



Exchange rate statistics

March 2024

Statistical Series

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Abbreviations and symbols

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	Data unknown, not to be published or not meaningful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

Discrepancies in the totals are due to rounding.

I. Euro area and exchange rate stability convergence criterion

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

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

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

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

Country Currency ISO currency code	Type of rate	EUR 1 = CU ...							
		From ...							
		1 Jan. 1999	17 Jan. 2000	28 June 2004	2 May 2005	28 Nov. 2005	19 Mar. 2007	29 May 2008	13 July 2020
Denmark	Upper rate	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824
Danish krone	Central rate	¹ 7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038
DKK	Lower rate	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252
Bulgaria	Upper rate	–	–	–	–	–	–	–	2.24920
Bulgarian lev	Central rate	–	–	–	–	–	–	–	² 1.95583
BGN	Lower rate	–	–	–	–	–	–	–	1.66246
Greece	Upper rate	406.075	³ 391.863	–	–	–	–	–	–
Greek drachma	Central rate	¹ 353.109	³ 340.750	–	–	–	–	–	–
GRD	Lower rate	300.143	289.638	–	–	–	–	–	–
Estonia	Upper rate	–	–	17.9936	17.9936	17.9936	17.9936	17.9936	–
Estonian kroon	Central rate	–	–	15.6466	15.6466	15.6466	15.6466	⁴ 15.6466	–
EEK	Lower rate	–	–	13.2996	13.2996	13.2996	13.2996	13.2996	–
Lithuania	Upper rate	–	–	3.97072	3.97072	3.97072	3.97072	3.97072	–
Lithuanian litas	Central rate	–	–	3.45280	3.45280	3.45280	3.45280	⁵ 3.45280	–
LTL	Lower rate	–	–	2.93488	2.93488	2.93488	2.93488	2.93488	–
Slovenia	Upper rate	–	–	275.586	275.586	275.586	–	–	–
Slovenian tolar	Central rate	–	–	239.640	239.640	⁶ 239.640	–	–	–
SIT	Lower rate	–	–	203.694	203.694	203.694	–	–	–
Cyprus	Upper rate	–	–	–	0.673065	0.673065	0.673065	–	–
Cyprus pound	Central rate	–	–	–	0.585274	0.585274	⁷ 0.585274	–	–
CYP	Lower rate	–	–	–	0.497483	0.497483	0.497483	–	–
Latvia	Upper rate	–	–	–	0.808225	0.808225	0.808225	0.808225	–
Latvian lats	Central rate	–	–	–	0.702804	0.702804	0.702804	⁸ 0.702804	–
LVL	Lower rate	–	–	–	0.597383	0.597383	0.597383	0.597383	–
Malta	Upper rate	–	–	–	0.493695	0.493695	0.493695	–	–
Maltese lira	Central rate	–	–	–	0.429300	0.429300	⁷ 0.429300	–	–
MTL	Lower rate	–	–	–	0.364905	0.364905	0.364905	–	–
Slovakia	Upper rate	–	–	–	–	44.2233	40.7588	34.6449	–
Slovak koruna	Central rate	–	–	–	–	38.4550	35.4424	⁹ 30.1260	–
SKK	Lower rate	–	–	–	–	32.6868	30.1260	25.6071	–
Croatia	Upper rate	–	–	–	–	–	–	–	8.66468
Croatian kuna	Central rate	–	–	–	–	–	–	–	¹⁰ 7.53450
HRK	Lower rate	–	–	–	–	–	–	–	6.40433

Source: ECB. * One prerequisite before an EU Member State can join the euro area is that its currency must have observed the normal fluctuation margins of Exchange Rate Mechanism II (the standard fluctuation band is $\pm 15\%$) for at least two years without devaluing against the euro. The Danish krone has a fluctuation band of $\pm 2.25\%$ on either side of the central rate. ¹ According to the EU communiqué of 31 December 1998. ² According to the EU communiqué of 10 July 2020. ³ Until 31 December 2000; accession to the euro area on 1 January 2001. ⁴ Until 31 December 2010; accession to

the euro area on 1 January 2011. ⁵ Until 31 December 2014; accession to the euro area on 1 January 2015. ⁶ Until 31 December 2006; accession to the euro area on 1 January 2007. ⁷ Until 31 December 2007; accession to the euro area on 1 January 2008. ⁸ Until 31 December 2013; accession to the euro area on 1 January 2014. ⁹ Until 31 December 2008; accession to the euro area on 1 January 2009. ¹⁰ Until 31 December 2022; accession to the euro area on 1 January 2023.

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

1. End-of-month and daily rates

EUR 1 = CU ...

		EU member countries						
		Bulgaria	Czechia	Denmark	Hungary	Poland	Romania	Sweden
Period		Bulgarian lev BGN	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	Swedish krona SEK
2023 Feb.		1.9558	23.497	7.4443	377.68	4.7125	4.9200	11.0780
Mar.		1.9558	23.492	7.4485	379.50	4.6700	4.9490	11.2805
Apr.		1.9558	23.502	7.4538	373.78	4.5815	4.9301	11.3515
May		1.9558	23.741	7.4480	370.85	4.5368	4.9695	11.6278
June		1.9558	23.742	7.4474	371.93	4.4388	4.9635	11.8055
July		1.9558	23.900	7.4529	386.93	4.4070	4.9349	11.5895
Aug.		1.9558	24.072	7.4523	380.13	4.4673	4.9420	11.8430
Sep.		1.9558	24.339	7.4571	389.50	4.6283	4.9735	11.5325
Oct.		1.9558	24.558	7.4647	382.13	4.4405	4.9659	11.8275
Nov.		1.9558	24.292	7.4548	380.75	4.3490	4.9718	11.4308
Dec.		1.9558	24.724	7.4529	382.80	4.3395	4.9756	11.0960
2024 Jan.		1.9558	24.891	7.4550	384.90	4.3330	4.9758	11.2682
Feb.		1.9558	25.363	7.4540	393.48	4.3208	4.9706	11.2150
2024 Feb.	19	1.9558	25.455	7.4547	388.40	4.3265	4.9770	11.2370
	20	1.9558	25.429	7.4542	388.28	4.3248	4.9768	11.2185
	21	1.9558	25.380	7.4545	387.98	4.3165	4.9760	11.2075
	22	1.9558	25.309	7.4540	386.88	4.3158	4.9768	11.1740
	23	1.9558	25.354	7.4544	388.47	4.3118	4.9744	11.1545
	26	1.9558	25.367	7.4542	389.53	4.3053	4.9722	11.1675
	27	1.9558	25.332	7.4551	390.20	4.3153	4.9668	11.1805
	28	1.9558	25.352	7.4540	391.95	4.2965	4.9683	11.1920
	29	1.9558	25.363	7.4540	393.48	4.3208	4.9706	11.2150
Mar.	1	1.9558	25.333	7.4543	393.25	4.3180	4.9695	11.1948
	4	1.9558	25.356	7.4539	395.25	4.3220	4.9708	11.2424
	5	1.9558	25.353	7.4542	395.75	4.3248	4.9718	11.2803
	6	1.9558	25.359	7.4544	392.95	4.3018	4.9706	11.2555
	7	1.9558	25.359	7.4552	395.43	4.3020	4.9707	11.1944
	8	1.9558	25.308	7.4547	394.05	4.3065	4.9693	11.1640
	11	1.9558	25.322	7.4552	395.55	4.2805	4.9644	11.1865
	12	1.9558	25.272	7.4571	397.80	4.2865	4.9668	11.1730
	13	1.9558	25.273	7.4573	396.90	4.2860	4.9683	11.1930
	14	1.9558	25.198	7.4568	394.90	4.2935	4.9710	11.2245

		Other European and non-European countries						
		Australia	Brazil	Canada	China	Hong Kong	Iceland	India
Period		Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Yuan (renminbi) CNY	Hong Kong dollar HKD	Icelandic krona ISK	Indian rupee INR
2023 Feb.		1.5760	5.5280	1.4411	7.3663	8.3351	152.30	87.7205
Mar.		1.6268	5.5158	1.4737	7.4763	8.5367	148.30	89.3995
Apr.		1.6664	5.4872	1.4981	7.5979	8.6199	149.10	89.8555
May		1.6497	5.4288	1.4582	7.5926	8.3696	149.70	88.3400
June		1.6398	5.2788	1.4415	7.8983	8.5157	148.70	89.2065
July		1.6436	5.2031	1.4566	7.8808	8.5966	144.30	90.6690
Aug.		1.6785	5.3082	1.4721	7.9196	8.5250	142.30	89.9293
Sep.		1.6339	5.3065	1.4227	7.7352	8.2959	144.90	88.0165
Oct.		1.6739	5.3743	1.4712	7.7686	8.3079	147.50	88.4195
Nov.		1.6542	5.3984	1.4870	7.8008	8.5384	150.70	91.1143
Dec.		1.6263	5.3618	1.4642	7.8509	8.6314	150.50	91.9045
2024 Jan.		1.6468	5.3749	1.4558	7.7789	8.4734	148.30	90.0010
Feb.		1.6684	5.4054	1.4719	7.7888	8.4735	149.30	89.7458
2024 Feb.	19	1.6479	5.3433	1.4522	7.7570	8.4273	148.70	89.4620
	20	1.6457	5.3521	1.4562	7.7718	8.4487	148.30	89.6045
	21	1.6486	5.3253	1.4618	7.7730	8.4544	148.50	89.6320
	22	1.6515	5.3499	1.4618	7.7988	8.4817	148.90	89.8710
	23	1.6467	5.3831	1.4587	7.7972	8.4760	148.50	89.8170
	26	1.6560	5.4111	1.4674	7.8100	8.4898	149.30	89.9375
	27	1.6565	5.3945	1.4650	7.8140	8.4947	149.30	89.9755
	28	1.6639	5.3497	1.4689	7.7807	8.4599	149.30	89.5955
	29	1.6684	5.4054	1.4719	7.7888	8.4735	149.30	89.7458
Mar.	1	1.6637	5.3656	1.4679	7.7837	8.4650	149.50	89.6135
	4	1.6640	5.3718	1.4719	7.8084	8.4861	149.50	89.9399
	5	1.6709	5.3713	1.4747	7.8104	8.4873	149.10	89.9525
	6	1.6667	5.3750	1.4770	7.8281	8.5088	148.90	90.0560
	7	1.6501	5.3835	1.4705	7.8412	8.5215	148.50	90.1205
	8	1.6469	5.4281	1.4701	7.8594	8.5492	149.30	90.4365
	11	1.6546	5.4549	1.4753	7.8471	8.5440	148.90	90.4095
	12	1.6533	5.4425	1.4739	7.8350	8.5405	148.70	90.3560
	13	1.6542	5.4506	1.4756	7.8678	8.5574	148.50	90.5940
	14	1.6529	5.4237	1.4725	7.8564	8.5455	148.50	90.5220

* See Explanatory notes, p. 48.

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

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

EUR 1 = CU ...

Other European and non-European countries (cont'd)								
Period	Indonesia Indonesian rupiah IDR	Israel New shekel ILS	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW	Malaysia Malaysian ringgit MYR	Mexico Mexican peso MXN	New Zealand New Zealand dollar NZD	Norway Norwegian krone NOK
2023 Feb.	16,193.42	3.8821	145.23	1,401.84	4.7653	19.4480	1.7216	10.9713
Mar.	16,300.19	3.9284	144.83	1,420.26	4.7986	19.6392	1.7392	11.3940
Apr.	16,111.90	3.9939	149.35	1,470.89	4.8981	19.8182	1.7864	11.7910
May	16,030.39	3.9713	149.13	1,416.29	4.9307	18.9263	1.7793	12.0045
June	16,384.54	4.0486	157.16	1,435.88	5.0717	18.5614	1.7858	11.7040
July	16,622.65	4.0714	156.73	1,405.49	4.9703	18.4088	1.7773	11.1805
Aug.	16,551.96	4.1293	158.49	1,439.56	5.0428	18.1866	1.8259	11.5800
Sep.	16,383.62	4.0472	158.10	1,425.26	4.9741	18.5030	1.7575	11.2535
Oct.	16,868.28	4.2756	160.30	1,434.66	5.0594	19.1551	1.8224	11.8735
Nov.	16,981.14	4.0597	161.19	1,418.78	5.0933	19.0235	1.7762	11.7200
Dec.	17,079.71	3.9993	156.33	1,433.66	5.0775	18.7231	1.7504	11.2405
2024 Jan.	17,076.29	3.9431	160.19	1,444.63	5.1259	18.5817	1.7705	11.3510
Feb.	17,038.18	3.8736	162.53	1,447.43	5.1375	18.4969	1.7807	11.4920
2024 Feb. 19	16,860.24	3.9074	161.59	1,438.87	5.1585	18.3698	1.7536	11.3045
20	16,916.42	3.9502	162.18	1,440.76	5.1823	18.3792	1.7493	11.3275
21	16,889.77	3.9738	162.12	1,441.77	5.1818	18.4379	1.7479	11.3345
22	16,904.39	3.9607	163.12	1,438.77	5.1796	18.5070	1.7497	11.3560
23	16,907.87	3.9322	162.91	1,440.95	5.1759	18.5089	1.7445	11.3890
26	16,962.54	3.9603	163.38	1,444.46	5.1840	18.5473	1.7560	11.4285
27	16,976.12	3.9342	163.04	1,445.31	5.1696	18.5221	1.7601	11.4310
28	16,983.10	3.8965	162.87	1,445.35	5.1565	18.4801	1.7728	11.4675
29	17,038.18	3.8736	162.53	1,447.43	5.1375	18.4969	1.7807	11.4920
Mar. 1	17,000.09	3.8522	162.82	1,444.21	5.1318	18.4079	1.7764	11.4430
4	17,069.27	3.8775	163.22	1,444.94	5.1231	18.4517	1.7789	11.4325
5	17,079.69	3.9034	163.01	1,447.98	5.1370	18.3924	1.7847	11.4750
6	17,069.52	3.9212	162.67	1,450.41	5.1456	18.3532	1.7812	11.4680
7	17,038.20	3.9092	161.09	1,446.67	5.1266	18.3715	1.7688	11.3940
8	16,979.47	3.9083	160.99	1,441.91	5.1216	18.4282	1.7674	11.3395
11	16,920.93	3.9429	160.43	1,432.46	5.1177	18.3589	1.7705	11.4405
12	16,942.83	3.9921	161.39	1,433.16	5.1060	18.3673	1.7737	11.4673
13	17,039.08	3.9947	161.83	1,439.01	5.1282	18.3472	1.7770	11.4805
14	17,040.71	3.9682	161.70	1,441.24	5.1195	18.2308	1.7748	11.4670

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 Feb.	58.760	1.4314	19.5518	0.9947	37.485	20.0556	0.87701	1.0619
Mar.	59.050	1.4464	19.3275	0.9968	37.111	20.8632	0.87920	1.0875
Apr.	60.923	1.4679	20.1558	0.9839	37.467	21.3608	0.88050	1.0981
May	60.053	1.4467	21.1353	0.9724	37.134	22.1320	0.86405	1.0683
June	60.082	1.4732	20.5785	0.9788	38.482	28.3193	0.85828	1.0866
July	60.522	1.4660	19.5511	0.9619	37.732	29.7126	0.85765	1.1023
Aug.	61.545	1.4686	20.4199	0.9584	38.005	28.9848	0.85718	1.0868
Sep.	59.969	1.4443	19.9813	0.9669	38.679	29.0514	0.86458	1.0594
Oct.	60.295	1.4525	19.9507	0.9607	38.266	30.0455	0.87366	1.0619
Nov.	60.623	1.4602	20.5703	0.9562	38.494	31.5441	0.86368	1.0931
Dec.	61.283	1.4591	20.3477	0.9260	37.973	32.6531	0.86905	1.1050
2024 Jan.	61.023	1.4517	20.3238	0.9348	38.461	32.8984	0.85435	1.0837
Feb.	60.858	1.4570	20.9007	0.9534	38.909	33.8067	0.85655	1.0826
2024 Feb. 19	60.410	1.4503	20.4310	0.9492	38.826	33.2640	0.85448	1.0776
20	60.556	1.4525	20.4673	0.9526	38.941	33.3825	0.85660	1.0802
21	60.480	1.4524	20.3446	0.9510	38.739	33.5149	0.85619	1.0809
22	60.434	1.4552	20.6686	0.9535	38.941	33.6091	0.85625	1.0844
23	60.562	1.4553	20.8672	0.9522	39.013	33.6842	0.85340	1.0834
26	60.874	1.4582	20.9499	0.9546	38.915	33.7742	0.85495	1.0852
27	60.902	1.4584	20.7720	0.9544	38.932	33.8132	0.85620	1.0856
28	60.827	1.4554	20.7857	0.9520	38.898	33.7087	0.85548	1.0808
29	60.858	1.4570	20.9007	0.9534	38.909	33.8067	0.85655	1.0826
Mar. 1	60.672	1.4563	20.7358	0.9582	38.884	33.8944	0.85588	1.0813
4	60.724	1.4570	20.6385	0.9604	38.872	34.1936	0.85583	1.0846
5	60.727	1.4578	20.5862	0.9609	38.861	34.3474	0.85543	1.0849
6	60.731	1.4578	20.5388	0.9619	38.820	34.5173	0.85498	1.0874
7	60.794	1.4549	20.4622	0.9577	38.764	34.6929	0.85445	1.0895
8	60.760	1.4558	20.3805	0.9588	38.776	34.9441	0.85168	1.0932
11	60.497	1.4535	20.4277	0.9594	38.689	34.9650	0.85208	1.0926
12	60.387	1.4546	20.3892	0.9588	38.992	34.9898	0.85458	1.0916
13	60.583	1.4581	20.4535	0.9599	39.036	35.1136	0.85451	1.0939
14	60.503	1.4567	20.3659	0.9616	39.002	35.0946	0.85420	1.0925

