

Exchange rate statistics

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Statistical Series

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Abbreviations and symbols

CU	Currency unit(s)
EC	European Community
ECB	European Central Bank
ECU	European Currency Unit
EER	Effective exchange rate
ERM	Exchange Rate Mechanism
EU	European Union
IMF	International Monetary Fund
ISO	International Organization for Standardization
SDR	Special drawing right
SITC	Standard International Trade Classification
SWIFT	Society for Worldwide Interbank Financial Telecommunication

B	Buying rate
M	Middle rate
S	Selling rate
V	Calculated value

e	Estimated
p	Provisional
r	Revised
.	Data unknown, not to be published or not meaningful
–	Nil

Discrepancies in the totals are due to rounding.

I. Euro area and exchange rate stability convergence criterion

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

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

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

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

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

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

2010; accession to the euro area on 1 January 2011. ⁵ Until 31 December 2014; accession to the euro area on 1 January 2015. ⁶ Until 31 December 2006; accession to the euro area on 1 January 2007. ⁷ Until 31 December 2007; accession to the euro area on 1 January 2008. ⁸ Until 31 December 2013; accession to the euro area on 1 January 2014. ⁹ Until 31 December 2008; accession to the euro area on 1 January 2009.

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

1. End-of-month and daily rates

EUR 1 = CU ...

EU member countries								
Period	Bulgaria	Croatia	Czechia	Denmark	Hungary	Poland	Romania	Sweden
	Bulgarian lev BGN	Kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	Swedish krona SEK
2020 July	1.9558	7.4815	26.175	7.4442	344.95	4.4034	4.8315	10.2835
Aug.	1.9558	7.5280	26.208	7.4439	354.54	4.3971	4.8398	10.2888
Sep.	1.9558	7.5565	27.233	7.4462	365.53	4.5462	4.8725	10.5713
Oct.	1.9558	7.5748	27.251	7.4466	367.45	4.6222	4.8725	10.3650
Nov.	1.9558	7.5538	26.192	7.4412	359.59	4.4710	4.8732	10.1778
Dec.	1.9558	7.5519	26.242	7.4409	363.89	4.5597	4.8683	10.0343
2021 Jan.	1.9558	7.5658	26.020	7.4370	358.39	4.5304	4.8750	10.1110
Feb.	1.9558	7.5830	26.195	7.4361	361.43	4.5186	4.8750	10.1388
Mar.	1.9558	7.5705	26.143	7.4373	363.27	4.6508	4.9223	10.2383
Apr.	1.9558	7.5465	25.883	7.4360	359.86	4.5635	4.9285	10.1640
May	1.9558	7.5062	25.454	7.4365	347.61	4.4856	4.9195	10.1210
June	1.9558	7.4913	25.488	7.4362	351.68	4.5201	4.9280	10.1110
July	1.9558	7.5003	25.501	7.4379	357.20	4.5636	4.9203	10.1868
2021 July 19	1.9558	7.5065	25.605	7.4377	359.48	4.5885	4.9268	10.2533
20	1.9558	7.5210	25.642	7.4381	359.45	4.5954	4.9255	10.2535
21	1.9558	7.5276	25.695	7.4385	360.20	4.5987	4.9255	10.2448
22	1.9558	7.5320	25.639	7.4382	357.87	4.5661	4.9227	10.2245
23	1.9558	7.5353	25.650	7.4382	359.13	4.5691	4.9227	10.2105
26	1.9558	7.5245	25.629	7.4372	361.65	4.5888	4.9223	10.2050
27	1.9558	7.5064	25.685	7.4371	359.43	4.5906	4.9196	10.1650
28	1.9558	7.5066	25.625	7.4373	359.72	4.5965	4.9213	10.1963
29	1.9558	7.5085	25.506	7.4376	358.08	4.5782	4.9215	10.1675
30	1.9558	7.5003	25.501	7.4379	357.20	4.5636	4.9203	10.1868
Aug. 2	1.9558	7.4963	25.476	7.4381	356.01	4.5562	4.9180	10.1910
3	1.9558	7.5005	25.490	7.4376	354.59	4.5562	4.9183	10.2045
4	1.9558	7.5009	25.440	7.4367	354.24	4.5438	4.9185	10.1970
5	1.9558	7.5008	25.415	7.4366	353.95	4.5480	4.9159	10.1983
6	1.9558	7.4978	25.413	7.4371	352.72	4.5563	4.9160	10.1683
9	1.9558	7.4995	25.391	7.4370	353.87	4.5645	4.9134	10.2175
10	1.9558	7.4985	25.382	7.4373	352.86	4.5755	4.9160	10.2145
11	1.9558	7.4955	25.405	7.4373	354.84	4.5858	4.9163	10.2305
12	1.9558	7.4988	25.393	7.4371	353.25	4.5876	4.9145	10.1883

		Other European and non-European countries								
		Australia	Brazil	Canada	China	Hong Kong	Iceland	India	Indonesia	
		Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Hong Kong dollar HKD	Icelandic krona ISK	Indian rupee INR	Indonesian rupiah IDR	
2020	July	1.6488	6.1219	1.5898	8.2637	9.1825	160.00	88.6355	17,364.00	
	Aug.	1.6214	6.4739	1.5601	8.1711	9.2536	164.30	87.4685	17,404.40	
	Sep.	1.6438	6.6308	1.5676	7.9720	9.0742	162.20	86.2990	17,497.84	
	Oct.	1.6563	6.7607	1.5556	7.8158	9.0706	164.40	87.1115	17,108.33	
	Nov.	1.6246	6.3519	1.5516	7.8798	9.2862	159.06	88.7322	16,966.44	
	Dec.	1.5896	6.3735	1.5633	8.0225	9.5142	156.10	89.6605	17,240.76	
2021	Jan.	1.5819	6.6568	1.5520	7.8047	9.4093	156.10	88.4320	16,994.16	
	Feb.	1.5605	6.6644	1.5331	7.8385	9.4010	152.90	89.5766	17,353.51	
	Mar.	1.5412	6.7409	1.4782	7.6812	9.1153	148.10	85.8130	17,030.56	
	Apr.	1.5581	6.4597	1.4834	7.8134	9.3816	149.60	89.4795	17,424.24	
	May	1.5775	6.3868	1.4727	7.7722	9.4690	147.60	88.5414	17,402.96	
	June	1.5853	5.9050	1.4722	7.6742	9.2293	146.50	88.3240	17,280.30	
	July	1.6133	6.0716	1.4791	7.6838	9.2451	146.60	88.3941	17,184.46	
2021	July 19	1.6043	6.0813	1.5028	7.6344	9.1419	146.10	88.2260	17,144.20	
	20	1.6082	6.1633	1.5023	7.6305	9.1529	146.90	87.9210	17,143.51	
	21	1.6089	6.1732	1.4932	7.6201	9.1518	148.00	87.7895	17,119.80	
	22	1.5959	6.1029	1.4779	7.6153	9.1506	148.20	87.6615	17,063.23	
	23	1.5944	6.1009	1.4788	7.6224	9.1420	149.00	87.5905	17,050.24	
	26	1.6010	6.1546	1.4804	7.6426	9.1656	148.60	87.7305	17,084.23	
	27	1.6029	6.1288	1.4839	7.6799	9.1915	149.00	87.9130	17,109.52	
	28	1.6081	6.0931	1.4840	7.6722	9.1880	148.40	87.8330	17,117.84	
	29	1.6062	6.0419	1.4808	7.6691	9.2272	147.20	88.1675	17,172.66	
	30	1.6133	6.0716	1.4791	7.6838	9.2451	146.60	88.3941	17,184.46	
	Aug.	2	1.6141	6.1459	1.4816	7.6807	9.2398	146.80	88.3960	17,089.57
		3	1.6086	6.1791	1.4874	7.6818	9.2428	146.60	88.2175	16,995.64
4		1.6002	6.1610	1.4880	7.6638	9.2236	147.60	87.9575	16,965.65	
5		1.5990	6.1064	1.4817	7.6555	9.2160	148.00	87.8256	16,993.36	
6		1.5968	6.1594	1.4763	7.6379	9.1827	147.80	87.4993	16,934.12	
9		1.6002	6.1735	1.4747	7.6190	9.1521	147.80	87.3195	16,916.78	
10		1.5965	6.1471	1.4729	7.5975	9.1228	148.20	87.1930	16,863.01	
11		1.5958	6.1113	1.4677	7.5996	9.1187	148.00	87.1605	16,881.52	
12		1.5963	6.1263	1.4694	7.6036	9.1336	148.00	87.1095	16,844.57	

* See Explanatory notes, p. 48.

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

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

EUR 1 = CU ...

Other European and non-European countries (cont'd)								
Period	Israel New shekel ILS	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW	Malaysia Malaysian ringgit MYR	Mexico Mexican peso MXN	New Zealand New Zealand dollar NZD	Norway Norwegian krone NOK	Philippines Philippines peso PHP
2020 July	4.0312	124.31	1,409.56	5.0230	26.2780	1.7771	10.7323	58.124
Aug.	4.0131	126.47	1,415.76	4.9736	26.0590	1.7728	10.4550	57.837
Sep.	4.0277	123.76	1,368.51	4.8653	26.1848	1.7799	11.1008	56.774
Oct.	3.9881	122.36	1,324.20	4.8588	24.8416	1.7565	11.0940	56.635
Nov.	3.9644	124.79	1,326.08	4.8807	24.0499	1.7027	10.5610	57.690
Dec.	3.9447	126.49	1,336.00	4.9340	24.4160	1.6984	10.4703	59.125
2021 Jan.	3.9814	127.05	1,354.98	4.9060	24.5417	1.6863	10.3430	58.333
Feb.	4.0072	128.83	1,367.10	4.9096	25.2879	1.6622	10.4012	59.090
Mar.	3.9178	129.91	1,324.19	4.8618	24.0506	1.6769	9.9955	56.901
Apr.	3.9199	131.62	1,346.24	4.9482	24.2345	1.6738	9.9533	58.286
May	3.9608	133.79	1,352.04	5.0323	24.3131	1.6799	10.2183	58.138
June	3.8763	131.43	1,341.41	4.9336	23.5784	1.7026	10.1717	58.063
July	3.8403	130.39	1,368.74	5.0180	23.6277	1.6990	10.4405	59.479
2021 July 19	3.8781	128.96	1,357.53	4.9717	23.5865	1.6986	10.5380	59.865
20	3.8810	129.03	1,352.39	4.9743	23.5990	1.7049	10.6170	60.005
21	3.8755	129.63	1,359.56	4.9825	23.7740	1.7004	10.5808	59.396
22	3.8524	129.83	1,352.59	4.9726	23.7290	1.6906	10.3795	58.921
23	3.8510	130.11	1,354.19	4.9733	23.6237	1.6846	10.4065	59.120
26	3.8487	130.05	1,360.69	4.9877	23.6826	1.6889	10.4270	59.342
27	3.8411	129.98	1,360.75	4.9990	23.6687	1.6956	10.4423	59.553
28	3.8492	129.97	1,362.99	5.0003	23.5823	1.7013	10.4828	59.465
29	3.8521	130.41	1,360.07	5.0324	23.5655	1.6986	10.3993	59.722
30	3.8403	130.39	1,368.74	5.0180	23.6277	1.6990	10.4405	59.479
Aug. 2	3.8321	130.17	1,367.67	5.0218	23.5605	1.7041	10.4515	59.211
3	3.8211	129.70	1,364.59	5.0161	23.5939	1.6953	10.4343	58.946
4	3.8035	129.31	1,355.44	5.0077	23.5576	1.6784	10.4550	58.988
5	3.8035	129.79	1,353.34	4.9977	23.6112	1.6759	10.4410	59.660
6	3.7967	129.64	1,349.15	4.9814	23.5178	1.6737	10.4230	59.644
9	3.7851	129.50	1,345.82	4.9731	23.5526	1.6763	10.4885	59.275
10	3.7825	129.48	1,349.76	4.9566	23.5629	1.6758	10.4680	59.007
11	3.7694	129.68	1,357.41	4.9684	23.5291	1.6704	10.4548	59.126
12	3.7817	129.61	1,365.19	4.9691	23.3570	1.6716	10.3755	59.231

Other European and non-European countries (cont'd)								
Period	Russian Federation Russian rouble RUB	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
2020 July	87.6900	1.6245	20.0960	1.0769	36.948	8.2595	0.90053	1.1848
Aug.	88.2993	1.6235	19.9589	1.0774	37.098	8.7770	0.89605	1.1940
Sep.	91.7763	1.6035	19.7092	1.0804	37.079	9.0990	0.91235	1.1708
Oct.	92.4606	1.5952	19.0359	1.0698	36.439	9.7940	0.90208	1.1698
Nov.	91.1439	1.6029	18.4251	1.0839	36.257	9.3155	0.89845	1.1980
Dec.	91.4671	1.6218	18.0219	1.0802	36.727	9.1131	0.89903	1.2271
2021 Jan.	91.8979	1.6121	18.3058	1.0798	36.287	8.8772	0.88383	1.2136
Feb.	90.6697	1.6106	18.1025	1.0986	36.799	9.0168	0.87053	1.2121
Mar.	88.3175	1.5768	17.3484	1.1070	36.658	9.7250	0.85209	1.1725
Apr.	90.7108	1.6045	17.3875	1.0998	37.648	9.9777	0.86863	1.2082
May	89.5350	1.6130	16.7974	1.0982	38.067	10.3728	0.86013	1.2201
June	86.7725	1.5976	17.0114	1.0980	38.118	10.3210	0.85805	1.1884
July	86.7116	1.6090	17.3283	1.0771	39.098	9.9985	0.85140	1.1891
2021 July 19	87.9317	1.6045	17.0741	1.0840	38.663	10.1142	0.85913	1.1766
20	87.6775	1.6106	17.1349	1.0838	38.634	10.0664	0.86545	1.1775
21	87.5209	1.6104	17.2811	1.0848	38.695	10.1063	0.86363	1.1772
22	86.9522	1.6020	17.1449	1.0829	38.704	10.0717	0.85563	1.1775
23	86.6254	1.5997	17.3882	1.0838	38.743	10.0573	0.85543	1.1767
26	87.1713	1.6032	17.4846	1.0826	38.832	10.0973	0.85468	1.1787
27	87.0133	1.6059	17.5332	1.0806	38.926	10.1070	0.85503	1.1810
28	86.7666	1.6057	17.4792	1.0802	38.780	10.0973	0.85095	1.1807
29	87.0021	1.6072	17.3117	1.0788	39.003	10.0851	0.85080	1.1873
30	86.7116	1.6090	17.3283	1.0771	39.098	9.9985	0.85140	1.1891
Aug. 2	86.4182	1.6069	17.0993	1.0761	39.152	9.9181	0.85568	1.1886
3	86.7063	1.6056	17.1001	1.0735	39.244	9.9576	0.85355	1.1885
4	86.5106	1.6000	16.9211	1.0729	39.272	10.0115	0.85153	1.1861
5	86.5784	1.5996	17.0232	1.0733	39.389	10.1155	0.85060	1.1850
6	86.4194	1.5952	17.0983	1.0724	39.359	10.1385	0.84840	1.1807
9	86.3776	1.5943	17.2075	1.0786	39.329	10.1679	0.84745	1.1761
10	86.3225	1.5920	17.3605	1.0813	39.222	10.0813	0.84568	1.1722
11	86.8412	1.5924	17.3326	1.0818	39.062	10.1467	0.84698	1.1718
12	86.2888	1.5933	17.2780	1.0824	38.762	10.0553	0.84743	1.1739

* See Explanatory notes, p. 48.

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

2. Annual and monthly averages +

EUR 1 = CU ...

