



Exchange rate statistics

December 2021

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 December 2021.

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/statistik-newsletter_en

Up-to-date information and time series are also available
online at:
www.bundesbank.de/content/821976
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	13 July 2020
Denmark Danish krone DKK	Upper rate	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824
	Central rate	¹ 7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038
	Lower rate	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252
Bulgaria Bulgarian lev BGN	Upper rate	–	–	–	–	–	–	–	2.24920
	Central rate	–	–	–	–	–	–	–	² 1.95583
	Lower rate	–	–	–	–	–	–	–	1.66246
Croatia Croatian kuna HRK	Upper rate	–	–	–	–	–	–	–	8.66468
	Central rate	–	–	–	–	–	–	–	² 7.53450
	Lower rate	–	–	–	–	–	–	–	6.40433
Greece Greek drachma GRD	Upper rate	406.075	³ 391.863	–	–	–	–	–	–
	Central rate	¹ 353.109	340.750	–	–	–	–	–	–
	Lower rate	300.143	289.638	–	–	–	–	–	–
Estonia Estonian kroon EEK	Upper rate	–	–	17.9936	17.9936	17.9936	17.9936	17.9936	–
	Central rate	–	–	15.6466	15.6466	15.6466	15.6466	⁴ 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	⁵ 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	⁶ 239.640	–	–	–
	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	⁷ 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	⁸ 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	⁷ 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	⁹ 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 According to the EU communiqué of 10 July 2020. ³ Until 31 December 2000; accession to the euro area on 1 January 2001. ⁴ Until 31 December

2010; accession to the euro area on 1 January 2011. ⁵ Until 31 December 2014; accession to the euro area on 1 January 2015. ⁶ Until 31 December 2006; accession to the euro area on 1 January 2007. ⁷ Until 31 December 2007; accession to the euro area on 1 January 2008. ⁸ Until 31 December 2013; accession to the euro area on 1 January 2014. ⁹ 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
2020 Nov.		1.9558	7.5538	26.192	7.4412	359.59	4.4710	4.8732	10.1778
Dec.		1.9558	7.5519	26.242	7.4409	363.89	4.5597	4.8683	10.0343
2021 Jan.		1.9558	7.5658	26.020	7.4370	358.39	4.5304	4.8750	10.1110
Feb.		1.9558	7.5830	26.195	7.4361	361.43	4.5186	4.8750	10.1388
Mar.		1.9558	7.5705	26.143	7.4373	363.27	4.6508	4.9223	10.2383
Apr.		1.9558	7.5465	25.883	7.4360	359.86	4.5635	4.9285	10.1640
May		1.9558	7.5062	25.454	7.4365	347.61	4.4856	4.9195	10.1210
June		1.9558	7.4913	25.488	7.4362	351.68	4.5201	4.9280	10.1110
July		1.9558	7.5003	25.501	7.4379	357.20	4.5636	4.9203	10.1868
Aug.		1.9558	7.4900	25.523	7.4360	348.80	4.5296	4.9359	10.1625
Sep.		1.9558	7.4889	25.495	7.4360	360.19	4.6197	4.9475	10.1683
Oct.		1.9558	7.5270	25.697	7.4389	360.00	4.6215	4.9493	9.9368
Nov.		1.9558	7.5315	25.526	7.4368	365.68	4.6639	4.9510	10.2860
2021 Nov.	18	1.9558	7.5120	25.230	7.4362	363.69	4.6565	4.9497	10.0555
	19	1.9558	7.5160	25.413	7.4366	367.80	4.6818	4.9495	10.0960
	22	1.9558	7.5185	25.373	7.4368	369.12	4.6984	4.9496	10.1280
	23	1.9558	7.5240	25.445	7.4364	370.91	4.7119	4.9495	10.1330
	24	1.9558	7.5190	25.501	7.4367	369.15	4.6802	4.9493	10.1905
	25	1.9558	7.5225	25.475	7.4362	366.61	4.6661	4.9494	10.1760
	26	1.9558	7.5228	25.662	7.4365	368.56	4.7117	4.9498	10.2600
	29	1.9558	7.5290	25.671	7.4367	368.58	4.6962	4.9498	10.2903
	30	1.9558	7.5315	25.526	7.4368	365.68	4.6639	4.9510	10.2860
Dec.	1	1.9558	7.5185	25.443	7.4362	363.78	4.6283	4.9467	10.2260
	2	1.9558	7.5245	25.420	7.4362	362.44	4.5953	4.9488	10.2658
	3	1.9558	7.5273	25.415	7.4362	363.86	4.5923	4.9493	10.3185
	6	1.9558	7.5265	25.421	7.4362	364.43	4.5924	4.9462	10.2688
	7	1.9558	7.5205	25.465	7.4363	365.88	4.5942	4.9488	10.2573
	8	1.9558	7.5250	25.475	7.4362	368.13	4.5962	4.9488	10.2513
	9	1.9558	7.5305	25.434	7.4362	365.81	4.6045	4.9493	10.2570
	10	1.9558	7.5250	25.365	7.4362	365.58	4.6123	4.9494	10.2463
	13	1.9558	7.5210	25.401	7.4362	367.07	4.6221	4.9494	10.2310
	14	1.9558	7.5213	25.334	7.4362	366.85	4.6300	4.9494	10.2810

		Other European and non-European countries							
		Australia	Brazil	Canada	China	Hong Kong	Iceland	India	Indonesia
Period		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
2020 Nov.		1.6246	6.3519	1.5516	7.8798	9.2862	159.06	88.7322	16,966.44
Dec.		1.5896	6.3735	1.5633	8.0225	9.5142	156.10	89.6605	17,240.76
2021 Jan.		1.5819	6.6568	1.5520	7.8047	9.4093	156.10	88.4320	16,994.16
Feb.		1.5605	6.6644	1.5331	7.8385	9.4010	152.90	89.5766	17,353.51
Mar.		1.5412	6.7409	1.4782	7.6812	9.1153	148.10	85.8130	17,030.56
Apr.		1.5581	6.4597	1.4834	7.8134	9.3816	149.60	89.4795	17,424.24
May		1.5775	6.3868	1.4727	7.7722	9.4690	147.60	88.5414	17,402.96
June		1.5853	5.9050	1.4722	7.6742	9.2293	146.50	88.3240	17,280.30
July		1.6133	6.0716	1.4791	7.6838	9.2451	146.60	88.3941	17,184.46
Aug.		1.6156	6.1386	1.4896	7.6465	9.2086	149.60	86.3850	16,879.69
Sep.		1.6095	6.2631	1.4750	7.4847	9.0184	150.90	86.0766	16,572.03
Oct.		1.5455	6.5698	1.4383	7.4488	9.0563	149.80	87.1830	16,556.28
Nov.		1.5898	6.3762	1.4518	7.2395	8.8601	147.00	85.3274	16,277.55
2021 Nov.	18	1.5580	6.2839	1.4295	7.2419	8.8366	148.80	84.2180	16,138.10
	19	1.5581	6.2680	1.4254	7.2027	8.7832	147.80	83.6905	16,105.54
	22	1.5532	6.3043	1.4257	7.1975	8.7875	148.20	83.8520	16,075.81
	23	1.5581	6.3298	1.4324	7.1943	8.7744	147.60	83.8395	16,069.18
	24	1.5549	6.2705	1.4227	7.1600	8.7372	146.60	83.4390	16,018.25
	25	1.5627	6.2643	1.4223	7.1676	8.7514	147.00	83.6074	16,034.61
	26	1.5795	6.3286	1.4397	7.2149	8.8045	147.40	84.5395	16,248.69
	29	1.5782	6.3184	1.4362	7.2002	8.7950	147.00	84.6635	16,193.78
	30	1.5898	6.3762	1.4518	7.2395	8.8601	147.00	85.3274	16,277.55
Dec.	1	1.5849	6.3498	1.4433	7.2065	8.8154	146.60	84.7485	16,249.40
	2	1.5975	6.3935	1.4526	7.2297	8.8375	146.80	85.0520	16,342.16
	3	1.5999	6.3687	1.4471	7.1935	8.8006	146.80	84.8455	16,288.18
	6	1.6034	6.4160	1.4437	7.1986	8.8053	147.20	85.1190	16,306.04
	7	1.5836	6.3327	1.4258	7.1671	8.7753	147.40	84.8780	16,175.52
	8	1.5841	6.3350	1.4281	7.1726	8.8088	147.40	85.2345	16,205.54
	9	1.5840	6.2718	1.4363	7.2114	8.8186	147.40	85.5075	16,265.76
	10	1.5765	6.2923	1.4340	7.1814	8.7918	147.80	85.3105	16,202.70
	13	1.5795	6.3190	1.4388	7.1777	8.7967	148.00	85.4225	16,155.54
	14	1.5866	6.3723	1.4490	7.1956	8.8227	147.40	85.8790	16,179.72

* 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
2020 Nov.	3.9644	124.79	1,326.08	4.8807	24.0499	1.7027	10.5610	57.690
Dec.	3.9447	126.49	1,336.00	4.9340	24.4160	1.6984	10.4703	59.125
2021 Jan.	3.9814	127.05	1,354.98	4.9060	24.5417	1.6863	10.3430	58.333
Feb.	4.0072	128.83	1,367.10	4.9096	25.2879	1.6622	10.4012	59.090
Mar.	3.9178	129.91	1,324.19	4.8618	24.0506	1.6769	9.9955	56.901
Apr.	3.9199	131.62	1,346.24	4.9482	24.2345	1.6738	9.9533	58.286
May	3.9608	133.79	1,352.04	5.0323	24.3131	1.6799	10.2183	58.138
June	3.8763	131.43	1,341.41	4.9336	23.5784	1.7026	10.1717	58.063
July	3.8403	130.39	1,368.74	5.0180	23.6277	1.6990	10.4405	59.479
Aug.	3.7951	129.95	1,370.03	4.9194	23.7864	1.6760	10.2600	58.765
Sep.	3.7363	129.67	1,371.58	4.8475	23.7439	1.6858	10.1650	59.066
Oct.	3.6670	132.62	1,362.92	4.8222	23.8048	1.6255	9.7495	58.654
Nov.	3.5887	128.20	1,350.29	4.7753	24.5059	1.6644	10.2795	57.271
2021 Nov. 18	3.4941	129.58	1,342.26	4.7439	23.5605	1.6106	9.9523	57.099
19	3.4887	128.22	1,344.64	4.7152	23.4637	1.6098	10.0483	57.073
22	3.4842	128.69	1,338.72	4.7204	23.5855	1.6095	10.0715	57.146
23	3.5014	129.36	1,340.60	4.7277	23.7773	1.6241	10.0710	57.119
24	3.5163	129.06	1,331.51	4.7183	23.8330	1.6257	10.0260	56.504
25	3.5470	129.41	1,337.04	4.7468	24.1647	1.6394	10.0655	56.451
26	3.5863	128.82	1,348.90	4.7863	24.4974	1.6538	10.1613	56.997
29	3.5617	128.21	1,344.73	4.7793	24.6700	1.6552	10.2140	56.787
30	3.5887	128.20	1,350.29	4.7753	24.5059	1.6644	10.2795	57.271
Dec. 1	3.5623	128.27	1,330.53	4.7745	24.0869	1.6548	10.2195	57.004
2	3.5904	127.94	1,333.57	4.7964	24.1963	1.6662	10.2962	57.320
3	3.5655	127.97	1,334.04	4.7772	23.9841	1.6634	10.2875	57.048
6	3.5726	127.78	1,333.81	4.7817	23.9694	1.6703	10.2943	56.915
7	3.5495	127.83	1,325.50	4.7635	23.8972	1.6607	10.1900	56.772
8	3.5176	128.57	1,328.25	4.7733	23.6365	1.6659	10.0960	56.784
9	3.5130	128.21	1,331.42	4.7693	23.8011	1.6672	10.1550	57.045
10	3.4931	128.20	1,331.35	4.7488	23.6094	1.6635	10.1335	56.746
13	3.5040	128.19	1,333.60	4.7678	23.5354	1.6651	10.1598	56.731
14	3.5242	128.45	1,338.31	4.7860	23.7839	1.6723	10.2475	56.882

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 Pound sterling GBP	United States US dollar USD
2020 Nov.	91.1439	1.6029	18.4251	1.0839	36.257	9.3155	0.89845	1.1980
Dec.	91.4671	1.6218	18.0219	1.0802	36.727	9.1131	0.89903	1.2271
2021 Jan.	91.8979	1.6121	18.3058	1.0798	36.287	8.8772	0.88383	1.2136
Feb.	90.6697	1.6106	18.1025	1.0986	36.799	9.0168	0.87053	1.2121
Mar.	88.3175	1.5768	17.3484	1.1070	36.658	9.7250	0.85209	1.1725
Apr.	90.7108	1.6045	17.3875	1.0998	37.648	9.9777	0.86863	1.2082
May	89.5350	1.6130	16.7974	1.0982	38.067	10.3728	0.86013	1.2201
June	86.7725	1.5976	17.0114	1.0980	38.118	10.3210	0.85805	1.1884
July	86.7116	1.6090	17.3283	1.0771	39.098	9.9985	0.85140	1.1891
Aug.	86.7600	1.5897	17.2282	1.0799	38.129	9.8310	0.85875	1.1834
Sep.	84.3391	1.5760	17.5629	1.0830	39.235	10.2981	0.86053	1.1579
Oct.	82.3284	1.5676	17.7447	1.0611	38.720	11.1393	0.84490	1.1645
Nov.	84.6123	1.5521	18.2269	1.0430	38.282	14.9342	0.85173	1.1363
2021 Nov. 18	82.8200	1.5408	17.7211	1.0511	37.030	12.5522	0.84173	1.1345
19	82.8124	1.5344	17.7513	1.0462	36.969	12.5247	0.83928	1.1271
22	84.4872	1.5357	17.7799	1.0454	37.116	12.6714	0.83923	1.1278
23	84.5002	1.5381	17.8490	1.0492	37.275	14.1306	0.84185	1.1259
24	83.8087	1.5330	17.8078	1.0484	37.389	13.5022	0.83935	1.1206
25	83.9075	1.5350	17.8177	1.0480	37.496	13.4739	0.84295	1.1223
26	84.9702	1.5470	18.2448	1.0446	38.006	13.7642	0.84620	1.1291
29	84.0171	1.5441	18.2509	1.0440	37.978	14.3166	0.84583	1.1276
30	84.6123	1.5521	18.2269	1.0430	38.282	14.9342	0.85173	1.1363
Dec. 1	83.6246	1.5431	17.9011	1.0427	38.151	15.1664	0.85000	1.1314
2	83.5138	1.5501	17.9652	1.0414	38.413	15.2937	0.85135	1.1339
3	83.0225	1.5466	17.9509	1.0387	38.254	15.6131	0.85048	1.1291
6	83.3889	1.5456	18.0231	1.0416	38.252	15.5642	0.85128	1.1287
7	83.7755	1.5380	17.9612	1.0414	37.910	15.3690	0.84933	1.1256
8	83.3019	1.5415	17.8168	1.0432	37.829	15.4796	0.85603	1.1299
9	83.2976	1.5446	18.0190	1.0446	37.960	15.6175	0.85740	1.1311
10	82.8024	1.5396	18.0414	1.0424	37.945	15.6908	0.85355	1.1273
13	82.8238	1.5420	17.9694	1.0418	37.612	16.0525	0.85158	1.1278
14	83.1963	1.5469	18.1219	1.0404	37.716	16.2092	0.85345	1.1309

* See Explanatory notes, p. 48.