* 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	Croatia ¹	Czechia	Denmark	Hungary	Poland	Romania	Sweden
Period	Bulgarian lev BGN	Kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	Swedish krona SEK
2022	1.9558	7.5349	24.566	7.4396	391.29	4.6861	4.9313	10.6296
2023	1.9558	–	24.004	7.4509	381.85	4.5420	4.9467	11.4788
2022 Jan.	1.9558	7.5247	24.470	7.4411	358.68	4.5522	4.9454	10.3579
Feb.	1.9558	7.5338	24.437	7.4408	356.97	4.5487	4.9458	10.5342
Mar.	1.9558	7.5711	25.007	7.4404	376.64	4.7522	4.9482	10.5463
Apr.	1.9558	7.5577	24.435	7.4391	374.87	4.6485	4.9442	10.3175
May	1.9558	7.5356	24.750	7.4405	384.45	4.6485	4.9460	10.4956
June	1.9558	7.5252	24.719	7.4392	396.66	4.6471	4.9444	10.6005
July	1.9558	7.5185	24.594	7.4426	404.10	4.7682	4.9396	10.5752
Aug.	1.9558	7.5138	24.568	7.4393	402.10	4.7233	4.8943	10.5021
Sep.	1.9558	7.5222	24.576	7.4366	404.19	4.7414	4.9097	10.7840
Oct.	1.9558	7.5298	24.528	7.4389	418.31	4.8040	4.9259	10.9503
Nov.	1.9558	7.5426	24.369	7.4387	406.68	4.6964	4.9142	10.8798
Dec.	1.9558	7.5448	24.269	7.4377	407.68	4.6832	4.9224	10.9859
2023 Jan.	1.9558	–	23.958	7.4383	396.03	4.6974	4.9242	11.2051
Feb.	1.9558	–	23.712	7.4447	384.91	4.7415	4.9087	11.1725
Mar.	1.9558	–	23.683	7.4456	385.01	4.6893	4.9263	11.2276
Apr.	1.9558	–	23.437	7.4518	375.34	4.6320	4.9365	11.3370
May	1.9558	–	23.595	7.4485	372.37	4.5345	4.9477	11.3697
June	1.9558	–	23.695	7.4492	370.60	4.4608	4.9600	11.6766
July	1.9558	–	23.892	7.4508	379.04	4.4431	4.9411	11.6343
Aug.	1.9558	–	24.108	7.4522	385.05	4.4601	4.9411	11.8117
Sep.	1.9558	–	24.380	7.4566	386.43	4.5981	4.9656	11.8417
Oct.	1.9558	–	24.584	7.4604	385.33	4.5124	4.9682	11.6472
Nov.	1.9558	–	24.485	7.4581	379.19	4.4020	4.9703	11.5475
Dec.	1.9558	–	24.478	7.4556	381.80	4.3335	4.9707	11.2028
2024 Jan.	1.9558	–	24.716	7.4572	382.04	4.3648	4.9749	11.2834
Feb.	1.9558	–	25.232	7.4550	388.04	4.3256	4.9746	11.2500

Other European and non-European countries								
	Australia	Brazil	Canada	China	Hong Kong	Iceland	India	Indonesia
	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Yuan (renminbi) CNY	Hong Kong dollar HKD	Icelandic krona ISK	Indian rupee INR	Indonesian rupiah IDR
2022	1.5167	5.4399	1.3695	7.0788	8.2451	142.24	82.6864	15,625.25
2023	1.6288	5.4010	1.4595	7.6600	8.4650	149.13	89.3001	16,479.62
2022 Jan.	1.5770	6.2673	1.4282	7.1922	8.8166	146.09	84.2273	16,227.12
Feb.	1.5825	5.8903	1.4422	7.1957	8.8461	141.99	85.0312	16,271.78
Mar.	1.4946	5.4884	1.3950	6.9916	8.6199	143.39	83.9933	15,802.12
Apr.	1.4663	5.1342	1.3652	6.9605	8.4828	139.83	82.4033	15,566.64
May	1.4995	5.2460	1.3588	7.0830	8.3030	138.46	81.7828	15,422.62
June	1.5044	5.3209	1.3537	7.0734	8.2922	138.47	82.5112	15,531.74
July	1.4856	5.4718	1.3180	6.8538	7.9895	139.05	81.0182	15,258.22
Aug.	1.4550	5.2111	1.3078	6.8884	7.9473	140.12	80.5563	15,024.16
Sep.	1.4820	5.1791	1.3187	6.9508	7.7738	140.35	79.4558	14,847.40
Oct.	1.5474	5.1658	1.3477	7.0687	7.7128	141.50	80.9180	15,172.93
Nov.	1.5455	5.3846	1.3708	7.3171	7.9873	146.98	83.3384	15,975.07
Dec.	1.5685	5.5589	1.4379	7.3859	8.2434	150.76	87.3381	16,503.30
2023 Jan.	1.5523	5.6047	1.4474	7.3173	8.4217	154.06	88.1441	16,427.04
Feb.	1.5514	5.5386	1.4400	7.3244	8.4077	153.11	88.5004	16,232.58
Mar.	1.6034	5.5784	1.4649	7.3807	8.4026	149.89	88.1159	16,364.98
Apr.	1.6389	5.4995	1.4792	7.5561	8.6093	149.62	89.9311	16,313.20
May	1.6346	5.4092	1.4687	7.5948	8.5167	150.47	89.4602	16,116.84
June	1.6157	5.2695	1.4414	7.7653	8.4899	149.35	89.1134	16,194.88
July	1.6423	5.3099	1.4618	7.9482	8.6437	146.79	90.8395	16,639.99
Aug.	1.6818	5.3427	1.4703	7.9096	8.5370	143.87	90.3518	16,639.40
Sep.	1.6622	5.2770	1.4458	7.7967	8.3640	144.46	88.7372	16,424.67
Oct.	1.6637	5.3509	1.4474	7.7200	8.2648	146.50	87.8937	16,646.67
Nov.	1.6634	5.2963	1.4828	7.8087	8.4380	151.44	90.0102	16,853.56
Dec.	1.6321	5.3428	1.4653	7.7870	8.5152	150.55	90.8009	16,910.33
2024 Jan.	1.6422	5.3569	1.4631	7.8201	8.5244	149.43	90.6347	17,049.43
Feb.	1.6533	5.3559	1.4564	7.7651	8.4432	148.68	89.5608	16,898.59

* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. ¹ Accession to the euro area on 1 January 2023.

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

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

EUR 1 = CU ...

Other European and non-European countries (cont'd)								
Period	Israel New shekel ILS	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW	Malaysia Malaysian ringgit MYR	Mexico Mexican peso MXN	New Zealand New Zealand dollar NZD	Norway Norwegian krone NOK	Philippines Philippine peso PHP
2022	3.5345	138.03	1,358.07	4.6279	21.1869	1.6582	10.1026	57.314
2023	3.9880	151.99	1,412.88	4.9320	19.1830	1.7622	11.4248	60.163
2022 Jan.	3.5487	130.01	1,353.61	4.7405	23.1891	1.6789	10.0070	58.000
Feb.	3.6452	130.66	1,358.53	4.7492	23.1808	1.6982	10.0544	58.163
Mar.	3.5710	130.71	1,345.66	4.6277	22.6476	1.6049	9.7367	57.415
Apr.	3.5106	136.61	1,337.58	4.6208	21.7206	1.5978	9.6191	56.264
May	3.5758	136.24	1,340.10	4.6344	21.1861	1.6515	10.1453	55.421
June	3.6038	141.57	1,351.47	4.6496	21.1240	1.6640	10.2972	56.756
July	3.5309	139.17	1,332.00	4.5197	20.8955	1.6436	10.1823	56.917
Aug.	3.3408	136.85	1,337.90	4.5233	20.3909	1.6158	9.8309	56.542
Sep.	3.4181	141.57	1,381.71	4.5005	19.8718	1.6691	10.1697	57.074
Oct.	3.4823	144.73	1,403.51	4.6127	19.6481	1.7299	10.3919	57.738
Nov.	3.5488	145.12	1,384.19	4.7002	19.8393	1.6828	10.3357	58.655
Dec.	3.6562	142.82	1,370.59	4.6721	20.7608	1.6660	10.4480	58.888
2023 Jan.	3.7126	140.54	1,341.38	4.6589	20.4573	1.6851	10.7149	59.162
Feb.	3.7975	142.38	1,368.77	4.6794	19.9543	1.7016	10.9529	58.743
Mar.	3.8742	143.01	1,398.25	4.7816	19.7242	1.7242	11.2858	58.581
Apr.	3.9877	146.51	1,452.07	4.8561	19.8195	1.7673	11.5187	60.807
May	3.9863	148.93	1,442.31	4.9119	19.2755	1.7481	11.7330	60.604
June	3.9502	153.15	1,406.43	5.0208	18.6993	1.7686	11.7164	60.475
July	4.0546	155.94	1,419.16	5.0754	18.7085	1.7758	11.3474	60.690
Aug.	4.0861	157.96	1,443.24	5.0294	18.5202	1.8195	11.4127	61.461
Sep.	4.0793	157.80	1,424.53	5.0024	18.4757	1.8012	11.4525	60.665
Oct.	4.2034	158.04	1,427.33	5.0142	19.0882	1.7916	11.6284	59.994
Nov.	4.1118	161.84	1,412.57	5.0667	18.7877	1.8033	11.7958	60.285
Dec.	4.0057	157.21	1,423.13	5.0826	18.7665	1.7556	11.5333	60.593
2024 Jan.	4.0493	159.46	1,447.18	5.1105	18.6268	1.7673	11.3501	61.090
Feb.	3.9345	161.38	1,437.37	5.1468	18.4425	1.7618	11.3843	60.486

Other European and non-European countries (cont'd)								
Period	Russian Federation Russian rouble RUB 1	Singapore Singapore dollar SGD	South Africa South African rand ZAR	Switzerland Swiss franc CHF	Thailand Thai baht THB	Turkey Turkish lira TRY	United Kingdom Pound sterling GBP	United States US dollar USD
2022	–	1.4512	17.2086	1.0047	36.856	17.4088	0.85276	1.0530
2023	–	1.4523	19.9551	0.9718	37.631	25.7597	0.86979	1.0813
2022 Jan.	86.5552	1.5286	17.5286	1.0401	37.607	15.3525	0.83503	1.1314
Feb.	88.8910	1.5274	17.2663	1.0461	37.014	15.4901	0.83787	1.1342
Mar.	–	1.4972	16.5138	1.0245	36.648	16.1233	0.83638	1.1019
Apr.	–	1.4775	16.2796	1.0211	36.559	15.9311	0.83655	1.0819
May	–	1.4621	16.8131	1.0355	36.392	16.5412	0.84969	1.0579
June	–	1.4624	16.6961	1.0245	36.928	17.9599	0.85759	1.0566
July	–	1.4211	17.1606	0.9876	37.028	17.7896	0.84955	1.0179
Aug.	–	1.4016	16.9182	0.9690	36.306	18.2701	0.84499	1.0128
Sep.	–	1.3999	17.3828	0.9640	36.670	18.1465	0.87463	0.9904
Oct.	–	1.4003	17.8214	0.9791	37.286	18.2655	0.87058	0.9826
Nov.	–	1.4144	17.8328	0.9842	37.087	18.9877	0.86892	1.0201
Dec.	–	1.4313	18.3036	0.9865	36.817	19.7613	0.86950	1.0589
2023 Jan.	–	1.4283	18.4320	0.9961	35.840	20.2312	0.88212	1.0769
Feb.	–	1.4262	19.1765	0.9905	36.486	20.1981	0.88550	1.0715
Mar.	–	1.4354	19.5602	0.9908	36.912	20.3491	0.88192	1.0706
Apr.	–	1.4609	19.9205	0.9846	37.549	21.2267	0.88115	1.0968
May	–	1.4555	20.6864	0.9751	37.166	21.4918	0.87041	1.0868
June	–	1.4596	20.3033	0.9764	37.852	25.7697	0.85861	1.0840
July	–	1.4753	20.1074	0.9663	38.243	29.3212	0.85856	1.1058
Aug.	–	1.4735	20.4723	0.9588	38.195	29.3788	0.85892	1.0909
Sep.	–	1.4562	20.2780	0.9600	38.301	28.8643	0.86158	1.0684
Oct.	–	1.4462	20.1390	0.9547	38.549	29.4506	0.86798	1.0563
Nov.	–	1.4575	20.0397	0.9634	38.327	30.9786	0.87045	1.0808
Dec.	–	1.4533	20.3373	0.9441	38.176	31.7243	0.86168	1.0903
2024 Jan.	–	1.4569	20.5161	0.9368	38.401	32.8165	0.85873	1.0905
Feb.	–	1.4513	20.5082	0.9462	38.709	33.2644	0.85466	1.0795

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

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

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

3. End-of-year rates and annual averages

EUR 1 = CU ...

EU member countries									
	Bulgaria	Croatia ¹	Czechia	Denmark	Estonia ¹	Hungary	Latvia ¹	Lithuania ¹	Poland
Period	Bulgarian lev BGN	Kuna HRK	Czech koruna CZK	Danish krone DKK	Estonian kroon EEK	Hungarian forint HUF	Latvian lats LVL	Lithuanian litas LTL	Polish zloty PLN
End of year									
2010	1.9558	7.3830	25.061	7.4535	15.6466	277.95	0.709400	3.4528	3.9750
2011	1.9558	7.5370	25.787	7.4342	–	314.58	0.699500	3.4528	4.4580
2012	1.9558	7.5575	25.151	7.4610	–	292.30	0.697700	3.4528	4.0740
2013	1.9558	7.6265	27.427	7.4593	–	297.04	0.702804	3.4528	4.1543
2014	1.9558	7.6580	27.735	7.4453	–	315.54	–	3.4528	4.2732
2015	1.9558	7.6380	27.023	7.4626	–	315.98	–	–	4.2639
2016	1.9558	7.5597	27.021	7.4344	–	309.83	–	–	4.4103
2017	1.9558	7.4400	25.535	7.4449	–	310.33	–	–	4.1770
2018	1.9558	7.4125	25.724	7.4673	–	320.98	–	–	4.3014
2019	1.9558	7.4395	25.408	7.4715	–	330.53	–	–	4.2568
2020	1.9558	7.5519	26.242	7.4409	–	363.89	–	–	4.5597
2021	1.9558	7.5156	24.858	7.4364	–	369.19	–	–	4.5969
2022	1.9558	7.5365	24.116	7.4365	–	400.87	–	–	4.6808
2023	1.9558	–	24.724	7.4529	–	382.80	–	–	4.3395
Annual averages +									
2010	1.9558	7.2891	25.284	7.4473	15.6466	275.48	0.7087	3.4528	3.9947
2011	1.9558	7.4390	24.590	7.4506	–	279.37	0.7063	3.4528	4.1206
2012	1.9558	7.5217	25.149	7.4437	–	289.25	0.6973	3.4528	4.1847
2013	1.9558	7.5786	25.980	7.4579	–	296.87	0.7015	3.4528	4.1975
2014	1.9558	7.6344	27.536	7.4548	–	308.71	–	3.4528	4.1843
2015	1.9558	7.6137	27.279	7.4587	–	310.00	–	–	4.1841
2016	1.9558	7.5333	27.034	7.4452	–	311.44	–	–	4.3632
2017	1.9558	7.4637	26.326	7.4386	–	309.19	–	–	4.2570
2018	1.9558	7.4182	25.647	7.4532	–	318.89	–	–	4.2615
2019	1.9558	7.4180	25.670	7.4661	–	325.30	–	–	4.2976
2020	1.9558	7.5384	26.455	7.4542	–	351.25	–	–	4.4430
2021	1.9558	7.5284	25.640	7.4370	–	358.52	–	–	4.5652
2022	1.9558	7.5349	24.566	7.4396	–	391.29	–	–	4.6861
2023	1.9558	–	24.004	7.4509	–	381.85	–	–	4.5420

EU member countries (cont'd)		Other European and non-European countries					
Romania	Sweden	Australia	Brazil	Canada	China	Hong Kong	Iceland
Romanian leu RON	Swedish krona SEK	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Yuan (renminbi) CNY	Hong Kong dollar HKD	Icelandic krona ISK ²
End of year							
2010	4.2620	8.9655	1.3136	2.2177	1.3322	8.8220	10.3856
2011	4.3233	8.9120	1.2723	2.4159	1.3215	8.1588	10.0510
2012	4.4445	8.5820	1.2712	2.7036	1.3137	8.2207	10.2260
2013	4.4710	8.8591	1.5423	3.2576	1.4671	8.3491	10.6933
2014	4.4828	9.3930	1.4829	3.2207	1.4063	7.5358	9.4170
2015	4.5240	9.1895	1.4897	4.3117	1.5116	7.0608	8.4376
2016	4.5390	9.5525	1.4596	3.4305	1.4188	7.3202	8.1751
2017	4.6585	9.8438	1.5346	3.9729	1.5039	7.8044	9.3720
2018	4.6635	10.2548	1.6220	4.4440	1.5605	7.8751	8.9675
2019	4.7830	10.4468	1.5995	4.5157	1.4598	7.8205	8.7473
2020	4.8683	10.0343	1.5896	6.3735	1.5633	8.0225	9.5142
2021	4.9490	10.2503	1.5615	6.3101	1.4393	7.1947	8.8333
2022	4.9495	11.1218	1.5693	5.6386	1.4440	7.3582	8.3163
2023	4.9756	11.0960	1.6263	5.3618	1.4642	7.8509	8.6314
Annual averages +							
2010	4.2122	9.5373	1.4423	2.3314	1.3651	8.9712	10.2994
2011	4.2391	9.0298	1.3484	2.3265	1.3761	8.9960	10.8362
2012	4.4593	8.7041	1.2407	2.5084	1.2842	8.1052	9.9663
2013	4.4190	8.6515	1.3777	2.8687	1.3684	8.1646	10.3016
2014	4.4437	9.0985	1.4719	3.1211	1.4661	8.1857	10.3025
2015	4.4454	9.3535	1.4777	3.7004	1.4186	6.9733	8.6014
2016	4.4904	9.4689	1.4883	3.8561	1.4659	7.3522	8.5922
2017	4.5688	9.6351	1.4732	3.6054	1.4647	7.6290	8.8045
2018	4.6540	10.2583	1.5797	4.3085	1.5294	7.8081	9.2559
2019	4.7453	10.5891	1.6109	4.4134	1.4855	7.7355	8.7715
2020	4.8383	10.4848	1.6549	5.8943	1.5300	7.8747	8.8587
2021	4.9215	10.1465	1.5749	6.3779	1.4826	7.6282	9.1932
2022	4.9313	10.6296	1.5167	5.4399	1.3695	7.0788	8.2451
2023	4.9467	11.4788	1.6288	5.4010	1.4595	7.6600	8.4650

* 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 ...

