSD 118.2050	RSD 117.9324	RSD 117.8926	RSD 117.8567
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 13.8783	SCR 13.9470	SCR 13.9093	SCR 13.8307
		S	USD 1 =	SCR 14.1605	SCR 14.1009	SCR 14.1908	SCR 14.2613
	SCR	B	EUR 1 =	SCR 15.5377	SCR 15.2286	SCR 15.3981	SCR 15.4567
		S	EUR 1 =	SCR 15.8662	SCR 15.6695	SCR 15.6257	SCR 15.7491
Sierra Leone							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 8,966.53	SLL 9,640.10	SLL 9,655.52	SLL 9,666.53
		S	USD 1 =	SLL 9,147.67	SLL 9,834.85	SLL 9,850.58	SLL 9,861.81
	SLL	B	EUR 1 =	SLL 10,031.56	SLL 10,612.37	SLL 10,631.48	SLL 10,604.12
		S	EUR 1 =	SLL 10,231.12	SLL 10,823.87	SLL 10,841.36	SLL 10,814.14
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.3632	SGD 1.3619	SGD 1.3977	SGD 1.4247
		M	EUR 1 =	SGD 1.5255	SGD 1.5014	SGD 1.5357	SGD 1.5710
Sint Maarten (southern part)							
Philipsburg 479	Netherlands Antillean guilder = 100 cents	³ B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		³ S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 199.40	ANG 196.47	ANG 196.24	ANG 194.86
		S	EUR 100 =	ANG 203.42	ANG 200.43	ANG 200.19	ANG 198.79
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents SBD	M	SBD 1 =	USD 0.1223	USD 0.1217	USD 0.1214	USD 0.1205
		M	SBD 1 =	EUR 0.10934	EUR 0.11030	EUR 0.11070	EUR 0.10920

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. ³ Value against the US dollar.

IV. Overview of world currencies *

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

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					January 2020	February 2020	March 2020
Somalia ¹							
Mogadishu 342	Somali shilling	M	USD 1 =	.	.	.	.
	SOS	M	EUR 1 =	.	.	.	.
South Africa							
Pretoria Seat of parliament: Cape Town 388	South African rand = 100 cents	B	USD 1 =	ZAR 14.2613	ZAR 14.7290	ZAR 15.4040	ZAR 17.6260
		S	USD 1 =	ZAR 14.5788	ZAR 15.0465	ZAR 15.7215	ZAR 17.9435
	ZAR	B	EUR 1 =	ZAR 15.9161	ZAR 16.2492	ZAR 16.8939	ZAR 19.2718
		S	EUR 1 =	ZAR 16.3500	ZAR 16.6777	ZAR 17.3266	ZAR 19.6997
South Sudan							
Juba 225	South Sudanese pound = 100 piastres SSP	M	USD 1 =	SSP 158.2581	SSP 161.0581 ²	SSP .	SSP .
		M	EUR 1 =	SSP 176.9669	SSP 178.4283 ²	SSP .	SSP .
Spain							
Madrid 011	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1052	USD 1.0977	USD 1.0956
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 176.7092	LKR 179.6369	LKR 179.9662	LKR 187.3584
		S	USD 1 =	LKR 180.4863	LKR 183.3068	LKR 183.6374	LKR 192.4530
	LKR	B	EUR 1 =	LKR 196.6569	LKR 196.7115	LKR 196.3633	LKR 205.2684
		S	EUR 1 =	LKR 203.5266	LKR 203.4507	LKR 203.0768	LKR 213.5619
Sudan							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 45.6250	SDG 48.8000	SDG 54.5000	SDG 55.0000
		S	USD 1 =	SDG 45.8531	SDG 49.0440	SDG 54.7725	SDG 55.2750
	SDG	B	EUR 1 =	SDG 51.0877	SDG 53.7434	SDG 59.4508	SDG 60.5946
		S	EUR 1 =	SDG 51.3431	SDG 54.0122	SDG 59.7480	SDG 60.8976
Suriname							
Paramaribo 492	Suriname dollar = 100 cents	B	USD 1 =	SRD 7.396	SRD 7.396	SRD 7.396	SRD 7.396
		S	USD 1 =	SRD 7.520	SRD 7.520	SRD 7.520	SRD 7.520
	SRD	B	EUR 1 =	SRD 8.266	SRD 8.157	SRD 8.109	SRD 8.161
		S	EUR 1 =	SRD 8.399	SRD 8.294	SRD 8.245	SRD 8.298
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 9.4073	SEK 9.6080	SEK 9.6224	SEK 10.0246
		S	USD 1 =	SEK 9.5123	SEK 9.7130	SEK 9.7274	SEK 10.1296
	SEK	B	EUR 1 =	SEK 10.5298	SEK 10.5954	SEK 10.6046	SEK 11.0257
		S	EUR 1 =	SEK 10.6448	SEK 10.7104	SEK 10.7196	SEK 11.1407