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	
2019	1.9558	7.4180	25.670	7.4661	325.30	4.2976	4.7453	10.5891	
2020	1.9558	7.5384	26.455	7.4542	351.25	4.4430	4.8383	10.4848	
2019 Oct.	1.9558	7.4363	25.689	7.4693	331.46	4.3013	4.7538	10.8023	
Nov.	1.9558	7.4400	25.531	7.4720	333.62	4.2855	4.7698	10.6497	
Dec.	1.9558	7.4416	25.497	7.4720	330.71	4.2726	4.7779	10.4827	
2020 Jan.	1.9558	7.4429	25.216	7.4729	334.38	4.2507	4.7788	10.5544	
Feb.	1.9558	7.4543	25.051	7.4713	337.17	4.2766	4.7837	10.5679	
Mar.	1.9558	7.5706	26.575	7.4703	345.68	4.4406	4.8282	10.8751	
Apr.	1.9558	7.5928	27.262	7.4617	356.69	4.5337	4.8371	10.8845	
May	1.9558	7.5749	27.269	7.4577	350.76	4.5251	4.8371	10.5970	
June	1.9558	7.5682	26.681	7.4548	347.69	4.4450	4.8392	10.4869	
July	1.9558	7.5296	26.514	7.4467	351.16	4.4493	4.8383	10.3538	
Aug.	1.9558	7.5077	26.167	7.4460	348.93	4.3995	4.8376	10.3087	
Sep.	1.9558	7.5417	26.741	7.4418	360.61	4.4727	4.8602	10.4279	
Oct.	1.9558	7.5746	27.213	7.4424	362.53	4.5414	4.8747	10.3967	
Nov.	1.9558	7.5623	26.466	7.4459	359.84	4.4949	4.8704	10.2311	
Dec.	1.9558	7.5417	26.311	7.4412	359.02	4.4786	4.8703	10.1736	
2021 Jan.	1.9558	7.5653	26.141	7.4387	359.19	4.5333	4.8732	10.0952	
Feb.	1.9558	7.5729	25.876	7.4367	358.15	4.4968	4.8750	10.0887	
Mar.	1.9558	7.5783	26.178	7.4363	365.61	4.5991	4.8884	10.1692	
Apr.	1.9558	7.5679	25.924	7.4367	360.58	4.5615	4.9231	10.1620	
May	1.9558	7.5226	25.558	7.4362	353.65	4.5281	4.9250	10.1471	
June	1.9558	7.4980	25.454	7.4364	349.94	4.5005	4.9238	10.1172	
July	1.9558	7.5027	25.636	7.4373	357.26	4.5616	4.9255	10.1979	
Aug.	1.9558	7.4960	25.470	7.4369	351.84	4.5687	4.9232	10.2157	
Sep.	1.9558	7.4924	25.392	7.4361	352.51	4.5681	4.9471	10.1710	
Oct.	1.9558	7.5135	25.496	7.4398	360.82	4.5909	4.9480	10.0557	
Nov.	1.9558	7.5195	25.391	7.4373	364.50	4.6462	4.9494	10.0459	

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	1.6109	4.4134	1.4855	7.7355	8.7715	137.28	78.8361	15,835.27	
2020	1.6549	5.8943	1.5300	7.8747	8.8587	154.59	84.6392	16,627.37	
2019 Oct.	1.6271	4.5212	1.4581	7.8447	8.6678	137.73	78.5177	15,604.45	
Nov.	1.6181	4.5900	1.4630	7.7571	8.6511	136.52	78.9799	15,546.69	
Dec.	1.6154	4.5700	1.4640	7.7974	8.6744	135.63	79.1092	15,568.87	
2020 Jan.	1.6189	4.6020	1.4523	7.6832	8.6283	137.10	79.1342	15,236.08	
Feb.	1.6356	4.7327	1.4485	7.6302	8.4785	138.23	77.9818	15,032.66	
Mar.	1.7788	5.3986	1.5417	7.7675	8.5907	149.11	82.4374	16,851.13	
Apr.	1.7271	5.7807	1.5287	7.6858	8.4194	157.11	82.7869	17,178.89	
May	1.6724	6.1499	1.5219	7.7482	8.4511	156.61	82.4983	16,198.23	
June	1.6322	5.8377	1.5254	7.9734	8.7226	152.71	85.2212	15,987.12	
July	1.6304	6.0590	1.5481	8.0352	8.8854	158.49	85.8847	16,659.27	
Aug.	1.6433	6.4381	1.5654	8.1954	9.1671	161.77	88.2309	17,402.53	
Sep.	1.6307	6.3663	1.5586	8.0333	9.1393	162.69	86.7266	17,491.99	
Oct.	1.6521	6.6170	1.5559	7.9225	9.1262	163.65	86.5891	17,348.27	
Nov.	1.6266	6.4324	1.5472	7.8152	9.1775	161.90	87.8553	16,824.32	
Dec.	1.6166	6.2658	1.5595	7.9602	9.4341	155.13	89.6081	17,226.83	
2021 Jan.	1.5764	6.5102	1.5494	7.8730	9.4362	156.48	88.9936	17,111.98	
Feb.	1.5605	6.5434	1.5354	7.8136	9.3794	155.26	88.0756	17,002.56	
Mar.	1.5444	6.7247	1.4970	7.7465	9.2400	151.51	86.6550	17,135.25	
Apr.	1.5544	6.6565	1.4975	7.8051	9.3064	150.75	89.4210	17,414.37	
May	1.5653	6.4462	1.4732	7.8109	9.4317	149.66	88.9171	17,393.13	
June	1.5761	6.0693	1.4713	7.7391	9.3507	146.84	88.6298	17,295.86	
July	1.5926	6.0930	1.4806	7.6536	9.1862	147.10	88.1134	17,148.30	
Aug.	1.6118	6.1884	1.4827	7.6237	9.1633	148.45	87.2573	16,926.94	
Sep.	1.6087	6.1966	1.4910	7.6007	9.1583	150.96	86.6330	16,781.39	
Oct.	1.5669	6.4204	1.4436	7.4500	9.0257	149.66	86.9571	16,450.02	
Nov.	1.5615	6.3434	1.4339	7.2927	8.8922	149.16	85.0038	16,298.12	

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

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
2019	3.9901	122.01	1,305.32	4.6374	21.5565	1.6998	9.8511	57.985
2020	3.9258	121.85	1,345.58	4.7959	24.5194	1.7561	10.7228	56.615
2019 Oct.	3.8882	119.51	1,308.65	4.6283	21.3687	1.7455	10.1165	56.860
Nov.	3.8472	120.34	1,291.19	4.5937	21.3399	1.7266	10.1087	56.062
Dec.	3.8630	121.24	1,306.19	4.6093	21.2640	1.6864	10.0429	56.432
2020 Jan.	3.8417	121.36	1,296.12	4.5279	20.8733	1.6811	9.9384	56.436
Feb.	3.7432	120.03	1,303.58	4.5391	20.5356	1.7064	10.1327	55.369
Mar.	3.9860	118.90	1,347.99	4.7549	24.7250	1.8276	11.2943	56.453
Apr.	3.8771	116.97	1,328.89	4.7307	26.3607	1.8109	11.3365	55.065
May	3.8348	116.87	1,340.44	4.7331	25.5652	1.7890	10.9862	55.121
June	3.8893	121.12	1,358.75	4.8118	25.0828	1.7473	10.7298	56.333
July	3.9331	122.38	1,374.16	4.8878	25.6999	1.7406	10.6544	56.619
Aug.	4.0214	125.40	1,403.44	4.9506	26.2544	1.7931	10.5797	57.682
Sep.	4.0350	124.50	1,388.68	4.8935	25.5361	1.7681	10.7769	57.223
Oct.	3.9966	123.89	1,347.03	4.8891	25.0613	1.7736	10.9220	57.107
Nov.	3.9773	123.61	1,319.66	4.8673	24.1554	1.7237	10.7453	57.127
Dec.	3.9513	126.28	1,332.54	4.9363	24.2914	1.7161	10.6008	58.527
2021 Jan.	3.9249	126.31	1,338.64	4.9154	24.2483	1.6924	10.3661	58.498
Feb.	3.9581	127.49	1,345.06	4.8944	24.5557	1.6702	10.2791	58.401
Mar.	3.9402	129.38	1,345.58	4.8907	24.7451	1.6686	10.1469	57.783
Apr.	3.9205	130.49	1,337.96	4.9358	24.0005	1.6788	10.0376	58.067
May	3.9623	132.57	1,364.47	5.0142	24.2682	1.6817	10.0931	58.222
June	3.9179	132.63	1,352.47	4.9808	24.1066	1.6944	10.1444	58.040
July	3.8668	130.35	1,354.46	4.9680	23.6101	1.6933	10.3767	59.264
Aug.	3.7942	129.28	1,366.74	4.9660	23.6237	1.6872	10.4195	59.088
Sep.	3.7744	129.66	1,380.51	4.9054	23.5675	1.6676	10.1861	59.115
Oct.	3.7292	131.21	1,371.23	4.8307	23.7308	1.6452	9.8143	58.835
Nov.	3.5588	130.12	1,351.74	4.7695	23.8113	1.6261	9.9661	57.473

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 Pound sterling GBP	United States US dollar USD
2019	72.4553	1.5273	16.1757	1.1124	34.757	6.3578	0.87777	1.1195
2020	82.7248	1.5742	18.7655	1.0705	35.708	8.0547	0.88970	1.1422
2019 Oct.	71.0858	1.5150	16.4939	1.0981	33.558	6.4023	0.87539	1.1053
Nov.	70.5770	1.5047	16.3444	1.0978	33.422	6.3420	0.85761	1.1051
Dec.	69.9867	1.5081	16.0502	1.0925	33.562	6.5022	0.84731	1.1113
2020 Jan.	68.7690	1.5003	16.0091	1.0765	33.814	6.5808	0.84927	1.1100
Feb.	69.9107	1.5157	16.3640	1.0648	34.163	6.6195	0.84095	1.0905
Mar.	82.4264	1.5671	18.4175	1.0591	35.499	7.0170	0.89460	1.1063
Apr.	81.7454	1.5474	20.1822	1.0545	35.446	7.4617	0.87547	1.0862
May	79.2332	1.5461	19.7453	1.0574	34.953	7.5527	0.88685	1.0902
June	78.0103	1.5686	19.2726	1.0712	35.077	7.6807	0.89878	1.1255
July	82.0171	1.5906	19.2174	1.0711	36.014	7.8843	0.90467	1.1463
Aug.	87.3520	1.6195	20.3836	1.0767	36.911	8.6144	0.90081	1.1828
Sep.	89.5997	1.6104	19.7338	1.0786	36.997	8.9084	0.90947	1.1792
Oct.	91.4320	1.6008	19.3657	1.0739	36.796	9.3701	0.90741	1.1775
Nov.	91.0097	1.5944	18.4019	1.0785	36.041	9.4522	0.89605	1.1838
Dec.	90.2398	1.6218	18.1286	1.0814	36.610	9.3817	0.90624	1.2170
2021 Jan.	90.5697	1.6140	18.4295	1.0794	36.528	9.0059	0.89267	1.2171
Feb.	89.9554	1.6060	17.8629	1.0858	36.307	8.5785	0.87268	1.2098
Mar.	88.6326	1.5975	17.8284	1.1065	36.632	9.1301	0.85873	1.1899
Apr.	91.1446	1.5975	17.2486	1.1031	37.551	9.7936	0.86527	1.1979
May	89.8737	1.6153	17.0766	1.0968	37.992	10.1852	0.86258	1.2146
June	87.4561	1.6062	16.7540	1.0940	37.873	10.3823	0.85872	1.2047
July	87.3970	1.6019	17.1648	1.0856	38.586	10.1587	0.85613	1.1822
Aug.	86.6067	1.5947	17.3827	1.0762	38.956	9.9788	0.85287	1.1772
Sep.	85.7740	1.5864	17.1373	1.0857	38.919	10.0691	0.85683	1.1770
Oct.	82.7727	1.5673	17.2300	1.0708	38.813	10.6809	0.84694	1.1601
Nov.	83.1111	1.5487	17.7055	1.0522	37.773	12.2361	0.84786	1.1414

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

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								
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	–	–
2020	1.9558	7.5519	–	26.242	7.4409	–	363.89	–	–
	Annual averages ⁺								
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	–	–
2020	1.9558	7.5384	–	26.455	7.4542	–	351.25	–	–

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	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								
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
2020	–	4.5597	4.8683	–	10.0343	1.5896	6.3735	1.5633	8.0225
	Annual averages ⁺								
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
2020	–	4.4430	4.8383	–	10.4848	1.6549	5.8943	1.5300	7.8747

* 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*

4. Exchange rates of major currencies

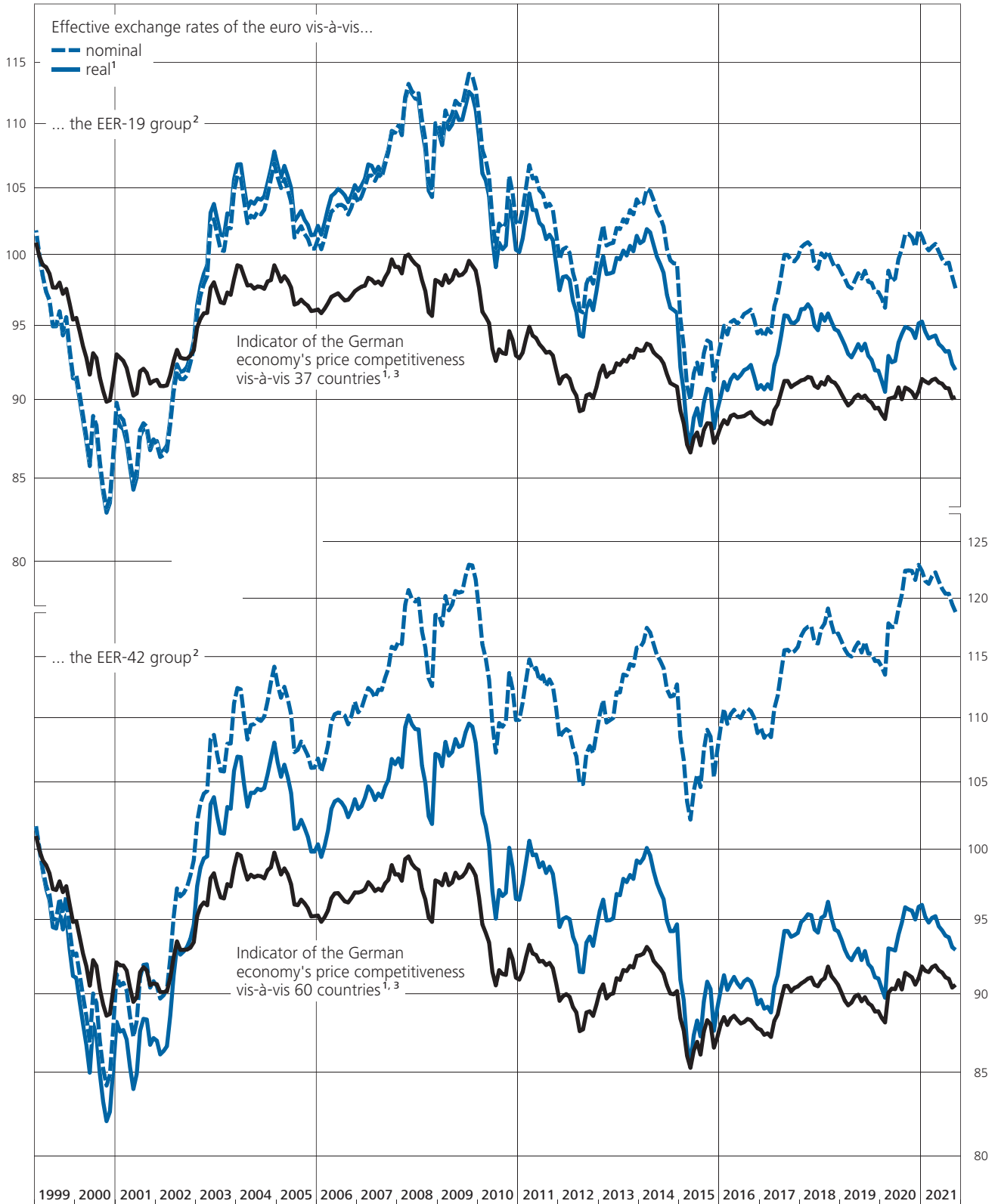


* See explanatory notes, p. 48. ¹ Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB.

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



* The weights are based on trade in manufactured goods and services. For more detailed information on methodology and definition of country groups, see Explanatory notes, pp. 48–50. A decline in the figures implies an increase in competitiveness. **1** Based on consumer price indices. **2** Includes the 19 respectively 42 most important trading partners of the euro area economy. **3** Includes the 37 respectively 60 most important trading partners of the German economy.