EU member countries								
Period	Bulgaria	Croatia	Czechia	Denmark	Hungary	Poland	Romania	Sweden
	Bulgarian lev BGN	Kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	Swedish krona SEK
2019	1.9558	7.4180	25.670	7.4661	325.30	4.2976	4.7453	10.5891
2020	1.9558	7.5384	26.455	7.4542	351.25	4.4430	4.8383	10.4848
2019 June	1.9558	7.4079	25.605	7.4669	322.56	4.2635	4.7250	10.6263
July	1.9558	7.3903	25.548	7.4656	325.27	4.2596	4.7286	10.5604
Aug.	1.9558	7.3897	25.802	7.4602	326.91	4.3466	4.7280	10.7356
Sep.	1.9558	7.4012	25.868	7.4634	332.45	4.3531	4.7381	10.6968
Oct.	1.9558	7.4363	25.689	7.4693	331.46	4.3013	4.7538	10.8023
Nov.	1.9558	7.4400	25.531	7.4720	333.62	4.2855	4.7698	10.6497
Dec.	1.9558	7.4416	25.497	7.4720	330.71	4.2726	4.7779	10.4827
2020 Jan.	1.9558	7.4429	25.216	7.4729	334.38	4.2507	4.7788	10.5544
Feb.	1.9558	7.4543	25.051	7.4713	337.17	4.2766	4.7837	10.5679
Mar.	1.9558	7.5706	26.575	7.4703	345.68	4.4406	4.8282	10.8751
Apr.	1.9558	7.5928	27.262	7.4617	356.69	4.5437	4.8371	10.8845
May	1.9558	7.5749	27.269	7.4577	350.76	4.5251	4.8371	10.5970
June	1.9558	7.5682	26.681	7.4548	347.69	4.4450	4.8392	10.4869
July	1.9558	7.5296	26.514	7.4467	351.16	4.4493	4.8383	10.3538
Aug.	1.9558	7.5077	26.167	7.4460	348.93	4.3995	4.8376	10.3087
Sep.	1.9558	7.5417	26.741	7.4418	360.61	4.4727	4.8602	10.4279
Oct.	1.9558	7.5746	27.213	7.4424	362.53	4.5414	4.8747	10.3967
Nov.	1.9558	7.5623	26.466	7.4459	359.84	4.4949	4.8704	10.2311
Dec.	1.9558	7.5417	26.311	7.4412	359.02	4.4786	4.8703	10.1736
2021 Jan.	1.9558	7.5653	26.141	7.4387	359.19	4.5333	4.8732	10.0952
Feb.	1.9558	7.5729	25.876	7.4367	358.15	4.4968	4.8750	10.0887
Mar.	1.9558	7.5783	26.178	7.4363	365.61	4.5991	4.8884	10.1692
Apr.	1.9558	7.5679	25.924	7.4367	360.58	4.5615	4.9231	10.1620
May	1.9558	7.5226	25.558	7.4362	353.65	4.5281	4.9250	10.1471
June	1.9558	7.4980	25.454	7.4364	349.94	4.5005	4.9238	10.1172
July	1.9558	7.5027	25.636	7.4373	357.26	4.5616	4.9255	10.1979

Other European and non-European countries								
	Australia	Brazil	Canada	China	Hong Kong	Iceland	India	Indonesia
	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Hong Kong dollar HKD	Icelandic krona ISK	Indian rupee INR	Indonesian rupiah IDR
2019	1.6109	4.4134	1.4855	7.7355	8.7715	137.28	78.8361	15,835.27
2020	1.6549	5.8943	1.5300	7.8747	8.8587	154.59	84.6392	16,627.37
2019 June	1.6264	4.3600	1.5011	7.7937	8.8383	140.82	78.4078	16,060.27
July	1.6061	4.2416	1.4693	7.7151	8.7638	139.87	77.1279	15,745.50
Aug.	1.6431	4.4649	1.4768	7.8581	8.7243	137.66	79.1902	15,838.62
Sep.	1.6162	4.5307	1.4578	7.8323	8.6224	137.57	78.5678	15,511.84
Oct.	1.6271	4.5212	1.4581	7.8447	8.6678	137.73	78.5177	15,604.45
Nov.	1.6181	4.5900	1.4630	7.7571	8.6511	136.52	78.9799	15,546.69
Dec.	1.6154	4.5700	1.4640	7.7974	8.6744	135.63	79.1092	15,568.87
2020 Jan.	1.6189	4.6020	1.4523	7.6832	8.6283	137.10	79.1342	15,236.08
Feb.	1.6356	4.7327	1.4485	7.6302	8.4785	138.23	77.9818	15,032.66
Mar.	1.7788	5.3986	1.5417	7.7675	8.5907	149.11	82.4374	16,851.13
Apr.	1.7271	5.7807	1.5287	7.6858	8.4194	157.11	82.7869	17,178.89
May	1.6724	6.1499	1.5219	7.7482	8.4511	156.61	82.4983	16,198.23
June	1.6322	5.8377	1.5254	7.9734	8.7226	152.71	85.2212	15,987.12
July	1.6304	6.0590	1.5481	8.0352	8.8854	158.49	85.8847	16,659.27
Aug.	1.6433	6.4381	1.5654	8.1954	9.1671	161.77	88.2309	17,402.53
Sep.	1.6307	6.3663	1.5586	8.0333	9.1393	162.69	86.7266	17,491.99
Oct.	1.6521	6.6170	1.5559	7.9225	9.1262	163.65	86.5891	17,348.27
Nov.	1.6266	6.4324	1.5472	7.8152	9.1775	161.90	87.8553	16,824.32
Dec.	1.6166	6.2658	1.5595	7.9602	9.4341	155.13	89.6081	17,226.83
2021 Jan.	1.5764	6.5102	1.5494	7.8730	9.4362	156.48	88.9936	17,111.98
Feb.	1.5605	6.5434	1.5354	7.8136	9.3794	155.26	88.0756	17,002.56
Mar.	1.5444	6.7247	1.4970	7.7465	9.2400	151.51	86.6550	17,135.25
Apr.	1.5544	6.6565	1.4975	7.8051	9.3064	150.75	89.4210	17,414.37
May	1.5653	6.4462	1.4732	7.8109	9.4317	149.66	88.9171	17,393.13
June	1.5761	6.0693	1.4713	7.7391	9.3507	146.84	88.6298	17,295.86
July	1.5926	6.0930	1.4806	7.6536	9.1862	147.10	88.1134	17,148.30

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

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

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

EUR 1 = CU ...

Other European and non-European countries (cont'd)								
Period	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 Philippines peso PHP
2019	3.9901	122.01	1,305.32	4.6374	21.5565	1.6998	9.8511	57.985
2020	3.9258	121.85	1,345.58	4.7959	24.5194	1.7561	10.7228	56.615
2019 June	4.0624	122.08	1,325.28	4.6968	21.7827	1.7119	9.7465	58.425
July	3.9758	121.41	1,320.29	4.6258	21.3614	1.6790	9.6587	57.338
Aug.	3.9046	118.18	1,347.10	4.6599	21.8925	1.7303	9.9742	58.075
Sep.	3.8769	118.24	1,315.02	4.6056	21.5374	1.7345	9.9203	57.306
Oct.	3.8882	119.51	1,308.65	4.6283	21.3687	1.7455	10.1165	56.860
Nov.	3.8472	120.34	1,291.19	4.5937	21.3399	1.7266	10.1087	56.062
Dec.	3.8630	121.24	1,306.19	4.6093	21.2640	1.6864	10.0429	56.432
2020 Jan.	3.8417	121.36	1,296.12	4.5279	20.8733	1.6811	9.9384	56.436
Feb.	3.7432	120.03	1,303.58	4.5391	20.5356	1.7064	10.1327	55.369
Mar.	3.9860	118.90	1,347.99	4.7549	24.7250	1.8276	11.2943	56.453
Apr.	3.8771	116.97	1,328.89	4.7307	26.3607	1.8109	11.3365	55.065
May	3.8348	116.87	1,340.44	4.7331	25.5652	1.7890	10.9862	55.121
June	3.8893	121.12	1,358.75	4.8118	25.0828	1.7473	10.7298	56.333
July	3.9331	122.38	1,374.16	4.8878	25.6999	1.7406	10.6544	56.619
Aug.	4.0214	125.40	1,403.44	4.9506	26.2544	1.7931	10.5797	57.682
Sep.	4.0350	124.50	1,388.68	4.8935	25.5361	1.7681	10.7769	57.223
Oct.	3.9966	123.89	1,347.03	4.8891	25.0613	1.7736	10.9220	57.107
Nov.	3.9773	123.61	1,319.66	4.8673	24.1554	1.7237	10.7453	57.127
Dec.	3.9513	126.28	1,332.54	4.9363	24.2914	1.7161	10.6008	58.527
2021 Jan.	3.9249	126.31	1,338.64	4.9154	24.2483	1.6924	10.3661	58.498
Feb.	3.9581	127.49	1,345.06	4.8944	24.5557	1.6702	10.2791	58.401
Mar.	3.9402	129.38	1,345.58	4.8907	24.7451	1.6686	10.1469	57.783
Apr.	3.9205	130.49	1,337.96	4.9358	24.0005	1.6788	10.0376	58.067
May	3.9623	132.57	1,364.47	5.0142	24.2682	1.6817	10.0931	58.222
June	3.9179	132.63	1,352.47	4.9808	24.1066	1.6944	10.1444	58.040
July	3.8668	130.35	1,354.46	4.9680	23.6101	1.6933	10.3767	59.264

Other European and non-European countries (cont'd)								
Period	Russian Federation Russian rouble RUB	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
2019	72.4553	1.5273	16.1757	1.1124	34.757	6.3578	0.87777	1.1195
2020	82.7248	1.5742	18.7655	1.0705	35.708	8.0547	0.88970	1.1422
2019 June	72.4028	1.5390	16.4749	1.1167	35.139	6.5619	0.89107	1.1293
July	70.9068	1.5268	15.7412	1.1076	34.550	6.3528	0.89942	1.1218
Aug.	73.2161	1.5408	16.8632	1.0892	34.218	6.2869	0.91554	1.1126
Sep.	71.4106	1.5183	16.3207	1.0903	33.639	6.2765	0.89092	1.1004
Oct.	71.0858	1.5150	16.4939	1.0981	33.558	6.4023	0.87539	1.1053
Nov.	70.5770	1.5047	16.3444	1.0978	33.422	6.3420	0.85761	1.1051
Dec.	69.9867	1.5081	16.0502	1.0925	33.562	6.5022	0.84731	1.1113
2020 Jan.	68.7690	1.5003	16.0091	1.0765	33.814	6.5808	0.84927	1.1100
Feb.	69.9107	1.5157	16.3640	1.0648	34.163	6.6195	0.84095	1.0905
Mar.	82.4264	1.5671	18.4175	1.0591	35.499	7.0170	0.89460	1.1063
Apr.	81.7454	1.5474	20.1822	1.0545	35.446	7.4617	0.87547	1.0862
May	79.2332	1.5461	19.7453	1.0574	34.953	7.5527	0.88685	1.0902
June	78.0103	1.5686	19.2726	1.0712	35.077	7.6807	0.89878	1.1255
July	82.0171	1.5906	19.2174	1.0711	36.014	7.8843	0.90467	1.1463
Aug.	87.3520	1.6195	20.3836	1.0767	36.911	8.6144	0.90081	1.1828
Sep.	89.5997	1.6104	19.7338	1.0786	36.997	8.9084	0.90947	1.1792
Oct.	91.4320	1.6008	19.3657	1.0739	36.796	9.3701	0.90741	1.1775
Nov.	91.0097	1.5944	18.4019	1.0785	36.041	9.4522	0.89605	1.1838
Dec.	90.2398	1.6218	18.1286	1.0814	36.610	9.3817	0.90624	1.2170
2021 Jan.	90.5697	1.6140	18.4295	1.0794	36.528	9.0059	0.89267	1.2171
Feb.	89.9554	1.6060	17.8629	1.0858	36.307	8.5785	0.87268	1.2098
Mar.	88.6326	1.5975	17.8284	1.1065	36.632	9.1301	0.85873	1.1899
Apr.	91.1446	1.5975	17.2486	1.1031	37.551	9.7936	0.86527	1.1979
May	89.8737	1.6153	17.0766	1.0968	37.992	10.1852	0.86258	1.2146
June	87.4561	1.6062	16.7540	1.0940	37.873	10.3823	0.85872	1.2047
July	87.3970	1.6019	17.1648	1.0856	38.586	10.1587	0.85613	1.1822

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

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

3. End-of-year rates and annual averages

EUR 1 = CU ...

Period	EU member countries								
	Bulgaria Bulgarian lev BGN	Croatia Kuna HRK	Cyprus Cyprus pound CYP ¹	Czechia Czech koruna CZK	Denmark Danish krone DKK	Estonia Estonian kroon EEK ¹	Hungary Hungarian forint HUF	Latvia Latvian lats LVL ¹	Lithuania Lithuanian litas LTL ¹
End of year									
2007	1.9558	7.3308	0.585274	26.628	7.4583	15.6466	253.73	0.6964	3.4528
2008	1.9558	7.3555	–	26.875	7.4506	15.6466	266.70	0.7083	3.4528
2009	1.9558	7.3000	–	26.473	7.4418	15.6466	270.42	0.7093	3.4528
2010	1.9558	7.3830	–	25.061	7.4535	15.6466	277.95	0.7094	3.4528
2011	1.9558	7.5370	–	25.787	7.4342	–	314.58	0.6995	3.4528
2012	1.9558	7.5575	–	25.151	7.4610	–	292.30	0.6977	3.4528
2013	1.9558	7.6265	–	27.427	7.4593	–	297.04	0.702804	3.4528
2014	1.9558	7.6580	–	27.735	7.4453	–	315.54	–	3.4528
2015	1.9558	7.6380	–	27.023	7.4626	–	315.98	–	–
2016	1.9558	7.5597	–	27.021	7.4344	–	309.83	–	–
2017	1.9558	7.4400	–	25.535	7.4449	–	310.33	–	–
2018	1.9558	7.4125	–	25.724	7.4673	–	320.98	–	–
2019	1.9558	7.4395	–	25.408	7.4715	–	330.53	–	–
2020	1.9558	7.5519	–	26.242	7.4409	–	363.89	–	–
Annual averages +									
2007	1.9558	7.3376	0.58263	27.766	7.4506	15.6466	251.35	0.7001	3.4528
2008	1.9558	7.2239	–	24.946	7.4560	15.6466	251.51	0.7027	3.4528
2009	1.9558	7.3400	–	26.435	7.4462	15.6466	280.33	0.7057	3.4528
2010	1.9558	7.2891	–	25.284	7.4473	15.6466	275.48	0.7087	3.4528
2011	1.9558	7.4390	–	24.590	7.4506	–	279.37	0.7063	3.4528
2012	1.9558	7.5217	–	25.149	7.4437	–	289.25	0.6973	3.4528
2013	1.9558	7.5786	–	25.980	7.4579	–	296.87	0.7015	3.4528
2014	1.9558	7.6344	–	27.536	7.4548	–	308.71	–	3.4528
2015	1.9558	7.6137	–	27.279	7.4587	–	310.00	–	–
2016	1.9558	7.5333	–	27.034	7.4452	–	311.44	–	–
2017	1.9558	7.4637	–	26.326	7.4386	–	309.19	–	–
2018	1.9558	7.4182	–	25.647	7.4532	–	318.89	–	–
2019	1.9558	7.4180	–	25.670	7.4661	–	325.30	–	–
2020	1.9558	7.5384	–	26.455	7.4542	–	351.25	–	–

Period	EU member countries (cont'd)					Other European and non-European countries			
	Malta Maltese lira MTL ¹	Poland Polish zloty PLN	Romania Romanian leu RON	Slovakia Slovak koruna SKK ¹	Sweden Swedish krona SEK	Australia Australian dollar AUD	Brazil Brazilian real BRL ²	Canada Canadian dollar CAD	China Chinese yuan renminbi CNY
End of year									
2007	0.4293	3.5935	3.6077	33.583	9.4415	1.6757	2.5914	1.4449	10.7524
2008	–	4.1535	4.0225	30.126	10.8700	2.0274	3.2436	1.6998	9.4956
2009	–	4.1045	4.2363	–	10.2520	1.6008	2.5113	1.5128	9.8350
2010	–	3.9750	4.2620	–	8.9655	1.3136	2.2177	1.3322	8.8220
2011	–	4.4580	4.3233	–	8.9120	1.2723	2.4159	1.3215	8.1588
2012	–	4.0740	4.4445	–	8.5820	1.2712	2.7036	1.3137	8.2207
2013	–	4.1543	4.4710	–	8.8591	1.5423	3.2576	1.4671	8.3491
2014	–	4.2732	4.4828	–	9.3930	1.4829	3.2207	1.4063	7.5358
2015	–	4.2639	4.5240	–	9.1895	1.4897	4.3117	1.5116	7.0608
2016	–	4.4103	4.5390	–	9.5525	1.4596	3.4305	1.4188	7.3202
2017	–	4.1770	4.6585	–	9.8438	1.5346	3.9729	1.5039	7.8044
2018	–	4.3014	4.6635	–	10.2548	1.6220	4.4440	1.5605	7.8751
2019	–	4.2568	4.7830	–	10.4468	1.5995	4.5157	1.4598	7.8205
2020	–	4.5597	4.8683	–	10.0343	1.5896	6.3735	1.5633	8.0225
Annual averages +									
2007	0.4293	3.7837	3.3353	33.775	9.2501	1.6348	2.6633	1.4678	10.4178
2008	–	3.5121	3.6826	31.262	9.6152	1.7416	2.6737	1.5594	10.2236
2009	–	4.3276	4.2399	–	10.6191	1.7727	2.7674	1.5850	9.5277
2010	–	3.9947	4.2122	–	9.5373	1.4423	2.3314	1.3651	8.9712
2011	–	4.1206	4.2391	–	9.0298	1.3484	2.3265	1.3761	8.9960
2012	–	4.1847	4.4593	–	8.7041	1.2407	2.5084	1.2842	8.1052
2013	–	4.1975	4.4190	–	8.6515	1.3777	2.8687	1.3684	8.1646
2014	–	4.1843	4.4437	–	9.0985	1.4719	3.1211	1.4661	8.1857
2015	–	4.1841	4.4454	–	9.3535	1.4777	3.7004	1.4186	6.9733
2016	–	4.3632	4.4904	–	9.4689	1.4883	3.8561	1.4659	7.3522
2017	–	4.2570	4.5688	–	9.6351	1.4732	3.6054	1.4647	7.6290
2018	–	4.2615	4.6540	–	10.2583	1.5797	4.3085	1.5294	7.8081
2019	–	4.2976	4.7453	–	10.5891	1.6109	4.4134	1.4855	7.7355
2020	–	4.4430	4.8383	–	10.4848	1.6549	5.8943	1.5300	7.8747

* 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 Up to December 2007, ECB indicative rates.

