



Exchange rate statistics

April 2022

Statistical Series

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

Postfach 10 06 02
60006 Frankfurt am Main
Germany

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

Information pursuant to Section 5 of the German Tele-
media Act (Telemediengesetz) can be found at:
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ISSN 2699-9188

Finalized on 13 April 2022.

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

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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	Data unknown, not to be published or not meaningful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	391.863	–	–	–	–	–	–
Greek drachma	Central rate	¹ 353.109	³ 340.750	–	–	–	–	–	–
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	0.673065	–	–
Cyprus pound	Central rate	–	–	–	0.585274	0.585274	⁷ 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	0.702804	⁸ 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	34.6449	–
Slovak koruna	Central rate	–	–	–	–	38.4550	35.4424	⁹ 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							
		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
2021 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
2022 Jan.		1.9558	7.5293	24.372	7.4419	357.19	4.5892	4.9475	10.4890
	Feb.	1.9558	7.5655	24.997	7.4404	369.72	4.6835	4.9484	10.6055
	Mar.	1.9558	7.5740	24.375	7.4379	369.77	4.6531	4.9463	10.3370
2022 Mar.	18	1.9558	7.5685	24.837	7.4423	375.33	4.7135	4.9483	10.4303
	21	1.9558	7.5733	24.683	7.4411	374.48	4.6960	4.9470	10.4088
	22	1.9558	7.5750	24.679	7.4402	371.23	4.6851	4.9463	10.3822
	23	1.9558	7.5710	24.605	7.4381	372.25	4.7052	4.9463	10.4005
	24	1.9558	7.5745	24.720	7.4397	374.44	4.7421	4.9489	10.3555
	25	1.9558	7.5754	24.645	7.4404	373.81	4.7307	4.9487	10.3505
	28	1.9558	7.5735	24.650	7.4393	374.13	4.7180	4.9483	10.4225
	29	1.9558	7.5815	24.464	7.4388	369.80	4.6594	4.9478	10.3290
	30	1.9558	7.5720	24.450	7.4391	368.13	4.6679	4.9477	10.3498
	31	1.9558	7.5740	24.375	7.4379	369.77	4.6531	4.9463	10.3370
	Apr. 1	1.9558	7.5675	24.376	7.4388	368.12	4.6401	4.9452	10.3320
	4	1.9558	7.5455	24.320	7.4385	369.15	4.6375	4.9432	10.3849
	5	1.9558	7.5399	24.338	7.4378	370.93	4.6265	4.9438	10.2593
	6	1.9558	7.5470	24.441	7.4378	377.77	4.6328	4.9433	10.2855
	7	1.9558	7.5562	24.512	7.4378	379.26	4.6370	4.9419	10.3130
	8	1.9558	7.5490	24.479	7.4372	375.66	4.6437	4.9425	10.2768
	11	1.9558	7.5519	24.429	7.4375	378.27	4.6456	4.9397	10.3128
	12	1.9558	7.5513	24.450	7.4379	377.78	4.6552	4.9417	10.3320
	13	1.9558	7.5538	24.450	7.4377	378.45	4.6453	4.9415	10.3323

		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
2021 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
2022 Jan.		1.5820	6.0030	1.4233	7.0963	8.6994	143.20	83.3655	16,036.76
	Feb.	1.5508	5.7828	1.4264	7.0670	8.7514	141.80	84.5540	16,100.72
	Mar.	1.4829	5.3009	1.3896	7.0403	8.6918	142.00	84.1340	15,947.00
2022 Mar.	18	1.4945	5.5784	1.3911	7.0031	8.6101	142.90	83.7825	15,782.11
	21	1.4897	5.5020	1.3898	7.0152	8.6387	142.70	84.1835	15,826.61
	22	1.4802	5.4105	1.3867	7.0137	8.6285	142.70	83.9145	15,808.01
	23	1.4728	5.3903	1.3840	7.0003	8.5948	141.40	83.9675	15,792.11
	24	1.4668	5.3057	1.3806	6.9933	8.5897	141.20	83.8790	15,778.31
	25	1.4624	5.2634	1.3781	7.0007	8.6117	142.20	83.8235	15,777.69
	28	1.4590	5.2133	1.3702	6.9862	8.5861	142.80	83.4825	15,737.77
	29	1.4795	5.2434	1.3870	7.0550	8.6767	142.20	83.9685	15,896.31
	30	1.4809	5.2808	1.3891	7.0666	8.7081	142.20	84.3800	15,957.24
	31	1.4829	5.3009	1.3896	7.0403	8.6918	142.00	84.1340	15,947.00
	Apr. 1	1.4696	5.2188	1.3805	7.0311	8.6596	142.00	83.9847	15,887.50
	4	1.4651	5.1162	1.3749	7.0026	8.6226	141.80	83.1180	15,783.89
	5	1.4374	5.0384	1.3647	6.9783	8.5917	141.60	82.6350	15,732.77
	6	1.4431	5.0996	1.3647	6.9498	8.5617	141.40	82.8343	15,683.36
	7	1.4578	5.1460	1.3704	6.9448	8.5554	141.00	82.9510	15,692.35
	8	1.4552	5.1583	1.3675	6.9115	8.5134	139.60	82.3890	15,601.96
	11	1.4654	5.1550	1.3738	6.9405	8.5440	140.00	82.7085	15,658.28
	12	1.4599	5.0944	1.3724	6.9199	8.5112	139.60	82.7285	15,609.66
	13	1.4603	5.0449	1.3700	6.8939	8.4867	140.20	82.4780	15,549.10

* See Explanatory notes, p. 48.

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

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

EUR 1 = CU ...

Other European and non-European countries (cont'd)								
Period	Israel New shekel ILS	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW	Malaysia Malaysian ringgit MYR	Mexico Mexican peso MXN	New Zealand New Zealand dollar NZD	Norway Norwegian krone NOK	Philippines Philippine peso PHP
2021 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
2022 Jan.	3.5640	128.79	1,349.08	4.6693	23.1856	1.6983	10.0085	56.985
Feb.	3.6300	129.31	1,347.62	4.7019	22.9011	1.6628	9.9465	57.432
Mar.	3.5243	135.17	1,347.37	4.6677	22.0903	1.6014	9.7110	57.514
2022 Mar. 18	3.5761	131.40	1,337.31	4.6157	22.5905	1.6026	9.6940	57.622
21	3.5637	131.57	1,342.62	4.6415	22.4800	1.5997	9.6575	57.817
22	3.5521	132.96	1,343.81	4.6483	22.3667	1.5860	9.6233	57.749
23	3.5407	132.65	1,337.76	4.6401	22.1978	1.5822	9.6425	57.565
24	3.5461	133.71	1,342.53	4.6396	22.1770	1.5812	9.4923	57.426
25	3.5351	134.07	1,343.32	4.6324	21.9908	1.5787	9.5205	57.322
28	3.5313	135.93	1,342.49	4.6238	21.9841	1.5838	9.5123	57.080
29	3.5505	136.66	1,345.62	4.6707	22.1561	1.6054	9.5995	57.602
30	3.5399	135.47	1,346.97	4.6779	22.1557	1.5947	9.6398	57.906
31	3.5243	135.17	1,347.37	4.6677	22.0903	1.6014	9.7110	57.514
Apr. 1	3.5315	135.35	1,345.61	4.6534	21.9087	1.5911	9.6628	57.084
4	3.5312	135.08	1,338.41	4.6430	21.8200	1.5860	9.5489	56.521
5	3.5152	134.76	1,330.81	4.6185	21.7474	1.5657	9.5398	56.194
6	3.5199	135.30	1,330.44	4.6040	21.8759	1.5718	9.5523	56.167
7	3.5259	135.32	1,330.92	4.6046	21.9806	1.5816	9.5595	56.114
8	3.5010	134.87	1,333.12	4.5850	21.8729	1.5849	9.5080	55.990
11	3.5010	137.01	1,345.23	4.6112	21.8653	1.5938	9.5478	56.753
12	3.4972	136.29	1,335.49	4.5972	21.5616	1.5874	9.5395	56.574
13	3.4782	136.26	1,328.47	4.5799	21.4170	1.5991	9.5693	56.446

Other European and non-European countries (cont'd)								
Period	Russian Federation Russian rouble RUB 1	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
2021 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
2022 Jan.	86.7251	1.5110	17.3734	1.0404	37.144	14.9310	0.83153	1.1156
Feb.	115.4842	1.5201	17.2863	1.0336	36.593	15.4532	0.83550	1.1199
Mar.	–	1.5028	16.1727	1.0267	36.911	16.2823	0.84595	1.1101
2022 Mar. 18	–	1.4952	16.5347	1.0314	36.745	16.3054	0.83925	1.1008
21	–	1.4960	16.4543	1.0278	37.038	16.3773	0.83775	1.1038
22	–	1.4957	16.3430	1.0275	36.881	16.3432	0.83228	1.1024
23	–	1.4919	16.2501	1.0269	36.965	16.3108	0.83280	1.0985
24	–	1.4912	16.1478	1.0225	36.837	16.2917	0.83288	1.0978
25	–	1.4919	16.0386	1.0207	36.906	16.3304	0.83380	1.1002
28	–	1.4921	15.9925	1.0257	37.027	16.2750	0.83643	1.0966
29	–	1.5051	16.1804	1.0362	37.290	16.3275	0.84440	1.1085
30	–	1.5064	16.1288	1.0309	37.144	16.3296	0.84563	1.1126
31	–	1.5028	16.1727	1.0267	36.911	16.2823	0.84595	1.1101
Apr. 1	–	1.4985	16.1685	1.0217	36.941	16.2411	0.84145	1.1052
4	–	1.4938	16.0957	1.0203	36.894	16.1830	0.83890	1.1005
5	–	1.4867	15.9529	1.0141	36.697	16.1500	0.83490	1.0969
6	–	1.4844	15.9934	1.0187	36.701	16.0998	0.83473	1.0923
7	–	1.4848	16.0520	1.0185	36.541	16.0929	0.83450	1.0916
8	–	1.4801	15.9968	1.0155	36.488	16.0237	0.83355	1.0861
11	–	1.4874	15.9127	1.0180	36.613	16.0485	0.83693	1.0900
12	–	1.4803	15.8490	1.0131	36.531	15.9548	0.83455	1.0861
13	–	1.4769	15.6820	1.0116	36.305	15.7992	0.83280	1.0826

* See Explanatory notes, p. 48. 1 The ECB has suspended the publication of the euro foreign exchange reference rate against the Russian rouble with effect from 2 March 2022.

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

2. Annual and monthly averages +

EUR 1 = CU ...

EU member countries								
	Bulgaria	Croatia	Czechia	Denmark	Hungary	Poland	Romania	Sweden
Period	Bulgarian lev BGN	Kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	Swedish krona SEK
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
2020 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
2022 Jan.	1.9558	7.5247	24.470	7.4411	358.68	4.5522	4.9454	10.3579
Feb.	1.9558	7.5338	24.437	7.4408	356.97	4.5487	4.9458	10.5342
Mar.	1.9558	7.5711	25.007	7.4404	376.64	4.7522	4.9482	10.5463

Other European and non-European countries								
	Australia	Brazil	Canada	China	Hong Kong	Iceland	India	Indonesia
Period	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	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	6.3779	1.4826	7.6282	9.1932	150.15	87.4392	16,920.72
2020 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
2022 Jan.	1.5770	6.2673	1.4282	7.1922	8.8166	146.09	84.2273	16,227.12
Feb.	1.5825	5.8903	1.4422	7.1957	8.8461	141.99	85.0312	16,271.78
Mar.	1.4946	5.4884	1.3950	6.9916	8.6199	143.39	83.9933	15,802.12

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

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

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

EUR 1 = CU ...

Other European and non-European countries (cont'd)								
	Israel	Japan	Korea, Republic of	Malaysia	Mexico	New Zealand	Norway	Philippines
Period	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	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
2020 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
2022 Jan.	3.5487	130.01	1,353.61	4.7405	23.1891	1.6789	10.0070	58.000
Feb.	3.6452	130.66	1,358.53	4.7492	23.1808	1.6982	10.0544	58.163
Mar.	3.5710	130.71	1,345.66	4.6277	22.6476	1.6049	9.7367	57.415

Other European and non-European countries (cont'd)								
	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United Kingdom	United States
	Russian rouble RUB 1	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY	Pound sterling GBP	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
2020 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
2022 Jan.	86.5552	1.5286	17.5286	1.0401	37.607	15.3525	0.83503	1.1314
Feb.	88.8910	1.5274	17.2663	1.0461	37.014	15.4901	0.83787	1.1342
Mar.	-	1.4972	16.5138	1.0245	36.648	16.1233	0.83638	1.1019

* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. 1 The ECB has suspended

the publication of the euro foreign exchange reference rate against the Russian rouble with effect from 2 March 2022.

