

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	Data unknown, not to be published or not meaningful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 2010	13 July 2012	13 July 2014
Denmark	Upper rate	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824
Danish krone	Central rate	1 7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038
DKK	Lower rate	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252
Bulgaria	Upper rate	–	–	–	–	–	–	–	–	–	2.24920
Bulgarian lev	Central rate	–	–	–	–	–	–	–	–	–	1.95583
BGN	Lower rate	–	–	–	–	–	–	–	–	–	1.66246
Croatia	Upper rate	–	–	–	–	–	–	–	–	–	8.66468
Croatian kuna	Central rate	–	–	–	–	–	–	–	–	–	7.53450
HRK	Lower rate	–	–	–	–	–	–	–	–	–	6.40433
Greece	Upper rate	406.075	391.863	–	–	–	–	–	–	–	–
Greek drachma	Central rate	1 353.109	340.750	–	–	–	–	–	–	–	–
GRD	Lower rate	300.143	289.638	–	–	–	–	–	–	–	–
Estonia	Upper rate	–	–	17.9936	17.9936	17.9936	17.9936	17.9936	17.9936	17.9936	–
Estonian kroon	Central rate	–	–	15.6466	15.6466	15.6466	15.6466	15.6466	4 15.6466	15.6466	–
EEK	Lower rate	–	–	13.2996	13.2996	13.2996	13.2996	13.2996	13.2996	13.2996	–
Lithuania	Upper rate	–	–	3.97072	3.97072	3.97072	3.97072	3.97072	3.97072	3.97072	–
Lithuanian litas	Central rate	–	–	3.45280	3.45280	3.45280	3.45280	3.45280	5 3.45280	3.45280	–
LTl	Lower rate	–	–	2.93488	2.93488	2.93488	2.93488	2.93488	2.93488	2.93488	–
Slovenia	Upper rate	–	–	275.586	275.586	275.586	275.586	–	–	–	–
Slovenian tolar	Central rate	–	–	239.640	239.640	239.640	6 239.640	–	–	–	–
SIT	Lower rate	–	–	203.694	203.694	203.694	203.694	–	–	–	–
Cyprus	Upper rate	–	–	–	0.673065	0.673065	0.673065	0.673065	–	–	–
Cyprus pound	Central rate	–	–	–	0.585274	0.585274	7 0.585274	0.585274	–	–	–
CYP	Lower rate	–	–	–	0.497483	0.497483	0.497483	0.497483	–	–	–
Latvia	Upper rate	–	–	–	0.808225	0.808225	0.808225	0.808225	8 0.808225	0.808225	–
Latvian lats	Central rate	–	–	–	0.702804	0.702804	0.702804	0.702804	8 0.702804	0.702804	–
LVL	Lower rate	–	–	–	0.597383	0.597383	0.597383	0.597383	0.597383	0.597383	–
Malta	Upper rate	–	–	–	0.493695	0.493695	0.493695	0.493695	–	–	–
Maltese lira	Central rate	–	–	–	0.429300	0.429300	7 0.429300	0.429300	–	–	–
MTL	Lower rate	–	–	–	0.364905	0.364905	0.364905	0.364905	–	–	–
Slovakia	Upper rate	–	–	–	–	44.2233	40.7588	34.6449	9 30.1260	25.6071	–
Slovak koruna	Central rate	–	–	–	–	38.4550	35.4424	34.6449	9 30.1260	25.6071	–
SKK	Lower rate	–	–	–	–	32.6868	30.1260	–	–	–	–

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 ±15%) for at least two years without devaluing against the euro. The Danish krone has a fluctuation band of ±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	Japan	Korea, Republic of	Malaysia	Mexico	New Zealand	Norway	Philippines	
	New shekel ILS	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN	New Zealand dollar NZD	Norwegian krone NOK	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)									
	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United Kingdom	United States	
	Russian rouble RUB	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY	Pound sterling GBP	US dollar USD	
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	Japan	Korea, Republic of	Malaysia	Mexico	New Zealand	Norway	Philippines
	New shekel ILS	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN	New Zealand dollar NZD	Norwegian krone NOK	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)								
	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United Kingdom	United States
	Russian rouble RUB	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY	Pound sterling GBP	US dollar USD
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 ...