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)										
Period	Hong Kong Hong Kong dollar HKD	Iceland Icelandic krona ISK ¹	India Indian rupee INR ²	Indonesia Indonesian rupiah IDR	Israel New shekel ILS ³	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW	Malaysia Malaysian ringgit MYR	Mexico Mexican peso MXN ⁴	New Zealand New Zealand dollar NZD
End of year										
2007	11.4800	91.90	57.8620	13,826.70	5.6539	164.93	1,377.96	4.8682	16.0732	1.9024
2008	10.7858	—	67.4370	15,239.12	5.2919	126.14	1,839.13	4.8048	19.2333	2.4191
2009	11.1709	—	67.0400	13,626.13	5.4524	133.16	1,666.97	4.9326	18.9223	1.9803
2010	10.3856	—	59.7580	12,002.14	4.7321	108.65	1,499.06	4.0950	16.5475	1.7200
2011	10.0510	—	68.7130	11,731.47	4.9453	100.20	1,498.69	4.1055	18.0512	1.6737
2012	10.2260	—	72.5600	12,713.97	4.9258	113.61	1,406.23	4.0347	17.1845	1.6045
2013	10.6933	—	85.3660	16,764.78	4.7880	144.72	1,450.93	4.5221	18.0731	1.6762
2014	9.4170	—	76.7190	15,076.10	4.7200	145.23	1,324.80	4.2473	17.8679	1.5525
2015	8.4376	—	72.0215	15,039.99	4.2481	131.07	1,280.78	4.6959	18.9145	1.5923
2016	8.1751	—	71.5935	14,173.43	4.0477	123.40	1,269.36	4.7287	21.7719	1.5158
2017	9.3720	—	76.6055	16,239.12	4.1635	135.01	1,279.61	4.8536	23.6612	1.6850
2018	8.9675	133.20	79.7298	16,500.00	4.2972	125.85	1,277.93	4.7317	22.4921	1.7056
2019	8.7473	135.80	80.1870	15,595.60	3.8845	121.94	1,296.28	4.5953	21.2202	1.6653
2020	9.5142	156.10	89.6605	17,240.76	3.9447	126.49	1,336.00	4.9340	24.4160	1.6984
Annual averages +										
2007	10.6912	87.63	56.4186	12,528.33	5.6278	161.25	1,272.99	4.7076	14.9743	1.8627
2008	11.4541	143.83	63.6143	14,165.16	5.2561	152.45	1,606.09	4.8893	16.2911	2.0770
2009	10.8114	—	67.3611	14,443.74	5.4668	130.34	1,772.90	4.9079	18.7989	2.2121
2010	10.2994	—	60.5878	12,041.70	4.9457	116.24	1,531.82	4.2668	16.7373	1.8377
2011	10.8362	—	64.8859	12,206.51	4.9775	110.96	1,541.23	4.2558	17.2877	1.7600
2012	9.9663	—	68.5973	12,045.73	4.9536	102.49	1,447.69	3.9672	16.9029	1.5867
2013	10.3016	—	77.9300	13,857.50	4.7948	129.66	1,453.91	4.1855	16.9641	1.6206
2014	10.3025	—	81.0406	15,748.92	4.7449	140.31	1,398.14	4.3446	17.6550	1.5995
2015	8.6014	—	71.1956	14,870.39	4.3122	134.31	1,256.54	4.3373	17.6157	1.5930
2016	8.5922	—	74.3717	14,720.83	4.2489	120.20	1,284.18	4.5835	20.6673	1.5886
2017	8.8045	—	73.5324	15,118.01	4.0622	126.71	1,276.74	4.8527	21.3286	1.5897
2018	9.2559	127.89	80.7332	16,803.22	4.2423	130.40	1,299.07	4.7634	22.7054	1.7065
2019	8.7715	137.28	78.8361	15,835.27	3.9901	122.01	1,305.32	4.6374	21.5565	1.6998
2020	8.8587	154.59	84.6392	16,627.37	3.9258	121.85	1,345.58	4.7959	24.5194	1.7561

Other European and non-European countries (cont'd)										
Period	Norway Norwegian krona NOK	Philippines Philippine peso PHP	Russian Federation Russian rouble RUB	Singapore Singapore dollar SGD	South Africa South African rand ZAR	Switzerland Swiss franc CHF	Thailand Thai baht THB	Turkey Turkish lira ⁵ TRY	United Kingdom Pound sterling GBP	United States US dollar USD
End of year										
2007	7.9580	60.724	35.9860	2.1163	10.0298	1.6547	43.800	1.7170	0.73335	1.4721
2008	9.7500	65.930	41.2830	2.0040	13.0667	1.4850	48.285	2.1488	0.95250	1.3917
2009	8.3000	66.507	43.1540	2.0194	10.6660	1.4836	47.986	2.1547	0.88810	1.4406
2010	7.8000	58.300	40.8200	1.7136	8.8625	1.2504	40.170	2.0694	0.86075	1.3362
2011	7.7540	56.754	41.7650	1.6819	10.4830	1.2156	40.991	2.4432	0.83530	1.2939
2012	7.3483	54.107	40.3295	1.6111	11.1727	1.2072	40.347	2.3551	0.81610	1.3194
2013	8.3630	61.289	45.3246	1.7414	14.5660	1.2276	45.178	2.9605	0.83370	1.3791
2014	9.0420	54.436	72.3370	1.6058	14.0353	1.2024	39.910	2.8320	0.77890	1.2141
2015	9.6030	50.999	80.6736	1.5417	16.9530	1.0835	39.248	3.1765	0.73395	1.0887
2016	9.0863	52.268	64.3000	1.5234	14.4570	1.0739	37.726	3.7072	0.85618	1.0541
2017	9.8403	59.795	69.3920	1.6024	14.8054	1.1702	39.121	4.5464	0.88723	1.1993
2018	9.9483	60.113	79.7153	1.5591	16.4594	1.1269	37.052	6.0588	0.89453	1.1450
2019	9.8638	56.900	69.9563	1.5111	15.7773	1.0854	33.415	6.6843	0.85080	1.1234
2020	10.4703	59.125	91.4671	1.6218	18.0219	1.0802	36.727	9.1131	0.89903	1.2271
Annual averages +										
2007	8.0165	63.026	35.0183	2.0636	9.6596	1.6427	44.214	1.7865	0.68434	1.3705
2008	8.2237	65.172	36.4207	2.0762	12.0590	1.5874	48.475	1.9064	0.79628	1.4708
2009	8.7278	66.338	44.1376	2.0241	11.6737	1.5100	47.804	2.1631	0.89094	1.3948
2010	8.0043	59.739	40.2629	1.8055	9.6984	1.3803	42.014	1.9965	0.85784	1.3257
2011	7.7934	60.260	40.8846	1.7489	10.0970	1.2326	42.429	2.3378	0.86788	1.3920
2012	7.4751	54.246	39.9262	1.6055	10.5511	1.2053	39.928	2.3135	0.81087	1.2848
2013	7.8067	56.428	42.3370	1.6619	12.8330	1.2311	40.830	2.5335	0.84926	1.3281
2014	8.3544	58.979	50.9518	1.6823	14.4037	1.2146	43.147	2.9065	0.80612	1.3285
2015	8.9496	50.522	68.0720	1.5255	14.1723	1.0679	38.028	3.0255	0.72584	1.1095
2016	9.2906	52.556	74.1446	1.5275	16.2645	1.0902	39.043	3.3433	0.81948	1.1069
2017	9.3270	56.973	65.9383	1.5588	15.0490	1.1117	38.296	4.1206	0.87667	1.1297
2018	9.5975	62.210	74.0416	1.5926	15.6186	1.1550	38.164	5.7077	0.88471	1.1810
2019	9.8511	57.985	72.4553	1.5273	16.1757	1.1124	34.757	6.3578	0.87777	1.1195
2020	10.7228	56.615	82.7248	1.5742	18.7655	1.0705	35.708	8.0547	0.88970	1.1422

* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. ¹ The ECB did not fix euro foreign exchange reference rates for the Icelandic krona from 4 December

2008 to 31 January 2018. ² Up to December 2008, ECB indicative rates. ³ Up to December 2010, ECB indicative rates. ⁴ Up to December 2007, ECB indicative rates. ⁵ Up to end-2008, New Turkish lira.

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

4. Exchange rates of major currencies

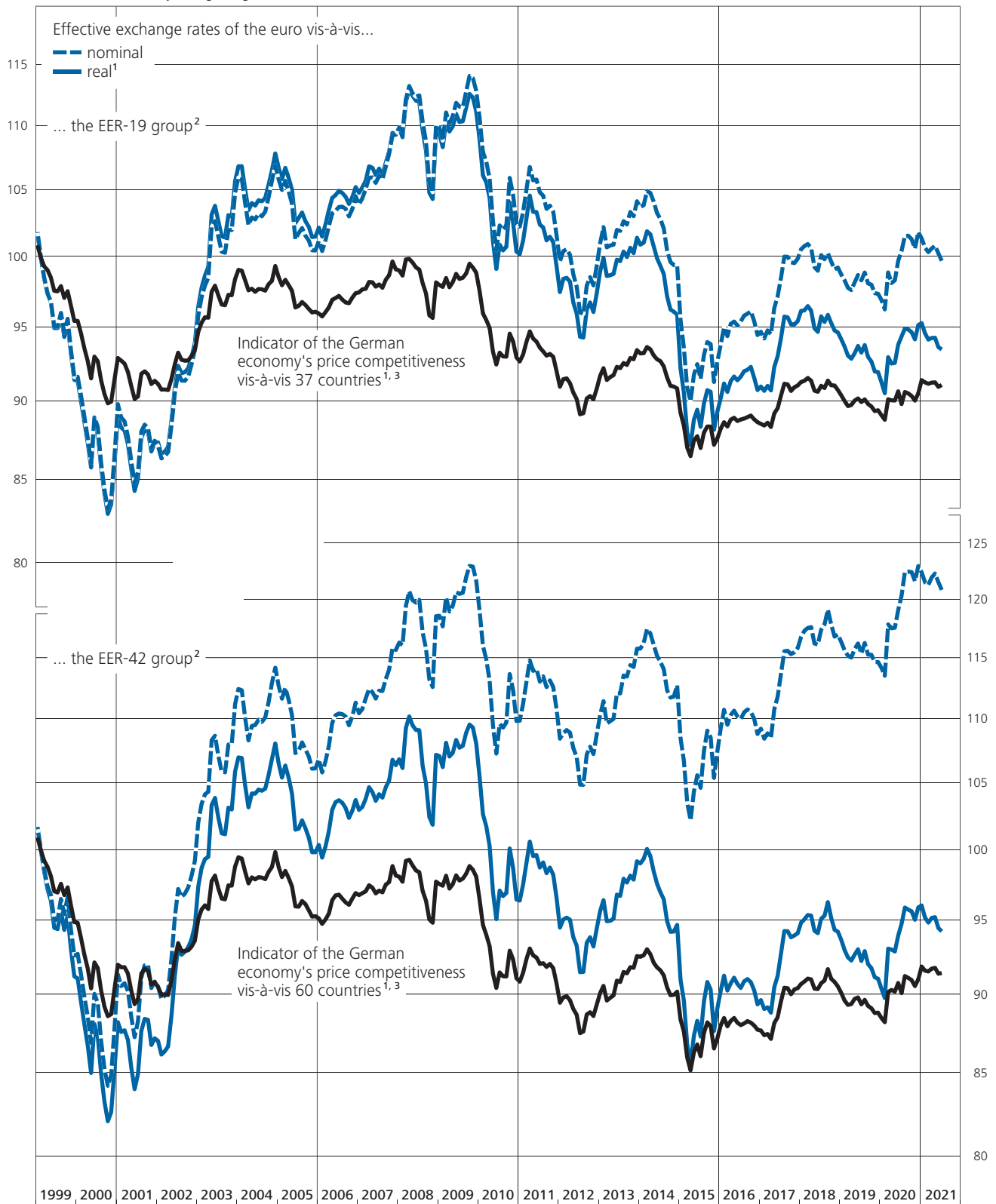


* See explanatory notes, p. 48. ¹ Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB.

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 19 respectively 42 most important trading partners of the euro area economy. ³ Includes the 37 respectively 60 most important trading partners of the German economy.

III. Effective exchange rates

2. Effective exchange rates of the euro *

Q1 1999 = 100

Effective exchange rates of the euro vis-à-vis the currencies of the group						
EER-19 ¹				EER-42 ¹		
Yearly, quarterly or monthly average	Nominal	In real terms based on consumer price indices	In real terms based on the deflators of gross domestic product	In real terms based on unit labour costs of national economy	Nominal	In real terms based on consumer price indices
1999	96.2	96.1	96.1	96.1	96.6	96.0
2000	87.1	86.8	86.1	85.5	88.1	86.1
2001	87.6	87.1	86.8	84.5	90.2	86.9
2002	89.8	90.2	89.9	88.0	94.5	90.5
2003	100.4	101.3	101.1	99.1	106.4	101.5
2004	104.2	105.2	104.1	102.3	110.9	105.3
2005	102.8	103.9	102.1	100.6	109.0	102.9
2006	102.8	103.8	101.5	99.5	109.1	102.2
2007	106.3	106.8	103.7	101.1	112.7	104.4
2008	110.1	109.7	105.9	104.9	117.4	106.9
2009	111.6	110.5	107.0	108.6	120.5	107.9
2010	104.4	102.8	98.8	100.9	111.9	99.0
2011	104.2	101.9	97.0	99.2	112.7	98.5
2012	98.5	96.7	91.4	93.5	107.5	93.7
2013	102.0	99.7	94.5	96.5	112.2	96.7
2014	102.3	99.1	94.4	96.5	114.5	97.1
2015	92.5	89.4	85.8	85.9	106.1	88.6
2016	95.2	91.4	88.1	p 87.1	110.1	90.6
2017	97.4	93.3	89.2	p 87.7	112.4	91.8
2018	99.9	95.5	90.6	p 89.2	117.3	94.9
2019	98.1	93.1	88.8	p 86.6	115.4	92.3
2020	99.6	93.5	p 89.2	p 87.5	119.4	93.8
2019 Aug.	98.8	93.7	89.2	p 87.0	116.2	92.9
2019 Sep.	98.1	92.9			115.3	92.0
2019 Oct.	98.0	92.6			115.2	91.7
2019 Nov.	97.4	92.0	88.5	p 85.8	114.6	91.1
2019 Dec.	97.3	91.9			114.6	91.0
2020 Jan.	96.9	91.2			114.1	90.4
2020 Feb.	96.2	90.5	88.0	p 86.7	113.5	89.7
2020 Mar.	98.8	92.9			117.8	93.0
2020 Apr.	98.1	92.5			117.5	93.0
2020 May	98.3	92.5	88.6	p 87.5	117.5	92.8
2020 June	99.7	93.8			119.1	93.9
2020 July	100.4	94.3			120.3	94.7
2020 Aug.	101.5	94.9	90.0	p 87.9	122.4	95.9
2020 Sep.	101.5	94.8			122.4	95.7
2020 Oct.	101.3	94.6			122.4	95.6
2020 Nov.	100.6	94.1	p 90.2	p 87.8	121.6	95.0
2020 Dec.	101.8	95.1			122.9	95.9
2021 Jan.	101.3	95.3			122.4	96.0
2021 Feb.	100.6	94.6	p 89.8	p 87.5	121.5	95.2
2021 Mar.	100.3	94.1			121.2	p 94.8
2021 Apr.	100.6	94.2			121.9	p 95.1
2021 May	100.8	p 94.2	...	...	122.3	p 95.2
2021 June	100.2	p 93.6			121.5	p 94.4
2021 July	99.7	p 93.4			120.8	p 94.2
2021 July 13	99.7	-	-	-	120.9	-
2021 July 14	99.5	-	-	-	120.6	-
2021 July 15	99.5	-	-	-	120.6	-
2021 July 16	99.6	-	-	-	120.6	-
2021 July 19	99.7	-	-	-	120.8	-
2021 July 20	99.8	-	-	-	120.9	-
2021 July 21	99.8	-	-	-	120.9	-
2021 July 22	99.5	-	-	-	120.5	-
2021 July 23	99.5	-	-	-	120.6	-
2021 July 26	99.6	-	-	-	120.8	-
2021 July 27	99.7	-	-	-	120.9	-
2021 July 28	99.7	-	-	-	120.8	-
2021 July 29	99.7	-	-	-	120.9	-
2021 July 30	99.8	-	-	-	120.9	-
2021 Aug. 2	99.8	-	-	-	120.9	-
2021 Aug. 3	99.7	-	-	-	120.8	-
2021 Aug. 4	99.5	-	-	-	120.6	-
2021 Aug. 5	99.5	-	-	-	120.6	-
2021 Aug. 6	99.3	-	-	-	120.4	-
2021 Aug. 9	99.2	-	-	-	120.3	-
2021 Aug. 10	99.0	-	-	-	120.1	-
2021 Aug. 11	99.1	-	-	-	120.2	-
2021 Aug. 12	99.2	-	-	-	120.1	-

* The weights are based on trade in manufactured goods and services. For information on methodology and grouping of countries, see Explanatory notes, pp. 48-50. A decline in the figures implies an increase in competitiveness. Where current price and

wage indices were not available, estimates were used. ¹ Includes the 19 respectively 42 most important trading partners for the euro area economy.

III. Effective exchange rates

3. Indicators of the German economy's price competitiveness *

Q1 1999 = 100

Yearly,
quarterly
or monthly
average

Based on the deflators of total sales vis-à-vis				Based on consumer price indices vis-à-vis				
26 selected industrial countries ¹			37 countries ²	26 selected industrial countries ¹			37 countries ²	60 countries ²
	of which:				of which:			
Total	Euro area countries	Non-euro area countries		Total	Euro area countries	Non-euro area countries		
97.9	99.6	95.9	97.7	98.2	100.1	96.0	98.1	97.8
91.9	97.4	85.5	91.1	93.0	99.0	86.0	92.2	91.2
91.7	96.5	86.1	90.5	92.9	98.1	86.8	91.6	91.0
92.4	95.6	88.5	91.1	93.4	96.8	89.4	92.1	91.9
95.9	94.7	97.7	95.3	97.0	95.7	98.9	96.6	96.8
96.2	93.5	100.1	95.6	98.4	95.3	102.7	98.1	98.4
94.8	91.9	98.9	93.3	98.4	95.1	103.0	97.0	96.7
93.5	90.3	98.3	91.6	98.5	94.8	103.9	96.6	96.0
94.5	89.6	102.1	92.0	100.8	95.1	109.5	98.2	97.3
94.9	88.3	105.2	91.3	102.3	94.5	114.5	98.3	97.6
95.2	89.1	104.7	92.0	101.8	94.4	113.4	98.5	97.9
92.5	88.7	98.3	88.2	98.7	94.0	105.6	94.2	92.5
92.1	88.5	97.6	87.4	98.1	93.6	104.6	93.4	91.9
90.1	88.3	92.5	84.7	95.8	93.2	99.4	90.5	88.9
92.3	88.8	97.5	86.7	98.1	93.3	105.0	92.2	90.9
92.9	89.6	97.7	87.4	98.1	93.5	104.6	92.4	91.5
89.8	90.3	88.9	83.6	94.3	94.0	94.3	87.7	86.9
90.7	90.7	90.4	84.9	94.9	94.0	95.9	88.7	88.1
91.8	90.8	93.2	85.6	96.3	94.2	99.0	89.8	88.9
92.8	90.7	95.9	86.4	97.6	94.3	102.3	91.1	90.8
91.8	90.9	93.1	85.5	96.3	94.3	99.1	89.9	89.4
91.9	91.1	92.9	86.0	96.4	94.2	99.4	90.0	90.2
93.3	90.5	97.3	86.7	98.2	94.3	103.8	91.3	90.8
				98.3	94.4	104.0	91.5	91.0
				98.3	94.3	104.1	91.3	91.0
92.9	90.7	96.1	86.2	97.6	94.3	102.4	90.7	90.4
				97.4	94.3	101.7	90.6	90.3
				97.3	94.1	101.9	91.0	90.7
92.7	90.6	95.6	86.4	97.1	94.2	101.4	90.9	90.9
				97.6	94.4	102.0	91.3	91.7
				97.2	94.4	101.2	91.0	91.0
92.4	90.8	94.6	86.2	97.2	94.6	100.9	91.0	90.8
				97.1	94.4	100.9	90.7	90.5
				96.8	94.3	100.3	90.4	90.1
91.9	90.6	93.7	85.5	96.5	94.1	99.9	90.0	89.6
				96.3	94.0	99.3	89.7	89.3
				96.4	94.3	99.3	89.7	89.3
92.0	90.9	93.6	85.5	96.6	94.4	99.5	90.0	89.7
				96.7	94.3	99.9	90.2	89.8
				96.5	94.3	99.5	89.9	89.3
92.0	91.1	93.2	85.8	96.3	94.2	99.3	90.1	89.6
				96.0	94.3	98.3	89.8	89.2
				96.0	94.3	98.3	89.6	89.1
91.5	91.0	92.1	85.4	95.9	94.3	97.9	89.3	88.8
				95.9	94.4	97.8	89.4	88.8
				95.9	94.5	97.6	89.1	88.4
91.5	91.4	91.5	85.4	95.6	94.6	96.6	88.8	88.2
				96.5	94.7	98.9	90.1	90.1
				96.2	94.7	98.0	90.0	90.3
91.3	91.2	91.3	85.7	96.2	94.7	98.1	90.0	90.2
				96.8	94.6	99.8	90.6	90.7
				95.8	93.3	99.4	89.8	90.1
92.3	91.1	94.0	86.6	96.8	94.0	100.8	90.6	91.2
				96.7	93.8	100.7	90.5	91.1
				96.5	93.7	100.5	90.3	90.9
92.4	90.8	94.6	86.4	96.4	93.6	100.4	90.0	90.5
				97.0	93.6	101.8	90.5	91.0
				98.0	94.7	102.7	91.4	91.8
93.2	91.7	95.3	86.9	98.0	94.9	102.2	91.2	91.6
				97.8	95.0	101.7	91.1	91.5
				97.9	95.0	102.0	91.2	91.7
...	...	...	...	98.0	95.0	102.3	91.2	91.7
				97.8	95.0	101.6	90.9	91.3
				p	p	p	p	p
				p	p	p	p	p

* 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.