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 Exchange rate as of 23 January 2020.

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		
					January 2020	February 2020	March 2020
Switzerland							
Berne 039	Swiss franc = 100 rappen/centimes CHF	B	USD 1 =	CHF 0.9937	CHF 0.9703	CHF 0.9637	CHF 0.9641
		B	EUR 1 =	CHF 1.1110	CHF 1.0699	CHF 1.0644	CHF 1.0588
Syrian Arab Republic							
Damascus 608	Syrian pound = 100 piastres	B	USD 1 =	SYP 434.50	SYP 435.00	SYP 435.00	SYP .
		S	USD 1 =	SYP 438.17	SYP 438.00	SYP 438.00	SYP .
	B	EUR 1 =	SYP 486.83	SYP 478.83	SYP 474.29	SYP .	
	S	EUR 1 =	SYP 490.98	SYP 482.20	SYP 477.62	SYP .	
Tajikistan							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 9.5330	TJS 9.6924	TJS 9.6800	TJS 10.2000
		M	EUR 1 =	TJS 10.6743	TJS 10.6878	TJS 10.6480	TJS 11.2567
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 2,277.1609	TZS 2,277.1881	TZS 2,277.9901	TZS 2,278.5050
		S	USD 1 =	TZS 2,299.9325	TZS 2,299.9600	TZS 2,300.7700	TZS 2,301.2900
		B	EUR 1 =	TZS 2,545.4570	TZS 2,509.4613	TZS 2,501.2331	TZS 2,513.6467
		S	EUR 1 =	TZS 2,571.5823	TZS 2,535.4759	TZS 2,526.4755	TZS 2,539.2434
Thailand							
Bangkok 680	Thai baht = 100 satang THB	B	USD 1 =	THB 30.8348	THB 30.9654	THB 31.4646	THB 32.5125
		S	USD 1 =	THB 31.1759	THB 31.2959	THB 31.7804	THB 32.8298
		B	EUR 1 =	THB 34.2893	THB 33.9524	THB 34.4033	THB 35.6113
		S	EUR 1 =	THB 34.9954	THB 34.6652	THB 35.1003	THB 36.3057
Togo ¹							
Lomé 280	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 593.519	XOF 597.574	XOF 598.719
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Tonga							
Nuku'alofa 817	Pa'anga = 100 seniti TOP	M	TOP 1 =	USD 0.4368	USD 0.4319	USD 0.4315	USD 0.4271
		M	TOP 1 =	EUR 0.3896	EUR 0.3904	EUR 0.3916	EUR 0.3856
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.7302	TTD 6.6805	TTD 6.7349	TTD 6.7017
		S	USD 1 =	TTD 6.7710	TTD 6.7959	TTD 6.7990	TTD 6.7584
		B	EUR 1 =	TTD 7.5084	TTD 7.4736	TTD 7.3629	TTD 7.2558
		S	EUR 1 =	TTD 8.0404	TTD 7.9723	TTD 7.8576	TTD 7.9053