EU member countries									
Period	Bulgaria	Croatia	Cyprus	Czechia	Denmark	Estonia	Hungary	Latvia	Lithuania
	Bulgarian lev BGN	Kuna HRK	Cyprus pound CYP 1	Czech koruna CZK	Danish krone DKK	Estonian kroon EEK 1	Hungarian forint HUF	Latvian lats LVL 1	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	—	—
EU member countries (cont'd)									
Malta	Poland	Romania	Slovakia	Sweden	Australia	Brazil	Canada	China	
Maltese lira MTL 1	Polish zloty PLN	Romanian leu RON	Slovak koruna SKK 1	Swedish krona SEK	Australian dollar AUD	Brazilian real BRL 2	Canadian dollar CAD	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 ...

Period	Other European and non-European countries (cont'd)									
	Hong Kong	Iceland	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia	Mexico	New Zealand
	Hong Kong dollar HKD	Icelandic krona ISK 1	Indian rupee INR 2	Indonesian rupiah IDR	New shekel ILS 3	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN 4	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

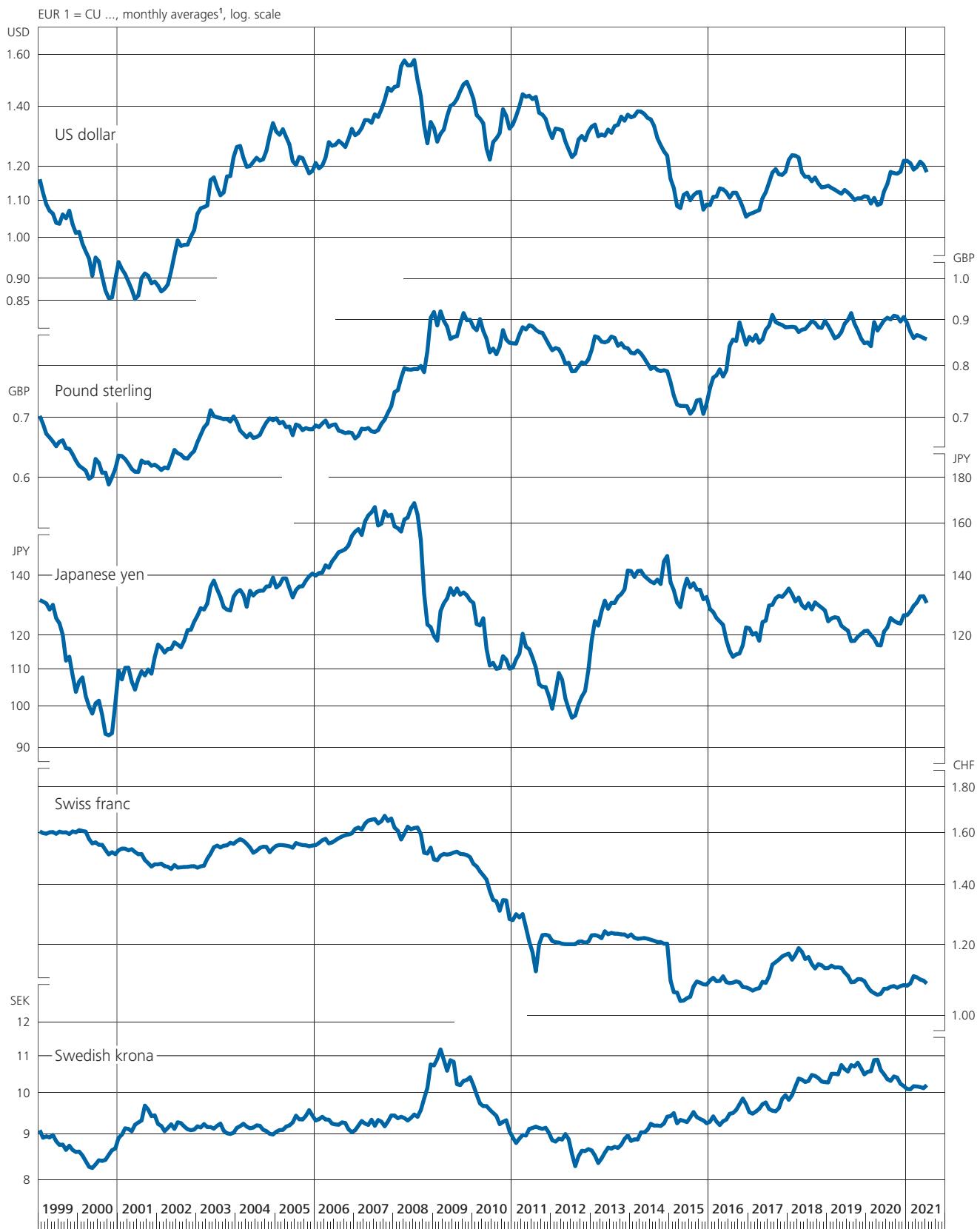
	Other European and non-European countries (cont'd)									
	Norway	Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United Kingdom	United States
	Norwegian krone NOK	Philippine peso PHP	Russian rouble RUB	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira 5 TRY	Pound sterling GBP	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