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 (Table 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

EUR 1 = CU ..., monthly averages¹, log. scale

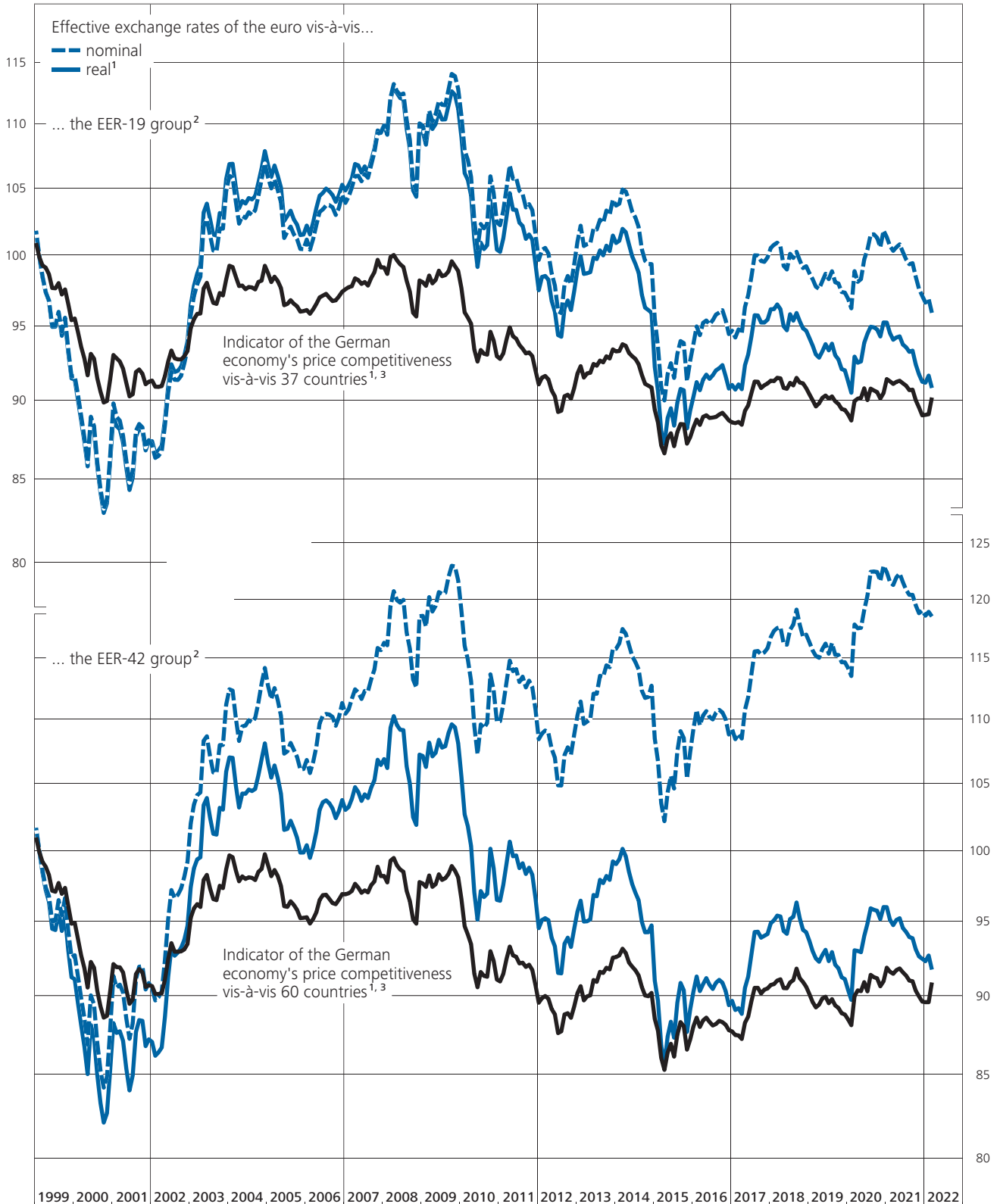


* See explanatory notes, p. 48. ¹ Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB.

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 2}		
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	86.9	86.1	85.5	88.1	86.2
2001	87.6	87.2	86.7	84.3	90.2	86.9	
2002	89.8	90.2	89.8	87.9	94.5	90.5	
2003	100.4	101.4	100.8	98.9	106.4	101.6	
2004	104.2	105.2	103.8	102.1	110.9	105.4	
2005	102.8	103.9	101.8	100.4	109.0	102.9	
2006	102.8	103.9	101.2	99.2	109.1	102.3	
2007	106.3	106.8	103.3	100.8	112.7	104.5	
2008	110.1	109.7	105.5	104.7	117.4	106.9	
2009	111.6	110.6	106.6	108.3	120.5	108.0	
2010	104.4	102.9	98.5	100.7	111.9	99.0	
2011	104.2	101.9	96.7	99.1	112.7	98.5	
2012	98.5	96.7	91.1	93.4	107.5	93.7	
2013	102.0	99.8	94.1	96.3	112.2	96.8	
2014	102.3	99.1	94.0	96.5	114.5	97.1	
2015	92.5	89.5	85.5	85.9	106.1	88.6	
2016	95.2	91.4	87.8	p 87.2	110.1	90.6	
2017	97.4	93.4	88.9	p 87.9	112.4	91.8	
2018	99.9	95.5	90.4	p 89.5	117.3	95.0	
2019	98.1	93.1	88.7	p 87.0	115.4	92.4	
2020	99.6	93.5	89.3	p 87.6	119.4	p 93.9	
2021	99.6	93.4	p 88.6	p 85.4	120.8	p 94.2	
2020 Apr.	98.1	92.5			117.5	p 93.0	
May	98.3	92.6	88.7	p 87.4	117.5	p 92.9	
June	99.7	93.8			119.1	p 94.0	
July	100.4	94.4			120.3	p 94.8	
Aug.	101.5	94.9	90.2	p 88.3	122.4	p 95.9	
Sep.	101.5	94.9			122.4	p 95.8	
Oct.	101.3	94.7			122.4	p 95.7	
Nov.	100.6	94.3	90.4	p 87.7	121.6	p 95.1	
Dec.	101.8	95.2			122.9	p 96.0	
2021 Jan.	101.3	95.2			122.4	p 96.0	
Feb.	100.6	94.5	90.1	p 87.7	121.5	p 95.1	
Mar.	100.3	94.0			121.2	p 94.7	
Apr.	100.6	94.2			121.9	p 95.1	
May	100.8	94.3	89.3	p 85.6	122.3	p 95.2	
June	100.2	93.7			121.5	p 94.5	
July	99.7	93.5			120.8	p 94.3	
Aug.	99.3	93.2	p 88.5	p 84.9	120.4	p 93.9	
Sep.	99.4	93.3			120.4	p 93.8	
Oct.	98.4	92.4			119.5	p 93.1	
Nov.	97.6	91.7	p 86.5	p 83.6	118.8	p 92.6	
Dec.	97.1	91.2			119.0	p 92.4	
2022 Jan.	96.6	91.2			118.6	p 92.3	
Feb.	96.9	p 91.6	...	...	118.9	p 92.7
Mar.	95.9	p 90.8			118.5	p 91.7	
2022 Mar. 14	95.7	—	—	—	118.3	—	
15	96.0	—	—	—	118.7	—	
16	95.7	—	—	—	118.4	—	
17	96.1	—	—	—	118.8	—	
18	95.9	—	—	—	118.5	—	
21	95.9	—	—	—	118.5	—	
22	95.7	—	—	—	118.3	—	
23	95.6	—	—	—	118.2	—	
24	95.6	—	—	—	118.2	—	
25	95.7	—	—	—	118.2	—	
28	95.7	—	—	—	118.2	—	
29	96.2	—	—	—	118.8	—	
30	96.3	—	—	—	118.9	—	
31	96.1	—	—	—	118.7	—	
Apr. 1	95.9	—	—	—	118.4	—	
4	95.6	—	—	—	118.0	—	
5	95.2	—	—	—	117.5	—	
6	95.2	—	—	—	117.5	—	
7	95.3	—	—	—	117.6	—	
8	95.0	—	—	—	117.2	—	
11	95.3	—	—	—	117.7	—	
12	95.1	—	—	—	117.3	—	
13	94.9	—	—	—	117.0	—	

* 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 the 19 respectively 42 most important trading partners for the euro area economy. ² The ECB suspends the publication and calculation of the euro foreign exchange reference rate against Russian

rouble with effect from 2 March 2022 until further notice. For the calculation of nominal effective exchange rates, the euro foreign exchange reference rate of March 1, 2022 is used for the Russian Federation from that date. For the calculation of real effective exchange rates as of February 2022, the monthly average of the February 2022 euro foreign exchange reference rate and the February 2022 consumer price index are used for the Russian Federation.

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 3}	
	Total	of which:			Total	of which:				
		Euro area countries	Non-euro area countries			Euro area countries	Non-euro area countries			
2000	92.0	97.5	85.5	91.2	93.1	99.0	86.1	92.3	91.2	
2001	91.7	96.6	86.0	90.5	93.0	98.1	86.9	91.7	91.1	
2002	92.4	95.7	88.5	91.1	93.5	96.9	89.4	92.2	91.9	
2003	95.9	94.8	97.6	95.3	97.0	95.7	99.0	96.7	96.9	
2004	96.2	93.6	100.0	95.6	98.5	95.4	102.8	98.2	98.5	
2005	94.8	92.0	98.8	93.3	98.4	95.2	103.1	97.1	96.8	
2006	93.5	90.4	98.2	91.6	98.6	94.8	104.0	96.7	96.1	
2007	94.5	89.6	102.0	92.0	100.9	95.1	109.6	98.3	97.4	
2008	94.9	88.3	105.2	91.3	102.4	94.5	114.6	98.4	97.6	
2009	95.2	89.2	104.7	92.0	101.9	94.4	113.5	98.6	98.0	
2010	92.5	88.7	98.2	88.2	98.8	94.0	105.7	94.3	92.6	
2011	92.1	88.5	97.6	87.4	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	88.8	97.5	86.7	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	90.3	88.9	83.6	94.4	94.1	94.4	87.8	87.0	
2016	90.7	90.8	90.5	84.9	95.0	94.1	96.1	88.8	88.2	
2017	91.9	90.9	93.3	85.7	96.3	94.3	99.2	89.9	89.0	
2018	93.2	91.0	96.4	86.7	97.7	94.4	102.4	91.1	90.9	
2019	92.2	91.2	93.5	85.8	96.4	94.3	99.2	89.9	89.5	
2020	92.1	91.3	93.3	86.2	96.4	94.2	99.5	90.1	90.3	
2021	93.3	91.8	95.4	86.6	97.4	94.8	100.9	90.7	^p 91.1	
2018 Oct.					97.3	94.5	101.4	91.2	91.1	
2018 Nov.	93.0	91.4	95.3	86.7	97.3	94.7	101.0	91.1	90.9	
2018 Dec.					97.1	94.4	100.9	90.8	90.6	
2019 Jan.					96.8	94.3	100.3	90.4	90.1	
2019 Feb.	92.2	90.8	94.1	85.7	96.5	94.1	99.9	90.0	89.6	
2019 Mar.					96.2	93.9	99.2	89.6	89.2	
2019 Apr.					96.5	94.3	99.4	89.8	89.4	
2019 May	92.2	91.1	93.8	85.7	96.7	94.5	99.6	90.2	89.8	
2019 June					96.8	94.4	100.2	90.3	89.9	
2019 July					96.7	94.5	99.7	90.1	89.5	
2019 Aug.	92.2	91.3	93.4	86.0	96.5	94.3	99.5	90.3	89.8	
2019 Sep.					96.1	94.4	98.4	89.9	89.4	
2019 Oct.					96.1	94.3	98.5	89.8	89.2	
2019 Nov.	92.1	91.5	92.8	85.9	95.9	94.4	97.9	89.4	88.9	
2019 Dec.					95.8	94.3	97.8	89.4	88.8	
2020 Jan.					95.9	94.5	97.6	89.1	88.5	
2020 Feb.	91.7	91.4	92.0	85.5	95.4	94.5	96.5	88.7	88.1	
2020 Mar.					96.3	94.5	98.7	90.0	90.0	
2020 Apr.					96.2	94.8	98.1	90.1	90.3	
2020 May	91.2	91.2	91.2	85.8	96.3	94.8	98.2	90.2	90.3	
2020 June					97.0	94.7	100.1	90.8	90.9	
2020 July					96.0	93.5	99.6	90.0	90.3	
2020 Aug.	92.6	91.3	94.5	86.8	97.0	94.1	101.0	90.8	91.4	
2020 Sep.					96.8	93.9	100.9	90.6	91.2	
2020 Oct.					96.7	93.8	100.7	90.5	91.1	
2020 Nov.	93.0	91.3	95.5	86.8	96.5	93.7	100.5	90.1	90.6	
2020 Dec.					96.9	93.6	101.8	90.5	90.9	
2021 Jan.					98.0	94.7	102.7	91.4	91.8	
2021 Feb.	93.2	91.5	95.6	86.8	98.0	95.0	102.2	91.2	91.6	
2021 Mar.					97.7	94.9	101.6	91.1	91.4	
2021 Apr.					97.9	94.9	102.1	91.2	91.7	
2021 May	92.9	91.1	95.5	86.4	98.0	95.0	102.4	91.3	91.8	
2021 June					97.9	95.1	101.9	91.1	91.5	
2021 July					97.7	95.2	101.0	91.0	91.3	
2021 Aug.	93.7	92.2	95.9	87.0	97.3	95.1	100.5	90.7	91.0	
2021 Sep.					97.4	95.0	100.7	90.7	^p 90.9	
2021 Oct.					96.7	94.6	99.4	90.0	^p 90.3	
2021 Nov.	93.4	92.5	94.6	86.4	96.2	94.4	98.5	89.5	^p 89.9	
2021 Dec.					95.8	94.2	97.9	89.0	^p 89.6	
2022 Jan.					^p 96.0	^p 94.3	98.3	^p 89.1	^p 89.6	
2022 Feb.	...	...	...	...	^p 96.1	^p 94.1	98.7	^p 89.1	^p 89.6
2022 Mar.					^p 96.9	^p 95.3	^p 98.9	^p 90.2	^p 90.9	

* 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. ³ As of March 2022, for the Russian Federation a monthly average indicative rate is used. It is calculated from the daily RUB/USD rates determined by the Bank of Russia in conjunction with the respective ECB's euro foreign exchange reference rate to the US dollar.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries

