

Exchange rate statistics

January 2022

Statistical Series

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Abbreviations and symbols

CU	Currency unit(s)
EC	European Community
ECB	European Central Bank
ECU	European Currency Unit
EER	Effective exchange rate
ERM	Exchange Rate Mechanism
EU	European Union
IMF	International Monetary Fund
ISO	International Organization for Standardization
SDR	Special drawing right
SITC	Standard International Trade Classification
SWIFT	Society for Worldwide Interbank Financial Telecommunication

B	Buying rate
M	Middle rate
S	Selling rate
V	Calculated value

e	Estimated
p	Provisional
r	Revised
.	Data unknown, not to be published or not meaningful
–	Nil

Discrepancies in the totals are due to rounding.

I. Euro area and exchange rate stability convergence criterion

1. Euro area countries and irrevocable euro conversion rates in the third stage of 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	Upper rate	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824
Danish krone	Central rate	¹ 7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038
DKK	Lower rate	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252
Bulgaria	Upper rate	—	—	—	—	—	—	—	2.24920
Bulgarian lev	Central rate	—	—	—	—	—	—	—	² 1.95583
BGN	Lower rate	—	—	—	—	—	—	—	1.66246
Croatia	Upper rate	—	—	—	—	—	—	—	8.66468
Croatian kuna	Central rate	—	—	—	—	—	—	—	² 7.53450
HRK	Lower rate	—	—	—	—	—	—	—	6.40433
Greece	Upper rate	406.075	³ 391.863	—	—	—	—	—	—
Greek drachma	Central rate	¹ 353.109	340.750	—	—	—	—	—	—
GRD	Lower rate	300.143	289.638	—	—	—	—	—	—
Estonia	Upper rate	—	—	17.9936	17.9936	17.9936	17.9936	17.9936	—
Estonian kroon	Central rate	—	—	15.6466	15.6466	15.6466	15.6466	⁴ 15.6466	—
EEK	Lower rate	—	—	13.2996	13.2996	13.2996	13.2996	13.2996	—
Lithuania	Upper rate	—	—	3.97072	3.97072	3.97072	3.97072	3.97072	—
Lithuanian litas	Central rate	—	—	3.45280	3.45280	3.45280	3.45280	⁵ 3.45280	—
LTL	Lower rate	—	—	2.93488	2.93488	2.93488	2.93488	2.93488	—
Slovenia	Upper rate	—	—	275.586	275.586	275.586	—	—	—
Slovenian tolar	Central rate	—	—	239.640	239.640	⁶ 239.640	—	—	—
SIT	Lower rate	—	—	203.694	203.694	203.694	—	—	—
Cyprus	Upper rate	—	—	—	0.673065	0.673065	⁷ 0.673065	—	—
Cyprus pound	Central rate	—	—	—	0.585274	0.585274	0.585274	—	—
CYP	Lower rate	—	—	—	0.497483	0.497483	0.497483	—	—
Latvia	Upper rate	—	—	—	0.808225	0.808225	0.808225	0.808225	—
Latvian lats	Central rate	—	—	—	0.702804	0.702804	⁸ 0.702804	0.702804	—
LVL	Lower rate	—	—	—	0.597383	0.597383	0.597383	0.597383	—
Malta	Upper rate	—	—	—	0.493695	0.493695	0.493695	—	—
Maltese lira	Central rate	—	—	—	0.429300	0.429300	⁷ 0.429300	—	—
MTL	Lower rate	—	—	—	0.364905	0.364905	0.364905	—	—
Slovakia	Upper rate	—	—	—	—	44.2233	40.7588	⁹ 34.6449	—
Slovak koruna	Central rate	—	—	—	—	38.4550	35.4424	30.1260	—
SKK	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								
Period	Bulgaria	Croatia	Czechia	Denmark	Hungary	Poland	Romania	Sweden
	Bulgarian lev BGN	Kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	Swedish krona SEK
2020 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
Dec.	1.9558	7.5156	24.858	7.4364	369.19	4.5969	4.9490	10.2503
2021 Dec. 20	1.9558	7.5150	25.234	7.4363	366.69	4.6337	4.9486	10.3010
21	1.9558	7.5215	25.240	7.4362	368.00	4.6375	4.9500	10.3315
22	1.9558	7.5208	25.240	7.4362	368.54	4.6320	4.9503	10.2906
23	1.9558	7.5165	25.088	7.4362	369.84	4.6280	4.9495	10.3035
24	1.9558	7.5108	25.014	7.4360	370.82	4.6190	4.9498	10.3300
27	1.9558	7.5025	25.139	7.4362	370.22	4.6050	4.9498	10.3250
28	1.9558	7.5175	24.980	7.4362	369.08	4.6063	4.9500	10.2528
29	1.9558	7.5200	24.958	7.4365	370.22	4.6037	4.9499	10.2608
30	1.9558	7.5211	24.917	7.4365	370.15	4.5960	4.9494	10.2438
31	1.9558	7.5156	24.858	7.4364	369.19	4.5969	4.9490	10.2503
2022 Jan. 3	1.9558	7.5190	24.818	7.4382	367.71	4.5895	4.9483	10.2958
4	1.9558	7.5185	24.745	7.4378	365.12	4.5667	4.9481	10.2808
5	1.9558	7.5190	24.581	7.4384	362.15	4.5666	4.9460	10.2545
6	1.9558	7.5197	24.528	7.4393	359.84	4.5614	4.9435	10.3265
7	1.9558	7.5214	24.439	7.4380	358.68	4.5496	4.9451	10.2839
10	1.9558	7.5278	24.357	7.4381	358.40	4.5334	4.9449	10.3038
11	1.9558	7.5236	24.412	7.4404	357.45	4.5438	4.9450	10.3075
12	1.9558	7.5240	24.423	7.4414	355.98	4.5359	4.9453	10.2640
13	1.9558	7.5202	24.458	7.4409	355.24	4.5361	4.9440	10.2380
14	1.9558	7.5205	24.493	7.4414	356.10	4.5414	4.9429	10.2684

Other European and non-European countries								
	Australia	Brazil	Canada	China	Hong Kong	Iceland	India	Indonesia
	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Yuan (renminbi) CNY	Hong Kong dollar HKD	Icelandic krona ISK	Indian rupee INR	Indonesian rupiah IDR
2020 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
Dec.	1.5615	6.3101	1.4393	7.1947	8.8333	147.60	84.2292	16,100.42
2021 Dec. 20	1.5855	6.4219	1.4569	7.1882	8.7943	146.60	85.5025	16,244.16
21	1.5840	6.4573	1.4599	7.1965	8.8111	146.80	85.3648	16,135.51
22	1.5758	6.4616	1.4589	7.1999	8.8155	146.80	85.4070	16,102.79
23	1.5639	6.4015	1.4510	7.2056	8.8215	147.00	85.0775	16,041.87
24	1.5645	6.4229	1.4502	7.2064	8.8255	147.20	84.8850	16,056.50
27	1.5685	6.4157	1.4529	7.2087	8.8246	147.40	84.8105	16,081.55
28	1.5603	6.3981	1.4487	7.2159	8.8380	147.40	84.6335	16,126.51
29	1.5638	6.3824	1.4486	7.1994	8.8127	147.40	84.3880	16,112.32
30	1.5594	6.3734	1.4481	7.2230	8.8399	147.60	84.2575	16,163.41
31	1.5615	6.3101	1.4393	7.1947	8.8333	147.60	84.2292	16,100.42
2022 Jan. 3	1.5691	6.3539	1.4420	7.2174	8.8541	147.60	84.3949	16,202.02
4	1.5682	6.4174	1.4382	7.1924	8.7919	147.80	84.2055	16,199.73
5	1.5600	6.4146	1.4399	7.2087	8.8227	146.80	84.1610	16,263.02
6	1.5778	6.4420	1.4451	7.2187	8.8272	146.80	84.2475	16,291.88
7	1.5804	6.4343	1.4374	7.2060	8.8133	146.00	83.9780	16,188.43
10	1.5774	6.3969	1.4327	7.2128	8.8233	146.20	83.8000	16,181.90
11	1.5804	6.3890	1.4329	7.2255	8.8384	147.00	83.7481	16,221.39
12	1.5762	6.3458	1.4261	7.2379	8.8630	147.00	84.0285	16,295.93
13	1.5709	6.3518	1.4304	7.2913	8.9289	147.00	84.7170	16,379.02
14	1.5803	6.3361	1.4330	7.2728	8.9119	147.00	84.9445	16,388.85

* 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	Japan	Korea, Republic of	Malaysia	Mexico	New Zealand	Norway	Philippines
	New shekel ILS	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN	New Zealand dollar NZD	Norwegian krone NOK	Philippine peso PHP
2020 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
Dec.	3.5159	130.38	1,346.38	4.7184	23.1438	1.6579	9.9888	57.763
2021 Dec. 20	3.5608	127.98	1,343.40	4.7645	23.4407	1.6778	10.1915	56.256
21	3.5770	128.44	1,345.39	4.7540	23.4677	1.6726	10.1488	56.389
22	3.5775	129.08	1,346.25	4.7617	23.4700	1.6674	10.0613	56.772
23	3.5663	129.39	1,343.29	4.7502	23.4090	1.6609	10.0113	56.633
24	3.5735	129.45	1,343.18	4.7480	23.3103	1.6589	10.0043	56.592
27	3.5465	129.79	1,343.60	4.7318	23.3216	1.6660	10.0405	56.830
28	3.5223	130.16	1,345.14	4.7369	23.4003	1.6602	9.9728	57.288
29	3.5179	129.97	1,341.06	4.7269	23.2544	1.6625	9.9883	57.592
30	3.5204	130.44	1,347.56	4.7336	23.2431	1.6545	9.9703	57.849
31	3.5159	130.38	1,346.38	4.7184	23.1438	1.6579	9.9888	57.763
2022 Jan. 3	3.5139	130.56	1,354.40	4.7379	23.2259	1.6651	10.0013	58.051
4	3.4909	131.17	1,352.91	4.7214	23.1808	1.6668	10.0138	57.988
5	3.4989	131.03	1,354.61	4.7466	23.1422	1.6597	9.9672	57.713
6	3.5247	131.05	1,362.06	4.7670	23.2549	1.6752	10.0350	57.943
7	3.5135	130.90	1,359.96	4.7553	23.1109	1.6748	10.0288	58.046
10	3.5303	130.45	1,355.68	4.7536	23.0597	1.6753	10.0253	58.141
11	3.5490	130.95	1,352.85	4.7515	23.0888	1.6772	10.0165	57.979
12	3.5406	131.19	1,353.27	4.7595	23.1852	1.6775	9.9270	58.080
13	3.5638	130.98	1,359.24	4.7875	23.3894	1.6676	9.9333	58.572
14	3.5565	130.17	1,361.27	4.7831	23.2684	1.6745	9.9863	58.727

Other European and non-European countries (cont'd)								
	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United Kingdom	United States
	Russian rouble RUB	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY	Pound sterling GBP	US dollar USD
2020 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
Dec.	85.3004	1.5279	18.0625	1.0331	37.653	15.2335	0.84028	1.1326
2021 Dec. 20	83.5900	1.5415	17.8271	1.0408	37.889	20.0434	0.85205	1.1273
21	83.5985	1.5414	17.9025	1.0417	38.019	14.7132	0.85280	1.1295
22	83.4396	1.5422	17.9668	1.0432	38.130	14.0719	0.84900	1.1301
23	83.2366	1.5379	17.7769	1.0413	37.934	12.6525	0.84228	1.1310
24	83.2027	1.5343	17.5821	1.0402	37.833	13.2402	0.84389	1.1317
27	83.2088	1.5354	17.5609	1.0396	37.963	12.8099	0.84330	1.1312
28	83.4446	1.5335	17.8113	1.0381	37.948	13.3521	0.84248	1.1331
29	83.5863	1.5309	17.9471	1.0380	37.888	14.1525	0.84115	1.1303
30	84.8888	1.5330	18.0173	1.0363	37.867	14.7184	0.83930	1.1334
31	85.3004	1.5279	18.0625	1.0331	37.653	15.2335	0.84028	1.1326
2022 Jan. 3	84.5313	1.5333	17.9661	1.0372	37.665	15.0777	0.84135	1.1355
4	84.9202	1.5310	18.1080	1.0355	37.582	15.1384	0.83618	1.1279
5	85.7275	1.5340	17.9369	1.0364	37.607	15.2446	0.83546	1.1319
6	86.5088	1.5388	17.7932	1.0395	37.962	15.5504	0.83593	1.1315
7	85.2980	1.5356	17.6701	1.0422	38.074	15.7206	0.83430	1.1298
10	84.9825	1.5344	17.6999	1.0446	38.074	15.7183	0.83398	1.1318
11	84.8663	1.5342	17.7094	1.0502	37.862	15.6960	0.83475	1.1336
12	84.7559	1.5358	17.5645	1.0486	37.936	15.5922	0.83338	1.1370
13	86.6030	1.5427	17.6381	1.0453	38.080	15.5744	0.83545	1.1463
14	88.0011	1.5418	17.6043	1.0429	38.033	15.5256	0.83508	1.1447

* 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								
Period	Bulgaria	Croatia	Czechia	Denmark	Hungary	Poland	Romania	Sweden
	Bulgarian lev BGN	Kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	Swedish krona SEK
2020	1.9558	7.5384	26.455	7.4542	351.25	4.4430	4.8383	10.4848
2021	1.9558	7.5284	25.640	7.4370	358.52	4.5652	4.9215	10.1465
2019 Nov.	1.9558	7.4400	25.531	7.4720	333.62	4.2855	4.7698	10.6497
Dec.	1.9558	7.4416	25.497	7.4720	330.71	4.2726	4.7779	10.4827
2020 Jan.	1.9558	7.4429	25.216	7.4729	334.38	4.2507	4.7788	10.5544
Feb.	1.9558	7.4543	25.051	7.4713	337.17	4.2766	4.7837	10.5679
Mar.	1.9558	7.5706	26.575	7.4703	345.68	4.4406	4.8282	10.8751
Apr.	1.9558	7.5928	27.262	7.4617	356.69	4.5437	4.8371	10.8845
May	1.9558	7.5749	27.269	7.4577	350.76	4.5251	4.8371	10.5970
June	1.9558	7.5682	26.681	7.4548	347.69	4.4450	4.8392	10.4869
July	1.9558	7.5296	26.514	7.4467	351.16	4.4493	4.8383	10.3538
Aug.	1.9558	7.5077	26.167	7.4460	348.93	4.3995	4.8376	10.3087
Sep.	1.9558	7.5417	26.741	7.4418	360.61	4.4727	4.8602	10.4279
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
Dec.	1.9558	7.5201	25.246	7.4362	367.50	4.6137	4.9492	10.2726

Other European and non-European countries								
	Australia	Brazil	Canada	China	Hong Kong	Iceland	India	Indonesia
	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Yuan (renminbi) CNY	Hong Kong dollar HKD	Icelandic krona ISK	Indian rupee INR	Indonesian rupiah IDR
2020	1.6549	5.8943	1.5300	7.8747	8.8587	154.59	84.6392	16,627.37
2021	1.5749	5.3779	1.4826	7.6282	9.1932	150.15	87.4392	16,920.72
2019 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
Dec.	1.5781	6.3841	1.4463	7.1993	8.8155	147.15	85.1762	16,184.17