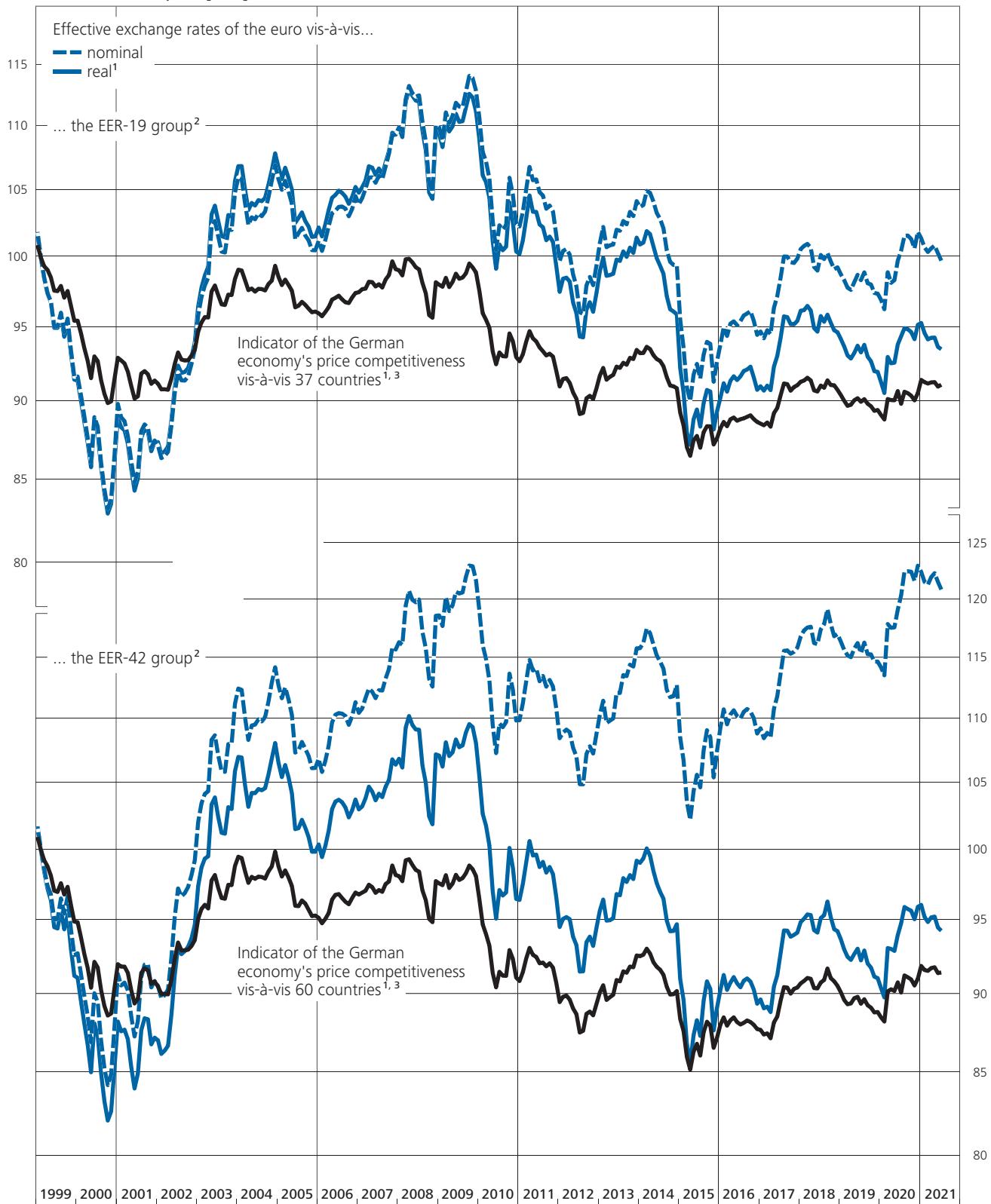


* See explanatory notes, p. 48. ¹ Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB.

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

Yearly, quarterly or monthly average	Effective exchange rates of the euro vis-à-vis the currencies of the group					
	EER-19 1				EER-42 1	
	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	110.1	90.6
2017	97.4	93.3	89.2	p	112.4	91.8
2018	99.9	95.5	90.6	p	117.3	94.9
2019	98.1	93.1	88.8	p	115.4	92.3
2020	99.6	93.5	p	89.2	p	87.5
2019 Aug.	98.8	93.7		89.2	p	87.0
Sep.	98.1	92.9				116.2
Oct.	98.0	92.6				92.9
Nov.	97.4	92.0	88.5	p	85.8	92.0
Dec.	97.3	91.9				115.3
2020 Jan.	96.9	91.2				115.2
Feb.	96.2	90.5	88.0	p	86.7	91.7
Mar.	98.8	92.9				91.1
Apr.	98.1	92.5				91.0
May	98.3	92.5				93.0
June	99.7	93.8				93.0
