



Exchange rate statistics

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Statistical Series

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■ Contents

■ I. Euro area and exchange rate stability convergence criterion

1. Euro area countries and irrevocable euro conversion rates in the third stage of Economic and Monetary Union	7
2. Central rates and intervention rates in Exchange Rate Mechanism II	7

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

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

■ III. Effective exchange rates

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

■ IV. Overview of world currencies

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

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

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

■ VII. ISO currency codes 46

■ Explanatory notes

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

■ Explanatory notes on individual countries	53
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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	Data unknown, not to be published or not meaningful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	
2023 January 1	Croatia	Croatian kuna	HRK	7.53450	1208/2022	

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
Greece	Upper rate	406.075	³ 391.863	–	–	–	–	–	–
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	–
Croatia	Upper rate	–	–	–	–	–	–	–	8.66468
Croatian kuna	Central rate	–	–	–	–	–	–	–	¹⁰ 7.53450
HRK	Lower rate	–	–	–	–	–	–	–	6.40433

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. ¹⁰ Until 31 December 2022; accession to the euro area on 1 January 2023.

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	Czechia	Denmark	Hungary	Poland	Romania	Sweden	
Period	Bulgarian lev BGN	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	Swedish krona SEK	
2023 July	1.9558	23.900	7.4529	386.93	4.4070	4.9349	11.5895	
Aug.	1.9558	24.072	7.4523	380.13	4.4673	4.9420	11.8430	
Sep.	1.9558	24.339	7.4571	389.50	4.6283	4.9735	11.5325	
Oct.	1.9558	24.558	7.4647	382.13	4.4405	4.9659	11.8275	
Nov.	1.9558	24.292	7.4548	380.75	4.3490	4.9718	11.4308	
Dec.	1.9558	24.724	7.4529	382.80	4.3395	4.9756	11.0960	
2024 Jan.	1.9558	24.891	7.4550	384.90	4.3330	4.9758	11.2682	
Feb.	1.9558	25.363	7.4540	393.48	4.3208	4.9706	11.2150	
Mar.	1.9558	25.305	7.4580	395.26	4.3123	4.9735	11.5250	
Apr.	1.9558	25.140	7.4583	390.68	4.3178	4.9759	11.7530	
May	1.9558	24.709	7.4588	388.83	4.2645	4.9767	11.4210	
June	1.9558	25.025	7.4575	395.10	4.3090	4.9773	11.3595	
July	1.9558	25.457	7.4621	395.78	4.2908	4.9749	11.6125	
2024 July 19	1.9558	25.261	7.4610	390.90	4.2853	4.9712	11.6100	
22	1.9558	25.231	7.4617	389.73	4.2788	4.9720	11.6295	
23	1.9558	25.362	7.4610	390.43	4.2770	4.9729	11.6735	
24	1.9558	25.425	7.4618	393.28	4.2890	4.9706	11.6875	
25	1.9558	25.389	7.4625	393.33	4.2968	4.9697	11.7740	
26	1.9558	25.370	7.4626	390.95	4.2740	4.9718	11.7325	
29	1.9558	25.371	7.4625	392.50	4.2938	4.9725	11.7265	
30	1.9558	25.429	7.4619	394.50	4.2838	4.9766	11.6860	
31	1.9558	25.457	7.4621	395.78	4.2908	4.9749	11.6125	
Aug. 1	1.9558	25.454	7.4613	395.55	4.2958	4.9756	11.5220	
2	1.9558	25.271	7.4621	396.73	4.2890	4.9756	11.5843	
5	1.9558	25.314	7.4607	398.45	4.3128	4.9768	11.5340	
6	1.9558	25.286	7.4628	397.38	4.3105	4.9772	11.5590	
7	1.9558	25.270	7.4627	398.20	4.3173	4.9768	11.4235	
8	1.9558	25.273	7.4619	396.10	4.3190	4.9767	11.4955	
9	1.9558	25.234	7.4622	395.20	4.3253	4.9769	11.4955	
12	1.9558	25.178	7.4628	393.25	4.3058	4.9767	11.4935	
13	1.9558	25.203	7.4621	393.53	4.2890	4.9757	11.5060	
14	1.9558	25.197	7.4620	394.45	4.2975	4.9763	11.4843	

Other European and non-European countries								
	Australia	Brazil	Canada	China	Hong Kong	Iceland	India	
	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Yuan (renminbi) CNY	Hong Kong dollar HKD	Icelandic krona ISK	Indian rupee INR	
2023 July	1.6436	5.2031	1.4566	7.8808	8.5966	144.30	90.6690	
Aug.	1.6785	5.3082	1.4721	7.9196	8.5250	142.30	89.9293	
Sep.	1.6339	5.3065	1.4227	7.7352	8.2959	144.90	88.0165	
Oct.	1.6739	5.3743	1.4712	7.7686	8.3079	147.50	88.4195	
Nov.	1.6542	5.3984	1.4870	7.8008	8.5384	150.70	91.1143	
Dec.	1.6263	5.3618	1.4642	7.8509	8.6314	150.50	91.9045	
2024 Jan.	1.6468	5.3749	1.4558	7.7789	8.4734	148.30	90.0010	
Feb.	1.6684	5.4054	1.4719	7.7888	8.4735	149.30	89.7458	
Mar.	1.6607	5.4032	1.4672	7.8144	8.4594	150.30	90.1365	
Apr.	1.6423	5.4928	1.4672	7.7609	8.3817	150.30	89.4155	
May	1.6315	5.6418	1.4804	7.8577	8.4838	149.10	90.5255	
June	1.6079	5.8915	1.4670	7.7748	8.3594	148.90	89.2495	
July	1.6635	6.0874	1.4977	7.8194	8.4589	149.90	90.6250	
2024 July 19	1.6276	6.0303	1.4938	7.9165	8.5049	149.70	91.1170	
22	1.6370	6.0986	1.4971	7.9191	8.5006	150.10	91.0885	
23	1.6396	6.0594	1.4944	7.9003	8.4788	149.70	90.9075	
24	1.6428	6.0759	1.4953	7.8934	8.4716	149.70	90.8080	
25	1.6638	6.1638	1.5020	7.8331	8.4682	149.50	90.8915	
26	1.6559	6.1170	1.5009	7.8750	8.4782	149.70	90.9495	
29	1.6534	6.1165	1.4976	7.8518	8.4490	149.90	90.5740	
30	1.6560	6.0843	1.4996	7.8489	8.4558	149.50	90.6235	
31	1.6635	6.0874	1.4977	7.8194	8.4589	149.90	90.6250	
Aug. 1	1.6501	6.1120	1.4912	7.8203	8.4320	149.90	90.3485	
2	1.6629	6.2570	1.5035	7.8075	8.4625	150.50	90.7280	
5	1.7008	6.3759	1.5188	7.8046	8.5335	150.50	92.2765	
6	1.6837	6.2028	1.5097	7.8071	8.5055	150.70	91.5925	
7	1.6643	6.1360	1.5010	7.8425	8.5162	150.90	91.6950	
8	1.6677	6.1544	1.5021	7.8393	8.5168	151.10	91.7590	
9	1.6609	6.0477	1.5007	7.8280	8.5140	151.10	91.6550	
12	1.6560	5.9998	1.4998	7.8439	8.5157	151.10	91.7375	
13	1.6572	6.0061	1.5014	7.8301	8.5143	151.10	91.7610	
14	1.6643	6.0024	1.5115	7.8627	8.5824	152.10	92.5025	

* See Explanatory notes, p. 48.

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

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

EUR 1 = CU ...

Other European and non-European countries (cont'd)								
Period	Indonesia Indonesian rupiah IDR	Israel New shekel ILS	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW	Malaysia Malaysian ringgit MYR	Mexico Mexican peso MXN	New Zealand New Zealand dollar NZD	Norway Norwegian krone NOK
2023 July	16,622.65	4.0714	156.73	1,405.49	4.9703	18.4088	1.7773	11.1805
Aug.	16,551.96	4.1293	158.49	1,439.56	5.0428	18.1866	1.8259	11.5800
Sep.	16,383.62	4.0472	158.10	1,425.26	4.9741	18.5030	1.7575	11.2535
Oct.	16,868.28	4.2756	160.30	1,434.66	5.0594	19.1551	1.8224	11.8735
Nov.	16,981.14	4.0597	161.19	1,418.78	5.0933	19.0235	1.7762	11.7200
Dec.	17,079.71	3.9993	156.33	1,433.66	5.0775	18.7231	1.7504	11.2405
2024 Jan.	17,076.29	3.9431	160.19	1,444.63	5.1259	18.5817	1.7705	11.3510
Feb.	17,038.18	3.8736	162.53	1,447.43	5.1375	18.4969	1.7807	11.4920
Mar.	17,157.87	3.9799	163.45	1,458.67	5.1168	17.9179	1.8092	11.6990
Apr.	17,422.11	4.0172	168.27	1,479.67	5.1130	18.1895	1.8035	11.8150
May	17,641.72	4.0342	170.52	1,501.11	5.1080	18.4387	1.7696	11.8330
June	17,487.21	4.0200	171.94	1,474.86	5.0501	19.5654	1.7601	11.3965
July	17,634.43	4.0822	162.76	1,485.96	4.9749	20.3317	1.8289	11.8175
2024 July 19	17,638.53	3.9805	171.61	1,511.37	5.1047	19.5065	1.8087	11.8255
22	17,648.14	3.9593	170.80	1,511.28	5.0961	19.6457	1.8171	11.9165
23	17,610.63	3.9314	169.64	1,505.59	5.0738	19.5254	1.8209	11.9635
24	17,622.09	3.9403	167.23	1,500.01	5.0687	19.8113	1.8267	11.9420
25	17,704.82	3.9666	165.62	1,497.33	5.0598	20.0980	1.8401	12.0825
26	17,694.04	3.9788	167.84	1,505.15	5.0580	19.9254	1.8427	11.9370
29	17,609.86	4.0321	166.44	1,496.41	5.0180	19.9420	1.8418	11.9155
30	17,681.92	4.0440	167.61	1,498.59	5.0034	20.1533	1.8386	11.8885
31	17,634.43	4.0822	162.76	1,485.96	4.9749	20.3317	1.8289	11.8175
Aug. 1	17,549.06	4.0855	162.66	1,474.13	4.9295	19.9936	1.8140	11.7465
2	17,562.88	4.1211	161.37	1,479.77	4.8730	20.5799	1.8196	11.9290
5	17,754.50	4.2013	155.98	1,495.97	4.8525	21.6414	1.8461	12.1108
6	17,653.43	4.1979	158.29	1,504.09	4.8834	21.0872	1.8423	12.0005
7	17,539.37	4.1367	160.62	1,501.94	4.9111	21.0692	1.8150	11.7810
8	17,378.97	4.1511	159.74	1,503.86	4.8912	21.0402	1.8230	11.8825
9	17,413.43	4.0722	160.33	1,491.07	4.8280	20.5652	1.8156	11.8295
12	17,444.00	4.1171	161.25	1,497.58	4.8682	20.5660	1.8110	11.7745
13	17,318.20	4.0855	161.17	1,498.93	4.8648	20.7235	1.8089	11.7970
14	17,194.60	4.1127	161.98	1,493.74	4.8704	20.8780	1.8324	11.7665

Other European and non-European countries (cont'd)								
Period	Philippines Philippine peso PHP	Singapore Singapore dollar SGD	South Africa South African rand ZAR	Switzerland Swiss franc CHF	Thailand Thai baht THB	Turkey Turkish lira TRY	United Kingdom Pound sterling GBP	United States US dollar USD
2023 July	60.522	1.4660	19.5511	0.9619	37.732	29.7126	0.85765	1.1023
Aug.	61.545	1.4686	20.4199	0.9584	38.005	28.9848	0.85718	1.0868
Sep.	59.969	1.4443	19.9813	0.9669	38.679	29.0514	0.86458	1.0594
Oct.	60.295	1.4525	19.9507	0.9607	38.266	30.0455	0.87366	1.0619
Nov.	60.623	1.4602	20.5703	0.9562	38.494	31.5441	0.86368	1.0931
Dec.	61.283	1.4591	20.3477	0.9260	37.973	32.6531	0.86905	1.1050
2024 Jan.	61.023	1.4517	20.3238	0.9348	38.461	32.8984	0.85435	1.0837
Feb.	60.858	1.4570	20.9007	0.9534	38.909	33.8067	0.85655	1.0826
Mar.	60.797	1.4587	20.5226	0.9766	39.412	34.9487	0.85510	1.0811
Apr.	61.830	1.4593	20.0682	0.9787	39.732	34.7045	0.85478	1.0718
May	63.604	1.4663	20.2927	0.9818	39.925	34.9691	0.85365	1.0852
June	62.560	1.4513	19.4970	0.9634	39.319	35.1868	0.84638	1.0705
July	63.218	1.4491	19.7400	0.9533	38.629	35.9085	0.84380	1.0828
2024 July 19	63.549	1.4645	19.9622	0.9688	39.514	35.9909	0.84280	1.0890
22	63.575	1.4648	19.8948	0.9671	39.540	35.9064	0.84215	1.0888
23	63.498	1.4615	20.0068	0.9681	39.324	35.7592	0.84073	1.0860
24	63.558	1.4577	19.8662	0.9609	39.197	35.6509	0.83973	1.0848
25	63.576	1.4566	20.0649	0.9534	39.264	35.9078	0.84280	1.0851
26	63.377	1.4594	19.8121	0.9594	39.112	35.7984	0.84378	1.0860
29	63.343	1.4540	19.9041	0.9578	38.914	35.7096	0.84345	1.0817
30	63.502	1.4554	19.8815	0.9592	38.961	35.8199	0.84260	1.0824
31	63.218	1.4491	19.7400	0.9533	38.629	35.9085	0.84380	1.0828
Aug. 1	62.912	1.4437	19.6134	0.9467	38.409	35.7061	0.84328	1.0789
2	62.885	1.4424	19.7048	0.9433	38.296	35.9419	0.85000	1.0835
5	63.303	1.4475	20.3713	0.9304	38.732	36.5848	0.85878	1.0966
6	63.049	1.4485	20.1616	0.9325	38.797	36.6472	0.85998	1.0915
7	63.015	1.4499	20.0340	0.9409	38.866	36.5786	0.85808	1.0922
8	62.738	1.4474	20.0993	0.9368	38.577	36.6133	0.86093	1.0930
9	62.533	1.4453	20.0169	0.9435	38.450	36.6275	0.85708	1.0917
12	62.611	1.4474	19.9047	0.9491	38.527	36.6293	0.85554	1.0925
13	62.322	1.4454	19.8621	0.9480	38.384	36.6789	0.85458	1.0931
14	62.761	1.4494	19.9267	0.9515	38.429	36.9665	0.85783	1.1019

* See Explanatory notes, p. 48.

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

2. Annual and monthly averages +

EUR 1 = CU ...