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 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					January 2020	February 2020	March 2020
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes	B S	USD 1 =	TND 2.9209	TND 2.8213	TND 2.8685	TND 2.8927
			USD 1 =	TND 2.9238	TND 2.8242	TND 2.8713	TND 2.8955
	TND	B S	EUR 1 =	TND 3.2721	TND 3.1191	TND 3.1515	TND 3.1634
			EUR 1 =	TND 3.2754	TND 3.1223	TND 3.1546	TND 3.1665
Turkey							
Ankara 052	Turkish lira = 100 kuruş	B S	USD 1 =	TRY 5.6666	TRY 5.9716	TRY 6.1593	TRY 6.5160
			USD 1 =	TRY 5.6768	TRY 5.9824	TRY 6.1704	TRY 6.5277
	TRY	B S	EUR 1 =	TRY 6.3544	TRY 6.5782	TRY 6.7344	TRY 7.2150
			EUR 1 =	TRY 6.3659	TRY 6.5901	TRY 6.7465	TRY 7.2280
Turkmenistan ¹							
Ashgabat 080	Turkmen manat = 100 tenge	2 M	USD 1 =	TMT 3.50	TMT 3.50	TMT 3.50	TMT 3.50
			EUR 1 =	TMT 3.9183	TMT 3.8560	TMT 3.8661	TMT 3.8773
Uganda							
Kampala 350	Uganda shilling	B S	USD 1 =	UGX 3,697.34	UGX 3,674.83	UGX 3,706.67	UGX 3,791.71
			USD 1 =	UGX 3,707.34	UGX 3,684.83	UGX 3,716.67	UGX 3,801.71
	UGX	B S	EUR 1 =	UGX 4,132.84	UGX 4,041.38348	UGX 4,027.67576	UGX 4,181.87934
			EUR 1 =	UGX 4,144.01	UGX 4,052.38095	UGX 4,038.54178	UGX 4,192.90835
Ukraine							
Kyiv 072	Hryvnia = 100 kopyok	M M	USD 1 =	UAH 25.8236	UAH 24.9196	UAH 24.5610	UAH 28.0615
			EUR 1 =	UAH 28.9192	UAH 27.4751	UAH 26.9299	UAH 30.9617
United Arab Emirates ¹							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils	2 V, M	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
			EUR 1 =	AED 4.1112	AED 4.0588	AED 4.0313	AED 4.0236
United Kingdom ¹							
London 006	Pound sterling = 100 pence	M M	GBP 1 =	USD 1.2766	USD 1.3179	USD 1.2776	USD 1.2403
			EUR 1 =	GBP 0.8743	GBP 0.8406	GBP 0.8598	GBP 0.8845
United States							
Washington 400	US dollar = 100 cents	M M	EUR 1 =	USD 1.11753	USD 1.1093	USD 1.1025	USD 1.1029
			GBP 1 =	USD 1.27613	USD 1.3199	USD 1.2820	USD 1.2418

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		
					January 2020	February 2020	March 2020
Uruguay							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 35.277	UYU 37.531	UYU 39.152	UYU 43.008
		M	EUR 1 =	UYU 39.4599	UYU 41.5881	UYU 43.0848	UYU 47.3561
Uzbekistan							
Tashkent 081	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 8,853.99	UZS 9,563.33	UZS 9,526.28	UZS 9,554.22
		M	EUR 1 =	UZS 9,907.42	UZS 10,541.66	UZS 10,329.35	UZS 10,637.67
Vanuatu							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 112.90	VUV 114.76	VUV 116.78	VUV 120.08
		S	USD 1 =	VUV 120.29	VUV 122.36	VUV 124.50	VUV 128.00
		B	EUR 1 =	VUV 127.17	VUV 127.72	VUV 129.58	VUV 133.78
		S	EUR 1 =	VUV 132.41	VUV 132.99	VUV 134.91	VUV 139.26
Venezuela, Bolivarian Republic of ¹							
Caracas 484	Bolívar Soberano = 100 céntimos VES	B	USD 1 =	VES 15,870.422	VES 73,841.546	VES 73,907.343	VES 80,743.360
		S	USD 1 =	VES 15,910.197	VES 74,026.613	VES 74,092.575	VES 80,945.725
		B	EUR 1 =	VES 17,630.658	VES 81,467.524	VES 80,898.730	VES 88,923.470
		S	EUR 1 =	VES 17,676.400	VES 81,876.394	VES 81,304.746	VES 89,146.336
Viet Nam							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 23,173	VND 23,165	VND 23,170	VND 23,500
		S	USD 1 =	VND 23,286	VND 23,305	VND 23,310	VND 23,660
		B	EUR 1 =	VND 25,841.32	VND 25,345.77	VND 25,357.26	VND 25,636.83
		S	EUR 1 =	VND 26,611.82	VND 26,238.80	VND 26,250.70	VND 26,593.52
Yemen							
Sana'a 653	Yemeni rial = 100 fils YER	B	USD 1 =	YER 250.00	YER 250.00	YER 250.00	YER 250.00
		S	USD 1 =	YER 250.50	YER 250.50	YER 250.50	YER 250.50
		B	EUR 1 =	YER 279.90	YER 275.34	YER 272.69	YER 276.78
		S	EUR 1 =	YER 280.46	YER 275.89	YER 273.23	YER 277.33
Zambia							
Lusaka 378	Kwacha = 100 ngwee ZMW	B	USD 1 =	ZMW 12.9734	ZMW 14.7569	ZMW 15.0279	ZMW 18.0872
		S	USD 1 =	ZMW 13.0234	ZMW 14.8108	ZMW 15.0777	ZMW 18.1372
		B	EUR 1 =	ZMW 14.5150	ZMW 16.2990	ZMW 16.5202	ZMW 19.8308
		S	EUR 1 =	ZMW 14.5761	ZMW 16.3615	ZMW 16.5810	ZMW 19.8910
Zimbabwe ¹							
Harare 382	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =	ZWL 9.49651 ²	ZWL 17.35310	ZWL 17.95940	ZWL 25.00000 ¹
		M	EUR 1 =	ZWL 10.51168 ²	ZWL 19.13085	ZWL 19.74990	ZWL 27.53250 ¹