Country ¹ Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month			
					January 2022	February 2022	March 2022	
Afghanistan								
Kabul	Afghani = 100 puls	B	USD 1 =	AFN 84.6650	AFN 100.5813	AFN 91.6563	AFN 88.6536	
		S	USD 1 =	AFN 84.7650	AFN 100.6813	AFN 91.7563	AFN 88.7536	
	AFN	B	EUR 1 =	AFN 98.5505	AFN 112.0305	AFN 102.9950	AFN 97.5100	
		S	EUR 1 =	AFN 98.8105	AFN 112.2905	AFN 103.2550	AFN 97.7700	
	Albania							
	Tirana	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 103.55	ALL 108.18	ALL 108.52	ALL 109.28
M			EUR 1 =	ALL 122.44	ALL 120.90	ALL 121.32	ALL 121.62	
Algeria								
Algiers	Algerian dinar = 100 centimes	B	USD 1 =	DZD 135.0950	DZD 140.4055	DZD 141.3204	DZD 142.6596	
		S	USD 1 =	DZD 135.1100	DZD 140.4205	DZD 141.3354	DZD 142.6746	
	DZD	B	EUR 1 =	DZD 159.7263	DZD 156.6785	DZD 157.8832	DZD 158.2095	
		S	EUR 1 =	DZD 159.7809	DZD 156.7093	DZD 157.9423	DZD 158.2547	
	Angola							
	Luanda	Kwanza = 100 cêntimos	B	USD 1 =	AOA .	AOA .	AOA 491.0660	AOA 440.1450
S			USD 1 =	AOA .	AOA .	AOA 502.1340	AOA 452.7320	
M			USD 1 =	AOA 618.5901	AOA 529.0920	AOA 496.6000	AOA 446.4385	
AOA		B	EUR 1 =	AOA .	AOA .	AOA 550.4610	AOA 488.0450	
		S	EUR 1 =	AOA .	AOA .	AOA 562.9210	AOA 502.0480	
		M	EUR 1 =	AOA 731.6493	AOA 590.5190	AOA 556.6910	AOA 495.0465	
Antigua and Barbuda								
St John's	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 2.9990	XCD 3.0105	XCD 2.9842	
		V, S	EUR 1 =	XCD 3.2133	XCD 3.0310	XCD 3.0427	XCD 3.0160	
Argentina ¹								
Buenos Aires	Argentine peso = 100 centavos	B	USD 1 =	ARS 94.9607	ARS 104.8200	ARS 107.2500	ARS 110.8100	
		S	USD 1 =	ARS 95.1607	ARS 105.0200	ARS 107.4500	ARS 111.0100	
	ARS	B	EUR 1 =	ARS 112.1389	ARS 117.5137	ARS 120.4632	ARS 122.6223	
		S	EUR 1 =	ARS 112.6132	ARS 118.0005	ARS 120.9565	ARS 123.1212	
	Armenia							
	Yerevan	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 502.79	AMD 482.78	AMD 483.92	AMD 485.91
M			EUR 1 =	AMD 595.28	AMD 539.55	AMD 540.97	AMD 539.21	
Aruba								
Oranjestad	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 198.76	AWG 199.05	AWG 197.71	
		S	EUR 100 =	AWG 212.56	AWG 200.75	AWG 201.05	AWG 199.69	

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	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Australia							
Canberra	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.7514	USD 0.7011	USD 0.7182	USD 0.7482
		M	AUD 1 =	EUR 0.6346	EUR 0.6281	EUR 0.6444	EUR 0.6704
Austria							
Vienna	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101
Azerbaijan							
Baku	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 1.8974	AZN 1.8950	AZN 1.8975
Bahamas							
Nassau	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 1.11002	BSD 1.11430	BSD 1.10455
		V, S	EUR 1 =	BSD 1.19748	BSD 1.12955	BSD 1.13390	BSD 1.12398
Bahrain							
Manama	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 0.4191990	BHD 0.4205150	BHD 0.4197250
Bangladesh ¹							
Dhaka	Taka = 100 poisha BDT	B	USD 1 =	BDT 85.1309	BDT 86.0000	BDT 86.0000	BDT 86.2000
		S	USD 1 =	BDT 85.1410	BDT 86.0000	BDT 86.0000	BDT 86.2000
		B	EUR 1 =	BDT 100.4158	BDT 95.8298	BDT 96.8962	BDT 96.1647
		S	EUR 1 =	BDT 100.4638	BDT 95.8642	BDT 96.9306	BDT 96.1992
Barbados							
Bridgetown	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 2.22083	BBD 2.24134	BBD 2.22212
		S	EUR 1 =	BBD 2.39797	BBD 2.26247	BBD 2.28336	BBD 2.26378
Belarus							
Minsk	Belarusian rouble = 100 kopecks BYN	M	USD 1 =	BYN 2.5377	BYN 2.6149	BYN 2.7597	BYN 3.3109 ³
		M	EUR 1 =	BYN 3.0020	BYN 2.9113	BYN 3.0873	BYN 3.6499 ³

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 Exchange rate as of 17 March 2022.

IV. Overview of world currencies *

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

Country 1 Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Belgium							
Brussels	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101
Belize							
Belmopan	Belize dollar = 100 cents	2 B	USD 1 =	BZD 1.9825	BZD 1.9825	BZD 1.9825	BZD 1.9825
		2 S	USD 1 =	BZD 2.0175	BZD 2.0175	BZD 2.0175	BZD 2.0175
	B	EUR 1 =	BZD 2.3422	BZD 2.2196	BZD 2.2236	BZD 2.1954	
	S	EUR 1 =	BZD 2.3835	BZD 2.2588	BZD 2.2628	BZD 2.2342	
Benin 1							
Porto-Novo Seat of government: Cotonou	CFA franc	B	USD 1 =	XOF 551.75	XOF 584.25	XOF 583.25	XOF 584.50
		S	USD 1 =	XOF 558.75	XOF 591.25	XOF 590.25	XOF 591.50
	3	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957	
Bermuda							
Hamilton	Bermudian dollar = 100 cents	2 B	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
		2 S	USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
	V, B	EUR 1 =	BMD 1.1780	BMD 1.1111	BMD 1.1154	BMD 1.1057	
	V, S	EUR 1 =	BMD 1.1878	BMD 1.1204	BMD 1.1247	BMD 1.1149	
Bhutan 1							
Thimphu	Ngultrum = 100 chhetrum	B	USD 1 =	BTN 72.73	BTN 73.95	BTN 74.55	BTN 74.80
		S	USD 1 =	BTN 74.98	BTN 76.25	BTN 76.90	BTN 77.15
	B	EUR 1 =	BTN 85.82	BTN 82.25	BTN 82.55	BTN 83.20	
	S	EUR 1 =	BTN 88.20	BTN 84.50	BTN 84.90	BTN 85.55	
Bolivia, Plurinational State of							
Sucre Seat of government: La Paz	Boliviano = 100 centavos	B	USD 1 =	BOB 6.86	BOB 6.86	BOB 6.86	BOB 6.86
		S	USD 1 =	BOB 6.96	BOB 6.96	BOB 6.96	BOB 6.96
	V, B	EUR 1 =	BOB 8.1115	BOB 7.6530	BOB 7.6825	BOB 7.6153	
	BOB	V, S	EUR 1 =	BOB 8.2297	BOB 7.7646	BOB 7.7945	BOB 7.7263
Bosnia and Herzegovina							
Sarajevo	Convertible marka = 100 feninga	B	USD 1 =	BAM 1.652476	BAM 1.751607	BAM 1.739427	BAM 1.753496
		S	USD 1 =	BAM 1.660759	BAM 1.760387	BAM 1.748145	BAM 1.762286
	3	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583	
Botswana							
Gaborone	Pula = 100 thebe	B	BWP 1 =	USD 0.0899	USD 0.0857	USD 0.0859	USD 0.0875
		S	BWP 1 =	USD 0.0897	USD 0.0855	USD 0.0857	USD 0.0873
	B	BWP 1 =	EUR 0.0761	EUR 0.0768	EUR 0.0767	EUR 0.0788	
	S	BWP 1 =	EUR 0.0759	EUR 0.0766	EUR 0.0765	EUR 0.0786	

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 Exchange rate as of 7 March 2022.

IV. Overview of world currencies *

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

Country ¹ Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Brazil							
Brasília	Brazilian real = 100 centavos	B	USD 1 =	BRL 5.3949	BRL 5.3568	BRL 5.1388	BRL 4.7372
		S	USD 1 =	BRL 5.3956	BRL 5.3574	BRL 5.1394	BRL 4.7378
	BRL	B	EUR 1 =	BRL 6.3727	BRL 6.0060	BRL 5.7776	BRL 5.2550
		S	EUR 1 =	BRL 6.3752	BRL 6.0073	BRL 5.7803	BRL 5.2561
Brunei Darussalam ¹							
Bandar Seri Begawan	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3349	BND 1.3475	BND 1.3451	BND 1.3440
		S	USD 1 =	BND 1.3524	BND 1.3648	BND 1.3627	BND 1.3614
	BND	B	EUR 1 =	BND 1.5607	BND 1.4861	BND 1.4995	BND 1.4853
		S	EUR 1 =	BND 1.6152	BND 1.5401	BND 1.5543	BND 1.5399
Bulgaria							
Sofia	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.65458	BGN 1.75316	BGN 1.74643	BGN 1.76185
		2	EUR 1 =	BGN 1.95583	BGN 1.95583	BGN 1.95583	BGN 1.95583
Burkina Faso ¹							
Ouagadougou	CFA franc	B	USD 1 =	XOF 551.75	XOF 584.25	XOF 583.25	XOF 584.50
		S	USD 1 =	XOF 558.75	XOF 591.25	XOF 590.25	XOF 591.50
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Burundi							
Gitega	Burundi franc = 100 centimes	B	USD 1 =	BIF 1,958.5533	BIF 1,990.8504	BIF 1,995.2163	BIF 2,000.1465
		S	USD 1 =	BIF 1,998.1200	BIF 2,031.0696	BIF 2,035.5237	BIF 2,040.5535
	BIF	B	EUR 1 =	BIF 2,313.7970	BIF 2,222.8840	BIF 2,225.2648	BIF 2,233.1636
		S	EUR 1 =	BIF 2,360.5404	BIF 2,267.7908	BIF 2,270.2196	BIF 2,278.2780
Cabo Verde							
Praia	Cabo Verde escudo = 100 centavos	B	USD 1 =	CVE 93.355	CVE 98.898	CVE 98.209	CVE 99.005
		S	USD 1 =	CVE 93.557	CVE 99.100	CVE 98.411	CVE 99.207
	CVE	2	EUR 1 =	CVE 110.265	CVE 110.265	CVE 110.265	CVE 110.265
Cambodia							
Phnom Penh	Riel = 100 sen	M	USD 1 =	KHR 4,068	KHR 4,066	KHR 4,066	KHR 4,050
		B	EUR 1 =	KHR 4,804	KHR 4,534	KHR 4,546	KHR 4,521
	KHR	S	EUR 1 =	KHR 4,852	KHR 4,579	KHR 4,592	KHR 4,566
Cameroon ¹							
Yaoundé	CFA franc	B	USD 1 =	XAF 552.0688	XAF 584.7758	XAF 580.9286	XAF 585.0009
		S	USD 1 =	XAF 556.8834	XAF 588.3814	XAF 587.6750	XAF 592.4842
	XAF	2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Canada							
Ottawa	Canadian dollar = 100 cents CAD	M	USD 1 =	CAD 1.2535	CAD 1.2719	CAD 1.2698	CAD 1.2496
		M	EUR 1 =	CAD 1.4798	CAD 1.4260	CAD 1.4238	CAD 1.3853

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	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Cayman Islands							
George Town	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 0.9297	KYD 0.9333	KYD 0.9251
	KYD						
Central African Republic ¹							
Bangui	CFA franc	B	USD 1 =	XAF 552.0688	XAF 584.7758	XAF 580.9286	XAF 585.0009
		S	USD 1 =	XAF 556.8834	XAF 588.3814	XAF 587.6750	XAF 592.4842
	XAF	3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chad ¹							
N'Djaména	CFA franc	B	USD 1 =	XAF 552.0688	XAF 584.7758	XAF 580.9286	XAF 585.0009
		S	USD 1 =	XAF 556.8834	XAF 588.3814	XAF 587.6750	XAF 592.4842
	XAF	3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chile							
Santiago	Chilean peso = 100 centavos	M	USD 1 =	CLP 759.27	CLP 810.12	CLP 805.25	CLP 787.16
		M	EUR 1 =	CLP 897.37	CLP 903.85	CLP 905.69	CLP 878.04
CLP							
China							
Beijing	Chinese renminbi ⁴ 1 yuan (renminbi) = 10 jiao = 100 fen	M	USD 1 =	CNY 6.4515	CNY 6.3746	CNY 6.3222	CNY 6.3482
		M	EUR 1 =	CNY 7.6186	CNY 7.1030	CNY 7.0659	CNY 7.0847
		M	HKD 1 =	CNY 0.82956	CNY 0.81824	CNY 0.80932	CNY 0.81101
CNY							
China (Taiwan)							
Taipei	New Taiwan dollar = 100 cents	B	USD 1 =	TWD 27.948	TWD 27.775	TWD 27.975	TWD 28.575
		S	USD 1 =	TWD 28.048	TWD 27.875	TWD 28.075	TWD 28.675
	TWD	B	EUR 1 =	TWD 32.91	TWD 30.79	TWD 31.22	TWD 31.72
	S	EUR 1 =	TWD 33.31	TWD 31.19	TWD 31.62	TWD 32.12	
Colombia							
Bogotá	Colombian peso = 100 centavos	M	USD 1 =	COP 3,745.89	COP 3,982.60	COP 3,910.64	COP 3,748.15
		V, M	EUR 1 =	COP 4,427.750	COP 4,442.989	COP 4,379.526	COP 4,160.821
COP							
Comoros							
Moroni	Comorian franc = 100 centimes	V	USD 1 =	KMF 554.47610	KMF 440.98938	KMF 439.29614	KMF 443.17426
		3	EUR 1 =	KMF 491.96775	KMF 491.96775	KMF 491.96775	KMF 491.96775
KMF							
Congo ¹							
Brazzaville	CFA franc	B	USD 1 =	XAF 552.0688	XAF 584.7758	XAF 580.9286	XAF 585.0009
		S	USD 1 =	XAF 556.8834	XAF 588.3814	XAF 587.6750	XAF 592.4842
	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	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Congo, Democratic Republic of the							
Kinshasa	Congo franc = 100 centimes	B	USD 1 =	CDF 1,949.9472	CDF 1,959.1116	CDF 1,960.1392	CDF 1,959.7558
		S	USD 1 =	CDF 2,029.5369	CDF 2,039.0753	CDF 2,040.1449	CDF 2,039.7459
	CDF	B	EUR 1 =	CDF 2,291.5890	CDF 2,186.4281	CDF 2,223.9894	CDF 2,181.6254
		S	EUR 1 =	CDF 2,385.1233	CDF 2,275.6701	CDF 2,314.7645	CDF 2,270.6713
Cook Islands ¹							
Avarua	Cook Islands dollar ² = 100 cents NZD	B	NZD 1 =	EUR 0.6094	EUR 0.5994	EUR 0.6106	EUR 0.6349
		S	NZD 1 =	EUR 0.5865	EUR 0.5768	EUR 0.5875	EUR 0.6110
Costa Rica							
San José	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 619.28	CRC 638.97	CRC 641.53	CRC 660.48
		S	USD 1 =	CRC 625.65	CRC 646.20	CRC 647.34	CRC 667.10
	CRC	V, B	EUR 1 =	CRC 731.5009	CRC 712.8349	CRC 718.4494	CRC 733.1988
		V, S	EUR 1 =	CRC 739.0335	CRC 720.9007	CRC 724.9561	CRC 740.5477
Côte d'Ivoire ¹							
Yamoussoukro Seat of government: Abidjan	CFA franc	B	USD 1 =	XOF 551.75	XOF 584.25	XOF 583.25	XOF 584.50
		S	USD 1 =	XOF 558.75	XOF 591.25	XOF 590.25	XOF 591.50
	XOF	3	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Croatia							
Zagreb	Kuna = 100 lipa	B	USD 1 =	HRK 6.346188	HRK 6.740214	HRK 6.727315	HRK 6.785800
		S	USD 1 =	HRK 6.384379	HRK 6.780776	HRK 6.767801	HRK 6.826638
	HRK	B	EUR 1 =	HRK 7.501896	HRK 7.505902	HRK 7.520466	HRK 7.553953
		S	EUR 1 =	HRK 7.547043	HRK 7.551072	HRK 7.565724	HRK 7.599413
Cuba ¹							
Havana	Cuban peso = 100 centavos	4 B	USD 1 =	CUP 23.76	CUP 23.76	CUP 23.76	CUP 23.76
		4 S	USD 1 =	CUP 24.24	CUP 24.24	CUP 24.24	CUP 24.24
	CUP	B	EUR 1 =	CUP 28.08531	CUP 26.49002	CUP 26.61358	CUP 26.50666
		S	EUR 1 =	CUP 28.65269	CUP 27.02518	CUP 27.15122	CUP 27.04214
Curaçao							
Willemstad	Netherlands Antillean guilder = 100 cents	4 B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		4 S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 210.45	ANG 198.77	ANG 199.69	ANG 197.71
		S	EUR 100 =	ANG 214.69	ANG 202.77	ANG 203.72	ANG 201.70
Cyprus							
Nicosia	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101
Czechia							
Prague	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 21.682	CZK 21.840	CZK 22.325	CZK 21.963
		M	EUR 1 =	CZK 25.648	CZK 24.365	CZK 24.995	CZK 24.385