IV. Overview of world currencies *

1. Currencies and exchange rates in individual countries

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Afghanistan							
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 76.6094	AFN 78.3778	AFN 79.4541	AFN 79.7782
		S	USD 1 =	AFN 76.7094	AFN 78.4778	AFN 79.5541	AFN 79.8782
	AFN	B	EUR 1 =	AFN 86.7677	AFN 94.9939	AFN 94.4357	AFN 94.1488
S		EUR 1 =	AFN 87.0277	AFN 95.2539	AFN 94.6957	AFN 94.4088	
Albania							
Tirana 070	Albanian lek = 100 qindarka	M	USD 1 =	ALL 108.65	ALL 100.96	ALL 103.10	ALL 102.32
		M	EUR 1 =	ALL 123.93	ALL 123.05	ALL 122.67	ALL 121.80
	ALL						
Algeria							
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 126.7989	DZD 133.5495	DZD 134.6561	DZD 134.5647
		S	USD 1 =	DZD 126.8139	DZD 133.5645	DZD 134.6711	DZD 134.5797
	DZD	B	EUR 1 =	DZD 144.7994	DZD 162.7301	DZD 159.7829	DZD 159.9301
S		EUR 1 =	DZD 144.8522	DZD 162.7617	DZD 159.8546	DZD 159.9883	
Angola ¹							
Luanda 330	Kwanza = 100 cêntimos	M	USD 1 =	AOA 583.191	AOA 642.000	AOA 646.000	AOA 638.622
		M	EUR 1 =	AOA 669.781	AOA 782.502	AOA 767.900	AOA 759.865
AOA							
Antigua and Barbuda							
St John's 459	East Caribbean dollar = 100 cents	2 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		2 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.0705	XCD 3.2799	XCD 3.1947	XCD 3.1965
		V, S	EUR 1 =	XCD 3.1032	XCD 3.3149	XCD 3.2288	XCD 3.2307
Argentina ¹							
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 70.3985	ARS 94.5300	ARS 95.5200	ARS 96.4900
		S	USD 1 =	ARS 70.5985	ARS 94.7300	ARS 95.7200	ARS 96.6900
	ARS	B	EUR 1 =	ARS 80.5658	ARS 115.4968	ARS 113.0957	ARS 114.3599
S		EUR 1 =	ARS 80.9705	ARS 115.9779	ARS 113.5718	ARS 114.8387	
Armenia							
Yerevan 077	Armenian dram = 100 luma	M	USD 1 =	AMD 490.13	AMD 520.61	AMD 495.86	AMD 486.24
		M	EUR 1 =	AMD 560.98	AMD 634.52	AMD 589.68	AMD 578.33
AMD							
Aruba							
Oranjestad 474	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 204.28	AWG 217.10	AWG 211.69	AWG 211.92
S		EUR 100 =	AWG 206.33	AWG 219.28	AWG 213.81	AWG 214.05	

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

IV. Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.6906	USD 0.7725	USD 0.7518	USD 0.7381
			AUD 1 =	EUR 0.6047	EUR 0.6335	EUR 0.6320	EUR 0.6213
Austria							
Vienna 038	Euro = 100 cent	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
	EUR						
Azerbaijan							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 1.7000	AZN 1.7000	AZN 1.7000	AZN 1.7000
			EUR 1 =	AZN 1.9454	AZN 2.0738	AZN 2.0236	AZN 2.0193
Bahamas							
Nassau 453	Bahamian dollar = 100 cents BSD	2 B 2 S	USD 1 =	BSD 0.9950	BSD 0.9950	BSD 0.9950	BSD 0.9950
			USD 1 =	BSD 1.0125	BSD 1.0125	BSD 1.0125	BSD 1.0125
		V, B V, S	EUR 1 =	BSD 1.13649	BSD 1.21400	BSD 1.18246	BSD 1.18315
			EUR 1 =	BSD 1.15648	BSD 1.23535	BSD 1.20326	BSD 1.20396
Bahrain							
Manama 640	Bahraini dinar = 1,000 fils BHD	2 M	USD 1 =	BHD 0.37605	BHD 0.376081	BHD 0.376081	BHD 0.376081
			EUR 1 =	BHD 0.4317865	BHD 0.4584430	BHD 0.4474800	BHD 0.4454870
Bangladesh ¹							
Dhaka 666	Taka = 100 poisha BDT	B S	USD 1 =	BDT 84.8655	BDT 84.8000	BDT 84.8000	BDT 84.8040
			USD 1 =	BDT 84.8700	BDT 84.8000	BDT 84.9000	BDT 84.8090
		B S	EUR 1 =	BDT 97.0783	BDT 103.3627	BDT 100.8696	BDT 100.4249
			EUR 1 =	BDT 97.1169	BDT 103.3966	BDT 101.0225	BDT 100.4647
Barbados							
Bridgetown 469	Barbados dollar = 100 cents BBD	2 B 2 S	USD 1 =	BBD 1.99375	BBD 1.99375	BBD 1.99375	BBD 1.99375
			USD 1 =	BBD 2.02768	BBD 2.02768	BBD 2.02768	BBD 2.02768
		B S	EUR 1 =	BBD 2.28308	BBD 2.42862	BBD 2.36997	BBD 2.36768
			EUR 1 =	BBD 2.32588	BBD 2.47415	BBD 2.41441	BBD 2.41207
Belarus							
Minsk 073	Belarusian rouble = 100 kopecks BYN	M	USD 1 =	BYN 2.4518	BYN 2.5329	BYN 2.5312	BYN 2.4997
		M	EUR 1 =	BYN 2.8080	BYN 3.0870	BYN 3.0149	BYN 2.9741

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 Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
Belize							
Belmopan 421	Belize dollar = 100 cents BZD	2 B 2 S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	BZD 1.9825 BZD 2.0175 BZD 2.2726 BZD 2.3127	BZD 1.9825 BZD 2.0175 BZD 2.4181 BZD 2.4607	BZD 1.9825 BZD 2.0175 BZD 2.3534 BZD 2.3950	BZD 1.9825 BZD 2.0175 BZD 2.3550 BZD 2.3966
Benin ¹							
Porto-Novo Seat of government: Cotonou 284	CFA franc XOF	B S M 3	USD 1 = USD 1 = USD 1 = EUR 1 =	XOF . XOF . XOF 574.293 XOF 655.957	XOF 534.25 XOF 541.25 XOF 537.75 XOF 655.957	XOF 548.00 XOF 555.00 XOF 551.50 XOF 655.957	XOF 548.00 XOF 555.00 XOF 551.50 XOF 655.957
Bermuda							
Hamilton 413	Bermudian dollar = 100 cents BMD	2 B 2 S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	BMD 0.9960 BMD 1.0043 BMD 1.1376 BMD 1.1471	BMD 0.9960 BMD 1.0043 BMD 1.2152 BMD 1.2253	BMD 0.9960 BMD 1.0043 BMD 1.1836 BMD 1.1935	BMD 0.9960 BMD 1.0043 BMD 1.1843 BMD 1.1942
Bhutan ¹							
Thimphu 675	Ngultrum = 100 chhetrum BTN	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	BTN 73.00 BTN 75.28 BTN 83.48 BTN 85.80	BTN 71.35 BTN 73.60 BTN 86.90 BTN 89.30	BTN 73.15 BTN 75.40 BTN 87.00 BTN 89.45	BTN 73.20 BTN 75.45 BTN 86.80 BTN 89.20
Bolivia, Plurinational State of							
Sucre Seat of government: La Paz 516	Boliviano = 100 centavos BOB	B S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	BOB 6.86 BOB 6.96 BOB 7.8386 BOB 7.9529	BOB 6.86 BOB 6.96 BOB 8.3699 BOB 8.4919	BOB 6.86 BOB 6.96 BOB 8.1524 BOB 8.2713	BOB 6.86 BOB 6.96 BOB 8.1572 BOB 8.2761
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga BAM	B S 3	USD 1 = USD 1 = EUR 1 =	BAM 1.705963 BAM 1.714514 BAM 1.95583	BAM 1.606770 BAM 1.614824 BAM 1.95583	BAM 1.641101 BAM 1.649327 BAM 1.95583	BAM 1.640687 BAM 1.648911 BAM 1.95583
Botswana							
Gaborone 391	Pula = 100 thebe RWP	B S B S	BWP 1 = BWP 1 = BWP 1 = RWP 1 =	USD 0.0874 USD 0.0872 EUR 0.0765 EUR 0.0763	USD 0.0942 USD 0.0940 EUR 0.0772 EUR 0.0771	USD 0.0918 USD 0.0916 EUR 0.0773 EUR 0.0771	USD 0.0907 USD 0.0905 EUR 0.0764 EUR 0.0762

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 Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Brazil							
Brasília 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 5.1568	BRL 5.2316	BRL 5.0016	BRL 5.1210
		S	USD 1 =	BRL 5.1578	BRL 5.2322	BRL 5.0022	BRL 5.1216
	B	EUR 1 =	BRL 6.0228	BRL 6.3972	BRL 5.9249	BRL 6.0756	
	BRL	S	EUR 1 =	BRL 6.0252	BRL 6.4000	BRL 5.9276	BRL 6.0768
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3686	BND 1.3135	BND 1.3350	BND 1.3449
		S	USD 1 =	BND 1.3875	BND 1.3320	BND 1.3520	BND 1.3619
	B	EUR 1 =	BND 1.5522	BND 1.5850	BND 1.5756	BND 1.5832	
	BND	S	EUR 1 =	BND 1.6078	BND 1.6411	BND 1.6293	BND 1.6369
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.71539	BGN 1.60301	BGN 1.64577	BGN 1.64480
		2	EUR 1 =	BGN 1.95583	BGN 1.95583	BGN 1.95583	BGN 1.95583
Burkina Faso ¹							
Ouagadougou 236	CFA franc	B	USD 1 =	XOF .	XOF 534.25	XOF 548.00	XOF 548.00
		S	USD 1 =	XOF .	XOF 541.25	XOF 555.00	XOF 555.00
	M	USD 1 =	XOF 574.293	XOF 537.75	XOF 551.50	XOF 551.50	
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Burundi							
Gitega 328	Burundi franc = 100 centimes	B	USD 1 =	BIF 1,899.6838	BIF 1,950.8445	BIF 1,956.2796	BIF 1,961.0514
		S	USD 1 =	BIF 1,935.4929	BIF 1,990.2555	BIF 1,995.8004	BIF 2,000.6686
	B	EUR 1 =	BIF 2,178.6551	BIF 2,378.9573	BIF 2,328.2662	BIF 2,329.8271	
	BIF	S	EUR 1 =	BIF 2,219.8302	BIF 2,427.0171	BIF 2,375.3018	BIF 2,376.8943
Cabo Verde							
Praia 247	Cabo Verde escudo = 100 centavos	B	USD 1 =	CVE 96.30074	CVE 90.71188	CVE 92.65200	CVE 92.76900
		S	USD 1 =	CVE 96.50274	CVE 90.91388	CVE 92.85400	CVE 92.97100
	CVE	2	EUR 1 =	CVE 110.265	CVE 110.265	CVE 110.265	CVE 110.265
Cambodia							
Phnom Penh 696	Riel = 100 sen	M	USD 1 =	KHR 4,080	KHR 4,072	KHR 4,075	KHR 4,072
		B	EUR 1 =	KHR 4,684	KHR 4,962	KHR 4,850	KHR 4,842
	KHR	S	EUR 1 =	KHR 4,731	KHR 5,012	KHR 4,899	KHR 4,890
Cameroon ¹							
Yaoundé 302	CFA franc	B	USD 1 =	XAF .	XAF 535.3591	XAF 548.5097	XAF 549.1848
		S	USD 1 =	XAF .	XAF 541.4676	XAF 551.3170	XAF 553.0835
	M	USD 1 =	XAF 574.293	XAF 538.4134	XAF 549.9134	XAF 551.1342	
	XAF	2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Canada							
Ottawa 404	Canadian dollar = 100 cents CAD	M	USD 1 =	CAD 1.3415	CAD 1.2072	CAD 1.2394	CAD 1.2462
		M	EUR 1 =	CAD 1.5374	CAD 1.4749	CAD 1.4699	CAD 1.4788

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Value against the euro. ³ Exchange rate as of 2 August 2021.

IV. Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month			
					May 2021	June 2021	July 2021	
Cayman Islands								
George Town 463	Cayman Islands dollar = 100 cents	2	KYD 1 =	USD 1.20	USD 1.20	USD 1.20	USD 1.20	
		V	EUR 1 =	KYD 0.9518	KYD 1.0168	KYD 0.9903	KYD 0.9909	
	KYD							
Central African Republic ¹								
Bangui 306	CFA franc	B	USD 1 =	XAF .	XAF 535.3591	XAF 548.5097	XAF 549.1848	3
		S	USD 1 =	XAF .	XAF 541.4676	XAF 551.3170	XAF 553.0835	3
		M	USD 1 =	XAF 574.293	XAF 538.4134	XAF 549.9134	XAF 551.1342	3
	XAF	4	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957	
Chad ¹								
N'Djaména 244	CFA franc	B	USD 1 =	XAF .	XAF 535.3591	XAF 548.5097	XAF 549.1848	3
		S	USD 1 =	XAF .	XAF 541.4676	XAF 551.3170	XAF 553.0835	3
		M	USD 1 =	XAF 574.293	XAF 538.4134	XAF 549.9134	XAF 551.1342	3
	XAF	4	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957	
Chile								
Santiago 512	Chilean peso = 100 centavos	M	USD 1 =	CLP 792.22	CLP 724.92	CLP 735.28	CLP 758.53	
		M	EUR 1 =	CLP 902.68	CLP 884.16	CLP 875.23	CLP 901.83	
Chilean peso CLP								
China								
Beijing 720	Chinese renminbi ⁵ 1 yuan (renminbi) = 10 jiao = 100 fen	M	USD 1 =	CNY 6.8991	CNY 6.3682	CNY 6.4601	CNY 6.4602	
		M	EUR 1 =	CNY 7.9065	CNY 7.7616	CNY 7.6862	CNY 7.6791	
		M	HKD 1 =	CNY 0.88889	CNY 0.82043	CNY 0.83208	CNY 0.83120	
	CNY							
China (Taiwan)								
Taipei 736	New Taiwan dollar = 100 cents	B	USD 1 =	TWD 29.483	TWD 27.590	TWD 27.810	TWD 27.910	
		S	USD 1 =	TWD 29.583	TWD 27.690	TWD 27.910	TWD 28.010	
	TWD	B	EUR 1 =	TWD 33.54	TWD 33.50	TWD 32.95	TWD 33.06	
		S	EUR 1 =	TWD 33.94	TWD 33.90	TWD 33.35	TWD 33.46	
Colombia								
Bogotá 480	Colombian peso = 100 centavos	M	USD 1 =	COP 3,692.895	COP 3,715.28	COP 3,756.67	COP 3,836.95	
		V, M	EUR 1 =	COP 4,216.588	COP 4,533.013	COP 4,464.427	COP 4,562.517	
COP								
Comoros								
Moroni 375	Comorian franc = 100 centimes	V	USD 1 =	KMF 430.71944	KMF 403.21920	KMF 413.97488	KMF 413.73118	
		4	EUR 1 =	KMF 491.96775	KMF 491.96775	KMF 491.96775	KMF 491.96775	
KMF								
Congo ¹								
Brazzaville 318	CFA franc	B	USD 1 =	XAF .	XAF 535.3591	XAF 548.5097	XAF 549.1848	3
		S	USD 1 =	XAF .	XAF 541.4676	XAF 551.3170	XAF 553.0835	3
		M	USD 1 =	XAF 574.293	XAF 538.4134	XAF 549.9134	XAF 551.1342	3
	XAF	4	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** Exchange rate as of 2 August 2021. **4** Value against the euro. **5** 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 Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 1,823.8944	.	.	.
		S	USD 1 =	CDF 1,898.3391	.	.	.
	CDF	B	EUR 1 =	CDF 2,088.8087	.	.	.
		S	EUR 1 =	CDF 2,174.0661	.	.	.
Cook Islands ¹							
Avarua 837	Cook Islands dollar ² = 100 cents	B	NZD 1 =	EUR 0.5813	EUR 0.6060	EUR 0.5993	EUR 0.6010
	NZD	S	NZD 1 =	EUR 0.5584	EUR 0.5832	EUR 0.5768	EUR 0.5784
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 584.40	CRC 613.22	CRC 615.25	CRC 616.89
		S	USD 1 =	CRC 591.41	CRC 620.24	CRC 621.92	CRC 622.98
	CRC	V, B	EUR 1 =	CRC 670.9498	CRC 748.1897	CRC 731.1631	CRC 733.5439
		V, S	EUR 1 =	CRC 679.0006	CRC 756.7548	CRC 739.0897	CRC 740.7855
Côte d'Ivoire ¹							
Yamoussoukro Seat of government: Abidjan 272	CFA franc	B	USD 1 =	XOF .	XOF 534.25	XOF 548.00	XOF 548.00
		S	USD 1 =	XOF .	XOF 541.25	XOF 555.00	XOF 555.00
		M	USD 1 =	XOF 574.293 ^v	XOF 537.75	XOF 551.50	XOF 551.50
	XOF	3	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Croatia							
Zagreb 092	Kuna = 100 lipa	B	USD 1 =	HRK 6.581149	HRK 6.145220	HRK 6.271535	HRK 6.287368
		S	USD 1 =	HRK 6.620755	HRK 6.182202	HRK 6.309277	HRK 6.325206
	HRK	B	EUR 1 =	HRK 7.511943	HRK 7.487335	HRK 7.468770	HRK 7.478824
		S	EUR 1 =	HRK 7.557151	HRK 7.532395	HRK 7.513718	HRK 7.523832
Cuba ¹							
Havana 448	Convertible peso/ Cuban peso = 100 centavos	4 B	USD 1 =	CUC 0.99001 ¹	CUP 23.76	CUP 23.76	CUP 23.76
		4 S	USD 1 =	CUC 1.01000 ¹	CUP 24.24	CUP 24.24	CUP 24.24
	CUC/CUP	B	EUR 1 =	CUC 1.13376 ¹	CUP 28.97532	CUP 28.31717	CUP 28.22926
		S	EUR 1 =	CUC 1.15668 ¹	CUP 29.56068	CUP 28.88923	CUP 28.79954
Curaçao							
Willemstad 477	Netherlands Antillean guilder = 100 cents	4 B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		4 S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 204.29	ANG 217.11	ANG 211.70	ANG 211.93
		S	EUR 100 =	ANG 208.40	ANG 221.48	ANG 215.96	ANG 216.20
Cyprus							
Nicosia 600	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
Czechia							
Prague 061	Czech koruna = 100 heller	M	USD 1 =	CZK 23.196	CZK 20.858	CZK 21.439	CZK 21.445
		M	EUR 1 =	CZK 26.496	CZK 25.450	CZK 25.485	CZK 25.500
	CZK						

