



Exchange rate statistics

June 2022

Statistical Series

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Abbreviations and symbols

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	Data unknown, not to be published or not meaningful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

Discrepancies in the totals are due to rounding.

I. Euro area and exchange rate stability convergence criterion

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

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

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

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

Country Currency ISO currency code	Type of rate	EUR 1 = CU ...							
		From ...							
		1 Jan. 1999	17 Jan. 2000	28 June 2004	2 May 2005	28 Nov. 2005	19 Mar. 2007	29 May 2008	13 July 2020
Denmark	Upper rate	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824
Danish krone	Central rate	¹ 7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038
DKK	Lower rate	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252
Bulgaria	Upper rate	–	–	–	–	–	–	–	2.24920
Bulgarian lev	Central rate	–	–	–	–	–	–	–	² 1.95583
BGN	Lower rate	–	–	–	–	–	–	–	1.66246
Croatia	Upper rate	–	–	–	–	–	–	–	8.66468
Croatian kuna	Central rate	–	–	–	–	–	–	–	² 7.53450
HRK	Lower rate	–	–	–	–	–	–	–	6.40433
Greece	Upper rate	406.075	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
Period		Bulgarian lev BGN	Kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	Swedish krona SEK
2021	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
	Apr.	1.9558	7.5667	24.605	7.4415	378.71	4.6780	4.9479	10.2958
	May	1.9558	7.5410	24.714	7.4394	396.20	4.5805	4.9408	10.5053
2022	May 19	1.9558	7.5395	24.700	7.4423	385.83	4.6423	4.9474	10.5098
	20	1.9558	7.5335	24.670	7.4424	382.93	4.6365	4.9477	10.4915
	23	1.9558	7.5275	24.594	7.4413	381.65	4.6210	4.9470	10.4918
	24	1.9558	7.5285	24.663	7.4411	383.33	4.6015	4.9446	10.5013
	25	1.9558	7.5355	24.648	7.4405	388.25	4.6210	4.9416	10.5419
	26	1.9558	7.5355	24.676	7.4409	391.72	4.6083	4.9423	10.5983
	27	1.9558	7.5379	24.700	7.4392	392.83	4.5858	4.9427	10.5293
	30	1.9558	7.5305	24.712	7.4391	392.18	4.5855	4.9441	10.5180
	31	1.9558	7.5410	24.714	7.4394	396.20	4.5805	4.9408	10.5053
	June 1	1.9558	7.5345	24.748	7.4393	395.03	4.5913	4.9428	10.4758
	2	1.9558	7.5325	24.702	7.4391	394.90	4.5787	4.9398	10.4705
	3	1.9558	7.5220	24.708	7.4388	394.78	4.5955	4.9428	10.4589
	6	1.9558	7.5222	24.715	7.4390	388.05	4.5808	4.9424	10.4520
	7	1.9558	7.5244	24.739	7.4395	389.33	4.5813	4.9426	10.5039
	8	1.9558	7.5215	24.622	7.4386	391.25	4.5698	4.9450	10.4938
	9	1.9558	7.5223	24.689	7.4391	396.45	4.5925	4.9453	10.5045
	10	1.9558	7.5225	24.705	7.4389	398.48	4.6053	4.9442	10.5255
	13	1.9558	7.5215	24.724	7.4397	399.30	4.6373	4.9459	10.6160
	14	1.9558	7.5238	24.749	7.4403	398.68	4.6563	4.9443	10.6220

		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
2021	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
	Apr.	1.4699	5.1608	1.3426	6.9441	8.2703	137.80	80.6380	15,301.52
	May	1.4933	5.0965	1.3573	7.1402	8.4063	136.30	83.2310	15,580.15
2022	May 19	1.5036	5.2094	1.3490	7.1028	8.2594	139.50	81.7115	15,416.76
	20	1.4980	5.1989	1.3526	7.0638	8.2999	138.50	82.1617	15,501.99
	23	1.4982	5.1623	1.3626	7.0850	8.3664	139.10	82.6795	15,609.00
	24	1.5152	5.1793	1.3714	7.1449	8.4143	139.30	83.1850	15,711.88
	25	1.5126	5.1736	1.3720	7.1334	8.3647	138.30	82.6666	15,587.59
	26	1.5110	5.1741	1.3715	7.2024	8.3970	138.10	83.0065	15,628.91
	27	1.4995	5.0959	1.3661	7.1831	8.4165	137.90	83.1915	15,583.97
	30	1.4982	5.0629	1.3647	7.1735	8.4490	136.90	83.4750	15,682.41
	31	1.4933	5.0965	1.3573	7.1402	8.4063	136.30	83.2310	15,580.15
	June 1	1.4861	5.0646	1.3536	7.1586	8.4057	137.10	83.0510	15,574.33
	2	1.4829	5.1335	1.3520	7.1350	8.3896	136.90	82.9220	15,481.86
	3	1.4805	5.1643	1.3484	7.1465	8.4167	137.90	83.2730	15,498.10
	6	1.4842	5.0986	1.3463	7.1223	8.4154	138.30	83.2450	15,464.73
	7	1.4884	5.1256	1.3437	7.1146	8.3656	138.90	82.8730	15,412.37
	8	1.4917	5.2447	1.3467	7.1785	8.4275	138.90	83.4140	15,577.86
	9	1.4985	5.2506	1.3506	7.1722	8.4317	138.70	83.5260	15,646.25
	10	1.4845	5.1718	1.3484	7.0868	8.3031	137.70	82.3355	15,393.27
	13	1.4998	5.2785	1.3435	7.0434	8.2071	138.70	81.6060	15,376.17
	14	1.5174	5.3329	1.3522	7.0417	8.2048	138.30	81.5590	15,400.02

* 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)									
	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	
2021 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	
Apr.	3.4993	137.01	1,326.71	4.5886	21.4181	1.6119	9.7525	55.200	
May	3.5746	137.36	1,329.32	4.6907	20.9870	1.6459	10.0983	56.323	
2022 May 19	3.5623	134.46	1,343.21	4.6363	21.0043	1.6551	10.3102	55.140	
20	3.5330	135.34	1,340.58	4.6422	21.0314	1.6518	10.2620	55.181	
23	3.5745	136.05	1,344.19	4.6782	21.1273	1.6463	10.2520	55.686	
24	3.5848	136.49	1,353.65	4.7076	21.2456	1.6656	10.2890	56.152	
25	3.5850	135.34	1,354.61	4.6833	21.2213	1.6539	10.2704	55.787	
26	3.5935	135.95	1,352.69	4.7045	21.1935	1.6541	10.2715	55.975	
27	3.5970	136.05	1,343.63	4.6952	21.1360	1.6426	10.1790	56.020	
30	3.5722	137.25	1,331.66	4.6998	20.8994	1.6439	10.1256	56.322	
31	3.5746	137.36	1,329.32	4.6907	20.9870	1.6459	10.0983	56.323	
June 1	3.5682	138.68	1,331.44	4.6951	21.0678	1.6442	10.0438	56.182	
2	3.5705	138.72	1,334.06	4.6949	20.9831	1.6413	10.0845	56.467	
3	3.5751	139.59	1,337.40	4.7094	20.9850	1.6409	10.1030	56.738	
6	3.5697	140.16	1,341.13	4.7076	20.9078	1.6428	10.0853	56.670	
7	3.5661	141.66	1,340.75	4.6865	20.8435	1.6582	10.1843	56.421	
8	3.5848	143.92	1,349.34	4.7187	21.0458	1.6644	10.1395	56.799	
9	3.5859	143.93	1,348.99	4.7199	21.0248	1.6673	10.1818	56.872	
10	3.5626	141.69	1,344.25	4.6564	20.8285	1.6482	10.1495	56.101	
13	3.5994	140.51	1,349.93	4.6195	21.2102	1.6635	10.3222	55.720	
14	3.6208	140.62	1,346.72	4.6224	21.4832	1.6755	10.3945	55.669	

Other European and non-European countries (cont'd)									
	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United Kingdom	United States	
Period	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	
2021 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	
Apr.	-	1.4545	16.6473	1.0229	36.026	15.6385	0.83908	1.0540	
May	-	1.4687	16.7450	1.0281	36.751	17.5817	0.85138	1.0713	
2022 May 19	-	1.4576	16.8315	1.0265	36.343	16.8037	0.84728	1.0525	
20	-	1.4588	16.7131	1.0280	36.284	16.8201	0.84820	1.0577	
23	-	1.4639	16.7437	1.0310	36.410	16.8672	0.84783	1.0659	
24	-	1.4722	16.7814	1.0334	36.609	17.2572	0.85750	1.0720	
25	-	1.4676	16.7628	1.0269	36.550	17.3954	0.85295	1.0656	
26	-	1.4709	16.9312	1.0283	36.589	17.5588	0.85073	1.0697	
27	-	1.4679	16.7460	1.0258	36.589	17.5820	0.84875	1.0722	
30	-	1.4719	16.6480	1.0327	36.700	17.6416	0.85150	1.0764	
31	-	1.4687	16.7450	1.0281	36.751	17.5817	0.85138	1.0713	
June 1	-	1.4700	16.6090	1.0305	36.801	17.6223	0.85158	1.0712	
2	-	1.4701	16.6143	1.0264	36.754	17.6175	0.85195	1.0692	
3	-	1.4741	16.6153	1.0296	36.777	17.7380	0.85420	1.0730	
6	-	1.4732	16.4142	1.0320	36.774	17.7960	0.85415	1.0726	
7	-	1.4685	16.4059	1.0423	36.768	17.8702	0.85365	1.0662	
8	-	1.4769	16.4626	1.0486	37.076	18.4530	0.85575	1.0739	
9	-	1.4779	16.4132	1.0495	37.079	18.5104	0.85653	1.0743	
10	-	1.4620	16.5209	1.0404	36.774	18.0116	0.85048	1.0578	
13	-	1.4538	16.8070	1.0375	36.425	18.0495	0.85850	1.0455	
14	-	1.4541	16.7959	1.0394	36.566	18.0600	0.86578	1.0452	

* 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 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
Apr.	1.9558	7.5577	24.435	7.4391	374.87	4.6485	4.9442	10.3175
May	1.9558	7.5356	24.750	7.4405	384.45	4.6485	4.9460	10.4956

Other European and non-European countries								
	Australia	Brazil	Canada	China	Hong Kong	Iceland	India	Indonesia
	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Yuan (renminbi) CNY	Hong Kong dollar HKD	Icelandic krona ISK	Indian rupee INR	Indonesian rupiah IDR
2020	1.6549	5.8943	1.5300	7.8747	8.8587	154.59	84.6392	16,627.37
2021	1.5749	6.3779	1.4826	7.6282	9.1932	150.15	87.4392	16,920.72
2020 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
Apr.	1.4663	5.1342	1.3652	6.9605	8.4828	139.83	82.4033	15,566.64
May	1.4995	5.2460	1.3588	7.0830	8.3030	138.46	81.7828	15,422.62

* 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 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
Apr.	3.5106	136.61	1,337.58	4.6208	21.7206	1.5978	9.6191	56.264
May	3.5758	136.24	1,340.10	4.6344	21.1861	1.6515	10.1453	55.421

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 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
Apr.	-	1.4775	16.2796	1.0211	36.559	15.9311	0.83655	1.0819
May	-	1.4621	16.8131	1.0355	36.392	16.5412	0.84969	1.0579

* 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

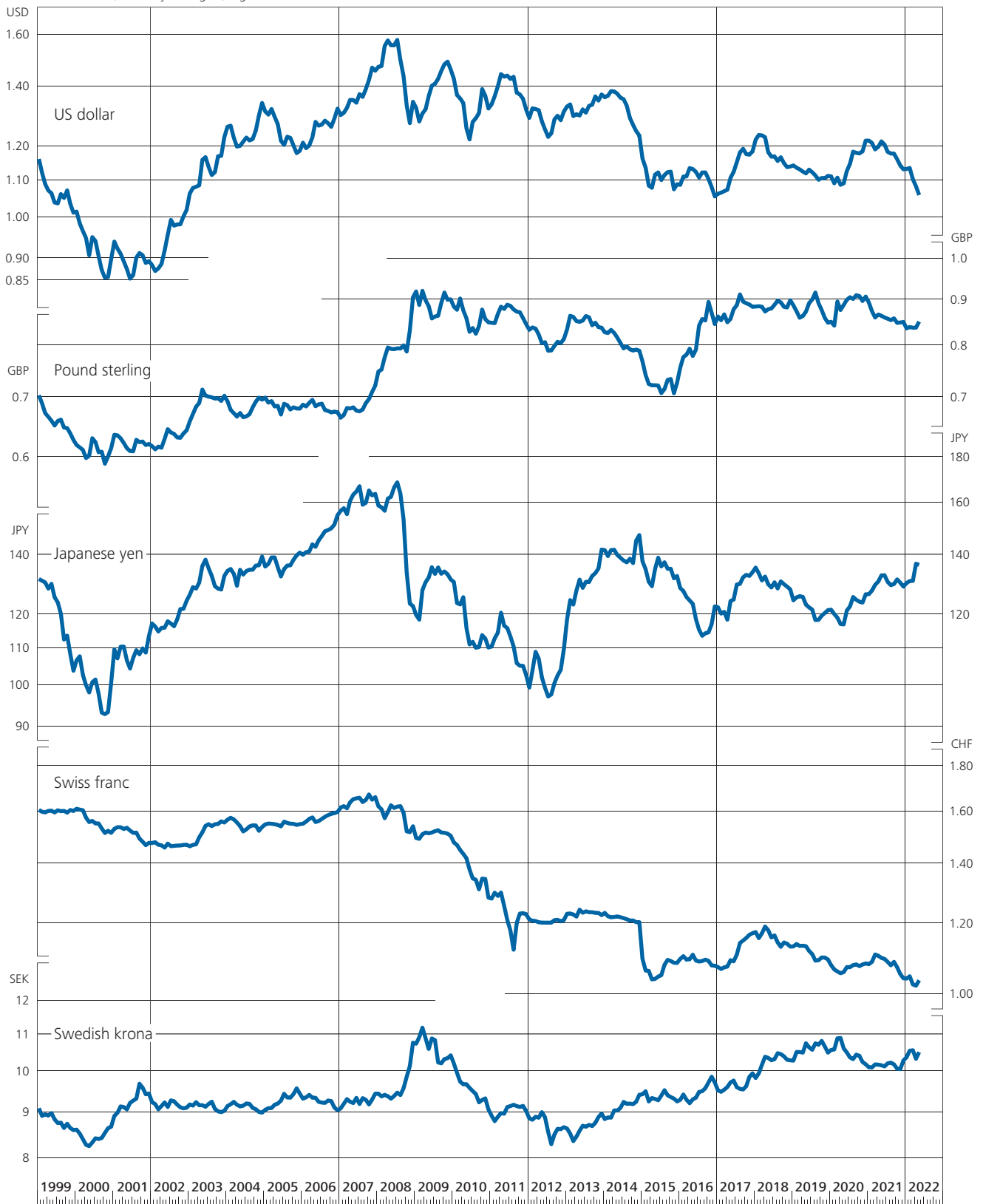
Other European and non-European countries (cont'd)									
Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United Kingdom	United States	
Philippine peso PHP	Russian rouble RUB	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY 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