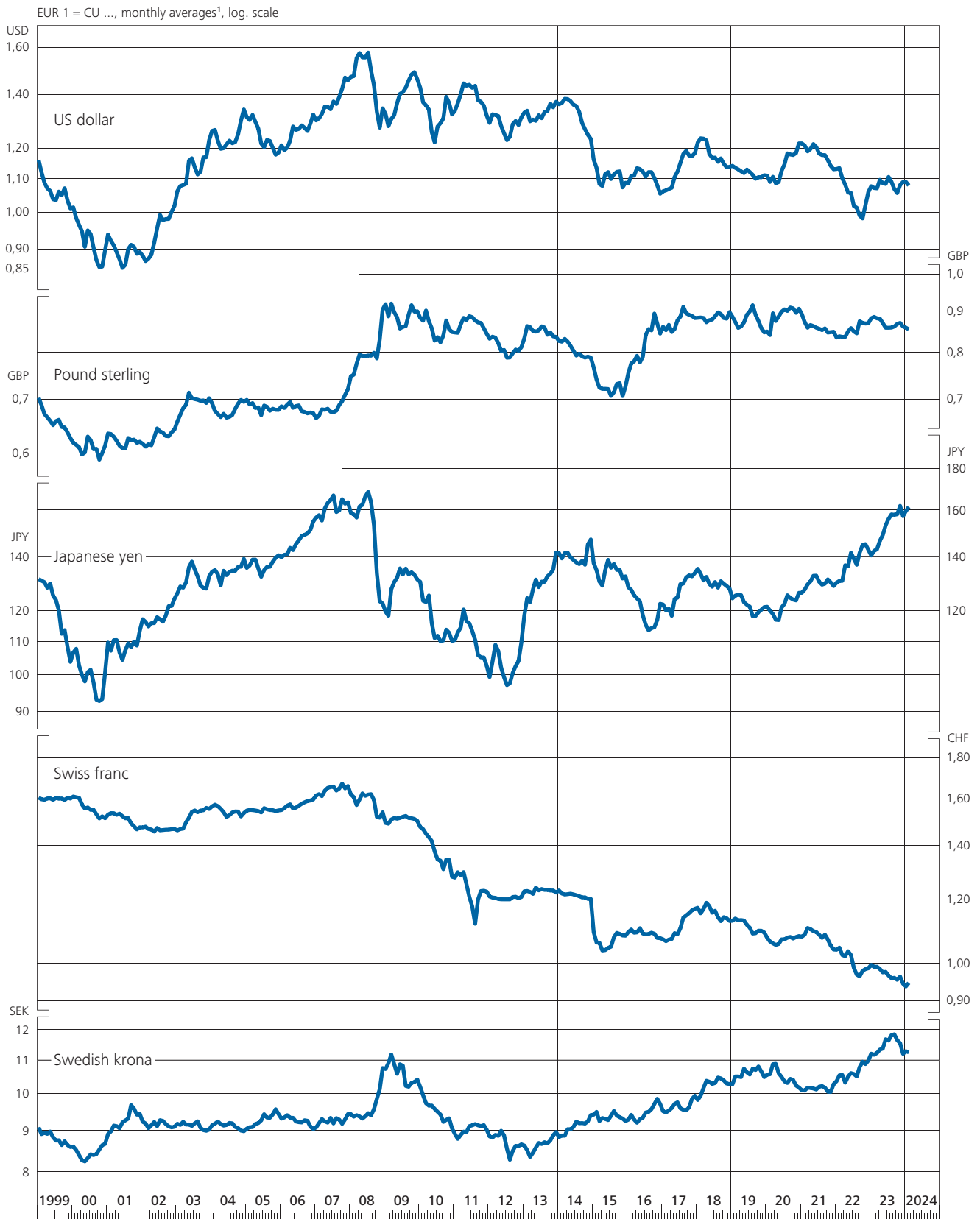
Other European and non-European countries (cont'd)									
	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia	Mexico	New Zealand	Norway
Period	Indian rupee INR	Indonesian rupiah IDR	New shekel ILS †	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN	New Zealand dollar NZD	Norwegian krone NOK
End of year									
2010	59.7580	12,002.14	4.7321	108.65	1,499.06	4.0950	16.5475	1.7200	7.8000
2011	68.7130	11,731.47	4.9453	100.20	1,498.69	4.1055	18.0512	1.6737	7.7540
2012	72.5600	12,713.97	4.9258	113.61	1,406.23	4.0347	17.1845	1.6045	7.3483
2013	85.3660	16,764.78	4.7880	144.72	1,450.93	4.5221	18.0731	1.6762	8.3630
2014	76.7190	15,076.10	4.7200	145.23	1,324.80	4.2473	17.8679	1.5525	9.0420
2015	72.0215	15,039.99	4.2481	131.07	1,280.78	4.6959	18.9145	1.5923	9.6030
2016	71.5935	14,173.43	4.0477	123.40	1,269.36	4.7287	21.7719	1.5158	9.0863
2017	76.6055	16,239.12	4.1635	135.01	1,279.61	4.8536	23.6612	1.6850	9.8403
2018	79.7298	16,500.00	4.2972	125.85	1,277.93	4.7317	22.4921	1.7056	9.9483
2019	80.1870	15,595.60	3.8845	121.94	1,296.28	4.5953	21.2202	1.6653	9.8638
2020	89.6605	17,240.76	3.9447	126.49	1,336.00	4.9340	24.4160	1.6984	10.4703
2021	84.2292	16,100.42	3.5159	130.38	1,346.38	4.7184	23.1438	1.6579	9.9888
2022	88.1710	16,519.82	3.7554	140.66	1,344.09	4.6984	20.8560	1.6798	10.5138
2023	91.9045	17,079.71	3.9993	156.33	1,433.66	5.0775	18.7231	1.7504	11.2405
Annual averages +									
2010	60.5878	12,041.70	4.9457	116.24	1,531.82	4.2668	16.7373	1.8377	8.0043
2011	64.8859	12,206.51	4.9775	110.96	1,541.23	4.2558	17.2877	1.7600	7.7934
2012	68.5973	12,045.73	4.9536	102.49	1,447.69	3.9672	16.9029	1.5867	7.4751
2013	77.9300	13,857.50	4.7948	129.66	1,453.91	4.1855	16.9641	1.6206	7.8067
2014	81.0406	15,748.92	4.7449	140.31	1,398.14	4.3446	17.6550	1.5995	8.3544
2015	71.1956	14,870.39	4.3122	134.31	1,256.54	4.3373	17.6157	1.5930	8.9496
2016	74.3717	14,720.83	4.2489	120.20	1,284.18	4.5835	20.6673	1.5886	9.2906
2017	73.5324	15,118.01	4.0622	126.71	1,276.74	4.8527	21.3286	1.5897	9.3270
2018	80.7332	16,803.22	4.2423	130.40	1,299.07	4.7634	22.7054	1.7065	9.5975
2019	78.8361	15,835.27	3.9901	122.01	1,305.32	4.6374	21.5565	1.6998	9.8511
2020	84.6392	16,627.37	3.9258	121.85	1,345.58	4.7959	24.5194	1.7561	10.7228
2021	87.4392	16,920.72	3.8208	129.88	1,354.06	4.9015	23.9852	1.6724	10.1633
2022	82.6864	15,625.25	3.5345	138.03	1,358.07	4.6279	21.1869	1.6582	10.1026
2023	89.3001	16,479.62	3.9880	151.99	1,412.88	4.9320	19.1830	1.7622	11.4248

Other European and non-European countries (cont'd)									
	Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United Kingdom	United States
Period	Philippine peso PHP	Russian rouble RUB ‡	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY	Pound sterling GBP	US dollar USD
End of year									
2010	58.300	40.8200	1.7136	8.8625	1.2504	40.170	2.0694	0.86075	1.3362
2011	56.754	41.7650	1.6819	10.4830	1.2156	40.991	2.4432	0.83530	1.2939
2012	54.107	40.3295	1.6111	11.1727	1.2072	40.347	2.3551	0.81610	1.3194
2013	61.289	45.3246	1.7414	14.5660	1.2276	45.178	2.9605	0.83370	1.3791
2014	54.436	72.3370	1.6058	14.0353	1.2024	39.910	2.8320	0.77890	1.2141
2015	50.999	80.6736	1.5417	16.9530	1.0835	39.248	3.1765	0.73395	1.0887
2016	52.268	64.3000	1.5234	14.4570	1.0739	37.726	3.7072	0.85618	1.0541
2017	59.795	69.3920	1.6024	14.8054	1.1702	39.121	4.5464	0.88723	1.1993
2018	60.113	79.7153	1.5591	16.4594	1.1269	37.052	6.0588	0.89453	1.1450
2019	56.900	69.9563	1.5111	15.7773	1.0854	33.415	6.6843	0.85080	1.1234
2020	59.125	91.4671	1.6218	18.0219	1.0802	36.727	9.1131	0.89903	1.2271
2021	57.763	85.3004	1.5279	18.0625	1.0331	37.653	15.2335	0.84028	1.1326
2022	59.320	-	1.4300	18.0986	0.9847	36.835	19.9649	0.88693	1.0666
2023	61.283	-	1.4591	20.3477	0.9260	37.973	32.6531	0.86905	1.1050
Annual averages +									
2010	59.739	40.2629	1.8055	9.6984	1.3803	42.014	1.9965	0.85784	1.3257
2011	60.260	40.8846	1.7489	10.0970	1.2326	42.429	2.3378	0.86788	1.3920
2012	54.246	39.9262	1.6055	10.5511	1.2053	39.928	2.3135	0.81087	1.2848
2013	56.428	42.3370	1.6619	12.8330	1.2311	40.830	2.5335	0.84926	1.3281
2014	58.979	50.9518	1.6823	14.4037	1.2146	43.147	2.9065	0.80612	1.3285
2015	50.522	68.0720	1.5255	14.1723	1.0679	38.028	3.0255	0.72584	1.1095
2016	52.556	74.1446	1.5275	16.2645	1.0902	39.043	3.3433	0.81948	1.1069
2017	56.973	65.9383	1.5588	15.0490	1.1117	38.296	4.1206	0.87667	1.1297
2018	62.210	74.0416	1.5926	15.6186	1.1550	38.164	5.7077	0.88471	1.1810
2019	57.985	72.4553	1.5273	16.1757	1.1124	34.757	6.3578	0.87777	1.1195
2020	56.615	82.7248	1.5742	18.7655	1.0705	35.708	8.0547	0.88970	1.1422
2021	58.299	87.1527	1.5891	17.4766	1.0811	37.837	10.5124	0.85960	1.1827
2022	57.314	-	1.4512	17.2086	1.0047	36.856	17.4088	0.85276	1.0530
2023	60.163	-	1.4523	19.9551	0.9718	37.631	25.7597	0.86979	1.0813

* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. † Up to December 2010, ECB indicative rates. ‡ The ECB has suspended the publication of the euro foreign exchange reference rate against the Russian rouble with effect from 2 March 2022.

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

4. Exchange rates of major currencies

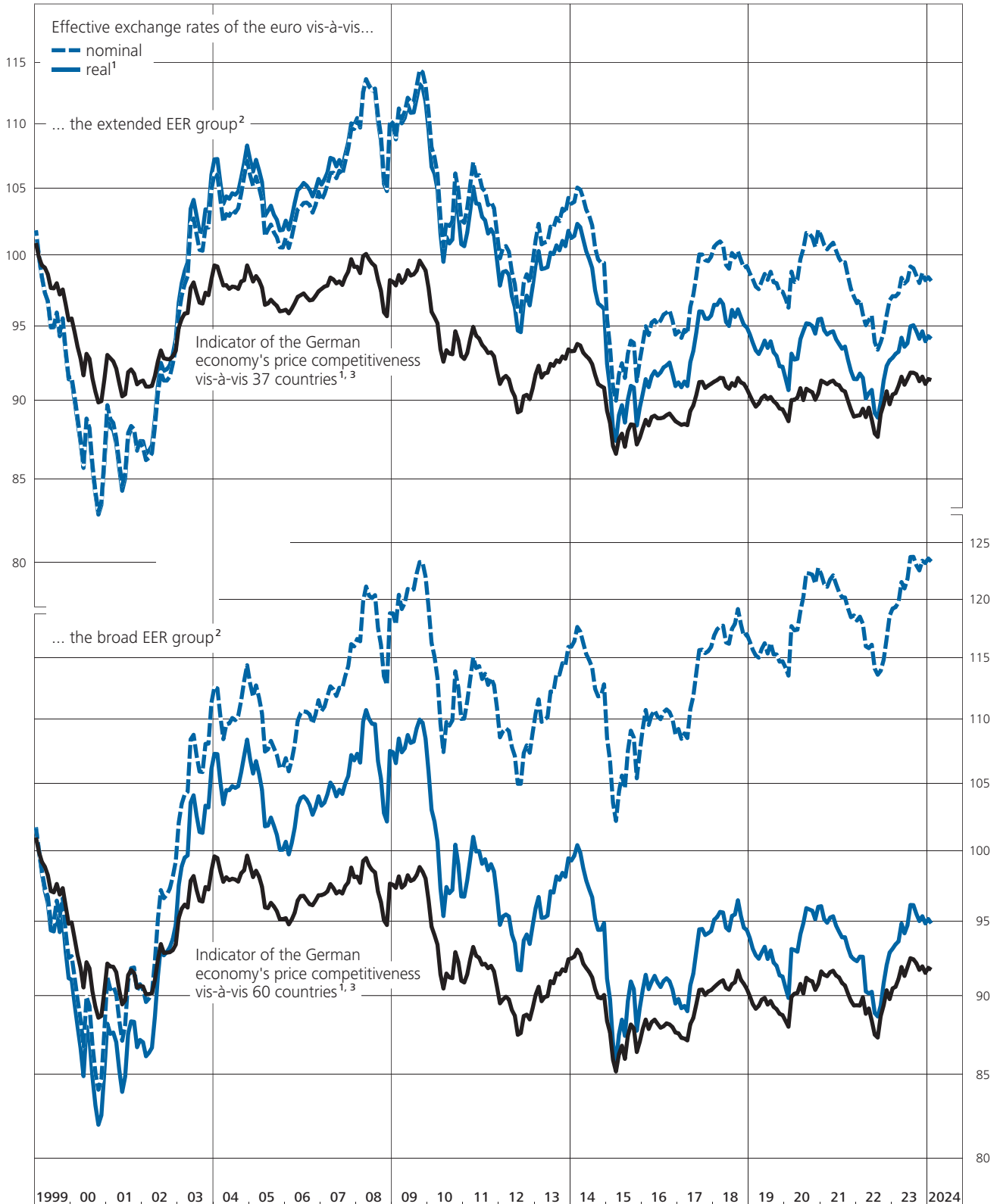


* See explanatory notes, p. 48. ¹ Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB.

III. Effective exchange rates

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

Q1 1999 = 100, monthly averages, log. scale



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

petitiveness. **1** Based on consumer price indices. **2** Includes the 18 respectively 41 most important trading partners of the euro area economy. **3** Includes the 37 respectively 60 most important trading partners of the German economy.

III. Effective exchange rates

2. Effective exchange rates of the euro *

Q1 1999 = 100

Yearly, quarterly or monthly average	Effective exchange rates of the euro vis-à-vis the currencies of the					
	extended EER group of trading partners (fixed composition) ¹			broad EER group of trading partners (fixed composition) ^{2 3}		
	Nominal	In real terms based on consumer price indices	In real terms based on the deflators of gross domestic product	In real terms based on unit labour costs of national economy	Nominal	In real terms based on consumer price indices
1999	96.2	96.1	95.8	96.1	96.5	95.9
2000	87.0	86.8	85.9	85.6	88.0	86.1
2001	87.4	87.1	86.6	84.5	90.1	86.9
2002	89.7	90.3	89.8	88.2	94.4	90.5
2003	100.5	101.6	101.1	99.4	106.5	101.7
2004	104.3	105.6	104.3	102.8	111.0	105.6
2005	102.9	104.3	102.3	101.0	109.1	103.2
2006	102.9	104.3	101.8	100.0	109.3	102.6
2007	106.5	107.3	104.1	101.8	112.9	104.8
2008	110.4	110.3	106.3	105.7	117.8	107.3
2009	111.9	111.1	107.4	109.3	120.8	108.3
2010	104.6	103.3	99.1	101.8	112.1	99.3
2011	104.4	102.4	97.2	100.0	112.9	98.8
2012	98.6	97.0	91.6	94.1	107.6	94.0
2013	102.2	100.1	94.7	97.1	112.4	97.0
2014	102.4	99.5	94.7	97.3	114.7	97.4
2015	92.5	89.6	86.0	86.6	106.1	88.7
2016	95.2	91.6	88.3	p	110.1	90.7
2017	97.5	93.6	89.5	p	112.5	92.0
2018	100.0	95.8	91.1	p	117.3	95.2
2019	98.1	93.3	89.3	p	115.5	92.5
2020	99.7	93.7	90.1	p	119.2	93.9
2021	99.6	93.7	p	p	120.5	94.3
2022	95.3	90.8	p	p	116.1	p
2023	98.1	p	94.0	...	121.8	p
2022 Mar.	95.8	91.5	84.1	...	117.9	p
Apr.	95.0	90.1	84.1	...	116.0	p
May	95.4	90.5	p	82.2	115.8	p
June	95.7	90.7	84.1	p	116.1	p
July	93.9	89.2	84.1	...	114.1	p
Aug.	93.4	88.9	p	82.3	113.6	p
Sep.	93.9	89.9	82.3	p	113.9	p
Oct.	94.5	91.3	82.3	...	114.8	p
Nov.	95.7	92.3	p	84.9	116.6	p
Dec.	96.8	92.6	84.9	p	118.6	p
2023 Jan.	97.1	92.8	84.9	...	119.2	p
Feb.	97.0	93.1	p	86.8	119.3	p
Mar.	97.3	93.2	86.8	p	119.7	p
Apr.	98.4	94.2	86.8	...	121.5	p
May	98.0	93.6	p	88.0	120.9	p
June	98.2	93.8	88.0	p	121.8	p
July	99.2	95.0	88.0	...	123.7	p
Aug.	99.0	95.0	p	88.8	123.7	p
Sep.	98.5	94.6	88.8	p	123.0	p
Oct.	98.0	p	94.1	...	122.5	p
Nov.	98.7	p	94.6	...	123.4	p
Dec.	98.2	p	93.9	...	123.2	p
2024 Jan.	98.4	p	94.3	...	123.6	p
Feb.	98.1	p	94.1	...	123.3	p
2024 Feb. 13	98.1	-	-	-	123.2	-
14	97.8	-	-	-	122.9	-
15	98.0	-	-	-	123.1	-
16	98.2	-	-	-	123.3	-
19	98.1	-	-	-	123.3	-
20	98.3	-	-	-	123.5	-
21	98.3	-	-	-	123.5	-
22	98.4	-	-	-	123.8	-
23	98.4	-	-	-	123.7	-
26	98.5	-	-	-	123.9	-
27	98.6	-	-	-	123.9	-
28	98.3	-	-	-	123.6	-
29	98.5	-	-	-	123.8	-
Mar. 1	98.5	-	-	-	123.7	-
4	98.7	-	-	-	124.0	-
5	98.7	-	-	-	124.0	-
6	98.7	-	-	-	124.1	-
7	98.7	-	-	-	124.1	-
8	98.7	-	-	-	124.2	-
11	98.6	-	-	-	124.1	-
12	98.7	-	-	-	124.2	-
13	98.8	-	-	-	124.4	-
14	98.8	-	-	-	124.3	-