EU member countries								
Period	Bulgaria Bulgarian lev BGN	Croatia ¹ Kuna HRK	Czechia Czech koruna CZK	Denmark Danish krone DKK	Hungary Hungarian forint HUF	Poland Polish zloty PLN	Romania Romanian leu RON	Sweden Swedish krona SEK
2022	1.9558	7.5349	24.566	7.4396	391.29	4.6861	4.9313	10.6296
2023	1.9558	–	24.004	7.4509	381.85	4.5420	4.9467	11.4788
2022 June	1.9558	7.5252	24.719	7.4392	396.66	4.6471	4.9444	10.6005
July	1.9558	7.5185	24.594	7.4426	404.10	4.7682	4.9396	10.5752
Aug.	1.9558	7.5138	24.568	7.4393	402.10	4.7233	4.8943	10.5021
Sep.	1.9558	7.5222	24.576	7.4366	404.19	4.7414	4.9097	10.7840
Oct.	1.9558	7.5298	24.528	7.4389	418.31	4.8040	4.9259	10.9503
Nov.	1.9558	7.5426	24.369	7.4387	406.68	4.6964	4.9142	10.8798
Dec.	1.9558	7.5448	24.269	7.4377	407.68	4.6832	4.9224	10.9859
2023 Jan.	1.9558	–	23.958	7.4383	396.03	4.6974	4.9242	11.2051
Feb.	1.9558	–	23.712	7.4447	384.91	4.7415	4.9087	11.1725
Mar.	1.9558	–	23.683	7.4456	385.01	4.6893	4.9263	11.2276
Apr.	1.9558	–	23.437	7.4518	375.34	4.6320	4.9365	11.3370
May	1.9558	–	23.595	7.4485	372.37	4.5345	4.9477	11.3697
June	1.9558	–	23.695	7.4492	370.60	4.4608	4.9600	11.6766
July	1.9558	–	23.892	7.4508	379.04	4.4431	4.9411	11.6343
Aug.	1.9558	–	24.108	7.4522	385.05	4.4601	4.9411	11.8117
Sep.	1.9558	–	24.380	7.4566	386.43	4.5981	4.9656	11.8417
Oct.	1.9558	–	24.584	7.4604	385.33	4.5124	4.9682	11.6472
Nov.	1.9558	–	24.485	7.4581	379.19	4.4020	4.9703	11.5475
Dec.	1.9558	–	24.478	7.4556	381.80	4.3335	4.9707	11.2028
2024 Jan.	1.9558	–	24.716	7.4572	382.04	4.3648	4.9749	11.2834
Feb.	1.9558	–	25.232	7.4550	388.04	4.3256	4.9746	11.2500
Mar.	1.9558	–	25.292	7.4566	395.09	4.3069	4.9708	11.3054
Apr.	1.9558	–	25.278	7.4596	392.41	4.3026	4.9730	11.5910
May	1.9558	–	24.819	7.4606	387.18	4.2796	4.9754	11.6186
June	1.9558	–	24.779	7.4592	394.76	4.3209	4.9767	11.2851
July	1.9558	–	25.299	7.4606	392.84	4.2817	4.9730	11.5324

Other European and non-European countries								
Period	Australia Australian dollar AUD	Brazil Brazilian real BRL	Canada Canadian dollar CAD	China Yuan (renminbi) CNY	Hong Kong Hong Kong dollar HKD	Iceland Icelandic krona ISK	India Indian rupee INR	Indonesia Indonesian rupiah IDR
2022	1.5167	5.4399	1.3695	7.0788	8.2451	142.24	82.6864	15,625.25
2023	1.6288	5.4010	1.4595	7.6600	8.4650	149.13	89.3001	16,479.62
2022 June	1.5044	5.3209	1.3537	7.0734	8.2922	138.47	82.5112	15,531.74
July	1.4856	5.4718	1.3180	6.8538	7.9895	139.05	81.0182	15,258.22
Aug.	1.4550	5.2111	1.3078	6.8884	7.9473	140.12	80.5563	15,024.16
Sep.	1.4820	5.1791	1.3187	6.9508	7.7738	140.35	79.4558	14,847.40
Oct.	1.5474	5.1658	1.3477	7.0687	7.7128	141.50	80.9180	15,172.93
Nov.	1.5455	5.3846	1.3708	7.3171	7.9873	146.98	83.3384	15,975.07
Dec.	1.5685	5.5589	1.4379	7.3859	8.2434	150.76	87.3381	16,503.30
2023 Jan.	1.5523	5.6047	1.4474	7.3173	8.4217	154.06	88.1441	16,427.04
Feb.	1.5514	5.5386	1.4400	7.3244	8.4077	153.11	88.5004	16,232.58
Mar.	1.6034	5.5784	1.4649	7.3807	8.4026	149.89	88.1159	16,364.98
Apr.	1.6389	5.4995	1.4792	7.5561	8.6093	149.62	89.9311	16,313.20
May	1.6346	5.4092	1.4687	7.5948	8.5167	150.47	89.4602	16,116.84
June	1.6157	5.2695	1.4414	7.7653	8.4899	149.35	89.1134	16,194.88
July	1.6423	5.3099	1.4618	7.9482	8.6437	146.79	90.8395	16,639.99
Aug.	1.6818	5.3427	1.4703	7.9096	8.5370	143.87	90.3518	16,639.40
Sep.	1.6622	5.2770	1.4458	7.7967	8.3640	144.46	88.7372	16,424.67
Oct.	1.6637	5.3509	1.4474	7.7200	8.2648	146.50	87.8937	16,646.67
Nov.	1.6634	5.2963	1.4828	7.8087	8.4380	151.44	90.0102	16,853.56
Dec.	1.6321	5.3428	1.4653	7.7870	8.5152	150.55	90.8009	16,910.33
2024 Jan.	1.6422	5.3569	1.4631	7.8201	8.5244	149.43	90.6347	17,049.43
Feb.	1.6533	5.3559	1.4564	7.7651	8.4432	148.68	89.5608	16,898.59
Mar.	1.6586	5.4157	1.4726	7.8297	8.5049	149.04	90.2515	17,063.66
Apr.	1.6469	5.4975	1.4661	7.7658	8.4006	150.35	89.4676	17,258.77
May	1.6317	5.5529	1.4780	7.8206	8.4458	150.00	90.1573	17,375.67
June	1.6206	5.7884	1.4750	7.8051	8.4023	149.36	89.8106	17,595.94
July	1.6257	6.0053	1.4868	7.8750	8.4684	149.43	90.6557	17,623.29

* 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 on 1 January 2023.

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
2022	3.5345	138.03	1,358.07	4.6279	21.1869	1.6582	10.1026	57.314
2023	3.9880	151.99	1,412.88	4.9320	19.1830	1.7622	11.4248	60.163
2022 June	3.6038	141.57	1,351.47	4.6496	21.1240	1.6640	10.2972	56.756
July	3.5309	139.17	1,332.00	4.5197	20.8955	1.6436	10.1823	56.917
Aug.	3.3408	136.85	1,337.90	4.5233	20.3909	1.6158	9.8309	56.542
Sep.	3.4181	141.57	1,381.71	4.5005	19.8718	1.6691	10.1697	57.074
Oct.	3.4823	144.73	1,403.51	4.6127	19.6481	1.7299	10.3919	57.738
Nov.	3.5488	145.12	1,384.19	4.7002	19.8393	1.6828	10.3357	58.655
Dec.	3.6562	142.82	1,370.59	4.6721	20.7608	1.6660	10.4480	58.888
2023 Jan.	3.7126	140.54	1,341.38	4.6589	20.4573	1.6851	10.7149	59.162
Feb.	3.7975	142.38	1,368.77	4.6794	19.9543	1.7016	10.9529	58.743
Mar.	3.8742	143.01	1,398.25	4.7816	19.7242	1.7242	11.2858	58.581
Apr.	3.9877	146.51	1,452.07	4.8561	19.8195	1.7673	11.5187	60.807
May	3.9863	148.93	1,442.31	4.9119	19.2755	1.7481	11.7330	60.604
June	3.9502	153.15	1,406.43	5.0208	18.6993	1.7686	11.7164	60.475
July	4.0546	155.94	1,419.16	5.0754	18.7085	1.7758	11.3474	60.690
Aug.	4.0861	157.96	1,443.24	5.0294	18.5202	1.8195	11.4127	61.461
Sep.	4.0793	157.80	1,424.53	5.0024	18.4757	1.8012	11.4525	60.665
Oct.	4.2034	158.04	1,427.33	5.0142	19.0882	1.7916	11.6284	59.994
Nov.	4.1118	161.84	1,412.57	5.0667	18.7877	1.8033	11.7958	60.285
Dec.	4.0057	157.21	1,423.13	5.0826	18.7665	1.7556	11.5333	60.593
2024 Jan.	4.0493	159.46	1,447.18	5.1105	18.6268	1.7673	11.3501	61.090
Feb.	3.9345	161.38	1,437.37	5.1468	18.4425	1.7618	11.3843	60.486
Mar.	3.9442	162.77	1,448.12	5.1272	18.2610	1.7869	11.5214	60.736
Apr.	4.0240	165.03	1,469.42	5.1139	18.0066	1.7992	11.6828	61.171
May	4.0062	168.54	1,474.96	5.0971	18.1549	1.7819	11.5988	62.523
June	4.0074	169.81	1,485.38	5.0680	19.6134	1.7539	11.4178	63.177
July	3.9902	171.17	1,499.62	5.0737	19.6397	1.7985	11.7160	63.416

Other European and non-European countries (cont'd)							
	Singapore	South Africa	Switzerland	Thailand	Turkey	United Kingdom	United States
	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY	Pound sterling GBP	US dollar USD
2022	1.4512	17.2086	1.0047	36.856	17.4088	0.85276	1.0530
2023	1.4523	19.9551	0.9718	37.631	25.7597	0.86979	1.0813
2022 June	1.4624	16.6961	1.0245	36.928	17.9599	0.85759	1.0566
July	1.4211	17.1606	0.9876	37.028	17.7896	0.84955	1.0179
Aug.	1.4016	16.9182	0.9690	36.306	18.2701	0.84499	1.0128
Sep.	1.3999	17.3828	0.9640	36.670	18.1465	0.87463	0.9904
Oct.	1.4003	17.8214	0.9791	37.286	18.2655	0.87058	0.9826
Nov.	1.4144	17.8328	0.9842	37.087	18.9877	0.86892	1.0201
Dec.	1.4313	18.3036	0.9865	36.817	19.7613	0.86950	1.0589
2023 Jan.	1.4283	18.4320	0.9961	35.840	20.2312	0.88212	1.0769
Feb.	1.4262	19.1765	0.9905	36.486	20.1981	0.88550	1.0715
Mar.	1.4354	19.5602	0.9908	36.912	20.3491	0.88192	1.0706
Apr.	1.4609	19.9205	0.9846	37.549	21.2267	0.88115	1.0968
May	1.4555	20.6864	0.9751	37.166	21.4918	0.87041	1.0868
June	1.4596	20.3033	0.9764	37.852	25.7697	0.85861	1.0840
July	1.4753	20.1074	0.9663	38.243	29.3212	0.85856	1.1058
Aug.	1.4735	20.4723	0.9588	38.195	29.3788	0.85892	1.0909
Sep.	1.4562	20.2780	0.9600	38.301	28.8643	0.86158	1.0684
Oct.	1.4462	20.1390	0.9547	38.549	29.4506	0.86798	1.0563
Nov.	1.4575	20.0397	0.9634	38.327	30.9786	0.87045	1.0808
Dec.	1.4533	20.3373	0.9441	38.176	31.7243	0.86168	1.0903
2024 Jan.	1.4569	20.5161	0.9368	38.401	32.8165	0.85873	1.0905
Feb.	1.4513	20.5082	0.9462	38.709	33.2644	0.85466	1.0795
Mar.	1.4573	20.4955	0.9656	39.079	34.8229	0.85524	1.0872
Apr.	1.4554	20.2378	0.9761	39.454	34.6926	0.85658	1.0728
May	1.4606	19.9079	0.9830	39.607	34.8605	0.85564	1.0812
June	1.4547	19.8144	0.9616	39.492	35.0667	0.84643	1.0759
July	1.4602	19.7950	0.9676	39.324	35.6969	0.84332	1.0844

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

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

3. End-of-year rates and annual averages

EUR 1 = CU ...

Period	EU member countries								
	Bulgaria Bulgarian lev BGN	Croatia ¹ Kuna HRK	Czechia Czech koruna CZK	Denmark Danish krone DKK	Estonia ¹ Estonian kroon EEK	Hungary Hungarian forint HUF	Latvia ¹ Latvian lats LVL	Lithuania ¹ Lithuanian litas LTL	Poland Polish zloty PLN
	End of year								
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
2022	1.9558	7.5365	24.116	7.4365	–	400.87	–	–	4.6808
2023	1.9558	–	24.724	7.4529	–	382.80	–	–	4.3395
	Annual averages +								
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
2022	1.9558	7.5349	24.566	7.4396	–	391.29	–	–	4.6861
2023	1.9558	–	24.004	7.4509	–	381.85	–	–	4.5420

Period	EU member countries (cont'd)		Other European and non-European countries					
	Romania Romanian leu RON	Sweden Swedish krona SEK	Australia Australian dollar AUD	Brazil Brazilian real BRL	Canada Canadian dollar CAD	China Yuan (renminbi) CNY	Hong Kong Hong Kong dollar HKD	Iceland Icelandic krona ISK ²
	End of year							
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
2022	4.9495	11.1218	1.5693	5.6386	1.4440	7.3582	8.3163	151.50
2023	4.9756	11.0960	1.6263	5.3618	1.4642	7.8509	8.6314	150.50
	Annual averages +							
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
2022	4.9313	10.6296	1.5167	5.4399	1.3695	7.0788	8.2451	142.24
2023	4.9467	11.4788	1.6288	5.4010	1.4595	7.6600	8.4650	149.13

* 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	Indonesian rupiah IDR	New shekel ILS †	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN	New Zealand dollar NZD	Norwegian krone NOK	
End of year									
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
2022	88.1710	16,519.82	3.7554	140.66	1,344.09	4.6984	20.8560	1.6798	10.5138
2023	91.9045	17,079.71	3.9993	156.33	1,433.66	5.0775	18.7231	1.7504	11.2405
Annual averages +									
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
2022	82.6864	15,625.25	3.5345	138.03	1,358.07	4.6279	21.1869	1.6582	10.1026
2023	89.3001	16,479.62	3.9880	151.99	1,412.88	4.9320	19.1830	1.7622	11.4248

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	Pound sterling GBP	US dollar USD	
End of year									
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
2022	59.320	–	1.4300	18.0986	0.9847	36.835	19.9649	0.88693	1.0666
2023	61.283	–	1.4591	20.3477	0.9260	37.973	32.6531	0.86905	1.1050
Annual averages +									
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
2022	57.314	–	1.4512	17.2086	1.0047	36.856	17.4088	0.85276	1.0530
2023	60.163	–	1.4523	19.9551	0.9718	37.631	25.7597	0.86979	1.0813

* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. † Up to December 2010,

ECB indicative rates. ‡ 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*

4. Exchange rates of major currencies

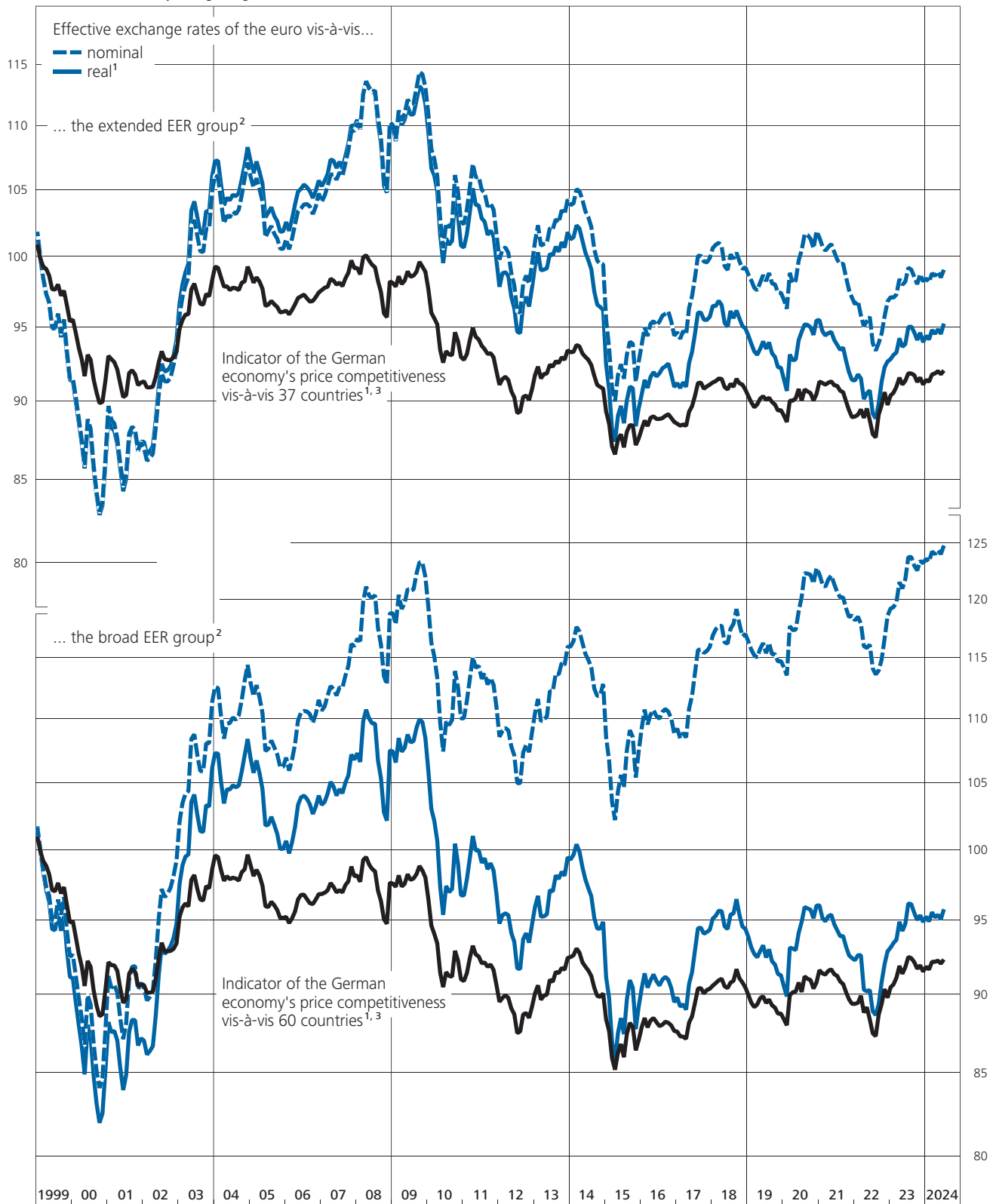


* See explanatory notes, p. 48. ¹ Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB.