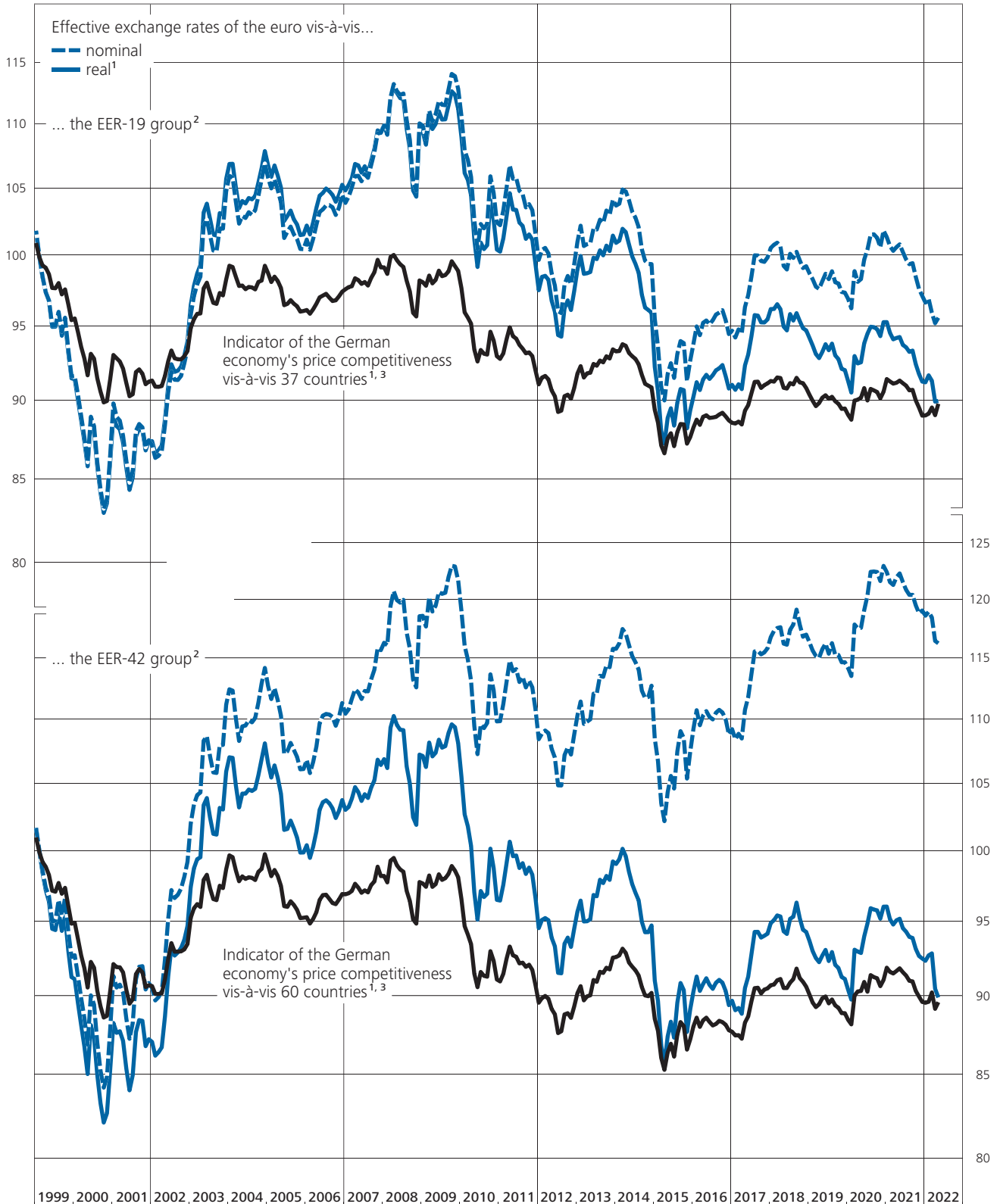


* See explanatory notes, p. 48. ¹ Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB.

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	
	1999	96.2	96.2	96.1	96.0	96.6	96.0
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	106.9	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	93.9	
2021	99.6	93.4	^p 88.5	^p 85.7	120.8	94.2	
2020 June	99.7	93.8			119.1	94.0	
July	100.4	94.5			120.3	94.8	
Aug.	101.5	94.9	90.3	^p 88.3	122.4	95.9	
Sep.	101.5	94.9			122.4	95.8	
Oct.	101.3	94.8			122.4	95.7	
Nov.	100.6	94.3	90.4	^p 87.8	121.6	95.2	
Dec.	101.8	95.3			122.9	96.0	
2021 Jan.	101.3	95.3			122.4	96.0	
Feb.	100.6	94.5	89.9	^p 87.9	121.5	95.1	
Mar.	100.3	94.1			121.2	94.8	
Apr.	100.6	94.2			121.9	95.1	
May	100.8	94.2	89.1	^p 86.0	122.3	95.2	
June	100.2	93.7			121.5	94.5	
July	99.7	93.5			120.8	94.3	
Aug.	99.3	93.2	^p 88.6	^p 85.2	120.4	93.9	
Sep.	99.4	93.3			120.4	93.8	
Oct.	98.4	92.4			119.5	93.1	
Nov.	97.6	91.7	^p 86.4	^p 83.8	118.8	92.6	
Dec.	97.1	91.2			119.0	92.5	
2022 Jan.	96.6	91.2			118.6	^p 92.3	
Feb.	96.9	91.6	...	...	118.9	^p 92.7
Mar.	95.9	91.3			118.4	^p 92.8	
Apr.	95.2	^p 89.9			116.4	^p 90.4	
May	95.6	^p 90.0	...	...	116.2	^p 89.9
2022 May 16	95.3	–	–	–	115.7	–	
17	95.4	–	–	–	116.0	–	
18	95.4	–	–	–	116.0	–	
19	95.3	–	–	–	115.9	–	
20	95.4	–	–	–	115.8	–	
23	95.6	–	–	–	116.1	–	
24	96.1	–	–	–	116.7	–	
25	95.9	–	–	–	116.4	–	
26	96.1	–	–	–	117.0	–	
27	96.0	–	–	–	117.1	–	
30	96.2	–	–	–	117.1	–	
31	95.9	–	–	–	116.8	–	
June 1	96.0	–	–	–	116.8	–	
2	95.9	–	–	–	116.7	–	
3	96.1	–	–	–	117.0	–	
6	96.0	–	–	–	116.9	–	
7	96.0	–	–	–	116.8	–	
8	96.5	–	–	–	117.5	–	
9	96.6	–	–	–	117.6	–	
10	95.8	–	–	–	116.4	–	
13	95.7	–	–	–	116.2	–	
14	95.8	–	–	–	116.4	–	

* 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 March 2, 2022 until further notice. For the calculation of effective exchange rates, an indicative rate is used for the Russian Federation from that date. 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.

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					
1999	97.9	99.6	95.9	97.7	98.3	100.1	96.1	98.1	97.8	
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	105.1	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	88.1	98.8	94.0	105.7	94.3	92.6	
2011	92.1	88.5	97.6	87.4	98.2	93.7	104.8	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	86.6	98.1	93.3	105.2	92.3	91.0	
2014	92.9	89.6	97.7	87.4	98.2	93.6	104.7	92.5	91.6	
2015	89.8	90.3	88.9	83.6	94.4	94.1	94.4	87.8	87.0	
2016	90.7	90.8	90.4	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	91.2	90.9	
2019	92.2	91.2	93.5	85.8	96.4	94.3	99.2	89.9	89.5	
2020	92.1	91.2	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	91.1	
2018 Dec.					97.2	94.5	100.9	90.8	90.6	
2019 Jan.					96.8	94.2	100.3	90.4	90.1	
Feb.	92.2	90.8	94.1	85.7	96.5	94.0	99.9	90.0	89.5	
Mar.					96.2	94.0	99.2	89.6	89.3	
Apr.					96.5	94.4	99.4	89.8	89.4	
May					96.7	94.5	99.6	90.2	89.8	
June	92.2	91.1	93.8	85.7	96.8	94.4	100.2	90.3	89.9	
July					96.7	94.4	99.7	90.1	89.5	
Aug.					96.4	94.2	99.4	90.2	89.7	
Sep.	92.2	91.3	93.4	86.0	96.2	94.4	98.4	89.9	89.4	
Oct.					96.1	94.4	98.5	89.8	89.2	
Nov.					95.9	94.4	97.9	89.4	88.9	
Dec.	92.1	91.5	92.8	85.9	95.9	94.4	97.8	89.5	88.9	
2020 Jan.					95.9	94.5	97.6	89.1	88.4	
Feb.	91.7	91.3	92.0	85.4	95.5	94.5	96.6	88.7	88.1	
Mar.					96.3	94.5	98.8	90.0	90.0	
Apr.					96.1	94.7	98.0	90.0	90.3	
May					96.3	94.8	98.2	90.2	90.3	
June	91.2	91.1	91.2	85.8	97.0	94.8	100.1	90.8	90.9	
July					96.0	93.4	99.6	90.0	90.3	
Aug.					97.0	94.1	101.0	90.7	91.3	
Sep.	92.6	91.3	94.5	86.9	96.8	93.9	100.9	90.6	91.2	
Oct.					96.7	93.8	100.7	90.5	91.1	
Nov.					96.5	93.7	100.5	90.1	90.6	
Dec.	93.0	91.2	95.4	86.8	97.0	93.7	101.8	90.6	91.0	
2021 Jan.					98.0	94.7	102.7	91.4	91.8	
Feb.	93.2	91.6	95.6	86.8	98.0	95.0	102.3	91.2	91.6	
Mar.					97.7	94.9	101.7	91.1	91.5	
Apr.					97.8	94.9	102.0	91.2	91.6	
May					98.0	95.0	102.4	91.3	91.8	
June	93.0	91.1	95.6	86.3	97.9	95.1	101.9	91.1	91.5	
July					97.6	95.2	101.0	91.0	91.3	
Aug.					97.3	95.0	100.5	90.7	91.0	
Sep.	93.8	92.2	95.9	87.0	97.4	95.0	100.6	90.7	90.9	
Oct.					96.6	94.6	99.4	90.0	90.3	
Nov.					96.2	94.4	98.5	89.5	89.9	
Dec.	93.3	92.4	94.6	86.4	95.8	94.2	97.9	89.0	89.6	
2022 Jan.					p	96.0	p	98.3	p	89.5
Feb.	p	92.3	p	91.6	p	96.1	p	98.8	p	89.6
Mar.					p	96.3	p	98.7	p	90.2
Apr.					p	96.1	p	94.8	p	89.1
May	p	96.7	p	95.4	p	89.6