III. Effective exchange rates

2. Effective exchange rates of the euro *

Q1 1999 = 100

		Effective exchange rates of the euro vis-à-vis the currencies of the group					
		EER-19 1			EER-42 1		
Yearly, quarterly or monthly average	Nominal	In real terms based on consumer price indices	In real terms based on the deflators of gross domestic product	In real terms based on unit labour costs of national economy	Nominal	In real terms based on consumer price indices	
	1999	96.2	96.2	96.1	96.1	96.6	96.0
2000	87.1	86.8	86.1	85.5	88.1	86.1	
2001	87.6	87.1	86.8	84.5	90.2	86.9	
2002	89.8	90.2	89.9	88.0	94.5	90.5	
2003	100.4	101.3	101.0	99.1	106.4	101.5	
2004	104.2	105.2	104.0	102.3	110.9	105.3	
2005	102.8	103.8	102.0	100.6	109.0	102.9	
2006	102.8	103.8	101.5	99.5	109.1	102.2	
2007	106.3	106.8	103.7	101.2	112.7	104.4	
2008	110.1	109.7	105.8	104.9	117.4	106.9	
2009	111.6	110.5	107.0	108.6	120.5	107.9	
2010	104.4	102.8	98.8	101.0	111.9	99.0	
2011	104.2	101.9	97.0	99.3	112.7	98.5	
2012	98.5	96.7	91.4	93.7	107.5	93.7	
2013	102.0	99.7	94.5	96.6	112.2	96.7	
2014	102.3	99.1	94.4	96.7	114.5	97.1	
2015	92.5	89.4	85.8	86.2	106.1	88.6	
2016	95.2	91.4	88.1	p 87.4	110.1	90.6	
2017	97.4	93.3	89.2	p 88.1	112.4	91.8	
2018	99.9	95.5	90.7	p 89.6	117.3	94.9	
2019	98.1	93.1	88.9	p 87.2	115.4	92.3	
2020	99.6	93.5	p 89.3	p 87.8	119.4	93.8	
2019 Dec.	97.3	91.9			114.6	91.0	
2020 Jan.	96.9	91.2			114.1	90.3	
Feb.	96.2	90.5	88.0	p 87.0	113.5	89.7	
Mar.	98.8	92.9			117.8	93.0	
Apr.	98.1	92.5			117.5	93.0	
May	98.3	92.6	88.9	p 87.5	117.5	92.9	
June	99.7	93.8			119.1	93.9	
July	100.4	94.4			120.3	94.8	
Aug.	101.5	94.9	90.2	p 88.6	122.4	95.8	
Sep.	101.5	94.8			122.4	95.7	
Oct.	101.3	94.6			122.4	95.6	
Nov.	100.6	94.1	p 90.3	p 88.2	121.6	95.0	
Dec.	101.8	95.1			122.9	95.9	
2021 Jan.	101.3	95.2			122.4	96.0	
Feb.	100.6	94.5	p 90.0	p 87.8	121.5	95.2	
Mar.	100.3	94.1			121.2	94.8	
Apr.	100.6	94.2			121.9	95.1	
May	100.8	94.3	p 88.8	p 85.9	122.3	95.2	
June	100.2	93.7			121.5	94.5	
July	99.7	p 93.5			120.8	p 94.2	
Aug.	99.3	p 93.2	...	...	120.4	p 93.9
Sep.	99.4	p 93.2			120.4	p 93.8	
Oct.	98.4	p 92.4			119.5	p 93.1	
Nov.	97.6	p 92.0	...	...	118.8	p 92.9
2021 Nov. 15	97.7	-	-	-	118.6	-	
16	97.3	-	-	-	118.2	-	
17	97.0	-	-	-	117.9	-	
18	97.1	-	-	-	118.3	-	
19	96.9	-	-	-	118.0	-	
22	96.9	-	-	-	118.1	-	
23	97.1	-	-	-	118.6	-	
24	96.7	-	-	-	118.1	-	
25	96.8	-	-	-	118.2	-	
26	97.3	-	-	-	119.0	-	
29	97.2	-	-	-	119.0	-	
30	97.5	-	-	-	119.5	-	
Dec. 1	97.1	-	-	-	119.1	-	
2	97.3	-	-	-	119.3	-	
3	97.1	-	-	-	119.1	-	
6	97.1	-	-	-	119.1	-	
7	96.8	-	-	-	118.8	-	
8	97.1	-	-	-	119.0	-	
9	97.3	-	-	-	119.3	-	
10	97.0	-	-	-	119.0	-	
13	97.0	-	-	-	119.0	-	
14	97.2	-	-	-	119.3	-	

* The weights are based on trade in manufactured goods and services. For information on methodology and grouping of countries, see Explanatory notes, pp. 48-50. A decline in the figures implies an increase in competitiveness. Where current price and

wage indices were not available, estimates were used. 1 Includes the 19 respectively 42 most important trading partners for the euro area economy.

III. Effective exchange rates

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

Q1 1999 = 100

Yearly, quarterly or monthly average	Based on the deflators of total sales vis-à-vis				Based on consumer price indices vis-à-vis					
	26 selected industrial countries ¹			37 countries ²	26 selected industrial countries ¹			37 countries ²	60 countries ²	
	Total	of which:			Total	of which:				
		Euro area countries	Non-euro area countries			Euro area countries	Non-euro area countries			
1999	97.9	99.6	95.9	97.7	98.3	100.1	96.1	98.1	97.8	
2000	92.0	97.4	85.5	91.2	93.1	99.0	86.1	92.3	91.2	
2001	91.7	96.5	86.0	90.5	93.0	98.1	86.9	91.7	91.1	
2002	92.3	95.6	88.5	91.0	93.5	96.9	89.4	92.2	91.9	
2003	95.8	94.7	97.6	95.3	97.0	95.7	99.0	96.7	96.9	
2004	96.2	93.5	100.0	95.6	98.5	95.4	102.8	98.2	98.5	
2005	94.7	92.0	98.8	93.3	98.4	95.2	103.1	97.1	96.8	
2006	93.5	90.3	98.2	91.6	98.6	94.8	104.0	96.7	96.1	
2007	94.5	89.6	102.0	91.9	100.9	95.1	109.6	98.3	97.4	
2008	94.8	88.3	105.2	91.3	102.4	94.5	114.6	98.4	97.6	
2009	95.2	89.1	104.7	92.0	101.9	94.4	113.5	98.6	98.0	
2010	92.5	88.7	98.2	88.1	98.8	94.0	105.7	94.3	92.6	
2011	92.1	88.4	97.6	87.3	98.2	93.7	104.7	93.5	92.0	
2012	90.1	88.3	92.5	84.7	95.9	93.2	99.5	90.5	89.0	
2013	92.3	88.7	97.5	86.6	98.1	93.3	105.2	92.3	91.0	
2014	92.9	89.6	97.7	87.4	98.2	93.6	104.7	92.5	91.6	
2015	89.8	90.2	88.9	83.6	94.4	94.1	94.4	87.8	87.0	
2016	90.6	90.7	90.5	84.9	95.0	94.1	96.1	88.8	88.2	
2017	91.9	90.8	93.3	85.7	96.3	94.3	99.1	89.9	89.0	
2018	93.1	90.9	96.4	86.7	97.7	94.4	102.5	91.2	90.9	
2019	92.1	91.1	93.5	85.8	96.4	94.3	99.2	89.9	89.5	
2020	92.1	91.2	93.2	86.2	96.4	94.2	99.5	90.1	90.3	
2018 June					97.5	94.4	101.9	90.8	90.5	
July					97.4	94.1	102.1	91.1	90.9	
Aug.	93.0	90.9	96.1	86.8	97.3	94.2	101.5	91.0	91.0	
Sep.					97.7	94.6	102.2	91.5	91.8	
Oct.					97.3	94.5	101.4	91.2	91.2	
Nov.	92.9	91.3	95.3	86.7	97.3	94.7	101.0	91.1	90.9	
Dec.					97.2	94.5	100.9	90.8	90.6	
2019 Jan.					96.8	94.2	100.4	90.4	90.1	
Feb.	92.1	90.7	94.0	85.6	96.5	94.0	99.9	90.0	89.5	
Mar.					96.2	93.9	99.2	89.6	89.2	
Apr.					96.5	94.3	99.4	89.8	89.4	
May	92.2	91.0	93.8	85.7	96.7	94.5	99.6	90.2	89.8	
June					96.8	94.4	100.2	90.3	89.9	
July					96.7	94.5	99.7	90.1	89.5	
Aug.	92.3	91.3	93.5	86.0	96.5	94.3	99.5	90.3	89.8	
Sep.					96.2	94.4	98.5	90.0	89.4	
Oct.					96.2	94.4	98.5	89.8	89.2	
Nov.	92.0	91.3	92.8	85.8	95.9	94.4	97.9	89.4	88.8	
Dec.					95.9	94.4	97.9	89.5	88.9	
2020 Jan.					95.9	94.5	97.6	89.0	88.4	
Feb.	91.5	91.3	91.8	85.4	95.5	94.5	96.6	88.7	88.1	
Mar.					96.4	94.6	98.8	90.0	90.1	
Apr.					96.2	94.8	98.0	90.1	90.3	
May	91.2	91.1	91.2	85.8	96.3	94.8	98.2	90.2	90.3	
June					97.0	94.8	100.1	90.8	90.9	
July					96.0	93.4	99.6	90.0	90.3	
Aug.	92.7	91.3	94.5	86.9	97.0	94.2	101.0	90.8	91.4	
Sep.					96.9	94.0	101.0	90.7	91.2	
Oct.					96.6	93.8	100.7	90.5	91.1	
Nov.	92.8	91.1	95.2	86.7	96.5	93.7	100.4	90.1	90.6	
Dec.					97.0	93.6	101.8	90.6	91.0	
2021 Jan.					97.9	94.6	102.7	91.4	91.8	
Feb.	92.9	91.3	95.1	86.6	97.9	94.8	102.2	91.2	91.5	
Mar.					97.7	94.8	101.6	91.1	91.4	
Apr.					98.0	95.0	102.1	91.3	91.8	
May	92.8	91.1	95.4	86.3	98.1	95.1	102.5	91.4	91.9	
June					97.9	95.1	101.9	91.1	91.5	
July					97.7	95.3	101.1	91.0	91.4	
Aug.	94.0	92.5	96.1	p 87.2	97.4	95.1	100.6	p 90.8	p 91.1	
Sep.					97.4	95.0	100.7	p 90.7	p 91.0	
Oct.					p 96.7	p 94.7	99.4	p 90.1	p 90.4	
Nov.	...	...	...	...	p 97.0	p 95.4	p 99.1	p 90.2	p 90.6

* The weights are based on trade in manufactured goods and services. For information on methodology and grouping of countries, see Explanatory notes, pp. 48-50. A decline in the figures implies an increase in competitiveness. Where current price and wage indices were not available, estimates were used. ¹ Includes euro area countries

(moving composition) as well as the 8 most important trading partners for the German economy. ² Includes the 37 respectively 60 most important trading partners for the German economy.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month			
					September 2021	October 2021	November 2021	
Afghanistan								
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 76.6094	AFN 89.9458	AFN 90.6000	AFN 96.1600	
		S	USD 1 =	AFN 76.7094	AFN 90.0458	AFN 90.7000	AFN 96.2600	
	AFN	B	EUR 1 =	AFN 86.7677	AFN 102.4200	AFN 103.3325	AFN 107.5283	
		S	EUR 1 =	AFN 87.0277	AFN 102.6800	AFN 103.5925	AFN 107.7883	
	Albania							
	Tirana 070	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 108.65	ALL 104.79	ALL 105.47	ALL 107.49
M			EUR 1 =	ALL 123.93	ALL 121.54	ALL 122.84	ALL 121.19	
Algeria								
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 126.7989	DZD 137.2551	DZD 136.8680	DZD 138.5714	
		S	USD 1 =	DZD 126.8139	DZD 137.2701	DZD 136.8830	DZD 138.5864	
	DZD	B	EUR 1 =	DZD 144.7994	DZD 159.0238	DZD 159.5197	DZD 157.4448	
		S	EUR 1 =	DZD 144.8522	DZD 159.0960	DZD 159.5508	DZD 157.5173	
Angola ¹								
Luanda 330	Kwanza = 100 cêntimos AOA	M	USD 1 =	AOA 583.191	AOA 599.168	AOA 597.000	AOA 565.138	
		M	EUR 1 =	AOA 669.781	AOA 693.208	AOA 695.744	AOA 641.233	
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 3.0705	XCD 3.1127	XCD 3.1304	XCD 3.0546	
		V, S	EUR 1 =	XCD 3.1032	XCD 3.1459	XCD 3.1638	XCD 3.0872	
Argentina ¹								
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 70.3985	ARS 98.5400	ARS 99.5200	ARS 100.7600	
		S	USD 1 =	ARS 70.5985	ARS 98.7400	ARS 99.7200	ARS 100.9600	
	ARS	B	EUR 1 =	ARS 80.5658	ARS 113.8827	ARS 114.8859	ARS 113.9193	
		S	EUR 1 =	ARS 80.9705	ARS 114.3607	ARS 115.3661	ARS 114.3978	
Armenia								
Yerevan 077	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 490.13	AMD 484.20	AMD 477.80	AMD 486.28	
		M	EUR 1 =	AMD 560.98	AMD 561.43	AMD 556.73	AMD 552.46	
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 204.28	AWG 206.16	AWG 207.55	AWG 202.26	
		S	EUR 100 =	AWG 206.33	AWG 208.23	AWG 209.64	AWG 204.30	

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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.6906	USD 0.7206	USD 0.7546	USD 0.7144
		M	AUD 1 =	EUR 0.6047	EUR 0.6215	EUR 0.6469	EUR 0.6323
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
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 1.9454	AZN 1.9724	AZN 1.9847	AZN 1.9204
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 1.13649	BSD 1.15211	BSD 1.15868	BSD 1.13062
		V, S	EUR 1 =	BSD 1.15648	BSD 1.17237	BSD 1.17906	BSD 1.15050
Bahrain							
Manama 640	Bahraini dinar = 1,000 fils BHD	2 M	USD 1 =	BHD 0.37605	BHD 0.376081	BHD 0.376081	BHD 0.376081
		M	EUR 1 =	BHD 0.4317865	BHD 0.4363110	BHD 0.4346750	BHD 0.4245390
Bangladesh 1							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 84.8655	BDT 85.5000	BDT 85.6667	BDT 85.8000
		S	USD 1 =	BDT 84.8700	BDT 85.5000	BDT 85.6667	BDT 85.8000
		B	EUR 1 =	BDT 97.0783	BDT 99.1373	BDT 99.0200	BDT 96.8768
		S	EUR 1 =	BDT 97.1169	BDT 99.1715	BDT 99.1121	BDT 96.9025
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 2.28308	BBD 2.31054	BBD 2.32666	BBD 2.25219
		S	EUR 1 =	BBD 2.32588	BBD 2.35385	BBD 2.37028	BBD 2.29442
Belarus							
Minsk 073	Belarusian rouble = 100 kopecks BYN	M	USD 1 =	BYN 2.4518	BYN 2.5083	BYN 2.4226	BYN 2.5550
		M	EUR 1 =	BYN 2.8080	BYN 2.9242	BYN 2.8233	BYN 2.8792

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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
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 2.2726	BZD 2.2971	BZD 2.3047	BZD 2.2533	
	BZD	S	EUR 1 =	BZD 2.3127	BZD 2.3377	BZD 2.3453	BZD 2.2931
Benin ¹							
Porto-Novo Seat of government: Cotonou 284	CFA franc XOF	B	USD 1 =	XOF .	XOF 557.50	XOF 558.75	XOF 576.25
		S	USD 1 =	XOF .	XOF 564.50	XOF 565.75	XOF 583.25
		M	USD 1 =	XOF 574.293	XOF 561.00	XOF 562.25	XOF 579.75
		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 1.1376	BMD 1.1533	BMD 1.1598	BMD 1.1318	
	V, S	EUR 1 =	BMD 1.1471	BMD 1.1629	BMD 1.1695	BMD 1.1412	
Bhutan ¹							
Thimphu 675	Ngultrum = 100 chhetrum	B	USD 1 =	BTN 73.00	BTN 73.05	BTN 73.80	BTN 74.00
		S	USD 1 =	BTN 75.28	BTN 75.30	BTN 76.10	BTN 76.30
	B	EUR 1 =	BTN 83.48	BTN 85.10	BTN 85.50	BTN 83.45	
	S	EUR 1 =	BTN 85.80	BTN 87.45	BTN 87.85	BTN 85.75	
Bolivia, Plurinational State of							
Sucre Seat of government: La Paz 516	Boliviano = 100 centavos	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 7.8386	BOB 7.9432	BOB 7.9885	BOB 7.7950	
	V, S	EUR 1 =	BOB 7.9529	BOB 8.0590	BOB 8.1049	BOB 7.9086	
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga	B	USD 1 =	BAM 1.705963	BAM 1.674052	BAM 1.682860	BAM 1.730171
		S	USD 1 =	BAM 1.714514	BAM 1.682444	BAM 1.691296	BAM 1.738843
	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 0.0874	USD 0.0884	USD 0.0879	USD 0.0852
		S	BWP 1 =	USD 0.0872	USD 0.0882	USD 0.0877	USD 0.0850
	B	BWP 1 =	EUR 0.0765	EUR 0.0759	EUR 0.0756	EUR 0.0750	
	S	BWP 1 =	EUR 0.0763	EUR 0.0757	EUR 0.0754	EUR 0.0749	