III. Effective exchange rates

1. Effective exchange rates of the euro and indicators of the German economy's price competitiveness*

Q1 1999 = 100, monthly averages, log. scale



* The weights are based on trade in manufactured goods and services. For more detailed information on methodology and definition of country groups, see Explanatory notes, pp. 48–50. A decline in the figures implies an increase in com-

petitiveness. **1** Based on consumer price indices. **2** Includes the 18 respectively 41 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

Yearly, quarterly or monthly average	Effective exchange rates of the euro vis-à-vis the currencies of the					
	extended EER group of trading partners (fixed composition) ¹			broad EER group of trading partners (fixed composition) ^{2 3}		
	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	96.1	95.8	96.1	96.5	95.9
2000	87.0	86.8	85.9	85.5	88.0	86.1
2001	87.4	87.1	86.5	84.4	90.1	86.9
2002	89.7	90.3	89.7	88.1	94.4	90.5
2003	100.5	101.6	101.1	99.3	106.5	101.7
2004	104.3	105.6	104.2	102.6	111.0	105.6
2005	102.9	104.3	102.2	100.8	109.1	103.2
2006	102.9	104.3	101.6	99.8	109.3	102.6
2007	106.5	107.3	103.9	101.5	112.9	104.8
2008	110.4	110.3	106.1	105.4	117.8	107.3
2009	111.9	111.1	107.2	108.9	120.8	108.3
2010	104.6	103.3	98.9	101.4	112.1	99.3
2011	104.4	102.4	97.0	99.7	112.9	98.8
2012	98.6	97.0	91.4	93.9	107.6	94.0
2013	102.2	100.1	94.5	96.8	112.4	97.0
2014	102.4	99.5	94.4	97.0	114.7	97.4
2015	92.5	89.6	85.8	86.3	106.1	88.7
2016	95.2	91.6	88.1	p	110.1	90.7
2017	97.5	93.6	89.3	p	112.5	92.0
2018	100.0	95.8	90.9	p	117.3	95.2
2019	98.1	93.3	89.1	p	115.5	92.5
2020	99.7	93.7	89.9	p	119.2	93.9
2021	99.6	93.7	p	89.1	p	120.5
2022	95.3	90.8	p	84.1	p	116.1
2023	98.1	94.0	p	88.1	p	121.8
2022 Aug.	93.4	88.9	p	82.3	p	113.6
2022 Sep.	93.9	89.8	p	82.3	p	113.9
2022 Oct.	94.5	91.3	p	84.9	p	114.8
2022 Nov.	95.7	92.2	p	84.9	p	116.6
2022 Dec.	96.8	92.6	p	84.9	p	118.6
2023 Jan.	97.1	92.8	p	86.9	p	119.2
2023 Feb.	97.0	93.1	p	86.9	p	119.3
2023 Mar.	97.3	93.2	p	86.9	p	119.7
2023 Apr.	98.4	94.2	p	87.9	p	121.5
2023 May	98.0	93.6	p	87.9	p	120.9
2023 June	98.2	93.8	p	87.9	p	121.8
2023 July	99.2	95.0	p	87.9	p	123.7
2023 Aug.	99.0	95.0	p	88.9	p	123.7
2023 Sep.	98.5	94.6	p	88.9	p	123.0
2023 Oct.	98.0	94.1	p	88.6	p	122.5
2023 Nov.	98.7	94.6	p	88.6	p	123.4
2023 Dec.	98.2	93.9	p	88.6	p	123.2
2024 Jan.	98.4	94.4	p	88.6	p	123.6
2024 Feb.	98.1	94.1	p	88.6	p	123.3
2024 Mar.	98.8	94.8	p	88.6	p	124.2
2024 Apr.	98.6	94.5	p	88.6	p	124.0
2024 May	98.9	94.8	p	88.6	p	124.4
2024 June	98.5	94.5	p	88.6	p	124.0
2024 July	99.0	95.2	p	88.6	p	124.8
2024 July 15	99.3	—	—	—	—	125.1
2024 July 16	99.3	—	—	—	—	125.2
2024 July 17	99.4	—	—	—	—	125.2
2024 July 18	99.3	—	—	—	—	125.2
2024 July 19	99.3	—	—	—	—	125.2
2024 July 22	99.3	—	—	—	—	125.2
2024 July 23	99.1	—	—	—	—	124.9
2024 July 24	99.0	—	—	—	—	124.8
2024 July 25	98.9	—	—	—	—	124.7
2024 July 26	99.0	—	—	—	—	124.8
2024 July 29	98.8	—	—	—	—	124.6
2024 July 30	98.9	—	—	—	—	124.7
2024 July 31	98.6	—	—	—	—	124.4
2024 Aug. 1	98.4	—	—	—	—	124.1
2024 Aug. 2	98.5	—	—	—	—	124.3
2024 Aug. 5	98.8	—	—	—	—	125.0
2024 Aug. 6	98.8	—	—	—	—	124.8
2024 Aug. 7	98.9	—	—	—	—	125.0
2024 Aug. 8	98.9	—	—	—	—	125.0
2024 Aug. 9	98.9	—	—	—	—	124.8
2024 Aug. 12	98.9	—	—	—	—	125.0
2024 Aug. 13	98.8	—	—	—	—	125.0
2024 Aug. 14	99.2	—	—	—	—	125.5

* 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 18 most important trading partners for the euro area economy. ² Includes the 41 most important trading partners for the euro area economy. ³ The ECB has suspended 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							
	27 selected industrial countries ¹				37 countries ²	27 selected industrial countries ¹					37 countries ²	60 countries ^{2 3}	
	Total	of which:		Euro area countries		Non-euro area countries	Total	of which:		Euro area countries			Non-euro area countries
		Euro area countries	Non-euro area countries					Euro area countries	Non-euro area countries				
1999	97.8	99.6	95.7	95.7	97.6	98.3	100.1	96.1	96.1	98.1	97.8		
2000	91.9	97.5	85.4	85.4	91.1	93.1	99.0	86.1	86.1	92.3	91.2		
2001	91.7	96.6	86.0	86.0	90.5	93.0	98.1	86.9	86.9	91.7	91.1		
2002	92.3	95.7	88.4	88.4	91.0	93.5	96.9	89.4	89.4	92.2	91.9		
2003	95.9	94.8	97.5	97.5	95.3	97.0	95.7	99.0	99.0	96.7	96.8		
2004	96.1	93.6	99.9	99.9	95.6	98.5	95.4	102.9	102.9	98.2	98.4		
2005	94.7	92.0	98.7	98.7	93.3	98.5	95.2	103.2	103.2	97.2	96.8		
2006	93.5	90.4	98.1	98.1	91.6	98.6	94.8	104.0	104.0	96.8	96.0		
2007	94.6	89.6	102.1	102.1	92.1	100.9	95.1	109.6	109.6	98.3	97.4		
2008	94.9	88.4	105.2	105.2	91.4	102.4	94.5	114.6	114.6	98.5	97.6		
2009	95.3	89.2	104.7	104.7	92.1	101.9	94.4	113.5	113.5	98.6	97.9		
2010	92.5	88.7	98.2	98.2	88.2	98.8	94.0	105.7	105.7	94.3	92.5		
2011	92.1	88.4	97.6	97.6	87.4	98.2	93.7	104.8	104.8	93.5	91.9		
2012	90.1	88.3	92.6	92.6	84.8	95.9	93.2	99.5	99.5	90.5	88.9		
2013	92.3	88.8	97.5	97.5	86.7	98.1	93.3	105.2	105.2	92.3	90.9		
2014	93.0	89.6	97.9	97.9	87.4	98.2	93.6	104.8	104.8	92.5	91.5		
2015	89.8	90.2	89.1	89.1	83.6	94.3	94.1	94.4	94.4	87.8	86.9		
2016	90.7	90.7	90.6	90.6	85.0	95.0	94.1	96.1	96.1	88.8	88.1		
2017	91.9	90.8	93.5	93.5	85.7	96.3	94.2	99.2	99.2	89.9	88.9		
2018	93.2	90.9	96.6	96.6	86.7	97.7	94.4	102.5	102.5	91.1	90.8		
2019	92.2	91.1	93.8	93.8	85.8	96.4	94.3	99.3	99.3	89.9	89.4		
2020	92.4	91.4	93.9	93.9	86.5	96.4	94.2	99.5	99.5	90.1	90.1		
2021	93.5	91.7	96.0	96.0	86.7	97.4	94.8	101.0	101.0	90.6	90.9		
2022	92.0	91.3	92.8	92.8	85.0	95.9	94.5	97.7	97.7	89.1	89.0		
2023	93.5	91.6	96.2	96.2	87.1	98.0	95.2	101.9	101.9	91.3	p 91.6		
2021 Feb.	93.4	91.5	96.2	96.2	87.0	98.0	95.0	102.3	102.3	91.2	91.4		
Mar.						97.7	94.8	101.8	101.8	91.1	91.3		
Apr.						97.9	94.9	102.2	102.2	91.2	91.5		
May						98.1	95.0	102.5	102.5	91.3	91.6		
June	93.3	91.2	96.4	96.4	86.6	97.9	95.0	102.0	102.0	91.0	91.3		
July						97.8	95.3	101.3	101.3	91.0	91.2		
Aug.						97.4	95.1	100.7	100.7	90.7	90.8		
Sep.	93.7	91.9	96.4	96.4	87.0	97.3	94.8	100.7	100.7	90.6	90.7		
Oct.						96.7	94.6	99.6	99.6	90.0	90.1		
Nov.						96.1	94.3	98.6	98.6	89.4	89.7		
Dec.	93.4	92.2	95.0	95.0	86.3	95.8	94.1	97.9	97.9	88.9	89.4		
2022 Jan.						96.0	94.2	98.4	98.4	89.0	89.4		
Feb.	92.6	91.6	94.1	94.1	85.4	96.2	94.1	98.9	98.9	89.1	89.4		
Mar.						96.3	94.4	98.7	98.7	89.5	89.9		
Apr.						96.1	94.7	97.8	97.8	88.9	88.8		
May						96.5	95.2	98.1	98.1	89.5	89.1		
June	92.0	91.1	93.1	93.1	84.8	95.7	94.2	97.6	97.6	88.7	88.4		
July						94.8	94.1	95.4	95.4	87.9	87.5		
Aug.						94.5	93.9	94.9	94.9	87.6	87.3		
Sep.	91.3	91.3	91.2	91.2	84.5	95.9	94.9	96.9	96.9	89.1	88.7		
Oct.						96.0	94.6	97.6	97.6	89.7	89.4		
Nov.						97.0	95.3	99.2	99.2	90.6	90.3		
Dec.	91.9	91.2	92.9	92.9	85.5	96.2	94.1	99.1	99.1	89.7	89.8		
2023 Jan.						97.5	94.9	101.0	101.0	90.4	p 90.4		
Feb.	92.8	91.1	95.2	95.2	85.9	97.7	95.1	101.3	101.3	90.5	p 90.6		
Mar.						98.0	95.4	101.7	101.7	90.9	p 91.1		
Apr.						98.5	95.6	102.8	102.8	91.5	p 91.9		
May						98.1	95.3	101.9	101.9	91.1	p 91.3		
June	93.3	91.3	96.1	96.1	86.7	98.2	95.5	102.1	102.1	91.3	p 91.8		
July						98.4	95.3	102.8	102.8	91.8	p 92.5		
Aug.						98.3	95.2	102.6	102.6	91.8	p 92.4		
Sep.	93.6	91.6	96.5	96.5	87.6	98.0	95.3	101.9	101.9	91.7	p 92.1		
Oct.						97.7	95.1	101.3	101.3	91.3	p 91.7		
Nov.						98.2	95.2	102.4	102.4	91.6	p 91.9		
Dec.	94.2	92.3	97.0	97.0	88.0	97.7	95.0	101.4	101.4	91.1	p 91.5		
2024 Jan.						97.8	95.1	101.6	101.6	91.4	p 91.8		
Feb.	93.8	92.1	96.4	96.4	87.8	97.7	95.0	101.4	101.4	91.3	p 91.6		
Mar.						98.1	95.2	102.3	102.3	91.8	p 92.1		
Apr.						98.3	95.4	102.5	102.5	91.8	p 92.1		
May						98.6	95.4	103.2	103.2	92.0	p 92.2		
June	...	...	...	...	...	98.1	95.2	102.3	102.3	91.8	p 92.0
July						p 98.4	p 95.2	p 103.0	p 103.0	p 92.0	p 92.3		

* The weights are based on trade in manufactured goods and services. For information on methodology and grouping of countries, see Explanatory notes, pp. 48-50. A decline in the figures implies an increase in competitiveness. Where current price and wage indices were not available, estimates were used. ¹ Includes 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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Afghanistan							
Kabul	Afghani = 100 puls	B	USD 1 =	AFN 81.1828	AFN 71.3850	AFN 70.9688	AFN 70.9330
		S	USD 1 =	AFN 81.2828	AFN 71.4850	AFN 71.0688	AFN 71.0330
	AFN	B	EUR 1 =	AFN 87.5552	AFN 76.3288	AFN 75.4867	AFN 76.4289
		S	EUR 1 =	AFN 87.8152	AFN 76.5888	AFN 75.7467	AFN 76.6889
Albania							
Tirana	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 100.32	ALL 93.01	ALL 93.70	ALL 92.58
		M	EUR 1 =	ALL 108.68	ALL 100.86	ALL 100.31	ALL 100.22
Algeria							
Algiers	Algerian dinar = 100 centimes	B	USD 1 =	DZD 135.8504	DZD 134.4614	DZD 134.5324	DZD 134.3042
		S	USD 1 =	DZD 135.8654	DZD 134.4764	DZD 134.5474	DZD 134.3192
	DZD	B	EUR 1 =	DZD 146.8145	DZD 145.8368	DZD 144.0304	DZD 145.5992
		S	EUR 1 =	DZD 146.8689	DZD 145.9069	DZD 144.1003	DZD 145.6289
Angola							
Luanda	Kwanza = 100 cêntimos AOA	M	USD 1 =	AOA 698.829	AOA 852.223	AOA 853.629	AOA 876.055
		M	EUR 1 =	AOA 757.524	AOA 924.918	AOA 913.725	AOA 949.644
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 2.9068	XCD 2.9172	XCD 2.8777	XCD 2.9108
		V, S	EUR 1 =	XCD 2.9378	XCD 2.9484	XCD 2.9084	XCD 2.9419
Argentina 1							
Buenos Aires	Argentine peso = 100 centavos	B	USD 1 =	ARS 294.6068	ARS 892.5000	ARS 909.0000	ARS 929.0000
		S	USD 1 =	ARS 295.2949	ARS 895.5000	ARS 912.0000	ARS 932.0000
	ARS	B	EUR 1 =	ARS 318.5998	ARS 967.0238	ARS 973.1754	ARS 1,002.8555
		S	EUR 1 =	ARS 320.0821	ARS 972.5130	ARS 978.6672	ARS 1,008.4240
Armenia							
Yerevan	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 392.40	AMD 387.38	AMD 388.16	AMD 388.10
		M	EUR 1 =	AMD 425.25	AMD 420.31	AMD 415.72	AMD 420.43
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 192.89	AWG 193.28	AWG 190.64	AWG 192.99
		S	EUR 100 =	AWG 194.83	AWG 195.22	AWG 192.56	AWG 194.93

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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Australia							
Canberra	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.6644	USD 0.6637	USD 0.6624	USD 0.6491
		M	AUD 1 =	EUR 0.6126	EUR 0.6134	EUR 0.6196	EUR 0.5996
Austria							
Vienna	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828
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 1.8436	AZN 1.8391	AZN 1.8170	AZN 1.8405
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 1.07589	BSD 1.07977	BSD 1.06515	BSD 1.07739
		V, S	EUR 1 =	BSD 1.09482	BSD 1.09877	BSD 1.08388	BSD 1.09634
Bahrain							
Manama	Bahraini dinar = 1,000 fils BHD	2	USD 1 =	BHD 0.376081	BHD 0.376081	BHD 0.376081	BHD 0.376081
		M	EUR 1 =	BHD 0.4078804	BHD 0.4061870	BHD 0.4029150	BHD 0.4067510
Bangladesh 1							
Dhaka	Taka = 100 poisha BDT	B	USD 1 =	BDT 106.8750	BDT 116.9000	BDT 117.0000	BDT 117.0000
		S	USD 1 =	BDT 108.5308	BDT 117.9000	BDT 118.0000	BDT 118.0000
		B	EUR 1 =	BDT 115.4373	BDT 124.4401	BDT 123.5871	BDT 124.9209
		S	EUR 1 =	BDT 122.0670	BDT 130.8572	BDT 130.0006	BDT 131.3104
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 2.15904	BBD 2.15811	BBD 2.13202	BBD 2.15303
		S	EUR 1 =	BBD 2.19951	BBD 2.19857	BBD 2.17199	BBD 2.19339
Belarus							
Minsk	Belarusian rouble = 100 kopecks BYN	M	USD 1 =	BYN 3.0148	BYN 3.2059	BYN 3.1624	BYN 3.1349
		M	EUR 1 =	BYN 3.2659	BYN 3.4668	BYN 3.3821	BYN 3.3970