* The weights are based on trade in manufactured goods and services. For information on methodology and grouping of countries, see Explanatory notes, pp. 48-50. A decline in the figures implies an increase in competitiveness. Where current price and wage indices were not available, estimates were used. ¹ Includes euro area countries (moving composition) as well as the 8 most important trading partners for the German

economy. ² Includes the 37 respectively 60 most important trading partners for the German economy. 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		
					March 2022	April 2022	May 2022
Afghanistan							
Kabul	Afghani = 100 puls	B	USD 1 =	AFN 84.6650	AFN 88.6536	AFN 85.9533	AFN 89.1375
		S	USD 1 =	AFN 84.7650	AFN 88.7536	AFN 86.0533	AFN 89.2375
	AFN	B	EUR 1 =	AFN 98.5505	AFN 97.5100	AFN 93.3600	AFN 95.7575
S		EUR 1 =	AFN 98.8105	AFN 97.7700	AFN 93.6200	AFN 96.0175	
Albania							
Tirana	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 103.55	ALL 109.28	ALL 114.56	ALL 112.51
		M	EUR 1 =	ALL 122.44	ALL 121.62	ALL 121.10	ALL 120.75
Algeria							
Algiers	Algerian dinar = 100 centimes	B	USD 1 =	DZD 135.0950	DZD 142.6596	DZD 145.2751	DZD 145.4752
		S	USD 1 =	DZD 135.1100	DZD 142.6746	DZD 145.2901	DZD 145.4902
	DZD	B	EUR 1 =	DZD 159.7263	DZD 158.2095	DZD 153.6139	DZD 155.6148
		S	EUR 1 =	DZD 159.7809	DZD 158.2547	DZD 153.6879	DZD 155.6600
Angola							
Luanda	Kwanza = 100 cêntimos	B	USD 1 =	AOA .	AOA 440.1450	AOA 401.2020	AOA 418.2620
		S	USD 1 =	AOA .	AOA 452.7320	AOA 410.0330	AOA 428.4500
		M	USD 1 =	AOA 618.5901	AOA 446.4385	AOA 405.6175	AOA 423.3560
	AOA	B	EUR 1 =	AOA .	AOA 488.0450	AOA 422.5860	AOA 448.0010
		S	EUR 1 =	AOA .	AOA 502.0480	AOA 431.9280	AOA 458.9560
		M	EUR 1 =	AOA 731.6493	AOA 495.0465	AOA 427.2570	AOA 453.4785
Antigua und 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 2.9842	XCD 2.8334	XCD 2.8799
		V, S	EUR 1 =	XCD 3.2133	XCD 3.0160	XCD 2.8636	XCD 2.9106
Argentina 1							
Buenos Aires	Argentine peso = 100 centavos	B	USD 1 =	ARS 94.9607	ARS 110.8100	ARS 115.1100	ARS 120.0000
		S	USD 1 =	ARS 95.1607	ARS 111.0100	ARS 115.3100	ARS 120.2000
	ARS	B	EUR 1 =	ARS 112.1389	ARS 122.6223	ARS 121.5677	ARS 128.7240
		S	EUR 1 =	ARS 112.6132	ARS 123.1212	ARS 122.0672	ARS 129.2390
Armenia							
Yerevan	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 502.79	AMD 485.91	AMD 453.26	AMD 447.99
		M	EUR 1 =	AMD 595.28	AMD 539.21	AMD 478.91	AMD 478.90
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 197.71	AWG 188.25	AWG 190.56
		S	EUR 100 =	AWG 212.56	AWG 199.69	AWG 190.14	AWG 192.48

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		
					March 2022	April 2022	May 2022
Australia							
Canberra	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.7514	USD 0.7482	USD 0.7148	USD 0.7187
		M	AUD 1 =	EUR 0.6346	EUR 0.6704	EUR 0.6782	EUR 0.6688
Austria							
Vienna	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1101	USD 1.0540	USD 1.0713
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 1.8975	AZN 1.7887	AZN 1.8267
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 1.10455	BSD 1.04873	BSD 1.06594
		V, S	EUR 1 =	BSD 1.19748	BSD 1.12398	BSD 1.06718	BSD 1.08469
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 0.4197250	BHD 0.3967850	BHD 0.4051340
Bangladesh 1							
Dhaka	Taka = 100 poisha BDT	B	USD 1 =	BDT 85.1309	BDT 86.2000	BDT 86.4500	BDT 89.0000
		S	USD 1 =	BDT 85.1410	BDT 86.2000	BDT 86.4500	BDT 89.0000
		B	EUR 1 =	BDT 100.4158	BDT 96.1647	BDT 91.1269	BDT 95.9153
		S	EUR 1 =	BDT 100.4638	BDT 96.1992	BDT 91.1615	BDT 95.9509
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 2.22212	BBD 2.10205	BBD 2.14705
		S	EUR 1 =	BBD 2.39797	BBD 2.26378	BBD 2.14146	BBD 2.18731
Belarus							
Minsk	Belarusian rouble = 100 kopecks BYN	M	USD 1 =	BYN 2.5377	BYN 2.9732	BYN 2.6534	BYN 2.5884
		M	EUR 1 =	BYN 3.0020	BYN 3.3084	BYN 2.7896	BYN 2.6864

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		
					March 2022	April 2022	May 2022
Belgium							
Brussels	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1101	USD 1.0540	USD 1.0713
Belize							
Belmopan	Belize dollar = 100 cents BZD	2 B	USD 1 =	BZD 1.9825	BZD 1.9825	BZD 1.9825	BZD 1.9825
		2 S	USD 1 =	BZD 2.0175	BZD 2.0175	BZD 2.0175	BZD 2.0175
		B	EUR 1 =	BZD 2.3422	BZD 2.1954	BZD 2.0884	BZD 2.1229
		S	EUR 1 =	BZD 2.3835	BZD 2.2342	BZD 2.1252	BZD 2.1603
Benin ¹							
Porto-Novo Seat of government: Cotonou	CFA franc XOF	B	USD 1 =	XOF 551.75	XOF 584.50	XOF 617.50	XOF 607.00
		S	USD 1 =	XOF 558.75	XOF 591.50	XOF 624.50	XOF 614.00
		3	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Bermuda							
Hamilton	Bermudian dollar = 100 cents BMD	2 B	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
		2 S	USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
		V, B	EUR 1 =	BMD 1.1780	BMD 1.1057	BMD 1.0498	BMD 1.0670
		V, S	EUR 1 =	BMD 1.1878	BMD 1.1149	BMD 1.0585	BMD 1.0759
Bhutan ¹							
Thimphu	Ngultrum = 100 chhetrum	B	USD 1 =	BTN 72.7250	BTN 74.80	BTN 75.35	BTN 76.40
		S	USD 1 =	BTN 74.9833	BTN 77.15	BTN 77.70	BTN 78.75
	B	EUR 1 =	BTN 85.8208	BTN 83.20	BTN 79.20	BTN 82.15	
	S	EUR 1 =	BTN 88.2042	BTN 85.55	BTN 81.40	BTN 84.45	
Bolivia, Plurinational State of							
Sucre Seat of government: La Paz	Boliviano = 100 centavos BOB	B	USD 1 =	BOB 6.86	BOB 6.86	BOB 6.86	BOB 6.86
		S	USD 1 =	BOB 6.96	BOB 6.96	BOB 6.96	BOB 6.96
		V, B	EUR 1 =	BOB 8.1115	BOB 7.6153	BOB 7.2304	BOB 7.3491
		V, S	EUR 1 =	BOB 8.2297	BOB 7.7263	BOB 7.3358	BOB 7.4562
Bosnia and Herzegovina							
Sarajevo	Convertible marka = 100 feninga BAM	B	USD 1 =	BAM 1.652476	BAM 1.753496	BAM 1.850987	BAM 1.812467
		S	USD 1 =	BAM 1.660759	BAM 1.762286	BAM 1.860265	BAM 1.821553
		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 0.0875	USD 0.0829	USD 0.0831
		S	BWP 1 =	USD 0.0897	USD 0.0873	USD 0.0827	USD 0.0829
	B	BWP 1 =	EUR 0.0761	EUR 0.0788	EUR 0.0787	EUR 0.0778	
	S	BWP 1 =	EUR 0.0759	EUR 0.0786	EUR 0.0785	EUR 0.0776	

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		
					March 2022	April 2022	May 2022
Brazil							
Brasília	Brazilian real = 100 centavos	B	USD 1 =	BRL 5.3949	BRL 4.7372	BRL 4.9185	BRL 4.7283
		S	USD 1 =	BRL 5.3956	BRL 4.7378	BRL 4.9191	BRL 4.7289
	BRL	B	EUR 1 =	BRL 6.3727	BRL 5.2550	BRL 5.1841	BRL 5.0730
S		EUR 1 =	BRL 6.3752	BRL 5.2561	BRL 5.1852	BRL 5.0755	
Brunei Darussalam ¹							
Bandar Seri Begawan	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3349	BND 1.3440	BND 1.3755	BND 1.3601
		S	USD 1 =	BND 1.3524	BND 1.3614	BND 1.3925	BND 1.3771
	BND	B	EUR 1 =	BND 1.5607	BND 1.4853	BND 1.4332	BND 1.4428
S		EUR 1 =	BND 1.6152	BND 1.5399	BND 1.4873	BND 1.4969	
Bulgaria							
Sofia	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.65458	BGN 1.76185	BGN 1.85563	BGN 1.82566
		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 584.50	XOF 617.50	XOF 607.00
		S	USD 1 =	XOF 558.75	XOF 591.50	XOF 624.50	XOF 614.00
	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 2,000.1465	BIF 2,004.3837	BIF 2,008.8288
		S	USD 1 =	BIF 1,998.1200	BIF 2,040.5535	BIF 2,044.8763	BIF 2,049.4112
	BIF	B	EUR 1 =	BIF 2,313.7970	BIF 2,233.1636	BIF 2,114.4244	BIF 2,159.4910
S		EUR 1 =	BIF 2,360.5404	BIF 2,278.2780	BIF 2,157.1400	BIF 2,203.1170	
Cabo Verde							
Praia	Cabo Verde escudo = 100 centavos	B	USD 1 =	CVE 93.355	CVE 99.005	CVE 105.064	CVE 102.33768
		S	USD 1 =	CVE 93.557	CVE 99.207	CVE 105.266	CVE 102.53968
	CVE	²	EUR 1 =	CVE 110.265	CVE 110.265	CVE 110.265	CVE 110.265
Cambodia							
Phnom Penh	Riel = 100 sen KHR	M	USD 1 =	KHR 4,068	KHR 4,050	KHR 4,046	KHR 4,062
		B	EUR 1 =	KHR 4,804	KHR 4,521	KHR 4,254	KHR 4,376
	S	EUR 1 =	KHR 4,852	KHR 4,566	KHR 4,296	KHR 4,419	
Cameroon ¹							
Yaoundé	CFA franc	B	USD 1 =	XAF 552.0688	XAF 585.0009	XAF 618.0343	XAF 607.8791
		S	USD 1 =	XAF 556.8834	XAF 592.4842	XAF 620.9832	XAF 613.1929
	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 1.2496	CAD 1.2792	CAD 1.2648
		M	EUR 1 =	CAD 1.4798	CAD 1.3853	CAD 1.3492	CAD 1.3561

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		
					March 2022	April 2022	May 2022
Cayman Islands							
George Town	Cayman Islands dollar = 100 cents KYD	2	KYD 1 =	USD 1.20	USD 1.20	USD 1.20	USD 1.20
		V	EUR 1 =	KYD 0.9856	KYD 0.9251	KYD 0.8783	KYD 0.8928
Central African Republic ¹							
Bangui	CFA franc XAF	B	USD 1 =	XAF 552.0688	XAF 585.0009	XAF 618.0343	XAF 607.8791
		S	USD 1 =	XAF 556.8834	XAF 592.4842	XAF 620.9832	XAF 613.1929
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chad ¹							
N'Djaména	CFA franc XAF	B	USD 1 =	XAF 552.0688	XAF 585.0009	XAF 618.0343	XAF 607.8791
		S	USD 1 =	XAF 556.8834	XAF 592.4842	XAF 620.9832	XAF 613.1929
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chile							
Santiago	Chilean peso = 100 centavos CLP	M	USD 1 =	CLP 759.27	CLP 787.16	CLP 856.58	CLP 826.26
		M	EUR 1 =	CLP 897.37	CLP 878.04	CLP 900.05	CLP 890.85
China							
Beijing	Chinese renminbi ⁴ 1 yuan (renminbi) = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.4515	CNY 6.3482	CNY 6.6177	CNY 6.6607
		M	EUR 1 =	CNY 7.6186	CNY 7.0847	CNY 6.9531	CNY 7.1747
		M	HKD 1 =	CNY 0.82956	CNY 0.81101	CNY 0.84338	CNY 0.84865
China (Taiwan)							
Taipei	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 27.948	TWD 28.575	TWD 29.425	TWD 28.995
		S	USD 1 =	TWD 28.048	TWD 28.675	TWD 29.525	TWD 29.095
		B	EUR 1 =	TWD 32.91	TWD 31.72	TWD 30.94	TWD 30.99
S	EUR 1 =	TWD 33.31	TWD 32.12	TWD 31.34	TWD 31.39		
Colombia							
Bogotá	Colombian peso = 100 centavos COP	M	USD 1 =	COP 3,745.89	COP 3,748.15	COP 3,984.77	COP 3,912.34
		V, M	EUR 1 =	COP 4,427.750	COP 4,160.821	COP 4,199.948	COP 4,191.290
Comoros							
Moroni	Comorian franc = 100 centimes KMF	V	USD 1 =	KMF 554.47610	KMF 443.17426	KMF 466.76257	KMF 459.22501
		3	EUR 1 =	KMF 491.96775	KMF 491.96775	KMF 491.96775	KMF 491.96775
Congo ¹							
Brazzaville	CFA franc XAF	B	USD 1 =	XAF 552.0688	XAF 585.0009	XAF 618.0343	XAF 607.8791
		S	USD 1 =	XAF 556.8834	XAF 592.4842	XAF 620.9832	XAF 613.1929
		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		
					March 2022	April 2022	May 2022
Congo, Democratic Republic of the							
Kinshasa	Congo franc = 100 centimes	B	USD 1 =	CDF 1,949.9472	CDF 1,959.7558	CDF 1,963.9574	CDF 1,964.4909
		S	USD 1 =	CDF 2,029.5369	CDF 2,039.7459	CDF 2,044.1189	CDF 2,044.6742
	CDF	B	EUR 1 =	CDF 2,291.5890	CDF 2,181.6254	CDF 2,060.5832	CDF 2,108.7248
		S	EUR 1 =	CDF 2,385.1233	CDF 2,270.6713	CDF 2,144.6887	CDF 2,194.7952
Cook Islands 1							
Avarua	Cook Islands dollar 2 = 100 cents	B	NZD 1 =	EUR 0.6094	EUR 0.6349	EUR 0.6307	EUR 0.6201
		S	NZD 1 =	EUR 0.5865	EUR 0.6110	EUR 0.6069	EUR 0.5968
	NZD						
Costa Rica							
San José	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 619.28	CRC 660.48	CRC 663.08	CRC 681.62
		S	USD 1 =	CRC 625.65	CRC 667.10	CRC 670.36	CRC 689.74
	CRC	V, B	EUR 1 =	CRC 731.5009	CRC 733.1988	CRC 698.8863	CRC 730.2195
		V, S	EUR 1 =	CRC 739.0335	CRC 740.5477	CRC 706.5594	CRC 738.9185
Côte d'Ivoire 1							
Yamoussoukro Seat of government: Abidjan	CFA franc	B	USD 1 =	XOF 551.75	XOF 584.50	XOF 617.50	XOF 607.00
		S	USD 1 =	XOF 558.75	XOF 591.50	XOF 624.50	XOF 614.00
	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 6.785800	HRK 7.129752	HRK 7.011057
		S	USD 1 =	HRK 6.384379	HRK 6.826638	HRK 7.172660	HRK 7.053249
	HRK	B	EUR 1 =	HRK 7.501896	HRK 7.553953	HRK 7.540426	HRK 7.511646
		S	EUR 1 =	HRK 7.547043	HRK 7.599413	HRK 7.585804	HRK 7.556852
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 26.50666	CUP 24.95038	CUP 25.61566
		S	EUR 1 =	CUP 28.65269	CUP 27.04214	CUP 25.45442	CUP 26.13314
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 197.71	ANG 188.26	ANG 190.57
		S	EUR 100 =	ANG 214.69	ANG 201.70	ANG 192.05	ANG 194.41
Cyprus							
Nicosia	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1101	USD 1.0540	USD 1.0713
Czechia							
Prague	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 21.682	CZK 21.963	CZK 23.344	CZK 23.070
		M	EUR 1 =	CZK 25.648	CZK 24.385	CZK 24.605	CZK 24.710