* The weights are based on trade in manufactured goods and services. For information on methodology and grouping of countries, see Explanatory notes, pp. 48-50. A decline in the figures implies an increase in competitiveness. Where current price and wage indices were not available, estimates were used. ¹ Includes 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	99.6	95.7	95.7	97.7	98.3	100.1	96.1	96.1	98.1	97.8		
2000	92.0	97.5	85.5	85.5	91.1	93.1	99.0	86.1	86.1	92.3	91.2		
2001	91.7	96.6	86.0	86.0	90.5	93.0	98.1	86.9	86.9	91.7	91.1		
2002	92.3	95.7	88.4	88.4	91.0	93.5	96.9	89.4	89.4	92.2	91.9		
2003	95.9	94.8	97.5	97.5	95.3	97.0	95.7	99.0	99.0	96.7	96.8		
2004	96.2	93.6	100.0	100.0	95.6	98.5	95.4	102.9	102.9	98.2	98.4		
2005	94.8	92.1	98.8	98.8	93.3	98.5	95.2	103.2	103.2	97.2	96.8		
2006	93.6	90.4	98.2	98.2	91.6	98.6	94.8	104.0	104.0	96.8	96.0		
2007	94.6	89.7	102.1	102.1	92.1	100.9	95.1	109.6	109.6	98.3	97.4		
2008	95.0	88.4	105.3	105.3	91.4	102.4	94.5	114.6	114.6	98.5	97.6		
2009	95.3	89.2	104.7	104.7	92.1	101.9	94.4	113.5	113.5	98.6	97.9		
2010	92.5	88.7	98.3	98.3	88.2	98.8	94.0	105.7	105.7	94.3	92.5		
2011	92.1	88.5	97.7	97.7	87.4	98.2	93.7	104.8	104.8	93.5	91.9		
2012	90.1	88.3	92.6	92.6	84.7	95.9	93.2	99.5	99.5	90.5	88.9		
2013	92.4	88.8	97.6	97.6	86.7	98.1	93.3	105.2	105.2	92.3	90.9		
2014	93.0	89.6	97.9	97.9	87.4	98.2	93.6	104.8	104.8	92.5	91.5		
2015	89.8	90.2	89.1	89.1	83.6	94.3	94.1	94.4	94.4	87.8	86.9		
2016	90.7	90.7	90.7	90.7	85.0	95.0	94.1	96.1	96.1	88.8	88.1		
2017	92.0	90.8	93.6	93.6	85.7	96.3	94.2	99.2	99.2	89.9	88.9		
2018	93.3	91.0	96.6	96.6	86.8	97.7	94.4	102.5	102.5	91.1	90.8		
2019	92.3	91.2	93.9	93.9	85.9	96.4	94.3	99.3	99.3	89.9	89.4		
2020	92.5	91.5	93.9	93.9	86.6	96.4	94.2	99.5	99.5	90.1	90.1		
2021	93.6	91.9	96.0	96.0	86.8	97.4	94.8	101.0	101.0	90.6	90.9		
2022	92.3	91.7	92.9	92.9	85.3	95.9	94.5	97.7	97.7	89.1	89.0		
2023	93.9	92.1	96.5	96.5	87.3	98.0	95.2	101.9	101.9	p 91.3	p 91.6		
2020 Sep.						96.8	93.9	101.0	101.0	90.6	91.0		
Oct.						96.7	93.8	100.8	100.8	90.5	90.9		
Nov.	93.3	91.4	96.0	96.0	87.0	96.5	93.7	100.5	100.5	90.0	90.4		
Dec.						96.9	93.6	101.8	101.8	90.5	90.8		
2021 Jan.						97.9	94.7	102.7	102.7	91.3	91.6		
Feb.	93.5	91.6	96.4	96.4	87.1	98.0	94.9	102.3	102.3	91.2	91.4		
Mar.						97.7	94.8	101.8	101.8	91.1	91.3		
Apr.						97.9	94.9	102.2	102.2	91.2	91.5		
May	93.5	91.5	96.4	96.4	86.8	98.1	95.0	102.5	102.5	91.3	91.6		
June						97.9	95.0	102.0	102.0	91.0	91.3		
July						97.8	95.2	101.3	101.3	91.0	91.2		
Aug.	93.7	92.0	96.2	96.2	87.0	97.4	95.0	100.7	100.7	90.7	90.8		
Sep.						97.3	94.8	100.7	100.7	90.6	90.7		
Oct.						96.7	94.6	99.6	99.6	90.0	90.1		
Nov.	93.6	92.5	95.1	95.1	86.5	96.1	94.3	98.6	98.6	89.4	89.7		
Dec.						95.8	94.1	97.9	97.9	88.9	89.4		
2022 Jan.						96.0	94.2	98.4	98.4	89.0	p 89.4		
Feb.	93.0	91.9	94.3	94.3	85.8	96.1	94.0	98.8	98.8	89.0	p 89.3		
Mar.						96.3	94.4	98.7	98.7	89.4	p 89.9		
Apr.						96.1	94.8	97.8	97.8	88.9	p 88.8		
May	92.3	91.5	93.2	93.2	85.0	96.5	95.2	98.1	98.1	89.5	p 89.2		
June						95.7	94.2	97.6	97.6	88.7	p 88.4		
July						94.8	94.0	95.4	95.4	87.8	p 87.5		
Aug.	91.5	91.5	91.1	91.1	84.6	94.5	93.9	94.9	94.9	87.6	p 87.3		
Sep.						95.9	94.9	96.9	96.9	89.1	p 88.7		
Oct.						96.0	94.6	97.6	97.6	89.7	p 89.4		
Nov.	92.3	91.7	93.1	93.1	85.7	97.0	95.3	99.2	99.2	90.6	p 90.3		
Dec.						96.2	94.1	99.1	99.1	89.7	p 89.8		
2023 Jan.						97.5	95.0	101.0	101.0	90.4	p 90.5		
Feb.	93.3	91.6	95.6	95.6	86.4	97.6	95.0	101.2	101.2	90.5	p 90.6		
Mar.						98.0	95.5	101.7	101.7	91.0	p 91.1		
Apr.						98.5	95.6	102.8	102.8	91.6	p 91.9		
May	93.7	91.9	96.3	96.3	86.9	98.0	95.2	101.9	101.9	91.0	p 91.3		
June						98.3	95.5	102.2	102.2	91.4	p 91.9		
July						98.4	95.3	102.8	102.8	91.8	p 92.5		
Aug.	93.7	91.8	96.4	96.4	87.4	98.3	95.2	102.6	102.6	91.8	p 92.4		
Sep.						98.0	95.3	101.9	101.9	91.7	p 92.1		
Oct.						97.7	95.1	101.3	101.3	p 91.3	p 91.7		
Nov.	94.9	93.1	97.5	97.5	88.6	98.2	95.2	102.5	102.5	p 91.6	p 91.9		
Dec.						97.7	95.0	101.4	101.4	p 91.1	p 91.5		
2024 Jan.						p 97.8	p 95.1	101.6	101.6	p 91.4	p 91.8		
Feb.	...	...	...	...	...	p 97.8	p 95.2	p 101.4	p 101.4	p 91.3	p 91.7

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

economy. ² Includes the 37 respectively 60 most important trading partners for the German economy. ³ As of March 2022, for the Russian Federation a monthly average indicative rate is used. It is calculated from the daily RUB/USD rates determined by the Bank of Russia in conjunction with the respective ECB's euro foreign exchange reference rate to the US dollar.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries

Country 1 Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Afghanistan							
Kabul	Afghani = 100 puls	B	USD 1 =	AFN 81.1828	AFN 70.1112	AFN 75.7019	AFN 72.6550
		S	USD 1 =	AFN 81.2828	AFN 70.2112	AFN 75.8019	AFN 72.7550
	AFN	B	EUR 1 =	AFN 87.5552	AFN 76.8382	AFN 81.5969	AFN 78.2180
		S	EUR 1 =	AFN 87.8152	AFN 77.0982	AFN 81.8569	AFN 78.4780
Albania							
Tirana	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 100.32	ALL 93.94	ALL 95.95	ALL 95.92
		M	EUR 1 =	ALL 108.68	ALL 103.88	ALL 103.90	ALL 103.99
Algeria							
Algiers	Algerian dinar = 100 centimes	B	USD 1 =	DZD 135.8504	DZD 134.3775	DZD 134.4661	DZD 134.4497
		S	USD 1 =	DZD 135.8654	DZD 134.3925	DZD 134.4811	DZD 134.4647
	DZD	B	EUR 1 =	DZD 146.8145	DZD 148.4065	DZD 145.9764	DZD 145.6090
		S	EUR 1 =	DZD 146.8689	DZD 148.4768	DZD 146.0465	DZD 145.6522
Angola							
Luanda	Kwanza = 100 cêntimos AOA	M	USD 1 =	AOA 698.829	AOA 828.800	AOA 828.776	AOA 828.514
		M	EUR 1 =	AOA 757.524	AOA 915.990	AOA 898.808	AOA 897.032
Antigua und Barbuda							
St John's	East Caribbean dollar = 100 cents	2 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		2 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 2.9068	XCD 2.9705	XCD 2.9132	XCD 2.9102
		V, S	EUR 1 =	XCD 2.9378	XCD 3.0022	XCD 2.9443	XCD 2.9413
Argentina 1							
Buenos Aires	Argentine peso = 100 centavos	B	USD 1 =	ARS 294.6068	ARS 805.4500	ARS 823.4000	ARS 839.2000
		S	USD 1 =	ARS 295.2949	ARS 808.4500	ARS 826.4000	ARS 842.2000
	ARS	B	EUR 1 =	ARS 318.5998	ARS 889.3779	ARS 892.4833	ARS 905.4968
		S	EUR 1 =	ARS 320.0821	ARS 894.7116	ARS 897.8010	ARS 910.8393
Armenia							
Yerevan	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 392.40	AMD 404.79	AMD 403.70	AMD 404.16
		M	EUR 1 =	AMD 425.25	AMD 447.90	AMD 437.09	AMD 438.03
Aruba							
Oranjestad	Aruban florin = 100 cents	2 B	USD 1 =	AWG 1.78	AWG 1.78	AWG 1.78	AWG 1.78
		2 S	USD 1 =	AWG 1.80	AWG 1.80	AWG 1.80	AWG 1.80
	AWG	B	EUR 100 =	AWG 192.89	AWG 197.04	AWG 193.05	AWG 193.05
		S	EUR 100 =	AWG 194.83	AWG 199.02	AWG 194.99	AWG 194.99

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

IV. Overview of world currencies *

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

Country 1 Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Australia							
Canberra	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.6644	USD 0.6840	USD 0.6574	USD 0.6519
		M	AUD 1 =	EUR 0.6126	EUR 0.6181	EUR 0.6075	EUR 0.6017
Austria							
Vienna	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826
Azerbaijan							
Baku	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 1.7000	AZN 1.7000	AZN 1.7000	AZN 1.7000
		M	EUR 1 =	AZN 1.8436	AZN 1.8766	AZN 1.8395	AZN 1.8423
Bahamas							
Nassau	Bahamian dollar = 100 cents BSD	2 B	USD 1 =	BSD 0.9950	BSD 0.9950	BSD 0.9950	BSD 0.9950
		2 S	USD 1 =	BSD 1.0125	BSD 1.0125	BSD 1.0125	BSD 1.0125
		V, B	EUR 1 =	BSD 1.07589	BSD 1.09948	BSD 1.07828	BSD 1.07719
		V, S	EUR 1 =	BSD 1.09482	BSD 1.11881	BSD 1.09725	BSD 1.09613
Bahrain							
Manama	Bahraini dinar = 1,000 fils BHD	2	USD 1 =	BHD 0.376081	BHD 0.376081	BHD 0.376081	BHD 0.376081
		M	EUR 1 =	BHD 0.4078804	BHD 0.4165660	BHD 0.4077850	BHD 0.4075400
Bangladesh 1							
Dhaka	Taka = 100 poisha BDT	B	USD 1 =	BDT 106.8750	BDT 109.5000	BDT 109.5000	BDT 109.5000
		S	USD 1 =	BDT 108.5308	BDT 110.0000	BDT 110.0000	BDT 110.0000
		B	EUR 1 =	BDT 115.4373	BDT 121.4136	BDT 118.1067	BDT 118.3257
		S	EUR 1 =	BDT 122.0670	BDT 127.8420	BDT 125.6200	BDT 130.2070
Barbados							
Bridgetown	Barbados dollar = 100 cents BBD	2 B	USD 1 =	BBD 1.99375	BBD 1.99375	BBD 1.99375	BBD 1.99375
		2 S	USD 1 =	BBD 2.02768	BBD 2.02768	BBD 2.02768	BBD 2.02768
		B	EUR 1 =	BBD 2.15904	BBD 2.20181	BBD 2.15781	BBD 2.15821
		S	EUR 1 =	BBD 2.19951	BBD 2.24309	BBD 2.19826	BBD 2.19867
Belarus							
Minsk	Belarusian rouble = 100 kopecks BYN	M	USD 1 =	BYN 3.0148	BYN 3.1775	BYN 3.1771	BYN 3.2391
		M	EUR 1 =	BYN 3.2659	BYN 3.5363	BYN 3.4401	BYN 3.4987

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

IV. Overview of world currencies *

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

Country ¹ Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Belgium							
Brussels	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826
Belize							
Belmopan	Belize dollar = 100 cents	² B	USD 1 =	BZD 1.9927	³ BZD 2.0000	BZD 2.0000	BZD 2.0000
		² S	USD 1 =	BZD 2.0175	BZD 2.0175	BZD 2.0175	BZD 2.0175
	B	EUR 1 =	BZD 2.1479	BZD 2.1915	BZD 2.1528	BZD 2.1486	
	S	EUR 1 =	BZD 2.1859	BZD 2.2301	BZD 2.1908	BZD 2.1866	
Benin ¹							
Porto-Novo Seat of government: Cotonou	CFA franc	B	USD 1 =	XOF 601.85	XOF 589.25	XOF 602.75	XOF 602.25
		S	USD 1 =	XOF 608.85	XOF 596.25	XOF 609.75	XOF 609.25
	XOF	4	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Bermuda							
Hamilton	Bermudian dollar = 100 cents	² B	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
		² S	USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
	V, B	EUR 1 =	BMD 1.0770	BMD 1.1006	BMD 1.0794	BMD 1.0783	
	V, S	EUR 1 =	BMD 1.0859	BMD 1.1098	BMD 1.0884	BMD 1.0873	
Bhutan ¹							
Thimphu	Ngultrum = 100 chhetrum	B	USD 1 =	BTN 81.96	BTN 83.01	BTN 82.92	BTN 82.72
		S	USD 1 =	BTN 83.90	BTN 84.50	BTN 84.45	BTN 84.25
	B	EUR 1 =	BTN 88.75	BTN 91.75	BTN 89.78	BTN 89.35	
	S	EUR 1 =	BTN 90.50	BTN 93.00	BTN 91.05	BTN 90.65	
Bolivia, Plurinational State of							
Sucre Seat of government: La Paz	Boliviano = 100 centavos	B	USD 1 =	BOB 6.86	BOB 6.86	BOB 6.86	BOB 6.86
		S	USD 1 =	BOB 6.96	BOB 6.96	BOB 6.96	BOB 6.96
	V, B	EUR 1 =	BOB 7.4183	BOB 7.5803	BOB 7.4342	BOB 7.4266	
	V, S	EUR 1 =	BOB 7.5265	BOB 7.6908	BOB 7.5426	BOB 7.5349	
Bosnia and Herzegovina							
Sarajevo	Convertible marka = 100 feninga	B	USD 1 =	BAM 1.800222	BAM 1.765557	BAM 1.798765	BAM 1.805089
		S	USD 1 =	BAM 1.809246	BAM 1.774407	BAM 1.807781	BAM 1.814137
	BAM	4	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583
Botswana							
Gaborone	Pula = 100 thebe	B	BWP 1 =	USD 0.0748	USD 0.0747	USD 0.0736	USD 0.0725
		S	BWP 1 =	USD 0.0746	USD 0.0745	USD 0.0734	USD 0.0723
	B	BWP 1 =	EUR 0.0696	EUR 0.0676	EUR 0.0679	EUR 0.0669	
	S	BWP 1 =	EUR 0.0694	EUR 0.0674	EUR 0.0677	EUR 0.0668	

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

the US dollar. ³ Adjustment of the fixed value with effect from 1 June 2023. ⁴ Value against the euro.

IV. Overview of world currencies *

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

Country ¹ Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Brazil							
Brasília	Brazilian real = 100 centavos	B	USD 1 =	BRL 4.9947	BRL 4.8407	BRL 4.9529	BRL 4.9827
		S	USD 1 =	BRL 4.9953	BRL 4.8413	BRL 4.9535	BRL 4.9833
	BRL	B	EUR 1 =	BRL 5.3932	BRL 5.3490	BRL 5.3793	BRL 5.3913
		S	EUR 1 =	BRL 5.3952	BRL 5.3516	BRL 5.3805	BRL 5.3939
Brunei Darussalam ¹							
Bandar Seri Begawan	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3322	BND 1.3110	BND 1.3306	BND 1.3368
		S	USD 1 =	BND 1.3496	BND 1.3283	BND 1.3486	BND 1.3548
	BND	B	EUR 1 =	BND 1.4298	BND 1.4359	BND 1.4268	BND 1.4326
		S	EUR 1 =	BND 1.4837	BND 1.4896	BND 1.4812	BND 1.4870
Bulgaria							
Sofia	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.80931	BGN 1.76998	BGN 1.80477	BGN 1.80660
		²	EUR 1 =	BGN 1.95583	BGN 1.95583	BGN 1.95583	BGN 1.95583
Burkina Faso ¹							
Ouagadougou	CFA franc	B	USD 1 =	XOF 601.85	XOF 589.25	XOF 602.75	XOF 602.25
		S	USD 1 =	XOF 608.85	XOF 596.25	XOF 609.75	XOF 609.25
	XOF	²	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Burundi							
Gitega	Burundi franc = 100 centimes	B	USD 1 =	BIF 2,564.4556	BIF 2,833.2611	BIF 2,837.9334	BIF 2,842.2784
		S	USD 1 =	BIF 2,605.8178	BIF 2,878.9589	BIF 2,883.7066	BIF 2,888.1216
	BIF	B	EUR 1 =	BIF 2,779.4071	BIF 3,134.5784	BIF 3,070.7859	BIF 3,079.7508
		S	EUR 1 =	BIF 2,824.2363	BIF 3,185.1362	BIF 3,120.3147	BIF 3,129.4242
Cabo Verde							
Praia	Cabo Verde escudo = 100 centavos	B	USD 1 =	CVE 101.552	CVE 99.112	CVE 101.563	CVE 101.921
		S	USD 1 =	CVE 101.754	CVE 99.314	CVE 101.765	CVE 102.123
	CVE	²	EUR 1 =	CVE 110.265	CVE 110.265	CVE 110.265	CVE 110.265
Cambodia							
Phnom Penh	Riel = 100 sen KHR	M	USD 1 =	KHR 4,109	KHR 4,085	KHR 4,083	KHR 4,069
		B	EUR 1 =	KHR 4,451	KHR 4,541	KHR 4,419	KHR 4,401
	S	EUR 1 =	KHR 4,495	KHR 4,586	KHR 4,464	KHR 4,445	
Cameroon ¹							
Yaoundé	CFA franc	B	USD 1 =	XAF 600.8986	XAF 587.8881	XAF 602.4898	XAF 602.3647
		S	USD 1 =	XAF 606.2977	XAF 593.8090	XAF 606.9180	XAF 605.0371
	XAF	²	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Canada							
Ottawa	Canadian dollar = 100 cents CAD	M	USD 1 =	CAD 1.3497	CAD 1.3226	CAD 1.3397	CAD 1.3570
		M	EUR 1 =	CAD 1.4599	CAD 1.4626	CAD 1.4532	CAD 1.4680

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

IV. Overview of world currencies *

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

Country ¹ Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Cayman Islands							
George Town	Cayman Islands dollar = 100 cents KYD	2	KYD 1 =	USD 1.20	USD 1.20	USD 1.20	USD 1.20
		V	EUR 1 =	KYD 0.9011	KYD 0.9208	KYD 0.9031	KYD 0.9022
Central African Republic ¹							
Bangui	CFA franc XAF	B	USD 1 =	XAF 600.8986	XAF 587.8881	XAF 602.4898	XAF 602.3647
		S	USD 1 =	XAF 606.2977	XAF 593.8090	XAF 606.9180	XAF 605.0371
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chad ¹							
N'Djaména	CFA franc XAF	B	USD 1 =	XAF 600.8986	XAF 587.8881	XAF 602.4898	XAF 602.3647
		S	USD 1 =	XAF 606.2977	XAF 593.8090	XAF 606.9180	XAF 605.0371
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chile							
Santiago	Chilean peso = 100 centavos CLP	M	USD 1 =	CLP 839.07	CLP 884.59	CLP 932.66	CLP 980.19
		M	EUR 1 =	CLP 907.21	CLP 979.40	CLP 1,011.12	CLP 1,062.54
China							
Beijing	Chinese renminbi ⁴ 1 yuan (renminbi) = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 7.0467	CNY 7.0827	CNY 7.1039	CNY 7.1036
		M	EUR 1 =	CNY 7.6689	CNY 7.8592	CNY 7.7153	CNY 7.7249
		M	HKD 1 =	CNY 0.89935	CNY 0.90622	CNY 0.90878	CNY 0.90753
China (Taiwan)							
Taipei	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 31.145	TWD 30.655	TWD 31.240	TWD 31.530
		S	USD 1 =	TWD 32.495	TWD 30.755	TWD 31.340	TWD 31.630
		B	EUR 1 =	TWD 33.54	TWD 33.78	TWD 33.65	TWD 34.02
S	EUR 1 =	TWD 33.94	TWD 34.18	TWD 34.05	TWD 34.42		
Colombia							
Bogotá	Colombian peso = 100 centavos COP	M	USD 1 =	COP 4,326.74	COP 3,822.05	COP 3,925.60	COP 3,933.56
		V	EUR 1 =	COP 4,677.670	COP 4,223.365	COP 4,254.173	COP 4,258.472
Comoros							
Moroni	Comorian franc = 100 centimes KMF	V	USD 1 =	KMF 454.97804	KMF 445.21968	KMF 453.97043	KMF 454.43169
		3	EUR 1 =	KMF 491.96775	KMF 491.96775	KMF 491.96775	KMF 491.96775
Congo ¹							
Brazzaville	CFA franc XAF	B	USD 1 =	XAF 600.8986	XAF 587.8881	XAF 602.4898	XAF 602.3647
		S	USD 1 =	XAF 606.2977	XAF 593.8090	XAF 606.9180	XAF 605.0371
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957

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

the US dollar. ³ Value against the euro. ⁴ Currency amounts are denoted using the designation yuan (renminbi).

