



Exchange rate statistics

November 2025

Statistical Series

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

Finalized on 14 November 2025.

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

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Abbreviations and symbols

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	Data unknown, not to be published or not meaningful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

Discrepancies in the totals are due to rounding.

I. Euro area and exchange rate stability convergence criterion

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

From	Country	Currency	ISO currency code	EUR 1 = CU ...	Council Regulation (EU) No 1	
1999 January 1	Austria	Austrian schilling	ATS	13.7603	2866/98	
	Belgium	Belgian franc	BEF	40.3399	2866/98	
	Finland	Finnish markka	FIM	5.94573	2866/98	
	France	French franc	FRF	6.55957	2866/98	
	Germany	Deutsche Mark	DEM	1.95583	2866/98	
	Ireland	Irish pound	IEP	0.787564	2866/98	
	Italy	Italian lira	ITL	1,936.27	2866/98	
	Luxembourg	Luxembourg franc	LUF	40.3399	2866/98	
	Netherlands	Dutch guilder	NLG	2.20371	2866/98	
	Portugal	Portuguese escudo	PTE	200.482	2866/98	
	Spain	Spanish peseta	ESP	166.386	2866/98	
	2001 January 1	Greece	Greek drachma	GRD	340.750	1478/2000
	2007 January 1	Slovenia	Slovenian tolar	SIT	239.640	1086/2006
	2008 January 1	Cyprus	Cyprus pound	CYP	0.585274	1135/2007
Malta		Maltese lira	MTL	0.429300	1134/2007	
2009 January 1	Slovakia	Slovak koruna	SKK	30.1260	694/2008	
2011 January 1	Estonia	Estonian kroon	EEK	15.6466	671/2010	
2014 January 1	Latvia	Latvian lats	LVL	0.702804	870/2013	
2015 January 1	Lithuania	Lithuanian litas	LTL	3.45280	851/2014	
2023 January 1	Croatia	Croatian kuna	HRK	7.53450	1208/2022	
2026 January 1	Bulgaria	Bulgarian lev	BGN	1.95583	1409/2025	

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	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	8 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	9 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 Until 31 December 2025; accession to the euro area on 1 January 2026. 3 Until 31 December 2000; accession to the euro area on 1 January 2001. 4 Until 31 Decem-

ber 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 ...

Period		EU member countries						
		Bulgaria	Czechia	Denmark	Hungary	Poland	Romania	Sweden
		Bulgarian lev BGN	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	Swedish krona SEK
2024	Oct.	1.9558	25.327	7.4601	408.28	4.3508	4.9749	11.6308
	Nov.	1.9558	25.256	7.4579	411.75	4.2960	4.9774	11.5180
	Dec.	1.9558	25.185	7.4578	411.35	4.2750	4.9743	11.4590
2025	Jan.	1.9558	25.166	7.4618	407.95	4.2130	4.9767	11.4740
	Feb.	1.9558	25.029	7.4583	399.50	4.1503	4.9768	11.1880
	Mar.	1.9558	24.962	7.4613	402.35	4.1840	4.9771	10.8490
	Apr.	1.9558	24.920	7.4636	404.08	4.2753	4.9782	10.9715
	May	1.9558	24.918	7.4587	403.60	4.2498	5.0612	10.8735
	June	1.9558	24.746	7.4609	399.80	4.2423	5.0785	11.1465
	July	1.9558	24.571	7.4626	400.00	4.2728	5.0757	11.1575
	Aug.	1.9558	24.458	7.4642	396.90	4.2665	5.0728	11.0550
	Sep.	1.9558	24.335	7.4649	390.26	4.2698	5.0806	11.0565
	Oct.	1.9558	24.327	7.4677	388.10	4.2560	5.0858	10.9250
2025	Oct. 20	1.9558	24.290	7.4684	389.55	4.2468	5.0885	10.9900
	21	1.9558	24.314	7.4691	389.63	4.2393	5.0838	10.9345
	22	1.9558	24.308	7.4694	389.39	4.2312	5.0831	10.9160
	23	1.9558	24.308	7.4694	389.99	4.2327	5.0823	10.9193
	24	1.9558	24.336	7.4698	389.55	4.2408	5.0834	10.9040
	27	1.9558	24.323	7.4694	389.18	4.2350	5.0840	10.9120
	28	1.9558	24.348	7.4693	388.30	4.2375	5.0835	10.9210
	29	1.9558	24.338	7.4684	388.23	4.2418	5.0841	10.8960
	30	1.9558	24.378	7.4679	388.95	4.2450	5.0855	10.9400
	31	1.9558	24.327	7.4677	388.10	4.2560	5.0858	10.9250
	Nov. 3	1.9558	24.339	7.4676	387.35	4.2540	5.0856	10.9350
	4	1.9558	24.371	7.4658	388.36	4.2570	5.0861	10.9865
	5	1.9558	24.365	7.4656	387.03	4.2583	5.0853	11.0175
	6	1.9558	24.334	7.4673	386.30	4.2528	5.0850	10.9900
	7	1.9558	24.333	7.4667	385.44	4.2480	5.0855	11.0460
	10	1.9558	24.282	7.4672	383.58	4.2340	5.0852	10.9870
	11	1.9558	24.288	7.4679	385.66	4.2300	5.0840	10.9730
	12	1.9558	24.229	7.4671	385.05	4.2280	5.0837	10.9395
	13	1.9558	24.191	7.4677	384.00	4.2280	5.0837	10.9405
	14	1.9558	24.198	7.4679	384.90	4.2328	5.0851	10.9835

Period		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
2024	Oct.	1.6559	6.2635	1.5134	7.7436	8.4598	148.90	91.4930
	Nov.	1.6245	6.4361	1.4796	7.6484	8.2211	145.70	89.3245
	Dec.	1.6772	6.4253	1.4948	7.5833	8.0686	143.90	88.9335
2025	Jan.	1.6702	6.0677	1.5035	7.5363	8.0990	146.70	89.9945
	Feb.	1.6741	6.0712	1.5019	7.5782	8.0980	145.70	90.9710
	Mar.	1.7318	6.2507	1.5533	7.8442	8.4130	142.70	92.3955
	Apr.	1.7798	6.3839	1.5728	8.2635	8.8214	145.90	96.1360
	May	1.7647	6.4405	1.5656	8.1576	8.8926	144.20	97.0248
	June	1.7948	6.4384	1.6027	8.3970	9.2001	142.20	100.5605
	July	1.7762	6.3899	1.5838	8.2350	8.9851	142.20	100.2950
	Aug.	1.7865	6.3253	1.6031	8.3155	9.0877	143.00	102.8035
	Sep.	1.7760	6.2432	1.6346	8.3591	9.1359	142.40	104.2548
	Oct.	1.7672	6.2171	1.6207	8.2220	8.9787	144.80	102.5070
2025	Oct. 20	1.7965	6.3012	1.6368	8.3024	9.0556	141.60	102.4515
	21	1.7885	6.2526	1.6301	8.2626	9.0204	141.60	102.1073
	22	1.7864	6.2411	1.6254	8.2576	9.0044	141.80	102.4452
	23	1.7825	6.2434	1.6221	8.2593	9.0092	142.20	101.8109
	24	1.7862	6.2570	1.6286	8.2706	9.0222	142.40	101.9580
	27	1.7747	6.2477	1.6276	8.2731	9.0414	143.00	102.7170
	28	1.7745	6.2534	1.6284	8.2589	9.0365	143.00	102.7108
	29	1.7631	6.2220	1.6207	8.2609	9.0422	143.30	102.6660
	30	1.7672	6.2288	1.6179	8.2170	8.9724	144.00	102.4688
	31	1.7672	6.2171	1.6207	8.2220	8.9787	144.80	102.5070
	Nov. 3	1.7597	6.1704	1.6170	8.1987	8.9501	145.80	102.2145
	4	1.7691	6.1873	1.6178	8.1877	8.9328	145.60	101.9355
	5	1.7724	6.2067	1.6238	8.1905	8.9361	147.00	101.8670
	6	1.7697	6.1567	1.6252	8.2109	8.9670	146.20	102.1525
	7	1.7838	6.2007	1.6311	8.2324	8.9908	146.20	102.5180
	10	1.7710	6.1488	1.6213	8.2377	8.9945	146.40	102.6110
	11	1.7738	6.1196	1.6234	8.2397	8.9970	146.60	102.4300
	12	1.7696	6.0993	1.6216	8.2381	8.9958	147.00	102.5675
	13	1.7722	6.1383	1.6272	8.2450	9.0288	147.00	103.0475
	14	1.7847	6.1764	1.6331	8.2655	9.0517	147.40	103.2865

* 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
2024 Oct.	17,105.85	4.0441	166.30	1,500.05	4.7652	21.8087	1.8220	11.9385
Nov.	16,753.81	3.8411	158.64	1,476.11	4.6948	21.5370	1.7873	11.6805
Dec.	16,820.88	3.7885	163.06	1,532.15	4.6454	21.5504	1.8532	11.7950
2025 Jan.	16,941.21	3.7199	160.99	1,506.62	4.6301	21.4769	1.8391	11.7373
Feb.	17,228.17	3.7457	156.96	1,519.92	4.6459	21.2191	1.8579	11.7245
Mar.	17,992.97	4.0256	161.60	1,594.71	4.7992	22.0627	1.9035	11.4130
Apr.	18,901.98	4.1231	162.68	1,618.39	4.9074	22.2020	1.9219	11.8090
May	18,519.93	3.9761	162.96	1,563.09	4.8264	21.8766	1.9017	11.5408
June	19,021.03	3.9492	169.17	1,588.21	4.9365	22.0899	1.9334	11.8345
July	18,882.87	3.8758	171.52	1,596.29	4.8817	21.5455	1.9375	11.7740
Aug.	19,207.37	3.8953	171.72	1,622.26	4.9255	21.7935	1.9811	11.7465
Sep.	19,578.94	3.8786	173.76	1,648.05	4.9412	21.5314	2.0257	11.7265
Oct.	19,251.16	3.7544	178.14	1,650.07	4.8388	21.4286	2.0212	11.6485
2025 Oct. 20	19,303.59	3.8595	175.71	1,659.14	4.9254	21.4351	2.0349	11.7415
21	19,272.67	3.8174	176.45	1,660.38	4.9086	21.4006	2.0287	11.6693
22	19,256.00	3.8300	175.92	1,660.02	4.8813	21.3240	2.0185	11.6430
23	19,273.00	3.8361	176.94	1,669.89	4.9027	21.3540	2.0184	11.5829
24	19,285.21	3.8195	177.55	1,671.49	4.9037	21.3720	2.0214	11.6185
27	19,343.82	3.7914	177.93	1,667.22	4.9004	21.4090	2.0186	11.6320
28	19,323.59	3.7866	177.11	1,670.51	4.8817	21.4507	2.0175	11.6335
29	19,272.36	3.7712	177.07	1,655.74	4.8737	21.4634	2.0119	11.6385
30	19,249.00	3.7611	178.37	1,657.41	4.8510	21.4824	2.0164	11.6648
31	19,251.16	3.7544	178.14	1,650.07	4.8388	21.4286	2.0212	11.6485
Nov. 3	19,240.24	3.7567	177.57	1,646.53	4.8353	21.3102	2.0156	11.6480
4	19,214.10	3.7544	176.39	1,653.78	4.8233	21.3976	2.0299	11.7265
5	19,196.18	3.7567	176.67	1,659.45	4.8169	21.4323	2.0349	11.7490
6	19,233.76	3.7551	177.15	1,667.40	4.8243	21.4201	2.0353	11.7265
7	19,303.86	3.7719	176.99	1,687.49	4.8279	21.4590	2.0569	11.7800
10	19,314.54	3.7406	178.31	1,682.57	4.8135	21.2938	2.0511	11.6885
11	19,362.25	3.7260	178.46	1,695.85	4.7909	21.2582	2.0478	11.6605
12	19,401.72	3.7008	179.19	1,696.90	4.7884	21.1634	2.0432	11.6495
13	19,417.03	3.7310	179.57	1,700.42	4.7975	21.2252	2.0507	11.6740
14	19,455.36	3.7718	179.22	1,690.71	4.8135	21.4017	2.0489	11.7285

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
2024 Oct.	63.364	1.4377	19.1869	0.9412	36.754	37.2680	0.83753	1.0882
Nov.	61.939	1.4159	19.0777	0.9309	36.217	36.6390	0.83205	1.0562
Dec.	60.301	1.4164	19.6188	0.9412	35.676	36.7372	0.82918	1.0389
2025 Jan.	60.682	1.4091	19.3588	0.9449	34.915	37.2655	0.83608	1.0393
Feb.	60.355	1.4037	19.1917	0.9394	35.567	38.0186	0.82608	1.0411
Mar.	61.919	1.4519	19.8782	0.9531	36.706	41.0399	0.83536	1.0815
Apr.	63.538	1.4859	21.1095	0.9389	38.009	43.7574	0.85180	1.1373
May	63.209	1.4633	20.2939	0.9341	37.243	44.4954	0.84120	1.1339
June	66.161	1.4941	20.8411	0.9347	38.125	46.5682	0.85550	1.1720
July	66.770	1.4845	20.7390	0.9297	37.400	46.4644	0.86490	1.1446
Aug.	66.687	1.4987	20.6758	0.9364	37.760	47.9536	0.86680	1.1658
Sep.	68.375	1.5145	20.2820	0.9364	38.088	48.8227	0.87340	1.1741
Oct.	67.835	1.5039	20.0452	0.9287	37.348	48.5832	0.88160	1.1554
2025 Oct. 20	67.798	1.5088	20.1876	0.9239	38.106	48.9025	0.86910	1.1655
21	67.761	1.5061	20.1148	0.9230	38.071	48.7114	0.86780	1.1607
22	67.477	1.5052	20.2312	0.9228	38.107	48.6754	0.86890	1.1587
23	67.960	1.5066	20.1115	0.9249	38.029	48.7879	0.86910	1.1593
24	68.083	1.5089	20.1215	0.9248	38.035	48.7454	0.87260	1.1612
27	68.542	1.5088	20.0053	0.9264	38.034	48.7949	0.87210	1.1640
28	68.834	1.5075	20.0624	0.9262	37.757	48.8034	0.87600	1.1630
29	68.316	1.5062	19.9043	0.9278	37.578	48.8076	0.88070	1.1636
30	68.081	1.5047	20.0421	0.9281	37.503	48.4960	0.88010	1.1550
31	67.835	1.5039	20.0452	0.9287	37.348	48.5832	0.88160	1.1554
Nov. 3	67.758	1.5013	19.9293	0.9298	37.392	48.4143	0.87650	1.1514
4	67.352	1.5012	20.0745	0.9295	37.386	48.3616	0.87950	1.1491
5	67.572	1.5018	20.0458	0.9307	37.372	48.3717	0.88100	1.1492
6	67.838	1.5041	20.0037	0.9316	37.309	48.5775	0.88070	1.1533
7	68.379	1.5053	20.0560	0.9312	37.388	48.8007	0.88110	1.1561
10	68.204	1.5074	19.8864	0.9318	37.415	48.8579	0.87780	1.1571
11	68.255	1.5067	19.8699	0.9278	37.538	48.8867	0.88040	1.1575
12	68.476	1.5081	19.7327	0.9250	37.570	48.9021	0.88230	1.1576
13	68.418	1.5109	19.7556	0.9244	37.541	49.0952	0.88190	1.1619
14	68.695	1.5129	19.9561	0.9185	37.740	49.3064	0.88460	1.1648

* See Explanatory notes, p. 48.

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

2. Annual and monthly averages +

EUR 1 = CU ...