* 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 Philippine peso PHP
2020	3.9258	121.85	1,345.58	4.7959	24.5194	1.7561	10.7228	56.615
2021	3.8208	129.88	1,354.06	4.9015	23.9852	1.6724	10.1633	58.299
2019 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
Dec.	3.5426	128.80	1,338.49	4.7599	23.6159	1.6649	10.1308	56.917

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	82.7248	1.5742	18.7655	1.0705	35.708	8.0547	0.88970	1.1422
2021	87.1527	1.5891	17.4766	1.0811	37.837	10.5124	0.85960	1.1827
2019 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
Dec.	83.4913	1.5403	17.9331	1.0408	37.931	15.4045	0.84875	1.1304

* 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	Croatia	Czechia	Denmark	Estonia	Hungary	Latvia	Lithuania	Poland
	Bulgarian lev BGN	Kuna HRK	Czech koruna CZK	Danish krone DKK	Estonian kroon EEK 1	Hungarian forint HUF	Latvian lats LVL 1	Lithuanian litas LTL 1	Polish zloty PLN
End of year									
2008	1.9558	7.3555	26.875	7.4506	15.6466	266.70	0.708300	3.4528	4.1535
2009	1.9558	7.3000	26.473	7.4418	15.6466	270.42	0.709300	3.4528	4.1045
2010	1.9558	7.3830	25.061	7.4535	15.6466	277.95	0.709400	3.4528	3.9750
2011	1.9558	7.5370	25.787	7.4342	—	314.58	0.699500	3.4528	4.4580
2012	1.9558	7.5575	25.151	7.4610	—	292.30	0.697700	3.4528	4.0740
2013	1.9558	7.6265	27.427	7.4593	—	297.04	0.702804	3.4528	4.1543
2014	1.9558	7.6580	27.735	7.4453	—	315.54	—	3.4528	4.2732
2015	1.9558	7.6380	27.023	7.4626	—	315.98	—	—	4.2639
2016	1.9558	7.5597	27.021	7.4344	—	309.83	—	—	4.4103
2017	1.9558	7.4400	25.535	7.4449	—	310.33	—	—	4.1770
2018	1.9558	7.4125	25.724	7.4673	—	320.98	—	—	4.3014
2019	1.9558	7.4395	25.408	7.4715	—	330.53	—	—	4.2568
2020	1.9558	7.5519	26.242	7.4409	—	363.89	—	—	4.5597
2021	1.9558	7.5156	24.858	7.4364	—	369.19	—	—	4.5969
Annual averages +									
2008	1.9558	7.2239	24.946	7.4560	15.6466	251.51	0.7027	3.4528	3.5121
2009	1.9558	7.3400	26.435	7.4462	15.6466	280.33	0.7057	3.4528	4.3276
2010	1.9558	7.2891	25.284	7.4473	15.6466	275.48	0.7087	3.4528	3.9947
2011	1.9558	7.4390	24.590	7.4506	—	279.37	0.7063	3.4528	4.1206
2012	1.9558	7.5217	25.149	7.4437	—	289.25	0.6973	3.4528	4.1847
2013	1.9558	7.5786	25.980	7.4579	—	296.87	0.7015	3.4528	4.1975
2014	1.9558	7.6344	27.536	7.4548	—	308.71	—	3.4528	4.1843
2015	1.9558	7.6137	27.279	7.4587	—	310.00	—	—	4.1841
2016	1.9558	7.5333	27.034	7.4452	—	311.44	—	—	4.3632
2017	1.9558	7.4637	26.326	7.4386	—	309.19	—	—	4.2570
2018	1.9558	7.4182	25.647	7.4532	—	318.89	—	—	4.2615
2019	1.9558	7.4180	25.670	7.4661	—	325.30	—	—	4.2976
2020	1.9558	7.5384	26.455	7.4542	—	351.25	—	—	4.4430
2021	1.9558	7.5284	25.640	7.4370	—	358.52	—	—	4.5652

Period	EU member countries (cont'd)			Other European and non-European countries					
	Romania	Slovakia	Sweden	Australia	Brazil	Canada	China	Hong Kong	Iceland
	Romanian leu RON	Slovak koruna SKK 1	Swedish krona SEK	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Yuan (renminbi) CNY	Hong Kong dollar HKD	Icelandic krona ISK 2
End of year									
2008	4.0225	30.126	10.8700	2.0274	3.2436	1.6998	9.4956	10.7858	—
2009	4.2363	—	10.2520	1.6008	2.5113	1.5128	9.8350	11.1709	—
2010	4.2620	—	8.9655	1.3136	2.2177	1.3322	8.8220	10.3856	—
2011	4.3233	—	8.9120	1.2723	2.4159	1.3215	8.1588	10.0510	—
2012	4.4445	—	8.5820	1.2712	2.7036	1.3137	8.2207	10.2260	—
2013	4.4710	—	8.8591	1.5423	3.2576	1.4671	8.3491	10.6933	—
2014	4.4828	—	9.3930	1.4829	3.2207	1.4063	7.5358	9.4170	—
2015	4.5240	—	9.1895	1.4897	4.3117	1.5116	7.0608	8.4376	—
2016	4.5390	—	9.5525	1.4596	3.4305	1.4188	7.3202	8.1751	—
2017	4.6585	—	9.8438	1.5346	3.9729	1.5039	7.8044	9.3720	—
2018	4.6635	—	10.2548	1.6220	4.4440	1.5605	7.8751	8.9675	133.20
2019	4.7830	—	10.4468	1.5995	4.5157	1.4598	7.8205	8.7473	135.80
2020	4.8683	—	10.0343	1.5896	6.3735	1.5633	8.0225	9.5142	156.10
2021	4.9490	—	10.2503	1.5615	6.3101	1.4393	7.1947	8.8333	147.60
Annual averages +									
2008	3.6826	31.262	9.6152	1.7416	2.6737	1.5594	10.2236	11.4541	143.83
2009	4.2399	—	10.6191	1.7727	2.7674	1.5850	9.5277	10.8114	—
2010	4.2122	—	9.5373	1.4423	2.3314	1.3651	8.9712	10.2994	—
2011	4.2391	—	9.0298	1.3484	2.3265	1.3761	8.9960	10.8362	—
2012	4.4593	—	8.7041	1.2407	2.5084	1.2842	8.1052	9.9663	—
2013	4.4190	—	8.6515	1.3777	2.8687	1.3684	8.1646	10.3016	—
2014	4.4437	—	9.0985	1.4719	3.1211	1.4661	8.1857	10.3025	—
2015	4.4454	—	9.3535	1.4777	3.7004	1.4186	6.9733	8.6014	—
2016	4.4904	—	9.4689	1.4883	3.8561	1.4659	7.3522	8.5922	—
2017	4.5688	—	9.6351	1.4732	3.6054	1.4647	7.6290	8.8045	—
2018	4.6540	—	10.2583	1.5797	4.3085	1.5294	7.8081	9.2559	127.89
2019	4.7453	—	10.5891	1.6109	4.4134	1.4855	7.7355	8.7715	137.28
2020	4.8383	—	10.4848	1.6549	5.8943	1.5300	7.8747	8.8587	154.59
2021	4.9215	—	10.1465	1.5749	6.3779	1.4826	7.6282	9.1932	150.15

* 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 (Tab. I. 1.). 2 The ECB did not fix euro foreign exchange reference rates for the Icelandic krona from 4 December 2008 to 31 January 2018.

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

3. End-of-year rates and annual averages (cont'd)

EUR 1 = CU ...

Other European and non-European countries (cont'd)									
India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia	Mexico	New Zealand	Norway	
Indian rupee INR 1	Indonesian rupiah IDR	New shekel ILS 2	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN	New Zealand dollar NZD	Norwegian krone NOK	
End of year									
2008	67.4370	15,239.12	5,2919	126.14	1,839.13	4,8048	19.2333	2.4191	9.7500
2009	67.0400	13,626.13	5.4524	133.16	1,666.97	4.9326	18.9223	1.9803	8.3000
2010	59.7580	12,002.14	4.7321	108.65	1,499.06	4.0950	16.5475	1.7200	7.8000
2011	68.7130	11,731.47	4.9453	100.20	1,498.69	4.1055	18.0512	1.6737	7.7540
2012	72.5600	12,713.97	4.9258	113.61	1,406.23	4.0347	17.1845	1.6045	7.3483
2013	85.3660	16,764.78	4.7880	144.72	1,450.93	4.5221	18.0731	1.6762	8.3630
2014	76.7190	15,076.10	4.7200	145.23	1,324.80	4.2473	17.8679	1.5525	9.0420
2015	72.0215	15,039.99	4.2481	131.07	1,280.78	4.6959	18.9145	1.5923	9.6030
2016	71.5935	14,173.43	4.0477	123.40	1,269.36	4.7287	21.7719	1.5158	9.0863
2017	76.6055	16,239.12	4.1635	135.01	1,279.61	4.8536	23.6612	1.6850	9.8403
2018	79.7298	16,500.00	4.2972	125.85	1,277.93	4.7317	22.4921	1.7056	9.9483
2019	80.1870	15,595.60	3.8845	121.94	1,296.28	4.5953	21.2202	1.6653	9.8638
2020	89.6605	17,240.76	3.9447	126.49	1,336.00	4.9340	24.4160	1.6984	10.4703
2021	84.2292	16,100.42	3.5159	130.38	1,346.38	4.7184	23.1438	1.6579	9.9888
Annual averages +									
2008	63.6143	14,165.16	5.2561	152.45	1,606.09	4.8893	16.2911	2.0770	8.2237
2009	67.3611	14,443.74	5.4668	130.34	1,772.90	4.9079	18.7989	2.2121	8.7278
2010	60.5878	12,041.70	4.9457	116.24	1,531.82	4.2668	16.7373	1.8377	8.0043
2011	64.8859	12,206.51	4.9775	110.96	1,541.23	4.2558	17.2877	1.7600	7.7934
2012	68.5973	12,045.73	4.9536	102.49	1,447.69	3.9672	16.9029	1.5867	7.4751
2013	77.9300	13,857.50	4.7948	129.66	1,453.91	4.1855	16.9641	1.6206	7.8067
2014	81.0406	15,748.92	4.7449	140.31	1,398.14	4.3446	17.6550	1.5995	8.3544
2015	71.1956	14,870.39	4.3122	134.31	1,256.54	4.3373	17.6157	1.5930	8.9496
2016	74.3717	14,720.83	4.2489	120.20	1,284.18	4.5835	20.6673	1.5886	9.2906
2017	73.5324	15,118.01	4.0622	126.71	1,276.74	4.8527	21.3286	1.5897	9.3270
2018	80.7332	16,803.22	4.2423	130.40	1,299.07	4.7634	22.7054	1.7065	9.5975
2019	78.8361	15,835.27	3.9901	122.01	1,305.32	4.6374	21.5565	1.6998	9.8511
2020	84.6392	16,627.37	3.9258	121.85	1,345.58	4.7959	24.5194	1.7561	10.7228
2021	87.4392	16,920.72	3.8208	129.88	1,354.06	4.9015	23.9852	1.6724	10.1633

Other European and non-European countries (cont'd)									
Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United Kingdom	United States	
Philippine peso PHP	Russian rouble RUB	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY 3	Pound sterling GBP	US dollar USD	
End of year									
2008	65.930	41.2830	2.0040	13.0667	1.4850	48.285	2.1488	0.95250	1.3917
2009	66.507	43.1540	2.0194	10.6660	1.4836	47.986	2.1547	0.88810	1.4406
2010	58.300	40.8200	1.7136	8.8625	1.2504	40.170	2.0694	0.86075	1.3362
2011	56.754	41.7650	1.6819	10.4830	1.2156	40.991	2.4432	0.83530	1.2939
2012	54.107	40.3295	1.6111	11.1727	1.2072	40.347	2.3551	0.81610	1.3194
2013	61.289	45.3246	1.7414	14.5660	1.2276	45.178	2.9605	0.83370	1.3791
2014	54.436	72.3370	1.6058	14.0353	1.2024	39.910	2.8320	0.77890	1.2141
2015	50.999	80.6736	1.5417	16.9530	1.0835	39.248	3.1765	0.73395	1.0887
2016	52.268	64.3000	1.5234	14.4570	1.0739	37.726	3.7072	0.85618	1.0541
2017	59.795	69.3920	1.6024	14.8054	1.1702	39.121	4.5464	0.88723	1.1993
2018	60.113	79.7153	1.5591	16.4594	1.1269	37.052	6.0588	0.89453	1.1450
2019	56.900	69.9563	1.5111	15.7773	1.0854	33.415	6.6843	0.85080	1.1234
2020	59.125	91.4671	1.6218	18.0219	1.0802	36.727	9.1131	0.89903	1.2271
2021	57.763	85.3004	1.5279	18.0625	1.0331	37.653	15.2335	0.84028	1.1326
Annual averages +									
2008	65.172	36.4207	2.0762	12.0590	1.5874	48.475	1.9064	0.79628	1.4708
2009	66.338	44.1376	2.0241	11.6737	1.5100	47.804	2.1631	0.89094	1.3948
2010	59.739	40.2629	1.8055	9.6984	1.3803	42.014	1.9965	0.85784	1.3257
2011	60.260	40.8846	1.7489	10.0970	1.2326	42.429	2.3378	0.86788	1.3920
2012	54.246	39.9262	1.6055	10.5511	1.2053	39.928	2.3135	0.81087	1.2848
2013	56.428	42.3370	1.6619	12.8330	1.2311	40.830	2.5335	0.84926	1.3281
2014	58.979	50.9518	1.6823	14.4037	1.2146	43.147	2.9065	0.80612	1.3285
2015	50.522	68.0720	1.5255	14.1723	1.0679	38.028	3.0255	0.72584	1.1095
2016	52.556	74.1446	1.5275	16.2645	1.0902	39.043	3.3433	0.81948	1.1069
2017	56.973	65.9383	1.5588	15.0490	1.1117	38.296	4.1206	0.87667	1.1297
2018	62.210	74.0416	1.5926	15.6186	1.1550	38.164	5.7077	0.88471	1.1810
2019	57.985	72.4553	1.5273	16.1757	1.1124	34.757	6.3578	0.87777	1.1195
2020	56.615	82.7248	1.5742	18.7655	1.0705	35.708	8.0547	0.88970	1.1422
2021	58.299	87.1527	1.5891	17.4766	1.0811	37.837	10.5124	0.85960	1.1827

* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. 1 Up to December 2008,

ECB indicative rates. 2 Up to December 2010, ECB indicative rates. 3 Up to end-2008, New Turkish lira.