IV. Overview of world currencies *

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

Country 1 Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Congo, Democratic Republic of the							
Kinshasa	Congo franc = 100 centimes	B	USD 1 =	CDF 2,303.1701	CDF 2,626.0095	CDF 2,679.9903	CDF 2,712.3210
		S	USD 1 =	CDF 2,397.1771	CDF 2,733.1936	CDF 2,789.3776	CDF 2,823.0280
	CDF	B	EUR 1 =	CDF 2,494.6913	CDF 2,917.8916	CDF 2,909.3854	CDF 2,936.1137
S		EUR 1 =	CDF 2,596.5154	CDF 3,036.9892	CDF 3,028.1358	CDF 3,055.9551	
Cook Islands ¹							
Avarua	Cook Islands dollar ² = 100 cents NZD	B	NZD 1 =	EUR 0.5770	EUR 0.5844	EUR 0.5761	EUR 0.5745
		S	NZD 1 =	EUR 0.5551	EUR 0.5623	EUR 0.5544	EUR 0.5528
Costa Rica							
San José	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 538.34	CRC 519.21	CRC 513.02	CRC 509.87
		S	USD 1 =	CRC 545.32	CRC 526.88	CRC 519.79	CRC 516.34
	CRC	V, B	EUR 1 =	CRC 582.8988	CRC 573.7271	CRC 555.9598	CRC 551.9853
		V, S	EUR 1 =	CRC 590.4537	CRC 582.2024	CRC 563.2964	CRC 558.9897
Côte d'Ivoire ¹							
Yamoussoukro Seat of government: Abidjan	CFA franc	B	USD 1 =	XOF 601.85	XOF 589.25	XOF 602.75	XOF 602.25
		S	USD 1 =	XOF 608.85	XOF 596.25	XOF 609.75	XOF 609.25
	XOF	3	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Croatia							
Zagreb	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826
Cuba ¹							
Havana	Cuban peso = 100 centavos CUP	4 5	USD 1 =	CUP 24.00	CUP 24.00	CUP 24.00	CUP 24.00
		5	EUR 1 =	CUP 25.9864	CUP 26.5608	CUP 26.0328	CUP 25.9332
		6	USD 1 =	CUP 120.00	CUP 120.00	CUP 120.00	CUP 120.00
		6	EUR 1 =	CUP 129.9320	CUP 132.8040	CUP 130.1640	CUP 129.6660
Curaçao							
Willemstad	Netherlands Antillean guilder = 100 cents	4 B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		4 S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B S	EUR 100 = EUR 100 =	ANG 192.90 ANG 196.79	ANG 197.04 ANG 201.01	ANG 193.05 ANG 196.94	ANG 193.05 ANG 196.94
Cyprus							
Nicosia	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826
Czechia							
Prague	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 22.210	CZK 22.376	CZK 22.935	CZK 23.427
		M	EUR 1 =	CZK 23.971	CZK 24.725	CZK 24.885	CZK 25.360

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

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

IV. Overview of world currencies *

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

Country ¹ Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Denmark							
Copenhagen	Danish krone = 100 øre DKK	M	USD 100 =	DKK 689.26	DKK 674.47	DKK 687.92	DKK 688.53
		M	EUR 100 =	DKK 745.13	DKK 745.29	DKK 745.50	DKK 745.40
Djibouti							
Djibouti	Djibouti franc = 100 centimes DJF	2 B	USD 1 =	DJF 176.83	DJF 176.83	DJF 176.83	DJF 176.83
		2 S	USD 1 =	DJF 179.50	DJF 179.50	DJF 179.50	DJF 179.50
		B	EUR 1 =	DJF 189.80	DJF 192.71	DJF 189.56	DJF 190.09
		S	EUR 1 =	DJF 197.54	DJF 202.23	DJF 196.96	DJF 197.51
Dominica							
Roseau	East Caribbean dollar = 100 cents XCD	2 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		2 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
		V, B	EUR 1 =	XCD 2.9068	XCD 2.9705	XCD 2.9132	XCD 2.9102
		V, S	EUR 1 =	XCD 2.9378	XCD 3.0022	XCD 2.9443	XCD 2.9413
Dominican Republic							
Santo Domingo	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 55.2360	DOP 57.0817	DOP 57.8083	DOP 57.8261
		S	USD 1 =	DOP 56.4645	DOP 58.2522	DOP 59.0109	DOP 59.0283
		B	EUR 1 =	DOP 59.3586	DOP 62.4851	DOP 62.4123	DOP 62.0069
		S	EUR 1 =	DOP 62.8987	DOP 66.2619	DOP 66.3187	DOP 65.9743
Egypt ¹							
Cairo	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 30.64	EGP 30.75	EGP 30.75	EGP 30.75
		S	USD 1 =	EGP 30.74	EGP 30.85	EGP 30.85	EGP 30.85
		B	EUR 1 =	EGP 33.1023	EGP 33.9326	EGP 33.2315	EGP 33.2807
		S	EUR 1 =	EGP 33.4357	EGP 34.1941	EGP 33.4938	EGP 33.4908
El Salvador ¹							
San Salvador	El Salvador colón = 100 centavos SVC	2	USD 1 =	SVC 8.75	SVC 8.75	SVC 8.75	SVC 8.75
		V	EUR 1 =	SVC 9.4614	SVC 9.6688	SVC 9.4824	SVC 9.4728
Equatorial Guinea ¹							
Malabo	CFA franc XAF	B	USD 1 =	XAF 600.8986	XAF 587.8881	XAF 602.4898	XAF 602.3647
		S	USD 1 =	XAF 606.2977	XAF 593.8090	XAF 606.9180	XAF 605.0371
		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 16.2843	ERN 16.6800	ERN 16.2390	ERN 16.2780
		S	EUR 1 =	ERN 16.9205	ERN 17.3162	ERN 16.8752	ERN 16.9142
Estonia							
Tallinn	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826

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 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Eswatini 1							
Mbabane	Lilangeni = 100 cents	B	USD 1 =	SZL 18.4738	SZL 18.3406	SZL 19.1072	SZL 19.1941
		S	USD 1 =	SZL 18.4834	SZL 18.3539	SZL 19.1196	SZL 19.2004
	SZL	B	EUR 1 =	SZL 20.0371	SZL 20.3718	SZL 20.8289	SZL 20.8133
		S	EUR 1 =	SZL 20.0500	SZL 20.3907	SZL 20.8469	SZL 20.8222
Ethiopia							
Addis Ababa	Birr = 100 cents	B	USD 1 =	ETB 54.7070	ETB 55.9969	ETB 56.1663	ETB 56.4624
		S	USD 1 =	ETB 55.8012	ETB 57.1168	ETB 57.2896	ETB 57.5916
	ETB	B	EUR 1 =	ETB 59.3658	ETB 62.2182	ETB 60.9124	ETB 61.0528
		S	EUR 1 =	ETB 60.5531	ETB 63.4626	ETB 62.1306	ETB 62.2739
Falkland Islands (Islas Malvinas)							
Stanley	Falkland Islands pound 2 = 100 pence FKP	V	USD 1 =	FKP 0.80439	FKP 0.78647	FKP 0.78836	FKP 0.79120
		V	EUR 1 =	FKP 0.86979	FKP 0.86905	FKP 0.85435	FKP 0.85655
Fiji							
Suva	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4526	USD 0.4602	USD 0.4512	USD 0.4482
		S	FJD 1 =	USD 0.4356	USD 0.4432	USD 0.4342	USD 0.4312
	FJD	B	FJD 1 =	EUR 0.4150	EUR 0.4136	EUR 0.4137	EUR 0.4112
		S	FJD 1 =	EUR 0.4030	EUR 0.4016	EUR 0.4017	EUR 0.3992
Finland							
Helsinki	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826
France							
Paris	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826
Gabon 1							
Libreville	CFA franc	B	USD 1 =	XAF 600.8986	XAF 587.8881	XAF 602.4898	XAF 602.3647
		S	USD 1 =	XAF 606.2977	XAF 593.8090	XAF 606.9180	XAF 605.0371
	XAF	3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Gambia							
Banjul	Dalasi = 100 bututs GMD	M	USD 1 =	GMD 60.71	GMD 63.13	GMD 66.83	GMD 66.65
		M	EUR 1 =	GMD 65.93	GMD 69.90	GMD 71.75	GMD 72.41
Georgia							
Tbilisi	Lari = 100 tetri GEL	M	USD 1 =	GEL 2.6277	GEL 2.6894	GEL 2.6827	GEL 2.6606
		M	EUR 1 =	GEL 2.8417	GEL 2.9753	GEL 2.9080	GEL 2.8780

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

IV. Overview of world currencies *

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

Country ¹ Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Germany							
Berlin	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826
Ghana							
Accra	Ghana cedi = 100 Ghana pesewas GHS	B S	USD 1 =	GHS 11.1524	GHS 11.8741	GHS 12.0296	GHS 12.4580
			USD 1 =	GHS 11.1635	GHS 11.8859	GHS 12.0416	GHS 12.4704
		B S	EUR 1 =	GHS 12.0775	GHS 13.1204	GHS 13.0487	GHS 13.5167
			EUR 1 =	GHS 12.0892	GHS 13.1323	GHS 13.0606	GHS 13.5301
Gibraltar							
Gibraltar	Gibraltar pound ² = 100 pence GIP	V V	USD 1 =	GIP 0.80439	GIP 0.78647	GIP 0.78836	GIP 0.79120
			EUR 1 =	GIP 0.86979	GIP 0.86905	GIP 0.85435	GIP 0.85655
Greece							
Athens	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826
Grenada							
St George's	East Caribbean dollar = 100 cents XCD	3 B 3 S	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
			USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
		V, B V, S	EUR 1 =	XCD 2.9068	XCD 2.9705	XCD 2.9132	XCD 2.9102
			EUR 1 =	XCD 2.9378	XCD 3.0022	XCD 2.9443	XCD 2.9413
Guatemala							
Guatemala City	Quetzal = 100 centavos GTQ	M V	USD 1 =	GTQ 7.83647	GTQ 7.82702	GTQ 7.81454	GTQ 7.81768
			EUR 1 =	GTQ 8.48573	GTQ 8.64886	GTQ 8.46862	GTQ 8.46342
Guinea							
Conakry	Guinean franc GNF	M M	USD 1 =	GNF 8,508.4991	GNF 8,512.0638	GNF 8,511.0815	GNF 8,503.5289
			EUR 1 =	GNF 9,225.4970	GNF 9,379.9896	GNF 9,231.1157	GNF 9,190.6188
Guinea-Bissau ¹							
Bissau	CFA franc XOF	B S	USD 1 =	XOF 601.85	XOF 589.25	XOF 602.75	XOF 602.25
			USD 1 =	XOF 608.85	XOF 596.25	XOF 609.75	XOF 609.25
		4	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Guyana							
Georgetown	Guyana dollar = 100 cents GYD	B S	USD 1 =	GYD 207.98	GYD 207.98	GYD 207.98	GYD 207.98
			USD 1 =	GYD 210.45	GYD 210.45	GYD 210.45	GYD 210.45
		B S	EUR 1 =	GYD 225.09	GYD 229.77	GYD 225.28	GYD 224.74
			EUR 1 =	GYD 227.98	GYD 232.72	GYD 228.17	GYD 227.63

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

IV. Overview of world currencies *

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

Country ¹ Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Haiti							
Port-au-Prince	Gourde = 100 centimes HTG	M	USD 1 =	HTG 140.1753	HTG 131.7785	HTG 131.5701	HTG 132.2161
		V	EUR 1 =	HTG 151.7859	HTG 145.6152	HTG 142.5825	HTG 143.1371
Honduras							
Tegucigalpa	Lempira = 100 centavos HNL	B	USD 1 =	HNL 24.6030	HNL 24.6513	HNL 24.6485	HNL 24.6755
		S	USD 1 =	HNL 24.7261	HNL 24.7746	HNL 24.7717	HNL 24.7989
		V, B	EUR 1 =	HNL 26.6413	HNL 27.2397	HNL 26.7116	HNL 26.7137
		V, S	EUR 1 =	HNL 26.7745	HNL 27.3759	HNL 26.8451	HNL 26.8473
Hong Kong							
Hong Kong	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.79805	HKD 7.77780	HKD 7.78830	HKD 7.79650
		S	USD 1 =	HKD 7.85978	HKD 7.83950	HKD 7.85000	HKD 7.85830
		B	EUR 1 =	HKD 8.40687	HKD 8.54870	HKD 8.43340	HKD 8.41720
		S	EUR 1 =	HKD 8.54956	HKD 8.69150	HKD 8.57620	HKD 8.55990
Hungary							
Budapest	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 353.25	HUF 346.44	HUF 355.84	HUF 363.00
		M	EUR 1 =	HUF 380.53	HUF 382.78	HUF 385.09	HUF 393.89
Iceland							
Reykjavík	Icelandic krona ISK	M	USD 1 =	ISK 137.661	ISK 136.20	ISK 136.85	ISK 137.91
		M	EUR 1 =	ISK 148.450	ISK 150.50	ISK 148.30	ISK 149.30
India ¹							
New Delhi	Indian rupee = 100 paise INR	M	USD 1 =	INR 82.5999	INR 83.1164	INR 83.0805	INR 82.9246
		M	EUR 1 =	INR 89.4895	INR 92.0049	INR 89.8826	INR 89.8621
Indonesia							
Jakarta	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 15,146.72	IDR 15,338.92	IDR 15,717.02	IDR 15,594.64
		S	USD 1 =	IDR 15,298.95	IDR 15,493.08	IDR 15,874.98	IDR 15,751.36
		B	EUR 1 =	IDR 16,392.04	IDR 17,050.74	IDR 17,016.82	IDR 16,878.08
		S	EUR 1 =	IDR 16,562.14	IDR 17,228.30	IDR 17,194.19	IDR 17,052.42
Iran, Islamic Republic of ¹							
Tehran	Iranian rial = 100 dinars IRR	2	USD 1 =	IRR 42,000	IRR 42,000	IRR 42,000	IRR 42,000
		2	EUR 1 =	IRR 45,555	IRR 46,403	IRR 45,542	IRR 45,534
		3	USD 1 =	IRR 510,567	IRR 505,000	IRR 585,000	IRR 586,000
		3	EUR 1 =	IRR 553,167	IRR 558,000	IRR 633,000	IRR 635,000

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Central bank rate. ³ Bureau de change rate.