EU member countries								
	Bulgaria	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	1.9558	24.004	7.4509	381.85	4.5420	4.9467	11.4788	
2024	1.9558	25.120	7.4589	395.30	4.3058	4.9746	11.4325	
2023 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	
Aug.	1.9558	25.179	7.4614	394.70	4.2917	4.9766	11.4557	
Sep.	1.9558	25.099	7.4600	394.86	4.2761	4.9744	11.3577	
Oct.	1.9558	25.298	7.4593	401.90	4.3170	4.9750	11.4048	
Nov.	1.9558	25.301	7.4583	409.25	4.3317	4.9762	11.5828	
Dec.	1.9558	25.136	7.4589	411.99	4.2704	4.9749	11.5040	
2025 Jan.	1.9558	25.163	7.4609	411.73	4.2467	4.9752	11.4797	
Feb.	1.9558	25.077	7.4592	403.13	4.1722	4.9770	11.2474	
Mar.	1.9558	25.001	7.4597	399.81	4.1820	4.9768	10.9675	
Apr.	1.9558	25.039	7.4648	406.44	4.2652	4.9775	10.9744	
May	1.9558	24.923	7.4600	403.94	4.2538	5.0714	10.8812	
June	1.9558	24.804	7.4597	402.08	4.2658	5.0454	11.0094	
July	1.9558	24.625	7.4625	399.19	4.2541	5.0716	11.1985	
Aug.	1.9558	24.517	7.4638	396.45	4.2613	5.0651	11.1610	
Sep.	1.9558	24.347	7.4644	391.63	4.2589	5.0740	11.0004	
Oct.	1.9558	24.315	7.4680	389.91	4.2488	5.0872	10.9699	

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	1.6288	5.4010	1.4595	7.6600	8.4650	149.13	89.3001
2024	1.6397	5.8283	1.4821	7.7875	8.4454	149.31	90.5563
2023 Sep.	1.6622	5.2770	1.4458	7.7967	8.3640	144.46	88.7372
Oct.	1.6637	5.3509	1.4474	7.7200	8.2648	146.50	87.8937
Nov.	1.6634	5.2963	1.4828	7.8087	8.4380	151.44	90.0102
Dec.	1.6321	5.3428	1.4653	7.7870	8.5152	150.55	90.8009
2024 Jan.	1.6422	5.3569	1.4631	7.8201	8.5244	149.43	90.6347
Feb.	1.6533	5.3559	1.4564	7.7651	8.4432	148.68	89.5608
Mar.	1.6586	5.4157	1.4726	7.8297	8.5049	149.04	90.2515
Apr.	1.6469	5.4975	1.4661	7.7658	8.4006	150.35	89.4676
May	1.6317	5.5529	1.4780	7.8206	8.4458	150.00	90.1573
June	1.6206	5.7884	1.4750	7.8051	8.4023	149.36	89.8106
July	1.6257	6.0053	1.4868	7.8750	8.4684	149.43	90.6557
Aug.	1.6559	6.1193	1.5049	7.8736	8.5849	151.84	92.4062
Sep.	1.6398	6.1528	1.5037	7.8611	8.6528	152.21	93.0808
Oct.	1.6250	6.1195	1.4993	7.7276	8.4726	149.07	91.6266
Nov.	1.6267	6.1729	1.4855	7.6617	8.2699	146.72	89.6717
Dec.	1.6529	6.3843	1.4915	7.6298	8.1459	145.24	89.0453
2025 Jan.	1.6626	6.2408	1.4904	7.5560	8.0605	145.40	89.3418
Feb.	1.6528	6.0053	1.4893	7.5749	8.1031	146.26	90.6346
Mar.	1.7158	6.2368	1.5518	7.8353	8.4000	145.26	93.4985
Apr.	1.7844	6.4759	1.5701	8.1850	8.7071	145.00	95.9723
May	1.7521	6.3953	1.5646	8.1348	8.8022	145.49	96.1427
June	1.7723	6.3913	1.5754	8.2700	9.0387	143.45	98.9782
July	1.7862	6.4611	1.5982	8.3754	9.1661	142.39	100.6043
Aug.	1.7920	6.3439	1.6057	8.3442	9.1035	143.10	101.8425
Sep.	1.7795	6.3013	1.6227	8.3586	9.1342	142.98	103.6023
Oct.	1.7781	6.2614	1.6280	8.2810	9.0426	142.22	102.8353

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

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

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

EUR 1 = CU ...

Other European and non-European countries (cont'd)								
Period	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	16,479.62	3.9880	151.99	1,412.88	4.9320	19.1830	1.7622	11.4248
2024	17,157.68	4.0067	163.85	1,475.40	4.9503	19.8314	1.7880	11.6290
2023 Sep.	16,424.67	4.0793	157.80	1,424.53	5.0024	18.4757	1.8012	11.4525
Oct.	16,646.67	4.2034	158.04	1,427.33	5.0142	19.0882	1.7916	11.6284
Nov.	16,853.56	4.1118	161.84	1,412.57	5.0667	18.7877	1.8033	11.7958
Dec.	16,910.33	4.0057	157.21	1,423.13	5.0826	18.7665	1.7556	11.5333
2024 Jan.	17,049.43	4.0493	159.46	1,447.18	5.1105	18.6268	1.7673	11.3501
Feb.	16,898.59	3.9345	161.38	1,437.37	5.1468	18.4425	1.7618	11.3843
Mar.	17,063.66	3.9442	162.77	1,448.12	5.1272	18.2610	1.7869	11.5214
Apr.	17,258.77	4.0240	165.03	1,469.42	5.1139	18.0066	1.7992	11.6828
May	17,375.67	4.0062	168.54	1,474.96	5.0971	18.1549	1.7819	11.5988
June	17,595.94	4.0074	169.81	1,485.38	5.0680	19.6134	1.7539	11.4178
July	17,623.29	3.9902	171.17	1,499.62	5.0737	19.6397	1.7985	11.7160
Aug.	17,347.75	4.1079	161.06	1,488.61	4.8605	21.0823	1.8112	11.7895
Sep.	17,020.23	4.1452	159.08	1,478.72	4.7341	21.7625	1.7845	11.7852
Oct.	16,988.19	4.1020	163.20	1,484.59	4.6883	21.4603	1.7917	11.7907
Nov.	16,817.07	3.9523	163.23	1,482.25	4.7141	21.6152	1.7967	11.7408
Dec.	16,810.95	3.7896	161.08	1,506.85	4.6728	21.2338	1.8217	11.7447
2025 Jan.	16,832.40	3.7450	161.92	1,503.60	4.6232	21.2951	1.8393	11.7456
Feb.	17,020.42	3.7149	158.09	1,505.02	4.6261	21.3268	1.8337	11.6574
Mar.	17,800.79	3.9523	161.17	1,576.45	4.7927	21.8760	1.8879	11.5472
Apr.	18,871.74	4.1460	161.67	1,617.41	4.9510	22.5071	1.9256	11.8380
May	18,526.84	4.0189	163.14	1,566.14	4.8091	21.9250	1.8998	11.5968
June	18,776.57	4.0064	166.52	1,573.37	4.8848	21.9261	1.9114	11.5841
July	19,029.69	3.9148	171.53	1,608.95	4.9462	21.8347	1.9471	11.8537
Aug.	18,967.88	3.9507	171.79	1,617.15	4.9166	21.7728	1.9721	11.8653
Sep.	19,399.67	3.9235	173.55	1,634.39	4.9417	21.7063	1.9940	11.6702
Oct.	19,310.79	3.8204	176.15	1,655.92	4.9028	21.4305	2.0198	11.6633

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	60.163	1.4523	19.9551	0.9718	37.631	25.7597	0.86979	1.0813
2024	62.007	1.4458	19.8297	0.9526	38.181	35.5734	0.84662	1.0824
2023 Sep.	60.665	1.4562	20.2780	0.9600	38.301	28.8643	0.86158	1.0684
Oct.	59.994	1.4462	20.1390	0.9547	38.549	29.4506	0.86798	1.0563
Nov.	60.285	1.4575	20.0397	0.9634	38.327	30.9786	0.87045	1.0808
Dec.	60.593	1.4533	20.3373	0.9441	38.176	31.7243	0.86168	1.0903
2024 Jan.	61.090	1.4569	20.5161	0.9368	38.401	32.8165	0.85873	1.0905
Feb.	60.486	1.4513	20.5082	0.9462	38.709	33.2644	0.85466	1.0795
Mar.	60.736	1.4573	20.4955	0.9656	39.079	34.8229	0.85524	1.0872
Apr.	61.171	1.4554	20.2378	0.9761	39.454	34.6926	0.85658	1.0728
May	62.523	1.4606	19.9079	0.9830	39.607	34.8605	0.85564	1.0812
June	63.177	1.4547	19.8144	0.9616	39.492	35.0667	0.84643	1.0759
July	63.416	1.4602	19.7950	0.9676	39.324	35.6969	0.84332	1.0844
Aug.	62.710	1.4488	19.8651	0.9450	38.263	37.1098	0.85150	1.1012
Sep.	62.256	1.4396	19.5634	0.9414	37.012	37.8238	0.84021	1.1106
Oct.	62.655	1.4283	19.1609	0.9386	36.411	37.3473	0.83496	1.0904
Nov.	62.410	1.4206	19.0553	0.9355	36.596	36.6237	0.83379	1.0630
Dec.	61.203	1.4144	19.0606	0.9339	35.794	36.6588	0.82804	1.0479
2025 Jan.	60.479	1.4092	19.3821	0.9414	35.444	36.8091	0.83908	1.0354
Feb.	60.443	1.4022	19.2451	0.9413	35.189	37.6927	0.83071	1.0413
Mar.	62.013	1.4441	19.7403	0.9548	36.522	40.1683	0.83703	1.0807
Apr.	63.744	1.4852	21.1972	0.9370	37.883	42.7740	0.85379	1.1214
May	62.742	1.4589	20.4124	0.9356	37.143	43.7908	0.84350	1.1278
June	64.901	1.4782	20.5631	0.9380	37.564	45.4347	0.84981	1.1516
July	66.415	1.4960	20.7477	0.9325	37.883	46.9835	0.86469	1.1677
Aug.	66.452	1.4954	20.6230	0.9387	37.755	47.4983	0.86528	1.1631
Sep.	67.212	1.5075	20.4793	0.9350	37.549	48.4914	0.86895	1.1732
Oct.	67.884	1.5074	20.0976	0.9289	37.886	48.6799	0.87155	1.1630

* 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	Hungary Hungarian forint HUF	Latvia ¹ Latvian lats LVL	Lithuania ¹ Lithuanian litas LTL	Poland Polish zloty PLN
	End of year							
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
2024	1.9558	–	25.185	7.4578	411.35	–	–	4.2750
	Annual averages +							
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
2024	1.9558	–	25.120	7.4589	395.30	–	–	4.3058

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							
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
2024	4.9743	11.4590	1.6772	6.4253	1.4948	7.5833	8.0686	143.90
	Annual averages +							
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
2024	4.9746	11.4325	1.6397	5.8283	1.4821	7.7875	8.4454	149.31

* 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 ¹	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN	New Zealand dollar NZD	Norwegian krone NOK	
End of year									
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
2024	88.9335	16,820.88	3.7885	163.06	1,532.15	4.6454	21.5504	1.8532	11.7950
Annual averages +									
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
2024	90.5563	17,157.68	4.0067	163.85	1,475.40	4.9503	19.8314	1.7880	11.6290

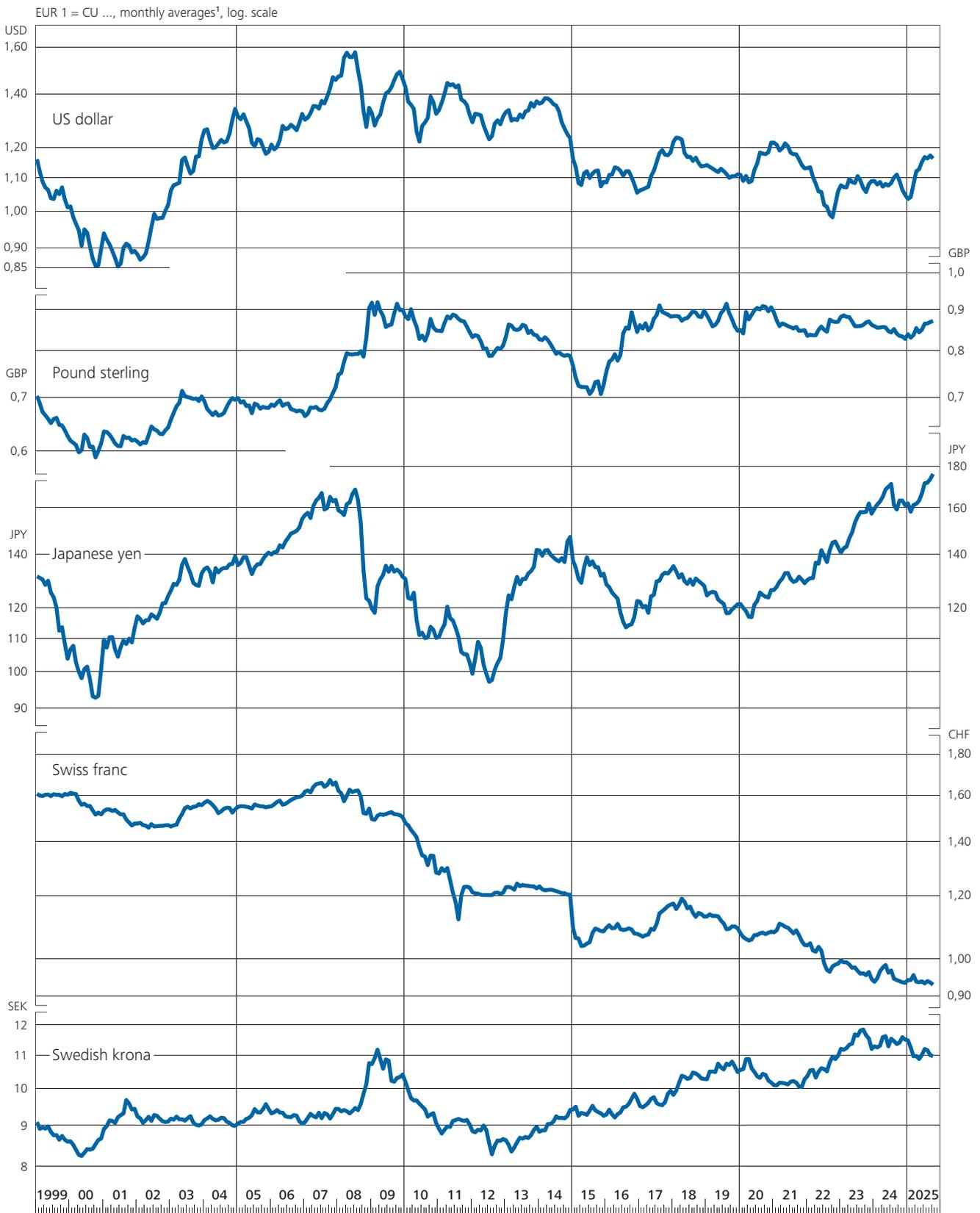
Other European and non-European countries (cont'd)									
Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United Kingdom	United States	
Philippine peso PHP	Russian rouble RUB ²	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY	Pound sterling GBP	US dollar USD	
End of year									
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
2024	60.301	–	1.4164	19.6188	0.9412	35.676	36.7372	0.82918	1.0389
Annual averages +									
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
2024	62.007	–	1.4458	19.8297	0.9526	38.181	35.5734	0.84662	1.0824

* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. ¹ Up to December 2010,

ECB indicative rates. ² 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

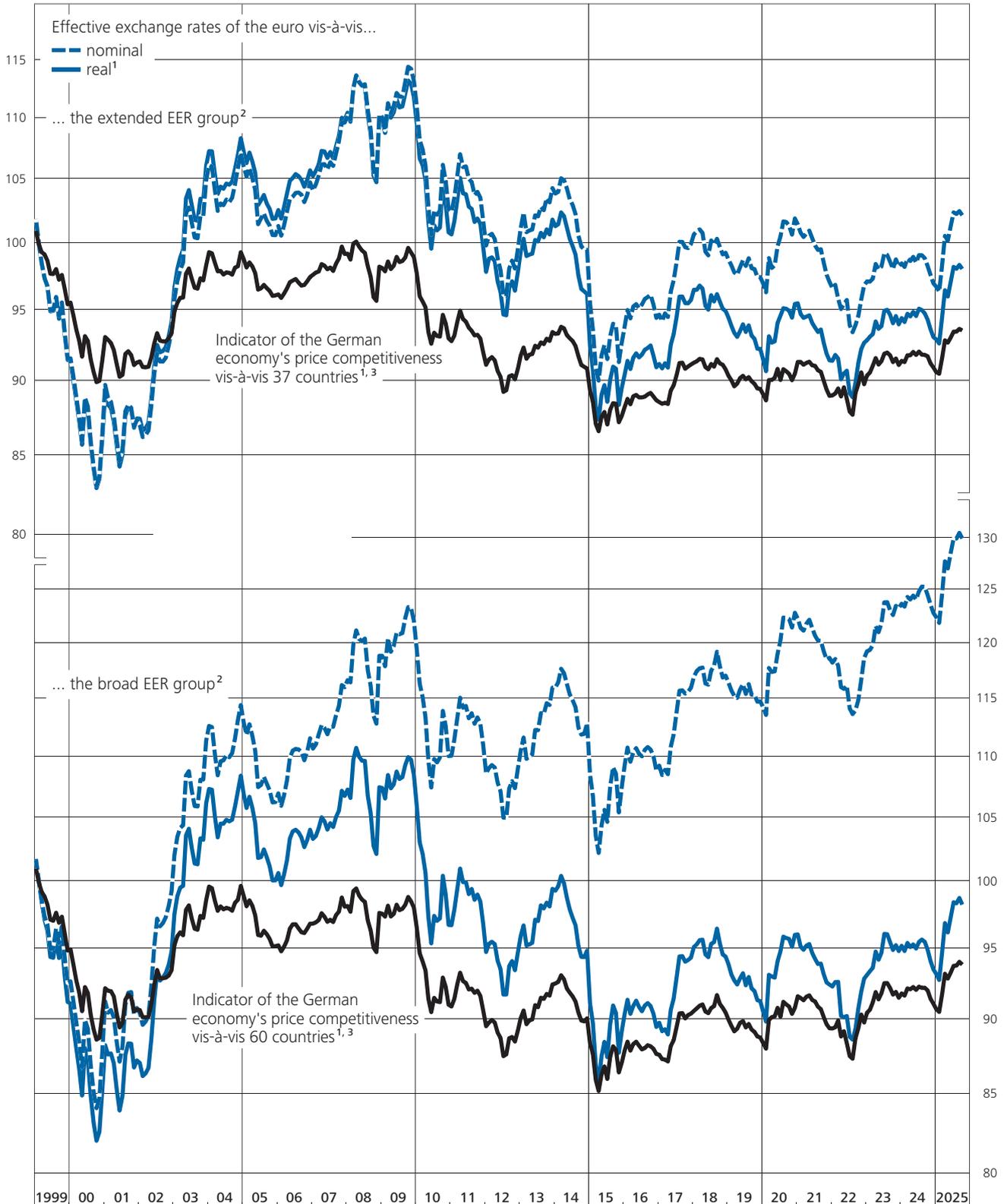


* See explanatory notes, p. 48. ¹ Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB.

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	96.2	95.8	96.0	96.5	95.9	
2000	87.0	86.8	85.9	85.5	88.0	86.1	
2001	87.4	87.1	86.7	84.5	90.1	86.9	
2002	89.7	90.3	89.9	88.2	94.4	90.5	
2003	100.5	101.6	101.3	99.4	106.5	101.7	
2004	104.3	105.6	104.3	102.8	111.0	105.6	
2005	102.9	104.3	102.4	100.8	109.1	103.2	
2006	102.9	104.3	101.8	99.7	109.3	102.5	
2007	106.5	107.3	104.1	101.5	112.9	104.8	
2008	110.4	110.3	106.3	105.6	117.8	107.3	
2009	111.9	111.1	107.6	109.0	120.8	108.3	
2010	104.6	103.3	99.2	101.7	112.1	99.3	
2011	104.4	102.3	97.3	99.9	112.9	98.8	
2012	98.6	97.0	91.6	94.2	107.6	94.0	
2013	102.2	100.1	94.7	97.2	112.4	97.0	
2014	102.4	99.5	94.6	97.4	114.7	97.3	
2015	92.5	89.6	85.8	86.6	106.1	88.7	
2016	95.2	91.6	88.1	p	110.1	90.7	
2017	97.5	93.6	89.4	p	112.5	91.9	
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	90.4	p	119.2	93.9	
2021	99.6	93.7	88.9	p	120.5	94.3	
2022	95.3	90.8	84.2	p	116.1	90.8	
2023	98.1	94.0	88.9	p	121.8	94.7	
2024	98.4	94.4	89.6	p	124.1	95.0	
2023 Nov.	98.7	94.5	89.7	p	123.4	95.2	
2023 Dec.	98.2	93.9			123.2	94.8	
2024 Jan.	98.4	94.4			123.6	95.2	
2024 Feb.	98.1	94.1	89.6	p	123.3	94.8	
2024 Mar.	98.8	94.7			124.2	95.4	
2024 Apr.	98.6	94.5			124.0	95.1	
2024 May	98.9	94.8	89.7	p	124.4	95.3	
2024 June	98.5	94.5			124.0	95.0	
2024 July	99.0	95.1			124.8	95.4	
2024 Aug.	99.0	95.0	90.0	p	125.2	95.6	
2024 Sep.	98.8	94.7			125.2	95.5	
2024 Oct.	98.2	94.3			124.4	94.9	
2024 Nov.	97.5	93.6	88.9	p	123.5	94.1	
2024 Dec.	96.9	93.0			122.7	93.5	
2025 Jan.	96.7	92.9			122.3	93.1	
2025 Feb.	96.3	92.6	88.4	p	121.8	92.7	
2025 Mar.	98.3	94.4			124.5	94.7	
2025 Apr.	100.5	96.4			127.7	96.8	
2025 May	100.1	96.0	92.1	p	127.0	96.1	
2025 June	101.3	97.0			128.5	p	97.3
2025 July	102.3	p	98.1		129.9	p	98.4
2025 Aug.	102.2	p	98.0	...	129.9	p	98.3
2025 Sep.	102.4	p	98.3		130.5	p	98.7
2025 Oct.	102.1	p	98.0		129.9	p	98.2
2025 Oct. 15	102.1	-	-	-	129.9	-	-
2025 Oct. 16	102.2	-	-	-	130.0	-	-
2025 Oct. 17	102.3	-	-	-	130.2	-	-
2025 Oct. 20	102.1	-	-	-	130.0	-	-
2025 Oct. 21	101.9	-	-	-	129.7	-	-
2025 Oct. 22	101.8	-	-	-	129.6	-	-
2025 Oct. 23	101.9	-	-	-	129.7	-	-
2025 Oct. 24	102.1	-	-	-	129.9	-	-
2025 Oct. 27	102.1	-	-	-	129.9	-	-
2025 Oct. 28	102.1	-	-	-	129.9	-	-
2025 Oct. 29	102.1	-	-	-	129.9	-	-
2025 Oct. 30	101.9	-	-	-	129.6	-	-
2025 Oct. 31	102.0	-	-	-	129.7	-	-
2025 Nov. 3	101.7	-	-	-	129.3	-	-
2025 Nov. 4	101.7	-	-	-	129.3	-	-
2025 Nov. 5	101.8	-	-	-	129.4	-	-
2025 Nov. 6	101.9	-	-	-	129.6	-	-
2025 Nov. 7	102.1	-	-	-	129.8	-	-
2025 Nov. 10	102.0	-	-	-	129.7	-	-
2025 Nov. 11	102.1	-	-	-	129.8	-	-
2025 Nov. 12	102.1	-	-	-	129.7	-	-
2025 Nov. 13	102.2	-	-	-	129.9	-	-
2025 Nov. 14	102.3	-	-	-	130.1	-	-

* 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	97.9	99.7	95.8	97.7	97.7	98.3	100.1	96.1	96.1	98.1	97.8				
2000	92.0	97.5	85.6	91.2	91.2	93.1	99.0	86.1	86.1	92.3	91.2				
2001	91.9	96.8	86.2	90.7	90.7	93.0	98.1	86.9	86.9	91.7	91.1				
2002	92.7	96.1	88.7	91.4	91.4	93.5	96.9	89.4	89.4	92.2	91.9				
2003	96.3	95.2	97.9	95.7	95.7	97.0	95.7	99.0	99.0	96.7	96.8				
2004	96.8	94.2	100.6	96.2	96.2	98.5	95.4	102.8	102.8	98.2	98.4				
2005	95.4	92.6	99.4	93.9	93.9	98.5	95.2	103.1	103.1	97.2	96.8				
2006	94.1	90.9	98.7	92.1	92.1	98.6	94.8	104.0	104.0	96.8	96.0				
2007	95.2	90.3	102.9	92.7	92.7	100.9	95.1	109.6	109.6	98.3	97.4				
2008	95.6	88.9	106.1	92.0	92.0	102.4	94.5	114.6	114.6	98.5	97.6				
2009	96.2	90.1	105.8	93.0	93.0	101.9	94.4	113.5	113.5	98.6	97.9				
2010	93.4	89.5	99.2	88.9	88.9	98.8	94.0	105.7	105.7	94.3	92.5				
2011	93.0	89.2	98.6	88.1	88.1	98.2	93.7	104.8	104.8	93.5	91.9				
2012	90.8	89.0	93.4	85.4	85.4	95.9	93.2	99.5	99.5	90.5	88.9				
2013	93.2	89.6	98.5	87.5	87.5	98.1	93.3	105.2	105.2	92.3	90.9				
2014	93.9	90.5	98.9	88.3	88.3	98.2	93.6	104.7	104.7	92.5	91.5				
2015	90.7	91.2	89.9	84.4	84.4	94.3	94.1	94.4	94.4	87.8	86.9				
2016	91.6	91.6	91.5	85.8	85.8	95.0	94.1	96.1	96.1	88.8	88.1				
2017	92.8	91.6	94.4	86.5	86.5	96.3	94.2	99.1	99.1	89.9	88.9				
2018	94.0	91.7	97.5	87.4	87.4	97.7	94.4	102.5	102.5	91.1	90.8				
2019	93.0	91.9	94.6	86.5	86.5	96.4	94.3	99.3	99.3	89.9	89.4				
2020	93.3	92.2	94.7	87.2	87.2	96.4	94.2	99.5	99.5	90.1	90.1				
2021	93.8	92.2	96.2	87.0	87.0	97.4	94.8	101.0	101.0	90.6	90.9				
2022	92.3	91.7	92.9	85.3	85.3	95.9	94.5	97.7	97.7	89.1	89.0				
2023	93.9	92.1	96.6	87.7	87.7	98.0	95.3	101.9	101.9	91.3	91.6				
2024	94.1	92.4	96.6	88.2	88.2	98.0	95.2	102.0	102.0	91.6	91.9				
2022 May	92.4	91.7	93.2	85.2	85.2	96.5	95.2	98.1	98.1	89.5	89.1				
2022 June						95.7	94.2	97.5	97.5	88.7	88.3				
2022 July						94.8	94.1	95.5	95.5	87.9	87.5				
2022 Aug.	91.4	91.4	91.2	84.5	84.5	94.5	93.9	94.9	94.9	87.7	87.3				
2022 Sep.						95.9	94.9	96.9	96.9	89.1	88.7				
2022 Oct.						96.0	94.6	97.6	97.6	89.7	89.4				
2022 Nov.	92.2	91.6	93.0	85.8	85.8	97.0	95.3	99.1	99.1	90.5	90.3				
2022 Dec.						96.2	94.1	99.1	99.1	89.7	89.7				
2023 Jan.						97.5	94.9	101.0	101.0	90.3	90.4				
2023 Feb.	93.5	91.9	95.8	86.7	86.7	97.7	95.1	101.3	101.3	90.5	90.6				
2023 Mar.						98.1	95.5	101.8	101.8	91.0	91.1				
2023 Apr.						98.5	95.6	102.8	102.8	91.5	91.9				
2023 May	93.9	92.1	96.7	87.5	87.5	98.1	95.3	102.0	102.0	91.1	91.3				
2023 June						98.2	95.5	102.1	102.1	91.3	91.8				
2023 July						98.4	95.3	102.8	102.8	91.8	92.5				
2023 Aug.	93.9	92.0	96.7	88.2	88.2	98.4	95.3	102.7	102.7	91.9	92.5				
2023 Sep.						98.0	95.3	101.9	101.9	91.7	92.1				
2023 Oct.						97.7	95.1	101.2	101.2	91.3	91.7				
2023 Nov.	94.4	92.5	97.1	88.4	88.4	98.1	95.2	102.4	102.4	91.5	91.9				
2023 Dec.						97.6	95.0	101.3	101.3	91.1	91.5				
2024 Jan.						97.7	95.0	101.6	101.6	91.3	91.8				
2024 Feb.	94.2	92.5	96.8	88.3	88.3	97.6	95.0	101.5	101.5	91.3	91.6				
2024 Mar.						98.1	95.1	102.3	102.3	91.7	92.1				
2024 Apr.						98.2	95.3	102.5	102.5	91.7	92.1				
2024 May	94.2	92.3	97.1	88.2	88.2	98.6	95.4	103.2	103.2	92.0	92.2				
2024 June						98.1	95.2	102.3	102.3	91.8	92.0				
2024 July						98.4	95.2	103.0	103.0	92.0	92.2				
2024 Aug.	94.2	92.3	97.1	88.4	88.4	98.1	95.0	102.7	102.7	91.8	92.1				
2024 Sep.						98.2	95.2	102.5	102.5	91.8	92.2				
2024 Oct.						98.1	95.3	102.0	102.0	91.7	92.0				
2024 Nov.	93.7	92.5	95.4	87.9	87.9	97.4	95.1	100.7	100.7	91.2	91.4				
2024 Dec.						97.1	95.1	99.8	99.8	90.9	91.0				
2025 Jan.						96.9	94.8	99.7	99.7	90.6	90.7				
2025 Feb.	93.6	92.8	94.6	87.8	87.8	96.8	94.8	99.4	99.4	90.4	90.5				
2025 Mar.						97.6	94.9	101.5	101.5	91.5	91.7				
2025 Apr.						98.3	95.1	103.1	103.1	92.8	93.1				
2025 May	94.9	92.9	97.9	89.8	89.8	98.4	95.2	102.9	102.9	92.6	92.8				
2025 June						98.6	95.0	104.0	104.0	93.0	93.2				
2025 July						99.0	94.9	105.3	105.3	93.4	93.7				
2025 Aug.	...	...	...	...	...	99.1	94.9	105.4	105.4	93.4	93.7
2025 Sep.						99.3	95.0	105.8	105.8	93.6	94.0				
2025 Oct.						p	99.3	p	95.1	p	105.6	p	93.5	p	93.8