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

4. Exchange rates of major currencies

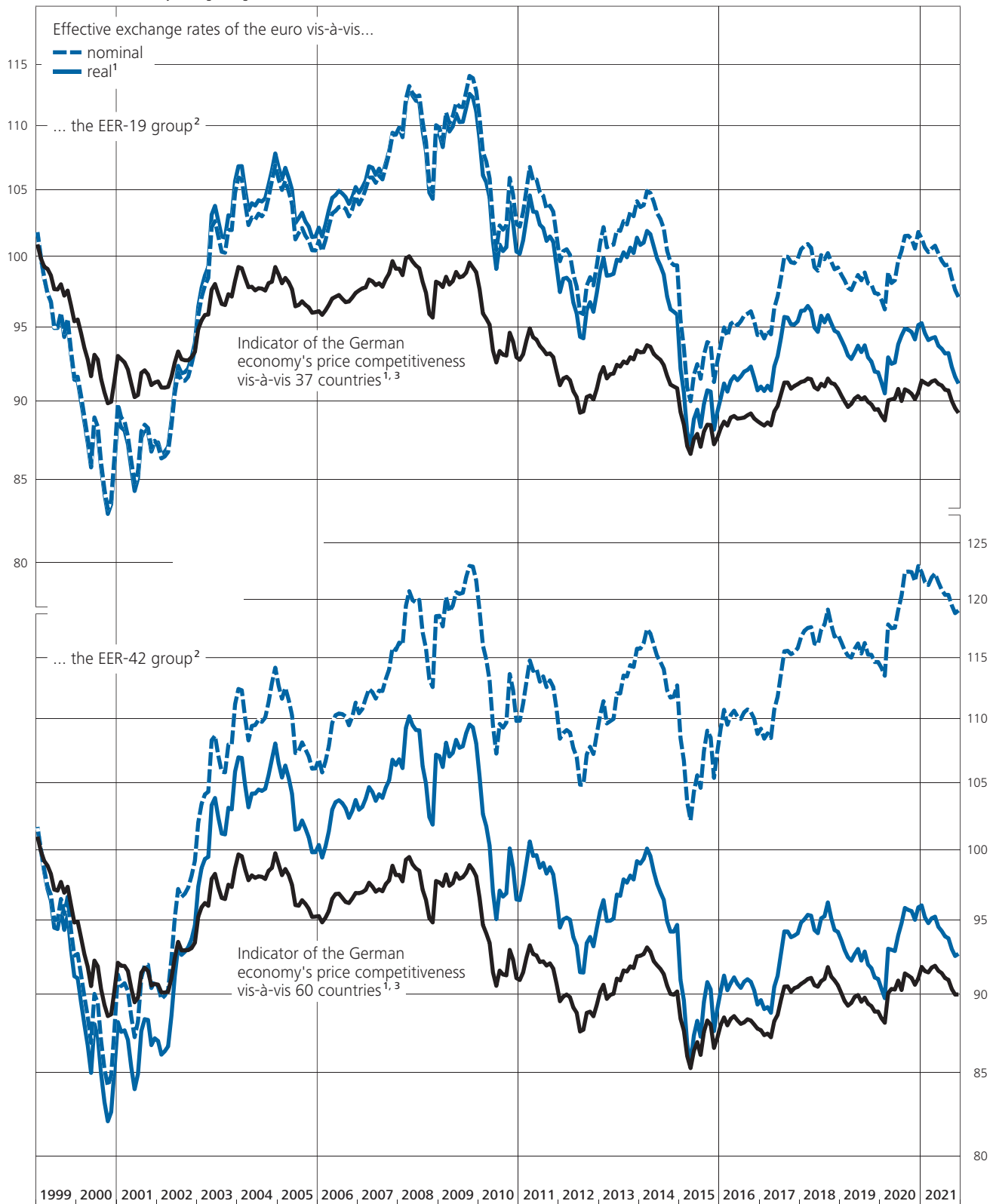


* See explanatory notes, p. 48. ¹ Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB.

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 com-

petitiveness. 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	
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	99.0	106.4	101.5	
2004	104.2	105.2	104.0	102.2	110.9	105.3	
2005	102.8	103.8	102.0	100.6	109.0	102.9	
2006	102.8	103.8	101.5	99.4	109.1	102.2	
2007	106.3	106.8	103.6	101.1	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	86.1	106.1	88.6	
2016	95.2	91.4	88.1	p 87.3	110.1	90.6	
2017	97.4	93.3	89.2	p 87.9	112.4	91.8	
2018	99.9	95.5	90.7	p 89.4	117.3	94.9	
2019	98.1	93.1	88.9	p 87.0	115.4	92.3	
2020	99.6	93.5	p 89.4	p 87.5	119.4	93.8	
2021	99.6	p 93.4	...	...	120.8	p 94.2	
2020 Jan.	96.9	91.2			114.1	90.4	
Feb.	96.2	90.5	88.0	p	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	89.0	p	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	90.1	p	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 90.4	p	121.6	95.0	
Dec.	101.8	95.1			122.9	95.9	
2021 Jan.	101.3	95.3			122.4	96.0	
Feb.	100.6	94.5	p 90.0	p	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 88.9	p	122.3	95.2	
June	100.2	93.7			121.5	94.5	
July	99.7	93.5			120.8	94.2	
Aug.	99.3	93.2	p 88.0	p	120.4	93.9	
Sep.	99.4	93.2			120.4	p 93.7	
Oct.	98.4	p 92.3			119.5	p 93.0	
Nov.	97.6	p 91.6	...	...	118.8	p 92.5	
Dec.	97.1	p 91.2			119.0	p 92.7	
2021 Dec. 15	97.0	—	—	—	119.2	—	
16	97.3	—	—	—	119.7	—	
17	97.3	—	—	—	120.0	—	
20	97.1	—	—	—	119.9	—	
21	97.2	—	—	—	119.1	—	
22	97.2	—	—	—	118.9	—	
23	97.0	—	—	—	118.4	—	
24	97.1	—	—	—	118.5	—	
27	97.1	—	—	—	118.4	—	
28	97.0	—	—	—	118.5	—	
29	96.9	—	—	—	118.5	—	
30	97.0	—	—	—	118.8	—	
31	96.9	—	—	—	118.8	—	
2022 Jan. 3	97.0	—	—	—	118.9	—	
4	96.7	—	—	—	118.5	—	
5	96.7	—	—	—	118.7	—	
6	96.8	—	—	—	118.9	—	
7	96.7	—	—	—	118.7	—	
10	96.7	—	—	—	118.6	—	
11	96.8	—	—	—	118.8	—	
12	96.8	—	—	—	118.8	—	
13	97.1	—	—	—	119.3	—	
14	97.1	—	—	—	119.2	—	

* 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					
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	90.4	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	93.3	86.2	96.4	94.2	99.5	90.1	90.3			
2021	...	...	...	...	p	97.4	p	100.9	p	90.7		
2018 July						97.4	94.1	102.1	91.1	90.9		
Aug.						97.3	94.2	101.5	91.0	91.0		
Sep.	93.0	90.9	96.1	86.8		97.7	94.6	102.2	91.5	91.8		
Oct.						97.3	94.5	101.4	91.2	91.2		
Nov.						97.3	94.7	101.0	91.1	90.9		
Dec.	92.9	91.3	95.3	86.7		97.2	94.5	100.9	90.8	90.6		
2019 Jan.						96.8	94.2	100.4	90.4	90.1		
Feb.						96.5	94.0	99.9	90.0	89.5		
Mar.	92.1	90.7	94.0	85.6		96.2	93.9	99.2	89.6	89.2		
Apr.						96.5	94.3	99.4	89.8	89.4		
May						96.7	94.5	99.6	90.2	89.8		
June	92.1	91.0	93.8	85.6		96.8	94.4	100.2	90.3	89.9		
July						96.7	94.4	99.7	90.1	89.5		
Aug.						96.5	94.3	99.5	90.3	89.8		
Sep.	92.2	91.3	93.5	86.0		96.2	94.4	98.5	89.9	89.4		
Oct.						96.2	94.4	98.5	89.8	89.2		
Nov.						95.9	94.4	97.9	89.4	88.9		
Dec.	92.0	91.3	92.8	85.8		96.0	94.4	97.9	89.5	88.9		
2020 Jan.						95.9	94.5	97.6	89.0	88.4		
Feb.						95.5	94.5	96.6	88.7	88.1		
Mar.	91.6	91.3	91.9	85.4		96.4	94.6	98.8	90.0	90.1		
Apr.						96.2	94.8	98.0	90.1	90.3		
May						96.3	94.8	98.2	90.2	90.3		
June	91.2	91.1	91.2	85.8		97.0	94.8	100.1	90.8	90.9		
July						96.0	93.4	99.6	90.0	90.3		
Aug.						97.0	94.1	101.0	90.8	91.4		
Sep.	92.7	91.3	94.6	86.9		96.9	93.9	101.0	90.7	91.2		
Oct.						96.6	93.8	100.7	90.5	91.1		
Nov.						96.5	93.7	100.4	90.1	90.6		
Dec.	92.9	91.1	95.3	86.7		97.0	93.7	101.8	90.6	91.0		
2021 Jan.						97.9	94.6	102.7	91.3	91.8		
Feb.						97.9	94.9	102.2	91.2	91.5		
Mar.	93.0	91.3	95.3	86.7		97.7	94.9	101.6	91.1	91.4		
Apr.						98.0	95.0	102.1	91.3	91.8		
May						98.1	95.1	102.5	91.4	91.9		
June	92.9	91.1	95.4	86.4		97.9	95.1	101.9	91.1	91.5		
July						97.7	95.2	101.1	91.0	91.4		
Aug.						97.4	95.1	100.6	90.7	91.1		
Sep.	94.0	92.5	96.1	p	87.2		95.0	100.7	90.7	p	90.9	
Oct.						96.7	94.6	99.4	p	90.0	p	90.3
Nov.	...	...	...	...	p	96.2	94.4	98.5	p	89.5	p	90.0
Dec.					p	96.0	94.5	98.0	p	89.2	p	90.0

* 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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Afghanistan							
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 84.6650	AFN 90.6000	AFN 96.1600	AFN 103.5227
		S	USD 1 =	AFN 84.7650	AFN 90.7000	AFN 96.2600	AFN 103.6227
	AFN	B	EUR 1 =	AFN 98.5505	AFN 103.3325	AFN 107.5283	AFN 113.0200
		S	EUR 1 =	AFN 98.8105	AFN 103.5925	AFN 107.7883	AFN 113.2800
Albania							
Tirana 070	Albanian lek = 100 qindarka	M	USD 1 =	ALL 103.55	ALL 105.47	ALL 107.49	ALL 106.54
		M	EUR 1 =	ALL 122.44	ALL 122.84	ALL 121.19	ALL 120.76
	ALL						
Algeria							
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 135.0950	DZD 136.8680	DZD 138.5714	DZD 138.7192
		S	USD 1 =	DZD 135.1100	DZD 136.8830	DZD 138.5864	DZD 138.7342
	DZD	B	EUR 1 =	DZD 159.7263	DZD 159.5197	DZD 157.4448	DZD 157.1550
		S	EUR 1 =	DZD 159.7809	DZD 159.5508	DZD 157.5173	DZD 157.2275
Angola ¹							
Luanda 330	Kwanza = 100 cêntimos	M	USD 1 =	AOA 618.590	AOA 597.000	AOA 565.138	AOA 554.981
		M	EUR 1 =	AOA 731.649	AOA 695.744	AOA 641.233	AOA 629.015
AOA							
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 3.1793	XCD 3.1304	XCD 3.0546	XCD 3.0447
		V, S	EUR 1 =	XCD 3.2133	XCD 3.1638	XCD 3.0872	XCD 3.0772
Argentina ¹							
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 94.9607	ARS 99.5200	ARS 100.7600	ARS 102.5200
		S	USD 1 =	ARS 95.1607	ARS 99.7200	ARS 100.9600	ARS 102.7200
	ARS	B	EUR 1 =	ARS 112.1389	ARS 114.8859	ARS 113.9193	ARS 115.8886
		S	EUR 1 =	ARS 112.6132	ARS 115.3661	ARS 114.3978	ARS 116.3715
Armenia							
Yerevan 077	Armenian dram = 100 luma	M	USD 1 =	AMD 502.79	AMD 477.80	AMD 486.28	AMD 480.14
		M	EUR 1 =	AMD 595.28	AMD 556.73	AMD 552.46	AMD 542.61
AMD							
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 210.44	AWG 207.55	AWG 202.26	AWG 201.81
		S	EUR 100 =	AWG 212.56	AWG 209.64	AWG 204.30	AWG 203.84

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.7514	USD 0.7546	USD 0.7144	USD 0.7256
		M	AUD 1 =	EUR 0.6346	EUR 0.6469	EUR 0.6323	EUR 0.6411
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326
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 2.0116	AZN 1.9847	AZN 1.9204	AZN 1.9265
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 1.17679	BSD 1.15868	BSD 1.13062	BSD 1.12694
		V, S	EUR 1 =	BSD 1.19748	BSD 1.17906	BSD 1.15050	BSD 1.14676
Bahrain							
Manama 640	Bahraini dinar = 1,000 fils BHD	2 M	USD 1 =	BHD 0.376081	BHD 0.376081	BHD 0.376081	BHD 0.376081
		M	EUR 1 =	BHD 0.4436253	BHD 0.4346750	BHD 0.4245390	BHD 0.4268900
Bangladesh ¹							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 85.1309	BDT 85.6667	BDT 85.8000	BDT 85.8000
		S	USD 1 =	BDT 85.1410	BDT 85.6667	BDT 85.8000	BDT 85.8000
		B	EUR 1 =	BDT 100.4158	BDT 99.0200	BDT 96.8768	BDT 97.3658
		S	EUR 1 =	BDT 100.4638	BDT 99.1121	BDT 96.9025	BDT 97.4002
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 2.35384	BBD 2.32666	BBD 2.25219	BBD 2.25150
		S	EUR 1 =	BBD 2.39797	BBD 2.37028	BBD 2.29442	BBD 2.29371
Belarus							
Minsk 073	Belarusian rouble = 100 kopecks BYN	M	USD 1 =	BYN 2.5377	BYN 2.4226	BYN 2.5550	BYN 2.5481
		M	EUR 1 =	BYN 3.0020	BYN 2.8233	BYN 2.8792	BYN 2.8826

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326
Belize							
Belmopan 421	Belize dollar = 100 cents BZD	2 B	USD 1 =	BZD 1.9825	BZD 1.9825	BZD 1.9825	BZD 1.9825
		2 S	USD 1 =	BZD 2.0175	BZD 2.0175	BZD 2.0175	BZD 2.0175
		B	EUR 1 =	BZD 2.3422	BZD 2.3047	BZD 2.2533	BZD 2.2456
		S	EUR 1 =	BZD 2.3835	BZD 2.3453	BZD 2.2931	BZD 2.2852
Benin ¹							
Porto-Novo Seat of government: Cotonou 284	CFA franc XOF	B	USD 1 =	XOF 551.75	XOF 558.75	XOF 576.25	XOF 576.50
		S	USD 1 =	XOF 558.75	XOF 565.75	XOF 583.25	XOF 583.50
		3	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Bermuda							
Hamilton 413	Bermudian dollar = 100 cents BMD	2 B	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
		2 S	USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
		V, B	EUR 1 =	BMD 1.1780	BMD 1.1598	BMD 1.1318	BMD 1.1281
		V, S	EUR 1 =	BMD 1.1878	BMD 1.1695	BMD 1.1412	BMD 1.1375
Bhutan ¹							
Thimphu 675	Ngultrum = 100 chhetrum BTN	B	USD 1 =	BTN 72.73	BTN 73.80	BTN 74.00	BTN 73.30
		S	USD 1 =	BTN 74.98	BTN 76.10	BTN 76.30	BTN 75.60
		B	EUR 1 =	BTN 85.82	BTN 85.50	BTN 83.45	BTN 82.80
		S	EUR 1 =	BTN 88.20	BTN 87.85	BTN 85.75	BTN 85.05
Bolivia, Plurinational State of							
Sucre Seat of government: La Paz 516	Boliviano = 100 centavos BOB	B	USD 1 =	BOB 6.86	BOB 6.86	BOB 6.86	BOB 6.86
		S	USD 1 =	BOB 6.96	BOB 6.96	BOB 6.96	BOB 6.96
		V, B	EUR 1 =	BOB 8.1115	BOB 7.9885	BOB 7.7950	BOB 7.7696
		V, S	EUR 1 =	BOB 8.2297	BOB 8.1049	BOB 7.9086	BOB 7.8829
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga BAM	B	USD 1 =	BAM 1.652476	BAM 1.682860	BAM 1.730171	BAM 1.721317
		S	USD 1 =	BAM 1.660759	BAM 1.691296	BAM 1.738843	BAM 1.729945
		3	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583
Botswana							
Gaborone 391	Pula = 100 thebe BWP	B	BWP 1 =	USD 0.0899	USD 0.0879	USD 0.0852	USD 0.0852
		S	BWP 1 =	USD 0.0897	USD 0.0877	USD 0.0850	USD 0.0850
		B	BWP 1 =	EUR 0.0761	EUR 0.0756	EUR 0.0750	EUR 0.0752
		S	BWP 1 =	EUR 0.0759	EUR 0.0754	EUR 0.0749	EUR 0.0750