IV. Overview of world currencies *

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

Country 1 Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Iraq							
Baghdad	Iraqi dinar = 1,000 fils	2 B	USD 1 =	IQD 1,312.50	IQD 1,300.00	IQD 1,300.00	IQD 1,300.00
		2 S	USD 1 =	IQD 1,322.50	IQD 1,310.00	IQD 1,310.00	IQD 1,310.00
	IQD	B	EUR 1 =	IQD 1,421.539	IQD 1,434.680	IQD 1,408.810	IQD 1,407.380
S		EUR 1 =	IQD 1,432.370	IQD 1,445.716	IQD 1,419.647	IQD 1,418.206	
Ireland							
Dublin	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826
Israel							
Jerusalem	New shekel = 100 agorot ILS	M	USD 1 =	ILS 3.6897	ILS 3.6270	ILS 3.6350	ILS 3.5840
		M	EUR 1 =	ILS 4.0154	ILS 4.0116	ILS 3.9398	ILS 3.8856
Italy							
Rome	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826
Jamaica							
Kingston	Jamaican dollar = 100 cents	B	USD 1 =	JMD 153.3267	JMD 153.7417	JMD 154.6963	JMD 155.0114
		S	USD 1 =	JMD 154.9798	JMD 155.0774	JMD 156.4182	JMD 156.9817
	JMD	B	EUR 1 =	JMD 163.6487	JMD 163.8092	JMD 161.6742	JMD 167.2600
S		EUR 1 =	JMD 169.9925	JMD 171.1596	JMD 172.1550	JMD 168.3986	
Japan							
Tokyo	Japanese yen = 100 sen	B	USD 1 =	JPY 139.67	JPY 140.83	JPY 146.55	JPY 149.67
		S	USD 1 =	JPY 141.67	JPY 142.83	JPY 148.55	JPY 151.67
	JPY	B	EUR 1 =	JPY 151.67	JPY 155.62	JPY 158.47	JPY 161.75
S		EUR 1 =	JPY 154.67	JPY 158.62	JPY 161.47	JPY 164.75	
Jordan							
Amman	Jordanian dinar = 1,000 fils	2 B	USD 1 =	JOD 0.7080	JOD 0.7080	JOD 0.7080	JOD 0.7080
		2 S	USD 1 =	JOD 0.7100	JOD 0.7100	JOD 0.7100	JOD 0.7100
	JOD	B	EUR 1 =	JOD 0.76495	JOD 0.78121	JOD 0.76514	JOD 0.76634
S		EUR 1 =	JOD 0.77123	JOD 0.78696	JOD 0.77014	JOD 0.77063	
Kazakhstan							
Astana	Tenge = 100 tiyn KZT	M	USD 1 =	KZT 456.43	KZT 454.56	KZT 448.17	KZT 451.31
		M	EUR 1 =	KZT 494.49	KZT 502.24	KZT 485.14	KZT 487.32

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

IV. Overview of world currencies *

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

Country 1 Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Kenya 1							
Nairobi	Kenya shilling = 100 cents KES	M	USD 1 =	KES 141.2130	KES 156.4618	KES 160.7510	KES 143.5891
		M	EUR 1 =	KES 153.1451	KES 173.7797	KES 173.9487	KES 155.5931
Korea, Democratic People's Republic of 1							
Pyongyang	North Korean won = 100 chon KPW	B	USD 1 =	.	.	.	.
		S	USD 1 =	.	.	.	.
		B	EUR 1 =	.	.	.	.
		S	EUR 1 =	.	.	.	.
Korea, Republic of							
Seoul	South Korean won = 100 chon KRW	B	USD 1 =	KRW 1,295.23	KRW 1,286.30	KRW 1,322.00	KRW 1,323.00
		S	USD 1 =	KRW 1,320.54	KRW 1,311.70	KRW 1,348.00	KRW 1,349.00
		B	EUR 1 =	KRW 1,405.70	KRW 1,419.38	KRW 1,427.78	KRW 1,433.22
		S	EUR 1 =	KRW 1,434.08	KRW 1,448.04	KRW 1,456.62	KRW 1,462.16
Kuwait							
Kuwait	Kuwaiti dinar = 1,000 fils KWD	B	USD 1 =	KWD 0.30581	KWD 0.30495	KWD 0.30625	KWD 0.30615
		S	USD 1 =	KWD 0.30958	KWD 0.30955	KWD 0.30985	KWD 0.30975
		B	EUR 1 =	KWD 0.331129	KWD 0.336634	KWD 0.332863	KWD 0.331913
		S	EUR 1 =	KWD 0.335209	KWD 0.341712	KWD 0.336776	KWD 0.335815
Kyrgyzstan							
Bishkek	Kyrgyz som = 100 tyiyn KGS	M	USD 1 =	KGS 87.9285	KGS 89.0853	KGS 89.3200	KGS 89.4300
		M	EUR 1 =	KGS 95.2932	KGS 98.5328	KGS 96.6621	KGS 96.6917
Lao People's Democratic Republic							
Vientiane	Kip LAK	B	USD 1 =	LAK 18,774	LAK 20,468	LAK 20,664	LAK 20,806
		S	USD 1 =	LAK 18,913	LAK 20,599	LAK 20,796	LAK 20,939
		B	EUR 1 =	LAK 20,319	LAK 22,603	LAK 22,350	LAK 22,504
		S	EUR 1 =	LAK 20,520	LAK 22,827	LAK 22,572	LAK 22,727
Latvia							
Riga	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826
Lebanon 1							
Beirut	Lebanese pound = 100 piastres LBP	M	USD 1 =	LBP 13,875.63	LBP 15,000.00	LBP 15,000.00	LBP 89,500.00 1
		M	EUR 1 =	LBP 15,050.00	LBP 16,695.00	LBP 16,245.00	LBP 97,099.00 1

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

IV. Overview of world currencies *

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

Country ¹ Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Lesotho ¹							
Maseru	Loti = 100 lisente LSL	M	USD 1 =	LSL 18.4883	LSL 18.6416 ²	LSL 18.8456	LSL 19.1910
		M	EUR 1 =	LSL 19.9987	LSL 20.3987 ²	LSL 20.3817	LSL 20.7950
Liberia ¹							
Monrovia	Liberian dollar = 100 cents LRD	B	USD 1 =	LRD 175.3089	LRD 187.6295	LRD 189.1153	LRD 190.7053
		S	USD 1 =	LRD 177.2670	LRD 189.3375	LRD 190.9061	LRD 192.4928
		V, B	EUR 1 =	LRD 189.8646	LRD 207.3306	LRD 204.9443	LRD 206.4576
		V, S	EUR 1 =	LRD 191.9861	LRD 209.2179	LRD 206.8849	LRD 208.3927
Libya							
Tripoli	Libyan dinar = 1,000 dirham LYD	B	USD 1 =	LYD 4.7997	LYD 4.7634	LYD 4.8160	LYD 4.8188
		S	USD 1 =	LYD 4.8237	LYD 4.7873	LYD 4.8401	LYD 4.8429
		B	EUR 1 =	LYD 5.1969	LYD 5.2588	LYD 5.2099	LYD 5.2211
		S	EUR 1 =	LYD 5.2229	LYD 5.2852	LYD 5.2361	LYD 5.2473
Lithuania							
Vilnius	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826
Luxembourg							
Luxembourg	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826
Macao ¹							
Macao	Pataca = 100 avos MOP	B	USD 1 =	MOP 8.0589	MOP 8.0402	MOP 8.0451	MOP 8.0545
		S	USD 1 =	MOP 8.0851	MOP 8.0664	MOP 8.0713	MOP 8.0807
		B	EUR 1 =	MOP 8.7210	MOP 8.8946	MOP 8.6987	MOP 8.7206
		S	EUR 1 =	MOP 8.7602	MOP 8.9338	MOP 8.7379	MOP 8.7598
Madagascar							
Antananarivo	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 4,431.43	MGA 4,572.78	MGA 4,530.21	MGA 4,511.72
		M	EUR 1 =	MGA 4,778.84	MGA 4,986.57	MGA 4,873.51	MGA 4,876.29
Malawi							
Lilongwe	Malawi kwacha = 100 tambala MWK	B	USD 1 =	MWK 1,153.2122	MWK 1,666.7326	MWK 1,666.7326	MWK 1,666.7326
		S	USD 1 =	MWK 1,175.9452	MWK 1,700.0000	MWK 1,700.0000	MWK 1,700.0000
		B	EUR 1 =	MWK 1,288.5153	MWK 1,899.2235	MWK 1,857.3352	MWK 1,859.7386
		S	EUR 1 =	MWK 1,313.9172	MWK 1,937.1313	MWK 1,894.4069	MWK 1,896.8583
Malaysia							
Kuala Lumpur Seat of government: Putrajaya	Malaysian ringgit = 100 sen MYR	B	USD 1 =	MYR 4.4745	MYR 4.5069	MYR 4.6395	MYR 4.6783
		S	USD 1 =	MYR 4.6410	MYR 4.6881	MYR 4.8135	MYR 4.8537
		B	EUR 1 =	MYR 4.8485	MYR 4.9868	MYR 5.0222	MYR 5.0604
		S	EUR 1 =	MYR 5.0494	MYR 5.1935	MYR 5.2304	MYR 5.2701

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Exchange rate as of 4 January 2024.

IV. Overview of world currencies *

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

Country 1 Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Maldives							
Malé	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.39	MVR 15.40	MVR 15.39	MVR 15.41
		V	EUR 1 =	MVR 16.66483	MVR 17.01700	MVR 16.67814	MVR 16.68287
Mali 1							
Bamako	CFA franc XOF	B	USD 1 =	XOF 601.85	XOF 589.25	XOF 602.75	XOF 602.25
		S	USD 1 =	XOF 608.85	XOF 596.25	XOF 609.75	XOF 609.25
		z	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Malta							
Valletta	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826
Mauritania							
Nouakchott	Ouguiya MRU	M	USD 1 =	MRU 36.72	MRU 39.38	MRU 40.57	MRU 39.73
		M	EUR 1 =	MRU 39.82	MRU 43.77	MRU 43.96	MRU 43.03
Mauritius							
Port Louis	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 44.6368	MUR 43.5736	MUR 44.4986	MUR 45.2850
		S	USD 1 =	MUR 45.5361	MUR 44.4729	MUR 45.3979	MUR 46.1843
		B	EUR 1 =	MUR 48.2684	MUR 48.1641	MUR 48.0905	MUR 49.0112
		S	EUR 1 =	MUR 49.6148	MUR 49.5443	MUR 49.4614	MUR 50.3918
Mexico							
Mexico City	Mexican peso = 100 centavos MXN	M	USD 1 =	MXN 17.7608	MXN 16.9666	MXN 17.1336	MXN 17.0543
		V	EUR 1 =	MXN 19.0886	MXN 18.7481	MXN 18.5677	MXN 18.4630
Moldova, Republic of							
Chisinau	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 18.1627	MDL 17.4062	MDL 17.7395	MDL 17.8275
		M	EUR 1 =	MDL 19.6390	MDL 19.3574	MDL 19.2350	MDL 19.2840
Mongolia							
Ulan Bator	Togrog = 100 mongo MNT	M	USD 1 =	MNT 3,463.80	MNT 3,410.69	MNT 3,401.47	MNT 3,381.89
		M	EUR 1 =	MNT 3,754.18	MNT 3,791.66	MNT 3,679.03	MNT 3,665.63
Morocco							
Rabat	Moroccan dirham = 100 centimes MAD	M	USD 1 =	MAD 10.1361	MAD 9.8929	MAD 10.0311	MAD 10.0810
		M	EUR 1 =	MAD 10.9572	MAD 10.9445	MAD 10.8541	MAD 10.9286

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

IV. Overview of world currencies *

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

Country ¹ Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Mozambique							
Maputo	Metical = 100 centavos	B S	USD 1 =	MZN 63.25	MZN 63.27	MZN 63.27	MZN 63.27
			USD 1 =	MZN 64.52	MZN 64.53	MZN 64.53	
	MZN	B S	EUR 1 =	MZN 68.53	MZN 69.95	MZN 68.59	MZN 68.50
EUR 1 =			MZN 69.90	MZN 71.34	MZN 69.95	MZN 69.86	
Myanmar							
Nay Pyi Taw	Kyat = 100 pyas MMK	M M	USD 1 =	MMK 2,100.00	MMK 2,100.00	MMK 2,100.00	MMK 2,100.00
			EUR 1 =	MMK 2,275.13	MMK 2,321.80	MMK 2,272.80	MMK 2,277.50
Namibia ¹							
Windhoek	Namibia dollar = 100 cents NAD	M M	USD 1 =	NAD 18.5075	NAD 18.5615	NAD 18.8173	NAD 19.2458
			EUR 1 =	NAD 20.0517	NAD 20.5408	NAD 20.3593	NAD 20.8540
Nepal							
Kathmandu	Nepalese rupee = 100 paisa	B S	USD 1 =	NPR 131.85	NPR 132.84	NPR 132.68	NPR 132.38
			USD 1 =	NPR 132.45	NPR 133.44	NPR 133.28	NPR 132.98
	NPR	B S	EUR 1 =	NPR 142.95	NPR 146.95	NPR 143.87	NPR 143.20
			EUR 1 =	NPR 143.60	NPR 147.61	NPR 144.52	NPR 143.84
Netherlands							
Amsterdam Seat of government: The Hague	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826
New Caledonia ¹							
Nouméa	CFP franc XPF	V 2	XPF 1,000 =	USD 9.06	USD 9.26	USD 9.08	USD 9.07
			XPF 1,000 =	EUR 8.38	EUR 8.38	EUR 8.38	EUR 8.38
New Zealand							
Wellington	New Zealand dollar = 100 cents	B S	NZD 1 =	USD 0.6258	USD 0.6468	USD 0.6242	USD 0.6223
			NZD 1 =	USD 0.6022	USD 0.6225	USD 0.6007	USD 0.5991
	NZD	B S	NZD 1 =	EUR 0.5770	EUR 0.5844	EUR 0.5761	EUR 0.5745
			NZD 1 =	EUR 0.5551	EUR 0.5623	EUR 0.5544	EUR 0.5528
Nicaragua							
Managua	Córdoba = 100 centavos NIO	M V	USD 1 =	NIO 36.4571	NIO 36.6243	NIO 36.6243 ³	NIO 36.6243 ³
			EUR 1 =	NIO 39.47779	NIO 40.46985	NIO 39.68975	NIO 39.64947

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

IV. Overview of world currencies *

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

Country ¹ Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Niger ¹							
Niamey	CFA franc	B	USD 1 =	XOF 601.85	XOF 589.25	XOF 602.75	XOF 602.25
		S	USD 1 =	XOF 608.85	XOF 596.25	XOF 609.75	XOF 609.25
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Nigeria ¹							
Abuja	Naira = 100 kobo	B	USD 1 =	NGN 647.871	NGN 898.893	NGN 1,356.383 ¹	NGN 1,543.581
		S	USD 1 =	NGN 648.871	NGN 899.893	NGN 1,357.383 ¹	NGN 1,544.581
	B	EUR 1 =	NGN 702.5779	NGN 993.9959	NGN 1,474.2527 ¹	NGN 1,674.1680	
	S	EUR 1 =	NGN 703.6573	NGN 995.1017	NGN 1,475.3396 ¹	NGN 1,675.2526	
North Macedonia							
Skopje	North Macedonia denar = 100 deni	B	USD 1 =	MKD 56.5163	MKD 55.3733	MKD 56.5983	MKD 56.7967
		S	USD 1 =	MKD 57.0843	MKD 55.9299	MKD 57.1671	MKD 57.3675
	B	EUR 1 =	MKD 61.2523	MKD 61.1875	MKD 61.3865	MKD 61.3858	
	S	EUR 1 =	MKD 61.8679	MKD 61.8025	MKD 62.0035	MKD 62.0028	
Norway							
Oslo	Norwegian krone = 100 øre	B	USD 1 =	NOK 10.5283	NOK 10.1645	NOK 10.4373	NOK 10.5405
		S	USD 1 =	NOK 10.6043	NOK 10.2405	NOK 10.5313	NOK 10.6345
	B	EUR 1 =	NOK 11.4231	NOK 11.2490	NOK 11.2952	NOK 11.4204	
	S	EUR 1 =	NOK 11.5081	NOK 11.3340	NOK 11.3892	NOK 11.5144	
Oman							
Muscat	Rial Omani = 1,000 baisa	3 B	USD 1 =	OMR 0.3840	OMR 0.3840	OMR 0.3840	OMR 0.3840
		3 S	USD 1 =	OMR 0.3850	OMR 0.3850	OMR 0.3850	OMR 0.3850
	B	EUR 1 =	OMR 0.4159552	OMR 0.4237056	OMR 0.4154496	OMR 0.4161408	
	S	EUR 1 =	OMR 0.4171700	OMR 0.4251940	OMR 0.4165700	OMR 0.4172630	
Pakistan							
Islamabad	Pakistani rupee = 100 paisa	B	USD 1 =	PKR 280.92	PKR 281.90	PKR 279.55	PKR 279.10
		S	USD 1 =	PKR 281.42	PKR 282.40	PKR 280.05	PKR 279.60
	B	EUR 1 =	PKR 305.32	PKR 312.56	PKR 303.03	PKR 303.03	
	S	EUR 1 =	PKR 305.86	PKR 313.11	PKR 303.57	PKR 303.57	
Panama ¹							
Panama City	Balboa = 100 centésimos PAB	4	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
		V	EUR 1 =	PAB 1.0813	PAB 1.1050	PAB 1.0837	PAB 1.0826
Papua New Guinea							
Port Moresby	Kina = 100 toea	B	PGK 1 =	USD 0.2853	USD 0.2758	USD 0.2746	USD 0.2735
		S	PGK 1 =	USD 0.2703	USD 0.2608	USD 0.2596	USD 0.2585
	B	EUR 1 =	EUR 0.2567	EUR 0.2430	EUR 0.2468	EUR 0.2459	
	S	EUR 1 =	EUR 0.2417	EUR 0.2280	EUR 0.2318	EUR 0.2309	

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

IV. Overview of world currencies *

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

Country 1 Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Paraguay							
Asunción	Guaraní = 100 céntimos	B S	USD 1 =	PYG 7,286.84	PYG 7,263.59	PYG 7,274.36	PYG 7,294.65
			USD 1 =	PYG 7,298.73	PYG 7,283.62	PYG 7,282.37	PYG 7,325.90
	PYG	V, B V, S	EUR 1 = EUR 1 =	PYG 7,870.63 PYG 7,883.48	PYG 8,072.75 PYG 8,095.02	PYG 7,883.22 PYG 7,891.90	PYG 7,897.19 PYG 7,931.02
Peru							
Lima	Sol = 100 céntimos	B S	USD 1 =	PEN 3.741	PEN 3.705	PEN 3.799	PEN 3.778
			USD 1 =	PEN 3.748	PEN 3.713	PEN 3.808	PEN 3.782
	PEN	B S	EUR 1 =	PEN 3.918	PEN 3.972	PEN 3.765	PEN 3.757
			EUR 1 =	PEN 4.253	PEN 4.378	PEN 4.465	PEN 4.468
Philippines							
Manila	Philippine peso = 100 centavos	B S	USD 1 =	PHP 55.56	PHP 55.10	PHP 55.95	PHP 55.90
			USD 1 =	PHP 56.15	PHP 55.60	PHP 56.45	PHP 56.40
	PHP	B S	EUR 1 = EUR 1 =	PHP 58.8623 PHP 61.6044	PHP 59.9066 PHP 62.6117	PHP 59.4293 PHP 62.3895	PHP 59.5049 PHP 62.1999
Poland							
Warsaw	Polish zloty = 100 groszy PLN	M M	USD 1 =	PLN 4.2030	PLN 3.9350	PLN 4.0135	PLN 3.9803
			EUR 1 =	PLN 4.5284	PLN 4.3480	PLN 4.3434	PLN 4.3190
Portugal							
Lisbon	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826
Qatar							
Doha	Qatari riyal = 100 dirham QAR	2 V	USD 1 =	QAR 3.6400	QAR 3.6400	QAR 3.6400	QAR 3.6400
			EUR 1 =	QAR 3.9416	QAR 4.0222	QAR 3.9447	QAR 3.9407
Romania							
Bucharest	Romanian leu = 100 bani RON	M M	USD 1 =	RON 4.5758	RON 4.4958	RON 4.5962	RON 4.5823
			EUR 1 =	RON 4.9520	RON 4.9746	RON 4.9759	RON 4.9690
Russian Federation							
Moscow	Russian rouble = 100 kopecks RUB	M 3	USD 1 =	RUB 85.8116	RUB 89.6883	RUB 89.2887	RUB 91.8692
			EUR 1 =	RUB 92.7583	RUB 99.1919	RUB 96.7895	RUB 99.4500

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

the US dollar. 3 Indicative rate; according to the Bank of Russia, calculated on the basis of their established official RUB/USD rates and USD/EUR market rates.