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		
					March 2022	April 2022	May 2022
Denmark							
Copenhagen	Danish krone = 100 øre DKK	M	USD 100 =	DKK 629.18	DKK 670.02	DKK 706.02	DKK 694.43
		M	EUR 100 =	DKK 743.68	DKK 743.79	DKK 744.15	DKK 743.94
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 195.86	DJF 184.65	DJF .
		S	EUR 1 =	DJF 215.43	DJF 203.51	DJF 191.86	DJF .
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 2.9842	XCD 2.8334	XCD 2.8799
		V, S	EUR 1 =	XCD 3.2133	XCD 3.0160	XCD 2.8636	XCD 2.9106
Dominican Republic							
Santo Domingo	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 56.4066	DOP 54.3050	DOP 54.3260	DOP 54.4615
		S	USD 1 =	DOP 57.5248	DOP 55.5296	DOP 55.5120	DOP 55.5162
		B	EUR 1 =	DOP 65.9005	DOP 59.3204	DOP 56.7248	DOP 57.5767
		S	EUR 1 =	DOP 69.5595	DOP 62.9379	DOP 60.5307	DOP 61.2534
Egypt							
Cairo	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 15.63	EGP 18.24	EGP 18.45	EGP 18.55
		S	USD 1 =	EGP 15.73	EGP 18.34	EGP 18.51	EGP 18.61
		B	EUR 1 =	EGP 18.4380	EGP 20.1899	EGP 19.3208	EGP 19.8114
		S	EUR 1 =	EGP 18.6426	EGP 20.5115	EGP 19.5540	EGP 20.0579
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 9.7134	SVC 9.2225	SVC 9.3739
Equatorial Guinea ¹							
Malabo	CFA franc XAF	B	USD 1 =	XAF 552.0688	XAF 585.0009	XAF 618.0343	XAF 607.8791
		S	USD 1 =	XAF 556.8834	XAF 592.4842	XAF 620.9832	XAF 613.1929
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Eritrea							
Asmara	Nakfa = 100 centes 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 16.4820	ERN 15.7470	ERN 16.1625
		S	EUR 1 =	ERN 18.3802	ERN 17.1182	ERN 16.3832	ERN 16.7987
Estonia							
Tallinn	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1101	USD 1.0540	USD 1.0713

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		
					March 2022	April 2022	May 2022
Eswatini ¹							
Mbabane	Lilangeni = 100 cents	B	USD 1 =	SZL 14.9300	SZL 14.4767	SZL 15.8759	SZL 15.5362
		S	USD 1 =	SZL 14.9386	SZL 14.4831	SZL 15.8855	SZL 15.5435
	SZL	B	EUR 1 =	SZL 17.6211	SZL 16.1724	SZL 16.7371	SZL 16.6823
		S	EUR 1 =	SZL 17.6331	SZL 16.1818	SZL 16.7510	SZL 16.6915
Ethiopia							
Addis Ababa	Birr = 100 cents	B	USD 1 =	ETB 44.1351	ETB 50.9867	ETB 51.3992	ETB 51.5678
		S	USD 1 =	ETB 45.0178	ETB 52.0064	ETB 52.4272	ETB 52.5992
	ETB	B	EUR 1 =	ETB 52.0705	ETB 56.7074	ETB 54.0103	ETB 55.5540
		S	EUR 1 =	ETB 53.1119	ETB 57.8415	ETB 55.0905	ETB 56.6651
Falkland Islands (Islas Malvinas)							
Stanley	Falkland Islands pound ² = 100 pence FKP	V	USD 1 =	FKP 0.72681	FKP 0.76205	FKP 0.79609	FKP 0.79472
		V	EUR 1 =	FKP 0.85960	FKP 0.84595	FKP 0.83908	FKP 0.85138
Fiji							
Suva	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4911	USD 0.4866	USD 0.4682	USD 0.4722
		S	FJD 1 =	USD 0.4741	USD 0.4696	USD 0.4529	USD 0.4552
	FJD	B	FJD 1 =	EUR 0.4137	EUR 0.4339	EUR 0.4431	EUR 0.4356
		S	FJD 1 =	EUR 0.4017	EUR 0.4219	EUR 0.4305	EUR 0.4236
Finland							
Helsinki	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1101	USD 1.0540	USD 1.0713
France							
Paris	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1101	USD 1.0540	USD 1.0713
Gabon ¹							
Libreville	CFA franc	B	USD 1 =	XAF 552.0688	XAF 585.0009	XAF 618.0343	XAF 607.8791
		S	USD 1 =	XAF 556.8834	XAF 592.4842	XAF 620.9832	XAF 613.1929
	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 52.91	GMD 53.30	GMD 53.27
		M	EUR 1 =	GMD 60.85	GMD 60.17	GMD 59.91	GMD 58.39
Georgia							
Tbilisi	Lari = 100 tetri GEL	M	USD 1 =	GEL 3.2239	GEL 3.1013	GEL 3.0591	GEL 2.9546
		M	EUR 1 =	GEL 3.8152	GEL 3.4496	GEL 3.2338	GEL 3.1833

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		
					March 2022	April 2022	May 2022
Germany							
Berlin	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1101	USD 1.0540	USD 1.0713
Ghana							
Accra	Ghana cedi = 100 Ghana pesewas GHS	B S	USD 1 =	GHS 5.8147	GHS 7.1086	GHS 7.1092	GHS 7.1405
			USD 1 =	GHS 5.8206	GHS 7.1158	GHS 7.1164	GHS 7.1477
		B S	EUR 1 =	GHS 6.8619	GHS 7.8940	GHS 7.4929	GHS 7.6615
			EUR 1 =	GHS 6.8688	GHS 7.9031	GHS 7.4997	GHS 7.6685
Gibraltar							
Gibraltar	Gibraltar pound ² = 100 pence GIP	V V	USD 1 =	GIP 0.72681	GIP 0.76205	GIP 0.79609	GIP 0.79472
			EUR 1 =	GIP 0.85960	GIP 0.84595	GIP 0.83908	GIP 0.85138
Greece							
Athens	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1101	USD 1.0540	USD 1.0713
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 2.9842	XCD 2.8334	XCD 2.8799
			EUR 1 =	XCD 3.2133	XCD 3.0160	XCD 2.8636	XCD 2.9106
Guatemala							
Guatemala City	Quetzal = 100 centavos GTQ	M V, M	USD 1 =	GTQ 7.73242	GTQ 7.68025	GTQ 7.66517	GTQ 7.68434
			EUR 1 =	GTQ 9.13640	GTQ 8.52585	GTQ 8.07909	GTQ 8.23223
Guinea							
Conakry	Guinean franc GNF	M M	USD 1 =	GNF 9,723.6035	GNF 8,801.2976	GNF 8,686.2748	GNF 8,630.1948
			EUR 1 =	GNF 11,495.2927	GNF 9,792.3196	GNF 9,107.5627	GNF 9,253.2906
Guinea-Bissau ¹							
Bissau	CFA franc XOF	B S	USD 1 =	XOF 551.75	XOF 584.50	XOF 617.50	XOF 607.00
			USD 1 =	XOF 558.75	XOF 591.50	XOF 624.50	XOF 614.00
		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 230.81	GYD 219.40	GYD 222.52
			EUR 1 =	GYD 248.77	GYD 233.77	GYD 222.22	GYD 225.38

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		
					March 2022	April 2022	May 2022
Haiti							
Port-au-Prince	Gourde = 100 centimes HTG	M	USD 1 =	HTG 89.8776	HTG 104.8940	HTG 107.1084	HTG 109.1853
		V, M	EUR 1 =	HTG 106.0149	HTG 116.4428	HTG 112.8923	HTG 116.9702
Honduras							
Tegucigalpa	Lempira = 100 centavos HNL	B	USD 1 =	HNL 24.0308	HNL 24.3406	HNL 24.3436	HNL 24.3988
		S	USD 1 =	HNL 24.1990	HNL 24.5110	HNL 24.5140	HNL 24.5696
		V, B	EUR 1 =	HNL 28.3919	HNL 27.0205	HNL 25.6582	HNL 26.1384
		V, S	EUR 1 =	HNL 28.5906	HNL 27.2097	HNL 25.8378	HNL 26.3214
Hong Kong							
Hong Kong	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.74263	HKD 7.79900	HKD 7.81670	HKD 7.81760
		S	USD 1 =	HKD 7.80440	HKD 7.86080	HKD 7.87850	HKD 7.87930
		B	EUR 1 =	HKD 9.11766	HKD 8.67060	HKD 8.22230	HKD 8.36750
		S	EUR 1 =	HKD 9.26113	HKD 8.81350	HKD 8.36480	HKD 8.51010
Hungary							
Budapest	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 303.29	HUF 332.09	HUF 356.78	HUF 367.31
		M	EUR 1 =	HUF 358.85	HUF 369.62	HUF 377.12	HUF 394.05
Iceland							
Reykjavík	Icelandic krona ISK	M	USD 1 =	ISK 126.865	ISK 127.92	ISK 130.74	ISK 127.23
		M	EUR 1 =	ISK 149.360	ISK 142.00	ISK 137.80	ISK 136.30
India ¹							
New Delhi	Indian rupee = 100 paise INR	M	USD 1 =	INR 73.9236	INR 75.8071	INR 76.4242	INR 77.6641
		M	EUR 1 =	INR 87.2595	INR 84.6599	INR 80.5807	INR 83.4107
Indonesia							
Jakarta	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 14,244.17	IDR 14,277.26	IDR 14,345.91	IDR 14,471.28
		S	USD 1 =	IDR 14,387.33	IDR 14,420.75	IDR 14,490.09	IDR 14,616.72
		B	EUR 1 =	IDR 16,855.79	IDR 15,920.57	IDR 15,193.75	IDR 15,573.99
		S	EUR 1 =	IDR 17,029.16	IDR 16,086.35	IDR 15,347.90	IDR 15,731.98
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 46,888	IRR 44,279	IRR 45,264
		3 M	USD 1 =	IRR 264,425	IRR 270,000	IRR 281,000	IRR 311,000
		3 M	EUR 1 =	IRR 311,408	IRR 301,500	IRR 296,300	IRR 334,300