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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Brazil							
Brasília 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 5.1568	BRL 5.4388	BRL 5.6424	BRL 5.6193
		S	USD 1 =	BRL 5.1578	BRL 5.4394	BRL 5.6430	BRL 5.6199
	BRL	B	EUR 1 =	BRL 6.0228	BRL 6.2954	BRL 6.5164	BRL 6.3256
		S	EUR 1 =	BRL 6.0252	BRL 6.2983	BRL 6.5194	BRL 6.3286
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3686	BND 1.3533	BND 1.3364	BND 1.3604
		S	USD 1 =	BND 1.3875	BND 1.3699	BND 1.3531	BND 1.3774
	BND	B	EUR 1 =	BND 1.5522	BND 1.5544	BND 1.5456	BND 1.5191
		S	EUR 1 =	BND 1.6078	BND 1.6076	BND 1.5988	BND 1.5732
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.71539	BGN 1.68912	BGN 1.67954	BGN 1.72123
		2	EUR 1 =	BGN 1.95583	BGN 1.95583	BGN 1.95583	BGN 1.95583
Burkina Faso ¹							
Ouagadougou 236	CFA franc	B	USD 1 =	XOF .	XOF 557.50	XOF 558.75	XOF 576.25
		S	USD 1 =	XOF .	XOF 564.50	XOF 565.75	XOF 583.25
		M	USD 1 =	XOF 574.293	XOF 561.00	XOF 562.25	XOF 579.75
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Burundi							
Gitega 328	Burundi franc = 100 centimes	B	USD 1 =	BIF 1,899.6838	BIF 1,971.2484	BIF 1,975.7232	BIF 1,980.8019
		S	USD 1 =	BIF 1,935.4929	BIF 2,011.0716	BIF 2,015.6368	BIF 2,020.8181
	BIF	B	EUR 1 =	BIF 2,178.6551	BIF 2,287.5352	BIF 2,304.8787	BIF 2,240.4850
		S	EUR 1 =	BIF 2,219.8302	BIF 2,333.7480	BIF 2,351.4419	BIF 2,285.7474
Cabo Verde							
Praia 247	Cabo Verde escudo = 100 centavos	B	USD 1 =	CVE 96.30074	CVE 94.515	CVE 95.012	CVE 97.556
		S	USD 1 =	CVE 96.50274	CVE 94.717	CVE 95.214	CVE 97.758
	CVE	2	EUR 1 =	CVE 110.265	CVE 110.265	CVE 110.265	CVE 110.265
Cambodia							
Phnom Penh 696	Riel = 100 sen	M	USD 1 =	KHR 4,080	KHR 4,079	KHR 4,066	KHR 4,069
		B	EUR 1 =	KHR 4,684	KHR 4,732	KHR 4,716	KHR 4,593
	KHR	S	EUR 1 =	KHR 4,731	KHR 4,780	KHR 4,763	KHR 4,639
Cameroon ¹							
Yaoundé 302	CFA franc	B	USD 1 =	XAF .	XAF 560.9149	XAF 559.0278	XAF 576.8265
		S	USD 1 =	XAF .	XAF 562.2713	XAF 565.1537	XAF 581.7904
		M	USD 1 =	XAF 574.293	XAF 561.5931	XAF 562.0908	XAF 579.3085
	XAF	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 1.3415	CAD 1.2741	CAD 1.2384	CAD 1.2792
		M	EUR 1 =	CAD 1.5374	CAD 1.4801	CAD 1.4338	CAD 1.4489

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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
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 0.9518	KYD 0.9649	KYD 0.9704	KYD 0.9469
Central African Republic ¹							
Bangui 306	CFA franc XAF	B	USD 1 =	XAF .	XAF 560.9149	XAF 559.0278	XAF 576.8265
		S	USD 1 =	XAF .	XAF 562.2713	XAF 565.1537	XAF 581.7904
		M	USD 1 =	XAF 574.293	XAF 561.5931	XAF 562.0908	XAF 579.3085
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chad ¹							
N'Djaména 244	CFA franc XAF	B	USD 1 =	XAF .	XAF 560.9149	XAF 559.0278	XAF 576.8265
		S	USD 1 =	XAF .	XAF 562.2713	XAF 565.1537	XAF 581.7904
		M	USD 1 =	XAF 574.293	XAF 561.5931	XAF 562.0908	XAF 579.3085
		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 792.22	CLP 803.59	CLP 805.47	CLP 836.73
		M	EUR 1 =	CLP 902.68	CLP 932.24	CLP 940.97	CLP 942.69
China							
Beijing 720	Chinese renminbi ⁴ 1 yuan (renminbi) = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.8991	CNY 6.4854	CNY 6.3907	CNY 6.3794
		M	EUR 1 =	CNY 7.9065	CNY 7.5247	CNY 7.4643	CNY 7.2063
		M	HKD 1 =	CNY 0.88889	CNY 0.83306	CNY 0.82164	CNY 0.81792
China (Taiwan)							
Taipei 736	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 29.483	TWD 27.800	TWD 27.760	TWD 27.750
		S	USD 1 =	TWD 29.583	TWD 27.900	TWD 27.860	TWD 27.850
		B	EUR 1 =	TWD 33.54	TWD 32.12	TWD 32.26	TWD 31.30
		S	EUR 1 =	TWD 33.94	TWD 32.52	TWD 32.66	TWD 31.70
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	M	USD 1 =	COP 3,692.895	COP 3,834.68	COP 3,766.10	COP 4,010.98
		V, M	EUR 1 =	COP 4,216.588	COP 4,440.176	COP 4,385.623	COP 4,557.677
Comoros							
Moroni 375	Comorian franc = 100 centimes KMF	V	USD 1 =	KMF 430.71944	KMF 424.87931	KMF 422.47123	KMF 432.95587
		3	EUR 1 =	KMF 491.96775	KMF 491.96775	KMF 491.96775	KMF 491.96775
Congo ¹							
Brazzaville 318	CFA franc XAF	B	USD 1 =	XAF .	XAF 560.9149	XAF 559.0278	XAF 576.8265
		S	USD 1 =	XAF .	XAF 562.2713	XAF 565.1537	XAF 581.7904
		M	USD 1 =	XAF 574.293	XAF 561.5931	XAF 562.0908	XAF 579.3085
		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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Congo, Democratic Republic of the ¹							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 1,823.8944	.	CDF 1,959.7038 ²	CDF 1,959.8246
		S	USD 1 =	CDF 1,898.3391	.	CDF 2,039.6917 ²	CDF 2,039.8174
	CDF	B	EUR 1 =	CDF 2,088.8087	.	CDF 2,282.9036 ²	CDF 2,218.0889
		S	EUR 1 =	CDF 2,174.0661	.	CDF 2,376.0834 ²	CDF 2,308.6232
Cook Islands ¹							
Avarua 837	Cook Islands dollar ³ = 100 cents	B	NZD 1 =	EUR 0.5813	EUR 0.6045	EUR 0.6274	EUR 0.6159
		S	NZD 1 =	EUR 0.5584	EUR 0.5818	EUR 0.6037	EUR 0.5927
	NZD						
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 584.40	CRC 623.24	CRC 634.69	CRC 626.56
		S	USD 1 =	CRC 591.41	CRC 629.71	CRC 641.84	CRC 632.20
	CRC	V, B	EUR 1 =	CRC 670.9498	CRC 721.6496	CRC 739.0965	CRC 711.9601
		V, S	EUR 1 =	CRC 679.0006	CRC 729.1412	CRC 747.4227	CRC 718.3689
Côte d'Ivoire ¹							
Yamoussoukro Seat of government: Abidjan 272	CFA franc	B	USD 1 =	XOF .	XOF 557.50	XOF 558.75	XOF 576.25
		S	USD 1 =	XOF .	XOF 564.50	XOF 565.75	XOF 583.25
		M	USD 1 =	XOF 574.293 ^v	XOF 561.00	XOF 562.25	XOF 579.75
	XOF	4	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Croatia							
Zagreb 092	Kuna = 100 lipa	B	USD 1 =	HRK 6.581149	HRK 6.407297	HRK 6.463355	HRK 6.643243
		S	USD 1 =	HRK 6.620755	HRK 6.445857	HRK 6.502251	HRK 6.683223
	HRK	B	EUR 1 =	HRK 7.511943	HRK 7.473471	HRK 7.491028	HRK 7.496236
		S	EUR 1 =	HRK 7.557151	HRK 7.518447	HRK 7.536110	HRK 7.541348
Cuba ¹							
Havana 448	Convertible peso/ Cuban peso = 100 centavos	⁵ B	USD 1 =	CUC 0.99001	¹ CUP 23.76	CUP 23.76	CUP 23.76
		⁵ S	USD 1 =	CUC 1.01000	¹ CUP 24.24	CUP 24.24	CUP 24.24
	CUC/CUP	B	EUR 1 =	CUC 1.13376	¹ CUP 27.59486	CUP 27.75406	CUP 26.88206
		S	EUR 1 =	CUC 1.15668	¹ CUP 28.15234	CUP 28.31474	CUP 27.42514
Curaçao							
Willemstad 477	Netherlands Antillean guilder = 100 cents	⁵ B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		⁵ S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 204.29	ANG 206.16	ANG 207.56	ANG 202.27
		S	EUR 100 =	ANG 208.40	ANG 210.31	ANG 211.75	ANG 206.35
Cyprus							
Nicosia 600	Euro = 100 cent	M	EUR 1 =	USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
	EUR						
Czechia							
Prague 061	Czech koruna = 100 heller	M	USD 1 =	CZK 23.196	CZK 22.020	CZK 22.065	CZK 22.465
		M	EUR 1 =	CZK 26.496	CZK 25.495	CZK 25.695	CZK 25.525
	CZK						

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 1 November 2021. ³ Parity in relation to the New Zealand dollar. ⁴ Value against the euro. ⁵ 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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 653.14	DKK 642.20	DKK 638.81	DKK 654.48
		M	EUR 100 =	DKK 745.33	DKK 743.60	DKK 743.89	DKK 743.68
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 201.29	DJF 203.65	DJF .	DJF 198.23
		S	EUR 1 =	DJF 209.31	DJF 211.60	DJF .	DJF 205.97
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 3.0705	XCD 3.1127	XCD 3.1304	XCD 3.0546
		V, S	EUR 1 =	XCD 3.1032	XCD 3.1459	XCD 3.1638	XCD 3.0872
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 56.2954	DOP 55.8743	DOP 55.8734	DOP 55.9691
		S	USD 1 =	DOP 57.0521	DOP 57.0135	DOP 56.9999	DOP 57.1245
		B	EUR 1 =	DOP 63.7358	DOP 64.7699	DOP 64.1670	DOP 62.6594
		S	EUR 1 =	DOP 67.2930	DOP 68.2373	DOP 67.7988	DOP 66.2420
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 15.75	EGP 15.64	EGP 15.64	EGP 15.64
		S	USD 1 =	EGP 15.85	EGP 15.74	EGP 15.74	EGP 15.74
		B	EUR 1 =	EGP 17.9583	EGP 18.0939	EGP 18.0423	EGP 17.6497
		S	EUR 1 =	EGP 18.1786	EGP 18.2741	EGP 18.3985	EGP 17.8995
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 9.9943	SVC 10.1316	SVC 10.1894	SVC 9.9426
Equatorial Guinea ¹							
Malabo 310	CFA franc XAF	B	USD 1 =	XAF .	XAF 560.9149	XAF 559.0278	XAF 576.8265
		S	USD 1 =	XAF .	XAF 562.2713	XAF 565.1537	XAF 581.7904
		M	USD 1 =	XAF 574.293	XAF 561.5931	XAF 562.0908	XAF 579.3085
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Eritrea							
Asmara 336	Nakfa = 100 cents ERN	2 B	USD 1 =	ERN 15.00	ERN 15.00	ERN 15.00	ERN 15.00
		2 S	USD 1 =	ERN 15.15	ERN 15.15	ERN 15.15	ERN 15.15
		B	EUR 1 =	ERN 17.1495	ERN 17.5740	ERN 17.4105	ERN 16.9395
		S	EUR 1 =	ERN 17.7857	ERN 18.2102	ERN 18.0467	ERN 17.5757
Estonia							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363

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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Eswatini ¹							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 16.5100	SZL 15.1211	SZL 15.1980	SZL 16.1915
		S	USD 1 =	SZL 16.5301	SZL 15.1298	SZL 15.2045	SZL 16.2037
	SZL	B	EUR 1 =	SZL 18.91585	SZL 17.5382	SZL 17.7278	SZL 18.3308
		S	EUR 1 =	SZL 18.93757	SZL 17.5480	SZL 17.7355	SZL 18.3480
Ethiopia							
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 35.2269	ETB 46.1007	ETB 47.2184	ETB 47.8791
		S	USD 1 =	ETB 35.9314	ETB 47.0227	ETB 48.1628	ETB 48.8367
	ETB	B	EUR 1 =	ETB 40.4109	ETB 53.7304	ETB 54.7922	ETB 54.0603
		S	EUR 1 =	ETB 41.2192	ETB 54.8050	ETB 55.8880	ETB 55.1415
Falkland Islands (Islas Malvinas)							
Stanley 529	Falkland Islands pound ² = 100 pence FKP	V	USD 1 =	FKP 0.77894	FKP 0.74318	FKP 0.72555	FKP 0.74956
		V	EUR 1 =	FKP 0.88970	FKP 0.86053	FKP 0.84490	FKP 0.85173
Fiji							
Suva 815	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4716	USD 0.4834	USD 0.4930	USD 0.4788
		S	FJD 1 =	USD 0.4546	USD 0.4664	USD 0.4760	USD 0.4618
	FJD	B	FJD 1 =	EUR 0.4093	EUR 0.4120	EUR 0.4202	EUR 0.4210
		S	FJD 1 =	EUR 0.3973	EUR 0.4000	EUR 0.4082	EUR 0.4090
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
Gabon ¹							
Libreville 314	CFA franc	B	USD 1 =	XAF .	XAF 560.9149	XAF 559.0278	XAF 576.8265
		S	USD 1 =	XAF .	XAF 562.2713	XAF 565.1537	XAF 581.7904
		M	USD 1 =	XAF 574.293	XAF 561.5931	XAF 562.0908	XAF 579.3085
	XAF	3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Gambia							
Banjul 252	Dalasi = 100 bututs GMD	M	USD 1 =	GMD 51.48	GMD 51.62	GMD 51.96	GMD 52.36
		M	EUR 1 =	GMD 58.26	GMD 61.17	GMD 60.66	GMD 59.42
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 =	GEL 3.1192	GEL 3.1228	GEL 3.1601	GEL 3.0867
		M	EUR 1 =	GEL 3.5713	GEL 3.6409	GEL 3.6828	GEL 3.4849

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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas GHS	B S	USD 1 = USD 1 =	GHS 5.6091 GHS 5.6147	GHS 5.8634 GHS 5.8692	GHS 5.8979 GHS 5.9039	GHS 5.9142 GHS 5.9202
		B S	EUR 1 = EUR 1 =	GHS 6.4398 GHS 6.4455	GHS 6.7918 GHS 6.7985	GHS 6.8197 GHS 6.8264	GHS 6.7310 GHS 6.7382
Gibraltar							
Gibraltar 044	Gibraltar pound ² = 100 pence GIP	V V	USD 1 = EUR 1 =	GIP 0.77894 GIP 0.88970	GIP 0.74318 GIP 0.86053	GIP 0.72555 GIP 0.84490	GIP 0.74956 GIP 0.85173
Greece							
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
Grenada							
St George's 473	East Caribbean dollar = 100 cents XCD	³ B ³ S	USD 1 = USD 1 =	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169	XCD 2.6882 XCD 2.7169
		V, B V, S	EUR 1 = EUR 1 =	XCD 3.0705 XCD 3.1032	XCD 3.1127 XCD 3.1459	XCD 3.1304 XCD 3.1638	XCD 3.0546 XCD 3.0872
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ	M V, M	USD 1 = EUR 1 =	GTQ 7.72985 GTQ 8.86799	GTQ 7.73365 GTQ 8.95479	GTQ 7.73464 GTQ 9.00699	GTQ 7.73058 GTQ 8.78426
Guinea							
Conakry 260	Guinean franc GNF	M M	USD 1 = EUR 1 =	GNF 9,585.5025 GNF 10,965.5882	GNF 9,704.7970 GNF 11,309.9694	GNF 9,563.0654 GNF 11,086.4594	GNF 9,327.9514 GNF 10,518.2029
Guinea-Bissau ¹							
Bissau 257	CFA franc XOF	B S M	USD 1 = USD 1 = USD 1 =	XOF . XOF . XOF 574.293	XOF 557.50 XOF 564.50 XOF 561.00	XOF 558.75 XOF 565.75 XOF 562.25	XOF 576.25 XOF 583.25 XOF 579.75
		4	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Guyana							
Georgetown 488	Guyana dollar = 100 cents GYD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	GYD 207.98 GYD 210.45 GYD 238.25 GYD 241.28	GYD 207.98 GYD 210.45 GYD 240.57 GYD 243.64	GYD 207.98 GYD 210.45 GYD 242.13 GYD 245.22	GYD 207.98 GYD 210.45 GYD 236.08 GYD 239.10