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Brazil							
Brasília 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 5.3949	BRL 5.6424	BRL 5.6193	BRL 5.5799
		S	USD 1 =	BRL 5.3956	BRL 5.6430	BRL 5.6199	BRL 5.5805
	BRL	B	EUR 1 =	BRL 6.3727	BRL 6.5164	BRL 6.3256	BRL 6.3187
		S	EUR 1 =	BRL 6.3752	BRL 6.5194	BRL 6.3286	BRL 6.3210
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3349	BND 1.3364	BND 1.3604	BND 1.3426
		S	USD 1 =	BND 1.3524	BND 1.3531	BND 1.3774	BND 1.3592
	BND	B	EUR 1 =	BND 1.5607	BND 1.5456	BND 1.5191	BND 1.5082
		S	EUR 1 =	BND 1.6152	BND 1.5988	BND 1.5732	BND 1.5614
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas	M	USD 1 =	BGN 1.65458	BGN 1.67954	BGN 1.72123	BGN 1.72685
		2	EUR 1 =	BGN 1.95583	BGN 1.95583	BGN 1.95583	BGN 1.95583
	BGN						
Burkina Faso ¹							
Ouagadougou 236	CFA franc	B	USD 1 =	XOF 551.75	XOF 558.75	XOF 576.25	XOF 576.50
		S	USD 1 =	XOF 558.75	XOF 565.75	XOF 583.25	XOF 583.50
	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 1,958.5533	BIF 1,975.7232	BIF 1,980.8019	BIF 1,986.0390
		S	USD 1 =	BIF 1,998.1200	BIF 2,015.6368	BIF 2,020.8181	BIF 2,026.1610
	BIF	B	EUR 1 =	BIF 2,313.7970	BIF 2,304.8787	BIF 2,240.4850	BIF 2,248.7919
		S	EUR 1 =	BIF 2,360.5404	BIF 2,351.4419	BIF 2,285.7474	BIF 2,294.2221
Cabo Verde							
Praia 247	Cabo Verde escudo = 100 centavos	B	USD 1 =	CVE 93.355	CVE 95.012	CVE 97.556	CVE 97.453
		S	USD 1 =	CVE 93.557	CVE 95.214	CVE 97.758	CVE 97.655
	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 4,068	KHR 4,066	KHR 4,069	KHR 4,074
		B	EUR 1 =	KHR 4,804	KHR 4,716	KHR 4,593	KHR 4,614
	KHR	S	EUR 1 =	KHR 4,852	KHR 4,763	KHR 4,639	KHR 4,660
Cameroon ¹							
Yaoundé 302	CFA franc	B	USD 1 =	XAF 552.0688	XAF 559.0278	XAF 576.8265	XAF 576.3251
		S	USD 1 =	XAF 556.8834	XAF 565.1537	XAF 581.7904	XAF 581.0946
	XAF	2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Canada							
Ottawa 404	Canadian dollar = 100 cents	M	USD 1 =	CAD 1.2535	CAD 1.2384	CAD 1.2792	CAD 1.2678
		M	EUR 1 =	CAD 1.4798	CAD 1.4338	CAD 1.4489	CAD 1.4391

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Cayman Islands							
George Town 463	Cayman Islands dollar = 100 cents	2	KYD 1 =	USD 1.20	USD 1.20	USD 1.20	USD 1.20
		V	EUR 1 =	KYD 0.9856	KYD 0.9704	KYD 0.9469	KYD 0.9438
	KYD						
Central African Republic ¹							
Bangui 306	CFA franc	B	USD 1 =	XAF 552.0688	XAF 559.0278	XAF 576.8265	XAF 576.3251
		S	USD 1 =	XAF 556.8834	XAF 565.1537	XAF 581.7904	XAF 581.0946
	XAF	3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chad ¹							
N'Djaména 244	CFA franc	B	USD 1 =	XAF 552.0688	XAF 559.0278	XAF 576.8265	XAF 576.3251
		S	USD 1 =	XAF 556.8834	XAF 565.1537	XAF 581.7904	XAF 581.0946
	XAF	3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chile							
Santiago 512	Chilean peso = 100 centavos	M	USD 1 =	CLP 759.27	CLP 805.47	CLP 836.73	CLP 850.25
		M	EUR 1 =	CLP 897.37	CLP 940.97	CLP 942.69	CLP 964.44
	CLP						
China							
Beijing 720	Chinese renminbi ⁴ 1 yuan (renminbi) = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.4515	CNY 6.3907	CNY 6.3794	CNY 6.3757
		M	EUR 1 =	CNY 7.6186	CNY 7.4643	CNY 7.2063	CNY 7.2197
		M	HKD 1 =	CNY 0.82956	CNY 0.82164	CNY 0.81792	CNY 0.81760
China (Taiwan)							
Taipei 736	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 27.948	TWD 27.760	TWD 27.750	TWD 27.630
		S	USD 1 =	TWD 28.048	TWD 27.860	TWD 27.850	TWD 27.730
		B	EUR 1 =	TWD 32.91	TWD 32.26	TWD 31.30	TWD 31.12
		S	EUR 1 =	TWD 33.31	TWD 32.66	TWD 31.70	TWD 31.52
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	M	USD 1 =	COP 3,745.89	COP 3,766.10	COP 4,010.98	COP 3,981.16
		V, M	EUR 1 =	COP 4,427.750	COP 4,385.623	COP 4,557.677	COP 4,509.062
Comoros							
Moroni 375	Comorian franc = 100 centimes KMF	V	USD 1 =	KMF 415.97003	KMF 422.47123	KMF 432.95587	KMF 434.37025
		3	EUR 1 =	KMF 491.96775	KMF 491.96775	KMF 491.96775	KMF 491.96775
Congo ¹							
Brazzaville 318	CFA franc	B	USD 1 =	XAF 552.0688	XAF 559.0278	XAF 576.8265	XAF 576.3251
		S	USD 1 =	XAF 556.8834	XAF 565.1537	XAF 581.7904	XAF 581.0946
	XAF	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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B S	USD 1 = USD 1 =	CDF 1,949.9472 CDF 2,029.5369	CDF 1,959.7038 ² CDF 2,039.6917 ²	CDF 1,959.8246 CDF 2,039.8174	CDF 1,959.9751 CDF 2,039.9741
	CDF	B S	EUR 1 = EUR 1 =	CDF 2,291.5890 CDF 2,385.1233	CDF 2,282.9036 ² CDF 2,376.0834 ²	CDF 2,218.0889 CDF 2,308.6232	CDF 2,217.1829 CDF 2,307.6802
Cook Islands ¹							
Avarua 837	Cook Islands dollar ³ = 100 cents	B S	NZD 1 = NZD 1 =	EUR 0.6094 EUR 0.5865	EUR 0.6274 EUR 0.6037	EUR 0.6159 EUR 0.5927	EUR 0.6147 EUR 0.5913
	NZD						
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B S	USD 1 = USD 1 =	CRC 619.28 CRC 625.65	CRC 634.69 CRC 641.84	CRC 626.56 CRC 632.20	CRC 639.06 CRC 645.25
	CRC	V, B V, S	EUR 1 = EUR 1 =	CRC 731.5009 CRC 739.0335	CRC 739.0965 CRC 747.4227	CRC 711.9601 CRC 718.3689	CRC 723.7994 CRC 730.8102
Côte d'Ivoire ¹							
Yamoussoukro Seat of government: Abidjan 272	CFA franc	B S	USD 1 = USD 1 =	XOF 551.75 XOF 558.75	XOF 558.75 XOF 565.75	XOF 576.25 XOF 583.25	XOF 576.50 XOF 583.50
	XOF	⁴	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Croatia							
Zagreb 092	Kuna = 100 lipa	B S	USD 1 = USD 1 =	HRK 6.346188 HRK 6.384379	HRK 6.463355 HRK 6.502251	HRK 6.643243 HRK 6.683223	HRK 6.623617 HRK 6.663479
	HRK	B S	EUR 1 = EUR 1 =	HRK 7.501896 HRK 7.547043	HRK 7.491028 HRK 7.536110	HRK 7.496236 HRK 7.541348	HRK 7.494622 HRK 7.539726
Cuba ¹							
Havana 448	Cuban peso = 100 centavos	⁵ B ⁵ S	USD 1 = USD 1 =	CUP 23.76 CUP 24.24	CUP 23.76 CUP 24.24	CUP 23.76 CUP 24.24	CUP 23.76 CUP 24.24
	CUP	B S	EUR 1 = EUR 1 =	CUP 28.08531 CUP 28.65269	CUP 27.75406 CUP 28.31474	CUP 26.88206 CUP 27.42514	CUP 26.88682 CUP 27.42998
Curaçao							
Willemstad 477	Netherlands Antillean guilder = 100 cents	⁵ B ⁵ S	USD 1 = USD 1 =	ANG 1.78 ANG 1.82	ANG 1.78 ANG 1.82	ANG 1.78 ANG 1.82	ANG 1.78 ANG 1.82
	ANG	B S	EUR 100 = EUR 100 =	ANG 210.45 ANG 214.69	ANG 207.56 ANG 211.75	ANG 202.27 ANG 206.35	ANG 201.81 ANG 205.88
Cyprus							
Nicosia 600	Euro = 100 cent	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326
	EUR						
Czechia							
Prague 061	Czech koruna = 100 heller	M	USD 1 =	CZK 21.682	CZK 22.065	CZK 22.465	CZK 21.951
	CZK	M	EUR 1 =	CZK 25.648	CZK 25.695	CZK 25.525	CZK 24.860

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 629.18	DKK 638.81	DKK 654.48	DKK 656.12
		M	EUR 100 =	DKK 743.68	DKK 743.89	DKK 743.68	DKK 743.65
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 .	DJF 201.77	DJF 198.23	DJF .
		S	EUR 1 =	DJF .	DJF 211.74	DJF 205.97	DJF .
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 3.1793	XCD 3.1304	XCD 3.0546	XCD 3.0447
		V, S	EUR 1 =	XCD 3.2133	XCD 3.1638	XCD 3.0872	XCD 3.0772
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 56.4066	DOP 55.8734	DOP 55.9691	DOP 56.2416
		S	USD 1 =	DOP 57.5248	DOP 56.9999	DOP 57.1245	DOP 57.4382
		B	EUR 1 =	DOP 65.9005	DOP 64.1670	DOP 62.6594	DOP 63.0711
		S	EUR 1 =	DOP 69.5595	DOP 67.7988	DOP 66.2420	DOP 66.6263
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 15.63	EGP 15.64	EGP 15.64	EGP 15.64
		S	USD 1 =	EGP 15.73	EGP 15.74	EGP 15.74	EGP 15.74
		B	EUR 1 =	EGP 18.4380	EGP 18.0423	EGP 17.6497	EGP 17.6732
		S	EUR 1 =	EGP 18.6426	EGP 18.3985	EGP 17.8995	EGP 17.8791
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 10.3486	SVC 10.1894	SVC 9.9426	SVC 9.9103
Equatorial Guinea ¹							
Malabo 310	CFA franc XAF	B	USD 1 =	XAF 552.0688	XAF 559.0278	XAF 576.8265	XAF 576.3251
		S	USD 1 =	XAF 556.8834	XAF 565.1537	XAF 581.7904	XAF 581.0946
		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 17.7440	ERN 17.4105	ERN 16.9395	ERN 16.9890
		S	EUR 1 =	ERN 18.3802	ERN 18.0467	ERN 17.5757	ERN 17.6252
Estonia							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Eswatini ¹							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 14.9300	SZL 15.1980	SZL 16.1915	SZL 15.9719
		S	USD 1 =	SZL 14.9386	SZL 15.2045	SZL 16.2037	SZL 15.9839
	SZL	B	EUR 1 =	SZL 17.6211	SZL 17.7278	SZL 18.3308	SZL 18.0722
		S	EUR 1 =	SZL 17.6331	SZL 17.7355	SZL 18.3480	SZL 18.0874
Ethiopia							
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 44.1351	ETB 47.2184	ETB 47.8791	ETB 49.1936
		S	USD 1 =	ETB 45.0178	ETB 48.1628	ETB 48.8367	ETB 50.1775
	ETB	B	EUR 1 =	ETB 52.0705	ETB 54.7922	ETB 54.0603	ETB 55.6724
		S	EUR 1 =	ETB 53.1119	ETB 55.8880	ETB 55.1415	ETB 56.7858
Falkland Islands (Islas Malvinas)							
Stanley 529	Falkland Islands pound ² = 100 pence	V	USD 1 =	FKP 0.72681	FKP 0.72555	FKP 0.74956	FKP 0.74190
	FKP	V	EUR 1 =	FKP 0.85960	FKP 0.84490	FKP 0.85173	FKP 0.84028
Fiji							
Suva 815	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4911	USD 0.4930	USD 0.4788	USD 0.4807
		S	FJD 1 =	USD 0.4741	USD 0.4760	USD 0.4618	USD 0.4637
	FJD	B	FJD 1 =	EUR 0.4137	EUR 0.4202	EUR 0.4210	EUR 0.4226
		S	FJD 1 =	EUR 0.4017	EUR 0.4082	EUR 0.4090	EUR 0.4106
Finland							
Helsinki 032	Euro = 100 cent	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326
	EUR						
France							
Paris 001	Euro = 100 cent	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326
	EUR						
Gabon ¹							
Libreville 314	CFA franc	B	USD 1 =	XAF 552.0688	XAF 559.0278	XAF 576.8265	XAF 576.3251
		S	USD 1 =	XAF 556.8834	XAF 565.1537	XAF 581.7904	XAF 581.0946
	XAF	3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Gambia							
Banjul 252	Dalasi = 100 bututs	M	USD 1 =	GMD 51.51	GMD 51.96	GMD 52.36	GMD 52.74
		M	EUR 1 =	GMD 60.85	GMD 60.66	GMD 59.42	GMD 60.34
Georgia							
Tbilisi 076	Lari = 100 tetri	M	USD 1 =	GEL 3.2239	GEL 3.1601	GEL 3.0867	GEL 3.0976
		M	EUR 1 =	GEL 3.8152	GEL 3.6828	GEL 3.4849	GEL 3.5040
	GEL						