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		
					March 2022	April 2022	May 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
		2 S	USD 1 =	IQD 1,460.00	IQD 1,460.00	IQD 1,460.00	IQD 1,460.00
		B	EUR 1 =	IQD 1,716.752	IQD 1,609.645	IQD 1,520.325	IQD 1,553.385
		S	EUR 1 =	IQD 1,728.592	IQD 1,620.746	IQD 1,530.810	IQD 1,564.098
IQD	IQD	3 S	USD 1 =	IQD 1,472.492	IQD 1,471.685	IQD 1,473.819	IQD 1,482.518
		V, S	EUR 1 =	IQD 1,739.80	IQD 1,633.72	IQD 1,553.41	IQD 1,588.22
Ireland							
Dublin	Euro = 100 cent EUR		M EUR 1 =	USD 1.1827	USD 1.1101	USD 1.0540	USD 1.0713
Israel							
Jerusalem	New shekel = 100 agorot ILS		M USD 1 =	ILS 3.2293	ILS 3.1760	ILS 3.3170	ILS 3.3380
			M EUR 1 =	ILS 3.8217	ILS 3.5236	ILS 3.5127	ILS 3.5757
Italy							
Rome	Euro = 100 cent EUR		M EUR 1 =	USD 1.1827	USD 1.1101	USD 1.0540	USD 1.0713
Jamaica							
Kingston	Jamaican dollar = 100 cents JMD	B	USD 1 =	JMD 150.6347	JMD 152.8918	JMD 153.9820	JMD 152.8689
		S	USD 1 =	JMD 151.7728	JMD 154.1286	JMD 155.5754	JMD 154.6535
		B	EUR 1 =	JMD 173.5355	JMD 164.8638	JMD 161.8024	JMD 159.0222
		S	EUR 1 =	JMD 181.5006	JMD 172.9411	JMD 167.0118	JMD 168.3090
Japan							
Tokyo	Japanese yen = 100 sen JPY	B	USD 1 =	JPY 108.90	JPY 121.39	JPY 127.86	JPY 127.21
		S	USD 1 =	JPY 110.90	JPY 123.39	JPY 129.86	JPY 129.21
		B	EUR 1 =	JPY 128.84	JPY 135.20	JPY 134.33	JPY 136.26
		S	EUR 1 =	JPY 131.84	JPY 138.20	JPY 137.33	JPY 139.26
Jordan							
Amman	Jordanian dinar = 1,000 fils JOD	2 B	USD 1 =	JOD 0.7080	JOD 0.7080	JOD 0.7080	JOD 0.7080
		2 S	USD 1 =	JOD 0.7100	JOD 0.7100	JOD 0.7100	JOD 0.7100
		B	EUR 1 =	JOD 0.83394	JOD 0.78489	JOD 0.74205	JOD 0.75664
		S	EUR 1 =	JOD 0.84081	JOD 0.79406	JOD 0.75004	JOD 0.76524
Kazakhstan							
Nur-Sultan	Tenge = 100 tiyn KZT		M USD 1 =	KZT 426.17	KZT 458.20	KZT 446.38	KZT 427.39
			M EUR 1 =	KZT 503.87	KZT 510.57	KZT 472.09	KZT 460.04

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		
					March 2022	April 2022	May 2022
Kenya ¹							
Nairobi	Kenya shilling = 100 cents	B	USD 1 =	KES 109.7793	KES 114.8512	KES 115.6735	KES 116.6382
		S	USD 1 =	KES 109.9793	KES 115.0512	KES 115.8735	KES 116.8382
	KES	B	EUR 1 =	KES 129.5884	KES 127.6718	KES 122.7053	KES 125.4729
		S	EUR 1 =	KES 129.8556	KES 127.9318	KES 122.9535	KES 125.7224
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 1,201.70	KRW 1,250.70	KRW 1,235.80
		S	USD 1 =	KRW 1,156.75	KRW 1,225.30	KRW 1,275.30	KRW 1,260.20
	KRW	B	EUR 1 =	KRW 1,340.63	KRW 1,333.53	KRW 1,318.14	KRW 1,322.75
		S	EUR 1 =	KRW 1,367.70	KRW 1,360.45	KRW 1,344.76	KRW 1,349.47
Kuwait							
Kuwait	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.30033	KWD 0.30260	KWD 0.30485	KWD 0.30435
		S	USD 1 =	KWD 0.30393	KWD 0.30620	KWD 0.30945	KWD 0.30795
	KWD	B	EUR 1 =	KWD 0.354874	KWD 0.335493	KWD 0.322044	KWD 0.325411
		S	EUR 1 =	KWD 0.359128	KWD 0.339484	KWD 0.326903	KWD 0.329260
Kyrgyzstan							
Bishkek	Kyrgyz som = 100 tyjyn KGS	M	USD 1 =	KGS 84.6925	KGS 83.3090	KGS 82.1014	KGS 82.5680
		M	EUR 1 =	KGS 100.1818	KGS 92.9145	KGS 86.7565	KGS 88.8762
Lao People's Democratic Republic							
Vientiane	Kip	B	USD 1 =	LAK 9,812	LAK 11,734	LAK 12,360	LAK 13,415
		S	USD 1 =	LAK 9,831	LAK 11,757	LAK 12,384	LAK 13,442
	LAK	B	EUR 1 =	LAK 11,579	LAK 13,092	LAK 12,997	LAK 14,396
		S	EUR 1 =	LAK 11,644	LAK 13,188	LAK 13,092	LAK 14,502
Latvia							
Riga	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1101	USD 1.0540	USD 1.0713
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 1,676.64	LBP 1,593.13	LBP 1,618.00
	LBP	³ M	USD 1 =	LBP 17,817.00 ⁴	LBP 22,100.00	LBP 22,600.00	LBP 24,500.00
		V, M	EUR 1 =	LBP 20,625.24 ⁴	LBP 24,533.21	LBP 23,820.40	LBP 26,246.85

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		
					March 2022	April 2022	May 2022
Lesotho ¹							
Maseru	Loti = 100 lisente LSL	M	USD 1 =	LSL 14.9194	LSL 14.5791	LSL 15.7625	LSL 15.6021
		M	EUR 1 =	LSL 17.6004	LSL 16.1872	LSL 16.6034	LSL 16.7192
Liberia ¹							
Monrovia	Liberian dollar = 100 cents LRD	B	USD 1 =	LRD 164.6458	LRD 151.8828	LRD .	LRD .
		S	USD 1 =	LRD 166.1336	LRD 153.5618	LRD .	LRD .
		V, B V, S	EUR 1 = EUR 1 =	LRD 194.7908 LRD 196.5456	LRD 168.6051 LRD 170.4690	LRD . LRD .	LRD . LRD .
Libya							
Tripoli	Libyan dinar = 1,000 dirham LYD	B	USD 1 =	LYD 4.5088	LYD 4.6311	LYD 4.7785	LYD 4.7440
		S	USD 1 =	LYD 4.5314	LYD 4.6543	LYD 4.8025	LYD 4.7677
		B	EUR 1 =	LYD 5.3197	LYD 5.1706	LYD 5.0260	LYD 5.0955
		S	EUR 1 =	LYD 5.3464	LYD 5.1965	LYD 5.0512	LYD 5.1210
Lithuania							
Luxembourg	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1101	USD 1.0540	USD 1.0713
Macao ¹							
Macao	Pataca = 100 avos MOP	B	USD 1 =	MOP 8.0001	MOP 8.0569	MOP 8.0759	MOP 8.0765
		S	USD 1 =	MOP 8.0263	MOP 8.0831	MOP 8.1021	MOP 8.1027
		B	EUR 1 =	MOP 9.4482	MOP 8.9846	MOP 8.5407	MOP 8.6742
		S	EUR 1 =	MOP 9.4897	MOP 9.0261	MOP 8.5822	MOP 8.7157
Madagascar							
Antananarivo	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 3,837.78	MGA 3,974.97	MGA 3,990.08	MGA 3,990.77
		M	EUR 1 =	MGA 4,529.18	MGA 4,428.91	MGA 4,201.14	MGA 4,269.92
Malawi ¹							
Lilongwe	Malawi kwacha = 100 tambala MWK	B	USD 1 =	MWK 793.6108	MWK 808.3178	MWK 808.7997	MWK 1,011.9512 ¹
		S	USD 1 =	MWK 809.3864	MWK 824.4826	MWK 824.4791	MWK 1,031.3626 ¹
		B	EUR 1 =	MWK 937.3776	MWK 902.1635	MWK 851.9087	MWK 1,086.4308 ¹
		S	EUR 1 =	MWK 956.0102	MWK 920.2050	MWK 868.4239	MWK 1,107.2709 ¹
Malaysia							
Kuala Lumpur Seat of government: Putrajaya	Malaysian ringgit = 100 sen MYR	B	USD 1 =	MYR 4.0772	MYR 4.1365	MYR 4.2823	MYR 4.3001
		S	USD 1 =	MYR 4.2153	MYR 4.2805	MYR 4.4447	MYR 4.4409
		B	EUR 1 =	MYR 4.8162	MYR 4.5773	MYR 4.4875	MYR 4.6112
		S	EUR 1 =	MYR 4.9977	MYR 4.7575	MYR 4.6856	MYR 4.7937

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		
					March 2022	April 2022	May 2022
Maldives							
Malé	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.38	MVR 15.37	MVR 15.39	MVR 15.40
		V, M	EUR 1 =	MVR 18.16588	MVR 17.06224	MVR 16.22106	MVR 16.49802
Mali 1							
Bamako	CFA franc XOF	B	USD 1 =	XOF 551.75	XOF 584.50	XOF 617.50	XOF 607.00
		S	USD 1 =	XOF 558.75	XOF 591.50	XOF 624.50	XOF 614.00
		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 1.1101	USD 1.0540	USD 1.0713
Mauritania							
Nouakchott	Ouguiya MRU	B	USD 1 =	MRU 35.97	MRU 36.21	MRU 36.27	MRU 36.25
		S	USD 1 =	MRU 36.33	MRU 36.57	MRU 36.63	MRU 36.61
		B	EUR 1 =	MRU 42.51	MRU 40.17	MRU 38.07	MRU 38.76
		S	EUR 1 =	MRU 42.94	MRU 40.57	MRU 38.46	MRU 39.15
Mauritius							
Port Louis	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 41.2469	MUR 43.9406	MUR 42.5607	MUR 42.9429
		S	USD 1 =	MUR 42.1464	MUR 44.8400	MUR 43.4600	MUR 43.8421
		B	EUR 1 =	MUR 48.5562	MUR 48.9401	MUR 44.6855	MUR 46.0719
		S	EUR 1 =	MUR 49.8831	MUR 50.2583	MUR 45.9157	MUR 47.3564
Mexico							
Mexico City	Mexican peso = 100 centavos MXN	M	USD 1 =	MXN 20.30618	MXN 19.8911	MXN 20.3453	MXN 19.6855
		V, M	EUR 1 =	MXN 24.12793	MXN 22.0811	MXN 21.4440	MXN 21.0891
Moldova, Republic of							
Chisinau	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 17.67450	MDL 18.3223	MDL 18.5355	MDL 19.0703
		M	EUR 1 =	MDL 20.89660	MDL 20.3891	MDL 19.4594	MDL 20.5472
Mongolia							
Ulan Bator	Togrog = 100 mongo MNT	M	USD 1 =	MNT 2,849.38	MNT 2,948.46	MNT 3,083.88	MNT 3,120.84
		M	EUR 1 =	MNT 3,367.11	MNT 3,285.32	MNT 3,257.19	MNT 3,352.09
Morocco							
Rabat	Moroccan dirham = 100 centimes MAD	M	USD 1 =	MAD 8.9920	MAD 9.6580	MAD 9.9934	MAD 9.8868
		M	EUR 1 =	MAD 10.6331	MAD 10.7233	MAD 10.5330	MAD 10.5848

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		
					March 2022	April 2022	May 2022
Mozambique							
Maputo	Metical = 100 centavos	B S	USD 1 =	MZN 64.55	MZN 63.20	MZN 63.20	MZN 63.21
			USD 1 =	MZN 65.84	MZN 64.46	MZN 64.46	MZN 64.47
	MZN	B S	EUR 1 =	MZN 76.28	MZN 70.17	MZN 66.57	MZN 67.56
			EUR 1 =	MZN 77.80	MZN 71.57	MZN 67.90	MZN 68.91
Myanmar							
Nay Pyi Taw	Kyat = 100 pyas MMK	M M	USD 1 =	MMK 1,630.93	MMK 1,778.00	MMK 1,850.00	MMK 1,850.00
			EUR 1 =	MMK 1,924.25	MMK 1,978.20	MMK 1,955.40	MMK 1,987.50
Namibia 1							
Windhoek	Namibia dollar = 100 cents NAD	M M	USD 1 =	NAD 14.9336	NAD 14.5144	NAD 15.9277	NAD 15.5638
			EUR 1 =	NAD 17.6294	NAD 16.1996	NAD 16.7586	NAD 16.7126
Nepal							
Kathmandu	Nepalese rupee = 100 paisa	B S	USD 1 =	NPR 117.93	NPR 121.16	NPR 121.99	NPR 123.77
			USD 1 =	NPR 118.53	NPR 121.76	NPR 122.59	NPR 124.37
	NPR	B S	EUR 1 =	NPR 139.30	NPR 134.89	NPR 128.97	NPR 133.30
			EUR 1 =	NPR 140.01	NPR 135.56	NPR 129.60	NPR 133.95
Netherlands							
Amsterdam Seat of government: The Hague	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1101	USD 1.0540	USD 1.0713
New Caledonia 1							
Nouméa	CFP franc XPF	V 2	XPF 1,000 =	USD 9.91	USD 9.30	USD 8.83	USD 8.98
			XPF 1,000 =	EUR 8.38	EUR 8.38	EUR 8.38	EUR 8.38
New Zealand							
Wellington	New Zealand dollar = 100 cents	B S	NZD 1 =	USD 0.7300	USD 0.7087	USD 0.6631	USD 0.6664
			NZD 1 =	USD 0.7026	USD 0.6822	USD 0.6382	USD 0.6413
	NZD	B S	NZD 1 =	EUR 0.6094	EUR 0.6349	EUR 0.6307	EUR 0.6201
			NZD 1 =	EUR 0.5865	EUR 0.6110	EUR 0.6069	EUR 0.5968
Nicaragua							
Managua	Córdoba = 100 centavos NIO	M V, M	USD 1 =	NIO 35.1991	NIO 35.6948	NIO 35.7530	NIO 35.8131
			EUR 1 =	NIO 41.58493	NIO 39.62480	NIO 37.68366	NIO 38.36657