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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 92.9298	HTG 97.8420	HTG 97.9312	HTG 98.5720
		V, M	EUR 1 =	HTG 106.2364	HTG 113.2913	HTG 114.0409	HTG 112.0074
Honduras							
Tegucigalpa 424	Lempira = 100 centavos HNL	B	USD 1 =	HNL 24.5604	HNL 24.0813	HNL 24.1042	HNL 24.1235
		S	USD 1 =	HNL 24.7323	HNL 24.2499	HNL 24.2729	HNL 24.2924
	V, B	EUR 1 =	HNL 28.1617	HNL 27.8837	HNL 28.0693	HNL 27.4115	
	V, S	EUR 1 =	HNL 28.3588	HNL 28.0790	HNL 28.2658	HNL 27.6035	
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.72474	HKD 7.75700	HKD 7.74440	HKD 7.76980
		S	USD 1 =	HKD 7.78713	HKD 7.81880	HKD 7.80610	HKD 7.83150
	B	EUR 1 =	HKD 8.80685	HKD 8.96280	HKD 8.99820	HKD 8.76060	
	S	EUR 1 =	HKD 8.98652	HKD 9.10590	HKD 9.14130	HKD 8.90370	
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 307.93	HUF 310.66	HUF 309.67	HUF 322.80
		M	EUR 1 =	HUF 354.16	HUF 360.52	HUF 360.80	HUF 366.83
Iceland							
Reykjavik 024	Icelandic krona ISK	M	USD 1 =	ISK 135.317	ISK 130.32	ISK 128.67	ISK 129.37
		M	EUR 1 =	ISK 155.160	ISK 150.90	ISK 149.80	ISK 147.00
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	M	USD 1 =	INR 74.0770	INR 74.2551	INR 74.7858	INR 75.0885
		M	EUR 1 =	INR 84.9420	INR 86.1379	INR 87.2616	INR 84.9366
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 14,512.53	IDR 14,235.47	IDR 14,128.01	IDR 14,268.30
		S	USD 1 =	IDR 14,658.39	IDR 14,378.54	IDR 14,270.00	IDR 14,411.70
	B	EUR 1 =	IDR 16,693.66	IDR 16,605.68	IDR 16,374.36	IDR 16,090.36	
	S	EUR 1 =	IDR 16,866.48	IDR 16,778.32	IDR 16,544.64	IDR 16,256.40	
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 48,188	IRR 48,773	IRR 48,519	IRR 47,298
		3 M	USD 1 =	IRR 212,325	IRR 284,500	IRR 275,000	IRR 291,500
		3 M	EUR 1 =	IRR 245,538	IRR 329,850	IRR 317,900	IRR 329,450

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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Iraq ¹							
Baghdad 612	Iraqi dinar = 1,000 fils IQD	2 B	USD 1 =	IQD 1,204.33	IQD 1,450.00	IQD 1,450.00	IQD 1,450.00
		2 S	USD 1 =	IQD 1,212.50	IQD 1,460.00	IQD 1,460.00	IQD 1,460.00
		B	EUR 1 =	IQD 1,381.469	IQD 1,678.955	IQD 1,688.525	IQD 1,647.635
		S	EUR 1 =	IQD 1,390.839	IQD 1,690.534	IQD 1,700.170	IQD 1,658.998
		3 S	USD 1 =	IQD 1,242.683	IQD 1,472.047	IQD 1,480.697	IQD 1,478.134
		V, S	EUR 1 =	IQD 1,428.05	IQD 1,704.48	IQD 1,724.27	IQD 1,679.60
Ireland							
Dublin 007	Euro = 100 cent EUR		M	EUR 1 = USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
Israel							
Jerusalem 624	New shekel = 100 agorot ILS		M	USD 1 = ILS 3.4367	ILS 3.2290	ILS 3.1580	ILS 3.1620
			M	EUR 1 = ILS 3.9205	ILS 3.7360	ILS 3.6858	ILS 3.5899
Italy							
Rome 005	Euro = 100 cent EUR		M	EUR 1 = USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
Jamaica							
Kingston 464	Jamaican dollar = 100 cents JMD	B	USD 1 =	JMD 141.7940	JMD 147.5557	JMD 152.8080	JMD 154.7048
		S	USD 1 =	JMD 143.3604	JMD 147.4194	JMD 154.6531	JMD 156.4674
		B	EUR 1 =	JMD 158.3465	JMD 168.7138	JMD 173.7695	JMD 169.8316
		S	EUR 1 =	JMD 166.2504	JMD 174.3731	JMD 183.3714	JMD 179.2410
Japan							
Tokyo 732	Japanese yen = 100 sen JPY	B	USD 1 =	JPY 105.78	JPY 110.92	JPY 112.67	JPY 112.77
		S	USD 1 =	JPY 107.78	JPY 112.92	JPY 114.67	JPY 114.77
		B	EUR 1 =	JPY 120.47	JPY 128.36	JPY 131.27	JPY 126.91
		S	EUR 1 =	JPY 123.47	JPY 131.36	JPY 134.27	JPY 129.91
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
		2 S	USD 1 =	JOD 0.7100	JOD 0.7100	JOD 0.7100	JOD 0.7100
		B	EUR 1 =	JOD 0.80850	JOD 0.81887	JOD 0.81668	JOD 0.79884
		S	EUR 1 =	JOD 0.81537	JOD 0.82431	JOD 0.82999	JOD 0.80741
Kazakhstan							
Nur-Sultan 079	Tenge = 100 tiyn KZT		M	USD 1 = KZT 414.44	KZT 425.67	KZT 427.11	KZT 433.74
			M	EUR 1 = KZT 474.42	KZT 496.42	KZT 497.50	KZT 489.52

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

IV. Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month			
					September 2021	October 2021	November 2021	
Kenya ¹								
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 106.5230	KES 110.3859	KES 111.1147	KES 112.3882	
		S	USD 1 =	KES 106.7228	KES 110.5859	KES 111.3147	KES 112.5882	
	KES	B	EUR 1 =	KES 122.0032	KES 128.8782	KES 128.9465	KES 126.8306	
		S	EUR 1 =	KES 122.2632	KES 129.1388	KES 129.2141	KES 127.0941	
	Korea, Democratic People's Republic of ¹							
	Pyongyang 724	North Korean won = 100 chon	B	USD 1 =	KPW 108.43	.	.	.
S			USD 1 =	KPW 109.51	.	.	.	
KPW		B	EUR 1 =	KPW 119.19	.	.	.	
		S	EUR 1 =	KPW 120.37	.	.	.	
Korea, Republic of								
Seoul 728		South Korean won = 100 chon	B	USD 1 =	KRW 1,168.59	KRW 1,174.40	KRW 1,162.50	KRW 1,178.40
	S		USD 1 =	KRW 1,191.63	KRW 1,197.60	KRW 1,185.50	KRW 1,201.60	
	KRW	B	EUR 1 =	KRW 1,340.13	KRW 1,359.02	KRW 1,343.93	KRW 1,338.56	
		S	EUR 1 =	KRW 1,367.19	KRW 1,386.46	KRW 1,371.07	KRW 1,365.60	
	Kuwait							
	Kuwait 636	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.30423	KWD 0.30035	KWD 0.30035	KWD 0.30130
S			USD 1 =	KWD 0.30917	KWD 0.30395	KWD 0.30395	KWD 0.30490	
KWD		B	EUR 1 =	KWD 0.348830	KWD 0.348286	KWD 0.349187	KWD 0.342458	
		S	EUR 1 =	KWD 0.354423	KWD 0.352460	KWD 0.353372	KWD 0.346549	
Kyrgyzstan								
Bishkek 083		Kyrgyz som = 100 tyiyn KGS	M	USD 1 =	KGS 77.4179	KGS 84.7907	KGS 84.8000	KGS 84.8000
	M		EUR 1 =	KGS 88.6740	KGS 98.9126	KGS 98.8174	KGS 95.6332	
Lao People's Democratic Republic								
Vientiane 684	Kip	B	USD 1 =	LAK 9,070	LAK 9,984	LAK 10,308	LAK 10,837	
		S	USD 1 =	LAK 9,086	LAK 10,003	LAK 10,328	LAK 10,857	
	LAK	B	EUR 1 =	LAK 10,408	LAK 11,573	LAK 12,025	LAK 12,224	
		S	EUR 1 =	LAK 10,457	LAK 11,657	LAK 12,113	LAK 12,313	
	Latvia							
	Riga 054	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
Lebanon ¹								
Beirut 604	Lebanese pound = 100 piastres	² M	USD 1 =	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50	
		² M	EUR 1 =	LBP 1,724.92	LBP 1,749.00	LBP 1,756.54	LBP 1,712.52	
		³ M	USD 1 =	.	LBP 15,000.00	LBP 17,500.00	LBP 20,600.00	
	LBP	V, M	EUR 1 =	.	LBP 17,368.50	LBP 20,378.75	LBP 23,407.78	

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. ³ Sayrafa market rate.

IV. Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Lesotho ¹							
Maseru 395	Loti = 100 lisente LSL	M	USD 1 =	LSL 16.4908	LSL 15.0902	LSL 15.2400	LSL 16.0493
		M	EUR 1 =	LSL 18.8760	LSL 17.5740	LSL 17.7211	LSL 18.2248
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents LRD	B	USD 1 =	LRD 189.9291	LRD 170.1887	LRD 150.0089	LRD 141.3021
		S	USD 1 =	LRD 191.2969	LRD 171.6807	LRD 151.5758	LRD 142.9569
		V, B	EUR 1 =	LRD 217.4353	LRD 197.0615	LRD 174.6854	LRD 160.5616
		V, S	EUR 1 =	LRD 219.0024	LRD 198.7891	LRD 176.5100	LRD 162.4419
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham LYD	B	USD 1 =	LYD 1.3815	LYD 4.5485	LYD 4.5484	LYD 4.5848
		S	USD 1 =	LYD 1.3884	LYD 4.5713	LYD 4.5712	LYD 4.6077
		B	EUR 1 =	LYD 1.5820	LYD 5.2762	LYD 5.2571	LYD 5.1858
		S	EUR 1 =	LYD 1.5900	LYD 5.3027	LYD 5.2834	LYD 5.2118
Lithuania							
Vilnius 055	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
Luxembourg							
Luxembourg 018	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
Macao ¹							
Macao 743	Pataca = 100 avos MOP	B	USD 1 =	MOP 7.9833	MOP 8.0135	MOP 8.0011	MOP 8.0263
		S	USD 1 =	MOP 8.0064	MOP 8.0397	MOP 8.0273	MOP 8.0525
		B	EUR 1 =	MOP 9.1556	MOP 9.2903	MOP 9.3176	MOP 9.0738
		S	EUR 1 =	MOP 9.1946	MOP 9.3318	MOP 9.3591	MOP 9.1153
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 3,793.86	MGA 3,941.50	MGA 3,956.92	MGA 3,966.11
		M	EUR 1 =	MGA 4,330.03	MGA 4,587.22	MGA 4,591.63	MGA 4,492.86
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala MWK	B	USD 1 =	MWK 738.3908	MWK 807.5060	MWK 807.5060	MWK 808.3178
		S	USD 1 =	MWK 753.1198	MWK 823.4898	MWK 823.4898	MWK 824.4826
		B	EUR 1 =	MWK 847.7749	MWK 936.5455	MWK 942.2788	MWK 914.4500
		S	EUR 1 =	MWK 864.6874	MWK 955.0834	MWK 960.9302	MWK 932.7371
Malaysia							
Kuala Lumpur Seat of government: Putrajaya 701	Malaysian ringgit = 100 sen MYR	B	USD 1 =	MYR 4.1319	MYR 4.1188	MYR 4.0765	MYR 4.1680
		S	USD 1 =	MYR 4.2695	MYR 4.2562	MYR 4.2125	MYR 4.3070
		B	EUR 1 =	MYR 4.7206	MYR 4.7692	MYR 4.7529	MYR 4.6950
		S	EUR 1 =	MYR 4.9037	MYR 4.9480	MYR 4.9311	MYR 4.8710

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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Maldives							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.38	MVR 15.40	MVR 15.41	MVR 15.41
		V, M	EUR 1 =	MVR 17.64149	MVR 17.83166	MVR 17.94495	MVR 17.51038
Mali ¹							
Bamako 232	CFA franc XOF	B	USD 1 =	XOF .	XOF 557.50	XOF 558.75	XOF 576.25
		S	USD 1 =	XOF .	XOF 564.50	XOF 565.75	XOF 583.25
		M	USD 1 =	XOF 574.293	XOF 561.00	XOF 562.25	XOF 579.75
		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 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
Mauritania							
Nouakchott 228	Ouguiya MRU	B	USD 1 =	MRU 37.10	MRU 36.03	MRU 36.00	MRU 36.08
		S	USD 1 =	MRU 37.47	MRU 36.39	MRU 36.36	MRU 36.44
		B	EUR 1 =	MRU 42.47	MRU 41.71	MRU 41.78	MRU 41.01
		S	EUR 1 =	MRU 42.89	MRU 42.12	MRU 42.19	MRU 41.42
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 38.9384	MUR 42.1648	MUR 42.3512	MUR 42.7064
		S	USD 1 =	MUR 39.8379	MUR 43.0643	MUR 43.2507	MUR 43.6064
		B	EUR 1 =	MUR 44.5651	MUR 48.7934	MUR 49.2840	MUR 48.0969
		S	EUR 1 =	MUR 45.7989	MUR 50.1215	MUR 50.6199	MUR 49.4087
Mexico							
Mexico City 412	Mexican peso = 100 centavos MXN	M	USD 1 =	MXN 21.51258	MXN 20.63850	MXN 20.60575	MXN 21.4681
		V, M	EUR 1 =	MXN 24.75674	MXN 23.89735	MXN 23.99540	MXN 24.3942
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 17.30970	MDL 17.66270	MDL 17.51640	MDL 17.7314
		M	EUR 1 =	MDL 19.77400	MDL 20.59550	MDL 20.32870	MDL 20.0224
Mongolia							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 2,817.89	MNT 2,849.20	MNT 2,848.85	MNT 2,849.21
		M	EUR 1 =	MNT 3,234.16	MNT 3,306.35	MNT 3,324.89	MNT 3,229.86
Morocco							
Rabat 204	Moroccan dirham = 100 centimes MAD	M	USD 1 =	MAD 9.4830	MAD 9.0648	MAD 9.0452	MAD 9.2213
		M	EUR 1 =	MAD 10.8360	MAD 10.4907	MAD 10.5377	MAD 10.4754

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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Mozambique							
Maputo 366	Metical = 100 centavos	B	USD 1 =	MZN 69.33	MZN 63.20	MZN 63.20	MZN 63.20
		S	USD 1 =	MZN 70.71	MZN 64.46	MZN 64.46	MZN 64.46
	MZN	B	EUR 1 =	MZN 79.66	MZN 73.25	MZN 73.46	MZN 71.74
		S	EUR 1 =	MZN 81.25	MZN 74.71	MZN 74.93	MZN 73.18
Myanmar							
Nay Pyi Taw 676	Kyat = 100 pyas MMK	M	USD 1 =	MMK 1,367.99	MMK 1,927.10	MMK 1,771.00	MMK 1,785.00
		M	EUR 1 =	MMK 1,566.13	MMK 2,236.50	MMK 2,062.70	MMK 2,026.00
Namibia ¹							
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 16.4975	NAD 15.1314	NAD 15.1388	NAD 16.1933
		M	EUR 1 =	NAD 18.9025	NAD 17.5600	NAD 17.6705	NAD 18.3148
Nepal							
Kathmandu 672	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 118.35	NPR 118.34	NPR 119.51	NPR 119.86
		S	USD 1 =	NPR 118.95	NPR 118.94	NPR 120.11	NPR 120.46
	NPR	B	EUR 1 =	NPR 135.65	NPR 137.95	NPR 139.25	NPR 135.25
		S	EUR 1 =	NPR 136.33	NPR 138.65	NPR 139.95	NPR 135.93
Netherlands							
Amsterdam Seat of government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
New Caledonia ¹							
Nouméa 809	CFP franc XPF	V	XPF 1,000 =	USD 9.57	USD 9.70	USD 9.76	USD 9.52
		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 0.6646	USD 0.7014	USD 0.7325	USD 0.6960
		S	NZD 1 =	USD 0.6398	USD 0.6752	USD 0.7049	USD 0.6698
	NZD	B	NZD 1 =	EUR 0.5813	EUR 0.6045	EUR 0.6274	EUR 0.6159
		S	NZD 1 =	EUR 0.5584	EUR 0.5818	EUR 0.6037	EUR 0.5927
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 34.3819	NIO 35.3441	NIO 35.4036	NIO 35.4613
		V, M	EUR 1 =	NIO 39.44819	NIO 40.92493	NIO 41.22749	NIO 40.29468