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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Belgium							
Brussels	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828
Belize							
Belmopan	Belize dollar = 100 cents	² B	USD 1 =	BZD 1.9927	³ BZD 2.0000	BZD 2.0000	BZD 2.0000
		² S	USD 1 =	BZD 2.0175	BZD 2.0175	BZD 2.0175	BZD 2.0175
	B	EUR 1 =	BZD 2.1479	BZD 2.1550	BZD 2.1215	BZD 2.1496	
	S	EUR 1 =	BZD 2.1859	BZD 2.1930	BZD 2.1589	BZD 2.1876	
Benin ¹							
Porto-Novo Seat of government: Cotonou	CFA franc	B	USD 1 =	XOF 601.85	XOF 602.50	XOF 609.25	XOF 602.75
		S	USD 1 =	XOF 608.85	XOF 609.50	XOF 616.25	XOF 609.75
	4	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957	
Bermuda							
Hamilton	Bermudian dollar = 100 cents	² B	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
		² S	USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
	V, B	EUR 1 =	BMD 1.0770	BMD 1.0809	BMD 1.0662	BMD 1.0785	
	V, S	EUR 1 =	BMD 1.0859	BMD 1.0899	BMD 1.0751	BMD 1.0875	
Bhutan ¹							
Thimphu	Ngultrum = 100 chhetrum	B	USD 1 =	BTN 81.96	BTN 83.12	BTN 83.24	BTN 83.50
		S	USD 1 =	BTN 83.90	BTN 84.65	BTN 84.80	BTN 85.05
	B	EUR 1 =	BTN 88.75	BTN 89.88	BTN 89.06	BTN 90.45	
	S	EUR 1 =	BTN 90.50	BTN 91.15	BTN 90.35	BTN 91.80	
Bolivia, Plurinational State of ¹							
Sucre Seat of government: La Paz	Boliviano = 100 centavos	B	USD 1 =	BOB 6.86	BOB 6.86	BOB 6.86	BOB 6.86
		S	USD 1 =	BOB 6.96	BOB 6.96	BOB 6.96	BOB 6.96
	V, B	EUR 1 =	BOB 7.4183	BOB 7.4445	BOB 7.3436	BOB 7.4280	
	V, S	EUR 1 =	BOB 7.5265	BOB 7.5530	BOB 7.4507	BOB 7.5363	
Bosnia and Herzegovina							
Sarajevo	Convertible marka = 100 feninga	B	USD 1 =	BAM 1.800222	BAM 1.803921	BAM 1.822457	BAM 1.802421
		S	USD 1 =	BAM 1.809246	BAM 1.812963	BAM 1.831593	BAM 1.811455
	4	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583	
Botswana							
Gaborone	Pula = 100 thebe	B	BWP 1 =	USD 0.0748	USD 0.0732	USD 0.0737	USD 0.0740
		S	BWP 1 =	USD 0.0746	USD 0.0730	USD 0.0735	USD 0.0738
	B	BWP 1 =	EUR 0.0696	EUR 0.0673	EUR 0.0689	EUR 0.0683	
	S	BWP 1 =	EUR 0.0694	EUR 0.0671	EUR 0.0687	EUR 0.0681	

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 Adjustment of the fixed value with effect from 1 June 2023. 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 2023	Rate at end of month			
					May 2024	June 2024	July 2024	
Brazil								
Brasília	Brazilian real = 100 centavos	B	USD 1 =	BRL 4.9947	BRL 5.2410	BRL 5.5583	BRL 5.6615	
		S	USD 1 =	BRL 4.9953	BRL 5.2416	BRL 5.5589	BRL 5.6621	
	BRL	B	EUR 1 =	BRL 5.3932	BRL 5.6844	BRL 5.9535	BRL 6.1274	
		S	EUR 1 =	BRL 5.3952	BRL 5.6856	BRL 5.9547	BRL 6.1287	
	Brunei Darussalam ¹							
	Bandar Seri Begawan	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3322	BND 1.3439	BND 1.3491	BND 1.3327
S			USD 1 =	BND 1.3496	BND 1.3619	BND 1.3672	BND 1.3507	
BND		B	EUR 1 =	BND 1.4298	BND 1.4350	BND 1.4286	BND 1.4259	
		S	EUR 1 =	BND 1.4837	BND 1.4890	BND 1.4831	BND 1.4799	
Bulgaria								
Sofia		Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.80931	BGN 1.80228	BGN 1.82702	BGN 1.80627
	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 601.85	XOF 602.50	XOF 609.25	XOF 602.75	
		S	USD 1 =	XOF 608.85	XOF 609.50	XOF 616.25	XOF 609.75	
	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 2,564.4556	BIF 2,856.8509	BIF 2,861.6720	BIF .	
		S	USD 1 =	BIF 2,605.8178	BIF 2,902.9291	BIF 2,907.8280	BIF .	
	BIF	B	EUR 1 =	BIF 2,779.4071	BIF 3,090.5413	BIF 3,059.4135	BIF .	
		S	EUR 1 =	BIF 2,824.2363	BIF 3,140.3887	BIF 3,108.7589	BIF .	
	Cabo Verde							
	Praia	Cabo Verde escudo = 100 centavos	B	USD 1 =	CVE 101.552	CVE 101.855	CVE 102.989	CVE 101.770
S			USD 1 =	CVE 101.754	CVE 102.057	CVE 103.191	CVE 101.972	
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 4,109	KHR 4,093	KHR 4,110	KHR 4,108	
		B	EUR 1 =	KHR 4,451	KHR 4,425	KHR 4,391	KHR 4,448	
	S	EUR 1 =	KHR 4,495	KHR 4,469	KHR 4,435	KHR 4,493		
Cameroon ¹								
Yaoundé	CFA franc	B	USD 1 =	XAF 600.8986	XAF 602.2898	XAF 610.4092	XAF 603.6877	
		S	USD 1 =	XAF 606.2977	XAF 606.0937	XAF 614.6639	XAF 606.1867	
	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 1.3497	CAD 1.3637	CAD 1.3687	CAD 1.3809	
		M	EUR 1 =	CAD 1.4599	CAD 1.4802	CAD 1.4659	CAD 1.4949	

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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
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 0.9011	KYD 0.9043	KYD 0.8921	KYD 0.9023
Central African Republic ¹							
Bangui	CFA franc XAF	B	USD 1 =	XAF 600.8986	XAF 602.2898	XAF 610.4092	XAF 603.6877
		S	USD 1 =	XAF 606.2977	XAF 606.0937	XAF 614.6639	XAF 606.1867
		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 600.8986	XAF 602.2898	XAF 610.4092	XAF 603.6877
		S	USD 1 =	XAF 606.2977	XAF 606.0937	XAF 614.6639	XAF 606.1867
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chile							
Santiago Seat of parliament: Valparaíso	Chilean peso = 100 centavos CLP	M	USD 1 =	CLP 839.07	CLP 917.98	CLP 951.02	CLP 956.58
		M	EUR 1 =	CLP 907.21	CLP 994.78	CLP 1,018.11	CLP 1,034.36
China							
Beijing	Chinese renminbi ⁴ 1 yuan (renminbi) = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 7.0467	CNY 7.1088	CNY 7.1268	CNY 7.1346
		M	EUR 1 =	CNY 7.6689	CNY 7.7322	CNY 7.6617	CNY 7.7439
		M	HKD 1 =	CNY 0.89935	CNY 0.90927	CNY 0.91268	CNY 0.91336
China (Taiwan)							
Taipei	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 31.145	TWD 32.350	TWD 32.400	TWD 32.785
		S	USD 1 =	TWD 32.495	TWD 32.450	TWD 32.500	TWD 32.885
		B	EUR 1 =	TWD 33.54	TWD 34.87	TWD 34.51	TWD 35.32
S	EUR 1 =	TWD 33.94	TWD 35.27	TWD 34.91	TWD 35.72		
Colombia							
Bogotá	Colombian peso = 100 centavos COP	M	USD 1 =	COP 4,326.74	COP 3,874.32	COP 4,158.10	COP 4,089.05
		V	EUR 1 =	COP 4,677.670	COP 4,204.412	COP 4,451.246	COP 4,427.623
Comoros							
Moroni	Comorian franc = 100 centimes KMF	V	USD 1 =	KMF 454.97804	KMF 453.34293	KMF 459.56819	KMF 454.34776
		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 600.8986	XAF 602.2898	XAF 610.4092	XAF 603.6877
		S	USD 1 =	XAF 606.2977	XAF 606.0937	XAF 614.6639	XAF 606.1867
		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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Congo, Democratic Republic of the							
Kinshasa	Congo franc = 100 centimes CDF	M	USD 1 =	CDF 2,350.1736	CDF 2,804.6824	CDF 2,840.6487	CDF 2,852.5929
		M	EUR 1 =	CDF 2,545.6034	CDF 3,044.2388	CDF 3,042.8488	CDF 3,086.2135
Cook Islands ¹							
Avarua	Cook Islands dollar ² = 100 cents NZD	B	NZD 1 =	EUR 0.5770	EUR 0.5765	EUR 0.5804	EUR 0.5567
		S	NZD 1 =	EUR 0.5551	EUR 0.5549	EUR 0.5586	EUR 0.5358
Costa Rica							
San José	Costa Rican colón = 100 céntimos CRC	B	USD 1 =	CRC 538.34	CRC 522.66	CRC 523.42	CRC 521.33
		S	USD 1 =	CRC 545.32	CRC 528.55	CRC 530.41	CRC 527.61
		V, B V, S	EUR 1 = EUR 1 =	CRC 582.8988 CRC 590.4537	CRC 567.1906 CRC 573.5825	CRC 560.3211 CRC 567.8039	CRC 564.4961 CRC 571.2961
Côte d'Ivoire ¹							
Yamoussoukro Seat of government: Abidjan	CFA franc XOF	B	USD 1 =	XOF 601.85	XOF 602.50	XOF 609.25	XOF 602.75
		S	USD 1 =	XOF 608.85	XOF 609.50	XOF 616.25	XOF 609.75
		3	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Croatia							
Zagreb	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828
Cuba ¹							
Havana	Cuban peso = 100 centavos CUP	4 5	USD 1 =	CUP 24.00	CUP 24.00	CUP 24.00	CUP 24.00
		5	EUR 1 =	CUP 25.9864	CUP 26.0400	CUP 25.7064	CUP 25.9368
		6	USD 1 =	CUP 120.00	CUP 120.00	CUP 120.00	CUP 120.00
		6	EUR 1 =	CUP 129.9320	CUP 130.2000	CUP 128.5320	CUP 129.6840
Curaçao							
Willemstad	Netherlands Antillean guilder = 100 cents ANG	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
		B S	EUR 100 = EUR 100 =	ANG 192.90 ANG 196.79	ANG 193.28 ANG 197.17	ANG 190.64 ANG 194.49	ANG 192.99 ANG 196.88
Cyprus							
Nicosia	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828
Czechia							
Prague	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 22.210	CZK 22.765	CZK 23.386	CZK 23.509
		M	EUR 1 =	CZK 23.971	CZK 24.705	CZK 25.030	CZK 25.460

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. ⁵ Rate for transactions by general government. ⁶ Rate for non-government transactions.

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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Denmark							
Copenhagen	Danish krone = 100 øre DKK	M	USD 100 =	DKK 689.26	DKK 687.32	DKK 696.64	DKK 689.15
		M	EUR 100 =	DKK 745.13	DKK 745.88	DKK 745.75	DKK 746.21
Djibouti							
Djibouti	Djibouti franc = 100 centimes DJF	2 B	USD 1 =	DJF 176.83	DJF 176.83	DJF 176.83	DJF 176.83
		2 S	USD 1 =	DJF 179.50	DJF 179.50	DJF 179.50	DJF 179.50
		B	EUR 1 =	DJF 189.80	DJF 189.41	DJF 187.01	DJF 189.93
		S	EUR 1 =	DJF 197.54	DJF 196.80	DJF 196.26	DJF 197.35
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 2.9068	XCD 2.9172	XCD 2.8777	XCD 2.9108
		V, S	EUR 1 =	XCD 2.9378	XCD 2.9484	XCD 2.9084	XCD 2.9419
Dominican Republic							
Santo Domingo	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 55.2360	DOP 58.0626	DOP 58.1709	DOP 58.3409
		S	USD 1 =	DOP 56.4645	DOP 59.3017	DOP 59.5773	DOP 59.5977
		B	EUR 1 =	DOP 59.3586	DOP 62.3309	DOP 61.8806	DOP 62.7188
		S	EUR 1 =	DOP 62.8987	DOP 66.0307	DOP 65.5719	DOP 66.4198
Egypt							
Cairo	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 30.64	EGP 47.22	EGP 47.98	EGP 48.51
		S	USD 1 =	EGP 30.74	EGP 47.32	EGP 48.08	EGP 48.61
		B	EUR 1 =	EGP 33.1023	EGP 50.9457	EGP 51.2330	EGP 52.4248
		S	EUR 1 =	EGP 33.4357	EGP 51.2854	EGP 51.5706	EGP 52.7370
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	EUR 1 =	SVC 9.4614	SVC 9.4955	SVC 9.3669	SVC 9.4745
Equatorial Guinea ¹							
Malabo	CFA franc XAF	B	USD 1 =	XAF 600.8986	XAF 602.2898	XAF 610.4092	XAF 603.6877
		S	USD 1 =	XAF 606.2977	XAF 606.0937	XAF 614.6639	XAF 606.1867
		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 16.2843	ERN 16.2570 ⁴	ERN 16.0560	ERN 16.2555
		S	EUR 1 =	ERN 16.9205	ERN 16.8932 ⁴	ERN 16.6922	ERN 16.8917
Estonia							
Tallinn	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Value against the US dollar. ³ Value against the euro. ⁴ Exchange rate as of 27 May 2024.

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 2023	Rate at end of month			
					May 2024	June 2024	July 2024	
Eswatini ¹								
Mbabane Seat of parliament: Lobamba	Lilangeni = 100 cents	B	USD 1 =	SZL 18.4738	SZL 18.7001	SZL 18.2275	SZL 18.2269	
		S	USD 1 =	SZL 18.4834	SZL 18.7080	SZL 18.2352	SZL 18.2369	
	SZL	B	EUR 1 =	SZL 20.0371	SZL 20.3300	SZL 19.5106	SZL 19.7296	
		S	EUR 1 =	SZL 20.0500	SZL 20.3405	SZL 19.5197	SZL 19.7400	
	Ethiopia ¹							
	Addis Ababa	Birr = 100 cents	B	USD 1 =	ETB 54.7070	ETB 57.0504	ETB 57.3265	ETB 77.1280 ¹
S			USD 1 =	ETB 55.8012	ETB 58.1914	ETB 58.4730	ETB 78.6706 ¹	
ETB		B	EUR 1 =	ETB 59.3658	ETB 61.7228	ETB 61.3107	ETB 83.3754 ¹	
		S	EUR 1 =	ETB 60.5531	ETB 62.9573	ETB 62.5369	ETB 85.0429 ¹	
Falkland Islands (Islas Malvinas)								
Stanley		Falkland Islands pound ² = 100 pence FKP	V	USD 1 =	FKP 0.80439	FKP 0.78663	FKP 0.79064	FKP 0.77928
	V		EUR 1 =	FKP 0.86979	FKP 0.85365	FKP 0.84638	FKP 0.84380	
Fiji								
Suva	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4526	USD 0.4499	USD 0.4496	USD 0.4456	
		S	FJD 1 =	USD 0.4356	USD 0.4329	USD 0.4326	USD 0.4286	
	FJD	B	FJD 1 =	EUR 0.4150	EUR 0.4142	EUR 0.4176	EUR 0.4097	
		S	FJD 1 =	EUR 0.4030	EUR 0.4022	EUR 0.4056	EUR 0.3977	
Finland								
Helsinki	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828	
France								
Paris	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828	
Gabon ¹								
Libreville	CFA franc	B	USD 1 =	XAF 600.8986	XAF 602.2898	XAF 610.4092	XAF 603.6877	
		S	USD 1 =	XAF 606.2977	XAF 606.0937	XAF 614.6639	XAF 606.1867	
	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 60.71	GMD 67.01	GMD 67.42	GMD 68.04	
		M	EUR 1 =	GMD 65.93	GMD 72.79	GMD 73.20	GMD 74.75	
Georgia								
Tbilisi	Lari = 100 tetri GEL	M	USD 1 =	GEL 2.6277	GEL 2.7968	GEL 2.8327	GEL 2.7214	
		M	EUR 1 =	GEL 2.8417	GEL 3.0259	GEL 3.0310	GEL 2.9481	

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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Germany							
Berlin	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828
Ghana							
Accra	Ghana cedi = 100 Ghana pesewas GHS	B S	USD 1 =	GHS 11.1524	GHS 14.1230	GHS 14.5787	GHS 14.8934
			USD 1 =	GHS 11.1635	GHS 14.1372	GHS 14.5933	GHS 14.9084
		B S	EUR 1 =	GHS 12.0775	GHS 15.3275	GHS 15.6192	GHS 16.0985
			EUR 1 =	GHS 12.0892	GHS 15.3415	GHS 15.6347	GHS 16.1145
Gibraltar							
Gibraltar	Gibraltar pound 2 = 100 pence GIP	V V	USD 1 =	GIP 0.80439	GIP 0.78663	GIP 0.79064	GIP 0.77928
			EUR 1 =	GIP 0.86979	GIP 0.85365	GIP 0.84638	GIP 0.84380
Greece							
Athens	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828
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 2.9068	XCD 2.9172	XCD 2.8777	XCD 2.9108
			EUR 1 =	XCD 2.9378	XCD 2.9484	XCD 2.9084	XCD 2.9419
Guatemala							
Guatemala City	Quetzal = 100 centavos GTQ	M V	USD 1 =	GTQ 7.83647	GTQ 7.76756	GTQ 7.76874	GTQ 7.74578
			EUR 1 =	GTQ 8.48573	GTQ 8.42936	GTQ 8.31644	GTQ 8.38713
Guinea							
Conakry	Guinean franc GNF	M M	USD 1 =	GNF 8,508.4991	GNF 8,520.3600	GNF 8,531.7371	GNF 8,551.3848
			EUR 1 =	GNF 9,225.4970	GNF 9,214.7692	GNF 9,125.5424	GNF 9,256.0204
Guinea-Bissau 1							
Bissau	CFA franc XOF	B S	USD 1 =	XOF 601.85	XOF 602.50	XOF 609.25	XOF 602.75
			USD 1 =	XOF 608.85	XOF 609.50	XOF 616.25	XOF 609.75
		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 225.09	GYD 225.55	GYD 222.41	GYD 225.16
			EUR 1 =	GYD 227.98	GYD 228.45	GYD 225.27	GYD 228.05