* 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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Afghanistan							
Kabul	Afghani = 100 puls	B	USD 1 =	AFN 70.8318	AFN 68.4806	AFN 66.9640	AFN 66.6627
		S	USD 1 =	AFN 70.9318	AFN 68.5806	AFN 67.0640	AFN 66.7627
	AFN	B	EUR 1 =	AFN 76.1078	AFN 78.3013	AFN 77.4033	AFN 76.6057
		S	EUR 1 =	AFN 76.3678	AFN 78.5613	AFN 77.6633	AFN 76.8657
Albania							
Tirana	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 93.07	ALL 83.85	ALL 82.41	ALL 83.69
		M	EUR 1 =	ALL 100.58	ALL 97.88	ALL 96.82	ALL 96.83
Algeria ¹							
Algiers	Algerian dinar = 100 centimes	B	USD 1 =	DZD 134.0431	DZD 129.7342	DZD 129.5314	DZD 130.2961
		S	USD 1 =	DZD 134.0581	DZD 129.7492	DZD 129.5464	DZD 130.3111
	DZD	B	EUR 1 =	DZD 145.0113	DZD 151.3479	DZD 151.8885	DZD 150.8308
		S	EUR 1 =	DZD 145.0593	DZD 151.3784	DZD 151.9320	DZD 150.8612
Angola							
Luanda	Kwanza = 100 cêntimos AOA	M	USD 1 =	AOA 874.199	AOA 911.955	AOA 911.978	AOA 911.978
		M	EUR 1 =	AOA 944.703	AOA 1,063.340	AOA 1,068.473	AOA 1,068.401
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 2.9097	XCD 3.1339	XCD 3.1562	XCD 3.1059
		V, S	EUR 1 =	XCD 2.9408	XCD 3.1674	XCD 3.1899	XCD 3.1391
Argentina ¹							
Buenos Aires	Argentine peso = 100 centavos	B	USD 1 =	ARS 913.1709	ARS 1,333.0000	ARS 1,371.0000	ARS 1,436.0000
		S	USD 1 =	ARS 916.1709	ARS 1,342.0000	ARS 1,380.0000	ARS 1,445.0000
	ARS	B	EUR 1 =	ARS 987.5162	ARS 1,557.7438	ARS 1,608.5943	ARS 1,653.2668
		S	EUR 1 =	ARS 993.0517	ARS 1,571.6162	ARS 1,622.6040	ARS 1,667.2410
Armenia							
Yerevan	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 392.63	AMD 382.52	AMD 382.52	AMD 382.65
		M	EUR 1 =	AMD 424.43	AMD 446.29	AMD 449.38	AMD 442.76
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 192.51	AWG 207.74	AWG 209.08	AWG 206.09
		S	EUR 100 =	AWG 194.44	AWG 209.83	AWG 211.18	AWG 208.16

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Australia							
Canberra	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.6603	USD 0.6538	USD 0.6602	USD 0.6551
		M	AUD 1 =	EUR 0.6092	EUR 0.5602	EUR 0.5626	EUR 0.5662
Austria							
Vienna	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
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 1.8366	AZN 1.9829	AZN 1.9940	AZN 1.9672
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 1.07699	BSD 1.15997	BSD 1.16823	BSD 1.14962
		V, S	EUR 1 =	BSD 1.09593	BSD 1.18037	BSD 1.18878	BSD 1.16984
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 0.4062118	BHD 0.4394890	BHD 0.4411620	BHD 0.4367430
Bangladesh 1							
Dhaka	Taka = 100 poisha BDT	B	USD 1 =	BDT 115.3250	BDT 121.0000	BDT 121.0000	BDT 121.6000
		S	USD 1 =	BDT 116.1583	BDT 122.3000	BDT 122.5000	BDT 122.8000
		B	EUR 1 =	BDT 123.4834	BDT 141.3764	BDT 141.8604	BDT 141.2506
		S	EUR 1 =	BDT 130.9481	BDT 144.3752	BDT 145.1013	BDT 144.1304
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 2.15122	BBD 2.32706	BBD 2.33582	BBD 2.30367
		S	EUR 1 =	BBD 2.19155	BBD 2.37069	BBD 2.37962	BBD 2.34685
Belarus							
Minsk	Belarusian rouble = 100 kopecks BYN	M	USD 1 =	BYN 3.2601	BYN 2.9769	BYN 3.0247	BYN 2.9772
		M	EUR 1 =	BYN 3.5209	BYN 3.4676	BYN 3.5443	BYN 3.4584

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Belgium							
Brussels	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
Belize							
Belmopan	Belize dollar = 100 cents BZD	2 B	USD 1 =	BZD 2.0000	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 2.1425	BZD 2.3130	BZD 2.3259	BZD 2.2874
		S	EUR 1 =	BZD 2.1803	BZD 2.3538	BZD 2.3669	BZD 2.3278
Benin							
Porto-Novo Seat of government: Cotonou	CFA franc XOF	B	USD 1 =	XOF 604.06	XOF 558.75	XOF 555.00	XOF 564.00
		S	USD 1 =	XOF 611.06	XOF 565.75	XOF 562.00	XOF 571.00
		3	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Bermuda							
Hamilton	Bermudian dollar = 100 cents BMD	2 B	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
		2 S	USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
		V, B	EUR 1 =	BMD 1.0781	BMD 1.1611	BMD 1.1694	BMD 1.1508
		V, S	EUR 1 =	BMD 1.0871	BMD 1.1708	BMD 1.1791	BMD 1.1604
Bhutan ¹							
Thimphu	Ngultrum = 100 chhetrum BTN	B	USD 1 =	BTN 83.57	BTN 87.41	BTN 88.53	BTN 88.48
		S	USD 1 =	BTN 85.12	BTN 88.02	BTN 89.15	BTN 89.09
		B	EUR 1 =	BTN 90.30	BTN 101.83	BTN 103.74	BTN 102.78
		S	EUR 1 =	BTN 91.60	BTN 102.53	BTN 104.46	BTN 103.49
Bolivia, Plurinational State of ¹							
Sucre Seat of government: La Paz	Boliviano = 100 centavos BOB	B	USD 1 =	BOB 6.86	BOB 6.86	BOB 6.86	BOB 6.86
		S	USD 1 =	BOB 6.96	BOB 6.96	BOB 6.96	BOB 6.96
		V, B	EUR 1 =	BOB 7.4251	BOB 7.9974	BOB 8.0543	BOB 7.9260
		V, S	EUR 1 =	BOB 7.5333	BOB 8.1140	BOB 8.1717	BOB 8.0416
Bosnia and Herzegovina							
Sarajevo	Convertible marka = 100 feninga BAM	B	USD 1 =	BAM 1.807028	BAM 1.673478	BAM 1.664199	BAM 1.689126
		S	USD 1 =	BAM 1.816086	BAM 1.681866	BAM 1.672541	BAM 1.697592
		3	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583
Botswana							
Gaborone	Pula = 100 thebe BWP	B	BWP 1 =	USD 0.0737	USD 0.0804	USD 0.0808	USD 0.0805
		S	BWP 1 =	USD 0.0735	USD 0.0691	USD 0.0695	USD 0.0692
		B	BWP 1 =	EUR 0.0683	EUR 0.0689	EUR 0.0691	EUR 0.0697
		S	BWP 1 =	EUR 0.0681	EUR 0.0593	EUR 0.0595	EUR 0.0599

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

IV. Overview of world currencies *

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

Country ¹ Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Brazil							
Brasília	Brazilian real = 100 centavos	B	USD 1 =	BRL 5.3914	BRL 5.4258	BRL 5.3180	BRL 5.3837
		S	USD 1 =	BRL 5.3920	BRL 5.4264	BRL 5.3186	BRL 5.3843
	BRL	B	EUR 1 =	BRL 5.9066	BRL 6.3449	BRL 6.2396	BRL 6.2128
		S	EUR 1 =	BRL 5.9082	BRL 6.3467	BRL 6.2414	BRL 6.2140
Brunei Darussalam ¹							
Bandar Seri Begawan	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3288	BND 1.2726	BND 1.2809	BND 1.2896
		S	USD 1 =	BND 1.3467	BND 1.2924	BND 1.3007	BND 1.3094
	BND	B	EUR 1 =	BND 1.4190	BND 1.4721	BND 1.4870	BND 1.4786
		S	EUR 1 =	BND 1.4731	BND 1.5261	BND 1.5412	BND 1.5326
Bulgaria							
Sofia	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.80748	BGN 1.67767	BGN 1.66581	BGN 1.69277
		²	EUR 1 =	BGN 1.95583	BGN 1.95583	BGN 1.95583	BGN 1.95583
Burkina Faso							
Ouagadougou	CFA franc	B	USD 1 =	XOF 604.06	XOF 558.75	XOF 555.00	XOF 564.00
		S	USD 1 =	XOF 611.06	XOF 565.75	XOF 562.00	XOF 571.00
	XOF	²	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Burundi							
Gitega	Burundi franc = 100 centimes	B	USD 1 =	BIF 2,863.9457	BIF 2,928.4336	BIF 2,933.1754	BIF 2,937.6394
		S	USD 1 =	BIF 2,911.1043	BIF 2,975.6664	BIF 2,980.4846	BIF 2,985.0206
	BIF	B	EUR 1 =	BIF 3,091.2697	BIF 3,416.8963	BIF 3,441.6413	BIF 3,397.1155
		S	EUR 1 =	BIF 3,142.1625	BIF 3,472.0076	BIF 3,497.1517	BIF 3,451.9077
Cabo Verde							
Praia	Cabo Verde escudo = 100 centavos	B	USD 1 =	CVE 102.062	CVE 94.336	CVE 93.958	CVE 95.367
		S	USD 1 =	CVE 102.264	CVE 94.538	CVE 94.160	CVE 95.569
	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 4,067	KHR 4,008	KHR 4,010	KHR 4,020
		B	EUR 1 =	KHR 4,387	KHR 4,667	KHR 4,702	KHR 4,668
	S	EUR 1 =	KHR 4,431	KHR 4,713	KHR 4,749	KHR 4,714	
Cameroon							
Yaoundé	CFA franc	B	USD 1 =	XAF 604.3510	XAF 559.3291	XAF 556.7584	XAF 562.8699
		S	USD 1 =	XAF 608.4228	XAF 564.1391	XAF 561.5371	XAF 567.7095
	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 1.3698	CAD 1.3742	CAD 1.3921	CAD 1.4018
		M	EUR 1 =	CAD 1.4816	CAD 1.6062	CAD 1.6331	CAD 1.6169

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
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 0.9020	KYD 0.9715	KYD 0.9784	KYD 0.9628
Central African Republic							
Bangui	CFA franc XAF	B	USD 1 =	XAF 604.3510	XAF 559.3291	XAF 556.7584	XAF 562.8699
		S	USD 1 =	XAF 608.4228	XAF 564.1391	XAF 561.5371	XAF 567.7095
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chad							
N'Djaména	CFA franc XAF	B	USD 1 =	XAF 604.3510	XAF 559.3291	XAF 556.7584	XAF 562.8699
		S	USD 1 =	XAF 608.4228	XAF 564.1391	XAF 561.5371	XAF 567.7095
		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 943.58	CLP 967.48	CLP 961.24	CLP 940.57
		M	EUR 1 =	CLP 1,020.62	CLP 1,130.63	CLP 1,127.03	CLP 1,095.72
China							
Beijing	Chinese renminbi ⁴ 1 yuan (renminbi) = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 7.1217	CNY 7.1030	CNY 7.1055	CNY 7.0880
		M	EUR 1 =	CNY 7.7066	CNY 8.3008	CNY 8.3351	CNY 8.2138
		M	HKD 1 =	CNY 0.91266	CNY 0.91157	CNY 0.91298	CNY 0.91227
China (Taiwan)							
Taipei	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 32.078	TWD 30.540	TWD 30.395	TWD 30.680
		S	USD 1 =	TWD 32.179	TWD 30.640	TWD 30.495	TWD 30.780
		B	EUR 1 =	TWD 34.56	TWD 35.52	TWD 35.57	TWD 35.34
S	EUR 1 =	TWD 34.96	TWD 35.92	TWD 35.97	TWD 35.74		
Colombia							
Bogotá	Colombian peso = 100 centavos COP	M	USD 1 =	COP 4,073.88	COP 4,019.09	COP 3,901.29	COP 3,870.42
		V	EUR 1 =	COP 4,406.761	COP 4,685.455	COP 4,580.505	COP 4,471.883
Comoros							
Moroni	Comorian franc = 100 centimes KMF	V	USD 1 =	KMF 454.51566	KMF 422.00013	KMF 419.01691	KMF 425.79864
		3	EUR 1 =	KMF 491.96775	KMF 491.96775	KMF 491.96775	KMF 491.96775
Congo							
Brazzaville	CFA franc XAF	B	USD 1 =	XAF 604.3510	XAF 559.3291	XAF 556.7584	XAF 562.8699
		S	USD 1 =	XAF 608.4228	XAF 564.1391	XAF 561.5371	XAF 567.7095
		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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Congo, Democratic Republic of the							
Kinshasa	Congo franc = 100 centimes CDF	M	USD 1 =	CDF 2,815.7489	CDF 2,858.9204	CDF 2,605.5157	CDF 2,247.8691
		M	EUR 1 =	CDF 3,045.2072	CDF 3,328.5433	CDF 3,054.4646	CDF 2,613.6820
Costa Rica							
San José	Costa Rican colón = 100 céntimos CRC	B	USD 1 =	CRC 512.04	CRC 502.99	CRC 498.65	CRC 498.19
		S	USD 1 =	CRC 518.45	CRC 509.25	CRC 506.00	CRC 504.44
		V, B	EUR 1 =	CRC 553.4613	CRC 586.3857	CRC 585.4650	CRC 575.6087
		V, S	EUR 1 =	CRC 560.3865	CRC 593.6837	CRC 594.0946	CRC 582.8300
Côte d'Ivoire							
Yamoussoukro Seat of government: Abidjan	CFA franc XOF	B	USD 1 =	XOF 604.06	XOF 558.75	XOF 555.00	XOF 564.00
		S	USD 1 =	XOF 611.06	XOF 565.75	XOF 562.00	XOF 571.00
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Croatia							
Zagreb	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
Cuba ¹							
Havana	Cuban peso = 100 centavos CUP	3 4	USD 1 =	CUP 24.00	CUP 24.00	CUP 24.00	CUP 24.00
		4	EUR 1 =	CUP 25.9046	CUP 28.0296	CUP 28.1712	CUP 27.6744
		5	USD 1 =	CUP 120.00	CUP 120.00	CUP 120.00	CUP 120.00
		5	EUR 1 =	CUP 129.5230	CUP 140.1480	CUP 140.8560	CUP 138.3720
Curaçao ¹							
Willemstad	Netherlands Antillean guilder / Caribbean guilder = 100 cents ANG/XCG ¹	3 B	USD 1 =	ANG 1.78	XCG 1.78	XCG 1.78	XCG 1.78
		3 S	USD 1 =	ANG 1.82	XCG 1.82	XCG 1.82	XCG 1.82
		B	EUR 100 =	ANG 192.51	XCG 207.74	XCG 209.08	XCG 206.09
		S	EUR 100 =	ANG 196.39	XCG 211.93	XCG 213.29	XCG 210.24
Cyprus							
Nicosia	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
Czechia							
Prague	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 23.208	CZK 20.967	CZK 20.727	CZK 21.062
		M	EUR 1 =	CZK 25.156	CZK 24.445	CZK 24.340	CZK 24.335