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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Niger 1							
Niamey 240	CFA franc	B	USD 1 =	XOF .	XOF 557.50	XOF 558.75	XOF 576.25
		S	USD 1 =	XOF .	XOF 564.50	XOF 565.75	XOF 583.25
		M	USD 1 =	XOF 574.293	XOF 561.00	XOF 562.25	XOF 579.75
		XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957
Nigeria 1							
Abuja 288	Naira = 100 kobo	B	USD 1 =	NGN 356.66	NGN 409.80	NGN 410.09	NGN 409.66
		S	USD 1 =	NGN 357.66	NGN 410.80	NGN 411.09	NGN 411.66
	NGN	B	EUR 1 =	NGN 408.9567	NGN 474.4664	NGN 477.4678	NGN 465.0051
		S	EUR 1 =	NGN 410.1010	NGN 475.6242	NGN 478.6321	NGN 467.2753
North Macedonia							
Skopje 096	North Macedonia denar = 100 deni	B	USD 1 =	MKD 53.7828	MKD 52.6740	MKD 52.9514	MKD 54.4738
		S	USD 1 =	MKD 54.3233	MKD 53.2034	MKD 53.4836	MKD 55.0212
	MKD	B	EUR 1 =	MKD 61.3734	MKD 61.3863	MKD 61.3865	MKD 61.3865
		S	EUR 1 =	MKD 61.9903	MKD 62.0033	MKD 62.0035	MKD 62.0035
Norway							
Oslo 028	Norwegian krone = 100 øre	B	USD 1 =	NOK 9.3758	NOK 8.7312	NOK 8.3344	NOK 9.0189
		S	USD 1 =	NOK 9.4481	NOK 8.8072	NOK 8.4104	NOK 9.0949
	NOK	B	EUR 1 =	NOK 10.7787	NOK 10.1363	NOK 9.7225	NOK 10.2191
		S	EUR 1 =	NOK 10.8582	NOK 10.2213	NOK 9.8075	NOK 10.3041
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 0.4399904	OMR 0.4455936	OMR 0.4435968	OMR 0.4337664
		S	EUR 1 =	OMR 0.4412132	OMR 0.4467925	OMR 0.4452140	OMR 0.4349345
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa	B	USD 1 =	PKR 161.93	PKR 170.45	PKR 172.25	PKR 176.15
		S	USD 1 =	PKR 162.43	PKR 170.95	PKR 172.75	PKR 176.65
	PKR	B	EUR 1 =	PKR 185.36	PKR 198.14	PKR 201.49	PKR 199.38
		S	EUR 1 =	PKR 186.01	PKR 198.72	PKR 202.07	PKR 199.95
Panama 1							
Panama City 442	Balboa = 100 centésimos PAB	4	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
		V	EUR 1 =	PAB 1.1422	PAB 1.1579	PAB 1.1645	PAB 1.1363
Papua New Guinea							
Port Moresby 801	Kina = 100 toea	B	PGK 1 =	USD 0.2963	USD 0.2925	USD 0.2925	USD 0.2925
		S	PGK 1 =	USD 0.2813	USD 0.2775	USD 0.2775	USD 0.2775
	PGK	B	PGK 1 =	EUR 0.2527	EUR 0.2462	EUR 0.2445	EUR 0.2529
		S	PGK 1 =	EUR 0.2377	EUR 0.2312	EUR 0.2295	EUR 0.2379

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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Paraguay							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 6,770.58	PYG 6,895.80	PYG 6,900.68	PYG 6,831.18
		S	USD 1 =	PYG 6,788.29	PYG 6,918.66	PYG 6,908.28	PYG 6,831.65
	PYG	V, B	EUR 1 =	PYG 7,752.25	PYG 7,984.65	PYG 8,035.84	PYG 7,762.27
V, S		EUR 1 =	PYG 7,772.67	PYG 8,011.12	PYG 8,044.69	PYG 7,762.80	
Peru							
Lima 504	Sol = 100 céntimos	B	USD 1 =	PEN 3,494	PEN 4,132	PEN 3,986	PEN 4,057
		S	USD 1 =	PEN 3,498	PEN 4,136	PEN 3,992	PEN 4,066
	PEN	B	EUR 1 =	PEN 3,943	PEN 4,730	PEN 4,441	PEN 4,330
		S	EUR 1 =	PEN 4,117	PEN 5,138	PEN 4,918	PEN 4,952
Philippines							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 49.28	PHP 50.70	PHP 50.20	PHP 50.10
		S	USD 1 =	PHP 49.78	PHP 51.20	PHP 50.70	PHP 50.60
	PHP	B	EUR 1 =	PHP 54.8526	PHP 56.9237	PHP 56.6160	PHP 54.5565
		S	EUR 1 =	PHP 58.1524	PHP 60.8709	PHP 60.7903	PHP 58.3769
Poland							
Warsaw 060	Polish zloty = 100 groszy PLN	M	USD 1 =	PLN 3,8978	PLN 3,9925	PLN 3,9664	PLN 4,1214
		M	EUR 1 =	PLN 4,4742	PLN 4,6329	PLN 4,6208	PLN 4,6834
Portugal							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
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 4,1751	QAR 4,2148	QAR 4,2388	QAR 4,1361
Romania							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 4,2413	RON 4,2653	RON 4,2471	RON 4,3853
		M	EUR 1 =	RON 4,8418	RON 4,9471	RON 4,9489	RON 4,9490
Russian Federation							
Moscow 075	Russian rouble = 100 kopecks RUB	M	USD 1 =	RUB 72,3558	RUB 72,7608	RUB 70,5200	RUB 74,9818
		M	EUR 1 =	RUB 83,9960	RUB 84,8755	RUB 82,2898	RUB 84,4820

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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 934.857718	RWF 987.655931	RWF 992.588268	RWF 996.480286
		S	USD 1 =	RWF 953.552984	RWF 1,007.407055	RWF 1,012.438028	RWF 1,016.407878
		RWF	B	EUR 1 =	RWF 1,070.37143	RWF 1,146.02656	RWF 1,158.54903	RWF 1,125.82343
		S	EUR 1 =	RWF 1,091.77668	RWF 1,168.94478	RWF 1,181.71767	RWF 1,148.33762
Saint Helena, Ascension and Tristan da Cunha							
Jamestown 329	Saint Helena pound 2 = 100 pence SHP	V	USD 1 =	SHP 0.77894	SHP 0.74318	SHP 0.72555	SHP 0.74956
		V	EUR 1 =	SHP 0.88970	SHP 0.86053	SHP 0.84490	SHP 0.85173
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 3.0705	XCD 3.1127	XCD 3.1304	XCD 3.0546
		V, S	EUR 1 =	XCD 3.1032	XCD 3.1459	XCD 3.1638	XCD 3.0872
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 3.0705	XCD 3.1127	XCD 3.1304	XCD 3.0546
		V, S	EUR 1 =	XCD 3.1032	XCD 3.1459	XCD 3.1638	XCD 3.0872
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 3.0705	XCD 3.1127	XCD 3.1304	XCD 3.0546
		V, S	EUR 1 =	XCD 3.1032	XCD 3.1459	XCD 3.1638	XCD 3.0872
Samoa							
Apia 819	Tala = 100 sene WST	M	WST 1 =	USD 0.37602	USD 0.38419	USD 0.39393	USD 0.38221
		M	WST 1 =	EUR 0.32805	EUR 0.33127	EUR 0.33717	EUR 0.33922
Sao Tome and Principe							
São Tomé 311	Dobra = 100 cêntimos	B	USD 1 =	STN 21.4306	STN 20.9796	STN 21.1334	STN 21.7276
		S	USD 1 =	STN 21.7520	STN 21.2943	STN 21.4504	STN 22.0535
		STN	4	EUR 1 =	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 4.29532	SAR 4.34213 v	SAR 4.36688 v	SAR 4.26113 v

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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Senegal ¹							
Dakar 248	CFA franc	B	USD 1 =	XOF .	XOF 557.50	XOF 558.75	XOF 576.25
		S	USD 1 =	XOF .	XOF 564.50	XOF 565.75	XOF 583.25
		M	USD 1 =	XOF 574.293	XOF 561.00	XOF 562.25	XOF 579.75
	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 102.5584	RSD 100.9881	RSD 100.4641	RSD 103.6162
		S	USD 1 =	RSD 103.1756	RSD 101.5959	RSD 101.0687	RSD 104.2398
	RSD	B	EUR 1 =	RSD 117.2267	RSD 117.2068	RSD 117.2315	RSD 117.2211
		S	EUR 1 =	RSD 117.9322	RSD 117.9122	RSD 117.9371	RSD 117.9265
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 17.5118	SCR 14.2186	SCR 14.2912	SCR 14.4244
		S	USD 1 =	SCR 18.0531	SCR 14.9214	SCR 14.9690	SCR 14.8049
	SCR	B	EUR 1 =	SCR 20.3540	SCR 16.9233	SCR 16.7011	SCR 16.0793
		S	EUR 1 =	SCR 20.8170	SCR 17.5541	SCR 17.4706	SCR 16.9111
Sierra Leone							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 9,731.85	SLL 10,465.27	SLL 10,778.72	SLL 11,006.38
		S	USD 1 =	SLL 9,928.45	SLL 10,676.69	SLL 10,996.48	SLL 11,228.73
	SLL	B	EUR 1 =	SLL 11,150.96	SLL 12,163.37	SLL 12,570.31	SLL 12,455.38
		S	EUR 1 =	SLL 11,373.32	SLL 12,404.36	SLL 12,818.53	SLL 12,705.79
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.3785	SGD 1.3611	SGD 1.3444	SGD 1.3686
		M	EUR 1 =	SGD 1.5781	SGD 1.5794	SGD 1.5697	SGD 1.5463
Sint Maarten (southern part)							
Philipsburg 479	Netherlands Antillean guilder = 100 cents	3	B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78
		3	S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 204.29	ANG 206.16	ANG 207.56	ANG 202.27
		S	EUR 100 =	ANG 208.40	ANG 210.31	ANG 211.75	ANG 206.35
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents SBD	M	SBD 1 =	USD 0.1218	USD 0.1238	USD 0.1246	USD 0.1237
		M	SBD 1 =	EUR 0.10634	EUR 0.10670	EUR 0.10670	EUR 0.10970

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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
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 16.2667	ZAR 14.8888	ZAR 15.0113	ZAR 15.8115
		S	USD 1 =	ZAR 16.5842	ZAR 15.2063	ZAR 15.3288	ZAR 16.1774
	ZAR	B	EUR 1 =	ZAR 18.6923	ZAR 17.2309	ZAR 17.4229	ZAR 17.8612
		S	EUR 1 =	ZAR 19.1284	ZAR 17.6693	ZAR 17.8617	ZAR 18.5018
South Sudan							
Juba 225	South Sudanese pound = 100 piastres SSP	M	USD 1 =	SSP 167.8527	SSP 401.4333	SSP 409.3977	SSP 412.6700
		M	EUR 1 =	SSP 195.2527	SSP 468.0916	SSP 477.1536	SSP 464.8321
Spain							
Madrid 011	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.1579	USD 1.1645	USD 1.1363
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 183.2437	LKR 198.5008	LKR 198.5008	LKR 198.5008
		S	USD 1 =	LKR 187.8005	LKR 202.9992	LKR 202.9992	LKR 202.9992
	LKR	B	EUR 1 =	LKR 208.6868	LKR 229.4296	LKR 230.9120	LKR 223.7410
		S	EUR 1 =	LKR 216.2827	LKR 237.9393	LKR 239.4467	LKR 232.4950
Sudan							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 54.4417	SDG 439.1062	SDG 438.9685	SDG 436.3436
		S	USD 1 =	SDG 54.7139	SDG 442.3995	SDG 442.2608	SDG 439.6162
	SDG	B	EUR 1 =	SDG 62.4240	SDG 509.5915	SDG 511.1832	SDG 492.9068
		S	EUR 1 =	SDG 62.7361	SDG 513.4135	SDG 515.0171	SDG 496.6036
Suriname							
Paramaribo 492	Suriname dollar = 100 cents	B	USD 1 =	SRD 9.603	SRD 21.312	SRD 21.497	SRD 21.444
		S	USD 1 =	SRD 9.777	SRD 21.544	SRD 21.684	SRD 21.679
	SRD	B	EUR 1 =	SRD 11.097	SRD 23.994	SRD 24.274	SRD 23.775
		S	EUR 1 =	SRD 11.298	SRD 24.437	SRD 24.382	SRD 24.263
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 9.1519	SEK 8.7386	SEK 8.4670	SEK 8.9759
		S	USD 1 =	SEK 9.2569	SEK 8.8436	SEK 8.5720	SEK 9.0809
	SEK	B	EUR 1 =	SEK 10.4272	SEK 10.1435	SEK 9.8874	SEK 10.1791
		S	EUR 1 =	SEK 10.5422	SEK 10.2585	SEK 10.0024	SEK 10.2941

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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Switzerland							
Berne 039	Swiss franc = 100 rappen/centimes CHF	B	USD 1 =	CHF 0.9381	CHF 0.9345	CHF 0.9118	CHF 0.9183
		B	EUR 1 =	CHF 1.0711	CHF 1.0844	CHF 1.0622	CHF 1.0434
Syrian Arab Republic ¹							
Damascus 608	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 1,250.00 ²	SYP 2,500.00	SYP 2,500.00	SYP 2,500.00
		S	USD 1 =	SYP 1,262.14 ²	SYP 2,525.00	SYP 2,525.00	SYP 2,525.00
		B	EUR 1 =	SYP 1,474.86 ²	SYP 2,901.00	SYP 2,887.00	SYP 2,820.00
		S	EUR 1 =	SYP 1,489.61 ²	SYP 2,930.01	SYP 2,915.87	SYP 2,848.20
Tajikistan							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 10.3374	TJS 11.3095	TJS 11.2480	TJS 11.2941
		M	EUR 1 =	TJS 11.8378	TJS 13.1767	TJS 13.0882	TJS 12.7544
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 2,283.1172	TZS 2,285.8416	TZS 2,282.3762	TZS 2,282.7822
		S	USD 1 =	TZS 2,305.9483	TZS 2,308.7000	TZS 2,305.2000	TZS 2,305.6100
		B	EUR 1 =	TZS 2,617.0269	TZS 2,660.9482	TZS 2,654.6318	TZS 2,576.5762
		S	EUR 1 =	TZS 2,643.9660	TZS 2,688.4812	TZS 2,682.1002	TZS 2,602.8031
Thailand							
Bangkok 680	Thai baht = 100 satang THB	B	USD 1 =	THB 31.0973	THB 33.7538	THB 33.0077	THB 33.5226
		S	USD 1 =	THB 31.4341	THB 34.0908	THB 33.3532	THB 33.8569
		B	EUR 1 =	THB 35.5464	THB 38.9765	THB 38.3445	THB 37.6887
		S	EUR 1 =	THB 36.2858	THB 39.7517	THB 39.1236	THB 38.4459
Togo ¹							
Lomé 280	CFA franc XOF	B	USD 1 =	XOF .	XOF 557.50	XOF 558.75	XOF 576.25
		S	USD 1 =	XOF .	XOF 564.50	XOF 565.75	XOF 583.25
		M	USD 1 =	XOF 574.293 ^v	XOF 561.00	XOF 562.25	XOF 579.75
		3	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 0.4350	USD 0.4396	USD 0.4480	USD 0.4378
		M	TOP 1 =	EUR 0.3787	EUR 0.3782	EUR 0.3826	EUR 0.3872
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.7138	TTD 6.7184	TTD 6.7228	TTD 6.6835
		S	USD 1 =	TTD 6.7781	TTD 6.7747	TTD 6.7782	TTD 6.7747
		B	EUR 1 =	TTD 7.7724	TTD 7.8168	TTD 7.8948	TTD 8.1569
		S	EUR 1 =	TTD 8.3139	TTD 8.4327	TTD 8.4763	TTD 8.3095

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 June to December 2020. 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 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes	B S	USD 1 =	TND 2.8046	TND 2.8285	TND 2.8220	TND 2.8648
			USD 1 =	TND 2.8074	TND 2.8313	TND 2.8249	TND 2.8676
	TND	B S	EUR 1 =	TND 3.2055	TND 3.2774	TND 3.2812	TND 3.2557
			EUR 1 =	TND 3.2087	TND 3.2806	TND 3.2844	TND 3.2589
Turkey							
Ankara 052	Turkish lira = 100 kuruş	B S	USD 1 =	TRY 7.0024	TRY 8.8433	TRY 9.4813	TRY 12.6595
			USD 1 =	TRY 7.0150	TRY 8.8592	TRY 9.4984	TRY 12.6823
	TRY	B S	EUR 1 =	TRY 8.0963	TRY 10.3135	TRY 10.9980	TRY 14.2793
			EUR 1 =	TRY 8.1109	TRY 10.3321	TRY 11.0179	TRY 14.3050
Turkmenistan ¹							
Ashgabat 080	Turkmen manat = 100 tenge	2	USD 1 =	TMT 3.50	TMT 3.50	TMT 3.50	TMT 3.50
		M	EUR 1 =	TMT 4.0021	TMT 4.0835	TMT 4.0765	TMT 3.9491
Uganda							
Kampala 350	Uganda shilling	B S	USD 1 =	UGX 3,718.43	UGX 3,534.09	UGX 3,549.48	UGX 3,559.09
			USD 1 =	UGX 3,728.43	UGX 3,544.09	UGX 3,559.48	UGX 3,569.09
	UGX	B S	EUR 1 =	UGX 4,242.69	UGX 4,125.72	UGX 4,116.29	UGX 4,028.40
			EUR 1 =	UGX 4,254.10	UGX 4,137.39	UGX 4,127.89	UGX 4,039.72
Ukraine							
Kyiv 072	Hryvnia = 100 kopiyok	M	USD 1 =	UAH 27.0268	UAH 26.5760	UAH 26.3265	UAH 27.1739
		M	EUR 1 =	UAH 30.9090	UAH 30.9810	UAH 30.5032	UAH 30.6481
United Arab Emirates ¹							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils	2	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
		V, M	EUR 1 =	AED 4.1947	AED 4.2524	AED 4.2766	AED 4.1731
United Kingdom ¹							
London 006	Pound sterling = 100 pence	M	GBP 1 =	USD 1.2836	USD 1.3484	USD 1.3706	USD 1.3233
		M	EUR 1 =	GBP 0.8882	GBP 0.8595	GBP 0.8442	GBP 0.8509
United States							
Washington 400	US dollar = 100 cents	M	EUR 1 =	USD 1.14706	USD 1.1581	USD 1.1561	USD 1.1336
		M	GBP 1 =	USD 1.28379	USD 1.3472	USD 1.3691	USD 1.3295