IV. Overview of world currencies *

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

Country 1 Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Rwanda							
Kigali	Rwanda franc = 100 centimes	B	USD 1 =	RWF 1,152.11758	RWF 1,251.41804	RWF 1,262.27659	RWF 1,269.05395
		S	USD 1 =	RWF 1,175.15760	RWF 1,276.44387	RWF 1,287.51957	RWF 1,294.43246
	RWF	B	EUR 1 =	RWF 1,249.90752	RWF 1,385.69519	RWF 1,365.46770	RWF 1,375.01995
		S	EUR 1 =	RWF 1,274.90315	RWF 1,413.40630	RWF 1,392.77430	RWF 1,402.51757
Saint Helena, Ascension and Tristan da Cunha							
Jamestown	Saint Helena pound 2 = 100 pence SHP	V	USD 1 =	SHP 0.80439	SHP 0.78647	SHP 0.78836	SHP 0.79120
		V	EUR 1 =	SHP 0.86979	SHP 0.86905	SHP 0.85435	SHP 0.85655
Saint Kitts and Nevis							
Basseterre	East Caribbean dollar = 100 cents	3 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		3 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 2.9068	XCD 2.9705	XCD 2.9132	XCD 2.9102
		V, S	EUR 1 =	XCD 2.9378	XCD 3.0022	XCD 2.9443	XCD 2.9413
Saint Lucia							
Castries	East Caribbean dollar = 100 cents	3 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		3 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 2.9068	XCD 2.9705	XCD 2.9132	XCD 2.9102
		V, S	EUR 1 =	XCD 2.9378	XCD 3.0022	XCD 2.9443	XCD 2.9413
Saint Vincent and the Grenadines							
Kingstown	East Caribbean dollar = 100 cents	3 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		3 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 2.9068	XCD 2.9705	XCD 2.9132	XCD 2.9102
		V, S	EUR 1 =	XCD 2.9378	XCD 3.0022	XCD 2.9443	XCD 2.9413
Samoa							
Apia	Tala = 100 sene WST	M	WST 1 =	USD 0.36488	USD 0.37043	USD 0.36440	USD 0.36264
		M	WST 1 =	EUR 0.33646	EUR 0.33489	EUR 0.33615	EUR 0.33463
Sao Tome and Principe							
São Tomé	Dobra = 100 cêntimos	B	USD 1 =	STN 22.5869	STN 22.0443	STN 22.5890	STN 22.6684
		S	USD 1 =	STN 22.9257	STN 22.3749	STN 22.9278	STN 23.0084
	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 4.05476	SAR 4.14375	SAR 4.06388	SAR 4.05975

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

IV. Overview of world currencies *

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

Country 1 Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Senegal ¹							
Dakar	CFA franc	B	USD 1 =	XOF 601.85	XOF 589.25	XOF 602.75	XOF 602.25
		S	USD 1 =	XOF 608.85	XOF 596.25	XOF 609.75	XOF 609.25
	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957	
Serbia							
Belgrade	Serbian dinar = 100 para	B	USD 1 =	RSD 107.8157	RSD 105.5495	RSD 107.9506	RSD 107.8223
		S	USD 1 =	RSD 108.4645	RSD 106.1847	RSD 108.6002	RSD 108.4711
	B	EUR 1 =	RSD 116.8967	RSD 116.8222	RSD 116.8241	RSD 116.8254	
	S	EUR 1 =	RSD 117.6001	RSD 117.5252	RSD 117.5271	RSD 117.5284	
Seychelles							
Victoria	Seychelles rupee = 100 cents	B	USD 1 =	SCR 13.7626	SCR 13.8451	SCR 13.8485	SCR 14.0957
		S	USD 1 =	SCR 14.1907	SCR 14.4313	SCR 14.2544	SCR 14.4342
	B	EUR 1 =	SCR 14.8107	SCR 15.5166	SCR 14.8978	SCR 15.1283	
	S	EUR 1 =	SCR 15.4809	SCR 16.1931	SCR 15.5852	SCR 15.8708	
Sierra Leone							
Freetown	Leone = 100 cents	B	USD 1 =	SLE 21.4323	SLE 22.6832	SLE 22.4759	SLE 22.4668
		S	USD 1 =	SLE 21.6477	SLE 22.9111	SLE 22.7018	SLE 22.6926
	B	EUR 1 =	SLE 23.2078	SLE 25.0963	SLE 24.3296	SLE 24.3621	
	S	EUR 1 =	SLE 23.4319	SLE 25.3394	SLE 24.5656	SLE 24.6021	
Singapore ¹							
Singapore	Singapore dollar = 100 cents	M	USD 1 =	SGD 1.3406	SGD 1.3186	SGD 1.3409	SGD 1.3446
		M	EUR 1 =	SGD 1.4538	SGD 1.4590	SGD 1.4507	SGD 1.4571
Sint Maarten (southern part)							
Philipsburg	Netherlands Antillean guilder = 100 cents	3 B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		3 S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	B	EUR 100 =	ANG 192.90	ANG 197.04	ANG 193.05	ANG 193.05	
	ANG	S	EUR 100 =	ANG 196.79	ANG 201.01	ANG 196.94	ANG 196.94
Slovakia							
Bratislava	Euro = 100 cent		M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837
	EUR						
Slovenia							
Ljubljana	Euro = 100 cent		M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837
	EUR						
Solomon Islands							
Honiara	Solomon Islands dollar = 100 cents	M	SBD 1 =	USD 0.1193	USD 0.1183	USD 0.1182	USD 0.1174
		M	SBD 1 =	EUR 0.11007	EUR 0.10660	EUR 0.10910	EUR 0.10840
	SBD						

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

IV. Overview of world currencies *

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

Country 1 Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Somalia ¹							
Mogadishu	Somali shilling	M	USD 1 =	.	.	.	.
	SOS	M	EUR 1 =	.	.	.	.
South Africa							
Pretoria Seat of parliament: Cape Town	South African rand = 100 cents	B	USD 1 =	ZAR 18.2542	ZAR 18.2047	ZAR 18.4566	ZAR 19.0479
		S	USD 1 =	ZAR 18.6240	ZAR 18.5745	ZAR 18.8237	ZAR 19.4154
	ZAR	B	EUR 1 =	ZAR 19.6917	ZAR 19.9868	ZAR 19.9178	ZAR 20.5056
		S	EUR 1 =	ZAR 20.3482	ZAR 20.6544	ZAR 20.5784	ZAR 21.1739
South Sudan							
Juba	South Sudanese pound = 100 piastres	M	USD 1 =	SSP 945.9889	SSP 1,070.9850	SSP 1,092.1819	SSP 1,433.6963
	SSP	M	EUR 1 =	SSP 1,025.3265	SSP 1,190.5085	SSP 1,180.9780	SSP 1,549.6118
Spain							
Madrid	Euro = 100 cent EUR	M	EUR 1 =	USD 1.0813	USD 1.1050	USD 1.0837	USD 1.0826
Sri Lanka							
Colombo	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 322.6446	LKR 319.1762	LKR 312.0964	LKR 305.1682
		S	USD 1 =	LKR 335.1466	LKR 328.7784	LKR 321.8542	LKR 314.8771
	LKR	B	EUR 1 =	LKR 348.3617	LKR 351.4885	LKR 336.0490	LKR 328.7998
		S	EUR 1 =	LKR 365.0789	LKR 365.8211	LKR 350.0412	LKR 342.9230
Sudan							
Khartoum	Sudanese pound = 100 piastres	B	USD 1 =	SDG 640.2208	SDG 830.0000	SDG 980.0000	SDG 1,075.0000
		S	USD 1 =	SDG 646.0195	SDG 836.2300	SDG 987.3500	SDG 1,083.0700
	SDG	B	EUR 1 =	SDG 678.7513	SDG 890.3900	SDG 1,032.5800	SDG 1,131.7200
		S	EUR 1 =	SDG 689.4197	SDG 906.1400	SDG 1,050.8400	SDG 1,151.7400
Suriname							
Paramaribo	Suriname dollar = 100 cents	B	USD 1 =	SRD 36.758	SRD 36.291	SRD 36.437	SRD 35.110
		S	USD 1 =	SRD 37.032	SRD 37.200	SRD 36.729	SRD 35.443
	SRD	B	EUR 1 =	SRD 39.318	SRD 40.194	SRD 39.416	SRD 37.968
		S	EUR 1 =	SRD 39.797	SRD 40.397	SRD 39.537	SRD 38.587
Sweden							
Stockholm	Swedish krona = 100 öre	M	USD 1 =	SEK 10.6128	SEK 10.0416	SEK 10.3979	SEK 10.3593
	SEK	M	EUR 1 =	SEK 11.4692	SEK 11.0960	SEK 11.2682	SEK 11.2150

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

IV. Overview of world currencies *

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

Country 1 Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Switzerland							
Berne	Swiss franc = 100 rappen/centimes CHF	B	USD 1 =	CHF 0.8988	CHF 0.8401	CHF 0.8629	CHF 0.8781
		B	EUR 1 =	CHF 0.9716	CHF 0.9281	CHF 0.9339	CHF 0.9527
Syrian Arab Republic ¹							
Damascus	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 7,833.33	SYP 12,500.00	SYP 12,500.00	SYP 12,500.00
		S	USD 1 =	SYP 7,911.67	SYP 12,625.00	SYP 12,625.00	SYP 12,625.00
		B	EUR 1 =	SYP 8,490.03	SYP 13,708.75	SYP 13,550.00	SYP 13,566.25
		S	EUR 1 =	SYP 8,574.93	SYP 13,845.84	SYP 13,685.50	SYP 13,701.91
Tajikistan							
Dushanbe	Somoni = 100 diram TJS	M	USD 1 =	TJS 10.8587	TJS 10.9571	TJS 10.9592	TJS 10.9548
		M	EUR 1 =	TJS 11.7744	TJS 12.1394	TJS 11.8853	TJS 11.8520
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 2,379.0330	TZS 2,489.0000	TZS 2,504.7525	TZS 2,530.5842
		S	USD 1 =	TZS 2,402.8233	TZS 2,513.8900	TZS 2,529.8000	TZS 2,555.8900
		B	EUR 1 =	TZS 2,580.2965	TZS 2,751.0917	TZS 2,714.1498	TZS 2,739.3574
		S	EUR 1 =	TZS 2,606.7667	TZS 2,779.6081	TZS 2,742.3032	TZS 2,767.7733
Thailand							
Bangkok	Thai baht = 100 satang THB	B	USD 1 =	THB 34.5912	THB 34.0590	THB 35.2676	THB 35.7757
		S	USD 1 =	THB 34.9173	THB 34.3876	THB 35.5944	THB 36.0959
		B	EUR 1 =	THB 37.3372	THB 37.6679	THB 37.9853	THB 38.5821
		S	EUR 1 =	THB 38.0687	THB 38.3988	THB 38.7076	THB 39.2897
Togo ¹							
Lomé	CFA franc XOF	B	USD 1 =	XOF 601.85	XOF 589.25	XOF 602.75	XOF 602.25
		S	USD 1 =	XOF 608.85	XOF 596.25	XOF 609.75	XOF 609.25
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Tonga							
Nuku'alofa	Pa'anga = 100 seniti TOP	M	TOP 1 =	USD 0.4234	USD 0.4292	USD 0.4233	USD .
		M	TOP 1 =	EUR 0.3891	EUR 0.3863	EUR 0.3887	EUR .
Trinidad and Tobago							
Port-of-Spain	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.7043	TTD 6.6643	TTD 6.6779	TTD 6.6991
		S	USD 1 =	TTD 6.7708	TTD 6.7674	TTD 6.7656	TTD 6.7606
		B	EUR 1 =	TTD 7.2901	TTD 7.6602	TTD 7.9038	TTD 7.3989
		S	EUR 1 =	TTD 7.8575	TTD 7.9034	TTD 7.8012	TTD 7.8881

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

IV. Overview of world currencies *

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

Country 1 Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Tunisia							
Tunis	Tunisian dinar = 1,000 millimes TND	B	USD 1 =	TND 3.0933	TND 3.0717	TND 3.1118	TND 3.1166
		S	USD 1 =	TND 3.0964	TND 3.0748	TND 3.1150	TND 3.1198
		B	EUR 1 =	TND 3.3506	TND 3.3952	TND 3.3786	TND 3.3775
		S	EUR 1 =	TND 3.3539	TND 3.3985	TND 3.3819	TND 3.3809
Turkey							
Ankara	Turkish lira = 100 kuruş TRY	B	USD 1 =	TRY 23.7311	TRY 29.3973	TRY 30.3053	TRY 31.1201
		S	USD 1 =	TRY 23.7738	TRY 29.4502	TRY 30.3599	TRY 31.1761
		B	EUR 1 =	TRY 26.1530	TRY 32.6937	TRY 32.8144	TRY 33.6543
		S	EUR 1 =	TRY 26.2002	TRY 32.7526	TRY 32.8735	TRY 33.7149
Turkmenistan ¹							
Ashgabat	Turkmen manat = 100 tenge TMT	2	USD 1 =	TMT 3.50	TMT 3.50	TMT 3.50	TMT 3.50
		M	EUR 1 =	TMT 3.7926	TMT 3.8675	TMT 3.7874	TMT 3.7807
Uganda							
Kampala	Uganda shilling UGX	B	USD 1 =	UGX 3,729.77	UGX 3,777.21	UGX 3,809.04	UGX 3,934.75
		S	USD 1 =	UGX 3,739.74	UGX 3,787.21	UGX 3,819.04	UGX 3,944.75
		B	EUR 1 =	UGX 4,041.70	UGX 4,180.62	UGX 4,117.19	UGX 4,263.30
		S	EUR 1 =	UGX 4,052.49	UGX 4,191.68	UGX 4,128.00	UGX 4,274.14
Ukraine							
Kyiv	Hryvnia = 100 kopyok UAH	M	USD 1 =	UAH 36.5670	UAH 37.9824	UAH 37.8746	UAH 38.2077
		M	EUR 1 =	UAH 39.5387	UAH 42.2079	UAH 41.0845	UAH 41.2968
United Arab Emirates ¹							
Abu Dhabi	United Arab Emirates dirham = 100 fils AED	2	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
		V	EUR 1 =	AED 3.9710	AED 4.0581	AED 3.9799	AED 3.9758
United Kingdom ¹							
London	Pound sterling = 100 pence GBP	M	GBP 1 =	USD 1.2434	USD 1.2747	USD 1.2733	USD 1.2650
		M	EUR 1 =	GBP 0.8679	GBP 0.8666	GBP 0.8531	GBP 0.8556
United States							
Washington	US dollar = 100 cents USD	M	EUR 1 =	USD 1.0816	USD 1.1036	USD 1.0816	USD 1.0803
		M	GBP 1 =	USD 1.2438	USD 1.2729	USD 1.2685	USD 1.2623

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

IV. Overview of world currencies *

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

Country 1 Capital	Currency ISO currency code	Type of rate	Unit	Annual average 2023	Rate at end of month		
					December 2023	January 2024	February 2024
Uruguay							
Montevideo	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 38.820	UYU 39.022	UYU 39.164	UYU 39.047
		M	EUR 1 =	UYU 41.9776	UYU 43.1271	UYU 42.3950	UYU 42.2020
Uzbekistan							
Tashkent	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 11,757.77	UZS 12,338.77	UZS 12,430.05	UZS 12,484.94
		M	EUR 1 =	UZS 12,743.17	UZS 13,731.82	UZS 13,458.02	UZS 13,483.74
Vanuatu							
Port Vila	Vatu VUV	B	USD 1 =	VUV 116.52	VUV 114.26	VUV 116.84	VUV 117.18
		S	USD 1 =	VUV 123.93	VUV 121.53	VUV 124.27	VUV 124.64
		B	EUR 1 =	VUV 127.43	VUV 127.83	VUV 127.69	VUV 128.07
		S	EUR 1 =	VUV 132.58	VUV 132.99	VUV 132.85	VUV 133.25
Venezuela, Bolivarian Republic of ¹							
Caracas	Bolívar = 100 céntimos VES	B	USD 1 =	VES 29.372959	VES 35.869402	VES 36.169450	VES 36.061421
		S	USD 1 =	VES 29.446575	VES 35.959300	VES 36.260100	VES 36.151800
		B	EUR 1 =	VES 31.814808	VES 39.717112	VES 39.337170	VES 39.125559
		S	EUR 1 =	VES 31.894545	VES 39.816654	VES 39.435760	VES 39.223618
Viet Nam							
Hanoi	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 23,691	VND 24,080	VND 24,255	VND 24,480
		S	USD 1 =	VND 24,031	VND 24,420	VND 24,595	VND 24,820
		B	EUR 1 =	VND 25,458.88	VND 26,370.15	VND 26,002.91	VND 26,281.45
		S	EUR 1 =	VND 26,607.00	VND 27,539.95	VND 27,156.09	VND 27,446.59
Yemen ¹							
Sana'a	Yemeni rial = 100 fils YER	B	USD 1 =	.	.	.	.
		S	USD 1 =	.	.	.	.
		B	EUR 1 =	.	.	.	.
		S	EUR 1 =	.	.	.	.
Zambia							
Lusaka	Kwacha = 100 ngwee ZMW	B	USD 1 =	ZMW 20.5262	ZMW 25.6854	ZMW 27.0965	ZMW 23.4452
		S	USD 1 =	ZMW 20.5739	ZMW 25.7352	ZMW 27.1465	ZMW 23.4949
		B	EUR 1 =	ZMW 22.2386	ZMW 28.3798	ZMW 29.3590	ZMW 25.3701
		S	EUR 1 =	ZMW 22.2959	ZMW 28.4451	ZMW 29.4240	ZMW 25.4309
Zimbabwe ¹							
Harare	Zimbabwe dollar = 100 cents ZWL	2	USD 1 =	ZWL 3,680.51954	ZWL 6,104.72260	ZWL 10,152.39330	ZWL 14,912.82900
		2	EUR 1 =	ZWL 3,991.75400	ZWL 6,753.97570	ZWL 10,985.00050	ZWL 16,156.72200

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 Interbank rate.