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas GHS	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	GHS 5.8147 GHS 5.8206 GHS 6.8619 GHS 6.8688	GHS 5.8979 GHS 5.9039 GHS 6.8197 GHS 6.8264	GHS 5.9142 GHS 5.9202 GHS 6.7310 GHS 6.7382	GHS 6.0031 GHS 6.0091 GHS 6.8247 GHS 6.8315
Gibraltar							
Gibraltar 044	Gibraltar pound ² = 100 pence GIP	V V	USD 1 = EUR 1 =	GIP 0.72681 GIP 0.85960	GIP 0.72555 GIP 0.84490	GIP 0.74956 GIP 0.85173	GIP 0.74190 GIP 0.84028
Greece							
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326
Grenada							
St George's 473	East Caribbean dollar = 100 cents XCD	³ B ³ S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	XCD 2.6882 XCD 2.7169 XCD 3.1793 XCD 3.2133	XCD 2.6882 XCD 2.7169 XCD 3.1304 XCD 3.1638	XCD 2.6882 XCD 2.7169 XCD 3.0546 XCD 3.0872	XCD 2.6882 XCD 2.7169 XCD 3.0447 XCD 3.0772
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ	M V, M	USD 1 = EUR 1 =	GTQ 7.73242 GTQ 9.13640	GTQ 7.73464 GTQ 9.00699	GTQ 7.73058 GTQ 8.78426	GTQ 7.71912 GTQ 8.74268
Guinea							
Conakry 260	Guinean franc GNF	M M	USD 1 = EUR 1 =	GNF 9,723.6035 GNF 11,495.2927	GNF 9,563.0654 GNF 11,086.4594	GNF 9,327.9514 GNF 10,518.2029	GNF 9,142.0690 GNF 10,339.6854
Guinea-Bissau ¹							
Bissau 257	CFA franc XOF	B S 4	USD 1 = USD 1 = EUR 1 =	XOF 551.75 XOF 558.75 XOF 655.957	XOF 558.75 XOF 565.75 XOF 655.957	XOF 576.25 XOF 583.25 XOF 655.957	XOF 576.50 XOF 583.50 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 245.64 GYD 248.77	GYD 207.98 GYD 210.45 GYD 242.13 GYD 245.22	GYD 207.98 GYD 210.45 GYD 236.08 GYD 239.10	GYD 207.98 GYD 210.45 GYD 235.58 GYD 238.59

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 89.8776	HTG 97.9312	HTG 98.5720	HTG 99.8698
		V, M	EUR 1 =	HTG 106.0149	HTG 114.0409	HTG 112.0074	HTG 113.1125
Honduras							
Tegucigalpa 424	Lempira = 100 centavos	B	USD 1 =	HNL 24.0308	HNL 24.1042	HNL 24.1235	HNL 24.3454
		S	USD 1 =	HNL 24.1990	HNL 24.2729	HNL 24.2924	HNL 24.5158
	HNL	V, B	EUR 1 =	HNL 28.3919	HNL 28.0693	HNL 27.4115	HNL 27.5736
		V, S	EUR 1 =	HNL 28.5906	HNL 28.2658	HNL 27.6035	HNL 27.7666
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents	B	USD 1 =	HKD 7.74263	HKD 7.74440	HKD 7.76980	HKD 7.76730
		S	USD 1 =	HKD 7.80440	HKD 7.80610	HKD 7.83150	HKD 7.82910
	HKD	B	EUR 1 =	HKD 9.11766	HKD 8.99820	HKD 8.76060	HKD 8.76040
		S	EUR 1 =	HKD 9.26113	HKD 9.14130	HKD 8.90370	HKD 8.90340
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 303.29	HUF 309.67	HUF 322.80	HUF 325.71
		M	EUR 1 =	HUF 358.85	HUF 360.80	HUF 366.83	HUF 369.00
Iceland							
Reykjavik 024	Icelandic krona ISK	M	USD 1 =	ISK 126.865	ISK 128.67	ISK 129.37	ISK 130.38
		M	EUR 1 =	ISK 149.360	ISK 149.80	ISK 147.00	ISK 147.60
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	M	USD 1 =	INR 73.9236	INR 74.7858	INR 75.0885	INR 74.3025
		M	EUR 1 =	INR 87.2595	INR 87.2616	INR 84.9366	INR 84.0450
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen	B	USD 1 =	IDR 14,244.17	IDR 14,128.01	IDR 14,268.30	IDR 14,197.66
		S	USD 1 =	IDR 14,387.33	IDR 14,270.00	IDR 14,411.70	IDR 14,340.35
	IDR	B	EUR 1 =	IDR 16,855.79	IDR 16,374.36	IDR 16,090.36	IDR 16,044.78
		S	EUR 1 =	IDR 17,029.16	IDR 16,544.64	IDR 16,256.40	IDR 16,208.90
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 49,539	IRR 48,519	IRR 47,298	IRR 47,613
		³ M	USD 1 =	IRR 264,425	IRR 275,000	IRR 291,500	IRR 299,700
		³ M	EUR 1 =	IRR 311,408	IRR 317,900	IRR 329,450	IRR 340,600

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 2021	Rate at end of month			
					October 2021	November 2021	December 2021	
Iraq ¹								
Baghdad 612	Iraqi dinar = 1,000 fils	2 B	USD 1 =	IQD 1,450.00	IQD 1,450.00	IQD 1,450.00	IQD 1,450.00	
		2 S	USD 1 =	IQD 1,460.00	IQD 1,460.00	IQD 1,460.00	IQD 1,460.00	
		B	EUR 1 =	IQD 1,716.752	IQD 1,688.525	IQD 1,647.635	IQD 1,641.835	
		S	EUR 1 =	IQD 1,728.592	IQD 1,700.170	IQD 1,658.998	IQD 1,653.158	
	3 S	USD 1 =	IQD 1,472.492	IQD 1,480.697	IQD 1,478.134	IQD 1,475.505		
	IQD	V, S	EUR 1 =	IQD 1,739.80	IQD 1,724.27	IQD 1,679.60	IQD 1,671.16	
Ireland								
Dublin 007	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326	
Israel								
Jerusalem 624	New shekel = 100 agorot ILS	M	USD 1 =	ILS 3.2293	ILS 3.1580	ILS 3.1620	ILS 3.1100	
		M	EUR 1 =	ILS 3.8217	ILS 3.6858	ILS 3.5899	ILS 3.5199	
Italy								
Rome 005	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326	
Jamaica								
Kingston 464	Jamaican dollar = 100 cents	B	USD 1 =	JMD 150.6347	JMD 152.8080	JMD 154.7048	JMD 153.0648	
		S	USD 1 =	JMD 151.7728	JMD 154.6531	JMD 156.4674	JMD 154.9967	
	JMD	B	EUR 1 =	JMD 173.5355	JMD 173.7695	JMD 169.8316	JMD 166.5875	
		S	EUR 1 =	JMD 181.5006	JMD 183.3714	JMD 179.2410	JMD 176.3261	
Japan								
Tokyo 732	Japanese yen = 100 sen	B	USD 1 =	JPY 108.90	JPY 112.67	JPY 112.77	JPY 114.02	
		S	USD 1 =	JPY 110.90	JPY 114.67	JPY 114.77	JPY 116.02	
	JPY	B	EUR 1 =	JPY 128.84	JPY 131.27	JPY 126.91	JPY 129.01	
		S	EUR 1 =	JPY 131.84	JPY 134.27	JPY 129.91	JPY 132.01	
Jordan								
Amman 628	Jordanian dinar = 1,000 fils	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	
	JOD	B	EUR 1 =	JOD 0.83394	JOD 0.81668	JOD 0.79884	JOD 0.79990	
		S	EUR 1 =	JOD 0.84081	JOD 0.82999	JOD 0.80741	JOD 0.80649	
Kazakhstan								
Nur-Sultan 079	Tenge = 100 tiyn KZT	M	USD 1 =	KZT 426.17	KZT 427.11	KZT 433.74	KZT 431.67	
		M	EUR 1 =	KZT 503.87	KZT 497.50	KZT 489.52	KZT 487.79	

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Kenya ¹							
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 109.7793	KES 111.1147	KES 112.3882	KES 113.0412
		S	USD 1 =	KES 109.9793	KES 111.3147	KES 112.5882	KES 113.2412
	KES	B	EUR 1 =	KES 129.5884	KES 128.9465	KES 126.8306	KES 127.8653
		S	EUR 1 =	KES 129.8556	KES 129.2141	KES 127.0941	KES 128.1212
Korea, Democratic People’s Republic of ¹							
Pyongyang 724	North Korean won = 100 chon	B	USD 1 =	.	.	.	.
		S	USD 1 =	.	.	.	.
	KPW	B	EUR 1 =	.	.	.	.
		S	EUR 1 =	.	.	.	.
Korea, Republic of							
Seoul 728	South Korean won = 100 chon	B	USD 1 =	KRW 1,134.40	KRW 1,162.50	KRW 1,178.40	KRW 1,178.90
		S	USD 1 =	KRW 1,156.75	KRW 1,185.50	KRW 1,201.60	KRW 1,202.10
	KRW	B	EUR 1 =	KRW 1,340.63	KRW 1,343.93	KRW 1,338.56	KRW 1,334.76
		S	EUR 1 =	KRW 1,367.70	KRW 1,371.07	KRW 1,365.60	KRW 1,361.72
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.30033	KWD 0.30035	KWD 0.30130	KWD 0.30120
		S	USD 1 =	KWD 0.30393	KWD 0.30395	KWD 0.30490	KWD 0.30480
	KWD	B	EUR 1 =	KWD 0.354874	KWD 0.349187	KWD 0.342458	KWD 0.342464
		S	EUR 1 =	KWD 0.359128	KWD 0.353372	KWD 0.346549	KWD 0.346558
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tyjyn	M	USD 1 =	KGS 84.6925	KGS 84.8000	KGS 84.8000	KGS 84.7586
	KGS	M	EUR 1 =	KGS 100.1818	KGS 98.8174	KGS 95.6332	KGS 95.7857
Lao People’s Democratic Republic							
Vientiane 684	Kip	B	USD 1 =	LAK 9,812	LAK 10,308	LAK 10,837	LAK 11,163
		S	USD 1 =	LAK 9,831	LAK 10,328	LAK 10,857	LAK 11,184
	LAK	B	EUR 1 =	LAK 11,579	LAK 12,025	LAK 12,224	LAK 12,650
		S	EUR 1 =	LAK 11,644	LAK 12,113	LAK 12,313	LAK 12,743
Latvia							
Riga 054	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326
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 1,784.25	LBP 1,756.54	LBP 1,712.52	LBP 1,701.52
		3 M	USD 1 =	LBP 17,817.00 ⁴	LBP 17,500.00	LBP 20,600.00	LBP 22,700.00
	LBP	V, M	EUR 1 =	LBP 20,625.24 ⁴	LBP 20,378.75	LBP 23,407.78	LBP 25,710.02

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. ⁴ Average from July to December 2021.

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Lesotho ¹							
Maseru 395	Loti = 100 lisente LSL	M	USD 1 =	LSL 14.9194	LSL 15.2400	LSL 16.0493	LSL 15.9164
		M	EUR 1 =	LSL 17.6004	LSL 17.7211	LSL 18.2248	LSL 17.9903
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents	B	USD 1 =	LRD 164.6458	LRD 150.0089	LRD 141.3021	LRD 144.4504
		S	USD 1 =	LRD 166.1336	LRD 151.5758	LRD 142.9569	LRD 146.2748
	LRD	V, B	EUR 1 =	LRD 194.7908	LRD 174.6854	LRD 160.5616	LRD 163.6045
		V, S	EUR 1 =	LRD 196.5456	LRD 176.5100	LRD 162.4419	LRD 165.6708
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham	B	USD 1 =	LYD 4.5088	LYD 4.5484	LYD 4.5848	LYD 4.5846
		S	USD 1 =	LYD 4.5314	LYD 4.5712	LYD 4.6077	LYD 4.6076
	LYD	B	EUR 1 =	LYD 5.3197	LYD 5.2571	LYD 5.1858	LYD 5.1898
S		EUR 1 =	LYD 5.3464	LYD 5.2834	LYD 5.2118	LYD 5.2158	
Lithuania							
Vilnius 055	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326
Luxembourg							
Luxembourg 018	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326
Macao ¹							
Macao 743	Pataca = 100 avos	B	USD 1 =	MOP 8.0001	MOP 8.0011	MOP 8.0263	MOP 8.0241
		S	USD 1 =	MOP 8.0263	MOP 8.0273	MOP 8.0525	MOP 8.0503
	MOP	B	EUR 1 =	MOP 9.4482	MOP 9.3176	MOP 9.0738	MOP 9.0818
		S	EUR 1 =	MOP 9.4897	MOP 9.3591	MOP 9.1153	MOP 9.1233
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 3,837.78	MGA 3,956.92	MGA 3,966.11	MGA 3,956.66
		M	EUR 1 =	MGA 4,529.18	MGA 4,591.63	MGA 4,492.86	MGA 4,470.10
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala	B	USD 1 =	MWK 793.6108	MWK 807.5060	MWK 808.3178	MWK 808.3178
		S	USD 1 =	MWK 809.3864	MWK 823.4898	MWK 824.4826	MWK 824.4826
	MWK	B	EUR 1 =	MWK 937.3776	MWK 942.2788	MWK 914.4500	MWK 915.0966
		S	EUR 1 =	MWK 956.0102	MWK 960.9302	MWK 932.7371	MWK 933.3967
Malaysia							
Kuala Lumpur Seat of government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 4.0772	MYR 4.0765	MYR 4.1680	MYR 4.1055
		S	USD 1 =	MYR 4.2153	MYR 4.2125	MYR 4.3070	MYR 4.2425
	MYR	B	EUR 1 =	MYR 4.8162	MYR 4.7529	MYR 4.6950	MYR 4.6405
		S	EUR 1 =	MYR 4.9977	MYR 4.9311	MYR 4.8710	MYR 4.8145