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 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. ¹ Calculated on the basis of national central banks' daily rates.

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	10.2088
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	8.84056	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 Apr.	1.43806	1.19055	9.11835	157.195	1.04777	1.84590	1.42282	8.86965	11.5031	12.4786
May	1.41665	1.21092	9.06939	153.933	1.06307	1.83428	1.39710	9.01356	11.5491	12.4505
June	1.40657	1.20653	9.31828	155.356	1.07049	1.85217	1.39764	8.99167	11.4759	12.6027
July	1.40487	1.19706	9.59647	155.898	1.06728	1.82872	1.38822	8.91798	11.4126	12.2955
Aug.	1.40139	1.20280	9.57341	155.554	1.07754	1.82016	1.35409	8.96789	11.6851	12.7588
Sep.	1.39525	1.20530	9.60126	158.319	1.06990	1.82898	1.36232	8.98723	11.4099	12.3582
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
2020 Feb. 25	1.36548	1.25967	9.57781	151.459	1.05317	1.81350	1.33517	9.40982	12.7983	13.2766
26	1.36712	1.25712	9.60034	150.807	1.05716	1.81923	1.33295	9.39196	12.8369	13.2867
27	1.36966	1.24924	9.60523	151.088	1.06435	1.83001	1.32960	9.33498	12.8569	13.2518
28	1.37328	1.25105	9.61381	150.237	1.06605	1.84418	1.32679	9.34824	12.9970	13.2864
Mar. 2	1.37895	1.23984	9.60071	148.472	1.07865	1.84173	1.31938	9.26535	12.8997	13.1235
3	1.37832	1.23983	9.62010	149.300	1.07803	1.84185	1.32022	9.26518	12.8109	13.1041
4	1.38136	1.24168	9.57717	148.289	1.07949	1.84992	.	9.27859	12.7956	.
5	1.38392	1.23708	9.60347	148.509	1.07098	1.85653	1.31846	9.24249	12.8298	13.1178
6	1.39246	1.22835	9.67651	147.935	1.07022	1.86882	1.30195	9.17549	12.8956	13.1078
9	1.39976	1.22185	9.71147	142.915	1.06843	1.90339	1.29583	9.12667	13.3059	13.1500
10	1.39371	1.22362	9.67820	143.900	1.06912	1.91370	1.29929	9.14219	13.2681	13.1491
11	1.39161	1.22760	9.67783	146.119	1.07710	1.91276	1.30192	9.17330	13.3266	13.1930
12	1.38625	1.23331	9.67595	144.169	1.08879	1.91579	1.30224	9.21617	14.0206	13.2572
13	1.37816	1.24114	9.62779	144.817	1.10103	1.91577	1.30732	9.27523	13.7723	13.4392
16	1.37864	1.23567	9.65764	147.376	1.11839	1.92513	1.30061	9.23421	14.1812	13.2851
17	1.36845	1.24609	9.58405	145.850	1.12969	1.93978	1.31111	9.31229	14.3378	13.4231
18	1.36475	1.24817	9.58231	146.506	1.14463	1.97834	1.31132	9.32775	14.6049	13.5850
19	1.34779	1.24783	9.54690	146.707	1.16782	1.95361	1.32070	9.32523	15.3689	13.9206
20	1.34890	1.25983	9.51665	.	1.14746	1.93324	1.32664	9.40982	15.2710	13.8183
23	1.34588	1.24815	9.57057	148.289	1.16718	1.94910	1.32959	9.32436	15.2983	14.0471
24	1.35462	1.24931	9.59030	149.618	1.15385	1.96298	1.32021	9.32845	14.9598	13.7876