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

² Parity in relation to the New Zealand dollar. ³ Value against the euro. ⁴ Value against the US dollar.

IV. Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 653.14	DKK 609.50	DKK 625.73	DKK 625.51
		M	EUR 100 =	DKK 745.33	DKK 743.65	DKK 743.62	DKK 743.79
Djibouti							
Djibouti 338	Djibouti franc = 100 centimes DJF	2 B	USD 1 =	DJF 176.832	DJF 176.832	DJF 176.832	DJF 176.832
		2 S	USD 1 =	DJF 179.498	DJF 179.498	DJF 179.498	DJF 179.498
		B	EUR 1 =	DJF 201.29	DJF 214.06	DJF 208.81	DJF 208.06
S	EUR 1 =	DJF 209.31	DJF 222.41	DJF 216.96	DJF 216.18		
Dominica							
Roseau 460	East Caribbean dollar = 100 cents XCD	2 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		2 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
		V, B	EUR 1 =	XCD 3.0705	XCD 3.2799	XCD 3.1947	XCD 3.1965
V, S	EUR 1 =	XCD 3.1032	XCD 3.3149	XCD 3.2288	XCD 3.2307		
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 56.2954	DOP 56.3078	DOP 56.3722	DOP 56.4124
		S	USD 1 =	DOP 57.0521	DOP 57.4612	DOP 57.5237	DOP 57.5026
		B	EUR 1 =	DOP 63.7358	DOP 67.6197	DOP 66.4714	DOP 66.0855
S	EUR 1 =	DOP 67.2930	DOP 71.3453	DOP 70.2103	DOP 69.6831		
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 15.75	EGP 15.61	EGP 15.61	EGP 15.63
		S	USD 1 =	EGP 15.85	EGP 15.71	EGP 15.71	EGP 15.73
		B	EUR 1 =	EGP 17.9583	EGP 19.0192	EGP 18.4994	EGP 18.5247
S	EUR 1 =	EGP 18.1786	EGP 19.1725	EGP 18.7090	EGP 18.7329		
El Salvador ¹							
San Salvador 428	El Salvador colón = 100 centavos SVC	2	USD 1 =	SVC 8.75	SVC 8.75	SVC 8.75	SVC 8.75
		V, B / S	EUR 1 =	SVC 9.9943	SVC 10.6759	SVC 10.3985	SVC 10.4046
Equatorial Guinea ¹							
Malabo 310	CFA franc XAF	B	USD 1 =	XAF .	XAF 535.3591	XAF 548.5097	XAF 549.1848
		S	USD 1 =	XAF .	XAF 541.4676	XAF 551.3170	XAF 553.0835
		M	USD 1 =	XAF 574.293	XAF 538.4134	XAF 549.9134	XAF 551.1342
		4	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Eritrea							
Asmara 336	Nakfa = 100 cents ERN	2 B	USD 1 =	ERN 15.00	ERN 15.00	ERN 15.00	ERN 15.00
		2 S	USD 1 =	ERN 15.15	ERN 15.15	ERN 15.15	ERN 15.15
		B	EUR 1 =	ERN 17.1495	ERN 18.3075	ERN 17.9085	ERN 17.8125
S	EUR 1 =	ERN 17.7857	ERN 18.9437	ERN 18.5447	ERN 18.4487		
Estonia							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891

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

² Value against the US dollar. ³ Exchange rate as of 2 August 2021. ⁴ Value against the euro.

IV. Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Eswatini ¹							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 16.5100	SZL 13.7597	SZL 14.2597	SZL 14.6019
		S	USD 1 =	SZL 16.5301	SZL 13.7661	SZL 14.2647	SZL 14.6086
	SZL	B	EUR 1 =	SZL 18.91585	SZL 16.7710	SZL 16.9092	SZL 17.3591
		S	EUR 1 =	SZL 18.93757	SZL 16.7809	SZL 16.9203	SZL 17.3677
Ethiopia							
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 35.2269	ETB 43.0853	ETB 43.6910	ETB 44.3046
		S	USD 1 =	ETB 35.9314	ETB 43.9470	ETB 44.5648	ETB 45.1907
	ETB	B	EUR 1 =	ETB 40.4109	ETB 52.5684	ETB 52.0010	ETB 52.6029
		S	EUR 1 =	ETB 41.2192	ETB 53.6198	ETB 53.0410	ETB 53.6550
Falkland Islands (Islas Malvinas)							
Stanley 529	Falkland Islands pound ² = 100 pence	V	USD 1 =	FKP 0.77894	FKP 0.70497	FKP 0.72202	FKP 0.71600
		V	EUR 1 =	FKP 0.88970	FKP 0.86013	FKP 0.85805	FKP 0.85140
	FKP						
Fiji							
Suva 815	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4716	USD 0.4988	USD 0.4901	USD 0.4883
		S	FJD 1 =	USD 0.4546	USD 0.4818	USD 0.4731	USD 0.4713
	FJD	B	FJD 1 =	EUR 0.4093	EUR 0.4075	EUR 0.4102	EUR 0.4092
		S	FJD 1 =	EUR 0.3973	EUR 0.3955	EUR 0.3982	EUR 0.3972
Finland							
Helsinki 032	Euro = 100 cent	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
	EUR						
France							
Paris 001	Euro = 100 cent	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
	EUR						
Gabon ¹							
Libreville 314	CFA franc	B	USD 1 =	XAF .	XAF 535.3591	XAF 548.5097	XAF 549.1848
		S	USD 1 =	XAF .	XAF 541.4676	XAF 551.3170	XAF 553.0835
		M	USD 1 =	XAF 574.293	XAF 538.4134	XAF 549.9134	XAF 551.1342
	XAF	4	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Gambia							
Banjul 252	Dalasi = 100 bututs	M	USD 1 =	GMD 51.48	GMD 51.07	GMD 51.03	GMD 51.13
		M	EUR 1 =	GMD 58.26	GMD 61.61	GMD 61.04	GMD 60.75
	GMD						
Georgia							
Tbilisi 076	Lari = 100 tetri	M	USD 1 =	GEL 3.1192	GEL 3.2779	GEL 3.1603	GEL 3.1244
		M	EUR 1 =	GEL 3.5713	GEL 3.9922	GEL 3.7608	GEL 3.7174
	GEL						

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 Exchange rate as of 2 August 2021. ⁴ Value against the euro.

IV. Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas GHS	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	GHS 5.6091 GHS 5.6147 GHS 6.4398 GHS 6.4455	GHS 5.7444 GHS 5.7502 GHS 7.0230 GHS 7.0305	GHS 5.7597 GHS 5.7655 GHS 6.8299 GHS 6.8366	GHS 5.7982 GHS 5.8040 GHS 6.8774 GHS 6.8842
Gibraltar							
Gibraltar 044	Gibraltar pound ² = 100 pence GIP	V V	USD 1 = EUR 1 =	GIP 0.77894 GIP 0.88970	GIP 0.70497 GIP 0.86013	GIP 0.72202 GIP 0.85805	GIP 0.71600 GIP 0.85140
Greece							
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
Grenada							
St George's 473	East Caribbean dollar = 100 cents XCD	³ B ³ S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	XCD 2.6882 XCD 2.7169 XCD 3.0705 XCD 3.1032	XCD 2.6882 XCD 2.7169 XCD 3.2799 XCD 3.3149	XCD 2.6882 XCD 2.7169 XCD 3.1947 XCD 3.2288	XCD 2.6882 XCD 2.7169 XCD 3.1965 XCD 3.2307
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ	M V, M	USD 1 = EUR 1 =	GTQ 7.72985 GTQ 8.86799	GTQ 7.72117 GTQ 9.42060	GTQ 7.74404 GTQ 9.20302	GTQ 7.74751 GTQ 9.21256
Guinea							
Conakry 260	Guinean franc GNF	M M	USD 1 = EUR 1 =	GNF 9,585.5025 GNF 10,965.5882	GNF 9,748.9907 GNF 11,891.8220	GNF 9,769.9807 GNF 11,614.5555	GNF 9,701.5675 GNF 11,518.6700
Guinea-Bissau ¹							
Bissau 257	CFA franc XOF	B S M 4	USD 1 = USD 1 = USD 1 = EUR 1 =	XOF . XOF . XOF 574.293 XOF 655.957	XOF 534.25 XOF 541.25 XOF 537.75 XOF 655.957	XOF 548.00 XOF 555.00 XOF 551.50 XOF 655.957	XOF 548.00 XOF 555.00 XOF 551.50 XOF 655.957
Guyana							
Georgetown 488	Guyana dollar = 100 cents GYD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	GYD 207.98 GYD 210.45 GYD 238.25 GYD 241.28	GYD 207.98 GYD 210.45 GYD 253.46 GYD 256.69	GYD 207.98 GYD 210.45 GYD 247.25 GYD 250.40	GYD 207.98 GYD 210.45 GYD 247.20 GYD 250.36

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 Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 92.9298	HTG 89.5923	HTG 91.0692	HTG 93.6645
		V, M	EUR 1 =	HTG 106.2364	HTG 109.3116	HTG 108.2266	HTG 111.3765
Honduras							
Tegucigalpa 424	Lempira = 100 centavos	B	USD 1 =	HNL 24.5604	HNL 24.0372	HNL 23.8651	HNL 23.7213
		S	USD 1 =	HNL 24.7323	HNL 24.2055	HNL 24.0322	HNL 23.8873
	HNL	V, B	EUR 1 =	HNL 28.1617	HNL 29.3278	HNL 28.3613	HNL 28.2070
		V, S	EUR 1 =	HNL 28.3588	HNL 29.5331	HNL 28.5599	HNL 28.4044
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents	B	USD 1 =	HKD 7.72474	HKD 7.72970	HKD 7.73500	HKD 7.74210
		S	USD 1 =	HKD 7.78713	HKD 7.79150	HKD 7.79670	HKD 7.80390
	HKD	B	EUR 1 =	HKD 8.80685	HKD 9.38670	HKD 9.16540	HKD 9.17420
S		EUR 1 =	HKD 8.98652	HKD 9.53050	HKD 9.30890	HKD 9.31750	
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 307.93	HUF 285.44	HUF 296.04	HUF 300.34
		M	EUR 1 =	HUF 354.16	HUF 348.24	HUF 351.90	HUF 357.62
Iceland							
Reykjavik 024	Icelandic krona ISK	M	USD 1 =	ISK 135.317	ISK 120.98	ISK 123.22	ISK 123.31
		M	EUR 1 =	ISK 155.160	ISK 147.60	ISK 146.50	ISK 146.60
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	M	USD 1 =	INR 74.0770	INR 72.5211	INR 74.3456	INR 74.3871
		M	EUR 1 =	INR 84.9420	INR 88.4216	INR 88.5035	INR 88.3882
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen	B	USD 1 =	IDR 14,512.53	IDR 14,238.45	IDR 14,423.52	IDR 14,418.55
		S	USD 1 =	IDR 14,658.39	IDR 14,381.55	IDR 14,568.48	IDR 14,563.46
	IDR	B	EUR 1 =	IDR 16,693.66	IDR 17,363.79	IDR 17,165.43	IDR 17,120.59
		S	EUR 1 =	IDR 16,866.48	IDR 17,542.61	IDR 17,343.78	IDR 17,298.48
Iran, Islamic Republic of ¹							
Tehran 616	Iranian rial = 100 dinars IRR	² M	USD 1 =	IRR 42,000	IRR 42,000	IRR 42,000	IRR 42,000
		² M	EUR 1 =	IRR 48,188	IRR 51,199	IRR 50,004	IRR 49,833
		³ M	USD 1 =	IRR 212,325	IRR 243,200	IRR 253,000	IRR 257,700
		³ M	EUR 1 =	IRR 245,538	IRR 297,400	IRR 299,800	IRR 305,800

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 Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Iraq ¹							
Baghdad 612	Iraqi dinar = 1,000 fils	2 B 2 S	USD 1 =	IQD 1,204.33	IQD 1,450.00	IQD 1,450.00	IQD 1,450.00
			USD 1 =	IQD 1,212.50	IQD 1,460.00	IQD 1,460.00	
		B S	EUR 1 =	IQD 1,381.469	IQD 1,767.405	IQD 1,723.180	IQD .
			EUR 1 =	IQD 1,390.839	IQD 1,779.594	IQD 1,735.064	IQD .
		3 S	USD 1 =	IQD 1,242.683	IQD 1,492.500	IQD 1,470.000	IQD .
			V, S	EUR 1 =	IQD 1,428.05	IQD 1,821.00	IQD 1,746.95
Ireland							
Dublin 007	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
Israel							
Jerusalem 624	New shekel = 100 agorot ILS	M	USD 1 =	ILS 3.4367	ILS 3.2530	ILS 3.2600	ILS 3.2330
		M	EUR 1 =	ILS 3.9205	ILS 3.9688	ILS 3.8748	ILS 3.8490
Italy							
Rome 005	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
Jamaica							
Kingston 464	Jamaican dollar = 100 cents JMD	B S	USD 1 =	JMD 141.7940	JMD 148.6098	JMD 149.4371	JMD 155.0298
			USD 1 =	JMD 143.3604	JMD 149.5486	JMD 150.1260	JMD 155.5556
		B S	EUR 1 =	JMD 158.3465	JMD 174.3638	JMD 177.3719	JMD 180.4964
			EUR 1 =	JMD 166.2504	JMD 184.0335	JMD 180.5815	JMD 187.9042
Japan							
Tokyo 732	Japanese yen = 100 sen JPY	B S	USD 1 =	JPY 105.78	JPY 108.76	JPY 109.58	JPY 108.49
			USD 1 =	JPY 107.78	JPY 110.76	JPY 111.58	JPY 110.49
		B S	EUR 1 =	JPY 120.47	JPY 132.24	JPY 130.08	JPY 128.61
			EUR 1 =	JPY 123.47	JPY 135.24	JPY 133.08	JPY 131.61
Jordan							
Amman 628	Jordanian dinar = 1,000 fils JOD	2 B 2 S	USD 1 =	JOD 0.7080	JOD 0.7080	JOD 0.7080	JOD 0.7080
			USD 1 =	JOD 0.7100	JOD 0.7100	JOD 0.7100	JOD 0.7100
		B S	EUR 1 =	JOD 0.80850	JOD 0.86249	JOD 0.84117	JOD 0.83820
			EUR 1 =	JOD 0.81537	JOD 0.86648	JOD 0.84554	JOD 0.84348
Kazakhstan							
Nur-Sultan 079	Tenge = 100 tiyn KZT	M	USD 1 =	KZT 414.44	KZT 427.90	KZT 427.79	KZT 424.44
		M	EUR 1 =	KZT 474.42	KZT 521.35	KZT 509.37	KZT 504.91