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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Haiti							
Port-au-Prince	Gourde = 100 centimes HTG	M	USD 1 =	HTG 140.1753	HTG 132.5063	HTG 132.0563	HTG 131.5466
		V	EUR 1 =	HTG 151.7859	HTG 143.7958	HTG 141.3663	HTG 142.4387
Honduras							
Tegucigalpa	Lempira = 100 centavos HNL	B	USD 1 =	HNL 24.6030	HNL 24.6870	HNL 24.7436	HNL 24.7337
		S	USD 1 =	HNL 24.7261	HNL 24.8104	HNL 24.8673	HNL 24.8574
		V, B	EUR 1 =	HNL 26.6413	HNL 26.7903	HNL 26.4880	HNL 26.7817
		V, S	EUR 1 =	HNL 26.7745	HNL 26.9242	HNL 26.6204	HNL 26.9156
Hong Kong							
Hong Kong	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.79805	HKD 7.78720	HKD 7.77790	HKD 7.78170
		S	USD 1 =	HKD 7.85978	HKD 7.84890	HKD 7.83960	HKD 7.84350
		B	EUR 1 =	HKD 8.40687	HKD 8.38530	HKD 8.28070	HKD 8.38630
		S	EUR 1 =	HKD 8.54956	HKD 8.52800	HKD 8.42320	HKD 8.52890
Hungary							
Budapest	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 353.25	HUF 359.43	HUF 369.40	HUF 365.64
		M	EUR 1 =	HUF 380.53	HUF 389.48	HUF 395.15	HUF 395.70
Iceland							
Reykjavik	Icelandic krona ISK	M	USD 1 =	ISK 137.661	ISK 137.39	ISK 139.09	ISK 138.44
		M	EUR 1 =	ISK 148.450	ISK 149.10	ISK 148.90	ISK 149.90
India ¹							
New Delhi	Indian rupee = 100 paise INR	M	USD 1 =	INR 82.5999	INR 83.2988	INR 83.4534	INR 83.7440
		M	EUR 1 =	INR 89.4895	INR 90.1210	INR 89.2490	INR 90.6222
Indonesia							
Jakarta	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 15,146.72	IDR 16,171.74	IDR 16,338.90	IDR 16,238.40
		S	USD 1 =	IDR 15,298.95	IDR 16,334.26	IDR 16,503.10	IDR 16,401.60
		B	EUR 1 =	IDR 16,392.04	IDR 17,478.42	IDR 17,464.65	IDR 17,561.83
		S	EUR 1 =	IDR 16,562.14	IDR 17,660.60	IDR 17,643.46	IDR 17,748.17
Iran, Islamic Republic of ¹							
Tehran	Iranian rial = 100 dinars IRR	2	USD 1 =	IRR 42,000	IRR 369,959	IRR 394,587	IRR 397,480
		2	EUR 1 =	IRR 45,555	IRR 399,967	IRR 422,808	IRR 429,620
		3	USD 1 =	IRR 510,567	IRR 590,500	IRR 618,000	IRR .
		3	EUR 1 =	IRR 553,167	IRR 640,500	IRR 662,500	IRR .

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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Iraq							
Baghdad	Iraqi dinar = 1,000 fils	2 B	USD 1 =	IQD 1,312.50	IQD 1,300.00	IQD 1,300.00	IQD 1,300.00
		2 S	USD 1 =	IQD 1,322.50	IQD 1,310.00	IQD 1,310.00	IQD 1,310.00
	IQD	B	EUR 1 =	IQD 1,421.539	IQD 1,405.950	IQD 1,391.650	IQD 1,407.640
S		EUR 1 =	IQD 1,432.370	IQD 1,416.765	IQD 1,402.355	IQD 1,418.468	
Ireland							
Dublin	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828
Israel							
Jerusalem	New shekel = 100 agorot ILS	M	USD 1 =	ILS 3.6897	ILS 3.7180	ILS 3.7590	ILS 3.7670
		M	EUR 1 =	ILS 4.0154	ILS 4.0247	ILS 4.0202	ILS 4.0810
Italy							
Rome	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828
Jamaica							
Kingston	Jamaican dollar = 100 cents	B	USD 1 =	JMD 153.3267	JMD 154.7507	JMD 155.6076	JMD 155.6068
		S	USD 1 =	JMD 154.9798	JMD 156.4977	JMD 156.7164	JMD 157.4203
	JMD	B	EUR 1 =	JMD 163.6487	JMD 166.0801	JMD 161.3946	JMD 165.2597
S		EUR 1 =	JMD 169.9925	JMD 167.9918	JMD 170.8255	JMD 173.2751	
Japan							
Tokyo	Japanese yen = 100 sen	B	USD 1 =	JPY 139.67	JPY 155.74	JPY 160.07	JPY 151.44
		S	USD 1 =	JPY 141.67	JPY 157.74	JPY 162.07	JPY 153.44
	JPY	B	EUR 1 =	JPY 151.67	JPY 168.28	JPY 170.83	JPY 163.39
S		EUR 1 =	JPY 154.67	JPY 171.28	JPY 173.83	JPY 166.39	
Jordan							
Amman	Jordanian dinar = 1,000 fils	2 B	USD 1 =	JOD 0.7080	JOD 0.7080	JOD 0.7080	JOD 0.7080
		2 S	USD 1 =	JOD 0.7100	JOD 0.7100	JOD 0.7100	JOD 0.7100
	JOD	B	EUR 1 =	JOD 0.76495	JOD 0.76365	JOD 0.75650	JOD 0.76499
S		EUR 1 =	JOD 0.77123	JOD 0.76829	JOD 0.76148	JOD 0.76957	
Kazakhstan							
Astana	Tenge = 100 tiyn KZT	M	USD 1 =	KZT 456.43	KZT 444.79	KZT 471.46	KZT 475.37
		M	EUR 1 =	KZT 494.49	KZT 481.04	KZT 504.79	KZT 514.97

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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Kenya ¹							
Nairobi	Kenya shilling = 100 cents KES	M	USD 1 =	KES 141.2130	KES 130.2333	KES 129.5270	KES 129.9225
		M	EUR 1 =	KES 153.1451	KES 140.8864	KES 138.8659	KES 140.4202
Korea, Democratic People's Republic of ¹							
Pyongyang	North Korean won = 100 chon KPW	B	USD 1 =	.	.	.	.
		S	USD 1 =	.	.	.	
		B	EUR 1 =	.	.	.	.
		S	EUR 1 =	.	.	.	.
Korea, Republic of							
Seoul	South Korean won = 100 chon KRW	B	USD 1 =	KRW 1,295.23	KRW 1,371.50	KRW 1,368.50	KRW 1,357.60
		S	USD 1 =	KRW 1,320.54	KRW 1,398.50	KRW 1,395.50	KRW 1,384.40
		B	EUR 1 =	KRW 1,405.70	KRW 1,487.57	KRW 1,465.39	KRW 1,469.61
		S	EUR 1 =	KRW 1,434.08	KRW 1,517.61	KRW 1,494.99	KRW 1,499.29
Kuwait							
Kuwait	Kuwaiti dinar = 1,000 fils KWD	B	USD 1 =	KWD 0.30581	KWD 0.30555	KWD 0.30610	KWD 0.30430
		S	USD 1 =	KWD 0.30958	KWD 0.30915	KWD 0.30820	KWD 0.30790
		B	EUR 1 =	KWD 0.331129	KWD 0.332393	KWD 0.327940	KWD 0.330059
		S	EUR 1 =	KWD 0.335209	KWD 0.336309	KWD 0.330190	KWD 0.333964
Kyrgyzstan							
Bishkek	Kyrgyz som = 100 tyiyn KGS	M	USD 1 =	KGS 87.9285	KGS 87.7000	KGS 86.4454	KGS 84.0300
		M	EUR 1 =	KGS 95.2932	KGS 94.8519	KGS 92.4706	KGS 90.9919
Lao People's Democratic Republic							
Vientiane	Kip LAK	B	USD 1 =	LAK 18,774	LAK 21,418	LAK 21,999	LAK 22,107
		S	USD 1 =	LAK 18,913	LAK 21,555	LAK 22,140	LAK 22,248
		B	EUR 1 =	LAK 20,319	LAK 23,144	LAK 23,488	LAK 23,871
		S	EUR 1 =	LAK 20,520	LAK 23,374	LAK 23,721	LAK 24,108
Latvia							
Riga	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828
Lebanon							
Beirut	Lebanese pound = 100 piastres LBP	M	USD 1 =	LBP 13,875.63	LBP 89,500.00	LBP 89,500.00	LBP 89,500.00
		M	EUR 1 =	LBP 15,050.00	LBP 96,973.00	LBP 95,756.00	LBP 96,902.00

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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Lesotho ¹							
Maseru	Loti = 100 lisente LSL	M	USD 1 =	LSL 18.4883	LSL 18.6230	LSL 18.2063	LSL 18.2416
		M	EUR 1 =	LSL 19.9987	LSL 20.1045	LSL 19.4758	LSL 19.7457
Liberia ¹							
Monrovia	Liberian dollar = 100 cents LRD	B	USD 1 =	LRD 175.3089	LRD 193.0804	LRD 193.6119	LRD 194.6179
		S	USD 1 =	LRD 177.2670	LRD 194.6170	LRD 195.1770	LRD 196.1268
		V, B V, S	EUR 1 = EUR 1 =	LRD 189.8646 LRD 191.9861	LRD 209.5309 LRD 211.1984	LRD 207.2615 LRD 208.9370	LRD 210.7323 LRD 212.3661
Libya							
Tripoli	Libyan dinar = 1,000 dirham LYD	B	USD 1 =	LYD 4.7997	LYD 4.8406	LYD 4.8616	LYD 4.8239
		S	USD 1 =	LYD 4.8237	LYD 4.8649	LYD 4.8860	LYD 4.8481
		B S	EUR 1 = EUR 1 =	LYD 5.1969 LYD 5.2229	LYD 5.2250 LYD 5.2511	LYD 5.2087 LYD 5.2348	LYD 5.2190 LYD 5.2451
Lithuania							
Vilnius	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828
Luxembourg							
Luxembourg	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828
Macao ¹							
Macao	Pataca = 100 avos MOP	B	USD 1 =	MOP 8.0589	MOP 8.0454	MOP 8.0357	MOP 8.0396
		S	USD 1 =	MOP 8.0851	MOP 8.0716	MOP 8.0619	MOP 8.0658
		B S	EUR 1 = EUR 1 =	MOP 8.7210 MOP 8.7602	MOP 8.6966 MOP 8.7358	MOP 8.5888 MOP 8.6280	MOP 8.6972 MOP 8.7364
Madagascar							
Antananarivo	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 4,431.43	MGA 4,445.53	MGA 4,465.15	MGA 4,546.12
		M	EUR 1 =	MGA 4,778.84	MGA 4,802.70	MGA 4,772.56	MGA 4,900.29
Malawi							
Lilongwe	Malawi kwacha = 100 tambala MWK	B	USD 1 =	MWK 1,153.2122	MWK 1,716.7320	MWK 1,716.7320	MWK 1,717.0236
		S	USD 1 =	MWK 1,175.9452	MWK 1,751.0000	MWK 1,751.0000	MWK 1,751.0000
		B S	EUR 1 = EUR 1 =	MWK 1,288.5153 MWK 1,313.9172	MWK 1,912.3450 MWK 1,950.5177	MWK 1,890.0653 MWK 1,927.7932	MWK 1,913.5542 MWK 1,951.4194
Malaysia							
Kuala Lumpur Seat of government: Putrajaya	Malaysian ringgit = 100 sen MYR	B	USD 1 =	MYR 4.4745	MYR 4.6193	MYR 4.6298	MYR 4.5268
		S	USD 1 =	MYR 4.6410	MYR 4.7887	MYR 4.8092	MYR 4.7022
		B S	EUR 1 = EUR 1 =	MYR 4.8485 MYR 5.0494	MYR 4.9912 MYR 5.1980	MYR 4.9511 MYR 5.1563	MYR 4.8904 MYR 5.0931

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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Maldives							
Malé	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.39	MVR 15.40	MVR 15.42	MVR 15.41
		V	EUR 1 =	MVR 16.66483	MVR 16.71208	MVR 16.50711	MVR 16.68595
Mali 1							
Bamako	CFA franc XOF	B	USD 1 =	XOF 601.85	XOF 602.50	XOF 609.25	XOF 602.75
		S	USD 1 =	XOF 608.85	XOF 609.50	XOF 616.25	XOF 609.75
		z	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Malta							
Valletta	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828
Mauritania							
Nouakchott	Ouguiya MRU	M	USD 1 =	MRU 36.72	MRU 39.29	MRU 39.54	MRU 39.61
		M	EUR 1 =	MRU 39.82	MRU 42.49	MRU 42.31	MRU 42.92
Mauritius							
Port Louis	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 44.6368	MUR 45.7729	MUR 46.6850	MUR 46.1971
		S	USD 1 =	MUR 45.5361	MUR 46.6721	MUR 47.5843	MUR 47.0964
		B	EUR 1 =	MUR 48.2684	MUR 49.4714	MUR 49.8760	MUR 50.1379
		S	EUR 1 =	MUR 49.6148	MUR 50.8783	MUR 51.2769	MUR 51.5693
Mexico							
Mexico City	Mexican peso = 100 centavos MXN	M	USD 1 =	MXN 17.7608	MXN 16.9682	MXN 18.2862	MXN 18.6320
		V	EUR 1 =	MXN 19.0886	MXN 18.4139	MXN 19.5754	MXN 20.1747
Moldova, Republic of							
Chisinau	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 18.1627	MDL 17.6979	MDL 17.9287	MDL 17.7281
		M	EUR 1 =	MDL 19.6390	MDL 19.1455	MDL 19.1901	MDL 19.2066
Mongolia							
Ulan Bator	Togrog = 100 mongo MNT	M	USD 1 =	MNT 3,463.80	MNT 3,381.43	MNT 3,381.05	MNT 3,380.81
		M	EUR 1 =	MNT 3,754.18	MNT 3,660.74	MNT 3,614.34	MNT 3,656.85
Morocco							
Rabat	Moroccan dirham = 100 centimes MAD	M	USD 1 =	MAD 10.1361	MAD 9.9530	MAD 9.9693	MAD 9.9116
		M	EUR 1 =	MAD 10.9572	MAD 10.7949	MAD 10.6655	MAD 10.7319

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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Mozambique							
Maputo	Metical = 100 centavos	B S	USD 1 =	MZN 63.25	MZN 63.27	MZN 63.27	MZN 63.27
			USD 1 =	MZN 64.52	MZN 64.54	MZN 64.54	
	MZN	B S	EUR 1 =	MZN 68.53	MZN 68.85	MZN 67.74	MZN 68.60
EUR 1 =			MZN 69.90	MZN 70.24	MZN 69.10	MZN 69.98	
Myanmar							
Nay Pyi Taw	Kyat = 100 pyas MMK	M M	USD 1 =	MMK 2,100.00	MMK 2,100.00	MMK 2,100.00	MMK 2,100.00
			EUR 1 =	MMK 2,275.13	MMK 2,271.80	MMK 2,246.20	MMK 2,273.40
Namibia ¹							
Windhoek	Namibia dollar = 100 cents NAD	M M	USD 1 =	NAD 18.5075	NAD 18.7930	NAD 18.4469	NAD 18.3014
			EUR 1 =	NAD 20.0517	NAD 20.3378	NAD 19.7246	NAD 19.8104
Nepal							
Kathmandu	Nepalese rupee = 100 paisa	B S	USD 1 =	NPR 131.85	NPR 133.02	NPR 133.24	NPR 133.67
			USD 1 =	NPR 132.45	NPR 133.62	NPR 133.84	NPR 134.27
	NPR	B S	EUR 1 =	NPR 142.95	NPR 143.93	NPR 142.57	NPR 144.75
			EUR 1 =	NPR 143.60	NPR 144.58	NPR 143.22	NPR 145.40
Netherlands							
Amsterdam Seat of government: The Hague	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828
New Caledonia ¹							
Nouméa	CFP franc XPF	V 2	XPF 1,000 =	USD 9.06	USD 9.09	USD 8.97	USD 9.07
			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 0.6258	USD 0.6239	USD 0.6199	USD 0.6025
			NZD 1 =	USD 0.6022	USD 0.6005	USD 0.5967	USD 0.5799
	NZD	B S	NZD 1 =	EUR 0.5770	EUR 0.5765	EUR 0.5804	EUR 0.5567
			NZD 1 =	EUR 0.5551	EUR 0.5549	EUR 0.5586	EUR 0.5358
Nicaragua							
Managua	Córdoba = 100 centavos NIO	M V	USD 1 =	NIO 36.4571	NIO 36.6243 ³	NIO 36.6243 ³	NIO 36.6243 ³
			EUR 1 =	NIO 39.47779	NIO 39.74469	NIO 39.20631	NIO 39.65679