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 *

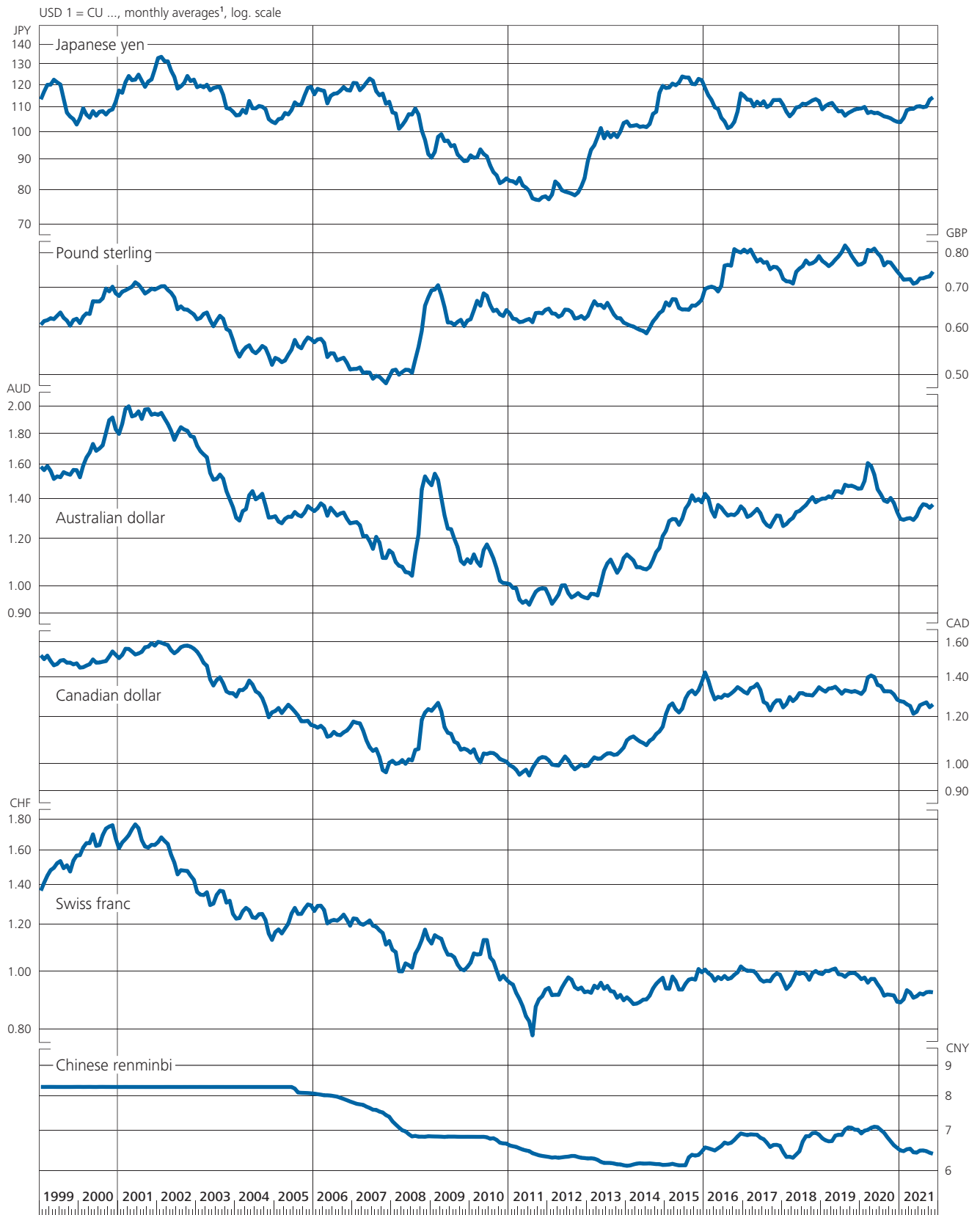
1. Currencies and exchange rates in individual countries (cont'd)

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					September 2021	October 2021	November 2021
Uruguay							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 42.056	UYU 42.940	UYU 44.181	UYU 44.100
		M	EUR 1 =	UYU 48.0537	UYU 49.7438	UYU 51.0688	UYU 49.8793
Uzbekistan							
Tashkent 081	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 10,067.97	UZS 10,691.91	UZS 10,683.00	UZS 10,787.03
		M	EUR 1 =	UZS 11,507.02	UZS 12,472.11	UZS 12,384.80	UZS 12,174.24
Vanuatu							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 113.11	VUV 110.38	VUV 107.27	VUV 111.03
		S	USD 1 =	VUV 120.41	VUV 117.41	VUV 114.09	VUV 118.10
		B	EUR 1 =	VUV 130.25	VUV 129.00	VUV 126.27	VUV 126.31
		S	EUR 1 =	VUV 135.57	VUV 134.21	VUV 131.38	VUV 131.42
Venezuela, Bolivarian Republic of ¹							
Caracas 484	Bolívar Soberano = 100 céntimos VES	B	USD 1 =	VES 374,790	VES 4,171,327	VES 4,366,955	VES 4,610,046
		S	USD 1 =	VES 375,729	VES 4,181,782	VES 4,377,900	VES 4,621,600
		B	EUR 1 =	VES 443,299	VES 4,844,663	VES 5,054,794	VES 5,243,789
		S	EUR 1 =	VES 444,444	VES 4,856,805	VES 5,067,463	VES 5,256,931
Viet Nam							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 23,160	VND 22,650	VND 22,650	VND 22,600
		S	USD 1 =	VND 23,332	VND 22,850	VND 22,850	VND 22,800
		B	EUR 1 =	VND 26,248.31	VND 25,973.76	VND 26,173.11	VND 25,268.47
		S	EUR 1 =	VND 27,282.12	VND 27,052.31	VND 27,339.72	VND 26,394.80
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 286.39	YER 290.08	YER 289.08	YER 281.90
		S	EUR 1 =	YER 286.96	YER 290.66	YER 289.65	YER 282.46
Zambia							
Lusaka 378	Kwacha = 100 ngwee ZMW	B	USD 1 =	ZMW 18.5912	ZMW 16.7593	ZMW 17.2384	ZMW 17.7792
		S	USD 1 =	ZMW 18.6414	ZMW 16.8093	ZMW 17.2884	ZMW 17.8292
		B	EUR 1 =	ZMW 21.3952	ZMW 19.4106	ZMW 20.0362	ZMW 20.1989
		S	EUR 1 =	ZMW 21.4583	ZMW 19.4736	ZMW 20.0977	ZMW 20.2575
Zimbabwe ¹							
Harare 382	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =	ZWL 54.51903	ZWL 87.66530	ZWL 97.13610	ZWL 105.66840
		M	EUR 1 =	ZWL 63.77682	ZWL 101.72705	ZWL 113.39695	ZWL 119.37390

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*

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
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	1.85053	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
2020	1.44027	1.18385	9.41203	149.255	1.07323	1.85161	1.28162	8.80553	12.5770	11.9614
2019 Dec.	1.38283	1.23588	9.66184	150.894	1.05386	1.80583	1.34362	9.23156	12.1685	12.8879
2020 Jan.	1.37695	1.24588	9.56160	150.129	1.04899	1.82212	1.33378	9.31064	12.6947	13.3020
Feb.	1.37328	1.25105	9.61381	150.237	1.06605	1.84418	1.32679	9.34824	12.9970	13.2864
Mar.	1.36480	1.24571	9.68007	148.354	1.10416	1.93624	1.31758	9.30215	14.3382	13.7532
Apr.	1.36640	1.25635	9.63902	145.631	1.09225	1.90066	1.32602	9.37040	14.0510	13.4540
May	1.37202	1.23206	9.80488	146.998	1.11329	1.89160	1.31940	9.18400	13.2914	12.9906
June	1.37570	1.22852	9.72356	148.190	1.12114	1.87480	1.30760	9.15566	13.4056	12.8614
July	1.41307	1.19266	9.87099	147.736	1.07556	1.89408	1.28356	8.87847	12.8000	12.2281
Aug.	1.41891	1.18837	9.72819	149.511	1.06618	1.85055	1.28376	8.84603	12.4244	12.2621
Sep.	1.40757	1.20223	9.58359	148.907	1.09688	1.87756	1.29778	8.95207	13.3458	12.6517
Oct.	1.41164	1.20674	9.45555	147.629	1.08722	1.88002	1.29370	8.98610	13.3876	12.5822
Nov.	1.43009	1.19373	9.41673	148.544	1.07079	1.85411	1.29166	8.88289	12.6070	12.1290
Dec.	1.44027	1.18385	9.41203	149.255	1.07323	1.85161	1.28162	8.80553	12.5770	11.9614
2021 Jan.	1.44080	1.18721	9.30960	150.535	1.05030	1.84135	1.28080	8.82924	12.2794	12.0514
Feb.	1.43927	1.18742	9.30691	152.894	1.03359	1.82572	1.30405	8.82979	12.3505	11.9590
Mar.	1.41721	1.20871	9.29731	156.885	1.02965	1.78214	1.33650	8.98949	12.0816	12.3636
Apr.	1.43599	1.18853	9.29861	156.451	1.03219	1.76411	1.30596	8.80375	11.8298	12.0400
May	1.44467	1.18435	9.21175	157.758	1.02277	1.75160	1.29738	8.80716	12.0748	12.0046
June	1.42642	1.20029	9.21311	157.620	1.02894	1.76791	1.31645	8.92554	12.2090	12.1393
July	1.42877	1.20156	9.22526	156.450	1.02289	1.78053	1.29325	8.93711	12.5449	12.2277
Aug.	1.42426	1.20353	9.20073	156.483	1.03439	1.79698	1.30170	8.94943	12.3482	12.2378
Sep.	1.40887	1.21675	9.10606	157.667	1.04866	1.80099	1.31934	9.04781	12.3682	12.3855
Oct.	1.41538	1.21544	9.04486	160.858	1.02683	1.75281	1.28948	9.04159	11.8500	12.0583
Nov.	1.40080	1.23277	8.92530	159.411	1.04995	1.79190	1.28712	9.16792	12.6723	12.6469
2021 Oct. 22	1.41501	1.21669	9.04372	161.339	1.02637	1.74852	1.29700	9.05281	. . .	12.1376
25	1.41446	1.21904	9.02535	160.838	1.02713	1.75095	1.30010	9.06947	11.8367	12.1270
26	1.41480	1.21776	9.03106	161.216	1.02314	1.75095	1.30027	9.05920	11.7913	12.1917
27	1.41250	1.21589	9.01925	161.237	1.03004	1.74557	1.29900	9.04552	11.8389	12.1526
28	1.41350	1.21927	9.03865	160.573	1.02718	1.74553	1.29823	9.07029	11.8840	12.1360
29	1.41538	1.21544	9.04486	160.858	1.02683	1.75281	1.28948	9.04159	11.8500	12.0583
Nov. 1	1.41082	1.21854	9.03334	161.003	1.03149	1.74490	1.28815	9.06536	11.8646	12.1166
2	1.41229	1.21718	9.03800	161.143	1.03434	1.75181	1.28893	9.05559	11.9186	12.0361
3	1.41165	1.21925	9.03367	. . .	1.03395	1.75284	. . .	9.06881	12.0230	12.0802
4	1.40951	1.21835	9.01413	160.896	1.03721	1.75471	. . .	9.06175	12.0117	12.0845
5	1.40747	1.22187	9.00779	160.128	1.04703	1.75258	1.29023	9.08777	12.0816	12.0881
8	1.41024	1.21793	9.02242	160.189	1.04335	1.75561	1.29058	9.05937	12.0264	12.1112
9	1.41155	1.21927	9.02772	159.859	1.04016	1.75710	1.29129	9.06857	12.0166	12.0766
10	1.40947	1.21947	9.01055	159.058	1.04374	1.75507	1.28846	9.06988	12.0542	12.1162
11	1.40475	1.22579	8.99661	160.072	1.04840	. . .	. . .	9.11644	12.2205	12.2589
12	1.40440	1.22677	8.97779	160.439	1.04857	1.76463	1.29605	9.12342	12.2074	12.2635
15	1.40493	1.22766	8.96531	160.134	1.04534	1.75855	1.29226	9.13067	12.1750	12.2763
16	1.40119	1.23257	8.93935	160.002	1.04197	1.75849	1.29953	9.16632	12.1856	12.3123
17	1.39933	1.23659	8.93735	160.713	1.04005	1.76246	1.30201	9.19599	12.2293	12.4291
18	1.40076	1.23470	8.93368	159.925	1.03860	1.76707	1.29816	9.18147	12.2881	12.4075
19	1.39852	1.24081	8.92754	159.892	1.03963	1.76758	1.29586	9.22739	12.4681	12.4471
22	1.39765	1.23927	8.92092	159.458	1.04000	1.77222	1.29653	9.21625	12.4813	12.5135
23	1.39476	1.23880	8.90385	. . .	1.04414	1.77232	1.30131	9.21209	12.4759	12.5430
24	1.39390	1.24389	8.90535	160.564	1.04229	1.76705	1.30476	9.25052	12.4713	12.6164
29	1.39804	1.23984	8.92618	158.957	1.04785	. . .	1.29158	9.22033	12.6637	12.7946
30	1.40080	1.23277	8.92530	159.411	1.04995	1.79190	1.28712	9.16792	12.6723	12.6469
Dec. 1	1.39950	1.23696	8.90924	158.703	1.05044	1.78800	1.28810	9.19836	12.6411	12.6382
2	1.40051	1.23513	8.92937	158.202	1.05073	1.79476	1.28742	9.18468	12.7171	12.7164
3	1.39858	1.23867	8.90813	158.222	1.05434	1.79186	1.28621	9.21107	12.7428	12.7330
6	1.39799	1.23858	8.90869	158.042	1.05274	1.78663	1.28950	9.21031	12.7503	12.7742
7	1.39623	1.24043	8.89079	158.751	1.05352	1.76762	1.29172	9.22416	12.6399	12.6589
8	1.39717	1.23654	8.87989	158.551	1.05742	1.76630	1.29168	9.19523	12.4841	12.6816
9	1.39780	1.23579	8.86698	159.000	1.06014	1.77521	1.28954	9.18957	12.5494	12.6662
10	1.39595	1.23831	8.88857	158.357	1.05762	1.77481	1.29104	9.20836	12.5485	12.6582
13	1.39691	1.23862	8.88897	158.619	1.05340	. . .	. . .	. . .	. . .	. . .
14	1.39868	1.23678	8.89981	158.960	1.05553	. . .	1.28587	9.19701	12.6740	12.7263

VI. Global exchange rate arrangements and monetary policy framework*

As of end-April 2020

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 Libya	Bhutan Eswatini Lesotho Namibia Nepal	Samoa ³		Solomon Islands ³
Stabilised arrangement	Guyana Iran, Islamic Republic of ⁷ Lebanon Maldives Trinidad and Tobago	Croatia North Macedonia	Morocco Viet Nam ⁷		Bolivia, Plurinational State of ⁷ Nigeria ⁷ Suriname ⁷ Tanzania, United Republic of ⁷ Yemen ⁷	Armenia ^{7,8} Guatemala ⁷ Serbia Sri Lanka ^{7,8}	Azerbaijan ⁷ Kyrgyzstan ⁷ Malawi ^{7,8} Sudan ⁷ Tajikistan ^{7,9}
Crawling peg	Honduras Nicaragua		Botswana				
Pegged exchange rate within horizontal bands							

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2020, Table 4, 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 2020