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Maldives							
Malé 667	Rufiyaa	M	USD 1 =	MVR 15.38	MVR 15.41	MVR 15.41	MVR 15.39
	= 100 laari						
	MVR	V, M	EUR 1 =	MVR 18.16588	MVR 17.94495	MVR 17.51038	MVR 17.43071
Mali ¹							
Bamako 232	CFA franc	B	USD 1 =	XOF 551.75	XOF 558.75	XOF 576.25	XOF 576.50
		S	USD 1 =	XOF 558.75	XOF 565.75	XOF 583.25	XOF 583.50
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Malta							
Valletta 046	Euro	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326
	= 100 cent						
	EUR						
Mauritania							
Nouakchott 228	Ouguiya	B	USD 1 =	MRU 35.97	MRU 36.00	MRU 36.08	MRU 36.13
		S	USD 1 =	MRU 36.33	MRU 36.36	MRU 36.44	MRU 36.49
	MRU	B	EUR 1 =	MRU 42.51	MRU 41.78	MRU 41.01	MRU 40.89
		S	EUR 1 =	MRU 42.94	MRU 42.19	MRU 41.42	MRU 41.30
Mauritius							
Port Louis 373	Mauritian rupee	B	USD 1 =	MUR 41.2469	MUR 42.3512	MUR 42.7064	MUR 42.9754
	= 100 cents	S	USD 1 =	MUR 42.1464	MUR 43.2507	MUR 43.6064	MUR 43.8750
	MUR	B	EUR 1 =	MUR 48.5562	MUR 49.2840	MUR 48.0969	MUR 48.4686
		S	EUR 1 =	MUR 49.8831	MUR 50.6199	MUR 49.4087	MUR 49.7827
Mexico							
Mexico City 412	Mexican peso	M	USD 1 =	MXN 20.30618	MXN 20.60575	MXN 21.4681	MXN 20.5075
	= 100 centavos						
	MXN	V, M	EUR 1 =	MXN 24.12793	MXN 23.99540	MXN 24.3942	MXN 23.2268
Moldova, Republic of							
Chisinau 074	Moldovan leu	M	USD 1 =	MDL 17.67450	MDL 17.51640	MDL 17.7314	MDL 17.7452
	= 100 bani						
	MDL	M	EUR 1 =	MDL 20.89660	MDL 20.32870	MDL 20.0224	MDL 20.0938
Mongolia							
Ulan Bator 716	Togrog	M	USD 1 =	MNT 2,849.38	MNT 2,848.85	MNT 2,849.21	MNT 2,849.34
	= 100 mongo						
	MNT	M	EUR 1 =	MNT 3,367.11	MNT 3,324.89	MNT 3,229.86	MNT 3,221.18
Morocco							
Rabat 204	Moroccan dirham	M	USD 1 =	MAD 8.9920	MAD 9.0452	MAD 9.2213	MAD 9.2804
	= 100 centimes						
	MAD	M	EUR 1 =	MAD 10.6331	MAD 10.5377	MAD 10.4754	MAD 10.5165

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Mozambique							
Maputo 366	Metical = 100 centavos	B	USD 1 =	MZN 64.55	MZN 63.20	MZN 63.20	MZN 63.20
		S	USD 1 =	MZN 65.84	MZN 64.46	MZN 64.46	
	MZN	B	EUR 1 =	MZN 76.28	MZN 73.46	MZN 71.74	MZN 71.61
		S	EUR 1 =	MZN 77.80	MZN 74.93	MZN 73.18	MZN 73.03
Myanmar							
Nay Pyi Taw 676	Kyat = 100 pyas	M	USD 1 =	MMK 1,630.93	MMK 1,771.00	MMK 1,785.00	MMK 1,778.00
	MMK	M	EUR 1 =	MMK 1,924.25	MMK 2,062.70	MMK 2,026.00	MMK 2,010.30
Namibia ¹							
Windhoek 389	Namibia dollar = 100 cents	M	USD 1 =	NAD 14.9336	NAD 15.1388	NAD 16.1933	NAD 15.9064
	NAD	M	EUR 1 =	NAD 17.6294	NAD 17.6705	NAD 18.3148	NAD 17.9916
Nepal							
Kathmandu 672	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 117.93	NPR 119.51	NPR 119.86	NPR 118.76
		S	USD 1 =	NPR 118.53	NPR 120.11	NPR 120.46	NPR 119.36
	NPR	B	EUR 1 =	NPR 139.30	NPR 139.25	NPR 135.25	NPR 134.25
		S	EUR 1 =	NPR 140.01	NPR 139.95	NPR 135.93	NPR 134.92
Netherlands							
Amsterdam Seat of government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326
New Caledonia ¹							
Nouméa 809	CFP franc	V	XPF 1,000 =	USD 9.91	USD 9.76	USD 9.52	USD 9.49
	XPF	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 0.7300	USD 0.7325	USD 0.6960	USD 0.6954
		S	NZD 1 =	USD 0.7026	USD 0.7049	USD 0.6698	USD 0.6690
	NZD	B	NZD 1 =	EUR 0.6094	EUR 0.6274	EUR 0.6159	EUR 0.6147
		S	NZD 1 =	EUR 0.5865	EUR 0.6037	EUR 0.5927	EUR 0.5913
Nicaragua							
Managua 432	Córdoba = 100 centavos	M	USD 1 =	NIO 35.1991	NIO 35.4036	NIO 35.4613	NIO 35.5210
	NIO	V, M	EUR 1 =	NIO 41.58493	NIO 41.22749	NIO 40.29468	NIO 40.23108

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Niger ¹							
Niamey 240	CFA franc	B	USD 1 =	XOF 551.75	XOF 558.75	XOF 576.25	XOF 576.50
		S	USD 1 =	XOF 558.75	XOF 565.75	XOF 583.25	XOF 583.50
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Nigeria ¹							
Abuja 288	Naira = 100 kobo	B	USD 1 =	NGN 398.20	NGN 410.09	NGN 409.66	NGN 412.49
		S	USD 1 =	NGN 399.28	NGN 411.09	NGN 411.66	NGN 413.49
	NGN	B	EUR 1 =	NGN 470.0003	NGN 477.4678	NGN 465.0051	NGN 446.9387
		S	EUR 1 =	NGN 472.1110	NGN 478.6321	NGN 467.2753	NGN 468.0707
North Macedonia							
Skopje 096	North Macedonia denar = 100 deni	B	USD 1 =	MKD 51.8785	MKD 52.9514	MKD 54.4738	MKD 54.1017
		S	USD 1 =	MKD 52.3999	MKD 53.4836	MKD 55.0212	MKD 54.6455
	MKD	B	EUR 1 =	MKD 61.3252	MKD 61.3865	MKD 61.3865	MKD 61.3189
		S	EUR 1 =	MKD 61.9416	MKD 62.0035	MKD 62.0035	MKD 61.9351
Norway							
Oslo 028	Norwegian krone = 100 øre	B	USD 1 =	NOK 8.5681	NOK 8.3344	NOK 9.0189	NOK 8.7983
		S	USD 1 =	NOK 8.6441	NOK 8.4104	NOK 9.0949	NOK 8.8743
	NOK	B	EUR 1 =	NOK 10.1309	NOK 9.7225	NOK 10.2191	NOK 9.9463
		S	EUR 1 =	NOK 10.2159	NOK 9.8075	NOK 10.3041	NOK 10.0313
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 0.4530272	OMR 0.4435968	OMR 0.4337664	OMR 0.4341504
		S	EUR 1 =	OMR 0.4543257	OMR 0.4452140	OMR 0.4349345	OMR 0.4353195
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa	B	USD 1 =	PKR .	PKR 172.25	PKR 176.15	PKR .
		S	USD 1 =	PKR .	PKR 172.75	PKR 176.65	PKR .
	PKR	B	EUR 1 =	PKR .	PKR 201.49	PKR 199.38	PKR .
		S	EUR 1 =	PKR .	PKR 202.07	PKR 199.95	PKR .
Panama ¹							
Panama City 442	Balboa = 100 centésimos	4	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
	PAB	V	EUR 1 =	PAB 1.1827	PAB 1.1645	PAB 1.1363	PAB 1.1326
Papua New Guinea							
Port Moresby 801	Kina = 100 toea	B	PGK 1 =	USD 0.2925	USD 0.2925	USD 0.2925	USD 0.2925
		S	PGK 1 =	USD 0.2775	USD 0.2775	USD 0.2775	USD 0.2775
	PGK	B	EUR 1 =	EUR 0.2418	EUR 0.2445	EUR 0.2529	EUR 0.2522
		S	EUR 1 =	EUR 0.2268	EUR 0.2295	EUR 0.2379	EUR 0.2372

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Paraguay							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 6,763.04	PYG 6,900.68	PYG 6,831.18	PYG 6,870.81
		S	USD 1 =	PYG 6,781.64	PYG 6,908.28	PYG 6,831.65	PYG 6,887.40
	PYG	V, B	EUR 1 =	PYG 7,993.68	PYG 8,035.84	PYG 7,762.27	PYG 7,787.38
		V, S	EUR 1 =	PYG 8,015.16	PYG 8,044.69	PYG 7,762.80	PYG 7,806.18
Peru							
Lima 504	Sol = 100 céntimos	B	USD 1 =	PEN 3.879	PEN 3.986	PEN 4.057	PEN 3.975
		S	USD 1 =	PEN 3.886	PEN 3.992	PEN 4.066	PEN 3.998
	PEN	B	EUR 1 =	PEN 4.517	PEN 4.441	PEN 4.330	PEN 4.344
		S	EUR 1 =	PEN 4.783	PEN 4.918	PEN 4.952	PEN 4.846
Philippines							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 49.00	PHP 50.20	PHP 50.10	PHP 50.65
		S	USD 1 =	PHP 49.50	PHP 50.70	PHP 50.60	PHP 51.15
	PHP	B	EUR 1 =	PHP 55.9728	PHP 56.6160	PHP 54.5565	PHP 55.3289
		S	EUR 1 =	PHP 60.0324	PHP 60.7903	PHP 58.3769	PHP 59.3552
Poland							
Warsaw 060	Polish zloty = 100 groszy	M	USD 1 =	PLN 3.8647	PLN 3.9664	PLN 4.1214	PLN 4.0600
	PLN	M	EUR 1 =	PLN 4.5775	PLN 4.6208	PLN 4.6834	PLN 4.5994
Portugal							
Lisbon 010	Euro = 100 cent	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326
	EUR						
Qatar							
Doha 644	Qatari riyal = 100 dirham	²	USD 1 =	QAR 3.6400	QAR 3.6400	QAR 3.6400	QAR 3.6400
		V, M	EUR 1 =	QAR 4.3009	QAR 4.2388	QAR 4.1361	QAR 4.1227
	QAR						
Romania							
Bucharest 066	Romanian leu = 100 bani	M	USD 1 =	RON 4.1630	RON 4.2471	RON 4.3853	RON 4.3707
		M	EUR 1 =	RON 4.9244	RON 4.9489	RON 4.9490	RON 4.9481
	RON						
Russian Federation							
Moscow 075	Russian rouble = 100 kopecks	M	USD 1 =	RUB 73.6685	RUB 70.5200	RUB 74.9818	RUB 74.2926
		M	EUR 1 =	RUB 87.2582	RUB 82.2898	RUB 84.4820	RUB 84.0695
	RUB						

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B S	USD 1 = USD 1 =	RWF 979.780622 RWF 999.374255	RWF 992.588268 RWF 1,012.438028	RWF 996.480286 RWF 1,016.407878	RWF 999.622566 RWF 1,019.612998
	RWF	B S	EUR 1 = EUR 1 =	RWF 1,158.76928 RWF 1,181.94233	RWF 1,158.54903 RWF 1,181.71767	RWF 1,125.82343 RWF 1,148.33762	RWF 1,131.57275 RWF 1,154.20191
Saint Helena, Ascension and Tristan da Cunha							
Jamestown 329	Saint Helena pound ² = 100 pence	V	USD 1 =	SHP 0.72681	SHP 0.72555	SHP 0.74956	SHP 0.74190
	SHP	V	EUR 1 =	SHP 0.85960	SHP 0.84490	SHP 0.85173	SHP 0.84028
Saint Kitts and Nevis							
Basseterre 449	East Caribbean dollar = 100 cents	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
	XCD	V, B V, S	EUR 1 = EUR 1 =	XCD 3.1793 XCD 3.2133	XCD 3.1304 XCD 3.1638	XCD 3.0546 XCD 3.0872	XCD 3.0447 XCD 3.0772
Saint Lucia							
Castries 465	East Caribbean dollar = 100 cents	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
	XCD	V, B V, S	EUR 1 = EUR 1 =	XCD 3.1793 XCD 3.2133	XCD 3.1304 XCD 3.1638	XCD 3.0546 XCD 3.0872	XCD 3.0447 XCD 3.0772
Saint Vincent and the Grenadines							
Kingstown 467	East Caribbean dollar = 100 cents	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
	XCD	V, B V, S	EUR 1 = EUR 1 =	XCD 3.1793 XCD 3.2133	XCD 3.1304 XCD 3.1638	XCD 3.0546 XCD 3.0872	XCD 3.0447 XCD 3.0772
Samoa							
Apia 819	Tala = 100 sene	M	WST 1 =	USD 0.39108	USD 0.39393	USD 0.38221	USD 0.38404
	WST	M	WST 1 =	EUR 0.33107	EUR 0.33717	EUR 0.33922	EUR 0.33968
Sao Tome and Principe							
São Tomé 311	Dobra = 100 cêntimos	B S	USD 1 = USD 1 =	STN 20.7642 STN 21.0757	STN 21.1334 STN 21.4504	STN 21.7276 STN 22.0535	STN 21.6757 STN 22.0008
	STN	4	EUR 1 =	STN 24.5000	STN 24.5000	STN 24.5000	STN 24.5000
Saudi Arabia							
Riyadh 632	Saudi riyal = 100 halalah	³ M	USD 1 =	SAR 3.75	SAR 3.75	SAR 3.75	SAR 3.75
	SAR	V, M	EUR 1 =	SAR 4.43566	SAR 4.36688	SAR 4.26113	SAR 4.24725

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Senegal ¹							
Dakar 248	CFA franc	B	USD 1 =	XOF 551.75	XOF 558.75	XOF 576.25	XOF 576.50
		S	USD 1 =	XOF 558.75	XOF 565.75	XOF 583.25	XOF 583.50
	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 99.1383	RSD 100.4641	RSD 103.6162	RSD 103.6144
		S	USD 1 =	RSD 99.7349	RSD 101.0687	RSD 104.2398	RSD 104.2380
	RSD	B	EUR 1 =	RSD 117.2203	RSD 117.2315	RSD 117.2211	RSD 117.2294
		S	EUR 1 =	RSD 117.9257	RSD 117.9371	RSD 117.9265	RSD 117.9348
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 16.2706	SCR 14.2912	SCR 14.4244	SCR 14.3872
		S	USD 1 =	SCR 16.9477	SCR 14.9690	SCR 14.8049	SCR 14.9834
	SCR	B	EUR 1 =	SCR 19.1849	SCR 16.7011	SCR 16.0793	SCR 16.0121
		S	EUR 1 =	SCR 20.0962	SCR 17.4706	SCR 16.9111	SCR 17.0027
Sierra Leone							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 10,373.56	SLL 10,778.72	SLL 11,006.38	SLL 11,143.17
		S	USD 1 =	SLL 10,585.67	SLL 10,996.48	SLL 11,228.73	SLL 11,368.28
	SLL	B	EUR 1 =	SLL 12,252.77	SLL 12,570.31	SLL 12,455.38	SLL 12,594.69
		S	EUR 1 =	SLL 12,496.53	SLL 12,818.53	SLL 12,705.79	SLL 12,845.73
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents	M	USD 1 =	SGD 1.3433	SGD 1.3444	SGD 1.3686	SGD 1.3517
	SGD	M	EUR 1 =	SGD 1.5871	SGD 1.5697	SGD 1.5463	SGD 1.5295
Sint Maarten (southern part)							
Philipsburg 479	Netherlands Antillean guilder = 100 cents	3 B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		3 S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 210.45	ANG 207.56	ANG 202.27	ANG 201.81
		S	EUR 100 =	ANG 214.69	ANG 211.75	ANG 206.35	ANG 205.88
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents	M	SBD 1 =	USD 0.1245	USD 0.1246	USD 0.1237	USD 0.1236
	SBD	M	SBD 1 =	EUR 0.10541	EUR 0.10670	EUR 0.10970	EUR 0.10900