25	1.35264	1.24932	9.59831	150.319	1.13820	1.93454	1.32599	9.33019	14.7101	13.6008
26	1.36091	1.23933	9.66128	150.707	1.13684	1.91576	1.32063	9.25275	14.2862	13.7094
27	1.36569	1.24413	9.68636	148.040	1.11781	1.91961	1.31420	9.28203	14.5014	13.5984
30	1.37057	1.24213	9.71968	147.405	1.10410	1.94018	1.31026	9.27463	14.5190	13.6391
31	1.36480	1.24571	9.68007	148.354	1.10416	1.93624	1.31758	9.30215	14.3382	13.7532
Apr. 1	1.36591	1.24900	9.70356	146.945	1.10332	1.94191	1.31865	9.32271	14.0743	13.6096
2	1.36563	1.25219	9.69058	146.778	1.09729	1.93633	1.32023	9.34903	14.0677	13.6561
3	1.35837	1.25950	9.63614	146.840	1.10711	1.92101	1.32625	9.40716	14.1855	13.7907
6	1.35822	1.25866	.	147.978	1.10334	1.91875	1.32847	9.39708	14.3330	13.7509
7	1.36190	1.25117	9.61123	148.257	1.10809	1.90476	1.32527	9.34317	13.8812	13.6420
8	1.36219	1.25305	9.62223	148.288	1.10317	1.91170	1.32303	9.35279	14.0266	13.7538
9	1.36260	1.25389	9.61723	148.469	1.09556	1.90559	1.32397	.	.	13.6776
10	1.36729	1.25821	9.62242	148.488	.	.	.	.	.	.
13	1.36609	.	9.62751	147.893	.	1.90378	.	.	.	.
14	1.36846	1.24825	9.64785	147.314	1.09053	1.90270	1.31865	9.31480	14.1200	13.6252

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 2018

Exchange rate arrangement	Monetary policy framework						
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework	Other ¹
	US dollar	Euro	Exchange rate anchor Composite	Other			
No separate legal tender	Ecuador El Salvador Marshall Islands Micronesia, Federated States of Palau Panama Timor-Leste	Kosovo Montenegro San Marino		Kiribati Nauru Tuvalu			
Currency board	Djibouti Hong Kong ECCU ² Antigua and Barbuda Dominica Grenada Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines	Bosnia and Herzegovina Bulgaria		Brunei Darussalam			
Conventional peg	Aruba Bahamas Bahrain Barbados Belize Curaçao and Sint Maarten (southern part) Eritrea Iraq Jordan Oman Qatar Saudi Arabia Turkmenistan United Arab Emirates	Cabo Verde Comoros Denmark ⁴ Sao Tome and Principe WAEMU ⁵ Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo CAEMC ⁶ Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon	Fiji Kuwait Libya Morocco	Bhutan Eswatini Lesotho Namibia Nepal			Samoa ³ Solomon Islands ³
Stabilised arrangement	Guyana Lebanon Maldives Trinidad and Tobago	Croatia North Macedonia	Singapore Viet Nam ⁷		Angola ⁷ Bolivia, Plurinational State of ⁷ Ethiopia ⁷ Guinea ⁷ Malawi ⁷ Myanmar ⁷ Nigeria ⁷ Suriname ⁷ Tajikistan ^{7,9} Tanzania, United Republic of ⁷ Yemen ⁷	Guatemala ⁷ Indonesia ⁷	Azerbaijan ⁷ Egypt ⁷ Kenya ^{7,8} Pakistan ⁷ South Sudan ⁷ Uzbekistan ⁷
Crawling peg	Honduras Nicaragua		Botswana				