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		
					March 2022	April 2022	May 2022
Niger ¹							
Niamey	CFA franc	B	USD 1 =	XOF 551.75	XOF 584.50	XOF 617.50	XOF 607.00
		S	USD 1 =	XOF 558.75	XOF 591.50	XOF 624.50	XOF 614.00
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Nigeria ¹							
Abuja	Naira = 100 kobo	B	USD 1 =	NGN 398.20	NGN 415.25	NGN 414.69	NGN 414.65
		S	USD 1 =	NGN 399.28	NGN 416.25	NGN 415.69	NGN 415.65
	B	EUR 1 =	NGN 470.0003	NGN 461.1018	NGN 437.3735	NGN 443.9243	
	S	EUR 1 =	NGN 472.1110	NGN 462.2123	NGN 438.4282	NGN 444.9949	
North Macedonia							
Skopje	North Macedonia denar = 100 deni	B	USD 1 =	MKD 51.8785	MKD 55.1739	MKD 58.0980	MKD 57.0295
		S	USD 1 =	MKD 52.3999	MKD 55.7285	MKD 58.6818	MKD 57.6027
	B	EUR 1 =	MKD 61.3252	MKD 61.3865	MKD 61.2353	MKD 61.3865	
	S	EUR 1 =	MKD 61.9416	MKD 62.0035	MKD 61.8507	MKD 62.0035	
Norway							
Oslo	Norwegian krone = 100 øre	B	USD 1 =	NOK 8.5681	NOK 8.5882	NOK 9.3010	NOK 9.4255
		S	USD 1 =	NOK 8.6441	NOK 8.6642	NOK 9.3770	NOK 9.5015
	B	EUR 1 =	NOK 10.1309	NOK 9.5956	NOK 9.8039	NOK 10.1155	
	S	EUR 1 =	NOK 10.2159	NOK 9.6806	NOK 9.8889	NOK 10.2005	
Oman							
Muscat	Rial Omani = 1,000 baisa	3 B	USD 1 =	OMR 0.3840	OMR 0.3840	OMR 0.3840	OMR 0.3840
		3 S	USD 1 =	OMR 0.3850	OMR 0.3850	OMR 0.3850	OMR 0.3850
	B	EUR 1 =	OMR 0.4530272	OMR 0.4287360	OMR 0.4037760	OMR 0.4127232	
	S	EUR 1 =	OMR 0.4543257	OMR 0.4298910	OMR 0.4049815	OMR 0.4138365	
Pakistan							
Islamabad	Pakistani rupee = 100 paisa	B	USD 1 =	PKR 163.17	PKR 182.70	PKR 185.60	PKR 199.05
		S	USD 1 =	PKR 163.67	PKR 183.20	PKR 186.10	PKR 199.55
	B	EUR 1 =	PKR 193.17	PKR 204.28	PKR 196.66	PKR 214.42	
	S	EUR 1 =	PKR 193.76	PKR 204.84	PKR 197.19	PKR 214.96	
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 1.1101	PAB 1.0540	PAB 1.0713
Papua New Guinea							
Port Moresby	Kina = 100 toea	B	PGK 1 =	USD 0.2925	USD 0.2915	USD 0.2915	USD 0.2915
		S	PGK 1 =	USD 0.2775	USD 0.2765	USD 0.2765	USD 0.2765
	B	EUR 1 =	EUR 0.2418	EUR 0.2550	EUR 0.2710	EUR 0.2640	
	S	EUR 1 =	EUR 0.2268	EUR 0.2400	EUR 0.2560	EUR 0.2490	

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		
					March 2022	April 2022	May 2022
Paraguay							
Asunción	Guaraní = 100 céntimos	B S	USD 1 =	PYG 6,763.04	PYG 6,921.52	PYG 6,816.94	PYG 6,853.48
			USD 1 =	PYG 6,781.64	PYG 6,931.47	PYG 6,821.40	PYG 6,855.39
	PYG	V, B V, S	EUR 1 = EUR 1 =	PYG 7,993.68 PYG 8,015.16	PYG 7,683.58 PYG 7,694.62	PYG 7,185.05 PYG 7,189.76	PYG 7,342.13 PYG 7,344.18
Peru							
Lima	Sol = 100 céntimos	B S	USD 1 =	PEN 3.879	PEN 3.695	PEN 3.830	PEN 3.695
			USD 1 =	PEN 3.886	PEN 3.701	PEN 3.838	PEN 3.707
	PEN	B S	EUR 1 =	PEN 4.517	PEN 4.055	PEN 4.009	PEN 3.813
			EUR 1 =	PEN 4.782	PEN 4.280	PEN 4.370	PEN 4.088
Philippines							
Manila	Philippine peso = 100 centavos	B S	USD 1 =	PHP 49.00	PHP 51.65	PHP 52.10	PHP 52.10
			USD 1 =	PHP 49.50	PHP 52.15	PHP 52.60	PHP 52.60
	PHP	B S	EUR 1 =	PHP 55.9728	PHP 56.1386	PHP 53.2924	PHP 54.6191
			EUR 1 =	PHP 60.0324	PHP 59.4164	PHP 56.3981	PHP 57.7978
Poland							
Warsaw	Polish zloty = 100 groszy PLN	M M	USD 1 =	PLN 3.8647	PLN 4.1801	PLN 4.4072	PLN 4.2651
			EUR 1 =	PLN 4.5775	PLN 4.6525	PLN 4.6582	PLN 4.5756
Portugal							
Lisbon	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1101	USD 1.0540	USD 1.0713
Qatar							
Doha	Qatari riyal = 100 dirham QAR	2 V, M	USD 1 =	QAR 3.6400	QAR 3.6400	QAR 3.6400	QAR 3.6400
			EUR 1 =	QAR 4.3009	QAR 4.0408	QAR 3.8366	QAR 3.8995
Romania							
Bucharest	Romanian leu = 100 bani RON	M M	USD 1 =	RON 4.1630	RON 4.4508	RON 4.6774	RON 4.6037
			EUR 1 =	RON 4.9244	RON 4.9466	RON 4.9480	RON 4.9430
Russian Federation							
Moscow	Russian rouble = 100 kopecks RUB	M M	USD 1 =	RUB 73.6685	RUB 84.0851	RUB 71.0237	RUB 63.0975
			EUR 1 =	RUB 87.2582	RUB 93.6960 ³	RUB 74.5589 ³	RUB 64.7170 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		
					March 2022	April 2022	May 2022
Rwanda							
Kigali	Rwanda franc = 100 centimes	B	USD 1 =	RWF 979.780622	RWF 1,008.511134	RWF 1,009.932495	RWF 1,012.047388
		S	USD 1 =	RWF 999.374255	RWF 1,028.679320	RWF 1,030.129105	RWF 1,032.286292
	RWF	B	EUR 1 =	RWF 1,158.76928	RWF 1,125.80098	RWF 1,062.75197	RWF 1,087.54612
		S	EUR 1 =	RWF 1,181.94233	RWF 1,148.31473	RWF 1,084.00486	RWF 1,109.29485
Saint Helena, Ascension and Tristan da Cunha							
Jamestown	Saint Helena pound 2 = 100 pence SHP	V	USD 1 =	SHP 0.72681	SHP 0.76205	SHP 0.79609	SHP 0.79472
		V	EUR 1 =	SHP 0.85960	SHP 0.84595	SHP 0.83908	SHP 0.85138
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 2.9842	XCD 2.8334	XCD 2.8799
		V, S	EUR 1 =	XCD 3.2133	XCD 3.0160	XCD 2.8636	XCD 2.9106
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 2.9842	XCD 2.8334	XCD 2.8799
		V, S	EUR 1 =	XCD 3.2133	XCD 3.0160	XCD 2.8636	XCD 2.9106
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 2.9842	XCD 2.8334	XCD 2.8799
		V, S	EUR 1 =	XCD 3.2133	XCD 3.0160	XCD 2.8636	XCD 2.9106
Samoa							
Apia	Tala = 100 sene WST	M	WST 1 =	USD 0.39108	USD 0.38970	USD 0.37607	USD 0.37862
		M	WST 1 =	EUR 0.33107	EUR 0.34935	EUR 0.35790	EUR 0.35124
Sao Tome and Principe							
São Tomé	Dobra = 100 cêntimos	B	USD 1 =	STN 20.7642	STN 22.0205	STN 23.3667	STN 22.7611
		S	USD 1 =	STN 21.0757	STN 22.3508	STN 23.7172	STN 23.1025
	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 4.16288	SAR 3.95250	SAR 4.01738

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			
					March 2022	April 2022	May 2022	
Senegal ¹								
Dakar	CFA franc	B	USD 1 =	XOF 551.75	XOF 584.50	XOF 617.50	XOF 607.00	
		S	USD 1 =	XOF 558.75	XOF 591.50	XOF 624.50	XOF 614.00	
		XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Serbia								
Belgrade	Serbian dinar = 100 para	B	USD 1 =	RSD 99.1383	RSD 105.1855	RSD 111.4821	RSD 108.9893	
		S	USD 1 =	RSD 99.7349	RSD 105.8185	RSD 112.1531	RSD 109.6453	
		RSD	B	EUR 1 =	RSD 117.2203	RSD 117.3975	RSD 117.3238	RSD 117.1636
		S	EUR 1 =	RSD 117.9257	RSD 118.1041	RSD 118.0298	RSD 117.8686	
Seychelles								
Victoria	Seychelles rupee = 100 cents	B	USD 1 =	SCR 16.2706	SCR 14.0274	SCR 13.9954	SCR 13.8921	
		S	USD 1 =	SCR 16.9477	SCR 14.5190	SCR 14.6069	SCR 14.4439	
		SCR	B	EUR 1 =	SCR 19.1849	SCR 15.5980	SCR 14.5652	SCR 14.7393
		S	EUR 1 =	SCR 20.0962	SCR 16.2166	SCR 15.5582	SCR 15.6753	
Sierra Leone ¹								
Freetown	Leone = 100 cents	B	USD 1 =	SLL 10,373.56	SLL 11,770.29	SLL 12,470.27	SLL 12,925.70	
		S	USD 1 =	SLL 10,585.67	SLL 12,008.07	SLL 12,722.19	SLL 13,186.82	
		SLL	B	EUR 1 =	SLL 12,252.77	SLL 13,151.85	SLL 13,486.60	SLL 13,884.26
		S	EUR 1 =	SLL 12,496.53	SLL 13,411.72	SLL 13,754.32	SLL 14,163.12	
Singapore ¹								
Singapore	Singapore dollar = 100 cents	M	USD 1 =	SGD 1.3433	SGD 1.3534	SGD 1.3848	SGD 1.3697	
			SGD	M	EUR 1 =	SGD 1.5871	SGD 1.4555	SGD 1.4724
Sint Maarten (southern part)								
Philipsburg	Netherlands Antillean guilder = 100 cents	3 B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78	
		3 S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82	
		ANG	B	EUR 100 =	ANG 210.45	ANG 197.71	ANG 188.26	ANG 190.57
		S	EUR 100 =	ANG 214.69	ANG 201.70	ANG 192.05	ANG 194.41	
Slovakia								
Bratislava	Euro = 100 cent		M	EUR 1 =	USD 1.1827	USD 1.1101	USD 1.0540	USD 1.0713
	EUR							
Slovenia								
Ljubljana	Euro = 100 cent		M	EUR 1 =	USD 1.1827	USD 1.1101	USD 1.0540	USD 1.0713
	EUR							
Solomon Islands								
Honiara	Solomon Islands dollar = 100 cents		M	SBD 1 =	USD 0.1245	USD 0.1246	USD 0.1239	USD 0.1230
			M	SBD 1 =	EUR 0.10541	EUR 0.11160	EUR 0.11790	EUR 0.11410
	SBD							

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		
					March 2022	April 2022	May 2022
Somalia ¹							
Mogadishu	Somali shilling	M	USD 1 =	SOS .	SOS .	SOS .	SOS .
	SOS	M	EUR 1 =	SOS .	SOS .	SOS .	SOS .
South Africa							
Pretoria Seat of parliament: Cape Town	South African rand = 100 cents	B	USD 1 =	ZAR 14.6003	ZAR 14.3933	ZAR 15.6052	ZAR 15.4343
		S	USD 1 =	ZAR 14.9228	ZAR 14.7584	ZAR 15.9677	ZAR 15.7981
	ZAR	B	EUR 1 =	ZAR 17.3023	ZAR 15.8686	ZAR 16.3221	ZAR 16.4275
		S	EUR 1 =	ZAR 17.7763	ZAR 16.4789	ZAR 16.9277	ZAR 17.0370
South Sudan							
Juba	South Sudanese pound = 100 piastres	M	USD 1 =	SSP 317.0607	SSP 429.3452	SSP 431.1061	SSP 467.0963
	SSP	M	EUR 1 =	SSP 372.1906	SSP 477.7760	SSP 453.8777	SSP 502.1522
Spain							
Madrid	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1827	USD 1.1101	USD 1.0540	USD 1.0713
Sri Lanka							
Colombo	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 196.9317	LKR 288.7475	LKR 347.0597	LKR 355.7708
		S	USD 1 =	LKR 201.6169	LKR 298.9958	LKR 359.9987	LKR 365.7493
	LKR	B	EUR 1 =	LKR 232.1963	LKR 325.7283	LKR 369.6859	LKR 383.2022
		S	EUR 1 =	LKR 239.8119	LKR 337.0847	LKR 381.8163	LKR 394.0627
Sudan							
Khartoum	Sudanese pound = 100 piastres	B	USD 1 =	SDG 392.3129	SDG .	SDG .	SDG .
		S	USD 1 =	SDG 395.0050	SDG .	SDG .	SDG .
	SDG	B	EUR 1 =	SDG 461.9386	SDG .	SDG .	SDG .
		S	EUR 1 =	SDG 465.1035	SDG .	SDG .	SDG .
Suriname							
Paramaribo	Suriname dollar = 100 cents	B	USD 1 =	SRD 19.085	SRD 21.223	SRD 21.503	SRD 21.896
		S	USD 1 =	SRD 19.411	SRD 21.581	SRD 21.827	SRD 22.268
	SRD	B	EUR 1 =	SRD 22.182	SRD 23.473	SRD 22.215	SRD 23.362
		S	EUR 1 =	SRD 22.664	SRD 23.851	SRD 23.756	SRD 23.696
Sweden							
Stockholm	Swedish krona = 100 öre	B	USD 1 =	SEK 8.5290	SEK 9.2116	SEK 9.7141	SEK 9.7480
		S	USD 1 =	SEK 8.6340	SEK 9.3166	SEK 9.8191	SEK 9.8530
	SEK	B	EUR 1 =	SEK 10.0942	SEK 10.2809	SEK 10.2533	SEK 10.4716
		S	EUR 1 =	SEK 10.2092	SEK 10.3959	SEK 10.3683	SEK 10.5866