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 2021	Rate at end of month		
					October 2021	November 2021	December 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 14.6003	ZAR 15.0113	ZAR 15.8115	ZAR 15.7613
		S	USD 1 =	ZAR 14.9228	ZAR 15.3288	ZAR 16.1774	ZAR 16.1279
	ZAR	B	EUR 1 =	ZAR 17.3023	ZAR 17.4229	ZAR 17.8612	ZAR 17.7810
		S	EUR 1 =	ZAR 17.7763	ZAR 17.8617	ZAR 18.5018	ZAR 18.4214
South Sudan							
Juba 225	South Sudanese pound = 100 piastres	M	USD 1 =	SSP 317.0607	SSP 409.3977	SSP 412.6700	SSP 432.0540
	SSP	M	EUR 1 =	SSP 372.1906	SSP 477.1536	SSP 464.8321	SSP 488.5454
Spain							
Madrid 011	Euro = 100 cent	M	EUR 1 =	USD 1.1827	USD 1.1645	USD 1.1363	USD 1.1326
	EUR						
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 196.9317	LKR 198.5008	LKR 198.5008	LKR 198.5008
		S	USD 1 =	LKR 201.6169	LKR 202.9992	LKR 202.9992	LKR 202.9992
	LKR	B	EUR 1 =	LKR 232.1963	LKR 230.9120	LKR 223.7410	LKR 224.1969
		S	EUR 1 =	LKR 239.8119	LKR 239.4467	LKR 232.4950	LKR 233.0274
Sudan							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 392.3129	SDG 438.9685	SDG 436.3436	SDG 436.2797
		S	USD 1 =	SDG 395.0050	SDG 442.2608	SDG 439.6162	SDG 439.5518
	SDG	B	EUR 1 =	SDG 461.9386	SDG 511.1832	SDG 492.9068	SDG 493.6767
		S	EUR 1 =	SDG 465.1035	SDG 515.0171	SDG 496.6036	SDG 497.3792
Suriname							
Paramaribo 492	Suriname dollar = 100 cents	B	USD 1 =	SRD 19.085	SRD 21.497	SRD 21.444	SRD 20.893
		S	USD 1 =	SRD 19.411	SRD 21.684	SRD 21.679	SRD 21.296
	SRD	B	EUR 1 =	SRD 22.182	SRD 24.274	SRD 23.775	SRD 23.723
		S	EUR 1 =	SRD 22.664	SRD 24.382	SRD 24.263	SRD 24.146
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 8.5290	SEK 8.4670	SEK 8.9759	SEK 8.9912
		S	USD 1 =	SEK 8.6340	SEK 8.5720	SEK 9.0809	SEK 9.0962
	SEK	B	EUR 1 =	SEK 10.0942	SEK 9.8874	SEK 10.1791	SEK 10.1694
		S	EUR 1 =	SEK 10.2092	SEK 10.0024	SEK 10.2941	SEK 10.2844

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Switzerland							
Berne 039	Swiss franc = 100 rappen/centimes CHF	B	USD 1 =	CHF 0.9143	CHF 0.9118	CHF 0.9183	CHF 0.9127
		B	EUR 1 =	CHF 1.0798	CHF 1.0622	CHF 1.0434	CHF 1.0339
Syrian Arab Republic ¹							
Damascus 608	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 2,187.50	SYP 2,500.00	SYP 2,500.00	SYP 2,500.00
		S	USD 1 =	SYP 2,209.25	SYP 2,525.00	SYP 2,525.00	SYP 2,525.00
		B	EUR 1 =	SYP 2,574.25	SYP 2,887.00	SYP 2,820.00	SYP 2,829.00
		S	EUR 1 =	SYP 2,599.99	SYP 2,915.87	SYP 2,848.20	SYP 2,857.29
Tajikistan							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 11.3083	TJS 11.2480	TJS 11.2941	TJS 11.3000
		M	EUR 1 =	TJS 13.3782	TJS 13.0882	TJS 12.7544	TJS 12.7973
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 2,286.3493	TZS 2,282.3762	TZS 2,282.7822	TZS 2,286.3800
		S	USD 1 =	TZS 2,309.2125	TZS 2,305.2000	TZS 2,305.6100	TZS 2,309.2400
		B	EUR 1 =	TZS 2,701.4482	TZS 2,654.6318	TZS 2,576.5762	TZS 2,593.2100
		S	EUR 1 =	TZS 2,729.2322	TZS 2,682.1002	TZS 2,602.8031	TZS 2,619.3700
Thailand							
Bangkok 680	Thai baht = 100 satang THB	B	USD 1 =	THB 31.8272	THB 33.0077	THB 33.5226	THB 33.2469
		S	USD 1 =	THB 32.1710	THB 33.3532	THB 33.8569	THB 33.5929
		B	EUR 1 =	THB 37.5324	THB 38.3445	THB 37.6887	THB 37.5083
		S	EUR 1 =	THB 38.3022	THB 39.1236	THB 38.4459	THB 38.2813
Togo ¹							
Lomé 280	CFA franc XOF	B	USD 1 =	XOF 551.75	XOF 558.75	XOF 576.25	XOF 576.50
		S	USD 1 =	XOF 558.75	XOF 565.75	XOF 583.25	XOF 583.50
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Tonga							
Nuku'alofa 817	Pa'anga = 100 seniti TOP	M	TOP 1 =	USD 0.4416	USD 0.4480	USD 0.4378	USD 0.4399
		M	TOP 1 =	EUR 0.3731	EUR 0.3826	EUR 0.3872	EUR 0.3876
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.7168	TTD 6.7228	TTD 6.6835	TTD 6.7280
		S	USD 1 =	TTD 6.7684	TTD 6.7782	TTD 6.7747	TTD 6.7970
		B	EUR 1 =	TTD 7.9996	TTD 7.8948	TTD 8.1569	TTD 7.6191
		S	EUR 1 =	TTD 8.5618	TTD 8.4763	TTD 8.3095	TTD 8.1166

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 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes	B	USD 1 =	TND 2.7782	TND 2.8220	TND 2.8648	TND 2.8721
		S	USD 1 =	TND 2.7810	TND 2.8249	TND 2.8676	TND 2.8750
	TND	B	EUR 1 =	TND 3.2860	TND 3.2812	TND 3.2557	TND 3.2544
		S	EUR 1 =	TND 3.2892	TND 3.2844	TND 3.2589	TND 3.2577
Turkey							
Ankara 052	Turkish lira = 100 kuruş	B	USD 1 =	TRY 8.8869	TRY 9.4813	TRY 12.6595	TRY 12.9775
		S	USD 1 =	TRY 8.9029	TRY 9.4984	TRY 12.6823	TRY 13.0009
	TRY	B	EUR 1 =	TRY 10.6978	TRY 10.9980	TRY 14.2793	TRY 14.6823
		S	EUR 1 =	TRY 10.7171	TRY 11.0179	TRY 14.3050	TRY 14.7088
Turkmenistan ¹							
Ashgabat 080	Turkmen manat = 100 tenge TMT	2	USD 1 =	TMT 3.50	TMT 3.50	TMT 3.50	TMT 3.50
		M	EUR 1 =	TMT 4.1413	TMT 4.0765	TMT 3.9491	TMT 3.9557
Uganda							
Kampala 350	Uganda shilling	B	USD 1 =	UGX 3,577.15	UGX 3,549.48	UGX 3,559.09	UGX 3,539.30
		S	USD 1 =	UGX 3,587.15	UGX 3,559.48	UGX 3,569.09	UGX 3,549.30
	UGX	B	EUR 1 =	UGX 4,224.32	UGX 4,116.29	UGX 4,028.40	UGX 4,016.91
		S	EUR 1 =	UGX 4,236.12	UGX 4,127.89	UGX 4,039.72	UGX 4,028.26
Ukraine							
Kyiv 072	Hryvnia = 100 kopyok UAH	M	USD 1 =	UAH 27.2680	UAH 26.3265	UAH 27.1739	UAH 27.2782
		M	EUR 1 =	UAH 32.2611	UAH 30.5032	UAH 30.6481	UAH 30.9226
United Arab Emirates ¹							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils AED	2	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
		V, M	EUR 1 =	AED 4.3436	AED 4.2766	AED 4.1731	AED 4.1595
United Kingdom ¹							
London 006	Pound sterling = 100 pence GBP	M	GBP 1 =	USD 1.3757	USD 1.3706	USD 1.3233	USD 1.3477
		M	EUR 1 =	GBP 0.8581	GBP 0.8442	GBP 0.8509	GBP 0.8399
United States							
Washington 400	US dollar = 100 cents USD	M	EUR 1 =	USD 1.17966	USD 1.1561	USD 1.1336	USD 1.1368
		M	GBP 1 =	USD 1.37555	USD 1.3691	USD 1.3295	USD 1.3529

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 *

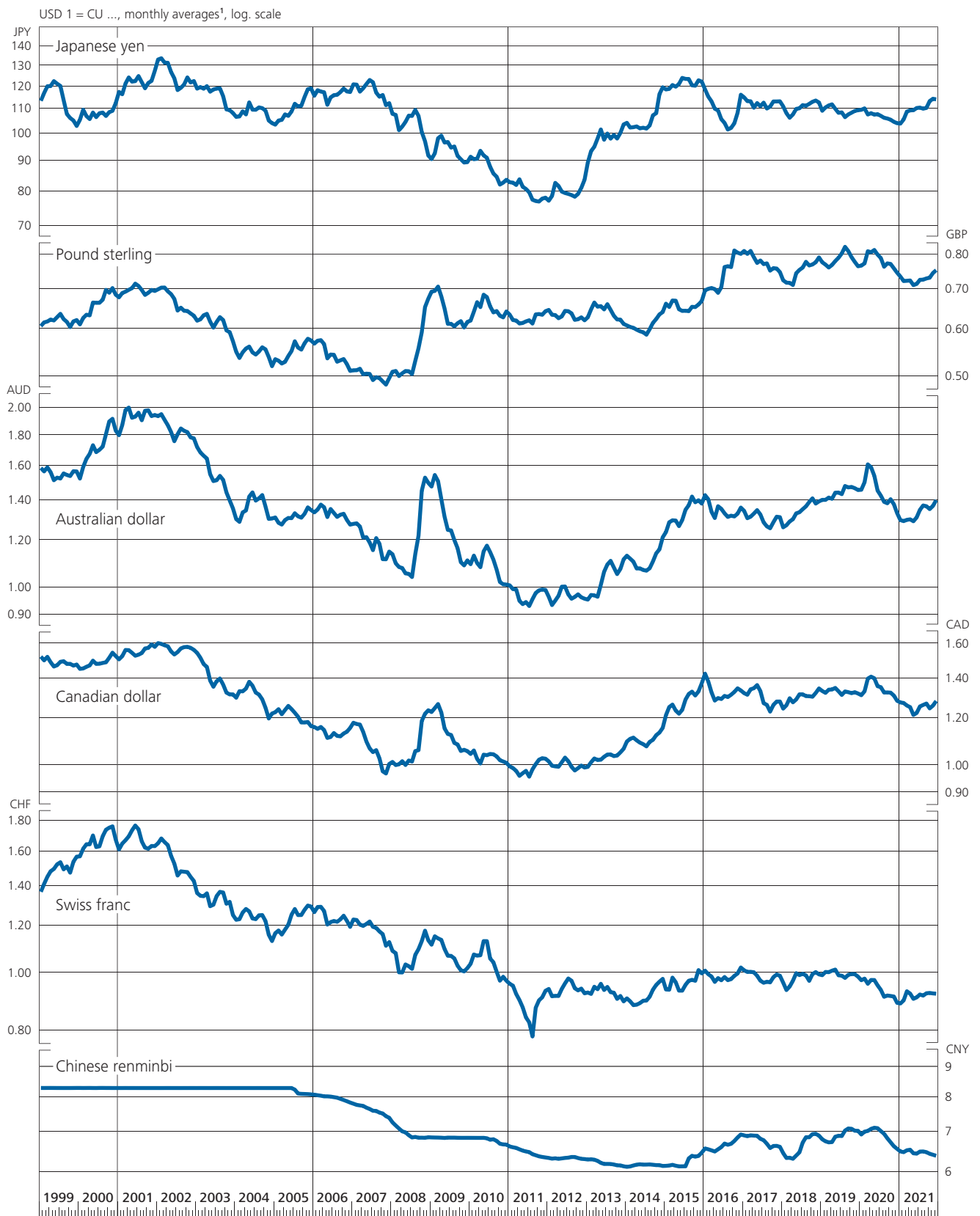
1. Currencies and exchange rates in individual countries (cont'd)

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					October 2021	November 2021	December 2021
Uruguay							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 43.574	UYU 44.181	UYU 44.100	UYU 44.695
		M	EUR 1 =	UYU 51.5154	UYU 51.0688	UYU 49.8793	UYU 50.5322
Uzbekistan							
Tashkent 081	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 10,624.97	UZS 10,683.00	UZS 10,787.03	UZS 10,837.66
		M	EUR 1 =	UZS 12,568.72	UZS 12,384.80	UZS 12,174.24	UZS 12,224.88
Vanuatu							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 107.78	VUV 107.27	VUV 111.03	VUV 110.23
		S	USD 1 =	VUV 114.63	VUV 114.09	VUV 118.10	VUV 117.24
		B	EUR 1 =	VUV 128.25	VUV 126.27	VUV 126.31	VUV 125.78
		S	EUR 1 =	VUV 133.43	VUV 131.38	VUV 131.42	VUV 130.87
Venezuela, Bolivarian Republic of ¹							
Caracas 484	Bolívar = 100 céntimos VES	B	USD 1 =	VES 3.387736 ¹	VES 4.366955	VES 4.610046	VES 4.585707
		S	USD 1 =	VES 3.396227 ¹	VES 4.377900	VES 4.621600	VES 4.597200
		B	EUR 1 =	VES 3.978432 ¹	VES 5.054794	VES 5.243789	VES 5.198541
		S	EUR 1 =	VES 3.988403 ¹	VES 5.067463	VES 5.256931	VES 5.211570
Viet Nam							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 22,814	VND 22,650	VND 22,600	VND 22,640
		S	USD 1 =	VND 23,014	VND 22,850	VND 22,800	VND 22,920
		B	EUR 1 =	VND 26,590.89	VND 26,173.11	VND 25,268.47	VND 25,391.31
		S	EUR 1 =	VND 27,719.15	VND 27,339.72	VND 26,394.80	VND 26,546.33
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 294.98	YER 289.08	YER 281.90	YER 283.26
		S	EUR 1 =	YER 295.57	YER 289.65	YER 282.46	YER 283.83
Zambia							
Lusaka 378	Kwacha = 100 ngwee ZMW	B	USD 1 =	ZMW 19.6748	ZMW 17.2384	ZMW 17.7792	ZMW 16.6431
		S	USD 1 =	ZMW 19.7248	ZMW 17.2884	ZMW 17.8292	ZMW 16.6931
		B	EUR 1 =	ZMW 23.2872	ZMW 20.0362	ZMW 20.1989	ZMW 18.8517
		S	EUR 1 =	ZMW 23.3512	ZMW 20.0977	ZMW 20.2575	ZMW 18.9150
Zimbabwe ¹							
Harare 382	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =	ZWL 89.77495	ZWL 97.13610	ZWL 105.66840	ZWL 108.66600
		M	EUR 1 =	ZWL 105.85241	ZWL 113.39695	ZWL 119.37390	ZWL 123.02105

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.