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2018, Table 2, IMF, Washington. * See Explanatory notes, pp. 51-52. ¹ Includes countries that have no explicitly stated nominal anchor, but rather monitor various indicators in conducting monetary policy. ² The members participate in the Eastern Caribbean

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

VI. Global exchange rate arrangements and monetary policy framework*

As of end-April 2018

Exchange rate arrangement	Monetary policy framework						
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework	Other ¹
	US dollar	Euro	Exchange rate anchor Composite	Other			
Crawl-like arrangement			Iran, Islamic Republic of ⁷		Afghanistan ⁷ Bangladesh ⁷ Burundi ⁷ China ³ Rwanda ⁷	Costa Rica ⁷ Dominican Republic ⁷ Serbia ¹⁰	Haiti ⁷ Lao People's Democratic Republic ^{7,11} Mauritania ⁷ Papua New Guinea ⁷ Sri Lanka ^{7,8} Tunisia ^{8,10}
Pegged exchange rate within horizontal bands							Tonga ³
Other managed arrangement	Cambodia Liberia Zimbabwe		Syrian Arab Republic		Algeria Belarus Congo, Democratic Republic of the Gambia Sierra Leone		Kyrgyzstan Sudan ¹¹ Vanuatu Venezuela, Bolivarian Republic of
Floating					Argentina Madagascar Seychelles	Albania Armenia Brazil Colombia Czechia Georgia Ghana Hungary Iceland India Israel Jamaica ^{9,11} Kazakhstan Korea, Republic of Moldova, Republic of New Zealand Paraguay Peru Philippines Romania South Africa Thailand Turkey Uganda Ukraine Uruguay	Malaysia Mauritius Mongolia ⁸ Mozambique ⁸ Switzerland Zambia
Free floating						Australia Canada Chile Japan Mexico Norway Poland Russian Federation Sweden United Kingdom	Somalia ¹² United States Euro area 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. ⁸ The central bank has taken preliminary steps toward inflation targeting. ⁹ The exchange rate arrangement was reclassified twice during this reporting period. ¹⁰ The country maintains a de facto exchange rate anchor to the euro. ¹¹ The exchange rate arrangement or monetary policy frame-

work was reclassified retroactively, overriding a previously published classification. ¹² 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 ¹	GMD	Dalasi	Gambia
AFN	Afghani	Afghanistan	CUP	Cuban peso	Cuba	GNF	Guinean franc	Guinea
ALL	Albanian lek	Albania	CVE	Cabo Verde escudo	Cabo Verde	GTQ	Quetzal	Guatemala
AMD	Armenian dram	Armenia	CZK	Czech koruna	Czechia	GYD	Guyana dollar	Guyana
ANG	Netherlands Antillean guilder	Curaçao Sint Maarten (southern part)	DJF	Djibouti franc	Djibouti	HKD	Hong Kong dollar	Hong Kong
AOA	Kwanza	Angola	DKK	Danish krone	Denmark Faroe Islands Greenland	HNL	Lempira	Honduras
ARS	Argentine peso	Argentina	DOP	Dominican peso	Dominican Republic	HRK	Kuna	Croatia
AUD	Australian dollar	Australia Christmas Island Cocos Islands Kiribati Nauru Norfolk Island Tuvalu	DZD	Algerian dinar	Algeria	HTG	Gourde	Haiti
AWG	Aruban florin	Aruba	EGP	Egyptian pound	Egypt	HUF	Hungarian forint	Hungary
AZN	Azerbaijan manat	Azerbaijan	ERN	Nakfa	Eritrea	IDR	Indonesian rupiah	Indonesia
BAM	Convertible marka	Bosnia and Herzegovina	ETB	Birr	Ethiopia	ILS	New 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. ¹ See Explanatory notes on individual countries, pp. 53 ff.