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Parity in relation to the New Zealand dollar. ³ Value against the euro. ⁴ Value against the US dollar.

IV. Overview of world currencies *

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

Country ¹ Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Denmark							
Copenhagen	Danish krone = 100 øre DKK	M	USD 100 =	DKK 629.18	DKK 667.08	DKK 664.38	DKK 670.02
		M	EUR 100 =	DKK 743.68	DKK 744.19	DKK 744.04	DKK 743.79
Djibouti							
Djibouti	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 206.82	DJF 195.88	DJF 196.70	DJF 195.86
		S	EUR 1 =	DJF 215.43	DJF 203.53	DJF 206.42	DJF 203.51
Dominica							
Roseau	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 2.9990	XCD 3.0105	XCD 2.9842
		V, S	EUR 1 =	XCD 3.2133	XCD 3.0310	XCD 3.0427	XCD 3.0160
Dominican Republic							
Santo Domingo	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 56.4066	DOP 56.8006	DOP 54.0466	DOP 54.3050
		S	USD 1 =	DOP 57.5248	DOP 57.9304	DOP 56.0876	DOP 55.5296
		B	EUR 1 =	DOP 65.9005	DOP 63.1837	DOP 59.9926	DOP 59.3204
		S	EUR 1 =	DOP 69.5595	DOP 66.9587	DOP 64.2681	DOP 62.9379
Egypt ¹							
Cairo	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 15.63	EGP 15.64	EGP 15.64	EGP 18.24 ¹
		S	USD 1 =	EGP 15.73	EGP 15.74	EGP 15.74	EGP 18.34 ¹
		B	EUR 1 =	EGP 18.4380	EGP 17.4214	EGP 17.3964	EGP 20.1899 ¹
		S	EUR 1 =	EGP 18.6426	EGP 17.6257	EGP 17.6792	EGP 20.5115 ¹
El Salvador ¹							
San Salvador	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 9.7615	SVC 9.7991	SVC 9.7134
Equatorial Guinea ¹							
Malabo	CFA franc XAF	B	USD 1 =	XAF 552.0688	XAF 584.7758	XAF 580.9286	XAF 585.0009
		S	USD 1 =	XAF 556.8834	XAF 588.3814	XAF 587.6750	XAF 592.4842
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Eritrea							
Asmara	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 16.7385	ERN 16.7595	ERN 16.4820
		S	EUR 1 =	ERN 18.3802	ERN 17.3747	ERN 17.3957	ERN 17.1182
Estonia							
Tallinn	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101

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	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Eswatini ¹							
Mbabane	Lilangeni = 100 cents	B	USD 1 =	SZL 14.9300	SZL 15.5720	SZL 15.3728	SZL 14.4767
		S	USD 1 =	SZL 14.9386	SZL 15.6278	SZL 15.3855	SZL 14.4831
	SZL	B	EUR 1 =	SZL 17.6211	SZL 17.3378	SZL 17.1531	SZL 16.1724
		S	EUR 1 =	SZL 17.6331	SZL 17.4425	SZL 17.1715	SZL 16.1818
Ethiopia							
Addis Ababa	Birr = 100 cents	B	USD 1 =	ETB 44.1351	ETB 49.7983	ETB 50.7790	ETB 50.9867
		S	USD 1 =	ETB 45.0178	ETB 50.7943	ETB 51.7946	ETB 52.0064
	ETB	B	EUR 1 =	ETB 52.0705	ETB 55.4155	ETB 56.7049	ETB 56.7074
		S	EUR 1 =	ETB 53.1119	ETB 56.5238	ETB 57.8390	ETB 57.8415
Falkland Islands (Islas Malvinas)							
Stanley	Falkland Islands pound ² = 100 pence FKP	V	USD 1 =	FKP 0.72681	FKP 0.74537	FKP 0.74605	FKP 0.76205
		V	EUR 1 =	FKP 0.85960	FKP 0.83153	FKP 0.83550	FKP 0.84595
Fiji							
Suva	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4911	USD 0.4705	USD 0.4757	USD 0.4866
		S	FJD 1 =	USD 0.4741	USD 0.4535	USD 0.4587	USD 0.4696
	FJD	B	FJD 1 =	EUR 0.4137	EUR 0.4201	EUR 0.4251	EUR 0.4339
		S	FJD 1 =	EUR 0.4017	EUR 0.4081	EUR 0.4131	EUR 0.4219
Finland							
Helsinki	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101
France							
Paris	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101
Gabon ¹							
Libreville	CFA franc	B	USD 1 =	XAF 552.0688	XAF 584.7758	XAF 580.9286	XAF 585.0009
		S	USD 1 =	XAF 556.8834	XAF 588.3814	XAF 587.6750	XAF 592.4842
	XAF	3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Gambia							
Banjul	Dalasi = 100 bututs GMD	M	USD 1 =	GMD 51.51	GMD 52.56	GMD 52.85	GMD 52.91
		M	EUR 1 =	GMD 60.85	GMD 59.99	GMD 60.14	GMD 60.17
Georgia							
Tbilisi	Lari = 100 tetri GEL	M	USD 1 =	GEL 3.2239	GEL 3.0521	GEL 3.1540	GEL 3.1013
		M	EUR 1 =	GEL 3.8152	GEL 3.3994	GEL 3.5255	GEL 3.4496

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	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Germany							
Berlin	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101
Ghana							
Accra	Ghana cedi = 100 Ghana pesewas GHS	B S	USD 1 =	GHS 5.8147	GHS 6.0206	GHS 6.5971	GHS 7.1086
			USD 1 =	GHS 5.8206	GHS 6.0266	GHS 6.6037	GHS 7.1158
		B S	EUR 1 =	GHS 6.8619	GHS 6.7472	GHS 7.4063	GHS 7.8940
			EUR 1 =	GHS 6.8688	GHS 6.7539	GHS 7.4136	GHS 7.9031
Gibraltar							
Gibraltar	Gibraltar pound ² = 100 pence GIP	V V	USD 1 =	GIP 0.72681	GIP 0.74537	GIP 0.74605	GIP 0.76205
			EUR 1 =	GIP 0.85960	GIP 0.83153	GIP 0.83550	GIP 0.84595
Greece							
Athens	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101
Grenada							
St George's	East Caribbean dollar = 100 cents XCD	3 B 3 S	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
			USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
		V, B V, S	EUR 1 =	XCD 3.1793	XCD 2.9990	XCD 3.0105	XCD 2.9842
			EUR 1 =	XCD 3.2133	XCD 3.0310	XCD 3.0427	XCD 3.0160
Guatemala							
Guatemala City	Quetzal = 100 centavos GTQ	M V, M	USD 1 =	GTQ 7.73242	GTQ 7.68981	GTQ 7.71322	GTQ 7.68025
			EUR 1 =	GTQ 9.13640	GTQ 8.57875	GTQ 8.63804	GTQ 8.52585
Guinea							
Conakry	Guinean franc GNF	M M	USD 1 =	GNF 9,723.6035	GNF 9,009.1034	GNF 8,887.9246	GNF 8,801.2976
			EUR 1 =	GNF 11,495.2927	GNF 10,034.3450	GNF 9,968.6960	GNF 9,792.3196
Guinea-Bissau ¹							
Bissau	CFA franc XOF	B S	USD 1 =	XOF 551.75	XOF 584.25	XOF 583.25	XOF 584.50
			USD 1 =	XOF 558.75	XOF 591.25	XOF 590.25	XOF 591.50
		4	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Guyana							
Georgetown	Guyana dollar = 100 cents GYD	B S	USD 1 =	GYD 207.98	GYD 207.98	GYD 207.98	GYD 207.98
			USD 1 =	GYD 210.45	GYD 210.45	GYD 210.45	GYD 210.45
		B S	EUR 1 =	GYD 245.64	GYD 231.98	GYD 232.71	GYD 230.81
			EUR 1 =	GYD 248.77	GYD 234.95	GYD 235.69	GYD 233.77

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	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Haiti							
Port-au-Prince	Gourde = 100 centimes HTG	M	USD 1 =	HTG 89.8776	HTG 101.6170	HTG 103.2100	HTG 104.8940
		V, M	EUR 1 =	HTG 106.0149	HTG 113.3639	HTG 115.5849	HTG 116.4428
Honduras							
Tegucigalpa	Lempira = 100 centavos HNL	B	USD 1 =	HNL 24.0308	HNL 24.4791	HNL 24.4965	HNL 24.3406
		S	USD 1 =	HNL 24.1990	HNL 24.6505	HNL 24.6680	HNL 24.5110
	V, B	EUR 1 =	HNL 28.3919	HNL 27.3089	HNL 27.4336	HNL 27.0205	
	V, S	EUR 1 =	HNL 28.5906	HNL 27.5001	HNL 27.6257	HNL 27.2097	
Hong Kong							
Hong Kong	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.74263	HKD 7.76730	HKD 7.78340	HKD 7.79900
		S	USD 1 =	HKD 7.80440	HKD 7.82910	HKD 7.84520	HKD 7.86080
	B	EUR 1 =	HKD 9.11766	HKD 8.64400	HKD 8.66590	HKD 8.67060	
	S	EUR 1 =	HKD 9.26113	HKD 8.78690	HKD 8.80880	HKD 8.81350	
Hungary							
Budapest	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 303.29	HUF 320.46	HUF 330.80	HUF 332.09
		M	EUR 1 =	HUF 358.85	HUF 358.11	HUF 369.80	HUF 369.62
Iceland							
Reykjavik	Icelandic krona ISK	M	USD 1 =	ISK 126.865	ISK 128.36	ISK 126.62	ISK 127.92
		M	EUR 1 =	ISK 149.360	ISK 143.20	ISK 141.80	ISK 142.00
India ¹							
New Delhi	Indian rupee = 100 paise INR	M	USD 1 =	INR 73.9236	INR 74.9674	INR 75.4882	INR 75.8071
		M	EUR 1 =	INR 87.2595	INR 83.7026	INR 84.2614	INR 84.6599
Indonesia							
Jakarta	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 14,244.17	IDR 14,309.10	IDR 14,299.15	IDR 14,277.26
		S	USD 1 =	IDR 14,387.33	IDR 14,452.91	IDR 14,442.86	IDR 14,420.75
	B	EUR 1 =	IDR 16,855.79	IDR 15,936.04	IDR 16,069.38	IDR 15,920.57	
	S	EUR 1 =	IDR 17,029.16	IDR 16,101.99	IDR 16,236.66	IDR 16,086.35	
Iran, Islamic Republic of ¹							
Tehran	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 46,830	IRR 47,334	IRR 46,888
		³ M	USD 1 =	IRR 264,425	IRR 281,000	IRR 262,300	IRR 270,000
		³ M	EUR 1 =	IRR 311,408	IRR 313,750	IRR 294,350	IRR 301,500

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	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Iraq ¹							
Baghdad	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
			USD 1 =	IQD 1,460.00	IQD 1,460.00	IQD 1,460.00	
		B	EUR 1 =	IQD 1,716.752	IQD 1,617.620	IQD 1,623.855	IQD 1,609.645
			EUR 1 =	IQD 1,728.592	IQD 1,628.776	IQD 1,635.054	IQD 1,620.746
		3 S	USD 1 =	IQD 1,472.492	IQD 1,477.139	IQD 1,468.610	IQD 1,471.685
IQD	V, S	EUR 1 =	IQD 1,739.80	IQD 1,647.90	IQD 1,644.70	IQD 1,633.72	
Ireland							
Dublin	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101
Israel							
Jerusalem	New shekel = 100 agorot ILS	M	USD 1 =	ILS 3.2293	ILS 3.1950	ILS 3.2380	ILS 3.1760
		M	EUR 1 =	ILS 3.8217	ILS 3.5647	ILS 3.6273	ILS 3.5236
Italy							
Rome	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101
Jamaica							
Kingston	Jamaican dollar = 100 cents	B S	USD 1 =	JMD 150.6347	JMD 155.8909	JMD 154.0945	JMD 152.8918
			USD 1 =	JMD 151.7728	JMD 156.7824	JMD 155.8682	JMD 154.1286
	JMD	B S	EUR 1 =	JMD 173.5355	JMD 171.0063	JMD 174.1844	JMD 164.8638
			EUR 1 =	JMD 181.5006	JMD 177.3290	JMD 175.1495	JMD 172.9411
Japan							
Tokyo	Japanese yen = 100 sen	B S	USD 1 =	JPY 108.90	JPY 114.44	JPY 114.55	JPY 121.39
			USD 1 =	JPY 110.90	JPY 116.44	JPY 116.55	JPY 123.39
	JPY	B S	EUR 1 =	JPY 128.84	JPY 127.16	JPY 127.84	JPY 135.20
			EUR 1 =	JPY 131.84	JPY 130.16	JPY 130.84	JPY 138.20
Jordan							
Amman	Jordanian dinar = 1,000 fils	2 B 2 S	USD 1 =	JOD 0.7080	JOD 0.7080	JOD 0.7080	JOD 0.7080
			USD 1 =	JOD 0.7100	JOD 0.7100	JOD 0.7100	JOD 0.7100
	JOD	B S	EUR 1 =	JOD 0.83394	JOD 0.78850	JOD 0.78737	JOD 0.78489
			EUR 1 =	JOD 0.84081	JOD 0.79392	JOD 0.79747	JOD 0.79406
Kazakhstan							
Nur-Sultan	Tenge = 100 tiyn KZT	M	USD 1 =	KZT 426.17	KZT 433.83	KZT 467.09	KZT 458.20
		M	EUR 1 =	KZT 503.87	KZT 482.81	KZT 522.21	KZT 510.57