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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Niger ¹							
Niamey	CFA franc	B	USD 1 =	XOF 601.85	XOF 602.50	XOF 609.25	XOF 602.75
		S	USD 1 =	XOF 608.85	XOF 609.50	XOF 616.25	XOF 609.75
		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 647.871	NGN 1,482.482	NGN 1,469.691	NGN 1,610.710
		S	USD 1 =	NGN 648.871	NGN 1,483.482	NGN 1,470.691	NGN 1,611.710
	B	EUR 1 =	NGN 702.5779	NGN 1,612.3474	NGN 1,572.7163	NGN 1,747.1371	
	S	EUR 1 =	NGN 703.6573	NGN 1,613.4350	NGN 1,573.7864	NGN 1,748.2218	
North Macedonia							
Skopje	North Macedonia denar = 100 deni	B	USD 1 =	MKD 56.5163	MKD 56.6338	MKD 57.2432	MKD 56.5189
		S	USD 1 =	MKD 57.0843	MKD 57.2030	MKD 57.8186	MKD 57.0869
	B	EUR 1 =	MKD 61.2523	MKD 61.2494	MKD 61.2273	MKD 61.1761	
	S	EUR 1 =	MKD 61.8679	MKD 61.8650	MKD 61.8427	MKD 61.7909	
Norway							
Oslo	Norwegian krone = 100 øre	B	USD 1 =	NOK 10.5283	NOK 10.4900	NOK 10.6383	NOK 10.8555
		S	USD 1 =	NOK 10.6043	NOK 10.5840	NOK 10.7323	NOK 10.9495
	B	EUR 1 =	NOK 11.4231	NOK 11.3592	NOK 11.3836	NOK 11.7556	
	S	EUR 1 =	NOK 11.5081	NOK 11.4532	NOK 11.4776	NOK 11.8496	
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 0.4159552	OMR 0.4143744	OMR 0.4112640	OMR 0.4156416	
	S	EUR 1 =	OMR 0.4171700	OMR 0.4156075	OMR 0.4126045	OMR 0.4167625	
Pakistan							
Islamabad	Pakistani rupee = 100 paisa	B	USD 1 =	PKR 280.92	PKR 278.00	PKR 278.30	PKR 278.55
		S	USD 1 =	PKR 281.42	PKR 278.50	PKR 278.80	PKR 279.05
	B	EUR 1 =	PKR 305.32	PKR 301.41	PKR 297.88	PKR 301.31	
	S	EUR 1 =	PKR 305.86	PKR 301.95	PKR 298.41	PKR 301.85	
Panama ¹							
Panama City	Balboa = 100 centésimos PAB	4	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
		V	EUR 1 =	PAB 1.0813	PAB 1.0852	PAB 1.0705	PAB 1.0828
Papua New Guinea							
Port Moresby	Kina = 100 toea	B	PGK 1 =	USD 0.2853	USD 0.2683	USD 0.2675	USD 0.2659
		S	PGK 1 =	USD 0.2703	USD 0.2533	USD 0.2525	USD 0.2509
	B	EUR 1 =	EUR 0.2567	EUR 0.2412	EUR 0.2434	EUR 0.2394	
	S	EUR 1 =	EUR 0.2417	EUR 0.2262	EUR 0.2284	EUR 0.2244	

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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Paraguay							
Asunción	Guaraní = 100 céntimos	B S	USD 1 =	PYG 7,286.84	PYG 7,521.21	PYG 7,533.98	PYG 7,576.00
			USD 1 =	PYG 7,298.73	PYG 7,522.66	PYG 7,543.01	PYG 7,582.56
	PYG	V, B V, S	EUR 1 = EUR 1 =	PYG 7,870.63 PYG 7,883.48	PYG 8,162.02 PYG 8,163.59	PYG 8,065.13 PYG 8,074.79	PYG 8,203.29 PYG 8,210.40
Peru							
Lima	Sol = 100 céntimos	B S	USD 1 =	PEN 3.741	PEN 3.735	PEN 3.827	PEN 3.712
			USD 1 =	PEN 3.748	PEN 3.741	PEN 3.837	PEN 3.722
	PEN	B S	EUR 1 =	PEN 3.918	PEN 3.782	PEN 3.818	PEN 3.646
			EUR 1 =	PEN 4.253	PEN 4.251	PEN 4.340	PEN 4.289
Philippines							
Manila	Philippine peso = 100 centavos	B S	USD 1 =	PHP 55.56	PHP 58.20	PHP 58.40	PHP 58.25
			USD 1 =	PHP 56.15	PHP 58.70	PHP 58.90	PHP 58.75
	PHP	B S	EUR 1 = EUR 1 =	PHP 58.8623 PHP 61.6044	PHP 61.9408 PHP 64.7174	PHP 61.4230 PHP 64.1666	PHP 61.9123 PHP 64.6786
Poland							
Warsaw	Polish zloty = 100 groszy PLN	M M	USD 1 =	PLN 4.2030	PLN 3.9389	PLN 4.0320	PLN 3.9689
			EUR 1 =	PLN 4.5284	PLN 4.2678	PLN 4.3130	PLN 4.2953
Portugal							
Lisbon	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828
Qatar							
Doha	Qatari riyal = 100 dirham QAR	2 V	USD 1 =	QAR 3.6400	QAR 3.6400	QAR 3.6400	QAR 3.6400
			EUR 1 =	QAR 3.9416	QAR 3.9501	QAR 3.8966	QAR 3.9414
Romania							
Bucharest	Romanian leu = 100 bani RON	M M	USD 1 =	RON 4.5758	RON 4.5898	RON 4.6489	RON 4.5956
			EUR 1 =	RON 4.9520	RON 4.9767	RON 4.9771	RON 4.9752
Russian Federation							
Moscow	Russian rouble = 100 kopecks RUB	M 3	USD 1 =	RUB 85.8116	RUB 89.7869	RUB 85.7480	RUB 86.3300
			EUR 1 =	RUB 92.7583	RUB 97.1347	RUB 90.9874	RUB 93.2947

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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Rwanda							
Kigali	Rwanda franc = 100 centimes	B	USD 1 =	RWF 1,152.11758	RWF 1,290.08233	RWF 1,298.15012	RWF 1,304.62438
		S	USD 1 =	RWF 1,175.15760	RWF 1,315.88137	RWF 1,324.11050	RWF 1,330.71423
	RWF	B	EUR 1 =	RWF 1,249.90752	RWF 1,395.35305	RWF 1,387.52776	RWF 1,412.12543
		S	EUR 1 =	RWF 1,274.90315	RWF 1,423.25729	RWF 1,415.27551	RWF 1,440.36509
Saint Helena, Ascension and Tristan da Cunha							
Jamestown	Saint Helena pound 2 = 100 pence	V	USD 1 =	SHP 0.80439	SHP 0.78663	SHP 0.79064	SHP 0.77928
		V	EUR 1 =	SHP 0.86979	SHP 0.85365	SHP 0.84638	SHP 0.84380
	SHP						
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 2.9068	XCD 2.9172	XCD 2.8777	XCD 2.9108
		V, S	EUR 1 =	XCD 2.9378	XCD 2.9484	XCD 2.9084	XCD 2.9419
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 2.9068	XCD 2.9172	XCD 2.8777	XCD 2.9108
		V, S	EUR 1 =	XCD 2.9378	XCD 2.9484	XCD 2.9084	XCD 2.9419
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 2.9068	XCD 2.9172	XCD 2.8777	XCD 2.9108
		V, S	EUR 1 =	XCD 2.9378	XCD 2.9484	XCD 2.9084	XCD 2.9419
Samoa							
Apia	Tala = 100 sene	M	WST 1 =	USD 0.36488	USD 0.36463	USD 0.36414	USD 0.35984
		M	WST 1 =	EUR 0.33646	EUR 0.33653	EUR 0.34011	EUR 0.33280
	WST						
Sao Tome and Principe							
São Tomé	Dobra = 100 cêntimos	B	USD 1 =	STN 22.5869	STN 22.6537	STN 22.9058	STN 22.6349
		S	USD 1 =	STN 22.9257	STN 22.9935	STN 23.2493	STN 22.9744
	STN	4	EUR 1 =	STN 24.5000	STN 24.5000	STN 24.5000	STN 24.5000
Saudi Arabia							
Riyadh	Saudi riyal = 100 halalah	3	USD 1 =	SAR 3.75	SAR 3.75	SAR 3.75	SAR 3.75
		V	EUR 1 =	SAR 4.05476	SAR 4.06950	SAR 4.01438	SAR 4.06050
	SAR						

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 2023	Rate at end of month			
					May 2024	June 2024	July 2024	
Senegal ¹								
Dakar	CFA franc	B	USD 1 =	XOF 601.85	XOF 602.50	XOF 609.25	XOF 602.75	
		S	USD 1 =	XOF 608.85	XOF 609.50	XOF 616.25	XOF 609.75	
		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 107.8157	RSD 107.8823	RSD 109.1961	RSD 107.7998	
		S	USD 1 =	RSD 108.4645	RSD 108.5315	RSD 109.8533	RSD 108.4486	
		RSD	B	EUR 1 =	RSD 116.8967	RSD 116.7502	RSD 116.6979	RSD 116.7041
		S	EUR 1 =	RSD 117.6001	RSD 117.4528	RSD 117.4001	RSD 117.4065	
Seychelles								
Victoria	Seychelles rupee = 100 cents	B	USD 1 =	SCR 13.7626	SCR 14.2418	SCR 14.3397	SCR 14.2928	
		S	USD 1 =	SCR 14.1907	SCR 14.6580	SCR 14.8332	SCR 14.7168	
		SCR	B	EUR 1 =	SCR 14.8107	SCR 15.5781	SCR 15.2082	SCR 15.8404
		S	EUR 1 =	SCR 15.4809	SCR 16.0379	SCR 15.9960	SCR 16.1430	
Sierra Leone								
Freetown	Leone = 100 cents	B	USD 1 =	SLE 21.4323	SLE 22.3892	SLE 22.3940	SLE 22.3911	
		S	USD 1 =	SLE 21.6477	SLE 22.6142	SLE 22.6190	SLE 22.6162	
		SLE	B	EUR 1 =	SLE 23.2078	SLE 24.2739	SLE 23.9524	SLE 24.2230
		S	EUR 1 =	SLE 23.4319	SLE 24.5130	SLE 24.1884	SLE 24.4664	
Singapore ¹								
Singapore	Singapore dollar = 100 cents	M	USD 1 =	SGD 1.3406	SGD 1.3507	SGD 1.3585	SGD 1.3434	
			SGD	M	EUR 1 =	SGD 1.4538	SGD 1.4613	SGD 1.4525	SGD 1.4538
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 192.90	ANG 193.28	ANG 190.64	ANG 192.99
		S	EUR 100 =	ANG 196.79	ANG 197.17	ANG 194.49	ANG 196.88	
Slovakia								
Bratislava	Euro = 100 cent		M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828
	EUR							
Slovenia								
Ljubljana	Euro = 100 cent		M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828
	EUR							
Solomon Islands								
Honiara	Solomon Islands dollar = 100 cents		M	SBD 1 =	USD 0.1193	USD 0.1176	USD 0.1181	USD 0.1174
			M	SBD 1 =	EUR 0.11007	EUR 0.10860	EUR 0.11030	EUR 0.10860
	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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Somalia ¹							
Mogadishu	Somali shilling	M	USD 1 =	.	.	.	.
	SOS	M	EUR 1 =	.	.	.	.
South Africa							
Pretoria Seat of parliament: Cape Town	South African rand = 100 cents	B	USD 1 =	ZAR 18.2542	ZAR 18.4793	ZAR 18.0130	ZAR 17.9991
		S	USD 1 =	ZAR 18.6240	ZAR 18.8489	ZAR 18.3809	ZAR 18.3683
	ZAR	B	EUR 1 =	ZAR 19.6917	ZAR 19.9564	ZAR 19.1536	ZAR 19.3885
		S	EUR 1 =	ZAR 20.3482	ZAR 20.6201	ZAR 19.8028	ZAR 20.0442
South Sudan							
Juba	South Sudanese pound = 100 piastres SSP	M	USD 1 =	SSP 945.9889	SSP 1,561.9698 r	SSP 1,569.5644	SSP 1,635.0774
		M	EUR 1 =	SSP 1,025.32653	SSP 1,689.42890 r	SSP 1,678.88575	SSP 1,726.49340
Spain							
Madrid	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.0852	USD 1.0705	USD 1.0828
Sri Lanka							
Colombo	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 322.6446	LKR 296.9774	LKR 301.0183	LKR 297.8582
		S	USD 1 =	LKR 335.1466	LKR 306.5863	LKR 310.3533	LKR 307.1744
	LKR	B	EUR 1 =	LKR 348.3617	LKR 319.7445	LKR 320.1588	LKR 320.7613
		S	EUR 1 =	LKR 365.0789	LKR 333.1566	LKR 333.5366	LKR 334.2902
Sudan ¹							
Khartoum	Sudanese pound = 100 piastres	B	USD 1 =	SDG 640.22	SDG 1,255.00	SDG 1,799.00 ¹	SDG 1,870.00
		S	USD 1 =	SDG 646.02	SDG 1,264.42	SDG 1,812.50 ¹	SDG 1,884.03
	SDG	B	EUR 1 =	SDG 678.75	SDG 1,315.62	SDG 1,872.37 ¹	SDG 1,966.45
		S	EUR 1 =	SDG 689.42	SDG 1,338.90	SDG 1,905.49 ¹	SDG 2,001.22
Suriname							
Paramaribo	Suriname dollar = 100 cents	B	USD 1 =	SRD 36.758	SRD 31.867	SRD 30.585	SRD 28.708
		S	USD 1 =	SRD 37.032	SRD 32.146	SRD 30.967	SRD 28.952
	SRD	B	EUR 1 =	SRD 39.318	SRD 34.175	SRD 32.507	SRD 30.743
		S	EUR 1 =	SRD 39.797	SRD 34.779	SRD 33.296	SRD 31.252
Sweden							
Stockholm	Swedish krona = 100 öre SEK	M	USD 1 =	SEK 10.61284	SEK 10.52433	SEK 10.61140	SEK 10.72451
		M	EUR 1 =	SEK 11.4692	SEK 11.4210	SEK 11.3595	SEK 11.6125

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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Switzerland							
Berne	Swiss franc = 100 rappen/centimes CHF	B	USD 1 =	CHF 0.8988	CHF 0.9059	CHF 0.8997	CHF 0.8812
		B	EUR 1 =	CHF 0.9716	CHF 0.9816	CHF 0.9624	CHF 0.9538
Syrian Arab Republic							
Damascus	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 7,833.33	SYP 12,500.00	SYP 13,600.00	SYP 13,600.00
		S	USD 1 =	SYP 7,911.67	SYP 12,625.00	SYP 13,736.00	SYP 13,736.00
	B	EUR 1 =	SYP 8,490.03	SYP 13,496.25	SYP 14,572.40	SYP 14,720.64	
	S	EUR 1 =	SYP 8,574.93	SYP 13,631.21	SYP 14,718.12	SYP 14,867.85	
Tajikistan							
Dushanbe	Somoni = 100 diram TJS	M	USD 1 =	TJS 10.8587	TJS 10.7614	TJS 10.6638	TJS 10.6239
		M	EUR 1 =	TJS 11.7744	TJS 11.6438	TJS 11.4092	TJS 11.5057
Tanzania, United Republic of							
Dodoma Seat of government: Dar es Salaam	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 2,379.0330	TZS 2,587.9109	TZS 2,613.8614	TZS 2,660.5644
		S	USD 1 =	TZS 2,402.8233	TZS 2,613.7900	TZS 2,640.0000	TZS 2,687.1700
	B	EUR 1 =	TZS 2,580.2965	TZS 2,801.6723	TZS 2,802.0594	TZS 2,876.3361	
	S	EUR 1 =	TZS 2,606.7667	TZS 2,830.7346	TZS 2,831.1360	TZS 2,905.3682	
Thailand							
Bangkok	Thai baht = 100 satang THB	B	USD 1 =	THB 34.5912	THB 36.5711	THB 36.6888	THB 35.6017
		S	USD 1 =	THB 34.9173	THB 36.8914	THB 37.0105	THB 35.9153
	B	EUR 1 =	THB 37.3372	THB 39.3810	THB 39.0480	THB 38.3404	
	S	EUR 1 =	THB 38.0687	THB 40.0997	THB 39.7534	THB 39.0445	
Togo ¹							
Lomé	CFA franc XOF	B	USD 1 =	XOF 601.85	XOF 602.50	XOF 609.25	XOF 602.75
		S	USD 1 =	XOF 608.85	XOF 609.50	XOF 616.25	XOF 609.75
	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 0.4234	USD 0.4226	USD 0.4222	USD 0.4183
		M	TOP 1 =	EUR 0.3891	EUR 0.3901	EUR 0.3943	EUR 0.3869
Trinidad and Tobago							
Port-of-Spain	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.7043	TTD 6.7056	TTD 6.6762	TTD 6.6903
		S	USD 1 =	TTD 6.7708	TTD 6.7606	TTD 6.7577	TTD 6.7682
	B	EUR 1 =	TTD 7.2901	TTD 7.2769	TTD 7.1469	TTD 7.2443	
	S	EUR 1 =	TTD 7.8575	TTD 7.7366	TTD 7.2341	TTD 7.3286	