Explanatory notes

Euro foreign exchange reference rates of the European Central Bank

On 1 January 1999, 11 Member States of the European Union initially adopted the euro as their single currency. On 1 January 2001, Greece joined the euro area, followed by Slovenia on 1 January 2007, Cyprus and Malta on 1 January 2008, Slovakia on 1 January 2009, Estonia on 1 January 2011, Latvia on 1 January 2014 and Lithuania on 1 January 2015 (for details, see Table I. 1., p. 7).

Since the introduction of the euro, there has been no autonomous foreign exchange market for the currencies replaced by the euro; the euro alone is quoted against non-euro area currencies, such as the US dollar and the Japanese yen.

Since 4 January 1999, the ECB has published euro foreign exchange reference rates for selected currencies each working day. These rates are calculated on the basis of the daily concertation between central banks which takes place at 14:15 CET. Only one reference rate, 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/Frameworkfortheeuroforeignexchangerateen.pdf?c883afa875c74877fdf4634dcb85688c>.

Effective exchange rates of the euro

The indices of the nominal effective exchange rates of the euro are designed to measure, in aggregated form, the impact of changes in exchange rates on price competitiveness in the euro area industrial sector. They are calculated by the ECB on the basis of weighted averages of the bilateral euro exchange rates against the currencies of selected trading partners of the euro area, with Q1 1999 = 100. An increase in the index rate indicates an appreciation of the euro and thus, taken in isolation, a decrease in the price competitiveness of the domestic economy. The weights are based on trade in manufactured goods (SITC 5-8) and also capture third-market effects.

The table entitled "Overall trade weights used in the calculation of the effective exchange rates (EER) of the euro" on page 49 shows trading partners' membership of the EER-19 and EER-38 groups as well as their percentage weights. To prevent breaks in the time series, the indices of two consecutive weighting periods are chain-linked beyond the end of the first period. For information on the revision of trade weights carried out in August 2017, see the ECB's website (www.ecb.europa.eu/stats/exchange/effective/html/index.en.html).

The real effective exchange rates of the euro additionally take account of the differences in price movements between the groups of countries concerned. If the current price indices for determining the real effective exchange rates based on consumer price indices are not yet available, estimates are used for the calculation.

For further information on the calculation method, see the ECB's methodological notes relating to the daily nominal effective exchange rate of the euro and ECB Occasional Paper No 134 of June 2012, which can be downloaded from the ECB's website (www.ecb.europa.eu).

Indicators of the German economy's price competitiveness

The calculation of indicators of the German economy's price competitiveness, shown as a memo item, is methodologically consistent with the ECB's procedure for determining the effective exchange rates of the euro (see Deutsche Bundesbank, Monthly Report, November 2001, pp. 50-53, May 2007, pp. 31-35 and August 2017, pp. 41-43).

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

The group of 26 selected industrialised countries comprises the respective euro area countries (see Table I. 1., p. 7) as well as Canada, Denmark, Japan, Norway, Sweden, Switzerland, the United Kingdom and the United States.

The group of 37 countries comprises the euro area countries and the EER-19 group. The group of 56 countries consists of the euro area countries as well as the EER-38 group.

Overall trade weights used in the calculation of the effective exchange rates (EER) of the euro^o

Figures in %

As of August 2017

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

^o Figures have been rounded. The ECB also publishes weighting schemes and indicators for a group of 12 countries as well as for a group of 18 countries. ¹ Selected calculation periods; for a comprehensive overview, see <https://www.bundesbank.de/en/statistics/external-sector/effective-exchange-rates-of-the-euro>

■ 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 included in the SDR basket as the fifth currency. With effect from 1 October 2016, the SDR basket comprises the five fixed currency amounts shown in column (a). These were fixed on 30 September 2016 on the basis of the average exchange rates in the London spot exchange market in the

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

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

The above-mentioned currency amounts are converted into US dollar amounts on the basis of the market rates on every business day. In principle, the middle rates between the buying and selling rates fixed at noon in the London spot exchange market are used as market rates. The sum of the US dollar equivalents of the currency amounts yields the value of the SDR expressed in terms of the US dollar. Values of the SDR in terms of all other currencies are ascertained, using the value for the SDR in terms of the US dollar, from the representative market exchange rates of these currencies vis-à-vis the US dollar; for the euro, it is the reference exchange rate of the European Central Bank.