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	Cambodia Liberia		Singapore		Algeria ⁷ Bangladesh ⁷ Burundi ⁷ Congo, Democratic Republic of the ⁷ Ethiopia ⁷ Guinea ^{7,11} Papua New Guinea ⁷	Costa Rica Dominican Republic ⁷ Paraguay ^{7,8} Romania ¹⁰	Egypt ^{7,9} Haiti ⁷ Lao People's Democratic Republic ⁷ Mauritania ⁷ Mongolia ⁹ Rwanda ⁷ South Sudan ⁷ Tunisia ^{9,10} Uzbekistan ^{7,9}
Other managed arrangement			Kuwait Syrian Arab Republic		Afghanistan Angola ^{8,11} China Gambia Myanmar Sierra Leone Zimbabwe		Argentina Kenya ⁹ Pakistan ^{9,11} Tonga Vanuatu Venezuela, Bolivarian Republic of
Floating					Belarus Madagascar	Albania Brazil Chile Colombia Georgia Ghana Hungary Iceland India Indonesia Israel Jamaica Kazakhstan Korea, Republic of Moldova, Republic of New Zealand Peru Philippines Seychelles South Africa Thailand Turkey Uganda Ukraine Uruguay	Malaysia Mauritius Mozambique ⁹ Switzerland ^{8,11} Zambia
Free floating						Australia Canada Czechia 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 exchange rate arrangement was reclassified twice during this reporting period. ⁹ The central bank is in transition towards inflation targeting. 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	GYP	Guyana dollar	Guyana
ANG	Netherlands Antillean guilder	Curaçao Sint Maarten (southern part)	DJF	Djibouti franc	Djibouti	HKD	Hong Kong dollar	Hong Kong
AOA	Kwanza	Angola	DKK	Danish krone	Denmark Faroe Islands Greenland	HNL	Lempira	Honduras
ARS	Argentine peso	Argentina	DOP	Dominican peso	Dominican Republic	HRK	Kuna	Croatia
AUD	Australian dollar	Australia Christmas Island Cocos Islands Kiribati Nauru Norfolk Island Tuvalu	DZD	Algerian dinar	Algeria	HTG	Gourde	Haiti
AWG	Aruban florin	Aruba	EGP	Egyptian pound	Egypt	HUF	Hungarian forint	Hungary
AZN	Azerbaijan manat	Azerbaijan	ERN	Nakfa	Eritrea	IDR	Indonesian rupiah	Indonesia
BAM	Convertible marka	Bosnia and Herzegovina	ETB	Birr	Ethiopia	ILS	New shekel	Israel
BBD	Barbados dollar	Barbados	EUR	Euro	Austria Belgium Cyprus Estonia Finland France Germany Greece Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain	INR	Indian rupee	India Bhutan
BDT	Taka	Bangladesh			Åland Islands Andorra (French) Guiana Guadeloupe Martinique Mayotte Monaco Montenegro Réunion Saint Pierre and Miquelon Saint Barthélemy Saint Martin (northern part) San Marino Vatican City	IQD	Iraqi dinar	Iraq
BGN	Bulgarian lev	Bulgaria				IRR	Iranian rial	Iran, Islamic Republic of
BHD	Bahraini dinar	Bahrain				ISK	Icelandic krona	Iceland
BIF	Burundi franc	Burundi				JMD	Jamaican dollar	Jamaica
BMD	Bermudian dollar	Bermuda				JOD	Jordanian dinar	Jordan
BND	Brunei dollar	Brunei Darussalam				JPY	Japanese yen	Japan
BOB	Boliviano	Bolivia, Plurinational State of				KES	Kenya shilling	Kenya
BRL	Brazilian real	Brazil				KGS	Kyrgyz som	Kyrgyzstan
BSD	Bahamian dollar	Bahamas				KHR	Riel	Cambodia
BTN	Ngultrum	Bhutan				KMF	Comorian franc	Comoros
BWP	Pula	Botswana				KPW	North Korean won	Korea, Democratic People's Republic of
BYN	Belarusian rouble	Belarus				KRW	South Korean won	Korea, Republic of
BZD	Belize dollar	Belize				KWD	Kuwaiti dinar	Kuwait
			FJD	Fiji dollar	Fiji	KYD	Cayman Islands dollar	Cayman Islands
CAD	Canadian dollar	Canada	FKP	Falkland Islands pound	Falkland Islands (Islas Malvinas)	KZT	Tenge	Kazakhstan
CDF	Congo franc	Congo, Democratic Republic of the				LAK	Kip	Lao People's Democratic Republic
CHF	Swiss franc	Switzerland Liechtenstein	GBP	Pound sterling	United Kingdom Guernsey Isle of Man Jersey	LBP	Lebanese pound	Lebanon
CLP	Chilean peso	Chile				LKR	Sri Lanka rupee	Sri Lanka
CNY	Chinese renminbi	China	GEL	Lari	Georgia	LRD	Liberian dollar	Liberia
COP	Colombian peso	Colombia	GHS	Ghana cedi	Ghana	LSL	Loti	Lesotho
CRC	Costa Rican colón	Costa Rica	GIP	Gibraltar pound	Gibraltar	LYD	Libyan dinar	Libya

* Extracted and compiled from ISO communications. ¹ See Explanatory notes on individual countries, pp. 53 ff.

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
MAD	Moroccan dirham	Morocco Western Sahara	SAR	Saudi riyal	Saudi Arabia	UYU	Uruguayan peso	Uruguay
MDL	Moldovan leu	Moldova, Republic of	SBD	Solomon Islands dollar	Solomon Islands	UZS	Uzbekistan sum	Uzbekistan
MGA	Ariary	Madagascar	SCR	Seychelles rupee	Seychelles	VED	Bolívar Soberano	Venezuela, Bolivarian Republic of ¹
MKD	North Macedonia denar	North Macedonia	SDG	Sudanese pound	Sudan	VES	Bolívar Soberano	Venezuela, Bolivarian Republic of
MMK	Kyat	Myanmar	SEK	Swedish krona	Sweden	VND	Dong	Viet Nam
MNT	Togrog	Mongolia	SGD	Singapore dollar	Singapore	VUV	Vatu	Vanuatu
MOP	Pataca	Macao	SHP	Saint Helena pound	Saint Helena, Ascension and Tristan da Cunha	WST	Tala	Samoa
MRU	Ouguiya	Mauritania	SLL	Leone	Sierra Leone	XAF	CFA franc	Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon
MUR	Mauritian rupee	Mauritius	SOS	Somali shilling	Somalia	XCD	East Caribbean dollar	Anguilla Antigua and Barbuda Dominica Grenada Montserrat Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines
MVR	Rufiyaa	Maldives	SRD	Suriname dollar	Suriname	XOF	CFA franc	Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo
MWK	Malawi kwacha	Malawi	SSP	South Sudanese pound	South Sudan	XPF	CFP franc	New Caledonia French Polynesia Wallis and Futuna (Islands)
MXN	Mexican peso	Mexico	STN	Dobra	Sao Tome and Principe	YER	Yemeni rial	Yemen
MYR	Malaysian ringgit	Malaysia	SVC	El Salvador colón	El Salvador	ZAR	South African rand	South Africa Lesotho Namibia
MZN	Metical	Mozambique	SYP	Syrian pound	Syrian Arab Republic	ZMW	Kwacha	Zambia
NAD	Namibia dollar	Namibia	SZL	Lilangeni	Eswatini	ZWL	Zimbabwe dollar	Zimbabwe
NGN	Naira	Nigeria	THB	Thai baht	Thailand			
NIO	Córdoba	Nicaragua	TJS	Somoni	Tajikistan			
NOK	Norwegian krone	Norway Spitzbergen/ Spitsbergen	TMT	Turkmen manat	Turkmenistan			
NPR	Nepalese rupee	Nepal	TND	Tunisian dinar	Tunisia			
NZD	New Zealand dollar	New Zealand Cook Islands Niue Pitcairn Islands Group Tokelau	TOP	Pa'anga	Tonga			
			TRY	Turkish lira	Turkey			
			TTD	Trinidad and Tobago dollar	Trinidad and Tobago			
			TWD	New Taiwan dollar	China (Taiwan)			
OMR	Rial Omani	Oman	TZS	Tanzania shilling	Tanzania, United Republic of			
PAB	Balboa	Panama	UAH	Hryvnia	Ukraine			
PEN	Sol	Peru	UGX	Uganda shilling	Uganda			
PGK	Kina	Papua New Guinea	USD	US dollar	United States American Samoa Bonaire British Virgin Islands Ecuador El Salvador Guam Marshall Islands Micronesia, Federated States of Northern Mariana Islands Palau Panama Puerto Rico Saba Saint Eustatius Timor-Leste Turks and Caicos Islands Virgin Islands of the United States			
PHP	Philippine peso	Philippines						
PKR	Pakistani rupee	Pakistan						
PLN	Polish zloty	Poland						
PYG	Guaraní	Paraguay						
QAR	Qatari riyal	Qatar						
RON	Romanian leu	Romania						
RSD	Serbian dinar	Serbia						
RUB	Russian rouble	Russian Federation						
RWF	Rwanda franc	Rwanda						

Memo item:

XAG Silver
XAU Gold
XDR Special drawing right
XPD Palladium
XPT Platinum

Explanatory notes

Euro foreign exchange reference rates of the European Central Bank

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

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

Since 4 January 1999, the ECB has published euro foreign exchange reference rates for selected currencies each working day. These rates are calculated on the basis of the daily concertation between central banks which takes place at 14:15 CET. Only one reference rate, i. e. the middle rate, is established by this procedure. The ECB changed the publication time of the euro foreign exchange reference rates from around 14:30 CET to around 16:00 CET with effect from 1 July 2016. For information on the framework for the euro foreign exchange reference rates, see the ECB's website: <https://www.ecb.europa.eu/stats/pdf/exchange/Frameworkfortheeuroforeignexchangereference-rates.en.pdf?c883afa875c74877fdf4634dcb85688c>.

Effective euro exchange rates

The indices of the nominal effective exchange rates of the euro are designed to measure, in aggregated form, the impact of changes in exchange rates on the price competitiveness of the euro area economy as a whole. They are calculated by the Deutsche Bundesbank on the basis of weighted averages of the bilateral euro exchange rates against the currencies of selected trading partners of the euro area, with Q1 1999 = 100. An increase in the index rate indicates an appreciation of the euro and thus, taken in isolation, a negative impact on the price competitiveness of the domestic economy. The weights are based on the trade in manufactured goods (Sections 5 to 8 of the Standard International Trade Classification (SITC)) and

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

The table entitled "Overall trade weights 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-42 groups as well as their percentage weights. To prevent breaks in the time series, the indices of two consecutive weighting periods are chain-linked beyond the end of the preceding period. See the ECB's website for information on the revised trade weights published from July 2020 (<https://www.ecb.europa.eu/stats/pdf/exchange/updatedtradeweights201708202007.pdf?f184ad85cc2c5ccefcd05680706893cde>).

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

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

Indicators of the German economy's price competitiveness

The calculation of indicators of the German economy's price competitiveness is methodically consistent with the ECB's procedure for determining the effective exchange rates of the euro. For more detailed information on methodology and weighting scale, see the website of the Deutsche Bundesbank (<https://www.bundesbank.de/content/796162>).

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

The group of 26 selected industrialised countries comprises the respective composition of euro area countries (see Table I. 1., p. 7) as well as Canada, Denmark, Japan,

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

Figures in %

As of July 2020

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

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

Norway, Sweden, Switzerland, the United Kingdom and the United States.

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

■ Overview of world currencies

The end-of-month exchange rates listed in Table IV. 1. (pp. 18-40) are the latest rates known to us at the end of a given month; in general, they have been taken from reliable sources (central bank or a commercial bank in the country in question). However, we do not know whether transactions were actually executed at those rates in all cases. If no exchange rates for euro or US dollar are available from a country, we have calculated comparative values at the exchange rates or parities available and identified them with a "V" in the column "type of rate".

The previous-year average specified in this table was basically calculated from all of the rates or comparable figures available to us.

In addition to the generally accepted currency name and its abbreviation, the three-character alphabetical ISO currency code is specified (see Table VII., pp. 46-47). This was developed by the International Organization for Standardization as ISO Standard 4217. This currency code is designed to enable uniformly abbreviated designations for currency-related values to be used in international financial transactions. This applies, inter alia, to all external payments under the SWIFT system. The ISO code should not, however, be confused with the official national currency abbreviations.

The numerical country code is based on the list of countries for foreign trade and payments statistics of the Federal Republic of Germany, which can be found on the Deutsche Bundesbank's website under Service / Reporting systems / External sector / Code lists.

■ Value of the special drawing right

With the introduction of the Chinese renminbi on 1 October 2016, the value of an SDR (ISO code XDR) is defined as the sum of the values of fixed amounts of five currencies.

The composition of the currency basket as well as the weight and amounts of the currency units in the basket

are reviewed every five years. In the most recently concluded review (November 2015), the Executive Board of the IMF decided that the Chinese renminbi will be 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 <https://www.imf.org/en/Publications/Policy-Papers/Issues/2016/12/31/Review-of-the-Method-of-Valuation-of-the-SDR-Amendment-to-Rule-O-1-PP5065>).

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

On 5 March 2021, the IMF Executive Board approved a continuation of the current Special drawing rights valuation basket for an additional ten months until 31 July 2022. The next review is now scheduled to be completed by mid-2022, with the new SDR basket taking effect on 1 August 2022.

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 2020

(see Table VI., pp. 44-45) is based on the IMF’s “Annual Report on Exchange Arrangements and Exchange Restrictions 2020”, which can be accessed online (<https://www.elibrary-areaer.imf.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 arrangements with no separate legal tender and currency board arrangements (institutionalised, unilateral exchange rate peg). The category “soft pegs” (less stringent exchange rate anchors) comprises conventional fixed peg arrangements (exchange rate guarantee but no irrevocable parity), stabilised arrangements (exchange rate within a narrow band without any political obligation), crawling pegs (moving central rate without a band), crawl-like arrangements (moving central rate with an annual minimum rate of change) and pegged exchange rates within horizontal bands. The category “floating regimes” (market-determined rates) distinguishes between free-floating rates (intervention in exceptional cases only) and floating rates (more frequent modes of intervention). All other exchange rate arrangements are grouped under the category “residual” (other managed arrangements). The classification system presents members’ exchange rate arrangements against alternative monetary policy frameworks in order to highlight the role of the exchange rate in broad economic policy and to illustrate that different exchange rate arrangements can be consistent with similar monetary frameworks.

The monetary policy frameworks listed are as follows.

Exchange rate anchor

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

Monetary aggregate target

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

Inflation-targeting framework

This involves the public announcement of numerical targets for inflation, with an institutional commitment by the monetary authority to achieve these targets, typically over a medium-term horizon. Additional key features 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

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

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

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

The Administración Federal de Ingresos Públicos (AFIP) has been levying an additional tax of 35% on the same transactions since 16 September 2020.

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

Bangladesh

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

Benin

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

Bhutan

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

Brunei Darussalam

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

Burkina Faso

See Explanatory notes on Benin.

Cameroon

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

Central African Republic

See Explanatory notes on Cameroon.

Chad

See Explanatory notes on Cameroon.

Congo

See Explanatory notes on Cameroon.

Congo, Democratic Republic of the

We have no exchange rates for the Congo franc from May to September 2021.

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

With effect from 1 January 2021, the dual currency system consisting of the convertible peso (CUC) and the Cuban peso (CUP) has been abolished and the Cuban peso designated as the country's sole legal tender. The Cuban peso is pegged to the US dollar at a rate of USD 1 = CUP 24. Existing sums in convertible pesos could be exchanged at banks and bureaux de change at a rate of CUC 1 = CUP 24 until 30 June 2021.

Until the end of 2020, the Cuban government applied a CUC to CUP exchange rate of 1:1 in its national accounts. In reality, Cuban pesos could only be exchanged for convertible pesos at a considerable discount.

From 18 March 2005 to the end of 2020, the government foreign exchange bureaus (CADECA – Casas de Cambio) paid CUP 24 per CUC or USD. Individuals wanting to purchase CUC had to 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 bureaus.

Bureau de change rate

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

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

Iraq

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

Kenya

The term "Kenya pound" is a unit of account equivalent to 20 Kenya shillings.

Korea, Democratic People's Republic of

We have no exchange rates for the won as of July 2020.

Lebanon

The ongoing liquidity and economic crisis in Lebanon has resulted in a sharp depreciation of the Lebanese pound in the parallel market that has formed in the meantime. This has prompted Lebanon's central bank to introduce various measures since mid-2020 to contain the resulting foreign currency shortage.

Alongside the existing official exchange rate to the US dollar (LBP 1,507.50), it introduced a bank rate of LBP 3,900 per US dollar. In addition, commercial banks and foreign exchange dealers operating in Lebanon are required to conduct transactions in foreign currency via the central bank's own Sayrafa electronic platform. According to the Lebanese central bank, the exchange rate formed here is intended to reflect the current market situation.

We have the following information on how exchange rates have been applied since the end of August 2021:

Official exchange rate

For specific imports, for example, wheat, medication, medical supplies, selected commodities and for servicing limited retail consumer and housing loans denominated in US dollar.

Bank rate

For limited cash withdrawals from foreign currency accounts at banks in Lebanon.

Sayrafa market rate

For imports of petrol, diesel and gas, and for regulated buying and selling of foreign currencies.

In addition, it is understood that there is a black market where, according to press reports, the exchange rate to the US dollar stood at over 24,000 Lebanese pounds at the end of November 2021.

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

It is understood that there are different bureau de change rates alongside the official, published exchange rate.

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

We have no exchange rates for the Somali shilling.

Syrian Arab Republic

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

Togo

See Explanatory notes on Benin.

Turkmenistan

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

United Arab Emirates

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

United Kingdom

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

Venezuela, Bolivarian Republic of

With effect from 1 October 2021, a currency changeover took place at the ratio of 1,000,000 (old) bolívar soberano = 1 (new) bolívar soberano. Alongside the new banknotes introduced on this date, banknotes for the old currency in denominations of 10,000 bolívar soberano and above will remain legal tender for the time being. The currency changeover did not entail any appreciation or depreciation against other currencies.

In addition, on 1 October a new ISO currency code – VED – was introduced alongside the existing VES code. This code is only for internal purposes, however, and is not intended to replace VES as the official currency code.

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

Zimbabwe

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