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 Rate for transactions by general government. ⁵ 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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Denmark							
Copenhagen	Danish krone = 100 øre DKK	M	USD 100 =	DKK 689.06	DKK 640.26	DKK 635.80	DKK 646.33
		M	EUR 100 =	DKK 745.81	DKK 746.42	DKK 746.49	DKK 746.77
Djibouti							
Djibouti	Djibouti franc = 100 centimes DJF	2	USD 1 =	DJF 177.877	DJF 177.721	DJF 177.721	DJF 177.721
		M	EUR 1 =	DJF 193.156	DJF 207.187 ^v	DJF 208.662 ^v	DJF 205.339 ^v
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 2.9097	XCD 3.1339	XCD 3.1562	XCD 3.1059
		V, S	EUR 1 =	XCD 2.9408	XCD 3.1674	XCD 3.1899	XCD 3.1391
Dominican Republic							
Santo Domingo	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 58.4828	DOP 61.6514	DOP 61.2523	DOP 62.9682
		S	USD 1 =	DOP 59.7490	DOP 63.2964	DOP 62.8757	DOP 64.4583
		B	EUR 1 =	DOP 62.7073	DOP 71.5857	DOP 71.5783	DOP 72.6529
		S	EUR 1 =	DOP 66.4812	DOP 75.9349	DOP 75.9938	DOP 76.8048
Egypt							
Cairo	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 45.50	EGP 48.54	EGP 47.84	EGP 47.19
		S	USD 1 =	EGP 45.60	EGP 48.64	EGP 47.94	EGP 47.29
		B	EUR 1 =	EGP 49.0446	EGP 56.5588	EGP 56.0350	EGP 54.5328
		S	EUR 1 =	EGP 49.3646	EGP 56.9477	EGP 56.3822	EGP 54.7476
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 9.4710	SVC 10.2008	SVC 10.2734	SVC 10.1098
Equatorial Guinea							
Malabo	CFA franc XAF	B	USD 1 =	XAF 604.3510	XAF 559.3291	XAF 556.7584	XAF 562.8699
		S	USD 1 =	XAF 608.4228	XAF 564.1391	XAF 561.5371	XAF 567.7095
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Eritrea							
Asmara	Nakfa = 100 cents ERN	2 B	USD 1 =	ERN 15.00	ERN 15.00	ERN 15.00	ERN 15.00
		2 S	USD 1 =	ERN 15.15	ERN 15.15	ERN 15.15	ERN 15.15
		B	EUR 1 =	ERN 16.2038	ERN 17.5080	ERN 17.5800	ERN 17.3970
		S	EUR 1 =	ERN 16.8400	ERN 18.1442	ERN 18.2162	ERN 18.0332
Estonia							
Tallinn	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Eswatini ¹							
Mbabane Seat of parliament: Lobamba	Lilangeni = 100 cents	B	USD 1 =	SZL 18.3588	SZL 17.7157	SZL 17.2371	SZL 17.2870
		S	USD 1 =	SZL 18.3683	SZL 17.7236	SZL 17.2444	SZL 17.2974
	SZL	B	EUR 1 =	SZL 19.8244	SZL 20.6688	SZL 20.2305	SZL 20.0035
		S	EUR 1 =	SZL 19.8371	SZL 20.6803	SZL 20.2424	SZL 20.0171
Ethiopia							
Addis Ababa	Birr = 100 cents ETB	M	USD 1 =	ETB 85.0128	ETB 141.7470	ETB 146.4178	ETB 152.1386
		M	EUR 1 =	ETB 91.5812	ETB 165.7734	ETB 172.4311	ETB 177.4702
Falkland Islands (Islas Malvinas)							
Stanley	Falkland Islands pound ² = 100 pence FKP	V	USD 1 =	FKP 0.78217	FKP 0.74352	FKP 0.74389	FKP 0.76303
		V	EUR 1 =	FKP 0.84662	FKP 0.86680	FKP 0.87340	FKP 0.88160
Fiji							
Suva	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4487	USD 0.4470	USD 0.4463	USD 0.4446
		S	FJD 1 =	USD 0.4317	USD 0.4300	USD 0.4293	USD 0.4276
	FJD	B	FJD 1 =	EUR 0.4131	EUR 0.3809	EUR 0.3789	EUR 0.3825
		S	FJD 1 =	EUR 0.4011	EUR 0.3689	EUR 0.3669	EUR 0.3705
Finland							
Helsinki	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
France							
Paris	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
Gabon							
Libreville	CFA franc	B	USD 1 =	XAF 604.3510	XAF 559.3291	XAF 556.7584	XAF 562.8699
		S	USD 1 =	XAF 608.4228	XAF 564.1391	XAF 561.5371	XAF 567.7095
	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 67.82	GMD 72.17	GMD 71.70	GMD 71.83
		M	EUR 1 =	GMD 74.30	GMD 84.41	GMD 84.19	GMD 85.28
Georgia							
Tbilisi	Lari = 100 tetri GEL	M	USD 1 =	GEL 2.7214	GEL 2.6968	GEL 2.7088	GEL 2.7139
		M	EUR 1 =	GEL 2.9450	GEL 3.1237	GEL 3.1739	GEL 3.1514

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Germany							
Berlin	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
Ghana							
Accra	Ghana cedi = 100 Ghana pesewas	B S	USD 1 =	GHS 14.2868	GHS 11.3943	GHS 12.4138	GHS 10.8946
			USD 1 =	GHS 14.3011	GHS 11.4057	GHS 12.4262	GHS 10.9055
	GHS	B S	EUR 1 = EUR 1 =	GHS 15.4238 GHS 15.4387	GHS 13.3294 GHS 13.3425	GHS 14.5787 GHS 14.5931	GHS 12.5605 GHS 12.5729
Gibraltar							
Gibraltar	Gibraltar pound ² = 100 pence GIP	V V	USD 1 =	GIP 0.78217	GIP 0.74352	GIP 0.74389	GIP 0.76303
			EUR 1 =	GIP 0.84662	GIP 0.86680	GIP 0.87340	GIP 0.88160
Greece							
Athens	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
Grenada							
St George's	East Caribbean dollar = 100 cents	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
	XCD	V, B V, S	EUR 1 = EUR 1 =	XCD 2.9097 XCD 2.9408	XCD 3.1339 XCD 3.1674	XCD 3.1562 XCD 3.1899	XCD 3.1059 XCD 3.1391
Guatemala							
Guatemala City	Quetzal = 100 centavos GTQ	M V	USD 1 =	GTQ 7.75659	GTQ 7.66073	GTQ 7.65709	GTQ 7.65671
			EUR 1 =	GTQ 8.38320	GTQ 8.93088	GTQ 8.99019	GTQ 8.84656
Guinea							
Conakry	Guinean franc GNF	M M	USD 1 =	GNF 8,542.6764	GNF 8,635.9179	GNF 8,649.2314	GNF 8,665.1495
			EUR 1 =	GNF 9,217.4013	GNF 10,083.2980	GNF 10,139.4983	GNF 10,008.2465
Guinea-Bissau							
Bissau	CFA franc	B S	USD 1 =	XOF 604.06	XOF 558.75	XOF 555.00	XOF 564.00
			USD 1 =	XOF 611.06	XOF 565.75	XOF 562.00	XOF 571.00
	XOF	4	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Guyana							
Georgetown	Guyana dollar = 100 cents	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
	GYD	B S	EUR 1 =	GYD 224.44	GYD 242.48	GYD 244.06	GYD 241.15
			EUR 1 =	GYD 227.33	GYD 245.58	GYD 247.18	GYD 244.23

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Haiti							
Port-au-Prince	Gourde = 100 centimes HTG	M	USD 1 =	HTG 131.6611	HTG 130.5055	HTG 130.6125	HTG 130.5749
		V	EUR 1 =	HTG 142.3008	HTG 152.1433	HTG 153.3521	HTG 150.8662
Honduras							
Tegucigalpa	Lempira = 100 centavos	B	USD 1 =	HNL 24.8294	HNL 26.0334	HNL 26.1658	HNL 26.2944
		S	USD 1 =	HNL 24.9535	HNL 26.1636	HNL 26.2966	HNL 26.4259
	V, B	EUR 1 =	HNL 26.8323	HNL 30.3497	HNL 30.7213	HNL 30.3805	
	V, S	EUR 1 =	HNL 26.9665	HNL 30.5015	HNL 30.8748	HNL 30.5325	
Hong Kong							
Hong Kong	Hong Kong dollar = 100 cents	B	USD 1 =	HKD 7.77096	HKD 7.76070	HKD 7.74850	HKD 7.73950
		S	USD 1 =	HKD 7.83277	HKD 7.83180	HKD 7.81010	HKD 7.80110
	B	EUR 1 =	HKD 8.35968	HKD 8.99260	HKD 9.07000	HKD 8.92020	
	S	EUR 1 =	HKD 8.50039	HKD 9.23070	HKD 9.20930	HKD 9.05900	
Hungary							
Budapest	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 365.24	HUF 339.93	HUF 332.69	HUF 335.27
		M	EUR 1 =	HUF 397.17	HUF 396.90	HUF 391.11	HUF 388.14
Iceland							
Reykjavík	Icelandic krona ISK	M	USD 1 =	ISK 137.938	ISK 122.66	ISK 121.28	ISK 125.32
		M	EUR 1 =	ISK 148.980	ISK 143.00	ISK 142.40	ISK 144.80
India 1							
New Delhi	Indian rupee = 100 paise INR	M	USD 1 =	INR 83.6779	INR 87.8514	INR 88.7923	INR 88.7241
		M	EUR 1 =	INR 90.4525	INR 102.4728	INR 104.2220	INR 102.6745
Indonesia							
Jakarta	Indonesian rupiah = 100 sen	B	USD 1 =	IDR 15,778.75	IDR 16,274.22	IDR 16,596.60	IDR 16,556.80
		S	USD 1 =	IDR 15,937.33	IDR 16,437.78	IDR 16,763.40	IDR 16,723.20
	B	EUR 1 =	IDR 17,078.99	IDR 18,948.07	IDR 19,457.85	IDR 19,237.35	
	S	EUR 1 =	IDR 17,255.32	IDR 19,141.79	IDR 19,663.47	IDR 19,432.36	
Iran, Islamic Republic of 1							
Tehran	Iranian rial = 100 dinars IRR	M	USD 1 =	IRR 306,668	IRR 574,773	IRR 586,212	IRR 569,984
		M	EUR 1 =	IRR 330,716	IRR 671,617	IRR 687,611	IRR 664,824

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Iraq							
Baghdad	Iraqi dinar = 1,000 fils	2 B	USD 1 =	IQD 1,300.00	IQD 1,300.00	IQD 1,300.00	IQD 1,300.00
		2 S	USD 1 =	IQD 1,310.00	IQD 1,310.00	IQD 1,310.00	IQD 1,310.00
	IQD	B	EUR 1 =	IQD 1,403.935	IQD 1,515.540	IQD 1,526.330	IQD 1,501.500
S		EUR 1 =	IQD 1,414.735	IQD 1,527.198	IQD 1,538.071	IQD 1,513.050	
Ireland							
Dublin	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
Israel							
Jerusalem	New shekel = 100 agorot ILS	M	USD 1 =	ILS 3.6990	ILS 3.3320	ILS 3.3060	ILS 3.2430
		M	EUR 1 =	ILS 3.9868	ILS 3.8907	ILS 3.8807	ILS 3.7519
Italy							
Rome	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
Jamaica							
Kingston	Jamaican dollar = 100 cents	B	USD 1 =	JMD 155.5810	JMD 159.3144	JMD 159.4700	JMD 159.6108
		S	USD 1 =	JMD 157.1784	JMD 160.9162	JMD 161.0583	JMD 161.3762
	JMD	B	EUR 1 =	JMD 164.3507	JMD 187.1305	JMD 181.2752	JMD 183.5904
S		EUR 1 =	JMD 171.5193	JMD 188.3298	JMD 192.4387	JMD 191.2967	
Japan							
Tokyo	Japanese yen = 100 sen	B	USD 1 =	JPY 150.71	JPY 145.92	JPY 147.88	JPY 153.10
		S	USD 1 =	JPY 152.71	JPY 147.92	JPY 149.88	JPY 155.10
	JPY	B	EUR 1 =	JPY 162.86	JPY 169.97	JPY 172.97	JPY 176.81
S		EUR 1 =	JPY 165.86	JPY 172.97	JPY 175.97	JPY 179.81	
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 0.76318	JOD 0.82489	JOD 0.82914	JOD 0.82093
S		EUR 1 =	JOD 0.76823	JOD 0.83134	JOD 0.83503	JOD 0.82623	
Kazakhstan							
Astana	Tenge = 100 tiyn KZT	M	USD 1 =	KZT 470.22	KZT 538.54	KZT 548.79	KZT 530.07
		M	EUR 1 =	KZT 507.72	KZT 628.31	KZT 643.02	KZT 615.20

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Kenya 1							
Nairobi	Kenya shilling = 100 cents KES	M	USD 1 =	KES 133.8034	KES 129.2424	KES 129.2404	KES 129.2394
		M	EUR 1 =	KES 144.4842	KES 150.7289	KES 151.6507	KES 149.6334
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 1,353.39	KRW 1,377.90	KRW 1,392.30	KRW 1,417.20
		S	USD 1 =	KRW 1,379.85	KRW 1,405.10	KRW 1,419.70	KRW 1,445.20
		B	EUR 1 =	KRW 1,464.07	KRW 1,610.40	KRW 1,633.38	KRW 1,633.96
		S	EUR 1 =	KRW 1,493.64	KRW 1,642.92	KRW 1,666.36	KRW 1,666.96
Kuwait							
Kuwait	Kuwaiti dinar = 1,000 fils KWD	B	USD 1 =	KWD 0.30547	KWD 0.30405	KWD 0.30370	KWD 0.30415
		S	USD 1 =	KWD 0.30894	KWD 0.30765	KWD 0.30730	KWD 0.30775
		B	EUR 1 =	KWD 0.329923	KWD 0.354553	KWD 0.356650	KWD 0.350655
		S	EUR 1 =	KWD 0.333677	KWD 0.358751	KWD 0.360878	KWD 0.354805
Kyrgyzstan							
Bishkek	Kyrgyz som = 100 tyiyn KGS	M	USD 1 =	KGS 87.1555	KGS 87.3913	KGS 87.4019	KGS 87.4500
		M	EUR 1 =	KGS 94.1079	KGS 102.0512	KGS 102.4700	KGS 101.5863
Lao People's Democratic Republic							
Vientiane	Kip LAK	B	USD 1 =	LAK 21,511	LAK 21,525	LAK 21,506	LAK 21,537
		S	USD 1 =	LAK 21,690	LAK 21,785	LAK 21,771	LAK 21,802
		B	EUR 1 =	LAK 23,213	LAK 24,894	LAK 24,982	LAK 24,714
		S	EUR 1 =	LAK 23,481	LAK 25,389	LAK 25,478	LAK 25,205
Latvia							
Riga	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
Lebanon							
Beirut	Lebanese pound = 100 piastres LBP	M	USD 1 =	LBP 83,291.67	LBP 89,500.00	LBP 89,500.00	LBP 89,500.00
		M	EUR 1 =	LBP 86,664.52	LBP 104,562.85	LBP 105,126.70	LBP 103,533.60

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Lesotho ¹							
Maseru	Loti ² = 100 lisente LSL	M	USD 1 =	LSL 18.3334	LSL 17.7353 ▼	LSL 17.2745 ▼	LSL 17.3491 ▼
		M	EUR 1 =	LSL 19.7949	LSL 20.6758 ▼	LSL 20.2820 ▼	LSL 20.0452 ▼
Liberia ¹							
Monrovia	Liberian dollar = 100 cents LRD	B	USD 1 =	LRD 190.4472	LRD 200.0002	LRD 180.5738	LRD 182.4948
		S	USD 1 =	LRD 192.1665	LRD 202.2121	LRD 182.5734	LRD 184.4849
		V, B	EUR 1 =	LRD 205.8920	LRD 233.1602	LRD 212.0117	LRD 210.8545
		V, S	EUR 1 =	LRD 207.7515	LRD 235.7389	LRD 214.3594	LRD 213.1539
Libya							
Tripoli	Libyan dinar = 1,000 dirham LYD	B	USD 1 =	LYD 4.8252	LYD 5.3980	LYD 5.3944	LYD 5.4285
		S	USD 1 =	LYD 4.8494	LYD 5.4250	LYD 5.4215	LYD 5.4557
		B	EUR 1 =	LYD 5.2091	LYD 6.3086	LYD 6.3325	LYD 6.3112
		S	EUR 1 =	LYD 5.2352	LYD 6.3403	LYD 6.3643	LYD 6.3428
Lithuania							
Vilnius	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
Luxembourg							
Luxembourg	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
Macao ¹							
Macao	Pataca = 100 avos MOP	B	USD 1 =	MOP 8.0279	MOP 8.0197	MOP 8.0068	MOP 7.9941
		S	USD 1 =	MOP 8.0541	MOP 8.0459	MOP 8.0330	MOP 8.0203
		B	EUR 1 =	MOP 8.6630	MOP 9.3503	MOP 9.3809	MOP 9.2420
		S	EUR 1 =	MOP 8.7022	MOP 9.3895	MOP 9.4201	MOP 9.2812
Madagascar							
Antananarivo	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 4,527.04	MGA 4,459.66	MGA 4,465.57	MGA 4,487.78
		M	EUR 1 =	MGA 4,866.41	MGA 5,148.72	MGA 5,164.30	MGA 5,157.31
Malawi							
Lilongwe	Malawi kwacha = 100 tambala MWK	B	USD 1 =	MWK 1,708.5447	MWK 1,717.0236	MWK 1,717.0236	MWK 1,717.0236
		S	USD 1 =	MWK 1,742.5000	MWK 1,751.0000	MWK 1,751.0000	MWK 1,751.0000
		B	EUR 1 =	MWK 1,899.8999	MWK 2,062.6416	MWK 2,075.9056	MWK 2,046.3711
		S	EUR 1 =	MWK 1,937.6579	MWK 2,103.4570	MWK 2,116.9835	MWK 2,086.8645
Malaysia							
Kuala Lumpur Seat of government: Putrajaya	Malaysian ringgit = 100 sen MYR	B	USD 1 =	MYR 4.4838	MYR 4.1152	MYR 4.1171	MYR 4.1030
		S	USD 1 =	MYR 4.6603	MYR 4.3038	MYR 4.3119	MYR 4.2970
		B	EUR 1 =	MYR 4.8205	MYR 4.8004	MYR 4.8285	MYR 4.7474
		S	EUR 1 =	MYR 5.0285	MYR 5.0304	MYR 5.0599	MYR 4.9749

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 South African rand.