The current criteria for inclusion were adopted by the Executive Board in 2000. They establish that the SDR basket comprises the currencies that are issued by member countries or monetary unions whose exports had the largest value over a five-year period, and have been determined by the IMF to be "freely usable". In the case of a monetary union, exports of goods and services do not cover cross-border trade between the members of the monetary union.

The export criterion, which acts as a "gateway", aims to ensure that currencies that qualify for the basket are those issued by member countries or monetary unions that play a central role in the global economy. This criterion has been part of the SDR methodology since the 1970s.

The requirement for currencies in the SDR basket to be also freely usable is the second criterion, and it was incorporated in 2000 to reflect formally the importance of financial transactions for the purposes of valuing the SDR basket.

A "freely usable" currency is defined in the IMF's Articles of Agreement to mean a currency that the IMF determines is, in fact, widely used to make payments for international

transactions, and is widely traded in the major exchange markets. The concept of a freely usable currency concerns the actual international use and trading of a currency, and is different from whether a currency is either freely floating or fully convertible. A currency can be widely used and widely traded even if it is subject to some capital account restrictions. On the other hand, a currency that is fully convertible is not necessarily widely used and widely traded.

The formula adopted by the IMF for determining currency weights for the SDR basket assigns equal shares to the currency issuer's exports and a composite financial indicator. The financial indicator comprises, in equal shares, official reserves denominated in the member country's (or monetary union's) currency that are held by other monetary authorities that are not issuers of the relevant currency, foreign exchange turnover in the relevant currency, and the sum of all outstanding international bank liabilities and international debt securities denominated in the currency.

The IMF uses the SDR as unit of account for its transactions and for all conversions into national currencies. In addition, the SDR is used by public and private bodies in Germany and abroad, inter alia as the "successor" to those units of account which had hitherto been defined in terms of gold (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 2018 (see Table VI., pp. 44-45) is based on the IMF's "Annual Report on Exchange Arrangements and Exchange Restrictions 2018", which can be purchased from the IMF (<http://www.imfbookstore.org>).

The IMF's classification system is generally based on the actual, de facto exchange rate regimes identified and operating in member countries. These may differ from the official, de jure exchange rate arrangements in these countries.

Exchange rate arrangements are primarily classified on the basis of the degree to which the exchange rate is determined by the market rather than by official action, with market-determined exchange rates being on the whole more flexible. The IMF's system distinguishes between four major categories. The category "hard pegs" (fixed exchange rate anchors) is subdivided into exchange ar-

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

The monetary policy frameworks listed are as follows.

Exchange rate anchor

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

Monetary aggregate target

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

Inflation-targeting framework

This involves the public announcement of numerical targets for inflation, with an institutional commitment by the monetary authority to achieve these targets, typically over a medium-term horizon. Additional key features normally include increased communication with the public and the markets about the plans and objectives of monetary policymakers and increased accountability of the central bank for achieving its inflation objectives. Monetary policy decisions are often guided by the deviation of forecasts of

future inflation from the announced inflation target, with the inflation forecast acting (implicitly or explicitly) as the intermediate target of monetary policy.

Other

The country has no explicitly stated nominal anchor, but rather monitors various indicators in conducting monetary policy. This category is also used when no relevant information on the country is available.

Explanatory notes on individual countries

Angola

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

Argentina

In response to the spiralling financial and sovereign debt crisis, capital controls were imposed on 1 September 2019.

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.

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 bureaux.

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.

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 410 Naira to the US dollar at the end of March 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.

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.

Zimbabwe

The Zimbabwe dollar was devalued on 18 March 2020.

We recorded the following exchange rates:

17 March 2020	USD 1 = ZWL 18.4592
	EUR 1 = ZWL 20.63825
18 March 2020	USD 1 = ZWL 23.4943
	EUR 1 = ZWL 25.94005

Calculated using these exchange rates, the Zimbabwe dollar experienced a devaluation of 21.4% against the US dollar and 20.4% against the euro.