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	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Kenya ¹							
Nairobi	Kenya shilling = 100 cents	B	USD 1 =	KES 109.7793	KES 113.4735	KES 113.7353	KES 114.8512
		S	USD 1 =	KES 109.9793	KES 113.6735	KES 113.9353	KES 115.0512
	KES	B	EUR 1 =	KES 129.5884	KES 127.0988	KES 127.5171	KES 127.6718
		S	EUR 1 =	KES 129.8556	KES 127.3441	KES 127.7735	KES 127.9318
Korea, Democratic People's Republic of ¹							
Pyongyang	North Korean won = 100 chon	B	USD 1 =	.	.	.	.
		S	USD 1 =	.	.	.	.
	KPW	B	EUR 1 =	.	.	.	.
		S	EUR 1 =	.	.	.	.
Korea, Republic of							
Seoul	South Korean won = 100 chon	B	USD 1 =	KRW 1,134.40	KRW 1,197.20	KRW 1,192.70	KRW 1,201.70
		S	USD 1 =	KRW 1,156.75	KRW 1,220.80	KRW 1,216.30	KRW 1,225.30
	KRW	B	EUR 1 =	KRW 1,340.63	KRW 1,343.77	KRW 1,335.55	KRW 1,333.53
		S	EUR 1 =	KRW 1,367.70	KRW 1,370.91	KRW 1,362.53	KRW 1,360.45
Kuwait							
Kuwait	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.30033	KWD 0.30170	KWD 0.30065	KWD 0.30260
		S	USD 1 =	KWD 0.30393	KWD 0.30530	KWD 0.30575	KWD 0.30620
	KWD	B	EUR 1 =	KWD 0.354874	KWD 0.337889	KWD 0.337570	KWD 0.335493
		S	EUR 1 =	KWD 0.359128	KWD 0.341921	KWD 0.343296	KWD 0.339484
Kyrgyzstan							
Bishkek	Kyrgyz som = 100 tyjyn	M	USD 1 =	KGS 84.6925	KGS 84.7992	KGS 89.1007	KGS 83.3090
		M	EUR 1 =	KGS 100.1818	KGS 94.4324	KGS 100.4076	KGS 92.9145
Lao People's Democratic Republic							
Vientiane	Kip	B	USD 1 =	LAK 9,812	LAK 11,426	LAK 11,443	LAK 11,734
		S	USD 1 =	LAK 9,831	LAK 11,448	LAK 11,465	LAK 11,757
	LAK	B	EUR 1 =	LAK 11,579	LAK 12,724	LAK 12,757	LAK 13,092
		S	EUR 1 =	LAK 11,644	LAK 12,817	LAK 12,850	LAK 13,188
Latvia							
Riga	Euro = 100 cent	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101
Lebanon ¹							
Beirut	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 1,684.78	LBP 1,687.19	LBP 1,676.64
	LBP	3 M	USD 1 =	LBP 17,817.00 ⁴	LBP 21,500.00	LBP 20,200.00	LBP 22,100.00
		V, M	EUR 1 =	LBP 20,625.24 ⁴	LBP 23,985.40	LBP 22,621.98	LBP 24,533.21

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	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Lesotho ¹							
Maseru	Loti = 100 lisente LSL	M	USD 1 =	LSL 14.9194	LSL 15.5605	LSL 15.4266	LSL 14.5791
		M	EUR 1 =	LSL 17.6004	LSL 17.3592	LSL 17.2677	LSL 16.1872
Liberia ¹							
Monrovia	Liberian dollar = 100 cents LRD	B	USD 1 =	LRD 164.6458	LRD 151.6604	LRD 153.3835	LRD 151.8828
		S	USD 1 =	LRD 166.1336	LRD 153.5514	LRD 155.1449	LRD 153.5618
		V, B	EUR 1 =	LRD 194.7908	LRD 169.1923	LRD 171.7742	LRD 168.6051
		V, S	EUR 1 =	LRD 196.5456	LRD 171.3019	LRD 173.7468	LRD 170.4690
Libya							
Tripoli	Libyan dinar = 1,000 dirham LYD	B	USD 1 =	LYD 4.5088	LYD 4.6064	LYD 4.6038	LYD 4.6311
		S	USD 1 =	LYD 4.5314	LYD 4.6295	LYD 4.6269	LYD 4.6543
		B	EUR 1 =	LYD 5.3197	LYD 5.1426	LYD 5.1401	LYD 5.1706
		S	EUR 1 =	LYD 5.3464	LYD 5.1684	LYD 5.1659	LYD 5.1965
Lithuania							
Vilnius	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101
Luxembourg							
Luxembourg	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101
Macao ¹							
Macao	Pataca = 100 avos MOP	B	USD 1 =	MOP 8.0001	MOP 8.0257	MOP 8.0402	MOP 8.0569
		S	USD 1 =	MOP 8.0263	MOP 8.0519	MOP 8.0664	MOP 8.0831
		B	EUR 1 =	MOP 9.4482	MOP 8.9607	MOP 8.9656	MOP 8.9846
		S	EUR 1 =	MOP 9.4897	MOP 9.0022	MOP 9.0071	MOP 9.0261
Madagascar							
Antananarivo	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 3,837.78	MGA 3,981.98	MGA 3,981.92	MGA 3,974.97
		M	EUR 1 =	MGA 4,529.18	MGA 4,432.08	MGA 4,446.23	MGA 4,428.91
Malawi							
Lilongwe	Malawi kwacha = 100 tambala MWK	B	USD 1 =	MWK 793.6108	MWK 808.3178	MWK 808.3178	MWK 808.3178
		S	USD 1 =	MWK 809.3864	MWK 824.4826	MWK 824.4826	MWK 824.4826
		B	EUR 1 =	MWK 937.3776	MWK 902.4869	MWK 902.5677	MWK 902.1635
		S	EUR 1 =	MWK 956.0102	MWK 920.5348	MWK 920.6172	MWK 920.2050
Malaysia							
Kuala Lumpur Seat of government: Putrajaya	Malaysian ringgit = 100 sen MYR	B	USD 1 =	MYR 4.0772	MYR 4.1282	MYR 4.1316	MYR 4.1365
		S	USD 1 =	MYR 4.2153	MYR 4.2718	MYR 4.2754	MYR 4.2805
		B	EUR 1 =	MYR 4.8162	MYR 4.5890	MYR 4.6099	MYR 4.5773
		S	EUR 1 =	MYR 4.9977	MYR 4.7696	MYR 4.7913	MYR 4.7575

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	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Maldives							
Malé	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.38	MVR 15.42	MVR 15.40	MVR 15.37
		V, M	EUR 1 =	MVR 18.16588	MVR 17.20255	MVR 17.24646	MVR 17.06224
Mali ¹							
Bamako	CFA franc XOF	B	USD 1 =	XOF 551.75	XOF 584.25	XOF 583.25	XOF 584.50
		S	USD 1 =	XOF 558.75	XOF 591.25	XOF 590.25	XOF 591.50
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Malta							
Valletta	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101
Mauritania							
Nouakchott	Ouguiya MRU	B	USD 1 =	MRU 35.97	MRU 36.14	MRU 36.21	MRU 36.21
		S	USD 1 =	MRU 36.33	MRU 36.50	MRU 36.57	MRU 36.57
		B	EUR 1 =	MRU 42.51	MRU 40.37	MRU 40.60	MRU 40.17
		S	EUR 1 =	MRU 42.94	MRU 40.77	MRU 41.01	MRU 40.57
Mauritius							
Port Louis	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 41.2469	MUR 42.8391	MUR 43.4297	MUR 43.9406
		S	USD 1 =	MUR 42.1464	MUR 43.7393	MUR 44.3293	MUR 44.8400
		B	EUR 1 =	MUR 48.5562	MUR 47.7170	MUR 48.2934	MUR 48.9401
		S	EUR 1 =	MUR 49.8831	MUR 49.0342	MUR 49.6009	MUR 50.2583
Mexico							
Mexico City	Mexican peso = 100 centavos MXN	M	USD 1 =	MXN 20.30618	MXN 20.6134	MXN 20.5212	MXN 19.8911
		V, M	EUR 1 =	MXN 24.12793	MXN 22.9963	MXN 22.9817	MXN 22.0811
Moldova, Republic of							
Chisinau	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 17.67450	MDL 17.9287	MDL 18.1822	MDL 18.3223
		M	EUR 1 =	MDL 20.89660	MDL 19.9609	MDL 20.3369	MDL 20.3891
Mongolia							
Ulan Bator	Togrog = 100 mongo MNT	M	USD 1 =	MNT 2,849.38	MNT 2,850.26	MNT 2,865.73	MNT 2,948.46
		M	EUR 1 =	MNT 3,367.11	MNT 3,184.03	MNT 3,206.75	MNT 3,285.32
Morocco							
Rabat	Moroccan dirham = 100 centimes MAD	M	USD 1 =	MAD 8.9920	MAD 9.4386	MAD 9.5554	MAD 9.6580
		M	EUR 1 =	MAD 10.6331	MAD 10.5354	MAD 10.7173	MAD 10.7233

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	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Mozambique							
Maputo	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 64.46
	MZN	B	EUR 1 =	MZN 76.28	MZN 70.50	MZN 70.77	MZN 70.17
		S	EUR 1 =	MZN 77.80	MZN 71.90	MZN 72.18	MZN 71.57
Myanmar							
Nay Pyi Taw	Kyat = 100 pyas MMK	M	USD 1 =	MMK 1,630.93	MMK 1,778.00	MMK 1,778.00	MMK 1,778.00
		M	EUR 1 =	MMK 1,924.25	MMK 1,986.00	MMK 1,986.20	MMK 1,978.20
Namibia ¹							
Windhoek	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 14.9336	NAD 15.5872	NAD 15.3358	NAD 14.5144
		M	EUR 1 =	NAD 17.6294	NAD 17.3988	NAD 17.0946	NAD 16.1996
Nepal							
Kathmandu	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 117.93	NPR 119.77	NPR 120.17	NPR 121.16
		S	USD 1 =	NPR 118.53	NPR 120.37	NPR 120.77	NPR 121.76
	NPR	B	EUR 1 =	NPR 139.30	NPR 133.48	NPR 135.42	NPR 134.89
		S	EUR 1 =	NPR 140.01	NPR 134.15	NPR 136.10	NPR 135.56
Netherlands							
Amsterdam Seat of government: The Hague	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101
New Caledonia ¹							
Nouméa	CFP franc XPF	V	XPF 1,000 =	USD 9.91	USD 9.35	USD 9.38	USD 9.30
		2	XPF 1,000 =	EUR 8.38	EUR 8.38	EUR 8.38	EUR 8.38
New Zealand							
Wellington	New Zealand dollar = 100 cents	B	NZD 1 =	USD 0.7300	USD 0.6691	USD 0.6809	USD 0.7087
		S	NZD 1 =	USD 0.7026	USD 0.6439	USD 0.6552	USD 0.6822
	NZD	B	NZD 1 =	EUR 0.6094	EUR 0.5994	EUR 0.6106	EUR 0.6349
		S	NZD 1 =	EUR 0.5865	EUR 0.5768	EUR 0.5875	EUR 0.6110
Nicaragua							
Managua	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 35.1991	NIO 35.5807	NIO 35.6348	NIO 35.6948
		V, M	EUR 1 =	NIO 41.58493	NIO 39.69383	NIO 39.90741	NIO 39.62480