IV. Overview of world currencies*

2. Exchange rates of the US dollar against major currencies



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

IV. Overview of world currencies

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

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

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

VI. Global exchange rate arrangements and monetary policy framework *

As of end-April 2022

Exchange rate arrangement	Monetary policy framework						
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework	Other ¹
	Exchange rate anchor						
	US dollar	Euro	Composite	Other			
No separate legal tender	Ecuador El Salvador Marshall Islands Micronesia, Federated States of Palau Panama Timor-Leste	Andorra Kosovo Montenegro San Marino		Kiribati Nauru Tuvalu			
Currency board	Djibouti Hong Kong ECCU ⁴ Antigua & Barbuda Dominica Grenada Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines	Bosnia and Herzegovina Bulgaria ²		Brunei Darussalam Macao ³			
Conventional peg	Aruba Bahamas Bahrain Barbados Belize Curaçao and Sint Maarten (southern part) Eritrea Iraq Jordan Oman Qatar Saudi Arabia Turkmenistan United Arab Emirates	Cabo Verde Comoros Denmark ² Sao Tome and Principe WAEMU ⁶ Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo CAEMC ⁷ Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon	Fiji Libya	Bhutan Eswatini Lesotho Namibia Nepal	Samoa ⁵		
Stabilised arrangement	Cambodia Guyana Iran, Islamic Republic of Lebanon Maldives Trinidad and Tobago	Croatia ² North Macedonia	Singapore		Bolivia, Plurinational State of ⁸ Nigeria ⁸ Papua New Guinea ⁸ Tajikistan ^{8,10} Tanzania, United Republic of ⁸	Guatemala ⁸ Serbia ⁹	Azerbaijan ⁸ Egypt ^{8,10} Kyrgyzstan ⁸ Malawi ⁸ Mongolia ¹⁰ Mozambique ^{8,10,11} Sudan ^{8,11}
Crawling peg	Honduras Nicaragua		Botswana				
Pegged exchange rate within horizontal bands			Morocco				

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2022, Table 4, IMF, Washington. * See Explanatory notes, pp. 51-52. ¹ Includes countries that have no explicitly stated nominal anchor, but rather monitor various indicators in conducting monetary policy. ² The member participates in ERM II. ³ Macao was added to

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

VI. Global exchange rate arrangements and monetary policy framework *

As of end-April 2022

Exchange rate arrangement	Monetary policy framework						
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework	Other ¹
	Exchange rate anchor						
	US dollar	Euro	Composite	Other			
Crawl-like-arrangement			Viet Nam ⁸		Afghanistan ⁸ Algeria ^{8,12} Bangladesh ⁸ Burundi ⁸ China ⁵ Congo, Democratic Republic of the ⁸ Ethiopia ⁸ Gambia ⁸ Guinea ⁸ Rwanda ⁸	Dominican Republic ⁸ Ghana ⁸ Kenya ^{8,11} Romania ⁹ Sri Lanka ^{8,13} Uzbekistan ⁸	Argentina ⁸ Lao People's Democratic Republic ⁸ Mauritania ⁸ Mauritius ^{8,10,11} Solomon Islands ⁵ Switzerland ⁹ Tunisia ^{9,10}
Other managed arrangement			Kuwait Syrian Arab Republic		Liberia ¹¹ Myanmar Sierra Leone Zimbabwe ^{11,12}		Haiti South Sudan Tonga Vanuatu Venezuela, Bolivarian Republic of
Floating					Angola Belarus Madagascar Suriname Yemen	Albania Armenia Brazil ¹³ Colombia Costa Rica Czechia Georgia Hungary Iceland India ¹³ Indonesia ¹³ Israel Jamaica Kazakhstan Korea, Republic of Moldova, Republic of New Zealand Paraguay Peru Philippines Seychelles South Africa Thailand ¹³ Turkey Uganda Ukraine Uruguay	Malaysia Pakistan ¹⁰ Zambia
Free floating						Australia Canada Chile Japan Mexico Norway Poland ¹³ Russian Federation Sweden ¹³ United Kingdom	Somalia ¹⁴ United States Euro area Austria Belgium Cyprus Estonia Finland France Germany Greece Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain

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

policy framework was reclassified retroactively, overriding a previously published classification. ¹³ The monetary policy framework is referred to as "flexible inflation-targeting". ¹⁴ Currently the Central Bank of Somalia does not have a monetary policy framework.

VII. ISO currency codes *

ISO code	Currency	Country 1 or territory	ISO code	Currency	Country 1 or territory	ISO code	Currency	Country 1 or territory
AED	United Arab Emirates dirham	United Arab Emirates	CUP	Cuban peso	Cuba	GMD	Dalasi	Gambia
AFN	Afghani	Afghanistan	CVE	Cabo Verde escudo	Cabo Verde	GNF	Guinean franc	Guinea
ALL	Albanian lek	Albania	CZK	Czech koruna	Czechia	GTQ	Quetzal	Guatemala
AMD	Armenian dram	Armenia				GYD	Guyana dollar	Guyana
ANG	Netherlands Antillean guilder	Curaçao Sint Maarten (southern part)	DJF	Djibouti franc	Djibouti			
AOA	Kwanza	Angola	DKK	Danish krone	Denmark Faroe Islands Greenland	HKD	Hong Kong dollar	Hong Kong
ARS	Argentine peso	Argentina	DOP	Dominican peso	Dominican Republic	HNL	Lempira	Honduras
AUD	Australian dollar	Australia Christmas Island Cocos Islands Kiribati Nauru Norfolk Island Tuvalu	DZD	Algerian dinar	Algeria	HTG	Gourde	Haiti
			EGP	Egyptian pound	Egypt	HUF	Hungarian forint	Hungary
AWG	Aruban florin	Aruba	ERN	Nakfa	Eritrea	IDR	Indonesian rupiah	Indonesia
AZN	Azerbaijan manat	Azerbaijan	ETB	Birr	Ethiopia	ILS	New shekel	Israel
			EUR	Euro	Austria Belgium Croatia Cyprus Estonia Finland France Germany Greece Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain	INR	Indian rupee	India Bhutan
BAM	Convertible marka	Bosnia and Herzegovina				IQD	Iraqi dinar	Iraq
BBD	Barbados dollar	Barbados				IRR	Iranian rial	Iran, Islamic Republic of
BDT	Taka	Bangladesh				ISK	Icelandic krona	Iceland
BGN	Bulgarian lev	Bulgaria						
BHD	Bahraini dinar	Bahrain				JMD	Jamaican dollar	Jamaica
BIF	Burundi franc	Burundi				JOD	Jordanian dinar	Jordan
BMD	Bermudian dollar	Bermuda				JPY	Japanese yen	Japan
BND	Brunei dollar	Brunei Darussalam						
BOB	Boliviano	Bolivia, Plurinational State of				KES	Kenya shilling	Kenya
BRL	Brazilian real	Brazil				KGS	Kyrgyz som	Kyrgyzstan
BSD	Bahamian dollar	Bahamas				KHR	Riel	Cambodia
BTN	Ngultrum	Bhutan				KMF	Comorian franc	Comoros
BWP	Pula	Botswana				KPW	North Korean won	Korea, Democratic People's Republic of
BYN	Belarusian rouble	Belarus				KRW	South Korean won	Korea, Republic of
BZD	Belize dollar	Belize				KWD	Kuwaiti dinar	Kuwait
						KYD	Cayman Islands dollar	Cayman Islands
			FJD	Fiji dollar	Fiji	KZT	Tenge	Kazakhstan
CAD	Canadian dollar	Canada	FKP	Fakland Islands pound	Falkland Islands (Islas Malvinas)			
CDF	Congo franc	Congo, Democratic Republic of the				LAK	Kip	Lao People's Democratic Republic
CHF	Swiss franc	Switzerland Liechtenstein	GBP	Pound sterling	United Kingdom Guernsey Isle of Man Jersey	LBP	Lebanese pound	Lebanon
CLP	Chilean peso	Chile				LKR	Sri Lanka rupee	Sri Lanka
CNY	Chinese renminbi	China	GEL	Lari	Georgia	LRD	Liberian dollar	Liberia
COP	Colombian peso	Colombia	GHS	Ghana cedi	Ghana	LSL	Loti	Lesotho
CRC	Costa Rican colón	Costa Rica	GIP	Gibraltar pound	Gibraltar	LYD	Libyan dinar	Libya

* Extracted and compiled from ISO communications. 1 See Explanatory notes on individual countries, pp. 53 ff.

Explanatory notes

Euro foreign exchange reference rates of the European Central Bank

On 1 January 1999, 11 Member States of the European Union initially adopted the euro as their single currency. On 1 January 2001, Greece joined the euro area, followed by Slovenia on 1 January 2007, Cyprus and Malta on 1 January 2008, Slovakia on 1 January 2009, Estonia on 1 January 2011, Latvia on 1 January 2014, Lithuania on 1 January 2015 and Croatia on 1 January 2023 (for details, see Table I. 1., p. 7).

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

Since 4 January 1999, the ECB has published euro foreign exchange reference rates for selected currencies each working day. These rates are calculated on the basis of the daily concertation between central banks which takes place at 14:10 CET. Only one reference rate, i. e. the middle rate, is established by this procedure. For information on the framework for the euro foreign exchange reference rates, see the ECB's website: <https://www.ecb.europa.eu/stats/pdf/exchange/Frameworkfortheeuroforeignexchangerates.en.pdf?c883afa875c74877fdf4634dcb85688c>.

Effective euro exchange rates

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

tion (EBOPS) – Total EBOPS services) and also reflect third-market effects.

The table entitled "Overall trade weights used in the calculation of the effective exchange rates (EER) of the euro" on page 49 shows trading partners' membership of the extended or the broad EER group as well as their percentage weights. To prevent breaks in the time series, the indices of two consecutive weighting periods are chain-linked beyond the end of the preceding period. See the ECB's website for information on the revised trade weights published from July 2020 (<https://www.ecb.europa.eu/stats/pdf/exchange/updatedtradeweights201708202007.pdf?1f184ad85cc2c5ccef05680706893cde>).

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

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

Indicators of the German economy's price competitiveness

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

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

The group of 27 selected industrialised countries comprises the respective composition of euro area countries (see Table I. 1., p. 7) as well as Canada, Denmark, Japan,

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

Figures in %

As of 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.

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

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

Overview of world currencies

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

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

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

Value of the special drawing right

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

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

(2 May to 29 July, 2022) and the initial new percentage weights (column b) such that, on 29 July 2022, the new SDR value corresponded with the value calculated on the basis of the old basket (see <https://www.imf.org/en/Publications/Policy-Papers/Issues/2022/07/29/Review-of-the-Method-of-Valuation-of-the-SDR-Amendment-to-Rule-O-1-521564>).

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

The above-mentioned currency amounts are converted into US dollar amounts on the basis of the market rates on every business day. In principle, the middle rates between the buying and selling rates fixed at noon in the London spot exchange market are used as market rates. The sum of the US dollar equivalents of the currency amounts yields the value of the SDR expressed in terms of the US dollar. Values of the SDR in terms of all other currencies are ascertained, using the value for the SDR in terms of the US dollar, from the representative market exchange rates of these currencies vis-à-vis the US dollar; for the euro, it is the foreign exchange reference rate of the European Central Bank.

The current criteria for inclusion were adopted by the Executive Board in 2000. They establish that the SDR basket comprises the currencies that are issued by member countries or monetary unions whose exports had the largest value over a five-year period, and have been determined by the IMF to be "freely usable". In the case of a monetary union, exports of goods and services do not cover cross-border trade between the members of the monetary union.

The export criterion, which acts as a "gateway", aims to ensure that currencies that qualify for the basket are those issued by member countries or monetary unions that play a central role in the global economy. This criterion has been part of the SDR methodology since the 1970s.

The requirement for currencies in the SDR basket to be also freely usable is the second criterion, and it was incorporated in 2000 to reflect formally the importance of financial transactions for the purposes of valuing the SDR basket.

A "freely usable" currency is defined in the IMF's Articles of Agreement to mean a currency that the IMF determines is, in fact, widely used to make payments for international

transactions, and is widely traded in the major exchange markets. The concept of a freely usable currency concerns the actual international use and trading of a currency, and is different from whether a currency is either freely floating or fully convertible. A currency can be widely used and widely traded even if it is subject to some capital account restrictions. On the other hand, a currency that is fully convertible is not necessarily widely used and widely traded.

The formula adopted by the IMF for determining currency weights for the SDR basket assigns equal shares to the currency issuer's exports and a composite financial indicator. The financial indicator comprises, in equal shares, official reserves denominated in the member country's (or monetary union's) currency that are held by other monetary authorities that are not issuers of the relevant currency, foreign exchange turnover in the relevant currency, and the sum of all outstanding international bank liabilities and international debt securities denominated in the currency.

The IMF uses the SDR as unit of account for its transactions and for all conversions into national currencies. In addition, the SDR is used by public and private bodies in Germany and abroad, inter alia as the "successor" to those units of account which had hitherto been defined in terms of gold (e. g. gold francs).

Global exchange rate arrangements and monetary policy framework

The overview of the exchange rate arrangements and monetary policy framework as at the end of April 2022 (see Table VI., pp. 44-45) is based on the IMF's "Annual Report on Exchange Arrangements and Exchange Restrictions 2022", which can be accessed online (<https://www.elibrary-areaer.imf.org>).

The IMF's classification system is generally based on the actual, de facto exchange rate regimes identified and operating in member countries. These may differ from the official, de jure exchange rate arrangements in these countries.

Exchange rate arrangements are primarily classified on the basis of the degree to which the exchange rate is determined by the market rather than by official action, with market-determined exchange rates being on the whole more flexible. The IMF's system distinguishes between four major categories. The category "hard pegs" (fixed

exchange rate anchors) is subdivided into exchange arrangements with no separate legal tender and currency board arrangements (institutionalised, unilateral exchange rate peg). The category "soft pegs" (less stringent exchange rate anchors) comprises conventional fixed peg arrangements (exchange rate guarantee but no irrevocable parity), stabilised arrangements (exchange rate within a narrow band without any political obligation), crawling pegs (moving central rate without a band), crawl-like arrangements (moving central rate with an annual minimum rate of change) and pegged exchange rates within horizontal bands. The category "floating regimes" (market-determined rates) distinguishes between free-floating rates (intervention in exceptional cases only) and floating rates (more frequent modes of intervention). All other exchange rate arrangements are grouped under the category "residual" (other managed arrangements). The classification system presents members' exchange rate arrangements against alternative monetary policy frameworks in order to highlight the role of the exchange rate in broad economic policy and to illustrate that different exchange rate arrangements can be consistent with similar monetary frameworks.

The monetary policy frameworks listed are as follows.

Exchange rate anchor

The monetary authority buys or sells foreign exchange to maintain the exchange rate at its predetermined level or within a range. The exchange rate thus serves as the nominal anchor or intermediate target of monetary policy. These frameworks are associated with exchange rate arrangements with no separate legal tender, currency board arrangements, pegs (or stabilised arrangements) with or without bands, crawling pegs (or crawl-like arrangements) and other managed arrangements.

Monetary aggregate target

The monetary authority uses its instruments to achieve a target growth rate for a monetary aggregate, such as reserve money, M1 or M2, and the targeted aggregate becomes the nominal anchor or intermediate target of monetary policy.

Inflation-targeting framework

This involves the public announcement of numerical targets for inflation, with an institutional commitment by the monetary authority to achieve these targets, typically over a medium-term horizon. Additional key features normally include increased communication with the public and the markets about the plans and objectives of monetary policymakers and increased accountability of the central bank for achieving its inflation objectives. Monetary policy

decisions are often guided by the deviation of forecasts of future inflation from the announced inflation target, with the inflation forecast acting (implicitly or explicitly) as the intermediate target of monetary policy.

Other

The country has no explicitly stated nominal anchor, but rather monitors various indicators in conducting monetary policy. This category is also used when no relevant information on the country is available.

Explanatory notes on individual countries

Argentina

Capital controls were introduced by decree on 1 September 2019 in response to the escalating financial and sovereign debt crisis.

Since 23 December 2019 (the date on which Law 27541 entered into force), Argentina has been levying a tax (Impuesto Para una Argentina Inclusiva y Solidaria = PAÍS) of 30% on transactions such as the following:

- purchases of foreign currency banknotes and foreign exchange, including travellers' cheques, by Argentine residents;
- the exchange of foreign currency intended for the purchase of goods or services or for the purchase of services abroad;
- foreign transactions with Argentine bank cards.

The Argentine Tax Authority (Administración Federal de Ingresos Públicos = AFIP) has been levying additional taxes on the aforementioned transactions since 16 September 2020, which have been raised in several stages – the last time in November 2023 – to a total of no more than 125%. With effect from 13 December 2023, the Argentine peso was devalued and the additional taxes of the AFIP were combined to a uniform tax rate of 30%.

In addition, since 4 November 2022, there has been a separate settlement exchange rate for non-residents making payments on selected foreign credit, debit and prepaid cards for tourism purposes; this rate stood at 1,350 Argentine pesos to the US dollar at the beginning of March 2024.

Bangladesh

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

Benin

Benin, Burkina Faso, Côte d'Ivoire, Guinea-Bissau, Mali, Niger, Senegal and Togo all belong to the West African Economic and Monetary Union (Union Économique et Monétaire Ouest Africaine = UEMOA). The responsible

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

Bhutan

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

Brunei Darussalam

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

Burkina Faso

See Explanatory notes on Benin.

Cameroon

Cameroon, the Central African Republic, Chad, Congo, Equatorial Guinea and Gabon all belong to the Central African Economic and Monetary Community (Communauté Économique et Monétaire de l'Afrique Centrale = CEMAC). The responsible monetary authority is the Banque des Etats de l'Afrique Centrale, whose CFA franc (Franc de la Coopération Financière en Afrique Centrale = F.CFA) is legal tender only in the aforementioned countries.

Central African Republic

See Explanatory notes on Cameroon.

Chad

See Explanatory notes on Cameroon.

Congo

See Explanatory notes on Cameroon.

Cook Islands

The New Zealand dollar is also legal tender alongside the Cook Islands dollar (convertible at par).

Côte d'Ivoire

See Explanatory notes on Benin.

Cuba

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

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

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

In addition, it is understood that there is a black market where, according to press reports, the exchange rate to the US dollar stood at 315 Cuban pesos at the beginning of March 2024.

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

Egypt

The Egyptian pound was devalued on 6 March 2024.
We recorded the following exchange rates (buying/selling):

5 March 2024 USD 1 = EGP 30.75 / 30.85
 EUR 1 = EGP 33.3361 / 33.5525

6 March 2024 USD 1 = EGP 49.50 / 49.60
 EUR 1 = EGP 53.6729 / 54.1037.

Calculated using these exchange rates, the Egyptian pound experienced a devaluation of 37.8% against the US dollar and 37.9% against the euro (each calculated on the basis of the middle rates).

El Salvador

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

Equatorial Guinea

See Explanatory notes on Cameroon.

Eswatini

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

Gabon

See Explanatory notes on Cameroon.

Guinea-Bissau

See Explanatory notes on Benin.

India

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

Iran, Islamic Republic of

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

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

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

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

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

Kenya

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

Korea, Democratic People's Republic of

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

Lebanon

In February 2024, the exchange rate for the Lebanese pound was changed from USD 1 = LBP 15,000 to USD 1 = LBP 89,500. Based on these rates the Lebanese pound has depreciated by 83.2% against the US dollar.

Lesotho

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

Liberia

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

Macao

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

Mali

See Explanatory notes on Benin.

Namibia

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

New Caledonia

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

Niger

See Explanatory notes on Benin.

Nigeria

In January, the naira depreciated more strongly. Calculated using the exchange rates from the end of December 2023 and the end of January 2024, the naira depreciated by 33.7% against the US dollar and by 32.6% against the euro.

It is understood that there are different bureau de change rates alongside the official, published exchange rate.

Panama

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

Senegal

See Explanatory notes on Benin.

Singapore

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

Somalia

We have no exchange rates for the Somali shilling.

Syrian Arab Republic

It is understood that there are significantly different black market rates alongside the official, published exchange rates.

Togo

See Explanatory notes on Benin.

Turkmenistan

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

United Arab Emirates

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

United Kingdom

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

Venezuela, Bolivarian Republic of

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

Yemen

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

Zimbabwe

A weekly auction has been held via the Foreign Exchange Auction Trading System since 23 June 2020; see <https://www.rbz.co.zw/index.php/financial-markets/foreign-exchange-auction>.

It is also understood that there is a significantly different black market rate. According to press reports, this rate was around 18,250 Zimbabwe dollar to the US dollar at the beginning of March 2024.