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Maldives							
Malé	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.40	MVR 15.42	MVR 15.42	MVR 15.42
		V	EUR 1 =	MVR 16.64563	MVR 17.97664	MVR 18.10462	MVR 17.81627
Mali							
Bamako	CFA franc XOF	B	USD 1 =	XOF 604.06	XOF 558.75	XOF 555.00	XOF 564.00
		S	USD 1 =	XOF 611.06	XOF 565.75	XOF 562.00	XOF 571.00
		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 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
Mauritania							
Nouakchott	Ouguiya MRU	M	USD 1 =	MRU 39.69	MRU 39.89	MRU 39.84	MRU 39.89
		M	EUR 1 =	MRU 42.87	MRU 46.56	MRU 46.78	MRU 46.31
Mauritius							
Port Louis	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 45.8459	MUR 45.4614	MUR 45.1879	MUR 45.3464
		S	USD 1 =	MUR 46.7452	MUR 46.3607	MUR 46.0871	MUR 46.2457
		B	EUR 1 =	MUR 49.4847	MUR 52.7695	MUR 52.7255	MUR 52.2175
		S	EUR 1 =	MUR 50.8878	MUR 54.3320	MUR 54.2864	MUR 53.7612
Mexico							
Mexico City	Mexican peso = 100 centavos MXN	M	USD 1 =	MXN 18.3306	MXN 18.6615	MXN 18.3147	MXN 18.5796
		V	EUR 1 =	MXN 20.0271	MXN 21.7556	MXN 21.5033	MXN 21.4669
Moldova, Republic of							
Chisinau	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 17.7905	MDL 16.6380	MDL 16.7322	MDL 17.0295
		M	EUR 1 =	MDL 19.2512	MDL 19.4182	MDL 19.6093	MDL 19.7508
Mongolia							
Ulan Bator	Togrog = 100 mongo MNT	M	USD 1 =	MNT 3,390.47	MNT 3,592.79	MNT 3,592.78	MNT 3,585.29
		M	EUR 1 =	MNT 3,660.28	MNT 4,195.12	MNT 4,220.08	MNT 4,145.13
Morocco							
Rabat	Moroccan dirham = 100 centimes MAD	M	USD 1 =	MAD 9.9426	MAD 9.0187	MAD 9.0947	MAD 9.2843
		M	EUR 1 =	MAD 10.7575	MAD 10.5243	MAD 10.6813	MAD 10.7237

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Mozambique							
Maputo	Metical = 100 centavos	B S	USD 1 =	MZN 63.27	MZN 63.27	MZN 63.27	MZN 63.27
			USD 1 =	MZN 64.54	MZN 64.54	MZN 64.54	
	MZN	B S	EUR 1 =	MZN 68.42	MZN 73.80	MZN 74.20	MZN 73.11
EUR 1 =			MZN 69.79	MZN 75.28	MZN 75.69	MZN 74.58	
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 2,268.39	MMK 2,449.97	MMK 2,467.50	MMK 2,427.81
Namibia ¹							
Windhoek	Namibia dollar = 100 cents NAD	M M	USD 1 =	NAD 18.3812	NAD 17.7208	NAD 17.2548	NAD 17.2951
			EUR 1 =	NAD 19.8448	NAD 20.6688	NAD 20.2427	NAD 20.0138
Nepal							
Kathmandu	Nepalese rupee = 100 paisa	B S	USD 1 =	NPR 133.72	NPR 139.91	NPR 141.72	NPR 141.62
			USD 1 =	NPR 134.32	NPR 140.51	NPR 142.32	NPR 142.22
	NPR	B S	EUR 1 =	NPR 144.41	NPR 163.25	NPR 165.95	NPR 164.39
			EUR 1 =	NPR 145.06	NPR 163.95	NPR 166.66	NPR 165.08
Netherlands							
Amsterdam Seat of government: The Hague	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
New Caledonia ¹							
Nouméa	CFP franc XPF	V 2	XPF 1,000 =	USD 9.07	USD 9.77	USD 9.84	USD 9.68
			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 0.6167	USD 0.5984	USD 0.5885	USD 0.5810
			NZD 1 =	USD 0.5945	USD 0.5800	USD 0.5703	USD 0.5630
	NZD	B S	NZD 1 =	EUR 0.5693	EUR 0.5126	EUR 0.5017	EUR 0.5023
			NZD 1 =	EUR 0.5488	EUR 0.4967	EUR 0.4862	EUR 0.4867
Nicaragua							
Managua	Córdoba = 100 centavos NIO	3 V	USD 1 =	NIO 36.6243	NIO 36.6243	NIO 36.6243	NIO 36.6243
			EUR 1 =	NIO 39.58263	NIO 42.69661	NIO 43.00059	NIO 42.31572

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Niger							
Niamey	CFA franc	B	USD 1 =	XOF 604.06	XOF 558.75	XOF 555.00	XOF 564.00
		S	USD 1 =	XOF 611.06	XOF 565.75	XOF 562.00	XOF 571.00
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Nigeria ¹							
Abuja	Naira = 100 kobo	B	USD 1 =	NGN 1,493.0945	NGN 1,530.5703	NGN 1,474.3473	NGN 1,420.7343
		S	USD 1 =	NGN 1,494.0945	NGN 1,531.5703	NGN 1,475.3473	NGN 1,421.7343
	B	EUR 1 =	NGN 1,614.0252	NGN 1,788.0122	NGN 1,728.3773	NGN 1,639.2432	
	S	EUR 1 =	NGN 1,615.1061	NGN 1,789.1804	NGN 1,729.5496	NGN 1,640.3970	
North Macedonia							
Skopje	North Macedonia denar = 100 deni	B	USD 1 =	MKD 56.6736	MKD 52.4803	MKD 52.3639	MKD 53.0431
		S	USD 1 =	MKD 57.2432	MKD 53.0077	MKD 52.8901	MKD 53.5761
	B	EUR 1 =	MKD 61.2230	MKD 61.1816	MKD 61.3861	MKD 61.2647	
	S	EUR 1 =	MKD 61.8384	MKD 61.7964	MKD 62.0031	MKD 61.8805	
Norway							
Oslo	Norwegian krone = 100 øre	B	USD 1 =	NOK 10.6988	NOK 10.0344	NOK 9.9129	NOK 10.0186
		S	USD 1 =	NOK 10.7928	NOK 10.1284	NOK 10.0069	NOK 10.1126
	B	EUR 1 =	NOK 11.5907	NOK 11.7220	NOK 11.6483	NOK 11.6015	
	S	EUR 1 =	NOK 11.6847	NOK 11.8160	NOK 11.7423	NOK 11.6955	
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 0.4146240	OMR 0.4485504	OMR 0.4504704	OMR 0.4465152	
	S	EUR 1 =	OMR 0.4158289	OMR 0.4501035	OMR 0.4516820	OMR 0.4477165	
Pakistan							
Islamabad	Pakistani rupee = 100 paisa	B	USD 1 =	PKR 278.35	PKR 281.70	PKR 281.25	PKR 280.80
		S	USD 1 =	PKR 278.85	PKR 282.20	PKR 281.75	PKR 281.30
	B	EUR 1 =	PKR 301.00	PKR 328.51	PKR 329.74	PKR 324.86	
	S	EUR 1 =	PKR 301.54	PKR 329.09	PKR 330.32	PKR 325.44	
Panama ¹							
Panama City	Balboa = 100 centésimos PAB	4	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
		V	EUR 1 =	PAB 1.0824	PAB 1.1658	PAB 1.1741	PAB 1.1554
Papua New Guinea							
Port Moresby	Kina = 100 toea	B	PGK 1 =	USD 0.2664	USD 0.2476	USD 0.2463	USD 0.2449
		S	PGK 1 =	USD 0.2514	USD 0.2326	USD 0.2313	USD 0.2299
	B	PGK 1 =	EUR 0.2403	EUR 0.2062	EUR 0.2041	EUR 0.2057	
	S	PGK 1 =	EUR 0.2253	EUR 0.1912	EUR 0.1891	EUR 0.1907	

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Paraguay							
Asunción	Guaraní = 100 céntimos	B S	USD 1 =	PYG 7,561.42	PYG 7,310.96	PYG 6,952.10	PYG 7,091.26
			USD 1 =	PYG 7,571.40	PYG 7,329.94	PYG 6,970.65	PYG 7,102.35
	PYG	V, B V, S	EUR 1 = EUR 1 =	PYG 8,180.76 PYG 8,191.55	PYG 8,523.12 PYG 8,545.24	PYG 8,162.46 PYG 8,184.24	PYG 8,193.24 PYG 8,206.06
Peru							
Lima	Sol = 100 céntimos	B S	USD 1 =	PEN 3.749	PEN 3.530	PEN 3.464	PEN 3.372
			USD 1 =	PEN 3.758	PEN 3.540	PEN 3.476	PEN 3.379
	PEN	B S	EUR 1 =	PEN 3.823	PEN 3.837	PEN 4.109	PEN 3.607
			EUR 1 =	PEN 4.322	PEN 4.359	PEN 4.279	PEN 4.062
Philippines							
Manila	Philippine peso = 100 centavos	B S	USD 1 =	PHP 57.02	PHP 56.60	PHP 57.75	PHP 58.50
			USD 1 =	PHP 57.52	PHP 57.10	PHP 58.25	PHP 59.00
	PHP	B S	EUR 1 = EUR 1 =	PHP 60.5996 PHP 63.4953	PHP 64.9521 PHP 67.8617	PHP 66.5225 PHP 69.5106	PHP 66.7816 PHP 70.1784
Poland							
Warsaw	Polish zloty = 100 groszy PLN	M M	USD 1 =	PLN 3.9799	PLN 3.6559	PLN 3.6315	PLN 3.6751
			EUR 1 =	PLN 4.3042	PLN 4.2684	PLN 4.2692	PLN 4.2543
Portugal							
Lisbon	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
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 3.9340	QAR 4.2435	QAR 4.2737	QAR 4.2057
Romania							
Bucharest	Romanian leu = 100 bani RON	M M	USD 1 =	RON 4.5975	RON 4.3443	RON 4.3247	RON 4.3947
			EUR 1 =	RON 4.9748	RON 5.0722	RON 5.0811	RON 5.0851
Russian Federation							
Moscow	Russian rouble = 100 kopecks RUB	M 3	USD 1 =	RUB 92.6567	RUB 80.3316	RUB 82.8676	RUB 80.5037
			EUR 1 =	RUB 100.4236	RUB 94.0479	RUB 97.1410	RUB 93.3894

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Rwanda							
Kigali	Rwanda franc = 100 centimes	B	USD 1 =	RWF 1,307.13812	RWF 1,440.50500	RWF 1,442.96000	RWF 1,444.87000
		S	USD 1 =	RWF 1,333.27796	RWF 1,450.50500	RWF 1,452.96000	RWF 1,454.87000
	RWF	B	EUR 1 =	RWF 1,411.70158	RWF 1,679.84491	RWF 1,691.14912	RWF 1,671.93132
		S	EUR 1 =	RWF 1,439.93288	RWF 1,691.50641	RWF 1,702.86912	RWF 1,683.50282
Saint Helena, Ascension and Tristan da Cunha							
Jamestown	Saint Helena pound 2 = 100 pence SHP	V	USD 1 =	SHP 0.78217	SHP 0.74352	SHP 0.74389	SHP 0.76303
		V	EUR 1 =	SHP 0.84662	SHP 0.86680	SHP 0.87340	SHP 0.88160
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 2.9097	XCD 3.1339	XCD 3.1562	XCD 3.1059
		V, S	EUR 1 =	XCD 2.9408	XCD 3.1674	XCD 3.1899	XCD 3.1391
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 2.9097	XCD 3.1339	XCD 3.1562	XCD 3.1059
		V, S	EUR 1 =	XCD 2.9408	XCD 3.1674	XCD 3.1899	XCD 3.1391
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 2.9097	XCD 3.1339	XCD 3.1562	XCD 3.1059
		V, S	EUR 1 =	XCD 2.9408	XCD 3.1674	XCD 3.1899	XCD 3.1391
Samoa							
Apia	Tala = 100 sene WST	M	WST 1 =	USD 0.36245	USD 0.35926	USD 0.35879	USD 0.35771
		M	WST 1 =	EUR 0.33557	EUR 0.30850	EUR 0.30592	EUR 0.30919
Sao Tome and Principe							
São Tomé	Dobra = 100 cêntimos	B	USD 1 =	STN 22.6983	STN 20.9832	STN 20.9904	STN 21.2121
		S	USD 1 =	STN 23.0388	STN 21.2980	STN 21.3053	STN 21.5303
	STN	4	EUR 1 =	STN 24.5000	STN 24.5000	STN 24.5000	STN 24.5000
Saudi Arabia							
Riyadh	Saudi riyal = 100 halalah SAR	3	USD 1 =	SAR 3.75	SAR 3.75	SAR 3.75	SAR 3.75
		V	EUR 1 =	SAR 4.05878	SAR 4.37175	SAR 4.40288	SAR 4.33275