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

IV. Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Kenya ¹							
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 106.5230	KES 107.4912	KES 107.7500	KES 108.5088
		S	USD 1 =	KES 106.7228	KES 107.6912	KES 107.9500	KES 108.7088
	KES	B	EUR 1 =	KES 122.0032	KES 130.7482	KES 128.0900	KES 128.5576
		S	EUR 1 =	KES 122.2632	KES 131.0182	KES 128.3629	KES 128.8259
Korea, Democratic People’s Republic of ¹							
Pyongyang 724	North Korean won = 100 chon	B	USD 1 =	KPW 108.43	.	.	.
		S	USD 1 =	KPW 109.51	.	.	.
	KPW	B	EUR 1 =	KPW 119.19	.	.	.
		S	EUR 1 =	KPW 120.37	.	.	.
Korea, Republic of							
Seoul 728	South Korean won = 100 chon	B	USD 1 =	KRW 1,168.59	KRW 1,097.70	KRW 1,117.50	KRW 1,140.80
		S	USD 1 =	KRW 1,191.63	KRW 1,119.30	KRW 1,139.50	KRW 1,163.20
	KRW	B	EUR 1 =	KRW 1,340.13	KRW 1,337.81	KRW 1,328.09	KRW 1,353.87
		S	EUR 1 =	KRW 1,367.19	KRW 1,364.83	KRW 1,354.91	KRW 1,381.21
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.30423	KWD 0.29945	KWD 0.29975	KWD 0.29915
		S	USD 1 =	KWD 0.30917	KWD 0.30305	KWD 0.30335	KWD 0.30275
	KWD	B	EUR 1 =	KWD 0.348830	KWD 0.365164	KWD 0.356043	KWD 0.355944
		S	EUR 1 =	KWD 0.354423	KWD 0.369554	KWD 0.360319	KWD 0.360227
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tyiyn	M	USD 1 =	KGS 77.4179	KGS 83.6256	KGS 84.6640	KGS 84.7585
		M	EUR 1 =	KGS 88.6740	KGS 101.9940	KGS 100.7629	KGS 100.8923
Lao People’s Democratic Republic							
Vientiane 684	Kip	B	USD 1 =	LAK 9,070	LAK 9,425	LAK 9,470	LAK 9,539
		S	USD 1 =	LAK 9,086	LAK 9,444	LAK 9,489	LAK 9,558
	LAK	B	EUR 1 =	LAK 10,408	LAK 11,499	LAK 11,273	LAK 11,339
		S	EUR 1 =	LAK 10,457	LAK 11,554	LAK 11,327	LAK 11,393
Latvia							
Riga 054	Euro = 100 cent	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
EUR							
Lebanon ¹							
Beirut 604	Lebanese pound = 100 piastres	M	USD 1 =	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50
		M	EUR 1 =	LBP 1,724.92	LBP 1,837.79	LBP 1,793.62	LBP 1,794.68
LBP							
Lesotho ¹							
Maseru 395	Loti = 100 lisente	M	USD 1 =	LSL 16.4908	LSL 13.7592	LSL 14.2771	LSL 14.8301
		M	EUR 1 =	LSL 18.8760	LSL 16.7862	LSL 16.9655	LSL 17.4972
LSL							

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 Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents	B	USD 1 =	LRD 189.9291	LRD 170.7301	LRD 170.7169	LRD 170.9314
		S	USD 1 =	LRD 191.2969	LRD 172.1137	LRD 172.1197	LRD 172.3269
	LRD	V, B	EUR 1 =	LRD 217.4353	LRD 208.3078	LRD 202.8800	LRD 203.2545
		V, S	EUR 1 =	LRD 219.0024	LRD 209.9959	LRD 204.5471	LRD 204.9139
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham	B	USD 1 =	LYD 1.3815	LYD 4.4418	LYD 4.4952	LYD 4.4972
		S	USD 1 =	LYD 1.3884	LYD 4.4640	LYD 4.5177	LYD 4.5198
	LYD	B	EUR 1 =	LYD 1.5820	LYD 5.4163	LYD 5.3493	LYD 5.3324
		S	EUR 1 =	LYD 1.5900	LYD 5.4435	LYD 5.3761	LYD 5.3591
Lithuania							
Vilnius 055	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
Luxembourg							
Luxembourg 018	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
Macao ¹							
Macao 743	Pataca = 100 avos	B	USD 1 =	MOP 7.9833	MOP 7.9865	MOP 7.9912	MOP 8.0010
		S	USD 1 =	MOP 8.0064	MOP 8.0127	MOP 8.0174	MOP 8.0272
	MOP	B	EUR 1 =	MOP 9.1556	MOP 9.7342	MOP 9.5084	MOP 9.5001
		S	EUR 1 =	MOP 9.1946	MOP 9.7757	MOP 9.5499	MOP 9.5416
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 3,793.86	MGA 3,757.86	MGA 3,916.39	MGA 3,810.11
		M	EUR 1 =	MGA 4,330.03	MGA 4,572.06	MGA 4,641.70	MGA 4,508.58
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala	B	USD 1 =	MWK 738.3908	MWK 788.2566	MWK 797.6962	MWK 804.5473
		S	USD 1 =	MWK 753.1198	MWK 803.8594	MWK 813.4858	MWK 820.4725
	MWK	B	EUR 1 =	MWK 847.7749	MWK 960.5695	MWK 949.4978	MWK 955.3195
		S	EUR 1 =	MWK 864.6874	MWK 979.5830	MWK 968.2921	MWK 974.2290
Malaysia							
Kuala Lumpur Seat of government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 4.1319	MYR 4.0765	MYR 4.0854	MYR 4.1690
		S	USD 1 =	MYR 4.2695	MYR 4.2175	MYR 4.2216	MYR 4.3080
	MYR	B	EUR 1 =	MYR 4.7206	MYR 4.9591	MYR 4.8541	MYR 4.9453
		S	EUR 1 =	MYR 4.9037	MYR 5.1481	MYR 5.0361	MYR 5.1307

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 Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Maldives							
Malé 667	Rufiyaa	M	USD 1 =	MVR 15.38	MVR 15.30	MVR 15.32	MVR 15.42
	= 100 laari						
	MVR	V, M	EUR 1 =	MVR 17.64149	MVR 18.66753	MVR 18.20629	MVR 18.33592
Mali ¹							
Bamako 232	CFA franc	B	USD 1 =	XOF .	XOF 534.25	XOF 548.00	XOF 548.00
		S	USD 1 =	XOF .	XOF 541.25	XOF 555.00	XOF 555.00
		M	USD 1 =	XOF 574.293	XOF 537.75	XOF 551.50	XOF 551.50
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Malta							
Valletta 046	Euro	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
	= 100 cent						
	EUR						
Mauritania							
Nouakchott 228	Ouguiya	B	USD 1 =	MRU 37.10	MRU 36.02	MRU 36.03	MRU 36.03
		S	USD 1 =	MRU 37.47	MRU 36.38	MRU 36.39	MRU 36.39
		B	EUR 1 =	MRU 42.47	MRU 43.91	MRU 42.83	MRU 42.78
	MRU	S	EUR 1 =	MRU 42.89	MRU 44.35	MRU 43.26	MRU 43.21
Mauritius							
Port Louis 373	Mauritian rupee	B	USD 1 =	MUR 38.9384	MUR 40.0618	MUR 42.1320	MUR 42.1247
	= 100 cents	S	USD 1 =	MUR 39.8379	MUR 40.9614	MUR 43.0314	MUR 43.0250
		B	EUR 1 =	MUR 44.5651	MUR 48.7241	MUR 50.0039	MUR 49.9165
	MUR	S	EUR 1 =	MUR 45.7989	MUR 50.0664	MUR 51.3515	MUR 51.2723
Mexico							
Mexico City 412	Mexican peso	B	USD 1 =	MXN 21.5057	MXN 19.9370	MXN 19.9380	MXN 19.8950
	= 100 centavos	S	USD 1 =	MXN 21.5195	MXN 19.9450	MXN 19.9470	MXN 19.9030
		V, B	EUR 1 =	MXN 24.7500	MXN 24.3251	MXN 23.6943	MXN 23.6571
	MXN	V, S	EUR 1 =	MXN 24.7634	MXN 24.3349	MXN 23.7050	MXN 23.6667
Moldova, Republic of							
Chisinau 074	Moldovan leu	M	USD 1 =	MDL 17.3097	MDL 17.6140	MDL 17.9755	MDL 17.9234
	= 100 bani						
	MDL	M	EUR 1 =	MDL 19.7740	MDL 21.4467	MDL 21.3989	MDL 21.2832
Mongolia							
Ulan Bator 716	Togrog	M	USD 1 =	MNT 2,817.89	MNT 2,849.25	MNT 2,848.87	MNT 2,849.12
	= 100 mongo						
	MNT	M	EUR 1 =	MNT 3,234.16	MNT 3,473.09	MNT 3,390.44	MNT 3,389.31
Morocco							
Rabat 204	Moroccan dirham	M	USD 1 =	MAD 9.4830	MAD 8.8463	MAD 8.9171	MAD 8.9205
	= 100 centimes						
	MAD	M	EUR 1 =	MAD 10.8360	MAD 10.7819	MAD 10.5980	MAD 10.5922

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 Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Mozambique							
Maputo 366	Metical = 100 centavos	B	USD 1 =	MZN 69.33	MZN 60.44	MZN 62.88	MZN 63.00
		S	USD 1 =	MZN 70.71	MZN 61.64	MZN 64.14	MZN 64.26
	MZN	B	EUR 1 =	MZN 79.66	MZN 73.72	MZN 74.71	MZN 74.84
		S	EUR 1 =	MZN 81.25	MZN 75.18	MZN 76.20	MZN 76.34
Myanmar							
Nay Pyi Taw 676	Kyat = 100 pyas	M	USD 1 =	MMK 1,367.99	MMK 1,589.40	MMK 1,617.90	MMK 1,645.00
	MMK	M	EUR 1 =	MMK 1,566.13	MMK 1,938.10	MMK 1,923.90	MMK 1,957.40
Namibia ¹							
Windhoek 389	Namibia dollar = 100 cents	M	USD 1 =	NAD 16.4975	NAD 13.7800	NAD 14.2998	NAD 14.5662
	NAD	M	EUR 1 =	NAD 18.9025	NAD 16.7978	NAD 17.0168	NAD 17.3031
Nepal							
Kathmandu 672	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 118.35	NPR 115.61	NPR 118.46	NPR 118.76
		S	USD 1 =	NPR 118.95	NPR 116.21	NPR 119.06	NPR 119.36
	NPR	B	EUR 1 =	NPR 135.65	NPR 140.94	NPR 141.10	NPR 140.98
		S	EUR 1 =	NPR 136.33	NPR 141.67	NPR 141.81	NPR 141.69
Netherlands							
Amsterdam Seat of government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
New Caledonia ¹							
Nouméa 809	CFP franc	V	XPF 1,000 =	USD 9.57	USD 10.22	USD 9.96	USD 9.96
	XPF	2	XPF 1,000 =	EUR 8.38	EUR 8.38	EUR 8.38	EUR 8.38
New Zealand							
Wellington 804	New Zealand dollar = 100 cents	B	NZD 1 =	USD 0.6646	USD 0.7392	USD 0.7131	USD 0.7140
		S	NZD 1 =	USD 0.6398	USD 0.7114	USD 0.6863	USD 0.6872
	NZD	B	NZD 1 =	EUR 0.5813	EUR 0.6060	EUR 0.5993	EUR 0.6010
		S	NZD 1 =	EUR 0.5584	EUR 0.5832	EUR 0.5768	EUR 0.5784
Nicaragua							
Managua 432	Córdoba = 100 centavos	M	USD 1 =	NIO 34.3819	NIO 35.1109	NIO 35.1681	NIO 35.2273
	NIO	V, M	EUR 1 =	NIO 39.44819	NIO 42.83881	NIO 41.79377	NIO 41.88878

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 Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Niger ¹							
Niamey 240	CFA franc	B	USD 1 =	XOF .	XOF 534.25	XOF 548.00	XOF 548.00
		S	USD 1 =	XOF .	XOF 541.25	XOF 555.00	XOF 555.00
		M	USD 1 =	XOF 574.293	XOF 537.75	XOF 551.50	XOF 551.50
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Nigeria ¹							
Abuja 288	Naira = 100 kobo	B	USD 1 =	NGN 356.66	NGN 409.00	NGN 409.16	NGN 409.10
		S	USD 1 =	NGN 357.66	NGN 410.00	NGN 410.16	NGN 410.10
		B	EUR 1 =	NGN 408.9567	NGN 498.9800	NGN 486.6549	NGN 486.3790
	NGN	S	EUR 1 =	NGN 410.1010	NGN 500.2000	NGN 487.8443	NGN 487.5679
North Macedonia							
Skopje 096	North Macedonia denar = 100 deni	B	USD 1 =	MKD 53.7828	MKD 50.4627	MKD 51.6374	MKD 51.4449
		S	USD 1 =	MKD 54.3233	MKD 50.9699	MKD 52.1564	MKD 51.9619
		B	EUR 1 =	MKD 61.3734	MKD 61.2718	MKD 61.3865	MKD 61.1731
	MKD	S	EUR 1 =	MKD 61.9903	MKD 61.8876	MKD 62.0035	MKD 61.7879
Norway							
Oslo 028	Norwegian krone = 100 øre	B	USD 1 =	NOK 9.3758	NOK 8.3398	NOK 8.5243	NOK 8.7454
		S	USD 1 =	NOK 9.4481	NOK 8.4158	NOK 8.6003	NOK 8.8214
		B	EUR 1 =	NOK 10.7787	NOK 10.1695	NOK 10.1526	NOK 10.3990
	NOK	S	EUR 1 =	NOK 10.8582	NOK 10.2545	NOK 10.2376	NOK 10.4840
Oman							
Muscat 649	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 0.4399904	OMR 0.4684032	OMR 0.4569984	OMR 0.4552320
	OMR	S	EUR 1 =	OMR 0.4412132	OMR 0.4696615	OMR 0.4582655	OMR 0.4565715
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa	B	USD 1 =	PKR 161.93	PKR 154.40	PKR 157.80	PKR 161.90
		S	USD 1 =	PKR 162.43	PKR 154.90	PKR 158.30	PKR 162.40
		B	EUR 1 =	PKR 185.36	PKR 188.33	PKR 188.12	PKR 192.67
	PKR	S	EUR 1 =	PKR 186.01	PKR 188.94	PKR 188.71	PKR 193.26
Panama ¹							
Panama City 442	Balboa = 100 centésimos	4	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
		V	EUR 1 =	PAB 1.1422	PAB 1.2201	PAB 1.1884	PAB 1.1891
Papua New Guinea							
Port Moresby 801	Kina = 100 toea	B	PGK 1 =	USD 0.2963	USD 0.2925	USD 0.2925	USD 0.2925
		S	PGK 1 =	USD 0.2813	USD 0.2775	USD 0.2775	USD 0.2775
		B	PGK 1 =	EUR 0.2527	EUR 0.2342	EUR 0.2400	EUR 0.2402
	PGK	S	PGK 1 =	EUR 0.2377	EUR 0.2192	EUR 0.2250	EUR 0.2252

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 Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Paraguay							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 6,770.58	PYG 6,750.73	PYG 6,733.98	PYG 6,911.09
		S	USD 1 =	PYG 6,788.29	PYG 6,767.54	PYG 6,761.37	PYG 6,921.95
	PYG	V, B	EUR 1 =	PYG 7,752.25	PYG 8,236.57	PYG 8,002.66	PYG 8,217.98
		V, S	EUR 1 =	PYG 7,772.67	PYG 8,257.08	PYG 8,035.21	PYG 8,230.89
Peru							
Lima 504	Sol = 100 céntimos	B	USD 1 =	PEN 3.494	PEN 3.808	PEN 3.849	PEN 4.036
		S	USD 1 =	PEN 3.498	PEN 3.827	PEN 3.866	PEN 4.044
	PEN	B	EUR 1 =	PEN 3.943	PEN 4.377	PEN 4.651	PEN 4.749
		S	EUR 1 =	PEN 4.117	PEN 5.085	PEN 4.848	PEN 5.028
Philippines							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 49.28	PHP 47.40	PHP 48.50	PHP 50.00
		S	USD 1 =	PHP 49.78	PHP 47.90	PHP 49.00	PHP 50.50
	PHP	B	EUR 1 =	PHP 54.8526	PHP 55.8154	PHP 55.7751	PHP 57.3954
		S	EUR 1 =	PHP 58.1524	PHP 59.8227	PHP 59.7235	PHP 61.4016
Poland							
Warsaw 060	Polish zloty = 100 groszy	M	USD 1 =	PLN 3.8978	PLN 3.6724	PLN 3.8035	PLN 3.8410
	PLN	M	EUR 1 =	PLN 4.4742	PLN 4.4805	PLN 4.5208	PLN 4.5731
Portugal							
Lisbon 010	Euro = 100 cent	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
	EUR						
Qatar							
Doha 644	Qatari riyal = 100 dirham	2	USD 1 =	QAR 3.6400	QAR 3.6400	QAR 3.6400	QAR 3.6400
		V, M	EUR 1 =	QAR 4.1751	QAR 4.4412	QAR 4.3258	QAR 4.3283
QAR							
Romania							
Bucharest 066	Romanian leu = 100 bani	M	USD 1 =	RON 4.2413	RON 4.0361	RON 4.1425	RON 4.1348
		M	EUR 1 =	RON 4.8418	RON 4.9198	RON 4.9267	RON 4.9198
RON							
Russian Federation							
Moscow 075	Russian rouble = 100 kopecks	M	USD 1 =	RUB 72.3558	RUB 73.5870	RUB 72.3723	RUB 73.1388
		M	EUR 1 =	RUB 83.9960	RUB 89.6731	RUB 86.2026	RUB 86.9913
RUB							