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	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Niger ¹							
Niamey	CFA franc	B S	USD 1 =	XOF 551.75	XOF 584.25	XOF 583.25	XOF 584.50
			USD 1 =	XOF 558.75	XOF 591.25	XOF 590.25	XOF 591.50
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Nigeria ¹							
Abuja	Naira = 100 kobo	B S	USD 1 =	NGN 398.20	NGN 414.26	NGN 415.59	NGN 415.25
			USD 1 =	NGN 399.28	NGN 416.26	NGN 416.59	NGN 416.25
	NGN	B S	EUR 1 =	NGN 470.0003	NGN 462.0242	NGN 465.2530	NGN 461.1018
			EUR 1 =	NGN 472.1110	NGN 464.2548	NGN 466.3725	NGN 462.2123
North Macedonia							
Skopje	North Macedonia denar = 100 deni	B S	USD 1 =	MKD 51.8785	MKD 55.1145	MKD 54.7312	MKD 55.1739
			USD 1 =	MKD 52.3999	MKD 55.6685	MKD 55.2812	MKD 55.7285
	MKD	B S	EUR 1 =	MKD 61.3252	MKD 61.3865	MKD 61.3865	MKD 61.3865
			EUR 1 =	MKD 61.9416	MKD 62.0035	MKD 62.0035	MKD 62.0035
Norway							
Oslo	Norwegian krone = 100 øre	B S	USD 1 =	NOK 8.5681	NOK 8.9196	NOK 8.9100	NOK 8.5882
			USD 1 =	NOK 8.6441	NOK 8.9956	NOK 8.9860	NOK 8.6642
	NOK	B S	EUR 1 =	NOK 10.1309	NOK 9.9656	NOK 9.9737	NOK 9.5956
			EUR 1 =	NOK 10.2159	NOK 10.0506	NOK 10.0587	NOK 9.6806
Oman							
Muscat	Rial Omani = 1,000 baisa	3 3 B S	USD 1 =	OMR 0.3840	OMR 0.3840	OMR 0.3840	OMR 0.3840
			USD 1 =	OMR 0.3850	OMR 0.3850	OMR 0.3850	OMR 0.3850
	OMR	B S	EUR 1 =	OMR 0.4530272	OMR 0.4285824	OMR 0.4283904	OMR 0.4287360
			EUR 1 =	OMR 0.4543257	OMR 0.4297370	OMR 0.4295445	OMR 0.4298910
Pakistan							
Islamabad	Pakistani rupee = 100 paisa	B S	USD 1 =	PKR 163.17	PKR 176.75	PKR 177.10	PKR 182.70
			USD 1 =	PKR 163.67	PKR 177.25	PKR 177.60	PKR 183.20
	PKR	B S	EUR 1 =	PKR 193.17	PKR 197.66	PKR 197.86	PKR 204.28
			EUR 1 =	PKR 193.76	PKR 198.22	PKR 198.41	PKR 204.84
Panama ¹							
Panama City	Balboa = 100 centésimos PAB	4	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
		V	EUR 1 =	PAB 1.1827	PAB 1.1156	PAB 1.1199	PAB 1.1101
Papua New Guinea							
Port Moresby	Kina = 100 toea	B S	PGK 1 =	USD 0.2925	USD 0.2925	USD 0.2915	USD 0.2915
			PGK 1 =	USD 0.2775	USD 0.2775	USD 0.2765	USD 0.2765
	PGK	B S	EUR 1 =	EUR 0.2418	EUR 0.2563	EUR 0.2541	EUR 0.2550
			PGK 1 =	EUR 0.2268	EUR 0.2413	EUR 0.2391	EUR 0.2400

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	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Paraguay							
Asunción	Guaraní = 100 céntimos	B	USD 1 =	PYG 6,763.04	PYG 7,037.07	PYG 6,982.61	PYG 6,921.52
		S	USD 1 =	PYG 6,781.64	PYG 7,046.76	PYG 7,003.87	PYG 6,931.47
	PYG	V, B	EUR 1 =	PYG 7,993.68	PYG 7,850.56	PYG 7,831.70	PYG 7,683.58
		V, S	EUR 1 =	PYG 8,015.16	PYG 7,861.37	PYG 7,855.54	PYG 7,694.62
Peru							
Lima	Sol = 100 céntimos	B	USD 1 =	PEN 3.879	PEN 3.840	PEN 3.753	PEN 3.695
		S	USD 1 =	PEN 3.886	PEN 3.846	PEN 3.759	PEN 3.701
	PEN	B	EUR 1 =	PEN 4.517	PEN 4.252	PEN 4.067	PEN 4.055
		S	EUR 1 =	PEN 4.782	PEN 4.710	PEN 4.549	PEN 4.280
Philippines							
Manila	Philippine peso = 100 centavos	B	USD 1 =	PHP 49.00	PHP 50.90	PHP 51.05	PHP 51.65
		S	USD 1 =	PHP 49.50	PHP 51.40	PHP 51.55	PHP 52.15
	PHP	B	EUR 1 =	PHP 55.9728	PHP 55.2351	PHP 55.5359	PHP 56.1386
		S	EUR 1 =	PHP 60.0324	PHP 58.4799	PHP 58.7949	PHP 59.4164
Poland							
Warsaw	Polish zloty = 100 groszy PLN	M	USD 1 =	PLN 3.8647	PLN 4.1147	PLN 4.1965	PLN 4.1801
		M	EUR 1 =	PLN 4.5775	PLN 4.5982	PLN 4.6909	PLN 4.6525
Portugal							
Lisbon	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101
Qatar							
Doha	Qatari riyal = 100 dirham QAR	2	USD 1 =	QAR 3.6400	QAR 3.6400	QAR 3.6400	QAR 3.6400
		V, M	EUR 1 =	QAR 4.3009	QAR 4.0608	QAR 4.0764	QAR 4.0408
Romania							
Bucharest	Romanian leu = 100 bani RON	M	USD 1 =	RON 4.1630	RON 4.4284	RON 4.4218	RON 4.4508
		M	EUR 1 =	RON 4.9244	RON 4.9468	RON 4.9480	RON 4.9466
Russian Federation							
Moscow	Russian rouble = 100 kopecks RUB	M	USD 1 =	RUB 73.6685	RUB 77.8174	RUB 83.5485	RUB 84.0851
		M	EUR 1 =	RUB 87.2582	RUB 86.6419	RUB 93.5994	RUB 93.6960 ³

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 Indicative rate; according to the Bank of Russia,

calculated on the basis of their established official RUB/USD rates and USD/EUR market rates.

IV. Overview of world currencies *

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

Country ¹ Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Rwanda							
Kigali	Rwanda franc = 100 centimes	B	USD 1 =	RWF 979.780622	RWF 1,002.457967	RWF 1,005.439051	RWF 1,008.511134
		S	USD 1 =	RWF 999.374255	RWF 1,022.505101	RWF 1,025.545801	RWF 1,028.679320
	RWF	B	EUR 1 =	RWF 1,158.76928	RWF 1,119.13104	RWF 1,120.86345	RWF 1,125.80098
		S	EUR 1 =	RWF 1,181.94233	RWF 1,141.51140	RWF 1,143.27846	RWF 1,148.31473
Saint Helena, Ascension and Tristan da Cunha							
Jamestown	Saint Helena pound ² = 100 pence SHP	V	USD 1 =	SHP 0.72681	SHP 0.74537	SHP 0.74605	SHP 0.76205
		V	EUR 1 =	SHP 0.85960	SHP 0.83153	SHP 0.83550	SHP 0.84595
Saint Kitts and Nevis							
Basseterre	East Caribbean dollar = 100 cents	³ B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		³ S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.1793	XCD 2.9990	XCD 3.0105	XCD 2.9842
		V, S	EUR 1 =	XCD 3.2133	XCD 3.0310	XCD 3.0427	XCD 3.0160
Saint Lucia							
Castries	East Caribbean dollar = 100 cents	³ B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		³ S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.1793	XCD 2.9990	XCD 3.0105	XCD 2.9842
		V, S	EUR 1 =	XCD 3.2133	XCD 3.0310	XCD 3.0427	XCD 3.0160
Saint Vincent and the Grenadines							
Kingstown	East Caribbean dollar = 100 cents	³ B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		³ S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.1793	XCD 2.9990	XCD 3.0105	XCD 2.9842
		V, S	EUR 1 =	XCD 3.2133	XCD 3.0310	XCD 3.0427	XCD 3.0160
Samoa							
Apia	Tala = 100 sene WST	M	WST 1 =	USD 0.39108	USD 0.37624	USD 0.38071	USD 0.38970
		M	WST 1 =	EUR 0.33107	EUR 0.33753	EUR 0.34137	EUR 0.34935
Sao Tome and Principe							
São Tomé	Dobra = 100 cêntimos	B	USD 1 =	STN 20.7642	STN 21.9968	STN 21.8438	STN 22.0205
		S	USD 1 =	STN 21.0757	STN 22.3267	STN 22.1715	STN 22.3508
	STN	4	EUR 1 =	STN 24.5000	STN 24.5000	STN 24.5000	STN 24.5000
Saudi Arabia							
Riyadh	Saudi riyal = 100 halalah SAR	³ M	USD 1 =	SAR 3.75	SAR 3.75	SAR 3.75	SAR 3.75
		V, M	EUR 1 =	SAR 4.43566	SAR 4.18350	SAR 4.19963	SAR 4.16288

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	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month			
					January 2022	February 2022	March 2022	
Senegal ¹								
Dakar	CFA franc	B S	USD 1 =	XOF 551.75	XOF 584.25	XOF 583.25	XOF 584.50	
			USD 1 =	XOF 558.75	XOF 591.25	XOF 590.25	XOF 591.50	
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957	
Serbia								
Belgrade	Serbian dinar = 100 para	B S	USD 1 =	RSD 99.1383	RSD 104.9716	RSD 105.0379	RSD 105.1855	
			USD 1 =	RSD 99.7349	RSD 105.6034	RSD 105.6701	RSD 105.8185	
	RSD	B S	EUR 1 =	RSD 117.2203	RSD 117.2323	RSD 117.3064	RSD 117.3975	
			EUR 1 =	RSD 117.9257	RSD 117.9379	RSD 118.0124	RSD 118.1041	
Seychelles								
Victoria	Seychelles rupee = 100 cents	B S	USD 1 =	SCR 16.2706	SCR 14.1556	SCR 13.9560	SCR 14.0274	
			USD 1 =	SCR 16.9477	SCR 14.6518	SCR 14.7111	SCR 14.5190	
	SCR	B S	EUR 1 =	SCR 19.1849	SCR 15.5846	SCR 15.5068	SCR 15.5980	
			EUR 1 =	SCR 20.0962	SCR 16.5259	SCR 16.5813	SCR 16.2166	
Sierra Leone ¹								
Freetown	Leone = 100 cents	B S	USD 1 =	SLL 10,373.56	SLL 11,349.93	SLL 11,579.95	SLL 11,770.29	
			USD 1 =	SLL 10,585.67	SLL 11,579.23	SLL 11,813.89	SLL 12,008.07	
	SLL	B S	EUR 1 =	SLL 12,252.77	SLL 12,674.10	SLL 12,925.29	SLL 13,151.85	
			EUR 1 =	SLL 12,496.53	SLL 12,926.14	SLL 13,178.59	SLL 13,411.72	
Singapore ¹								
Singapore	Singapore dollar = 100 cents	M	USD 1 =	SGD 1.3433	SGD 1.3557	SGD 1.3597	SGD 1.3534	
			EUR 1 =	SGD 1.5871	SGD 1.5131	SGD 1.5163	SGD 1.5108	
Sint Maarten (southern part)								
Philipsburg	Netherlands Antillean guilder = 100 cents	3 3	B S	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
			B S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B S	EUR 100 = EUR 100 =	ANG 210.45 ANG 214.69	ANG 198.77 ANG 202.77	ANG 199.69 ANG 203.72	ANG 197.71 ANG 201.70	
Slovakia								
Bratislava	Euro = 100 cent	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101	
Slovenia								
Ljubljana	Euro = 100 cent	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101	
Solomon Islands								
Honiara	Solomon Islands dollar = 100 cents	M	SBD 1 =	USD 0.1245	USD 0.1232	USD 0.1236	USD 0.1246	
			SBD	M	SBD 1 =	EUR 0.10541	EUR 0.11020	EUR 0.11030	EUR 0.11160

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	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Somalia ¹							
Mogadishu	Somali shilling	M	USD 1 =	.	.	.	.
	SOS	M	EUR 1 =	.	.	.	.
South Africa							
Pretoria Seat of parliament: Cape Town	South African rand = 100 cents	B	USD 1 =	ZAR 14.6003	ZAR 15.2995	ZAR 15.2691	ZAR 14.3933
		S	USD 1 =	ZAR 14.9228	ZAR 15.6643	ZAR 15.6354	ZAR 14.7584
	ZAR	B	EUR 1 =	ZAR 17.3023	ZAR 17.0133	ZAR 17.0102	ZAR 15.8686
		S	EUR 1 =	ZAR 17.7763	ZAR 17.6393	ZAR 17.6382	ZAR 16.4789
South Sudan							
Juba	South Sudanese pound = 100 piastres	M	USD 1 =	SSP 317.0607	SSP 433.4008	SSP 432.7873	SSP 429.3452
		M	EUR 1 =	SSP 372.1906	SSP 482.3537	SSP 485.0034	SSP 477.7760
	SSP						
Spain							
Madrid	Euro = 100 cent	M	EUR 1 =	USD 1.1827	USD 1.1156	USD 1.1199	USD 1.1101
	EUR						
Sri Lanka ¹							
Colombo	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 196.9317	LKR 198.5008	LKR 198.5008	LKR 288.7475 ¹
		S	USD 1 =	LKR 201.6169	LKR 202.9992	LKR 202.9992	LKR 298.9958 ¹
	LKR	B	EUR 1 =	LKR 232.1963	LKR 220.9993	LKR 221.5469	LKR 325.7283 ¹
		S	EUR 1 =	LKR 239.8119	LKR 229.5271	LKR 231.0473	LKR 337.0847 ¹
Sudan							
Khartoum	Sudanese pound = 100 piastres	B	USD 1 =	SDG 392.3129	SDG 439.5995	SDG 443.5001	SDG .
		S	USD 1 =	SDG 395.0050	SDG 442.8965	SDG 446.8264	SDG .
	SDG	B	EUR 1 =	SDG 461.9386	SDG 490.6854	SDG 494.4095	SDG .
		S	EUR 1 =	SDG 465.1035	SDG 494.3655	SDG 498.1175	SDG .
Suriname							
Paramaribo	Suriname dollar = 100 cents	B	USD 1 =	SRD 19.085	SRD 21.281	SRD 20.961	SRD 21.223
		S	USD 1 =	SRD 19.411	SRD 21.581	SRD 21.570	SRD 21.581
	SRD	B	EUR 1 =	SRD 22.182	SRD 23.413	SRD 23.246	SRD 23.473
		S	EUR 1 =	SRD 22.664	SRD 24.108	SRD 24.186	SRD 23.851
Sweden							
Stockholm	Swedish krona = 100 öre	B	USD 1 =	SEK 8.5290	SEK 9.3286	SEK 9.4749	SEK 9.2116
		S	USD 1 =	SEK 8.6340	SEK 9.4336	SEK 9.5799	SEK 9.3166
	SEK	B	EUR 1 =	SEK 10.0942	SEK 10.4305	SEK 10.5935	SEK 10.2809
		S	EUR 1 =	SEK 10.2092	SEK 10.5455	SEK 10.7085	SEK 10.3959