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Senegal							
Dakar	CFA franc	B	USD 1 =	XOF 604.06	XOF 558.75	XOF 555.00	XOF 564.00
		S	USD 1 =	XOF 611.06	XOF 565.75	XOF 562.00	XOF 571.00
	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 108.0761	RSD 100.1315	RSD 99.6238	RSD 101.0354
		S	USD 1 =	RSD 108.7265	RSD 100.7341	RSD 100.2234	RSD 101.6434
	B	EUR 1 =	RSD 116.7288	RSD 116.8234	RSD 116.8488	RSD 116.8878	
	RSD	S	EUR 1 =	RSD 117.4313	RSD 117.5264	RSD 117.5520	RSD 117.5912
Seychelles							
Victoria	Seychelles rupee = 100 cents	B	USD 1 =	SCR 14.2700	SCR 14.4310	SCR 14.5380	SCR 14.4418
		S	USD 1 =	SCR 14.6822	SCR 14.8453	SCR 14.9540	SCR 14.9257
	B	EUR 1 =	SCR 15.4681	SCR 17.0410	SCR 17.3852	SCR 16.8406	
	SCR	S	EUR 1 =	SCR 16.0098	SCR 17.4430	SCR 17.6365	SCR 17.4716
Sierra Leone							
Freetown	Leone = 100 cents SLE	M	USD 1 =	SLE 22.57793	SLE 22.63470	SLE 22.68720	SLE 22.56930
		M	EUR 1 =	SLE 24.38877	SLE 26.42280	SLE 26.67480	SLE 26.10910
Singapore ¹							
Singapore	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.3372	SGD 1.2835	SGD 1.2913	SGD 1.3001
		M	EUR 1 =	SGD 1.4440	SGD 1.4969	SGD 1.5139	SGD 1.5037
Sint Maarten (southern part) ¹							
Philipsburg	Netherlands Antillean guilder / Caribbean guilder = 100 cents ANG/XCG ¹	³ B	USD 1 =	ANG 1.78	XCG 1.78	XCG 1.78	XCG 1.78
		³ S	USD 1 =	ANG 1.82	XCG 1.82	XCG 1.82	XCG 1.82
		B	EUR 100 =	ANG 192.51	XCG 207.74	XCG 209.08	XCG 206.09
		S	EUR 100 =	ANG 196.39	XCG 211.93	XCG 213.29	XCG 210.24
Slovakia							
Bratislava	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
Slovenia							
Ljubljana	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
Solomon Islands							
Honiara	Solomon Islands dollar = 100 cents SBD	M	SBD 1 =	USD 0.1183	USD 0.1212	USD 0.1212	USD 0.1212
		M	SBD 1 =	EUR 0.10951	EUR 0.10380	EUR 0.10340	EUR 0.10470

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
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 18.1459	ZAR 17.5112	ZAR 17.0981	ZAR 17.1847
		S	USD 1 =	ZAR 18.5178	ZAR 17.8765	ZAR 17.4618	ZAR 17.5482
	ZAR	B	EUR 1 =	ZAR 19.4884	ZAR 20.3137	ZAR 19.9482	ZAR 19.7031
		S	EUR 1 =	ZAR 20.1495	ZAR 20.9886	ZAR 20.6178	ZAR 20.3664
South Sudan							
Juba	South Sudanese pound = 100 piastres	M	USD 1 =	SSP 2,285.4287	SSP 4,552.6658	SSP 4,576.2666	SSP 4,580.7775
		M	EUR 1 =	SSP 2,462.15795	SSP 5,298.85460	SSP 5,365.67940	SSP 5,322.87035
Spain							
Madrid	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0824	USD 1.1658	USD 1.1741	USD 1.1554
Sri Lanka							
Colombo	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 296.7307	LKR 298.6273	LKR 298.7784	LKR 300.6121
		S	USD 1 =	LKR 306.0578	LKR 306.1596	LKR 306.2994	LKR 308.1077
	LKR	B	EUR 1 =	LKR 318.9054	LKR 346.9201	LKR 348.8910	LKR 346.5503
		S	EUR 1 =	LKR 332.3403	LKR 358.4512	LKR 360.4419	LKR 357.9403
Sudan							
Khartoum	Sudanese pound = 100 piastres	B	USD 1 =	SDG 1,603.50	SDG 2,400.00	SDG 2,400.00	SDG 2,400.00
		S	USD 1 =	SDG 1,615.53	SDG 2,418.00	SDG 2,418.00	SDG 2,418.00
	SDG	B	EUR 1 =	SDG 1,681.64	SDG 2,728.60	SDG 2,739.77	SDG 2,715.53
		S	EUR 1 =	SDG 1,711.38	SDG 2,776.84	SDG 2,788.20	SDG 2,763.54
Suriname							
Paramaribo	Suriname dollar = 100 cents	B	USD 1 =	SRD 32.962	SRD 38.148	SRD 38.145	SRD 38.724
		S	USD 1 =	SRD 33.285	SRD 38.859	SRD 38.411	SRD 38.877
	SRD	B	EUR 1 =	SRD 35.345	SRD 44.541	SRD 44.692	SRD 44.522
		S	EUR 1 =	SRD 35.862	SRD 45.232	SRD 45.619	SRD 45.193
Sweden							
Stockholm	Swedish krona = 100 öre SEK	M	USD 1 =	SEK 10.56137	SEK 9.48276	SEK 9.41700	SEK 9.45560
		M	EUR 1 =	SEK 11.4521	SEK 11.0550	SEK 11.0565	SEK 10.9250

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Switzerland							
Berne	Swiss franc = 100 rappen/centimes CHF	B	USD 1 =	CHF 0.8802	CHF 0.8007	CHF 0.7961	CHF 0.8017
		B	EUR 1 =	CHF 0.9530	CHF 0.9348	CHF 0.9359	CHF 0.9278
Syrian Arab Republic							
Damascus	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 13,133.33	SYP 10,800.00	SYP 11,350.00	SYP 11,770.00
		S	USD 1 =	SYP 13,264.67	SYP 10,900.00	SYP 11,463.50	SYP 11,887.70
	B	EUR 1 =	SYP 14,191.05	SYP 12,611.62	SYP 13,314.69	SYP 13,689.69	
	S	EUR 1 =	SYP 14,332.96	SYP 12,737.74	SYP 13,447.83	SYP 13,826.58	
Tajikistan							
Dushanbe	Somoni = 100 diram TJS	M	USD 1 =	TJS 10.8035	TJS 9.4601	TJS 9.3983	TJS 9.2822
		M	EUR 1 =	TJS 11.6709	TJS 11.0343	TJS 11.0063	TJS 10.7748
Tanzania, United Republic of							
Dodoma Seat of government: Dar es Salaam	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 2,587.3721	TZS 2,453.7624	TZS 2,430.6931	TZS 2,444.0693
		S	USD 1 =	TZS 2,613.2458	TZS 2,478.3000	TZS 2,455.0000	TZS 2,468.5100
	B	EUR 1 =	TZS 2,796.1448	TZS 2,862.3138	TZS 2,856.5505	TZS 2,844.6523	
	S	EUR 1 =	TZS 2,824.7550	TZS 2,890.9370	TZS 2,885.1160	TZS 2,873.0988	
Thailand							
Bangkok	Thai baht = 100 satang THB	B	USD 1 =	THB 35.0998	THB 32.1489	THB 32.1370	THB 32.1813
		S	USD 1 =	THB 35.4254	THB 32.4736	THB 32.4616	THB 32.5070
	B	EUR 1 =	THB 37.6459	THB 37.3320	THB 37.5285	THB 37.1153	
	S	EUR 1 =	THB 38.3582	THB 38.0007	THB 38.1547	THB 37.7587	
Togo							
Lomé	CFA franc XOF	B	USD 1 =	XOF 604.06	XOF 558.75	XOF 555.00	XOF 564.00
		S	USD 1 =	XOF 611.06	XOF 565.75	XOF 562.00	XOF 571.00
	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957	
Tonga							
Nuku'alofa	Pa'anga = 100 seniti TOP	M	TOP 1 =	USD 0.4209	USD 0.4165	USD 0.4150	USD 0.4139
		M	TOP 1 =	EUR 0.3896	EUR 0.3565	EUR 0.3539	EUR 0.3579
Trinidad and Tobago							
Port-of-Spain	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.6984	TTD 6.6732	TTD 6.7368	TTD 6.7012
		S	USD 1 =	TTD 6.7656	TTD 6.7692	TTD 6.7740	TTD 6.7691
	V, B	EUR 1 =	TTD 7.2394	TTD 7.7796	TTD 7.9097	TTD 7.7426	
	V, S	EUR 1 =	TTD 7.3121	TTD 7.8915	TTD 7.9534	TTD 7.8210	

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 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Tunisia							
Tunis	Tunisian dinar = 1,000 millimes	B	USD 1 =	TND 3.1162	TND 2.9218	TND 2.9113	TND 2.9549
		S	USD 1 =	TND 3.1193	TND 2.9248	TND 2.9143	TND 2.9579
	TND	B	EUR 1 =	TND 3.3675	TND 3.4088	TND 3.4191	TND 3.4088
		S	EUR 1 =	TND 3.3709	TND 3.4123	TND 3.4225	TND 3.4123
Turkey							
Ankara	Turkish lira = 100 kuruş	B	USD 1 =	TRY 32.7897	TRY 40.9735	TRY 41.4984	TRY 41.9000
		S	USD 1 =	TRY 32.8488	TRY 41.0473	TRY 41.5732	TRY 41.9755
	TRY	B	EUR 1 =	TRY 35.6346	TRY 47.7444	TRY 48.6479	TRY 48.6582
		S	EUR 1 =	TRY 35.6988	TRY 47.8304	TRY 48.7355	TRY 48.7458
Turkmenistan ¹							
Ashgabat	Turkmen manat = 100 tenge	2	USD 1 =	TMT 3.50	TMT 3.50	TMT 3.50	TMT 3.50
		M	EUR 1 =	TMT 3.7796	TMT 4.0866	TMT 4.1024	TMT 4.0684
Uganda							
Kampala	Uganda shilling	B	USD 1 =	UGX 3,756.04	UGX 3,547.14	UGX 3,485.18	UGX 3,471.95
		S	USD 1 =	UGX 3,766.04	UGX 3,557.14	UGX 3,495.18	UGX 3,481.95
	UGX	B	EUR 1 =	UGX 4,055.47	UGX 4,136.67	UGX 4,090.03	UGX 4,016.35
		S	EUR 1 =	UGX 4,066.26	UGX 4,148.34	UGX 4,101.77	UGX 4,027.92
Ukraine							
Kyiv	Hryvnia = 100 kopyok	M	USD 1 =	UAH 40.1718	UAH 41.2602	UAH 41.3176	UAH 41.9701
		M	EUR 1 =	UAH 43.4694	UAH 48.1341	UAH 48.4408	UAH 48.5132
United Arab Emirates ¹							
Abu Dhabi	United Arab Emirates dirham = 100 fils	2	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
		V	EUR 1 =	AED 3.9749	AED 4.2814	AED 4.3119	AED 4.2432
United Kingdom ¹							
London	Pound sterling = 100 pence	M	GBP 1 =	USD 1.2783	USD 1.3509	USD 1.3462	USD 1.3139
		M	EUR 1 =	GBP 0.8447	GBP 0.8664	GBP 0.8728	GBP 0.8784
United States							
Washington	US dollar = 100 cents	M	EUR 1 =	USD 1.0787	USD 1.1684	USD 1.1733	USD 1.1534
		M	GBP 1 =	USD 1.2780	USD 1.3503	USD 1.3441	USD 1.3151

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)

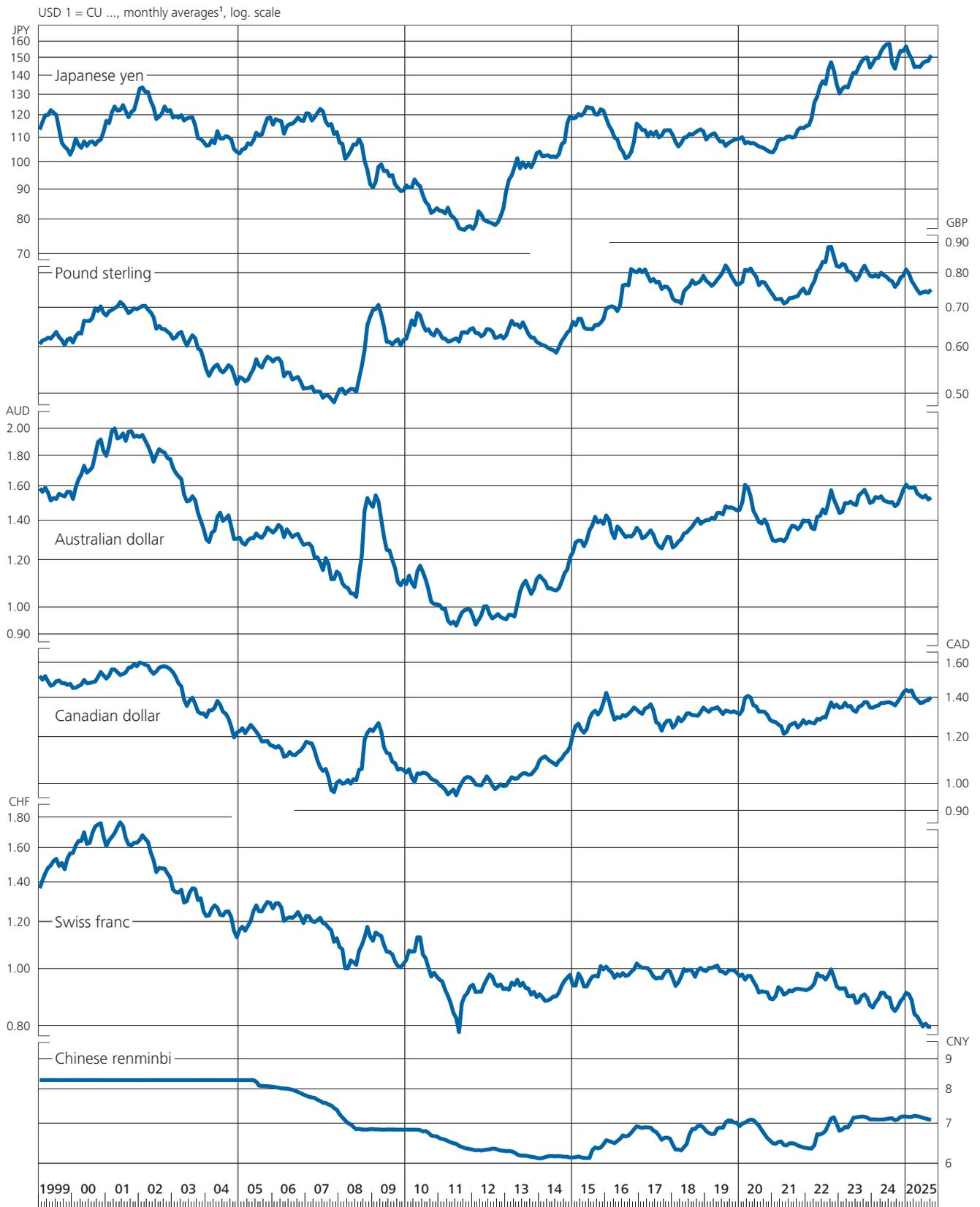
Country 1 Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2024	Rate at end of month		
					August 2025	September 2025	October 2025
Uruguay							
Montevideo	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 40.228	UYU 39.995	UYU 39.845	UYU 39.799
		M	EUR 1 =	UYU 43.5313	UYU 46.7862	UYU 46.7661	UYU 45.8604
Uzbekistan							
Tashkent	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 12,655.13	UZS 12,482.38	UZS 12,067.76	UZS 11,990.53
		M	EUR 1 =	UZS 13,671.02	UZS 14,540.72	UZS 14,141.00	UZS 13,959.38
Vanuatu							
Port Vila	Vatu VUV	B	USD 1 =	VUV 117.28	VUV 116.44	VUV 116.29	VUV 118.45
		S	USD 1 =	VUV 124.74	VUV 123.84	VUV 123.69	VUV 125.99
		B	EUR 1 =	VUV 127.62	VUV 137.02	VUV 137.41	VUV 138.09
		S	EUR 1 =	VUV 132.78	VUV 142.56	VUV 142.96	VUV 143.67
Venezuela, Bolivarian Republic of							
Caracas	Bolívar = 100 céntimos VES	B	USD 1 =	VES 39.127320	VES 148.072890	VES 178.982223	VES 223.402295
		S	USD 1 =	VES 39.225383	VES 148.444000	VES 179.430800	VES 223.962200
		B	EUR 1 =	VES 42.202989	VES 173.227513	VES 209.987313	VES 257.502421
		S	EUR 1 =	VES 42.308761	VES 173.661667	VES 210.513597	VES 258.147790
Viet Nam							
Hanoi	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 24,893	VND 26,162	VND 26,206	VND 26,127
		S	USD 1 =	VND 25,207	VND 26,502	VND 26,446	VND 26,347
		B	EUR 1 =	VND 26,627.25	VND 30,247.49	VND 30,490.26	VND 29,950.91
		S	EUR 1 =	VND 27,810.69	VND 31,523.64	VND 31,776.51	VND 31,214.61
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 26.0987	ZMW 23.5549	ZMW 23.8430	ZMW 22.1786
		S	USD 1 =	ZMW 26.1465	ZMW 23.6049	ZMW 23.8930	ZMW 22.2286
		B	EUR 1 =	ZMW 28.1910	ZMW 27.4791	ZMW 27.9392	ZMW 25.6229
		S	EUR 1 =	ZMW 28.2493	ZMW 27.5280	ZMW 28.0002	ZMW 25.6829
Zimbabwe 1							
Harare	Zimbabwe gold = 100 cents ZWG	M	USD 1 =	ZWG 15.9802 ²	ZWG 26.7548	ZWG 26.6439	ZWG 26.3865
		M	EUR 1 =	ZWG 17.2309 ²	ZWG 31.2015	ZWG 31.2560	ZWG 30.5226

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 With effect from 8 April 2024, a currency changeover took place at a rate of 2,498.7242

Zimbabwe dollar (ZWL) = 1 Zimbabwe gold (ZWG); the exchange rates set in Zimbabwe dollar were converted in this ratio and included in the calculation.