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		
					March 2022	April 2022	May 2022
Switzerland							
Berne	Swiss franc = 100 rappen/centimes CHF	B	USD 1 =	CHF 0.9143	CHF 0.9250	CHF 0.9690	CHF 0.9612
		B	EUR 1 =	CHF 1.0798	CHF 1.0294	CHF 1.0240	CHF 1.0311
Syrian Arab Republic ¹							
Damascus	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 2,187.50	SYP 2,500.00	SYP 2,800.00	SYP 2,800.00
		S	USD 1 =	SYP 2,209.25	SYP 2,525.00	SYP 2,828.00	SYP 2,828.00
		B	EUR 1 =	SYP 2,574.25	SYP 2,777.00	SYP 2,940.00	SYP 3,009.00
		S	EUR 1 =	SYP 2,599.99	SYP 2,804.77	SYP 2,969.40	SYP 3,039.09
Tajikistan							
Dushanbe	Somoni = 100 diram TJS	M	USD 1 =	TJS 11.3083	TJS 12.9600	TJS 12.4950	TJS 11.4000
		M	EUR 1 =	TJS 13.3782	TJS 14.4387	TJS 13.1647	TJS 12.2641
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 2,286.3493	TZS 2,287.0792	TZS 2,287.3465	TZS 2,289.2574
		S	USD 1 =	TZS 2,309.2125	TZS 2,309.9500	TZS 2,310.2200	TZS 2,312.1500
		B	EUR 1 =	TZS 2,701.4482	TZS 2,544.3756	TZS 2,421.1563	TZS 2,462.3253
		S	EUR 1 =	TZS 2,729.2322	TZS 2,570.7434	TZS 2,445.8299	TZS 2,487.8734
Thailand							
Bangkok	Thai baht = 100 satang THB	B	USD 1 =	THB 31.8272	THB 33.1393	THB 34.1873	THB 34.0166
		S	USD 1 =	THB 32.1710	THB 33.4553	THB 34.5030	THB 34.3568
		B	EUR 1 =	THB 37.5324	THB 36.8184	THB 35.7919	THB 36.3643
		S	EUR 1 =	THB 38.3022	THB 37.5469	THB 36.4957	THB 37.0922
Togo ¹							
Lomé	CFA franc XOF	B	USD 1 =	XOF 551.75	XOF 584.50	XOF 617.50	XOF 607.00
		S	USD 1 =	XOF 558.75	XOF 591.50	XOF 624.50	XOF 614.00
		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 0.4450	USD 0.4327	USD 0.4352
		M	TOP 1 =	EUR 0.3731	EUR 0.3979	EUR 0.4106	EUR 0.4027
Trinidad and Tobago							
Port-of-Spain	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.7168	TTD 6.7404	TTD 6.7479	TTD 6.7043
		S	USD 1 =	TTD 6.7684	TTD 6.7685	TTD 6.7678	TTD 6.7527
		B	EUR 1 =	TTD 7.9996	TTD 7.4515	TTD 6.9458	TTD 7.1126
		S	EUR 1 =	TTD 8.5618	TTD 8.1875	TTD 7.6306	TTD 7.9403

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		
					March 2022	April 2022	May 2022
Tunisia							
Tunis	Tunisian dinar = 1,000 millimes TND	B	USD 1 =	TND 2.7782	TND 2.9472	TND 3.0539	TND 3.0269
		S	USD 1 =	TND 2.7810	TND 2.9502	TND 3.0570	TND 3.0300
		B	EUR 1 =	TND 3.2860	TND 3.2650	TND 3.2269	TND 3.2395
		S	EUR 1 =	TND 3.2892	TND 3.2682	TND 3.2302	TND 3.2427
Turkey							
Ankara	Turkish lira = 100 kuruş TRY	B	USD 1 =	TRY 8.8869	TRY 14.6458	TRY 14.7798	TRY 16.3562
		S	USD 1 =	TRY 8.9029	TRY 14.6722	TRY 14.8064	TRY 16.3857
		B	EUR 1 =	TRY 10.6978	TRY 16.3086	TRY 15.5448	TRY 17.6019
		S	EUR 1 =	TRY 10.7171	TRY 16.3380	TRY 15.5728	TRY 17.6336
Turkmenistan ¹							
Ashgabat	Turkmen manat = 100 tenge TMT	2	USD 1 =	TMT 3.50	TMT 3.50	TMT 3.50	TMT 3.50
		M	EUR 1 =	TMT 4.1413	TMT 3.9039	TMT 3.6992	TMT 3.7667
Uganda							
Kampala	Uganda shilling UGX	B	USD 1 =	UGX 3,577.15	UGX 3,585.48	UGX 3,556.43	UGX 3,777.43
		S	USD 1 =	UGX 3,587.15	UGX 3,595.48	UGX 3,566.43	UGX 3,787.43
		B	EUR 1 =	UGX 4,224.32	UGX 3,979.45	UGX 3,739.67	UGX 4,046.09
		S	EUR 1 =	UGX 4,236.12	UGX 3,990.54	UGX 3,750.19	UGX 4,056.80
Ukraine ¹							
Kyiv	Hryvnia = 100 kopyok UAH	M	USD 1 =	UAH 27.2680	UAH 29.2549	UAH 29.2549	UAH 29.2549
		M	EUR 1 =	UAH 32.2611	UAH 32.5856	UAH 30.6869	UAH 31.5031
United Arab Emirates ¹							
Abu Dhabi	United Arab Emirates dirham = 100 fils AED	2	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
		V, M	EUR 1 =	AED 4.3436	AED 4.0768	AED 3.8708	AED 3.9343
United Kingdom ¹							
London	Pound sterling = 100 pence GBP	M	GBP 1 =	USD 1.3757	USD 1.3162	USD 1.2556	USD 1.2601
		M	EUR 1 =	GBP 0.8581	GBP 0.8449	GBP 0.8401	GBP 0.8501
United States							
Washington	US dollar = 100 cents USD	M	EUR 1 =	USD 1.17966	USD 1.1065	USD 1.0541	USD 1.0733
		M	GBP 1 =	USD 1.37555	USD 1.3133	USD 1.2571	USD 1.2600

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 *

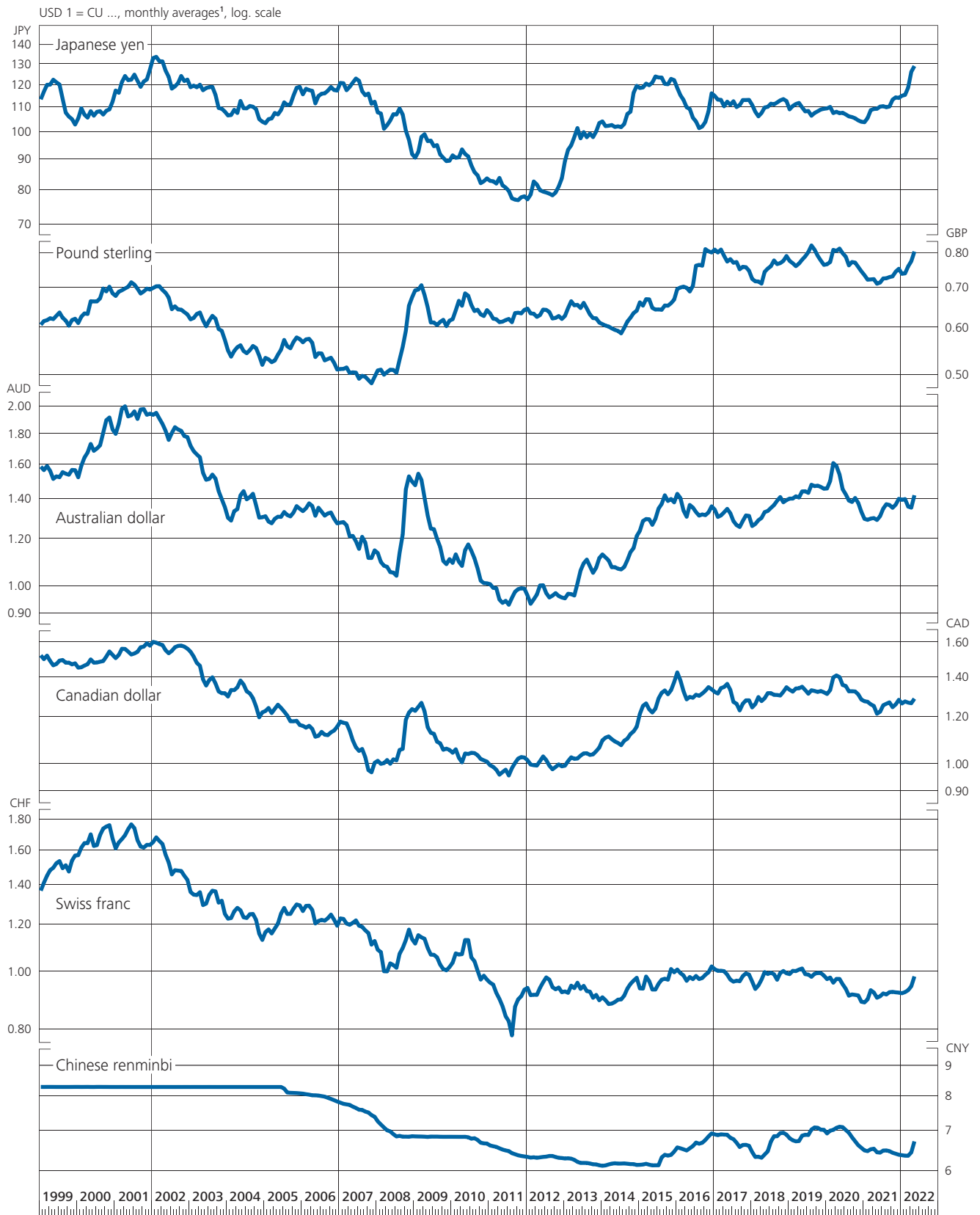
1. Currencies and exchange rates in individual countries (cont'd)

Country 1 Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2021	Rate at end of month		
					March 2022	April 2022	May 2022
Uruguay							
Montevideo	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 43.574	UYU 41.115	UYU 40.827	UYU 39.902
		M	EUR 1 =	UYU 51.5154	UYU 45.5328	UYU 43.1562	UYU 42.8388
Uzbekistan							
Tashkent	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 10,624.97	UZS 11,400.21	UZS 11,179.80	UZS 11,010.88
		M	EUR 1 =	UZS 12,568.72	UZS 12,707.81	UZS 11,761.15	UZS 11,854.31
Vanuatu							
Port Vila	Vatu VUV	B	USD 1 =	VUV 107.78	VUV 108.39	VUV 112.80	VUV 111.72
		S	USD 1 =	VUV 114.63	VUV 115.28	VUV 119.98	VUV 118.83
		B	EUR 1 =	VUV 128.25	VUV 121.90	VUV 120.14	VUV 121.32
		S	EUR 1 =	VUV 133.43	VUV 126.82	VUV 124.99	VUV 126.22
Venezuela, Bolivarian Republic of 1							
Caracas	Bolívar = 100 céntimos VES	B	USD 1 =	VES 3.387736	VES 4.369549	VES 4.485259	VES 5.052238
		S	USD 1 =	VES 3.396227	VES 4.380500	VES 4.496500	VES 5.064900
		B	EUR 1 =	VES 3.978432	VES 4.851991	VES 4.727911	VES 5.414837
		S	EUR 1 =	VES 3.988403	VES 4.864151	VES 4.739761	VES 5.428408
Viet Nam							
Hanoi	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 22,814	VND 22,700	VND 22,815	VND 23,050
		S	USD 1 =	VND 23,014	VND 22,980	VND 23,095	VND 23,330
		B	EUR 1 =	VND 26,590.89	VND 25,100.85	VND 23,745.37	VND 24,527.29
		S	EUR 1 =	VND 27,719.15	VND 26,242.54	VND 24,825.20	VND 25,642.21
Yemen 1							
Sana'a	Yemeni rial = 100 fils YER	2 B	USD 1 =	YER 250.00	YER 250.00	YER .	YER .
		2 S	USD 1 =	YER 250.50	YER 250.50	YER .	YER .
		2 B	EUR 1 =	YER 294.98	YER 276.40	YER .	YER .
		2 S	EUR 1 =	YER 295.57	YER 276.95	YER .	YER .
Zambia							
Lusaka	Kwacha = 100 ngwee ZMW	B	USD 1 =	ZMW 19.6748	ZMW 18.0441	ZMW 17.0059	ZMW 17.2518
		S	USD 1 =	ZMW 19.7248	ZMW 18.0941	ZMW 17.0559	ZMW 17.3018
		B	EUR 1 =	ZMW 23.2872	ZMW 19.9874	ZMW 17.9089	ZMW 18.4336
		S	EUR 1 =	ZMW 23.3512	ZMW 20.0500	ZMW 17.9650	ZMW 18.4939
Zimbabwe 1							
Harare	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =	ZWL 89.77495	ZWL 142.42370	ZWL 159.34820	ZWL 290.88760
		M	EUR 1 =	ZWL 105.85241	ZWL 159.01645	ZWL 167.95345	ZWL 312.83565

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 Exchange rate as of 10 March 2022.