IV. Overview of world currencies *

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

Country or territory (country code)	Currency	Country or territory (country code)	Currency
Åland Islands Alhucemas American Samoa (830) Andaman Islands Andorra 1 (043) Anguilla (446) Azores (010)	Euro Euro US dollar Indian rupee Euro East Caribbean dollar Euro	Madeira (010) Marie-Galante (001) Marshall Islands (824) Martinique (001) Mayotte (001) Melilla (023) Micronesia, Federated States of (823) Monaco 1 (001) Montenegro (097) Montserrat (470) Mooréa	Euro Euro US dollar Euro Euro Euro US dollar Euro Euro East Caribbean dollar CFP franc
Baker Island (832) Balearics Bali Bonaire (475) Bora-Bora Borneo (northern part) (701) Borneo (southern part) (700) British Virgin Islands (468)	US dollar Euro Indonesian rupiah US dollar CFP franc Malaysian ringgit Indonesian rupiah US dollar	Nauru (803) Newfoundland Nicobar Islands Niue (838) Norfolk Island (836) Northern Mariana Islands (820)	Australian dollar Canadian dollar Indian rupee New Zealand dollar Australian dollar US dollar
Canary Islands (011) Ceuta (021) Chafarinas (Islands) Christmas Island (834) Cocos Islands (833)	Euro Euro Euro Australian dollar Australian dollar	Palau (825) Pescadores Pitcairn Islands Group (813) Puerto Rico (400)	US dollar New Taiwan dollar New Zealand dollar US dollar
Désirade (001)	Euro	Réunion (001)	Euro
Easter Island Ecuador 1 (500)	Chilean peso US dollar	Saba (475) San Marino 1 (047) Spitzbergen/Spitsbergen (028) St Barthélemy (001) St Eustatius (475) St Martin (northern part) (001) St Pierre and Miquelon (408) Sumatra Swan Islands (424)	US dollar Euro Norwegian krone Euro US dollar Euro Euro Indonesian rupiah Honduran lempira
Faroe Islands 1 (041) (French) Guiana (001) French Polynesia (822)	Danish krone Euro CFP franc	Tahiti (822) Tibet (720) Timor-Leste 1 (626) Tokelau (839) Turks and Caicos Islands 1 (454) Tuvalu 1 (807)	CFP franc Chinese renminbi US dollar New Zealand dollar/Samoan tala US dollar Australian dollar
Galapagos Islands (500) Gozo (Island of) Greenland (406) Guadeloupe (001) Guam (831) Guernsey 1 (107)	US dollar Euro Danish krone Euro US dollar Pound sterling	Vatican City 1 (045) Virgin Islands of the United States (457)	Euro US dollar
Howland Island (832)	US dollar	Wallis and Futuna (Islands) (811) Western Sahara (203)	CFP franc Moroccan dirham
Isle of Man 1 (109)	Pound sterling	Zanzibar (Island) (352)	Tanzania shilling
Jarvis Island (832) Java Jersey 1 (108)	US dollar Indonesian rupiah Pound sterling		
Kiribati 1 (812) Kosovo (095)	Australian dollar Euro Serbian dinar		
Laccadive Islands Les Saintes Islands (001) Liechtenstein (021)	Indian rupee Euro Swiss franc		

Sources: Central banks and The Statesman's Yearbook. * See Explanatory notes, p. 50. ¹ Local currency is also in use.

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
2007	1.58025	1.07346	11.5302	179.947	0.788780	1.56144	1.77857	8.02021	8.55074	10.2088
2008	1.54027	1.10675	10.5271	140.464	1.05657	1.88621	1.63839	8.18003	10.7802	12.0833
2009	1.56769	1.08822	10.7045	143.797	0.968007	1.64075	1.61551	8.10688	9.05608	11.3070
2010	1.54003	1.15966	10.1995	125.436	0.997755	1.54142	1.44702	8.64469	9.06742	10.4761
2011	1.53527	1.18654	9.67352	119.321	0.992989	1.56254	1.44453	8.82099	9.20039	10.6293
2012	1.53692	1.16583	9.6666	133.020	0.953662	1.52954	1.40874	8.69762	8.55432	10.0140
2013	1.54000	1.11732	9.3977	162.162	0.935148	1.63856	1.37291	8.33556	9.41398	10.0229
2014	1.44881	1.19332	8.86525	174.733	0.928247	1.68076	1.43301	8.86611	10.7693	11.3176
2015	1.38573	1.27283	8.99548	167.116	0.935104	1.91785	1.37478	9.47221	12.2069	11.5742
2016	1.34433	1.27534	9.34283	157.018	1.09278	1.80503	1.36826	9.48128	11.5881	12.2295
2017	1.42413	1.18747	9.27343	160.785	1.05402	1.78837	1.38967	8.84056	11.6850	11.7238
2018	1.39079	1.21424	9.53107	154.141	1.09550	1.89153	1.36451	9.06709	12.1106	12.4768
2019	1.38283	1.23588	9.66184	150.894	1.05386	1.80583	1.34362	9.23156	12.1685	12.8879
2020	1.44027	1.18385	9.41203	149.255	1.07323	1.85161	1.28162	8.80553	12.5770	11.9614
2021	1.39959	1.23748	8.91599	159.848	1.04183	1.79808	1.28791	9.20217	12.3888	12.7593
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
Dec.	1.39959	1.23748	8.91599	159.848	1.04183	1.79808	1.28791	9.20217	12.3888	12.7593
2021 Nov. 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	160.564	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	1.77521	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	1.77481	1.29104	9.20836	12.5485	12.6582
14	1.39868	1.23678	8.89981	158.960	1.05553	1.77481	1.29104	9.20836	12.5485	12.6582
15	1.39654	1.24004	8.88865	158.898	1.05319	1.77481	1.29104	9.20836	12.5485	12.6582
16	1.39781	1.23307	8.89941	159.532	1.04830	1.78667	1.29346	9.16935	12.5105	12.6782
17	1.39850	1.23434	8.91170	159.220	1.05254	1.79652	1.28606	9.17911	12.5635	12.6422
20	1.39579	1.23817	8.90282	158.548	1.05730	1.80644	1.28922	9.20751	12.6188	12.7645
21	1.39683	1.23668	8.90004	158.750	1.05449	1.80568	1.28823	9.19616	12.5508	12.7536
22	1.39765	1.23675	8.90797	159.556	1.04968	1.79808	1.28982	9.19667	12.4433	12.7899
23	1.39959	1.23748	8.91599	159.848	1.04183	1.79808	1.28791	9.20217	12.3888	12.7593
2022 Jan. 3	1.40098	1.23380	8.90321	161.191	1.03484	1.77475	1.27784	9.17726	12.3396	12.6795
4	1.39656	1.23820	8.90321	161.191	1.03484	1.77475	1.27784	9.17726	12.3396	12.6795
5	1.39914	1.23610	8.91528	162.580	1.03326	1.77928	1.28035	9.19456	12.3204	12.6868
6	1.39841	1.23589	8.91369	162.271	1.03302	1.78171	1.28346	9.19413	12.4022	12.7304
7	1.39818	1.23754	8.91115	162.035	1.03179	1.77093	1.28933	9.20488	12.4111	12.7563
10	1.39994	1.23691	8.92124	161.491	1.03062	1.77499	1.29068	9.20031	12.4004	12.7304
11	1.40038	1.23534	8.92403	161.491	1.03090	1.76531	1.29731	9.19135	12.3737	12.7072
12	1.40186	1.23295	8.92212	161.677	1.02817	1.75373	1.29469	9.17490	12.2395	12.6713
13	1.40739	1.22776	8.95167	161.371	1.02542	1.75698	1.28361	9.13559	12.1957	12.5439
14	1.40790	1.22993	8.93455	160.501	1.02594	1.75698	1.28316	9.15240	12.2824	12.5648

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

VI. Global exchange rate arrangements and monetary policy framework*

As of end-April 2020

Exchange rate arrangement	Monetary policy framework					
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework
	US dollar	Exchange rate anchor		Other		
		Euro	Composite			Other ¹
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}
Crawling peg	Honduras Nicaragua		Botswana			Azerbaijan ⁷ Kyrgyzstan ⁷ Malawi ^{7,8} Sudan ⁷ Tajikistan ^{7,9}
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
	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	CUP	Cuban peso	Cuba	GMD	Dalasi	Gambia
AFN	Afghani	Afghanistan	CVE	Cabo Verde escudo	Cabo Verde	GNF	Guinean franc	Guinea
ALL	Albanian lek	Albania	CZK	Czech koruna	Czechia	GTQ	Quetzal	Guatemala
AMD	Armenian dram	Armenia				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
			EGP	Egyptian pound	Egypt	HUF	Hungarian forint	Hungary
			ERN	Nakfa	Eritrea	IDR	Indonesian rupiah	Indonesia
AWG	Aruban florin	Aruba	ETB	Birr	Ethiopia	ILS	New shekel	Israel
AZN	Azerbaijan manat	Azerbaijan	EUR	Euro	Austria Belgium Cyprus Estonia Finland France Germany Greece Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain	INR	Indian rupee	India Bhutan
BAM	Convertible marka	Bosnia and Herzegovina			Åland Islands Andorra (French) Guiana Guadeloupe Martinique Mayotte Monaco Montenegro Réunion Saint Pierre and Miquelon Saint Barthélemy Saint Martin (northern part) San Marino Vatican City	IQD	Iraqi dinar	Iraq
BBD	Barbados dollar	Barbados				IRR	Iranian rial	Iran, Islamic Republic of
BDT	Taka	Bangladesh				ISK	Icelandic krona	Iceland
BGN	Bulgarian lev	Bulgaria				JMD	Jamaican dollar	Jamaica
BHD	Bahraini dinar	Bahrain				JOD	Jordanian dinar	Jordan
BIF	Burundi franc	Burundi				JPY	Japanese yen	Japan
BMD	Bermudian dollar	Bermuda						
BND	Brunei dollar	Brunei Darussalam				KES	Kenya shilling	Kenya
BOB	Boliviano	Bolivia, Plurinational State of				KGS	Kyrgyz som	Kyrgyzstan
BRL	Brazilian real	Brazil				KHR	Riel	Cambodia
BSD	Bahamian dollar	Bahamas				KMF	Comorian franc	Comoros
BTN	Ngultrum	Bhutan				KPW	North Korean won	Korea, Democratic People's Republic of
BWP	Pula	Botswana				KRW	South Korean won	Korea, Republic of
BYN	Belarusian rouble	Belarus				KWD	Kuwaiti dinar	Kuwait
BZD	Belize dollar	Belize				KYD	Cayman Islands dollar	Cayman Islands
			FJD	Fiji dollar	Fiji	KZT	Tenge	Kazakhstan
CAD	Canadian dollar	Canada	FKP	Falkland Islands pound	Falkland Islands (Islas Malvinas)			
CDF	Congo franc	Congo, Democratic Republic of the				LAK	Kip	Lao People's Democratic Republic
CHF	Swiss franc	Switzerland Liechtenstein	GBP	Pound sterling	United Kingdom Guernsey Isle of Man Jersey	LBP	Lebanese pound	Lebanon
CLP	Chilean peso	Chile				LKR	Sri Lanka rupee	Sri Lanka
CNY	Chinese renminbi	China	GEL	Lari	Georgia	LRD	Liberian dollar	Liberia
COP	Colombian peso	Colombia	GHS	Ghana cedi	Ghana	LSL	Loti	Lesotho
CRC	Costa Rican colón	Costa Rica	GIP	Gibraltar pound	Gibraltar	LYD	Libyan dinar	Libya

* Extracted and compiled from ISO communications. ¹ See Explanatory notes on individual countries, 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			
MKD	North Macedonia denar	North Macedonia	SDG	Sudanese pound	Sudan	VED	Bolivar Soberano	Venezuela, Bolivarian Republic of ¹
MMK	Kyat	Myanmar	SEK	Swedish krona	Sweden	VES	Bolivar Soberano	Venezuela, Bolivarian Republic of
MNT	Togrog	Mongolia	SGD	Singapore dollar	Singapore	VND	Dong	Viet Nam
MOP	Pataca	Macao	SHP	Saint Helena pound	Saint Helena, Ascension and Tristan da Cunha	VUV	Vatu	Vanuatu
MRU	Ouguiya	Mauritania	SLL	Leone	Sierra Leone			
MUR	Mauritian rupee	Mauritius	SOS	Somali shilling	Somalia	WST	Tala	Samoa
MVR	Rufiyaa	Maldives	SRD	Suriname dollar	Suriname			
MWK	Malawi kwacha	Malawi	SSP	South Sudanese pound	South Sudan	XAF	CFA franc	Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon
MXN	Mexican peso	Mexico	STN	Dobra	Sao Tome and Principe			
MYR	Malaysian ringgit	Malaysia	SVC	El Salvador colón	El Salvador			
MZN	Metical	Mozambique	SYR	Syrian pound	Syrian Arab Republic			
			SZL	Lilangeni	Eswatini	XCD	East Caribbean dollar	Anguilla Antigua and Barbuda Dominica Grenada Montserrat Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines
NAD	Namibia dollar	Namibia						
NGN	Naira	Nigeria						
NIO	Córdoba	Nicaragua	THB	Thai baht	Thailand			
NOK	Norwegian krone	Norway Spitzbergen/ Spitsbergen	TJS	Somoni	Tajikistan			
			TMT	Turkmen manat	Turkmenistan	XOF	CFA franc	Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo
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)	XPF	CFP franc	New Caledonia French Polynesia Wallis and Futuna (Islands)
OMR	Rial Omani	Oman	TZS	Tanzania shilling	Tanzania, United Republic of			
PAB	Balboa	Panama				YER	Yemeni rial	Yemen
PEN	Sol	Peru	UAH	Hryvnia	Ukraine			
PGK	Kina	Papua New Guinea	UGX	Uganda shilling	Uganda	ZAR	South African rand	South Africa Lesotho Namibia
PHP	Philippine peso	Philippines	USD	US dollar	United States American Samoa Bonaire British Virgin Islands Ecuador El Salvador Guam Marshall Islands Micronesia, Federated States of Northern Mariana Islands Palau Panama Puerto Rico Saba Saint Eustatius Timor-Leste Turks and Caicos Islands Virgin Islands of the United States	ZMW	Kwacha	Zambia
PKR	Pakistani rupee	Pakistan				ZWL	Zimbabwe dollar	Zimbabwe
PLN	Polish zloty	Poland						
PYG	Guaraní	Paraguay						
QAR	Qatari riyal	Qatar				Memo item:		
						XAG	Silver	
RON	Romanian leu	Romania				XAU	Gold	
RSD	Serbian dinar	Serbia				XDR	Special drawing right	
RUB	Russian rouble	Russian Federation				XPD	Palladium	
RWF	Rwanda franc	Rwanda				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/Frameworkfortheeuroforeignexchangereserates.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?f184ad85cc2c5ccefd05680706893cde>).

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°

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

° 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.

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

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

El Salvador

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

Equatorial Guinea

See Explanatory notes on Cameroon.

Eswatini

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

Gabon

See Explanatory notes on Cameroon.

Guinea-Bissau

See Explanatory notes on Benin.

India

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

Iran, Islamic Republic of

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

Central bank rate

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

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

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

Bureau de change rate

Used in addition to the regulated central bank and NIMA exchange rates, including for travelling abroad, tuition fees

at foreign universities, medical treatment and legal fees abroad.

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

Iraq

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

Kenya

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

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 27,000 Lebanese pounds at the end of December 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 = 1 (new) bolívar. 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.