IV. Overview of world currencies*

2. Exchange rates of the US dollar against major currencies



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

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

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

Period	US dollar USD	Euro EUR	Chinese yuan (renminbi) CNY	Japanese yen JPY	Pound sterling GBP	Canadian dollar CAD	Swiss franc CHF	Danish krone DKK	Norwegian krone NOK	Swedish krona SEK
2010	1.54003	1.15966	10.19950	125.436	0.997755	1.54142	1.44702	8.64469	9.06742	10.4761
2011	1.53527	1.18654	9.67352	119.321	0.992989	1.56254	1.44453	8.82099	9.20039	10.6293
2012	1.53692	1.16583	9.66660	133.020	0.953662	1.52954	1.40874	8.69762	8.55432	10.0140
2013	1.54000	1.11732	9.39770	162.162	0.935148	1.63856	1.37291	8.33556	9.41398	10.0229
2014	1.44881	1.19332	8.86525	174.733	0.928247	1.68076	1.43301	8.86611	10.76930	11.3176
2015	1.38573	1.27283	8.99548	167.116	0.935104	1.91785	1.37478	9.47221	12.20690	11.5742
2016	1.34433	1.27534	9.34283	157.018	1.092780	1.80503	1.36826	9.48128	11.58810	12.2295
2017	1.42413	1.18747	9.27343	160.785	1.054020	1.78837	1.38967	8.84056	11.68500	11.7238
2018	1.39079	1.21424	9.53107	154.141	1.095500	1.89153	1.36451	9.06709	12.11060	12.4768
2019	1.38283	1.23588	9.66184	150.894	1.053860	1.80583	1.34362	9.23156	12.16850	12.8879
2020	1.44027	1.18385	9.41203	149.255	1.073230	1.85161	1.28162	8.80553	12.57700	11.9614
2021	1.39959	1.23748	8.91599	159.848	1.041830	1.79808	1.28791	9.20217	12.38880	12.7593
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
2024	1.30413	1.25482	9.51910	204.293	1.039520	1.87535	1.16929	9.35962	14.81560	14.4104
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 Aug.	1.34661	1.21458	9.54153	194.934	1.022290	1.81671	1.14327	9.05945	14.16440	13.7679
2024 Sep.	1.35637	1.21148	9.51158	193.486	1.011730	1.82910	1.14512	9.03277	14.25250	13.6897
2024 Oct.	1.33163	1.22370	9.48074	204.406	1.026110	1.84761	1.12523	9.19329	14.59510	14.2195
2024 Nov.	1.31391	1.24766	9.52798	200.831	1.041880	1.84721	1.15972	9.30536	14.58520	14.3842
2024 Dec.	1.30413	1.25482	9.51910	204.293	1.039520	1.87535	1.16929	9.35962	14.81560	14.4104
2025 Jan.	1.30383	1.25452	9.52653	201.219	1.050580	1.88846	1.18759	9.36093	14.72470	14.3944
2025 Feb.	1.30900	1.25733	9.53552	195.853	1.039260	1.88994	1.18170	9.37761	14.74150	14.0670
2025 Mar.	1.32870	1.22857	9.63558	198.613	1.026850	1.91013	1.17125	9.16666	14.02160	13.3287
2025 Apr.	1.35611	1.19240	9.85037	193.273	1.015280	1.87307	1.11852	8.89965	14.08110	13.0824
2025 May	1.35671	1.19650	9.76324	195.203	1.007060	1.87579	1.11854	8.94182	13.77980	13.0354
2025 June	1.37400	1.17236	9.84504	198.873	1.002740	1.87455	1.09508	8.74692	13.87430	13.0677
2025 July	1.35491	1.18374	9.74478	202.329	1.024310	1.87574	1.10168	8.83377	13.93740	13.2076
2025 Aug.	1.36864	1.17399	9.75829	200.985	1.016630	1.88079	1.09820	8.76286	13.79030	12.9785
2025 Sep.	1.37097	1.16768	9.76324	204.042	1.020260	1.90654	1.09363	8.71665	13.69290	12.9105
2025 Oct.	1.35839	1.17569	9.66333	209.166	1.034650	1.90420	1.09106	8.77971	13.69510	12.8444
2025 Sep. 24	1.37115	1.16634	9.76105	202.656	1.018270	1.90494	1.09007	8.70542	13.63230	12.8706
2025 Sep. 25	1.37054	1.16751	9.76744	203.771	1.019250	1.90875	1.09026	8.71429	13.64700	12.8992
2025 Sep. 26	1.36559	1.16997	9.74279	204.484	1.023260	1.90378	1.09275	8.73240	13.70100	12.9130
2025 Sep. 29	1.36954	1.16825	9.74773	204.226	1.019880	1.90654	1.09207	8.72052	13.64230	12.8858
2025 Sep. 30	1.37097	1.16768	9.76324	204.042	1.020260	.	1.09363	8.71665	13.69290	12.9105
2025 Oct. 1	1.37102	1.16941	.	203.089	1.017870	1.91120	1.09421	8.73065	13.63300	12.9051
2025 Oct. 2	1.37237	1.16758	.	201.972	1.017970	1.91624	1.09159	8.71817	13.63150	12.8463
2025 Oct. 3	1.37102	1.16842	.	201.979	1.019160	1.91299	1.09229	8.72425	13.64070	12.8561
2025 Oct. 6	1.36596	1.16969	.	205.030	1.017550	1.90619	1.09072	8.73362	13.59290	12.8525
2025 Oct. 7	1.36613	1.17104	.	205.521	1.017490	1.90589	1.08895	8.74325	13.58700	12.8223
2025 Oct. 8	1.36326	1.17249	.	207.624	1.016330	1.90202	1.09033	8.75473	13.61550	12.8546
2025 Oct. 9	1.36291	1.17381	9.71383	208.061	1.019340	1.90807	1.09142	8.76455	13.64430	12.8966
2025 Oct. 10	1.36031	1.17592	9.69227	208.140	1.025250	1.90443	1.09627	8.78079	13.73190	12.9445
2025 Oct. 14	1.35958	1.17682	9.70940	207.336	1.024900	1.90966	1.09296	8.78897	13.85410	12.9897
2025 Oct. 15	1.36377	1.17344	9.71713	206.761	1.020440	1.91541	1.09224	8.76401	13.75560	12.9307
2025 Oct. 16	1.36565	1.17233	9.73047	205.694	1.016710	1.91846	1.08856	8.75595	13.75620	12.9109
2025 Oct. 17	1.36767	1.17085	9.74630	205.260	1.018180	1.91953	1.08046	8.74500	13.73320	12.9145
2025 Oct. 20	1.36568	1.17176	9.72772	206.163	1.018410	1.91687	1.08258	8.75113	13.75810	12.8776
2025 Oct. 21	1.36354	1.17476	9.70525	205.895	1.018860	1.91196	1.08333	8.77439	13.70860	12.8454
2025 Oct. 22	1.36166	1.17516	9.70007	206.509	1.022770	1.90578	1.08511	8.77778	13.68240	12.8281
2025 Oct. 23	1.36143	1.17436	9.69753	207.210	1.020830	1.90505	1.08697	8.77170	13.60250	12.8232
2025 Oct. 24	1.36208	1.17300	9.70158	207.881	1.022930	1.90882	1.08476	8.76201	13.62850	12.7904
2025 Oct. 27	1.36431	1.17208	9.70280	208.684	1.021990	1.90935	1.08503	8.75473	13.63370	12.7898
2025 Oct. 28	1.36490	1.17361	9.69124	208.148	1.025630	1.90527	1.08455	8.76593	13.65310	12.8170
2025 Oct. 29	1.36335	1.17167	9.67773	206.684	1.031360	1.89724	1.08686	8.75051	13.63640	12.7665
2025 Oct. 30	1.36001	1.17749	9.66688	207.659	1.031910	1.90224	1.08889	8.79337	13.73520	12.8818
2025 Oct. 31	1.35839	1.17569	9.66333	209.166	1.034650	1.90420	1.09106	8.77971	13.69510	12.8444
2025 Nov. 3	1.35631	1.17797	9.65298	.	1.033100	1.90656	1.09481	8.79662	13.72100	12.8810
2025 Nov. 4	1.35503	1.17921	9.65512	209.121	1.037620	1.90923	1.09690	8.80375	13.82790	12.9554
2025 Nov. 5	1.35471	1.17882	9.65596	207.866	1.039240	1.91284	1.09731	8.80057	13.85000	12.9877
2025 Nov. 6	1.35630	1.17602	9.66109	208.816	1.037360	1.91455	1.09684	8.78164	13.79060	12.9244
2025 Nov. 7	1.35841	1.17499	9.67595	208.108	1.035410	1.91033	1.09474	8.77324	13.84140	12.9790
2025 Nov. 10	1.35856	1.17411	9.67109	209.015	1.031050	1.90470	1.09486	8.76732	13.72350	12.8999
2025 Nov. 11	1.35862	1.17376	9.67502	209.635	1.033290	.	1.08934	8.76539	13.68660	12.8796
2025 Nov. 12	1.35839	1.17346	9.66903	209.532	1.034060	1.90243	1.08536	8.76232	13.67020	12.8371
2025 Nov. 13	1.36014	1.17062	9.65186	210.740	1.034450	1.90665	.	8.74179	13.66570	12.8071
2025 Nov. 14	1.36055	1.16806	9.65838	210.409	1.035580	1.90817	1.07688	8.72288	.	.

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 2023

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 ³ Antigua & Barbuda Dominica Grenada Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines	Bosnia and Herzegovina Bulgaria ²		Brunei Darussalam Macao			
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 ⁵ Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo CAEMC ⁶ Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon	Fiji Libya	Bhutan Eswatini Lesotho Namibia Nepal	Samoa ⁴		
Stabilised arrangement	Guyana Honduras Lebanon Maldives Trinidad and Tobago Ukraine	North Macedonia	Viet Nam ⁷		Bolivia, Plurinational State of ⁷ Guinea ⁷ Myanmar ^{7,9} Papua New Guinea ⁷ Tajikistan ^{7,10,11} Tanzania, United Republic of ⁷	Armenia ⁸ Guatemala ⁷ Romania ^{8,9} Serbia ⁸	Azerbaijan ⁷ Malawi ⁷ Mozambique ^{7,10} Sudan ⁷
Crawling peg	Nicaragua		Botswana				Argentina
Pegged exchange rate within horizontal bands			Morocco				

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2023, 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 The members parti-

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

VI. Global exchange rate arrangements and monetary policy framework *

As of end-April 2023

Exchange rate arrangement	Monetary policy framework						
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework	Other ¹
	Exchange rate anchor						
	US dollar	Euro	Composite	Other			
Crawl-like-arrangement	Cambodia		Singapore ⁹		Afghanistan ^{7,12} Algeria ⁷ Burundi ⁷ Congo, Democratic Republic of the ⁷ Ethiopia ⁷ Gambia ⁷ Nigeria ⁷ Rwanda ⁷	Jamaica ⁷ Kenya ⁷ Mongolia ⁷ Sri Lanka ^{7,11,13} Turkey ⁷ Uzbekistan ^{7,11}	Egypt ^{7,10} Kyrgyzstan ^{7,11} Mauritania ⁷ Tunisia ^{8,10} Zambia ⁷
Other managed arrangement	Iran, Islamic Republic of		Kuwait Syrian Arab Republic ¹⁴		Angola Bangladesh China Sierra Leone Zimbabwe	Dominican Republic ⁹ Ghana	Haiti Lao People's Democratic Republic Pakistan ^{9,10} Solomon Islands South Sudan Tonga Vanuatu Venezuela, Bolivarian Republic of
Floating					Belarus Liberia Madagascar Seychelles Suriname Yemen	Albania Brazil Chile Colombia Costa Rica Czechia Georgia Hungary Iceland India ¹³ Indonesia Israel Kazakhstan Korea, Republic of Mauritius Moldova, Republic of New Zealand Paraguay ¹¹ Peru Philippines South Africa Thailand Uganda Uruguay	Malaysia Switzerland
Free floating						Australia Canada Japan Mexico Norway Poland ¹³ Russian Federation Sweden ¹³ United Kingdom	Somalia ¹⁵ United States Euro area Austria Belgium Croatia Cyprus Estonia Finland France Germany Greece Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain

anchor to the US dollar. ⁸ The country maintains a de facto exchange rate anchor to the euro. ⁹ The exchange rate arrangement or monetary policy framework was reclassified retroactively, overriding a previously published classification. ¹⁰ The central bank is in transition towards inflation targeting. ¹¹ The exchange rate arrangement was re-

classified twice during this reporting period. ¹² As of end-April 2021. ¹³ The monetary policy framework is referred to as "flexible inflation-targeting". ¹⁴ As of end-April 2017. ¹⁵ 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 ¹ Sint Maarten (southern part) ¹	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.

VII. ISO currency codes (cont'd) *

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

* 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/Frameworkfortheeuroforeignexchangererences.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 2023 (see Table VI., pp. 44-45) is based on the IMF's "Annual Report on Exchange Arrangements and Exchange Restrictions 2023", 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

Algeria

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

Argentina

The Central Bank of Argentina decided to introduce a more flexible exchange rate regime within bands, with effect from 14 April 2025. In addition, some of the capital controls that had been in place since September 2019 were lifted. The uniform tax of 30%, which was introduced with effect from 23 December 2024, will now be levied only on the following transactions:

- 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.

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.

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.

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 420 Cuban pesos at the beginning of November 2025.

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

Curaçao

With effect from 31 March 2025, a currency changeover took place at the ratio of 1 Netherlands Antillean guilder (ANG) = 1 Caribbean guilder (XCG).

El Salvador

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

Eswatini

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

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

In addition to the exchange rates published by the central bank, a multiple exchange rate system exists with significantly different exchange rates. We have only incomplete information on the areas of application of said exchange rates.

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.

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).

Nigeria

It is understood that there is a 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.

Singapore

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

Sint Maarten (southern part)

With effect from 31 March 2025, a currency changeover took place at the ratio of 1 Netherlands Antillean guilder (ANG) = 1 Caribbean guilder (XCG).

Somalia

We have no exchange rates for the Somali shilling.

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.

Yemen

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

Zimbabwe

In addition to the Zimbabwe gold, various foreign currencies, including the US dollar, euro, South African rand, pound sterling and Japanese yen, are also authorised as legal tender.