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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Tunisia							
Tunis	Tunisian dinar = 1,000 millimes	B	USD 1 =	TND 3.0933	TND 3.1105	TND 3.1454	TND 3.1064
		S	USD 1 =	TND 3.0964	TND 3.1136	TND 3.1485	TND 3.1095
	TND	B	EUR 1 =	TND 3.3506	TND 3.3827	TND 3.3657	TND 3.3647
		S	EUR 1 =	TND 3.3539	TND 3.3860	TND 3.3691	TND 3.3680
Turkey							
Ankara	Turkish lira = 100 kuruş	B	USD 1 =	TRY 23.7311	TRY 32.2489	TRY 32.8417	TRY 33.0304
		S	USD 1 =	TRY 23.7738	TRY 32.3070	TRY 32.9009	TRY 33.0899
	TRY	B	EUR 1 =	TRY 26.1530	TRY 34.8654	TRY 35.1212	TRY 35.7612
		S	EUR 1 =	TRY 26.2002	TRY 34.9282	TRY 35.1845	TRY 35.8256
Turkmenistan ¹							
Ashgabat	Turkmen manat = 100 tenge	Z	USD 1 =	TMT 3.50	TMT 3.50	TMT 3.50	TMT 3.50
		M	EUR 1 =	TMT 3.7926	TMT 3.7853	TMT 3.7433	TMT 3.7905
Kampala	Uganda shilling	B	USD 1 =	UGX 3,729.77	UGX 3,810.71	UGX 3,701.63	UGX 3,716.36
		S	USD 1 =	UGX 3,739.74	UGX 3,820.71	UGX 3,711.63	UGX 3,726.36
	UGX	B	EUR 1 =	UGX 4,041.70	UGX 4,122.43	UGX 3,957.41	UGX 4,021.84
		S	EUR 1 =	UGX 4,052.49	UGX 4,133.24	UGX 3,968.10	UGX 4,032.67
Ukraine							
Kyiv	Hryvnia = 100 kopyok	M	USD 1 =	UAH 36.5670	UAH 40.5001	UAH 40.5374	UAH 41.0291
		M	EUR 1 =	UAH 39.5387	UAH 43.8171	UAH 43.3547	UAH 44.4181
UAH	UAH	B	USD 1 =	UAH 36.5670	UAH 40.5001	UAH 40.5374	UAH 41.0291
		S	USD 1 =	UAH 36.5670	UAH 40.5001	UAH 40.5374	UAH 41.0291
	UAH	B	EUR 1 =	UAH 39.5387	UAH 43.8171	UAH 43.3547	UAH 44.4181
		S	EUR 1 =	UAH 39.5387	UAH 43.8171	UAH 43.3547	UAH 44.4181
United Arab Emirates ¹							
Abu Dhabi	United Arab Emirates dirham = 100 fils	Z	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
		V	EUR 1 =	AED 3.9710	AED 3.9854	AED 3.9314	AED 3.9766
AED	AED	B	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
		S	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
United Kingdom ¹							
London	Pound sterling = 100 pence	M	GBP 1 =	USD 1.2434	USD 1.2731	USD 1.2642	USD 1.2844
		M	EUR 1 =	GBP 0.8679	GBP 0.8527	GBP 0.8478	GBP 0.8426
GBP	GBP	B	USD 1 =	USD 1.2434	USD 1.2731	USD 1.2642	USD 1.2844
		S	USD 1 =	USD 1.2434	USD 1.2731	USD 1.2642	USD 1.2844
United States							
Washington	US dollar = 100 cents	M	EUR 1 =	USD 1.0816	USD 1.0841	USD 1.0713	USD 1.0825
		M	GBP 1 =	USD 1.2438	USD 1.2739	USD 1.2642	USD 1.2856
USD	USD	B	EUR 1 =	USD 1.0816	USD 1.0841	USD 1.0713	USD 1.0825
		S	EUR 1 =	USD 1.0816	USD 1.0841	USD 1.0713	USD 1.0825

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 2023	Rate at end of month		
					May 2024	June 2024	July 2024
Uruguay							
Montevideo	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 38.820	UYU 38.792	UYU 39.989	UYU 40.274
		M	EUR 1 =	UYU 41.9776	UYU 42.0660	UYU 42.8282	UYU 43.6047
Uzbekistan							
Tashkent	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 11,757.77	UZS 12,619.83	UZS 12,555.16	UZS 12,541.04
		M	EUR 1 =	UZS 12,743.17	UZS 13,645.82	UZS 13,430.25	UZS 13,584.45
Vanuatu							
Port Vila	Vatu VUV	B	USD 1 =	VUV 116.52	VUV 116.68	VUV 116.77	VUV 117.93
		S	USD 1 =	VUV 123.93	VUV 124.10	VUV 124.20	VUV 125.43
		B	EUR 1 =	VUV 127.43	VUV 127.38	VUV 125.94	VUV 128.52
		S	EUR 1 =	VUV 132.58	VUV 132.52	VUV 131.03	VUV 133.71
Venezuela, Bolivarian Republic of ¹							
Caracas	Bolívar = 100 céntimos VES	B	USD 1 =	VES 29.372959	VES 36.443064	VES 36.355085	VES 36.545208
		S	USD 1 =	VES 29.446575	VES 36.534400	VES 36.446200	VES 36.636800
		B	EUR 1 =	VES 31.814808	VES 39.534165	VES 38.942839	VES 39.558726
		S	EUR 1 =	VES 31.894545	VES 39.633248	VES 39.040441	VES 39.657871
Viet Nam							
Hanoi	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 23,691	VND 25,254	VND 25,253	VND 25,115
		S	USD 1 =	VND 24,031	VND 25,474	VND 25,473	VND 25,455
		B	EUR 1 =	VND 25,458.88	VND 27,116.91	VND 26,629.75	VND 26,921.70
		S	EUR 1 =	VND 26,607.00	VND 28,317.66	VND 27,808.90	VND 28,114.07
Yemen ¹							
Sana'a	Yemeni rial = 100 fils YER	B	USD 1 =	.	.	.	.
		S	USD 1 =	.	.	.	.
		B	EUR 1 =	.	.	.	.
		S	EUR 1 =	.	.	.	.
Zambia							
Lusaka	Kwacha = 100 ngwee ZMW	B	USD 1 =	ZMW 20.5262	ZMW 26.1718	ZMW 24.6933	ZMW 26.1438
		S	USD 1 =	ZMW 20.5739	ZMW 26.2218	ZMW 24.7183	ZMW 26.1938
		B	EUR 1 =	ZMW 22.2386	ZMW 28.4592	ZMW 26.4268	ZMW 28.3372
		S	EUR 1 =	ZMW 22.2959	ZMW 28.5214	ZMW 26.4634	ZMW 28.3941
Zimbabwe ¹							
Harare	Zimbabwe dollar / Zimbabwe gold = 100 cents ZWL / ZWG ¹	M	USD 1 =	ZWL 3,680.5195	ZWG 13.3177	ZWG 13.7031	ZWG 13.7859
		M	EUR 1 =	ZWL 3,991.7540	ZWG 14.4098	ZWG 14.6499	ZWG 14.9184

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

IV. Overview of world currencies*

2. Exchange rates of the US dollar against major currencies

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



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

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

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

Period	US dollar USD	Euro EUR	Chinese yuan (renminbi) CNY	Japanese yen JPY	Pound sterling GBP	Canadian dollar CAD	Swiss franc CHF	Danish krone DKK	Norwegian krone NOK	Swedish krona SEK
2009	1.56769	1.08822	10.70450	143.797	0.968007	1.64075	1.61551	8.10688	9.05608	11.3070
2010	1.54003	1.15966	10.19950	125.436	0.997755	1.54142	1.44702	8.64469	9.06742	10.4761
2011	1.53527	1.18654	9.67352	119.321	0.992989	1.56254	1.44453	8.82099	9.20039	10.6293
2012	1.53692	1.16583	9.66660	133.020	0.953662	1.52954	1.40874	8.69762	8.55432	10.0140
2013	1.54000	1.11732	9.39770	162.162	0.935148	1.63856	1.37291	8.33556	9.41398	10.0229
2014	1.44881	1.19332	8.86525	174.733	0.928247	1.68076	1.43301	8.86611	10.76930	11.3176
2015	1.38573	1.27283	8.99548	167.116	0.935104	1.91785	1.37478	9.47221	12.20690	11.5742
2016	1.34433	1.27534	9.34283	157.018	1.092780	1.80503	1.36826	9.48128	11.58810	12.2295
2017	1.42413	1.18747	9.27343	160.785	1.054020	1.78837	1.38967	8.84056	11.68500	11.7238
2018	1.39079	1.21424	9.53107	154.141	1.095500	1.89153	1.36451	9.06709	12.11060	12.4768
2019	1.38283	1.23588	9.66184	150.894	1.053860	1.80583	1.34362	9.23156	12.16850	12.8879
2020	1.44027	1.18385	9.41203	149.255	1.073230	1.85161	1.28162	8.80553	12.57700	11.9614
2021	1.39959	1.23748	8.91599	159.848	1.041830	1.28791	1.28791	9.20217	12.38880	12.7593
2022	1.33084	1.25291	9.29731	176.537	1.102790	1.81035	1.23808	9.31203	13.08650	13.9407
2023	1.34167	1.21753	9.58727	190.454	1.053810	1.77933	1.14526	9.07779	13.72210	13.4605
2022 Aug.	1.30134	1.30134	8.97070	180.379	1.120300	1.70619	1.27545	9.67820	12.93380	13.8835
2022 Sep.	1.27988	1.31297	9.08174	185.250	1.156590	1.74885	1.25364	9.76381	13.89620	14.2357
2022 Oct.	1.28329	1.29443	9.35891	190.236	1.112280	1.75157	1.28310	9.63623	13.33620	14.1058
2022 Nov.	1.31484	1.26719	9.39038	182.500	1.094700	1.77609	1.24864	9.42356	13.00750	13.8837
2022 Dec.	1.33084	1.25291	9.29731	176.537	1.102790	1.81035	1.23808	9.31203	13.08650	13.9407
2023 Jan.	1.34847	1.24478	9.10606	175.854	1.094180	1.80021	1.24976	9.25969	13.57840	14.0447
2023 Feb.	1.32879	1.25133	9.22824	181.100	1.098620	1.80834	1.24633	9.31532	13.72870	13.8066
2023 Mar.	1.34523	1.23699	9.23975	179.561	1.087010	1.82050	1.23405	9.21379	14.09430	13.9284
2023 Apr.	1.34701	1.22667	9.32557	180.566	1.080760	1.82897	1.20638	9.14336	14.46360	13.8587
2023 May	1.32746	1.24260	9.43663	185.579	1.073650	1.80575	1.20872	9.25480	14.91670	14.3816
2023 June	1.33007	1.22407	9.65670	192.701	1.051690	1.76102	1.19833	9.05633	14.32650	14.4325
2023 July	1.34294	1.21830	9.59840	189.247	1.043830	1.76959	1.16809	9.07985	13.62130	14.1310
2023 Aug.	1.32994	1.22372	9.69518	194.265	1.048850	1.79954	1.17194	9.11951	14.17060	14.4522
2023 Sep.	1.31498	1.24125	9.57753	196.510	1.071920	1.77785	1.19808	9.25609	13.96830	14.2561
2023 Oct.	1.31414	1.23753	9.61714	196.398	1.079150	1.82284	1.18601	9.23788	14.69390	14.6142
2023 Nov.	1.33329	1.21973	9.50805	195.966	1.054770	1.81087	1.16729	9.09289	14.29520	13.9424
2023 Dec.	1.34167	1.21753	9.58727	190.454	1.053810	1.77933	1.14526	9.07779	13.72210	13.4605
2024 Jan.	1.32988	1.22717	9.54946	196.158	1.048310	1.78165	1.14776	9.14854	13.92960	13.8280
2024 Feb.	1.32756	1.22627	9.55064	199.931	1.049420	1.80151	1.16839	9.14068	14.09240	13.7526
2024 Mar.	1.32405	1.22415	9.56562	200.262	1.049300	1.79325	1.19856	9.13676	14.31170	14.1083
2024 Apr.	1.31793	1.22964	9.54444	206.678	1.050940	1.81163	1.20103	9.17111	14.52820	14.4520
2024 May	1.32354	1.21963	9.58589	207.333	1.040350	1.80491	1.19913	9.09695	13.88300	13.9294
2024 June	1.31534	1.22872	9.55767	211.705	1.039260	1.80031	1.18223	9.16322	14.00320	13.9576
2024 July	1.32842	1.22684	9.59463	202.451	1.034480	1.83442	1.17007	9.15483	14.49810	14.2467
2024 June 24	1.31690	1.22730	9.56306	210.453	1.039870	1.79928	1.17625	9.15483	13.92870	13.8139
2024 June 25	1.31682	1.22907	9.56380	210.033	1.037890	1.79865	1.17645	9.16809	13.92100	13.7969
2024 June 26	1.31437	1.22965	9.55101	209.932	1.038500	1.80016	1.18017	9.17212	14.01120	13.8997
2024 June 27	1.31501	1.22944	9.55868	211.283	1.039410	1.80025	1.17957	9.16960	14.01320	13.9394
2024 June 28	1.31534	1.22872	9.55767	211.705	1.039260	1.80031	1.18223	9.16322	14.00320	13.9576
2024 July 1	1.31652	1.22524	9.56865	212.184	1.038800	.	1.18645	9.13860	14.00630	13.9279
2024 July 2	1.31461	1.22529	9.55904	212.494	1.039840	1.80063	1.18828	9.13943	14.06570	13.9891
2024 July 3	1.31657	1.22381	9.57607	212.666	1.036470	1.79541	1.18900	9.12809	14.02280	13.9159
2024 July 8	1.32097	1.21917	9.60320	212.307	1.030680	1.80102	1.18386	9.09331	13.96860	13.8748
2024 July 9	1.32060	1.22120	9.60301	212.617	1.030600	1.80104	1.18590	9.10954	14.03040	13.9485
2024 July 10	1.32027	1.21965	9.60615	213.211	1.030780	1.79821	1.18573	9.09893	14.15650	13.9131
2024 July 11	1.32210	1.21796	9.61261	213.651	1.026670	1.80123	1.18764	9.08678	14.21670	13.9079
2024 July 12	1.32575	1.21740	9.62519	209.734	1.022840	1.80674	1.18788	9.08298	14.24670	13.9959
2024 July 15	1.32726	1.21689	9.64078	.	1.022660	1.81357	1.18644	9.07968	14.29360	14.0399
2024 July 16	1.32620	1.21648	9.63614	210.044	1.022790	1.81504	1.18814	9.07622	14.33190	14.0558
2024 July 17	1.32913	1.21559	9.65773	210.680	1.019780	1.81891	.	9.06766	14.29240	13.9896
2024 July 18	1.32907	1.21598	9.64664	207.003	1.023030	1.82030	1.17443	9.07161	14.28540	14.0249
2024 July 19	1.32584	1.21749	9.63558	208.661	1.026080	1.81999	1.17934	9.08364	14.39730	14.1350
2024 July 22	1.32633	1.21816	9.64729	208.831	1.024940	1.82436	1.17712	9.08942	14.51610	14.1665
2024 July 23	1.32551	1.22055	9.64236	207.735	1.027330	1.82497	1.18117	9.10656	14.60200	14.2481
2024 July 24	1.32567	1.22205	9.64469	206.606	1.027060	1.82863	1.17574	9.11868	14.59370	14.2827
2024 July 25	1.32870	1.22450	9.60191	203.624	1.031960	1.83614	1.16727	9.13776	14.79500	14.4172
2024 July 26	1.32646	1.22142	9.61659	204.262	1.030380	1.83450	1.17206	9.11494	14.58010	14.3303
2024 July 29	1.32583	1.22569	9.62121	203.887	1.032100	1.83655	1.17263	9.14679	14.60470	14.3731
2024 July 30	1.32536	1.22446	9.61400	204.158	1.030930	1.83576	1.17374	9.13676	14.55710	14.3091
2024 July 31	1.32842	1.22684	9.59463	202.451	1.034480	1.83442	1.17007	9.15483	14.49810	14.2467
2024 Aug. 1	1.32569	1.22875	9.60144	198.257	1.038090	1.83556	.	9.16809	14.43350	14.1576
2024 Aug. 2	1.32871	1.22631	9.58662	198.536	1.043150	1.84133	1.15651	9.15081	14.62870	14.2060
2024 Aug. 5	1.33956	1.22156	9.57011	195.107	1.049980	.	1.13742	9.11369	14.79140	14.0894
2024 Aug. 6	1.33505	1.22313	9.54035	193.609	1.052170	1.84156	1.14066	9.12800	14.67820	14.1382
2024 Aug. 7	1.33342	1.22085	9.57983	193.012	1.048610	1.83198	1.15047	9.11087	14.38290	13.9464
2024 Aug. 8	1.33453	1.22098	9.55667	194.908	1.051430	1.83404	1.14489	9.11079	14.50830	14.0357
2024 Aug. 9	1.33403	1.22198	9.57066	196.823	1.046750	1.83189	1.15354	9.11868	14.45540	14.0472
2024 Aug. 12	1.33411	1.22115	9.57598	196.531	1.045460	1.83280	1.15841	9.11319	14.37850	14.0353
2024 Aug. 13	1.33440	1.22075	9.57057	196.531	1.043770	1.83120	1.15693	9.10929	14.40110	14.0460
2024 Aug. 14	1.33962	1.21573	9.57359	196.990	1.043070	.	1.15569	.	14.30490	.