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	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Switzerland							
Berne	Swiss franc = 100 rappen/centimes CHF	B	USD 1 =	CHF 0.9143	CHF 0.9319	CHF 0.9227	CHF 0.9250
		B	EUR 1 =	CHF 1.0798	CHF 1.0413	CHF 1.0314	CHF 1.0294
Syrian Arab Republic ¹							
Damascus	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 2,783.00	SYP 2,814.00	SYP 2,777.00
		S	EUR 1 =	SYP 2,599.99	SYP 2,810.83	SYP 2,842.14	SYP 2,804.77
Tajikistan							
Dushanbe	Somoni = 100 diram TJS	M	USD 1 =	TJS 11.3083	TJS 11.3000	TJS 11.3000	TJS 12.9600
		M	EUR 1 =	TJS 13.3782	TJS 12.5848	TJS 12.6775	TJS 14.4387
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 2,286.3493	TZS 2,286.6733	TZS 2,286.8416	TZS 2,287.0792
		S	USD 1 =	TZS 2,309.2125	TZS 2,309.5400	TZS 2,309.7100	TZS 2,309.9500
		B	EUR 1 =	TZS 2,701.4482	TZS 2,545.7533	TZS 2,563.3207	TZS 2,544.3756
		S	EUR 1 =	TZS 2,729.2322	TZS 2,572.1347	TZS 2,589.4159	TZS 2,570.7434
Thailand							
Bangkok	Thai baht = 100 satang THB	B	USD 1 =	THB 31.8272	THB 33.2632	THB 32.5610	THB 33.1393
		S	USD 1 =	THB 32.1710	THB 33.6003	THB 32.8917	THB 33.4553
		B	EUR 1 =	THB 37.5324	THB 36.9111	THB 36.1627	THB 36.8184
		S	EUR 1 =	THB 38.3022	THB 37.6713	THB 36.9081	THB 37.5469
Togo ¹							
Lomé	CFA franc XOF	B	USD 1 =	XOF 551.75	XOF 584.25	XOF 583.25	XOF 584.50
		S	USD 1 =	XOF 558.75	XOF 591.25	XOF 590.25	XOF 591.50
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Tonga							
Nuku'alofa	Pa'anga = 100 seniti TOP	M	TOP 1 =	USD 0.4416	USD 0.4412 ³	USD 0.4373	USD 0.4450
		M	TOP 1 =	EUR 0.3731	EUR 0.3841 ³	EUR 0.3899	EUR 0.3979
Trinidad and Tobago							
Port-of-Spain	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.7168	TTD 6.7024	TTD 6.7250	TTD 6.7404
		S	USD 1 =	TTD 6.7684	TTD 6.7530	TTD 6.7533	TTD 6.7685
		B	EUR 1 =	TTD 7.9996	TTD 7.5125	TTD 7.5253	TTD 7.4515
		S	EUR 1 =	TTD 8.5618	TTD 8.0318	TTD 7.8951	TTD 8.1875

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 Exchange rate as of 14 January 2022.

IV. Overview of world currencies *

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

Country ¹ Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					January 2022	February 2022	March 2022
Tunisia							
Tunis	Tunisian dinar = 1,000 millimes	B S	USD 1 =	TND 2.7782	TND 2.9076	TND 2.9070	TND 2.9472
			USD 1 =	TND 2.7810	TND 2.9106	TND 2.9100	TND 2.9502
	TND	B S	EUR 1 =	TND 3.2860	TND 3.2480	TND 3.2603	TND 3.2650
			EUR 1 =	TND 3.2892	TND 3.2512	TND 3.2635	TND 3.2682
Turkey							
Ankara	Turkish lira = 100 kuruş	B S	USD 1 =	TRY 8.8869	TRY 13.6066	TRY 14.0395	TRY 14.6458
			USD 1 =	TRY 8.9029	TRY 13.6311	TRY 14.0648	TRY 14.6722
	TRY	B S	EUR 1 =	TRY 10.6978	TRY 15.1536	TRY 15.7097	TRY 16.3086
			EUR 1 =	TRY 10.7171	TRY 15.1809	TRY 15.7380	TRY 16.3380
Turkmenistan ¹							
Ashgabat	Turkmen manat = 100 tenge TMT	2 M	USD 1 =	TMT 3.50	TMT 3.50	TMT 3.50	TMT 3.50
			EUR 1 =	TMT 4.1413	TMT 3.9001	TMT 3.9435	TMT 3.9039
Uganda							
Kampala	Uganda shilling	B S	USD 1 =	UGX 3,577.15	UGX 3,504.96	UGX 3,533.96	UGX 3,585.48
			USD 1 =	UGX 3,587.15	UGX 3,514.96	UGX 3,543.96	UGX 3,595.48
	UGX	B S	EUR 1 =	UGX 4,224.32	UGX 3,907.86	UGX 3,926.19	UGX 3,979.45
			EUR 1 =	UGX 4,236.12	UGX 3,919.01	UGX 3,937.30	UGX 3,990.54
Ukraine ¹							
Kyiv	Hryvnia = 100 kopiyok UAH	M M	USD 1 =	UAH 27.2680	UAH 28.7839	UAH 29.2549	UAH 29.2549
			EUR 1 =	UAH 32.2611	UAH 32.0293	UAH 33.1707	UAH 32.5856
United Arab Emirates ¹							
Abu Dhabi	United Arab Emirates dirham = 100 fils AED	2 V, M	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
			EUR 1 =	AED 4.3436	AED 4.0970	AED 4.1128	AED 4.0768
United Kingdom ¹							
London	Pound sterling = 100 pence GBP	M M	GBP 1 =	USD 1.3757	USD 1.3418	USD 1.3419	USD 1.3162
			EUR 1 =	GBP 0.8581	GBP 0.8354	GBP 0.8369	GBP 0.8449
United States							
Washington	US dollar = 100 cents USD	M M	EUR 1 =	USD 1.17966	USD 1.1233	USD 1.1219	USD 1.1065
			GBP 1 =	USD 1.37555	USD 1.3445	USD 1.3419	USD 1.3133

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 *

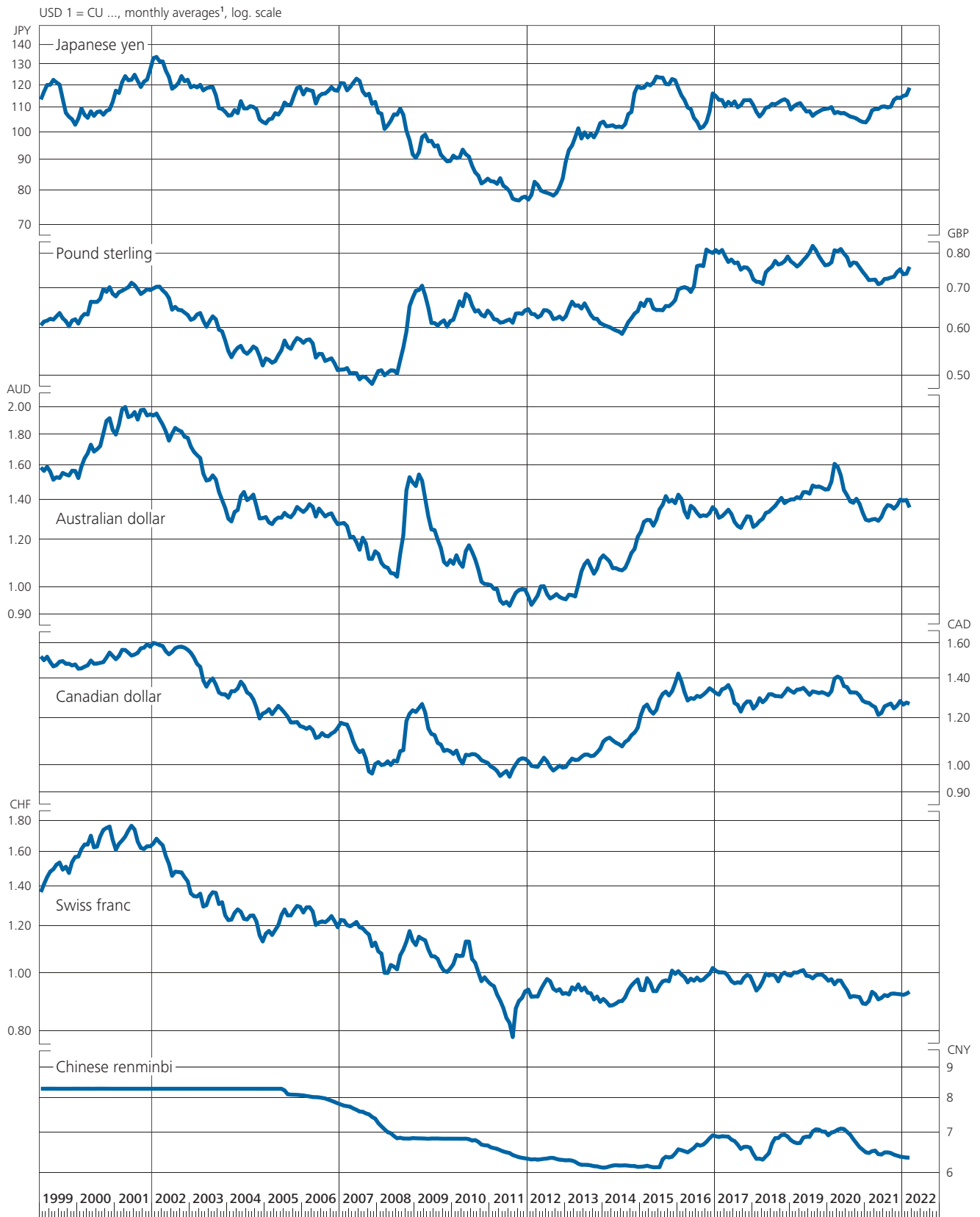
1. Currencies and exchange rates in individual countries (cont'd)

Country ¹ Capital	Currency ISO currency code	Type of rate	Unit	Annual average 20212	Rate at end of month		
					January 2022	February 2022	March 2022
Uruguay							
Montevideo	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 43.574	UYU 44.154	UYU 42.533	UYU 41.115
		M	EUR 1 =	UYU 51.5154	UYU 49.5982	UYU 47.8773	UYU 45.5328
Uzbekistan							
Tashkent	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 10,624.97	UZS 10,815.16	UZS 10,860.00	UZS 11,400.21
		M	EUR 1 =	UZS 12,568.72	UZS 12,040.52	UZS 12,143.65	UZS 12,707.81
Vanuatu							
Port Vila	Vatu VUV	B	USD 1 =	VUV 107.78	VUV 112.44	VUV 111.37	VUV 108.39
		S	USD 1 =	VUV 114.63	VUV 119.59	VUV 118.45	VUV 115.28
		B	EUR 1 =	VUV 128.25	VUV 126.27	VUV 125.13	VUV 121.90
		S	EUR 1 =	VUV 133.43	VUV 131.37	VUV 130.19	VUV 126.82
Venezuela, Bolivarian Republic of ¹							
Caracas	Bolívar = 100 céntimos VES	B	USD 1 =	VES 3.387736	VES 4.526256	VES 4.374935	VES 4.369549
		S	USD 1 =	VES 3.396227	VES 4.537600	VES 4.385900	VES 4.380500
		B	EUR 1 =	VES 3.978432	VES 5.071579	VES 4.916421	VES 4.851991
		S	EUR 1 =	VES 3.988403	VES 5.084290	VES 4.928743	VES 4.864151
Viet Nam							
Hanoi	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 22,814	VND 22,500	VND 22,670	VND 22,700
		S	USD 1 =	VND 23,014	VND 22,780	VND 22,950	VND 22,980
		B	EUR 1 =	VND 26,590.89	VND 24,696.35	VND 25,117.24	VND 25,100.85
		S	EUR 1 =	VND 27,719.15	VND 26,003.22	VND 26,259.73	VND 26,242.54
Yemen							
Sana'a	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 279.06	YER 278.71	YER .
		S	EUR 1 =	YER 295.57	YER 279.62	YER 279.27	YER .
Zambia							
Lusaka	Kwacha = 100 ngwee ZMW	B	USD 1 =	ZMW 19.6748	ZMW 18.0287	ZMW 17.7396	ZMW 18.0441
		S	USD 1 =	ZMW 19.7248	ZMW 18.0787	ZMW 17.7896	ZMW 18.0941
		B	EUR 1 =	ZMW 23.2872	ZMW 20.1110	ZMW 19.8595	ZMW 19.9874
		S	EUR 1 =	ZMW 23.3512	ZMW 20.1722	ZMW 19.9190	ZMW 20.0500
Zimbabwe ¹							
Harare	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =	ZWL 89.77495	ZWL 115.42230	ZWL 124.01890	ZWL 142.42370
		M	EUR 1 =	ZWL 105.85241	ZWL 128.84015	ZWL 138.26270	ZWL 159.01645