July	100.4	94.3				93.0
Aug.	101.5	94.9	90.0	p	87.9	92.8
Sep.	101.5	94.8				95.9
Oct.	101.3	94.6				95.7
Nov.	100.6	94.1	p	90.2	p	87.8
Dec.	101.8	95.1				95.6
2021 Jan.	101.3	95.3				95.0
Feb.	100.6	94.6	p	89.8	p	87.5
Mar.	100.3	94.1				94.8
Apr.	100.6	94.2				95.1
May	100.8	p	94.2			95.2
June	100.2	p	93.6			94.4
July	99.7	p	93.4			94.2
2021 July	13	99.7	-	-	-	-
	14	99.5	-	-	-	120.9
	15	99.5	-	-	-	120.6
	16	99.6	-	-	-	120.6
	19	99.7	-	-	-	120.6
	20	99.8	-	-	-	120.8
	21	99.8	-	-	-	120.9
	22	99.5	-	-	-	120.5
	23	99.5	-	-	-	120.6
	26	99.6	-	-	-	120.8
	27	99.7	-	-	-	120.9
	28	99.7	-	-	-	120.8
	29	99.7	-	-	-	120.9
	30	99.8	-	-	-	120.9
Aug.	2	99.8	-	-	-	-
	3	99.7	-	-	-	120.9
	4	99.5	-	-	-	120.8
	5	99.5	-	-	-	120.6
	6	99.3	-	-	-	120.6
	9	99.2	-	-	-	120.4
	10	99.0	-	-	-	-
	11	99.1	-	-	-	120.1
	12	99.2	-	-	-	-