IV. Overview of world currencies*

2. Exchange rates of the US dollar against major currencies



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

IV. Overview of world currencies

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

Country or territory	Currency	Country or territory	Currency
Åland Islands	Euro	Madeira	Euro
Alhucemas	Euro	Marie-Galante	Euro
American Samoa	US dollar	Marshall Islands	US dollar
Andaman Islands	Indian rupee	Martinique	Euro
Andorra ¹	Euro	Mayotte	Euro
Anguilla	East Caribbean dollar	Melilla	Euro
Azores	Euro	Micronesia, Federated States of	US dollar
		Monaco ¹	Euro
		Montenegro	Euro
Baker Island	US dollar	Montserrat	East Caribbean dollar
Balearics	Euro	Mooréa	CFP franc
Bali	Indonesian rupiah		
Bonaire	US dollar	Nauru	Australian dollar
Bora-Bora	CFP franc	Newfoundland	Canadian dollar
Borneo (northern part)	Malaysian ringgit	Nicobar Islands	Indian rupee
Borneo (southern part)	Indonesian rupiah	Niue	New Zealand dollar
British Virgin Islands	US dollar	Norfolk Island	Australian dollar
		Northern Mariana Islands	US dollar
Canary Islands	Euro		
Ceuta	Euro	Palau	US dollar
Chafarinas (Islands)	Euro	Pescadores	New Taiwan dollar
Christmas Island	Australian dollar	Pitcairn Islands Group	New Zealand dollar
Cocos Islands	Australian dollar	Puerto Rico	US dollar
Désirade	Euro	Réunion	Euro
Easter Island	Chilean peso		
Ecuador ¹	US dollar	Saba	US dollar
		Saint Barthélemy	Euro
Faroe Islands ¹	Danish krone	Saint Eustatius	US dollar
(French) Guiana	Euro	Saint Martin (northern part)	Euro
French Polynesia	CFP franc	Saint Pierre and Miquelon	Euro
		San Marino ¹	Euro
Galapagos Islands	US dollar	Spitzbergen/Spitsbergen	Norwegian krone
Gozo (Island of)	Euro	Sumatra	Indonesian rupiah
Greenland	Danish krone	Swan Islands	Honduran lempira
Guadeloupe	Euro		
Guam	US dollar	Tahiti	CFP franc
Guernsey ¹	Pound sterling	Tibet	Chinese renminbi
		Timor-Leste ¹	US dollar
Howland Island	US dollar	Tokelau	New Zealand dollar/Samoan tala
		Turks and Caicos Islands ¹	US dollar
Isle of Man ¹	Pound sterling	Tuvalu ¹	Australian dollar
Jarvis Island	US dollar	Vatican City ¹	Euro
Java	Indonesian rupiah	Virgin Islands of the United States	US dollar
Jersey ¹	Pound sterling		
		Wallis and Futuna (Islands)	CFP franc
Kiribati ¹	Australian dollar	Western Sahara	Moroccan dirham
Kosovo	Euro Serbian dinar		
		Zanzibar (Island)	Tanzania shilling
Laccadive Islands	Indian rupee		
Les Saintes Islands	Euro		
Liechtenstein	Swiss franc		

Sources: Central banks and The Statesman's Yearbook. ¹ Local currency is also in use.

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

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

Period	US dollar USD	Euro EUR	Chinese yuan (renminbi) CNY	Japanese yen JPY	Pound sterling GBP	Canadian dollar CAD	Swiss franc CHF	Danish krone DKK	Norwegian krone NOK	Swedish krona SEK
2007	1.58025	1.07346	11.53020	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	8.80709	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 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	12.98860	13.2894
Mar.	1.38240	1.24529	8.76816	169.206	1.053220	1.72745	1.27886	9.26235	12.30910	12.8067
Apr.	1.34430	1.27543	8.85442	174.625	1.069500	1.71963	1.30471	9.49109	12.43860	13.1293
May	1.34970	1.25987	8.99062	173.032	1.072130	1.70710	1.29578	9.37269	12.72250	13.2277
2022 Apr. 25	1.35337	1.25942	8.86556	174.287	1.064770	1.72663	1.29741	9.36900	12.21870	12.9943
26	1.35333	1.26788	8.87012	172.685	1.064360	1.73186	1.29643	9.43218	12.41790	13.1918
27	1.34867	1.27437	8.84502	172.117	1.071480	1.73007	1.30066	9.48263	12.46820	13.3056
28	1.33994	1.27796	8.85300	174.058	1.074870	1.71901	1.30356	9.51077	12.65050	13.1286
29	1.34430	1.27543	8.85442	174.625	1.069500	1.71963	1.30471	9.49109	12.43860	13.1293
May 2	1.34171	1.27491	.	174.517	.	.	1.30562	9.48416	12.65320	13.2002
3	1.33977	1.26920	.	.	1.072120	1.72120	1.30929	9.44323	12.57660	13.2293
4	1.34156	1.27392	.	.	1.071710	1.71854	1.31681	9.47903	12.61710	13.2727
5	1.34509	1.27279	8.90163	.	1.071870	.	1.31455	9.47024	12.53230	13.1370
6	1.34130	1.26897	8.96057	175.039	1.084100	1.72786	1.31883	9.44109	12.66530	13.4166
9	1.33744	1.26663	8.99564	174.937	1.083340	1.73386	1.30919	9.42187	12.74020	13.3795
10	1.33894	1.26866	9.00333	174.531	1.083720	1.74223	1.33378	9.43699	12.98020	13.4649
11	1.33900	1.26884	9.00828	174.606	1.085000	1.73669	1.32575	9.43931	12.91590	13.4132
12	1.33295	1.28070	9.04249	172.937	1.091820	1.73803	1.32782	9.53007	13.17810	13.5064
13	1.33077	1.28144	9.02600	171.537	1.090840	1.72375	1.33024	.	.	13.4423
16	1.33302	1.27904	9.06758	171.893	1.086580	1.71799	1.33842	9.51846	13.07030	13.4094
17	1.33904	1.27031	9.04323	173.191	1.074190	1.71852	1.33321	9.45296	12.72250	13.3750
18	1.33873	1.27220	9.03881	173.111	1.079530	1.71906	1.33404	9.46755	12.99220	13.3212
19	1.34042	1.27356	9.06643	172.110	1.078720	1.71694	1.30919	9.47822	13.13060	13.4439
20	1.34443	1.27109	8.97279	171.765	1.077140	1.72477	1.30511	9.46002	13.04400	13.3399
23	1.34968	1.26624	9.00009	172.436	1.072970	.	1.30447	9.42241	12.98150	13.3342
24	1.34991	1.25924	8.99928	172.613	1.078940	1.73139	1.30422	9.37014	12.95630	13.1905
25	1.34796	1.26498	8.98884	171.151	1.079190	1.73038	1.29937	9.41212	12.99180	13.2542
26	1.35010	1.26213	9.08942	172.111	1.070230	1.72704	.	.	.	.
27	1.34915	1.25830	9.07853	171.355	1.071470	1.71854	1.29477	.	12.80820	13.2562
31	1.34970	1.25987	8.99062	173.032	1.072130	1.70710	1.29578	9.37269	12.72250	13.2277
June 1	1.34914	1.25947	9.02478	173.931	1.071600	1.70518	1.29814	9.36952	12.64980	13.1981
2	1.34803	1.26079	9.00001	175.298	.	1.69812	1.29344	9.37910	12.71440	13.2219
3	1.35057	1.25869	.	175.332	.	1.69889	1.29534	9.36312	12.71660	13.0962
6	1.34965	1.25830	8.96966	176.467	1.075080	1.69571	.	.	.	.
7	1.34477	1.26127	8.96258	177.818	1.076160	1.68835	1.31283	9.38324	12.84520	13.2080
8	1.34556	1.25296	8.98481	178.825	1.073270	1.68733	1.31522	9.32027	12.70450	13.1956
9	1.34638	1.25326	9.00309	181.007	1.074230	1.70236	1.31642	9.32314	12.76050	13.2337
10	1.33983	1.26662	8.96146	179.806	1.076860	1.71191	1.31505	9.42223	12.85560	13.2610
13	1.33130	1.27337	8.96596	179.726	1.091280	.	1.32165	9.47346	13.14400	13.4030
14	1.32921	1.27173	8.94775	178.274	1.099800	.	1.32144	.	.	13.4692

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
	Exchange rate anchor						
	US dollar	Euro	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
	Exchange rate anchor						
	US dollar	Euro	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 framework 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				GYD	Guyana dollar	Guyana
ANG	Netherlands Antillean guilder	Curaçao Sint Maarten (southern part)	DJF	Djibouti franc	Djibouti	HKD	Hong Kong dollar	Hong Kong
AOA	Kwanza	Angola	DKK	Danish krone	Denmark Faroe Islands Greenland	HNL	Lempira	Honduras
ARS	Argentine peso	Argentina	DOP	Dominican peso	Dominican Republic	HRK	Kuna	Croatia
AUD	Australian dollar	Australia Christmas Island Cocos Islands Kiribati Nauru Norfolk Island Tuvalu	DZD	Algerian dinar	Algeria	HTG	Gourde	Haiti
			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				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						
BHD	Bahraini dinar	Bahrain				JMD	Jamaican dollar	Jamaica
BIF	Burundi franc	Burundi				JOD	Jordanian dinar	Jordan
BMD	Bermudian dollar	Bermuda				JPY	Japanese yen	Japan
BND	Brunei dollar	Brunei Darussalam						
BOB	Boliviano	Bolivia, Plurinational State of				KES	Kenya shilling	Kenya
BRL	Brazilian real	Brazil				KGS	Kyrgyz som	Kyrgyzstan
BSD	Bahamian dollar	Bahamas				KHR	Riel	Cambodia
BTN	Ngultrum	Bhutan				KMF	Comorian franc	Comoros
BWP	Pula	Botswana				KPW	North Korean won	Korea, Democratic People's Republic of
BYN	Belarusian rouble	Belarus				KRW	South Korean won	Korea, Republic of
BZD	Belize dollar	Belize				KWD	Kuwaiti dinar	Kuwait
						KYD	Cayman Islands dollar	Cayman Islands
			FJD	Fiji dollar	Fiji	KZT	Tenge	Kazakhstan
CAD	Canadian dollar	Canada	FKP	Fakland 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?f184ad85cc2c5ccef05680706893cde>).

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

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

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.

El Salvador

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

Equatorial Guinea

See Explanatory notes on Cameroon.

Eswatini

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

Gabon

See Explanatory notes on Cameroon.

Guinea-Bissau

See Explanatory notes on Benin.

India

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

Iran, Islamic Republic of

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

Central bank rate

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

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

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

Bureau de change rate

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

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

Iraq

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

Kenya

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

Korea, Democratic People’s Republic of

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

Lebanon

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

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

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

Official exchange rate

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

Bank rate

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

Sayrafa market rate

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

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.

Malawi

On 27 May 2022, the Central Bank of Malawi decided to adopt a more flexible exchange rate regime.

We recorded the following exchange rates (buying/selling):

26 May 2022 USD 1 = MWK 808.7997 / 824.4791
 EUR 1 = MWK 863.3936 / 880.1315

27 May 2022 USD 1 = MWK 1,011.8053 / 1,031.2139
 EUR 1 = MWK 1,087.3871 / 1,108.2456.

Calculated using these rates, the Malawi-Kwacha depreciated against the US dollar by 20.1% (calculated on the basis of the middle rates) and against the euro by 20.6%.

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. The price quotation is still in (old) leone.

Singapore

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

Somalia

We have no exchange rates for the Somali shilling.

Syrian Arab Republic

According to the official bulletin issued by the Central Bank of Syria, the bank rates (buying/selling) for credit transfers in US dollar were changed from USD 1 = SYP 2,500.00/2,525.00 to USD 1 = SYP 2,800.00/2,828.00 with effect from 13 April 2022, corresponding to a 10.7% depreciation of the Syrian pound against the US dollar. In addition to these rates, the Central Bank of Syria continued to publish official exchange rates (buying/selling) of USD 1 = SYP 2,500.00/2,525.00. We do not have any information on how these rates are applied.

It is also understood that there are significantly different black market rates alongside these rates.

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:

- basic suspension of foreign exchange trading in Ukraine;
- 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.

Yemen

In addition to the central bank rates shown, there are also commercial bank rates, which vary widely from region to region.

Zimbabwe

With effect from 9 May 2022, a multiple exchange rate system was established, with interbank market rates introduced alongside the official published exchange rates (now auction rates). We do not have any information on the exchange rate application.

We recorded the following interbank market rates for 31 May 2022:

USD 1 = ZWL 301.49940

EUR 1 = ZWL 324.20485.