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 Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 934.857718	RWF 974.554410	RWF 977.367211	RWF 980.209704
		S	USD 1 =	RWF 953.552984	RWF 994.043530	RWF 996.912581	RWF 999.811918
	RWF	B	EUR 1 =	RWF 1,070.37143	RWF 1,188.81020	RWF 1,163.11585	RWF 1,164.48913
		S	EUR 1 =	RWF 1,091.77668	RWF 1,212.58400	RWF 1,186.37582	RWF 1,187.77656
Saint Helena, Ascension and Tristan da Cunha							
Jamestown 329	Saint Helena pound ² = 100 pence SHP	V	USD 1 =	SHP 0.77894	SHP 0.70497	SHP 0.72202	SHP 0.71600
		V	EUR 1 =	SHP 0.88970	SHP 0.86013	SHP 0.85805	SHP 0.85140
Saint Kitts and Nevis							
Basseterre 449	East Caribbean dollar = 100 cents	³ B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		³ S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.0705	XCD 3.2799	XCD 3.1947	XCD 3.1965
		V, S	EUR 1 =	XCD 3.1032	XCD 3.3149	XCD 3.2288	XCD 3.2307
Saint Lucia							
Castries 465	East Caribbean dollar = 100 cents	³ B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		³ S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.0705	XCD 3.2799	XCD 3.1947	XCD 3.1965
		V, S	EUR 1 =	XCD 3.1032	XCD 3.3149	XCD 3.2288	XCD 3.2307
Saint Vincent and the Grenadines							
Kingstown 467	East Caribbean dollar = 100 cents	³ B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		³ S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.0705	XCD 3.2799	XCD 3.1947	XCD 3.1965
		V, S	EUR 1 =	XCD 3.1032	XCD 3.3149	XCD 3.2288	XCD 3.2307
Samoa							
Apia 819	Tala = 100 sene WST	M	WST 1 =	USD 0.37602	USD 0.39673	USD 0.39029	USD 0.38940
		M	WST 1 =	EUR 0.32805	EUR 0.32534	EUR 0.32807	EUR 0.32745
Sao Tome and Principe							
São Tomé 311	Dobra = 100 cêntimos	B	USD 1 =	STN 21.4306	STN 20.1779	STN 20.6090	STN 20.6351
		S	USD 1 =	STN 21.7520	STN 20.4806	STN 20.9182	STN 20.9446
	STN	4	EUR 1 =	STN 24.5000	STN 24.5000	STN 24.5000	STN 24.5000
Saudi Arabia							
Riyadh 632	Saudi riyal = 100 halalah SAR	³ M	USD 1 =	SAR 3.75	SAR 3.75	SAR 3.75	SAR 3.75
		M	EUR 1 =	SAR 4.29532	SAR 4.57538 ^v	SAR 4.45650 ^v	SAR 4.45913 ^v

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 Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Senegal ¹							
Dakar 248	CFA franc	B	USD 1 =	XOF .	XOF 534.25	XOF 548.00	XOF 548.00
		S	USD 1 =	XOF .	XOF 541.25	XOF 555.00	XOF 555.00
		M	USD 1 =	XOF 574.293 ^v	XOF 537.75	XOF 551.50	XOF 551.50
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Serbia							
Belgrade 098	Serbian dinar = 100 para	B	USD 1 =	RSD 102.5584	RSD 96.0646	RSD 98.4407	RSD 98.6651
		S	USD 1 =	RSD 103.1756	RSD 96.6428	RSD 99.0331	RSD 99.2589
		B	EUR 1 =	RSD 117.2267	RSD 117.2181	RSD 117.2133	RSD 117.2141
	RSD	S	EUR 1 =	RSD 117.9322	RSD 117.9235	RSD 117.9187	RSD 117.9195
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 17.5118	SCR 16.2176	SCR 15.5944	SCR 15.2904
		S	USD 1 =	SCR 18.0531	SCR 16.8660	SCR 16.1173	SCR 16.0608
		B	EUR 1 =	SCR 20.3540	SCR 20.0141	SCR 18.1618	SCR 17.9852
	SCR	S	EUR 1 =	SCR 20.8170	SCR 20.8466	SCR 19.1364	SCR 18.8853
Sierra Leone							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 9,731.85	SLL 10,130.41	SLL 10,164.78	SLL 10,155.60
		S	USD 1 =	SLL 9,928.45	SLL 10,335.07	SLL 10,370.13	SLL 10,360.76
		B	EUR 1 =	SLL 11,150.96	SLL 12,352.48	SLL 12,090.78	SLL 12,082.50
	SLL	S	EUR 1 =	SLL 11,373.32	SLL 12,596.42	SLL 12,331.18	SLL 12,322.05
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents	M	USD 1 =	SGD 1.3785	SGD 1.3228	SGD 1.3444	SGD 1.3534
		M	EUR 1 =	SGD 1.5781	SGD 1.6135	SGD 1.6001	SGD 1.6076
Sint Maarten (southern part)							
Philipsburg 479	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 204.29	ANG 217.11	ANG 211.70	ANG 211.93
	ANG	S	EUR 100 =	ANG 208.40	ANG 221.48	ANG 215.96	ANG 216.20
Slovakia							
Bratislava 063	Euro = 100 cent	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
Slovenia							
Ljubljana 091	Euro = 100 cent	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents	M	SBD 1 =	USD 0.1218	USD 0.1251	USD 0.1245	USD 0.1240
		M	SBD 1 =	EUR 0.10634	EUR 0.10270	EUR 0.10460	EUR 0.10430

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 Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Somalia ¹							
Mogadishu 342	Somali shilling	M	USD 1 =	.	.	.	.
	SOS	M	EUR 1 =	.	.	.	.
South Africa							
Pretoria Seat of parliament: Cape Town 388	South African rand = 100 cents	B	USD 1 =	ZAR 16.2667	ZAR 13.5613	ZAR 14.0463	ZAR 14.3925
		S	USD 1 =	ZAR 16.5842	ZAR 13.8788	ZAR 14.3638	ZAR 14.7100
	ZAR	B	EUR 1 =	ZAR 18.6923	ZAR 16.5307	ZAR 16.6489	ZAR 17.0846
		S	EUR 1 =	ZAR 19.1284	ZAR 16.9706	ZAR 17.0898	ZAR 17.5257
South Sudan							
Juba 225	South Sudanese pound = 100 piastres	M	USD 1 =	SSP 167.8527	SSP 259.1707	SSP 322.5939	SSP 397.5621
	SSP	M	EUR 1 =	SSP 195.2527	SSP 315.7868	SSP 384.0485	SSP 469.4615
Spain							
Madrid 011	Euro = 100 cent	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
	EUR						
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 183.2437	LKR 197.9103	LKR 197.3263	LKR 198.3983
		S	USD 1 =	LKR 187.8005	LKR 202.8896	LKR 202.8977	LKR 202.8977
	LKR	B	EUR 1 =	LKR 208.6868	LKR 240.7901	LKR 234.1223	LKR 233.6903
		S	EUR 1 =	LKR 216.2827	LKR 247.8300	LKR 241.7610	LKR 241.3205
Sudan							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 54.4417	SDG 421.3468	SDG 450.9532	SDG 443.8242
		S	USD 1 =	SDG 54.7139	SDG 424.5069	SDG 454.3353	SDG 447.1529
	SDG	B	EUR 1 =	SDG 62.4240	SDG 513.9673	SDG 537.1845	SDG 526.1669
		S	EUR 1 =	SDG 62.7361	SDG 517.8220	SDG 541.2134	SDG 530.1132
Suriname ¹							
Paramaribo 492	Suriname dollar = 100 cents	B	USD 1 =	SRD 9.603	SRD 20.601	SRD 20.972	SRD 21.134
		S	USD 1 =	SRD 9.777	SRD 21.000	SRD 21.500	SRD 21.452
	SRD	B	EUR 1 =	SRD 11.097	SRD 25.014	SRD 24.855	SRD 24.018
		S	EUR 1 =	SRD 11.298	SRD 25.498	SRD 25.570	SRD 24.811
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 9.1519	SEK 8.2535	SEK 8.4578	SEK 8.5057
		S	USD 1 =	SEK 9.2569	SEK 8.3585	SEK 8.5628	SEK 8.6107
	SEK	B	EUR 1 =	SEK 10.4272	SEK 10.0739	SEK 10.0674	SEK 10.1211
		S	EUR 1 =	SEK 10.5422	SEK 10.1889	SEK 10.1824	SEK 10.2361

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 Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Switzerland							
Berne 039	Swiss franc = 100 rappen/centimes CHF	B	USD 1 =	CHF 0.9381	CHF 0.8999	CHF 0.9229	CHF 0.9051
		B	EUR 1 =	CHF 1.0711	CHF 1.0977	CHF 1.0970	CHF 1.0774
Syrian Arab Republic ¹							
Damascus 608	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 1,250.00 ²	SYP 2,500.00	SYP 2,500.00	SYP 2,500.00
		S	USD 1 =	SYP 1,262.14 ²	SYP 2,525.00	SYP 2,525.00	SYP 2,525.00
		B	EUR 1 =	SYP 1,474.86 ²	SYP 3,037.00	SYP 2,967.00	SYP 2,962.00
		S	EUR 1 =	SYP 1,489.61 ²	SYP 3,067.37	SYP 2,996.67	SYP 2,991.62
Tajikistan							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 10.3374	TJS 11.3200	TJS 11.3210	TJS 11.3225
		M	EUR 1 =	TJS 11.8378	TJS 13.7447	TJS 13.4550	TJS 13.4613
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 2,283.1172	TZS 2,287.1584	TZS 2,287.4950	TZS 2,287.7921
		S	USD 1 =	TZS 2,305.9483	TZS 2,310.0300	TZS 2,310.3700	TZS 2,310.6700
		B	EUR 1 =	TZS 2,617.0269	TZS 2,777.5252	TZS 2,718.9166	TZS 2,716.5243
		S	EUR 1 =	TZS 2,643.9660	TZS 2,806.2244	TZS 2,747.0299	TZS 2,744.6138
Thailand							
Bangkok 680	Thai baht = 100 satang THB	B	USD 1 =	THB 31.0973	THB 31.0874	THB 31.8847	THB 32.7135
		S	USD 1 =	THB 31.4341	THB 31.4384	THB 32.2219	THB 33.0900
		B	EUR 1 =	THB 35.5464	THB 37.7305	THB 37.7588	THB 38.6836
		S	EUR 1 =	THB 36.2858	THB 38.5140	THB 38.5238	THB 39.4634
Togo ¹							
Lomé 280	CFA franc XOF	B	USD 1 =	XOF .	XOF 534.25	XOF 548.00	XOF 548.00
		S	USD 1 =	XOF .	XOF 541.25	XOF 555.00	XOF 555.00
		M	USD 1 =	XOF 574.293 ^v	XOF 537.75	XOF 551.50	XOF 551.50
		3	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Tonga							
Nuku'alofa 817	Pa'anga = 100 seniti TOP	M	TOP 1 =	USD 0.4350	USD 0.4484	USD 0.4445	USD 0.4435
		M	TOP 1 =	EUR 0.3787	EUR 0.3670	EUR 0.3731	EUR 0.3722
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.7138	TTD 6.6567	TTD 6.7188	TTD 6.7145
		S	USD 1 =	TTD 6.7781	TTD 6.7563	TTD 6.7759	TTD 6.7609
		B	EUR 1 =	TTD 7.7724	TTD 8.1225	TTD 7.9662	TTD 8.0458
		S	EUR 1 =	TTD 8.3139	TTD 8.7156	TTD 8.7984	TTD 8.4860

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 Average from June to December 2020. ³ Value against the euro.

IV. Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes	B	USD 1 =	TND 2.8046	TND 2.7222	TND 2.7740	TND 2.7691
		S	USD 1 =	TND 2.8074	TND 2.7250	TND 2.7767	TND 2.7718
	TND	B	EUR 1 =	TND 3.2055	TND 3.3220	TND 3.2971	TND 3.2956
		S	EUR 1 =	TND 3.2087	TND 3.3254	TND 3.3003	TND 3.2989
Turkey							
Ankara 052	Turkish lira = 100 kuruş	B	USD 1 =	TRY 7.0024	TRY 8.5496	TRY 8.7052	TRY 8.4975
		S	USD 1 =	TRY 7.0150	TRY 8.5651	TRY 8.7208	TRY 8.5128
	TRY	B	EUR 1 =	TRY 8.0963	TRY 10.4147	TRY 10.3645	TRY 10.0862
		S	EUR 1 =	TRY 8.1109	TRY 10.4334	TRY 10.3832	TRY 10.1043
Turkmenistan ¹							
Ashgabat 080	Turkmen manat = 100 tenge	2	USD 1 =	TMT 3.50	TMT 3.50	TMT 3.50	TMT 3.50
		M	EUR 1 =	TMT 4.0021	TMT 4.2662	TMT 4.1668	TMT 4.1664
Uganda							
Kampala 350	Uganda shilling	B	USD 1 =	UGX 3,718.43	UGX 3,541.00	UGX 3,549.07	UGX 3,545.04
		S	USD 1 =	UGX 3,728.43	UGX 3,551.00	UGX 3,559.07	UGX 3,555.04
	UGX	B	EUR 1 =	UGX 4,242.69	UGX 4,319.87	UGX 4,234.66	UGX 4,182.94
		S	EUR 1 =	UGX 4,254.10	UGX 4,332.07	UGX 4,246.59	UGX 4,194.74
Ukraine							
Kyiv 072	Hryvnia = 100 kopiyok	M	USD 1 =	UAH 27.0268	UAH 27.5004	UAH 27.1763	UAH 26.8867
		M	EUR 1 =	UAH 30.9090	UAH 33.3896	UAH 32.3018	UAH 31.9239
United Arab Emirates ¹							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils	2	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
		V, M	EUR 1 =	AED 4.1947	AED 4.4808	AED 4.3644	AED 4.3670
United Kingdom ¹							
London 006	Pound sterling = 100 pence	M	GBP 1 =	USD 1.2836	USD 1.4176	USD 1.3819	USD 1.3907
		M	EUR 1 =	GBP 0.8882	GBP 0.8593	GBP 0.8584	GBP 0.8527
United States							
Washington 400	US dollar = 100 cents	M	EUR 1 =	USD 1.14706	USD 1.2225	USD 1.1855	USD 1.1870
		M	GBP 1 =	USD 1.28379	USD 1.4209	USD 1.3827	USD 1.3901

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 *

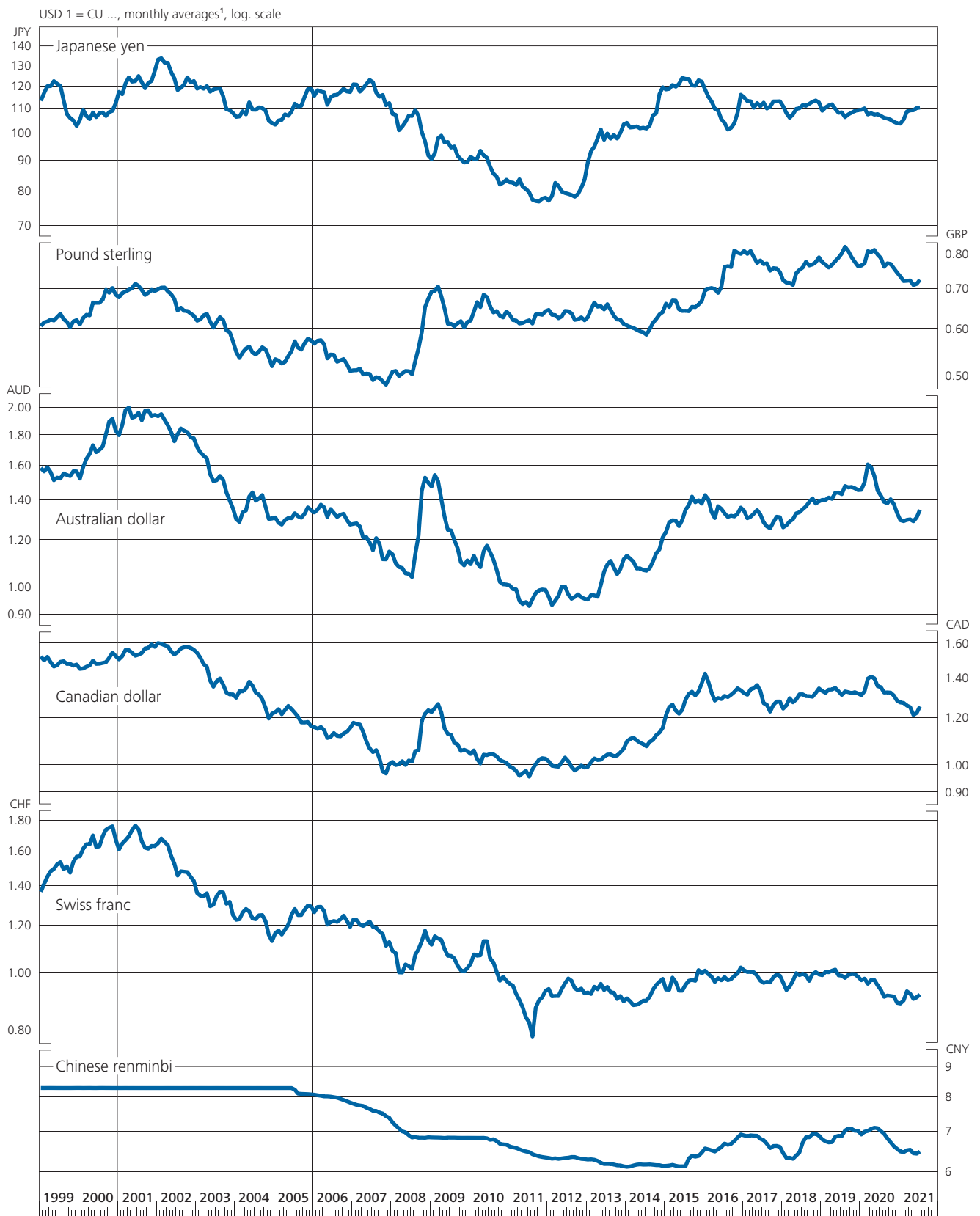
1. Currencies and exchange rates in individual countries (cont'd)