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

IV. Overview of world currencies*

2. Exchange rates of the US dollar against major currencies



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

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

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

Period	US dollar USD	Euro EUR	Chinese yuan (renminbi) CNY	Japanese yen JPY	Pound sterling GBP	Canadian dollar CAD	Swiss franc CHF	Danish krone DKK	Norwegian krone NOK	Swedish krona SEK
2007	1.58025	1.07346	11.53020	179.947	0.788780	1.56144	1.77857	8.02021	8.55074	10.2088
2008	1.54027	1.10675	10.52710	140.464	1.056570	1.88621	1.63839	8.18003	10.78020	12.0833
2009	1.56769	1.08822	10.70450	143.797	0.968007	1.64075	1.61551	8.10688	9.05608	11.3070
2010	1.54003	1.15966	10.19950	125.436	0.997755	1.54142	1.44702	8.64469	9.06742	10.4761
2011	1.53527	1.18654	9.67352	119.321	0.992989	1.56254	1.44453	8.82099	9.20039	10.6293
2012	1.53692	1.16583	9.66660	133.020	0.953662	1.52954	1.40874	8.69762	8.55432	10.0140
2013	1.54000	1.11732	9.39770	162.162	0.935148	1.63856	1.37291	8.33556	9.41398	10.0229
2014	1.44881	1.19332	8.86525	174.733	0.928247	1.68076	1.43301	8.86611	10.76930	11.3176
2015	1.38573	1.27283	8.99548	167.116	0.935104	1.91785	1.37478	9.47221	12.20690	11.5742
2016	1.34433	1.27534	9.34283	157.018	1.092780	1.80503	1.36826	9.48128	11.58810	12.2295
2017	1.42413	1.18747	9.27343	160.785	1.054020	1.78837	1.38967	8.84056	11.68500	11.7238
2018	1.39079	1.21424	9.53107	154.141	1.095500	1.89153	1.36451	9.06709	12.11060	12.4768
2019	1.38283	1.23588	9.66184	150.894	1.053860	1.80583	1.34362	9.23156	12.16850	12.8879
2020	1.44027	1.18385	9.41203	149.255	1.073230	1.85161	1.28162	8.80553	12.57700	11.9614
2021	1.39959	1.23748	8.91599	159.848	1.041830	1.79808	1.28791	9.20217	12.38880	12.7593
2020 Apr.	1.36640	1.25635	9.63902	145.631	1.092250	1.90066	1.32602	9.37040	14.05100	13.4540
May	1.37202	1.23206	9.80488	146.998	1.113290	1.89160	1.31940	9.18400	13.29140	12.9906
June	1.37570	1.22852	9.72356	148.190	1.121140	1.87480	1.30760	9.15566	13.40560	12.8614
July	1.41307	1.19266	9.87099	147.736	1.075560	1.89408	1.28356	8.87847	12.80000	12.2281
Aug.	1.41891	1.18837	9.72819	149.511	1.066180	1.85055	1.28376	8.84603	12.42440	12.2621
Sep.	1.40757	1.20223	9.58359	148.907	1.096880	1.87756	1.29778	8.95207	13.34580	12.6517
Oct.	1.41164	1.20674	9.45555	147.629	1.087220	1.88002	1.29370	8.98610	13.38760	12.5822
Nov.	1.43009	1.19373	9.41673	148.544	1.070790	1.85411	1.29166	8.88289	12.60700	12.1290
Dec.	1.44027	1.18385	9.41203	149.255	1.073230	1.85161	1.28162	8.80553	12.57700	11.9614
2021 Jan.	1.44080	1.18721	9.30960	150.535	1.050300	1.84135	1.28080	8.82924	12.27940	12.0514
Feb.	1.43927	1.18742	9.30691	152.894	1.033590	1.82572	1.30405	8.82979	12.35050	11.9590
Mar.	1.41721	1.20871	9.29731	156.885	1.029650	1.78214	1.33650	8.98949	12.08160	12.3636
Apr.	1.43599	1.18853	9.29861	156.451	1.032190	1.76411	1.30596	8.80375	11.82980	12.0400
May	1.44467	1.18435	9.21175	157.758	1.022770	1.75160	1.29738	8.80716	12.07480	12.0046
June	1.42642	1.20029	9.21311	157.620	1.028940	1.76791	1.31645	8.92554	12.20900	12.1393
July	1.42877	1.20156	9.22526	156.450	1.022890	1.78053	1.29325	8.93711	12.54490	12.2277
Aug.	1.42426	1.20353	9.20073	156.483	1.034390	1.79698	1.30170	8.94943	12.34820	12.2378
Sep.	1.40887	1.21675	9.10606	157.667	1.048660	1.80099	1.31934	9.04781	12.36820	12.3855
Oct.	1.41538	1.21544	9.04486	160.858	1.026830	1.75281	1.28948	9.04159	11.85000	12.0583
Nov.	1.40080	1.23277	8.92530	159.411	1.049950	1.79190	1.28712	9.16792	12.67230	12.6469
Dec.	1.39959	1.23748	8.91599	159.848	1.041830	1.79808	1.28791	9.20217	12.38880	12.7593
2022 Jan.	1.39178	1.24756	8.85089	160.653	1.038330	1.77021	1.29986	9.28428	12.48620	13.0564
Feb.	1.39486	1.24553	8.80282	161.176	1.041370	1.77120	1.28565	9.26715	12.38860	13.2894
Mar.	1.38240	1.24529	8.76816	169.206	1.053220	1.72745	1.27886	9.26235	12.09310	12.8067
2022 Feb. 22	1.40207	1.23618	8.88549	160.818	1.034400	1.78666	1.28871	9.19616	12.48760	13.1652
23	1.40242	1.23627	8.86596	160.247	1.032210	1.78360	1.28966	9.19633	12.40410	13.0620
24	1.39418	1.24893	8.80972	160.247	1.040820	1.78901	1.28732	9.29264	12.59890	13.2648
25	1.39424	1.24308	8.80336	161.091	1.041450	1.77724	1.29183	9.25078	12.40050	13.2856
28	1.39486	1.24553	8.80282	161.176	1.041370	1.77120	1.28565	9.26715	12.38860	13.2894
Mar. 1	1.39474	1.24954	8.80537	160.744	1.040150	1.77243	1.27939	9.29368	12.32030	13.2174
2	1.39056	1.25208	8.77709	159.915	1.042870	1.76156	1.27848	9.31385	12.37380	13.4922
3	1.38983	1.25481	8.78287	160.664	1.039550	1.76008	1.27934	9.33559	12.34960	13.4898
4	1.38515	1.26741	8.75557	159.819	1.042570	1.76607	1.27129	9.42871	12.46600	13.5587
7	1.37999	1.26663	8.71976	158.588	1.047910	1.76266	1.27690	9.42454	12.45410	13.7799
8	1.38043	1.26738	8.72060	159.398	1.052280	1.77620	1.27800	9.43459	12.41080	13.7019
9	1.38333	1.25838	8.73950	160.287	1.052130	1.77357	1.28401	9.36742	12.32950	13.6368
10	1.38595	1.25040	8.76017	160.770	1.053230	1.77069	1.28456	9.30319	12.40270	13.5087
11	1.38326	1.25865	8.74263	160.873	1.055200	1.75951	1.28871	9.36470	12.33900	13.4602
14	1.37801	1.25730	8.76493	162.026	1.057890	1.76068	1.28961	9.35497	12.39560	13.2692
15	1.37933	1.25496	8.80034	163.078	1.056550	1.76595	1.29526	9.33820	12.36010	13.2432
16	1.38138	1.25648	8.76901	163.541	1.055130	1.75725	1.29842	9.34973	12.31210	13.1711
17	1.38325	1.25169	8.78033	164.565	1.051460	1.74995	1.30005	9.31758	12.24160	13.0184
18	1.38122	1.25474	8.78719	163.923	1.052000	1.74268	1.29234	9.33811	12.16340	13.0253
21	1.38188	1.25193	8.79345	163.923	1.051420	1.74020	1.28611	9.31567	12.16340	13.0312
22	1.37967	1.25152	8.77516	165.561	1.043510	1.73673	1.28611	9.31159	12.16340	13.0759
23	1.37855	1.25494	8.78966	167.067	1.044040	1.73298	1.28874	9.33437	12.16340	13.0166
24	1.37816	1.25538	8.77763	167.088	1.043860	1.72890	1.28286	9.33960	12.16340	12.9686
25	1.37940	1.25378	8.77755	168.039	1.045280	1.72453	1.27781	9.32862	11.93650	12.9725
28	1.37577	1.25458	8.76808	168.147	1.045700	1.72535	1.28642	9.33323	11.93400	13.0133
29	1.37801	1.24313	8.77917	171.148	1.052190	1.72375	1.28961	9.24736	11.93340	12.9863
30	1.38329	1.24329	8.79082	169.452	1.052890	1.72496	1.28113	9.24890	11.98510	12.8723
31	1.38240	1.24529	8.76816	169.206	1.053220	1.72745	1.27886	9.26235	12.09310	12.8067
Apr. 1	1.38038	1.24899	8.77755	168.683	1.050440	1.72714	1.27561	9.29092	12.06870	12.9655
4	1.37697	1.25123	8.76901	168.583	1.051410	1.71984	1.27561	9.30726	11.94790	12.9148
5	1.37613	1.25457	8.76901	168.645	1.048160	1.71343	1.27423	9.33114	11.96840	12.9355
6	1.37277	1.25677	8.73660	170.224	1.049320	1.71720	1.28141	9.33114	11.96840	12.9505
7	1.37210	1.25696	8.73012	169.647	1.049650	1.72665	1.28051	9.34911	12.01590	12.9895
8	1.37121	1.26251	8.72433	170.300	1.051380	1.73023	1.28160	9.38950	12.00400	12.9929
11	1.37091	1.25772	8.73301	171.364	1.050830	1.73023	1.28050	9.35427	12.00840	12.9496
12	1.36887	1.26035	8.71817	171.834	1.051760	1.72710	1.27667	9.37444	12.02320	13.0320
13	1.36701	1.26271	8.70148	171.697	1.051260	1.72339	1.27624	9.39161	12.08330	13.0324

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

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2020, Table 4, IMF, Washington. * See Explanatory notes, pp. 51-52. ¹ Includes countries that have no explicitly stated nominal anchor, but rather monitor various indicators in conducting monetary policy. ² The members participate in the Eastern Caribbean

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

VI. Global exchange rate arrangements and monetary policy framework*

As of end-April 2020

Exchange rate arrangement	Monetary policy framework						
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework	Other ¹
	US dollar	Euro	Exchange rate anchor Composite	Other			
Crawl-like arrangement	Cambodia Liberia		Singapore		Algeria ⁷ Bangladesh ⁷ Burundi ⁷ Congo, Democratic Republic of the ⁷ Ethiopia ⁷ Guinea ^{7,11} Papua New Guinea ⁷	Costa Rica Dominican Republic ⁷ Paraguay ^{7,8} Romania ¹⁰	Egypt ^{7,9} Haiti ⁷ Lao People's Democratic Republic ⁷ Mauritania ⁷ Mongolia ⁹ Rwanda ⁷ South Sudan ⁷ Tunisia ^{9,10} Uzbekistan ^{7,9}
Other managed arrangement			Kuwait Syrian Arab Republic		Afghanistan Angola ^{8,11} China Gambia Myanmar Sierra Leone Zimbabwe		Argentina Kenya ⁹ Pakistan ^{9,11} Tonga Vanuatu Venezuela, Bolivarian Republic of
Floating					Belarus Madagascar	Albania Brazil Chile Colombia Georgia Ghana Hungary Iceland India Indonesia Israel Jamaica Kazakhstan Korea, Republic of Moldova, Republic of New Zealand Peru Philippines Seychelles South Africa Thailand Turkey Uganda Ukraine Uruguay	Malaysia Mauritius Mozambique ⁹ Switzerland ^{8,11} Zambia
Free floating						Australia Canada Czechia Japan Mexico Norway Poland Russian Federation Sweden United Kingdom	Somalia ¹² United States Euro area Austria Belgium Cyprus Estonia Finland France Germany Greece Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain

exchange rate anchor to the US dollar. ⁸ The exchange rate arrangement was reclassified twice during this reporting period. ⁹ The central bank is in transition towards inflation targeting. ¹⁰ The country maintains a de facto exchange rate anchor to the euro. ¹¹ The exchange rate arrangement or monetary policy frame-

work was reclassified retroactively, overriding a previously published classification. ¹² Currently the Central Bank of Somalia does not have a monetary policy framework.

VII. ISO currency codes *

ISO code	Currency	Country 1 or territory	ISO code	Currency	Country 1 or territory	ISO code	Currency	Country 1 or territory
AED	United Arab Emirates dirham	United Arab Emirates	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
AWG	Aruban florin	Aruba	ERN	Nakfa	Eritrea	IDR	Indonesian rupiah	Indonesia
AZN	Azerbaijan manat	Azerbaijan	ETB	Birr	Ethiopia	ILS	New shekel	Israel
			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.

Explanatory notes

Euro foreign exchange reference rates of the European Central Bank

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

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

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

Effective euro exchange rates

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

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

The table entitled "Overall trade weights used in the calculation of the effective exchange rates (EER) of the euro" on page 49 shows trading partners' membership of the EER-19 and EER-42 groups as well as their percentage weights. To prevent breaks in the time series, the indices of two consecutive weighting periods are chain-linked beyond the end of the preceding period. See the ECB's website for information on the revised trade weights published from July 2020 (<https://www.ecb.europa.eu/stats/pdf/exchange/updatedtradeweights201708202007.pdf?f184ad85cc2c5ccefcd05680706893cde>).

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

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

Indicators of the German economy's price competitiveness

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

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

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

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

Figures in %

As of July 2020

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

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

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

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

Overview of world currencies

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

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

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

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

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.

Egypt

On 21 March 2022, the Central Bank of Egypt devalued the Egyptian pound and published the following official exchange rates (buying/selling) before as well as after this measure:

20 March 2022 USD 1 = EGP 15.6484/15.7786
 EUR 1 = EGP 17.2993/17.4496

21 March 2022 USD 1 = EGP 18.1519/18.2884
 EUR 1 = EGP 20.0306/20.1885.

Calculated using these rates, the Egyptian pound depreciated by 13.8% against the US dollar (calculated on the basis of the middle rates) and by 13.6% against the euro.

El Salvador

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

Equatorial Guinea

See Explanatory notes on Cameroon.

Eswatini

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

Gabon

See Explanatory notes on Cameroon.

Guinea-Bissau

See Explanatory notes on Benin.

India

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

Iran, Islamic Republic of

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

Central bank rate

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

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

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

Bureau de change rate

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

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

Iraq

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

Kenya

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

Korea, Democratic People’s Republic of

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

Lebanon

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

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

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

Official exchange rate

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

Bank rate

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

Sayrafa market rate

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

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.

Sierra Leone

With effect from 1 April 2022, a currency changeover took place at the ratio of 1,000 (old) leone (SLL) = 1 (new) leone (SLE); the (old) leone is also to remain legal tender at this ratio for at least 90 days.

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.

Sri Lanka

In a press release dated 7 March 2022, the Central Bank of Sri Lanka announced a comprehensive package of measures to stabilise the economic situation, allowing, amongst other things, more flexible exchange rates. As a result, the Sri Lanka rupee was devalued in several stages.

Based on the exchange rates from the end of February and the end of March 2022, the Sri Lanka rupee depreciated by 31.7% against the US dollar and the euro (each calculated on the basis of the middle rates).

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. According to press reports, this rate was around 20 Turkmen manat in mid-March 2022.

Ukraine

On 24 February 2022, the National Bank of Ukraine published Resolution No 18, which is intended to keep the banking system stable under martial law.

This Resolution sets out, amongst other things, the following measures for the banking system:

- suspension of foreign exchange trading in Ukraine, with the exception of the sale of foreign currency to customers;
- introduction of a fixed exchange rate to the US dollar on 24 February 2022;
- imposition of a moratorium on cross-border foreign currency payments (with the exception of payments that ensure the functioning of government and mobilisation plans, as well as payments under special authorisations issued by the National Bank of Ukraine).

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.