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 2022

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	Andorra Kosovo Montenegro San Marino		Kiribati Nauru Tuvalu			
Currency board	Djibouti Hong Kong ECCU ⁴ Antigua & Barbuda Dominica Grenada Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines	Bosnia and Herzegovina Bulgaria ²		Brunei Darussalam Macao ³			
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 ² Sao Tome and Principe WAEMU ⁶ Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo CAEMC ⁷ Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon	Fiji Libya	Bhutan Eswatini Lesotho Namibia Nepal	Samoa ⁵		
Stabilised arrangement	Cambodia Guyana Iran, Islamic Republic of Lebanon Maldives Trinidad and Tobago	Croatia ² North Macedonia	Singapore		Bolivia, Plurinational State of ⁸ Nigeria ⁸ Papua New Guinea ⁸ Tajikistan ^{8,10} Tanzania, United Republic of ⁸	Guatemala ⁸ Serbia ⁹	Azerbaijan ⁸ Egypt ^{8,10} Kyrgyzstan ⁸ Malawi ⁸ Mongolia ¹⁰ Mozambique ^{8,10,11} Sudan ^{8,11}
Crawling peg	Honduras Nicaragua		Botswana				
Pegged exchange rate within horizontal bands			Morocco				

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2022, 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 member participates in ERM II. ³ Macao was added to

the report this year. ⁴ The members participate in the Eastern Caribbean Currency Union. ⁵ The country maintains a de facto exchange rate anchor to a composite. ⁶ The members participate in the West African Economic and Monetary Union. ⁷ The members participate in the Central African Economic and Monetary Community. ⁸ The

VI. Global exchange rate arrangements and monetary policy framework *

As of end-April 2022

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			Viet Nam ⁸		Afghanistan ⁸ Algeria ^{8,12} Bangladesh ⁸ Burundi ⁸ China ⁵ Congo, Democratic Republic of the ⁸ Ethiopia ⁸ Gambia ⁸ Guinea ⁸ Rwanda ⁸	Dominican Republic ⁸ Ghana ⁸ Kenya ^{8,11} Romania ⁹ Sri Lanka ^{8,13} Uzbekistan ⁸	Argentina ⁸ Lao People's Democratic Republic ⁸ Mauritania ⁸ Mauritius ^{8,10,11} Solomon Islands ⁵ Switzerland ⁹ Tunisia ^{9,10}
Other managed arrangement			Kuwait Syrian Arab Republic		Liberia ¹¹ Myanmar Sierra Leone Zimbabwe ^{11,12}		Haiti South Sudan Tonga Vanuatu Venezuela, Bolivarian Republic of
Floating					Angola Belarus Madagascar Suriname Yemen	Albania Armenia Brazil ¹³ Colombia Costa Rica Czechia Georgia Hungary Iceland India ¹³ Indonesia ¹³ Israel Jamaica Kazakhstan Korea, Republic of Moldova, Republic of New Zealand Paraguay Peru Philippines Seychelles South Africa Thailand ¹³ Turkey Uganda Ukraine Uruguay	Malaysia Pakistan ¹⁰ Zambia
Free floating						Australia Canada Chile Japan Mexico Norway Poland ¹³ Russian Federation Sweden ¹³ United Kingdom	Somalia ¹⁴ United States Euro area Austria Belgium Cyprus Estonia Finland France Germany Greece Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain

country maintains a de facto exchange rate anchor to the US dollar. ⁹ The country maintains a de facto exchange rate anchor to the euro. ¹⁰ The central bank is in transition towards inflation targeting. ¹¹ The exchange rate arrangement was reclassified twice during this reporting period. ¹² The exchange rate arrangement or monetary

policy framework was reclassified retroactively, overriding a previously published classification. ¹³ The monetary policy framework is referred to as "flexible inflation-targeting". ¹⁴ 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			
AOA	Kwanza	Angola	DKK	Danish krone	Denmark Faroe Islands Greenland	HKD	Hong Kong dollar	Hong Kong
ARS	Argentine peso	Argentina	DOP	Dominican peso	Dominican Republic	HNL	Lempira	Honduras
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 Croatia 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				JMD	Jamaican dollar	Jamaica
BHD	Bahraini dinar	Bahrain				JOD	Jordanian dinar	Jordan
BIF	Burundi franc	Burundi				JPY	Japanese yen	Japan
BMD	Bermudian dollar	Bermuda						
BND	Brunei dollar	Brunei Darussalam				KES	Kenya shilling	Kenya
BOB	Boliviano	Bolivia, Plurinational State of				KGS	Kyrgyz som	Kyrgyzstan
BRL	Brazilian real	Brazil				KHR	Riel	Cambodia
BSD	Bahamian dollar	Bahamas				KMF	Comorian franc	Comoros
BTN	Ngultrum	Bhutan				KPW	North Korean won	Korea, Democratic People's Republic of
BWP	Pula	Botswana				KRW	South Korean won	Korea, Republic of
BYN	Belarusian rouble	Belarus				KWD	Kuwaiti dinar	Kuwait
BZD	Belize dollar	Belize				KYD	Cayman Islands dollar	Cayman Islands
			FJD	Fiji dollar	Fiji	KZT	Tenge	Kazakhstan
CAD	Canadian dollar	Canada	FKP	Falkland Islands pound	Falkland Islands (Islas Malvinas)	LAK	Kip	Lao People's Democratic Republic
CDF	Congo franc	Congo, Democratic Republic of the				LBP	Lebanese pound	Lebanon
CHF	Swiss franc	Switzerland Liechtenstein	GBP	Pound sterling	United Kingdom Guernsey Isle of Man Jersey	LKR	Sri Lanka rupee	Sri Lanka
CLP	Chilean peso	Chile	GEL	Lari	Georgia	LRD	Liberian dollar	Liberia
CNY	Chinese renminbi	China	GHS	Ghana cedi	Ghana	LSL	Loti	Lesotho
COP	Colombian peso	Colombia	GIP	Gibraltar pound	Gibraltar	LYD	Libyan dinar	Libya
CRC	Costa Rican colón	Costa Rica						

* 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, Lithuania on 1 January 2015 and Croatia on 1 January 2023 (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 14:10 CET. Only one reference rate, i. e. the middle rate, is established by this procedure. 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/Frameworkfortheeuroforeignexchangerates.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 Classifica-

tion (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 extended or the broad EER group 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 in conjunction with ECB Statistical Paper Series No 49 of June 2024 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 27 selected industrialised countries comprises the respective composition of euro area countries

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

Figures in %

As of September 2023

Trading partner	Calculation period for weights ¹											
	Extended EER group of trading partners						Broad EER group of trading partners					
	1995 to 1997	1998 to 2000	2010 to 2012	2013 to 2015	2016 to 2018	2019 to 2021	1995 to 1997	1998 to 2000	2010 to 2012	2013 to 2015	2016 to 2018	2019 to 2021
	Period of use of weights ¹											
	Up to end of 1997	1998 to 2000 ²	2010 to 2012	2013 to 2015	2016 to 2018	From 2019	Up to end of 1997	1998 to 2000 ²	2010 to 2012	2013 to 2015	2016 to 2018	From 2019
Broad EER group							100	100	100	100	100	100
Extended EER group	100	100	100	100	100	100						
Australia	1.01	0.91	1.15	1.05	1.00	0.93	0.82	0.75	0.90	0.83	0.80	0.75
Bulgaria	0.27	0.31	0.59	0.63	0.66	0.67	0.22	0.26	0.46	0.49	0.53	0.54
Canada	1.86	1.94	1.85	1.81	1.73	1.70	1.52	1.60	1.45	1.42	1.37	1.37
China	4.16	4.88	16.78	17.52	17.38	19.64	3.39	4.02	13.12	13.79	13.83	15.79
Czechia	2.39	2.50	4.30	4.19	4.48	4.42	1.95	2.06	3.36	3.30	3.56	3.55
Denmark	3.17	2.84	2.49	2.39	2.31	2.33	2.59	2.34	1.94	1.88	1.84	1.87
Hong Kong	3.72	3.81	2.96	2.80	2.59	2.40	3.03	3.14	2.32	2.21	2.06	1.93
Hungary	1.64	2.16	2.59	2.66	2.77	2.79	1.33	1.78	2.02	2.09	2.21	2.24
Japan	10.07	9.09	5.87	4.79	4.77	4.55	8.21	7.49	4.59	3.77	3.80	3.66
Korea, Republic of	2.89	2.63	3.26	3.10	3.00	2.99	2.36	2.17	2.54	2.44	2.39	2.40
Norway	1.70	1.59	1.57	1.44	1.23	1.17	1.38	1.31	1.23	1.13	0.98	0.94
Poland	2.60	2.94	5.65	5.86	6.33	6.93	2.12	2.42	4.42	4.61	5.03	5.57
Romania	0.72	0.79	1.87	2.08	2.28	2.27	0.58	0.65	1.46	1.64	1.81	1.83
Singapore	2.42	2.16	2.30	2.13	2.92	3.30	1.97	1.78	1.80	1.68	2.32	2.65
Sweden	5.15	4.87	4.28	4.06	3.82	3.68	4.20	4.01	3.35	3.20	3.04	2.96
Switzerland	9.78	8.54	8.43	8.30	7.85	7.38	7.97	7.04	6.59	6.54	6.25	5.94
United Kingdom	22.99	22.29	15.42	15.63	14.95	12.98	18.74	18.37	12.05	12.31	11.90	10.43
United States	23.46	25.75	18.64	19.56	19.93	19.87	19.12	21.21	14.57	15.40	15.86	15.98
Additional countries in the broad EER group												
Algeria							0.37	0.32	0.39	0.39	0.30	0.22
Argentina							0.54	0.50	0.43	0.35	0.32	0.26
Brazil							1.29	1.25	1.57	1.34	1.11	0.98
Chile							0.33	0.30	0.39	0.32	0.28	0.26
China (Taiwan)							1.83	1.89	1.28	1.17	1.21	1.29
Colombia							0.21	0.18	0.21	0.21	0.18	0.16
Iceland							0.07	0.08	0.09	0.09	0.11	0.09
India							1.14	1.17	2.63	2.64	2.68	2.90
Indonesia							0.82	0.59	0.62	0.60	0.59	0.53
Israel							1.05	1.04	0.78	0.83	0.87	0.98
Malaysia							1.15	1.01	0.95	0.91	0.85	0.89
Mexico							0.76	1.08	1.11	1.19	1.30	1.26
Morocco							0.54	0.60	0.63	0.65	0.71	0.66
New Zealand							0.17	0.13	0.14	0.15	0.15	0.14
Peru							0.14	0.10	0.16	0.16	0.16	0.15
Philippines							0.36	0.45	0.32	0.39	0.40	0.37
Russian Federation							2.32	1.77	3.34	3.08	2.53	2.30
Saudi Arabia							0.47	0.43	0.69	0.81	0.75	0.66
South Africa							0.90	0.86	0.86	0.76	0.71	0.65
Thailand							1.14	0.89	0.99	0.99	1.02	0.88
Turkey							2.01	2.10	2.66	2.73	2.60	2.48
Ukraine							0.42	0.36	0.59	0.43	0.38	0.44
United Arab Emirates							0.47	0.50	1.00	1.08	1.21	1.05

^o Weights based on trade in goods and services. Figures have been rounded. In addition, the ECB publishes weighting schemes and indicators for the narrow EER group of trading partners with 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.

(see Table I. 1., p. 7) as well as Canada, Denmark, Japan, Norway, Sweden, Switzerland, the United Kingdom and the United States.

The group of 37 countries comprises the euro area countries and the countries of the extended EER group of trading partners; the group of 60 countries consists of the euro area countries as well as the countries of the broad EER 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, 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

The value of a SDR (ISO code: XDR) is currently defined as the sum of the values of fixed amounts of five currencies.

The composition of the currency basket as well as the weights and amounts of the currency units in the basket are generally reviewed every five years. As a result of the latest review, conducted in 2022, since 1 August 2022, the SDR basket has contained the fixed currency amounts shown in column (a). These were fixed on 29 July 2022 on the basis of the average exchange rates in the London spot

exchange market over the preceding three-month period (2 May to 29 July, 2022) and the initial new percentage weights (column b) such that, on 29 July 2022, 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/2022/07/29/Review-of-the-Method-of-Valuation-of-the-SDR-Amendment-to-Rule-O-1-521564>).

	(a)	(b)
US dollar	0.57813	43.38
Euro	0.37379	29.31
Chinese yuan (renminbi)	1.0993	12.28
Japanese yen	13.452	7.59
Pound sterling	0.080870	7.44

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 foreign exchange reference 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 2022 (see Table VI., pp. 44-45) is based on the IMF's "Annual Report on Exchange Arrangements and Exchange Restrictions 2022", 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 Argentine Tax Authority (Administración Federal de Ingresos Públicos = AFIP) has been levying additional taxes on the aforementioned transactions since 16 September 2020, which have been raised in several stages – the last time in November 2023 – to a total of no more than 125%. With effect from 13 December 2023, the Argentine peso was devalued and the additional taxes of the AFIP were combined to a uniform tax rate of 30%.

In addition, since 4 November 2022, there has been a separate settlement exchange rate for non-residents making payments on selected foreign credit, debit and prepaid cards for tourism purposes; this rate stood at 1,335 Argentine pesos to the US dollar at the beginning of August 2024.

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 (Union Économique et Monétaire Ouest Africaine = UEMOA). The responsible

monetary authority is the Banque Centrale des Etats de l'Afrique de l'Ouest, whose CFA franc (Franc de la Communauté Financière Africaine = F.CFA) is legal tender only in the aforementioned countries.

Bhutan

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

Bolivia, Plurinational State of

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

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 (Communauté Économique et Monétaire de l'Afrique Centrale = CEMAC). The responsible monetary authority is the Banque des Etats de l'Afrique Centrale, whose CFA franc (Franc de la Coopération Financière en Afrique Centrale = F.CFA) 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

We have the following information on file about how exchange rates have been applied since 4 August 2022:

Rate for transactions by general government
For all government sector transactions.

Rate for non-government transactions
For all transactions by households and enterprises as well as by the government foreign exchange bureaus (Casas de Cambio = CADECA).

In addition, it is understood that there is a black market where, according to press reports, the exchange rate to the US dollar stood at 330 Cuban pesos at the beginning of August 2024.

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).

Ethiopia

At the end of July and the beginning of August 2024, the birr depreciated more strongly. Calculated using the exchange rates from the end of June and the beginning of August 2024, the birr depreciated by 41.3% against the US dollar and by 42.4% against the euro (each calculated on the basis of the middle rates).

Gabon

See Explanatory notes on Cameroon.

Guinea-Bissau

See Explanatory notes on Benin.

India

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

Iran, Islamic Republic of

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

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

NIMA rate (see <https://www.sanarate.ir/Default.aspx>)
For other, non-specified goods imports and services. Access to the electronic platform NIMA is possible only for certain importers as well as exchange bureaus.

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

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

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.

Lesotho

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

Liberia

The US dollar is likewise legal tender alongside the Liberian dollar.

Macao

The Hong Kong dollar, to which the pataca is pegged at a rate of HKD 100 = MOP 103, is in circulation as a common currency alongside the pataca.

Mali

See Explanatory notes on Benin.

Namibia

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

New Caledonia

CFP was originally the abbreviation for "Colonies Françaises du Pacifique" and is still used as a currency symbol (in connection with the franc).

Niger

See Explanatory notes on Benin.

Nigeria

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

Panama

The US dollar is legal tender alongside the balboa, which is in circulation exclusively in coin form.

Senegal

See Explanatory notes on Benin.

Singapore

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

Somalia

We have no exchange rates for the Somali shilling.

Sudan

In June, the Sudanese pound depreciated more strongly. Calculated using the exchange rates from the end of May and the end of June 2024, the Sudanese pound depreciated by 30.2% against the US dollar and by 29.7% against the euro.

Togo

See Explanatory notes on Benin.

Turkmenistan

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

United Arab Emirates

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

United Kingdom

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

Venezuela, Bolivarian Republic of

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

Yemen

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

Zimbabwe

According to the press release of the Reserve Bank of Zimbabwe, Zimbabwe gold (ISO currency code: ZWG) was introduced as new legal tender with effect from 8 April 2024. The conversion from old to new currency took place at a rate of ZWL 2,498.7242 = ZWG 1. The Zimbabwe dollar (ZWL) also remains legal tender at this rate until 31 August 2024.