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2020	Rate at end of month		
					May 2021	June 2021	July 2021
Uruguay							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 42.056	UYU 43.794	UYU 43.577	UYU 43.704
		M	EUR 1 =	UYU 48.0537	UYU 53.5491	UYU 51.6279	UYU 51.8176
Uzbekistan							
Tashkent 081	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 10,067.97	UZS 10,580.65	UZS 10,605.30	UZS 10,625.00
		M	EUR 1 =	UZS 11,507.02	UZS 12,893.58	UZS 12,629.85	UZS 12,616.13
Vanuatu							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 113.11	VUV 105.67	VUV 107.67	VUV 108.71
		S	USD 1 =	VUV 120.41	VUV 112.39	VUV 114.52	VUV 115.63
		B	EUR 1 =	VUV 130.25	VUV 129.87	VUV 129.10	VUV 129.74
		S	EUR 1 =	VUV 135.57	VUV 135.11	VUV 134.31	VUV 134.98
Venezuela, Bolivarian Republic of ¹							
Caracas 484	Bolívar Soberano = 100 céntimos VES	B	USD 1 =	VES 374,790	VES 3,107,977	VES 3,212,547	VES 4,005,607
		S	USD 1 =	VES 375,729	VES 3,115,767	VES 3,220,598	VES 4,015,646
		B	EUR 1 =	VES 443,299	VES 3,799,595	VES 3,810,016	VES 4,752,212
		S	EUR 1 =	VES 444,444	VES 3,809,118	VES 3,819,565	VES 4,764,122
Viet Nam							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 23,160	VND 22,945	VND 22,920	VND 22,850
		S	USD 1 =	VND 23,332	VND 23,145	VND 23,120	VND 23,050
		B	EUR 1 =	VND 26,248.31	VND 27,509.04	VND 26,834.26	VND 26,848.45
		S	EUR 1 =	VND 27,282.12	VND 28,656.72	VND 27,953.81	VND 27,963.10
Yemen							
Sana'a 653	Yemeni rial = 100 fils YER	B	USD 1 =	YER 250.00	YER 250.00	YER 250.00	YER 250.00
		S	USD 1 =	YER 250.50	YER 250.50	YER 250.50	YER 250.50
		B	EUR 1 =	YER 286.39	YER 304.95	YER 297.55	YER 296.44
		S	EUR 1 =	YER 286.96	YER 305.56	YER 298.15	YER 297.03
Zambia							
Lusaka 378	Kwacha = 100 ngwee ZMW	B	USD 1 =	ZMW 18.5912	ZMW 22.4945	ZMW 22.6143	ZMW 19.1865
		S	USD 1 =	ZMW 18.6414	ZMW 22.5445	ZMW 22.6643	ZMW 19.2365
		B	EUR 1 =	ZMW 21.3952	ZMW 27.4388	ZMW 26.8409	ZMW 22.7916
		S	EUR 1 =	ZMW 21.4583	ZMW 27.5065	ZMW 26.9025	ZMW 22.8568
Zimbabwe							
Harare 382	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =	ZWL 54.51903	ZWL 84.72590	ZWL 85.42340	ZWL 85.64020
		M	EUR 1 =	ZWL 63.77682	ZWL 103.30205	ZWL 101.64960	ZWL 101.74503

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

IV. Overview of world currencies*

2. Exchange rates of the US dollar against major currencies



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

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 (country code)	Currency	Country or territory (country code)	Currency
Åland Islands Alhucemas American Samoa (830) Andaman Islands Andorra 1 (043) Anguilla (446) Azores (010)	Euro Euro US dollar Indian rupee Euro East Caribbean dollar Euro	Madeira (010) Marie-Galante (001) Marshall Islands (824) Martinique (001) Mayotte (001) Melilla (023) Micronesia, Federated States of (823) Monaco 1 (001) Montenegro (097) Montserrat (470) Mooréa	Euro Euro US dollar Euro Euro Euro US dollar Euro Euro East Caribbean dollar CFP franc
Baker Island (832) Balearics Bali Bonaire (475) Bora-Bora Borneo (northern part) (701) Borneo (southern part) (700) British Virgin Islands (468)	US dollar Euro Indonesian rupiah US dollar CFP franc Malaysian ringgit Indonesian rupiah US dollar	Nauru (803) Newfoundland Nicobar Islands Niue (838) Norfolk Island (836) Northern Mariana Islands (820)	Australian dollar Canadian dollar Indian rupee New Zealand dollar Australian dollar US dollar
Canary Islands (011) Ceuta (021) Chafarinas (Islands) Christmas Island (834) Cocos Islands (833)	Euro Euro Euro Australian dollar Australian dollar	Palau (825) Pescadores Pitcairn Islands Group (813) Puerto Rico (400)	US dollar New Taiwan dollar New Zealand dollar US dollar
Désirade (001)	Euro	Réunion (001)	Euro
Easter Island Ecuador 1 (500)	Chilean peso US dollar	Saba (475) San Marino 1 (047) Spitzbergen/Spitsbergen (028) St Barthélemy (001) St Eustatius (475) St Martin (northern part) (001) St Pierre and Miquelon (408) Sumatra Swan Islands (424)	US dollar Euro Norwegian krone Euro US dollar Euro Euro Indonesian rupiah Honduran lempira
Faroe Islands 1 (041) (French) Guiana (001) French Polynesia (822)	Danish krone Euro CFP franc	Tahiti (822) Tibet (720) Timor-Leste 1 (626) Tokelau (839) Turks and Caicos Islands 1 (454) Tuvalu 1 (807)	CFP franc Chinese renminbi US dollar New Zealand dollar/Samoan tala US dollar Australian dollar
Galapagos Islands (500) Gozo (Island of) Greenland (406) Guadeloupe (001) Guam (831) Guernsey 1 (107)	US dollar Euro Danish krone Euro US dollar Pound sterling	Vatican City 1 (045) Virgin Islands of the United States (457)	Euro US dollar
Howland Island (832)	US dollar	Wallis and Futuna (Islands) (811) Western Sahara (203)	CFP franc Moroccan dirham
Isle of Man 1 (109)	Pound sterling	Zanzibar (Island) (352)	Tanzania shilling
Jarvis Island (832) Java Jersey 1 (108)	US dollar Indonesian rupiah Pound sterling		
Kiribati 1 (812) Kosovo (095)	Australian dollar Euro Serbian dinar		
Laccadive Islands Les Saintes Islands (001) Liechtenstein (021)	Indian rupee Euro Swiss franc		

Sources: Central banks and The Statesman's Yearbook. * See Explanatory notes, p. 50. ¹ Local currency is also in use.

VI. Global exchange rate arrangements and monetary policy framework*

As of end-April 2019

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

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2019, Table 2, IMF, Washington. * See Explanatory notes, pp. 51-52. ¹ Includes countries that have no explicitly stated nominal anchor, but rather monitor various indicators in conducting monetary policy. ² The members participate in the Eastern Caribbean

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

VI. Global exchange rate arrangements and monetary policy framework*

As of end-April 2019

AS of end April 2015

Exchange rate arrangement	Monetary policy framework						
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework	Other 1
	US dollar	Euro	Exchange rate anchor Composite	Other			
Crawl-like arrangement	Liberia		Singapur		Algeria 7 Bangladesh 7 Burundi 7 Ethiopia 7 Papua New Guinea 7 Rwanda 7 Tanzania, United Republic of 7	Dominican Republic 7 Paraguay 7	Haiti 7 Lao People's Democratic Republic 7 Mauritania 7 Sri Lanka 7,11 South Sudan 7,8 Tunisia 10,11 Uzbekistan 7,9,11
Pegged exchange rate within horizontal bands							Tonga 3
Other managed arrangement	Cambodia		Syrian Arab Republic		Afghanistan Angola China Gambia Myanmar Sierra Leone		Kenya 11 Mongolia 8,9,11 Pakistan 8 Vanuatu Venezuela, Bolivarian Republic of
Floating					Argentina Belarus Madagascar Seychelles Zimbabwe	Albania Brazil Colombia Costa Rica Czechia Georgia Ghana Hungary Iceland India Indonesia Israel Jamaica Kazakhstan Korea, Republic of Moldova, Republic of New Zealand Peru Philippines South Africa Thailand Turkey Uganda Ukraine Uruguay	Malaysia Mauritius Mozambique 11 Switzerland Zambia
Free floating						Australia Canada Chile Japan Mexico Norway Poland Russian Federation Sweden United Kingdom	Somalia 12 United States Euro area Austria Belgium Cyprus Estonia Finland France Germany Greece Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain

exchange rate anchor to the US dollar. ⁸ The exchange rate arrangement or monetary policy framework was reclassified retroactively, overriding a previously published classification. ⁹ The exchange rate arrangement was reclassified twice during this reporting period. ¹⁰ The country maintains a de facto exchange rate

anchor to the euro. ¹¹ The central bank is in transition toward inflation targeting. ¹² Currently the Central Bank of Somalia does not have a monetary policy framework.

VII. ISO currency codes *

ISO code	Currency	Country ¹ or territory	ISO code	Currency	Country ¹ or territory	ISO code	Currency	Country ¹ or territory
AED	United Arab Emirates dirham	United Arab Emirates	CUC	Convertible peso	Cuba ¹	GMD	Dalasi	Gambia
AFN	Afghani	Afghanistan	CUP	Cuban peso	Cuba	GNF	Guinean franc	Guinea
ALL	Albanian lek	Albania	CVE	Cabo Verde escudo	Cabo Verde	GTQ	Quetzal	Guatemala
AMD	Armenian dram	Armenia	CZK	Czech koruna	Czechia	GYP	Guyana dollar	Guyana
ANG	Netherlands Antillean guilder	Curaçao Sint Maarten (southern part)	DJF	Djibouti franc	Djibouti	HKD	Hong Kong dollar	Hong Kong
AOA	Kwanza	Angola	DKK	Danish krone	Denmark Faroe Islands Greenland	HNL	Lempira	Honduras
ARS	Argentine peso	Argentina	DOP	Dominican peso	Dominican Republic	HRK	Kuna	Croatia
AUD	Australian dollar	Australia Christmas Island Cocos Islands Kiribati Nauru Norfolk Island Tuvalu	DZD	Algerian dinar	Algeria	HTG	Gourde	Haiti
AWG	Aruban florin	Aruba	EGP	Egyptian pound	Egypt	HUF	Hungarian forint	Hungary
AZN	Azerbaijan manat	Azerbaijan	ERN	Nakfa	Eritrea	IDR	Indonesian rupiah	Indonesia
BAM	Convertible marka	Bosnia and Herzegovina	ETB	Birr	Ethiopia	ILS	New shekel	Israel
BBD	Barbados dollar	Barbados	EUR	Euro	Austria Belgium Cyprus Estonia Finland France Germany Greece Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain	INR	Indian rupee	India Bhutan
BDT	Taka	Bangladesh			Åland Islands Andorra (French) Guiana Guadeloupe Martinique Mayotte Monaco Montenegro Réunion Saint Pierre and Miquelon Saint Barthélemy Saint Martin (northern part) San Marino Vatican City	IQD	Iraqi dinar	Iraq
BGN	Bulgarian lev	Bulgaria				IRR	Iranian rial	Iran, Islamic Republic of
BHD	Bahraini dinar	Bahrain				ISK	Icelandic krona	Iceland
BIF	Burundi franc	Burundi				JMD	Jamaican dollar	Jamaica
BMD	Bermudian dollar	Bermuda				JOD	Jordanian dinar	Jordan
BND	Brunei dollar	Brunei Darussalam				JPY	Japanese yen	Japan
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
						KZT	Tenge	Kazakhstan
CAD	Canadian dollar	Canada	FJD	Fiji dollar	Fiji	LAK	Kip	Lao People's Democratic Republic
CDF	Congo franc	Congo, Democratic Republic of the	FKP	Falkland Islands pound	Falkland Islands (Islas Malvinas)	LBP	Lebanese pound	Lebanon
CHF	Swiss franc	Switzerland Liechtenstein	GBP	Pound sterling	United Kingdom Guernsey Isle of Man Jersey	LKR	Sri Lanka rupee	Sri Lanka
CLP	Chilean peso	Chile	GEL	Lari	Georgia	LRD	Liberian dollar	Liberia
CNY	Chinese renminbi	China	GHS	Ghana cedi	Ghana	LSL	Loti	Lesotho
COP	Colombian peso	Colombia	GIP	Gibraltar pound	Gibraltar	LYD	Libyan dinar	Libya
CRC	Costa Rican colón	Costa Rica						

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

VII. ISO currency codes *

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

■ Explanatory notes

■ Euro foreign exchange reference rates of the European Central Bank

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

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

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

■ Effective euro exchange rates

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

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

The table entitled "Overall trade weights used in the calculation of the effective exchange rates (EER) of the euro" on page 49 shows trading partners' membership of the EER-19 and EER-42 groups as well as their percentage weights. To prevent breaks in the time series, the indices of two consecutive weighting periods are chain-linked beyond the end of the preceding period. See the ECB's website for information on the revised trade weights published from July 2020 (<https://www.ecb.europa.eu/stats/pdf/exchange/updatedtradeweights201708202007.pdf?f184ad85cc2c5ccefd05680706893cde>).

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

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

■ Indicators of the German economy's price competitiveness

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

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

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

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

Figures in %

As of July 2020

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

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

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

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

■ Overview of world currencies

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

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

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

The numerical country code is based on the list of countries for foreign trade and payments statistics of the Federal Republic of Germany, which can be found on the Deutsche Bundesbank's website under Service / Reporting systems / External sector / Code lists.

■ Value of the special drawing right

With the introduction of the Chinese renminbi on 1 October 2016, the value of an SDR (ISO code XDR) is defined as the sum of the values of fixed amounts of five currencies.

The composition of the currency basket as well as the weight and amounts of the currency units in the basket

are reviewed every five years. In the most recently concluded review (November 2015), the Executive Board of the IMF decided that the Chinese renminbi will be included in the SDR basket as the fifth currency. With effect from 1 October 2016, the SDR basket comprises the five fixed currency amounts shown in column (a). These were fixed on 30 September 2016 on the basis of the average exchange rates in the London spot exchange market in the third quarter of 2016 and of the initial new percentage weights (column (b)) such that, on 30 September 2016, the new SDR value corresponded with the value calculated on the basis of the old basket (see <https://www.imf.org/en/Publications/Policy-Papers/Issues/2016/12/31/Review-of-the-Method-of-Valuation-of-the-SDR-Amendment-to-Rule-O-1-PP5065>).

	(a)	(b)
US dollar	0.58252	41.73
Euro	0.38671	30.93
Chinese yuan (renminbi)	1.0174	10.92
Japanese yen	11.900	8.33
Pound sterling	0.085946	8.09

On 5 March 2021, the IMF Executive Board approved a continuation of the current Special drawing rights valuation basket for an additional ten months until 31 July 2022. The next review is now scheduled to be completed by mid-2022, with the new SDR basket taking effect on 1 August 2022.

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

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

cover cross-border trade between the members of the monetary union.

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

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

A “freely usable” currency is defined in the IMF’s Articles of Agreement to mean a currency that the IMF determines is, in fact, widely used to make payments for international transactions, and is widely traded in the major exchange markets. The concept of a freely usable currency concerns the actual international use and trading of a currency, and is different from whether a currency is either freely floating or fully convertible. A currency can be widely used and widely traded even if it is subject to some capital account restrictions. On the other hand, a currency that is fully convertible is not necessarily widely used and widely traded.

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

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

Global exchange rate arrangements and monetary policy framework

The overview of the exchange rate arrangements and monetary policy framework as at the end of April 2019

(see Table VI., pp. 44-45) is based on the IMF’s “Annual Report on Exchange Arrangements and Exchange Restrictions 2019”, which can be purchased from the IMF (<http://www.imfbookstore.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

Angola

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

Argentina

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

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

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

The Administración Federal de Ingresos Públicos (AFIP) has been levying an additional tax of 35% on the same transactions since 16 September 2020.

In addition, there are said to be significantly different black market prices.

Bangladesh

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

Benin

Benin, Burkina Faso, Côte d'Ivoire, Guinea-Bissau, Mali, Niger, Senegal and Togo all belong to the West African Economic and Monetary Union (UEMOA = Union Économique et Monétaire Ouest Africaine). The responsible monetary authority is the Banque Centrale des Etats de l'Afrique de l'Ouest, whose CFA franc (F.CFA = Franc de la Communauté Financière Africaine) is legal tender only in the aforementioned countries.

Bhutan

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

Brunei Darussalam

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

Burkina Faso

See Explanatory notes on Benin.

Cameroon

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

Central African Republic

See Explanatory notes on Cameroon.

Chad

See Explanatory notes on Cameroon.

Congo

See Explanatory notes on Cameroon.

Cook Islands

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

Côte d'Ivoire

See Explanatory notes on Benin.

Cuba

With effect from 1 January 2021, the dual currency system consisting of the convertible peso (CUC) and the Cuban peso (CUP) has been abolished and the Cuban peso designated as the country's sole legal tender. The Cuban peso is pegged to the US dollar at a rate of USD 1 = CUP 24. Existing sums in convertible pesos could be exchanged at banks and bureaux de change at a rate of CUC 1 = CUP 24 until 30 June 2021.

Until the end of 2020, the Cuban government applied a CUC to CUP exchange rate of 1:1 in its national accounts. In reality, Cuban pesos could only be exchanged for convertible pesos at a considerable discount.

From 18 March 2005 to the end of 2020, the government foreign exchange bureaux (CADECA – Casas de Cambio) paid CUP 24 per CUC or USD. Individuals wanting to purchase CUC had to pay CUP 25 per CUC.

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

El Salvador

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

Equatorial Guinea

See Explanatory notes on Cameroon.

Eswatini

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

Gabon

See Explanatory notes on Cameroon.

Guinea-Bissau

See Explanatory notes on Benin.

India

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

Iran, Islamic Republic of

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

Central bank rate

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

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

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

Bureau de change rate

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

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

Iraq

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

Kenya

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

Korea, Democratic People's Republic of

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

Lebanon

It is understood that there is a considerably different, black market rate alongside the official, published exchange rate. According to press reports, this rate stood at more than 17,000 Lebanese pound to the US dollar at the end of June 2021.

Lesotho

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

Liberia

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

Macao

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

Mali

See Explanatory notes on Benin.

Namibia

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

New Caledonia

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

Niger

See Explanatory notes on Benin.

Nigeria

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

Panama

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

Senegal

See Explanatory notes on Benin.

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.

Suriname

On 7 June 2021, the Centrale Bank van Suriname abandoned the existing system of managed floating exchange rates established on 1 March 2021 and introduced a flexible exchange rate system.

Syrian Arab Republic

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

Togo

See Explanatory notes on Benin.

Turkmenistan

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

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.