* 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	Total	26 selected industrial countries 1		37 countries 2	60 countries 2						
	of which:	Euro area countries			of which:	Euro area countries								
1999	97.9	99.6	95.9	97.7	98.2	100.1	96.0	98.1	97.8					
2000	91.9	97.4	85.5	91.1	93.0	99.0	86.0	92.2	91.2					
2001	91.7	96.5	86.1	90.5	92.9	98.1	86.8	91.6	91.0					
2002	92.4	95.6	88.5	91.1	93.4	96.8	89.4	92.1	91.9					
2003	95.9	94.7	97.7	95.3	97.0	95.7	98.9	96.6	96.8					
2004	96.2	93.5	100.1	95.6	98.4	95.3	102.7	98.1	98.4					
2005	94.8	91.9	98.9	93.3	98.4	95.1	103.0	97.0	96.7					
2006	93.5	90.3	98.3	91.6	98.5	94.8	103.9	96.6	96.0					
2007	94.5	89.6	102.1	92.0	100.8	95.1	109.5	98.2	97.3					
2008	94.9	88.3	105.2	91.3	102.3	94.5	114.5	98.3	97.6					
2009	95.2	89.1	104.7	92.0	101.8	94.4	113.4	98.5	97.9					
2010	92.5	88.7	98.3	88.2	98.7	94.0	105.6	94.2	92.5					
2011	92.1	88.5	97.6	87.4	98.1	93.6	104.6	93.4	91.9					
2012	90.1	88.3	92.5	84.7	95.8	93.2	99.4	90.5	88.9					
2013	92.3	88.8	97.5	86.7	98.1	93.3	105.0	92.2	90.9					
2014	92.9	89.6	97.7	87.4	98.1	93.5	104.6	92.4	91.5					
2015	89.8	90.3	88.9	83.6	94.3	94.0	94.3	87.7	86.9					
2016	90.7	90.7	90.4	84.9	94.9	94.0	95.9	88.7	88.1					
2017	91.8	90.8	93.2	85.6	96.3	94.2	99.0	89.8	88.9					
2018	92.8	90.7	95.9	86.4	97.6	94.3	102.3	91.1	90.8					
2019	91.8	90.9	93.1	85.5	96.3	94.3	99.1	89.9	89.4					
2020	91.9	91.1	92.9	86.0	96.4	94.2	99.4	90.0	90.2					
2018 Feb.	93.3	90.5	97.3	86.7	98.2	94.3	103.8	91.3	90.8					
Mar.					98.3	94.4	104.0	91.5	91.0					
Apr.					98.3	94.3	104.1	91.3	91.0					
May	92.9	90.7	96.1	86.2	97.6	94.3	102.4	90.7	90.4					
June					97.4	94.3	101.7	90.6	90.3					
July					97.3	94.1	101.9	91.0	90.7					
Aug.	92.7	90.6	95.6	86.4	97.1	94.2	101.4	90.9	90.9					
Sep.					97.6	94.4	102.0	91.3	91.7					
Oct.					97.2	94.4	101.2	91.0	91.0					
Nov.	92.4	90.8	94.6	86.2	97.2	94.6	100.9	91.0	90.8					
Dec.					97.1	94.4	100.9	90.7	90.5					
2019 Jan.					96.8	94.3	100.3	90.4	90.1					
Feb.	91.9	90.6	93.7	85.5	96.5	94.1	99.9	90.0	89.6					
Mar.					96.3	94.0	99.3	89.7	89.3					
Apr.					96.4	94.3	99.3	89.7	89.3					
May	92.0	90.9	93.6	85.5	96.6	94.4	99.5	90.0	89.7					
June					96.7	94.3	99.9	90.2	89.8					
July					96.5	94.3	99.5	89.9	89.3					
Aug.	92.0	91.1	93.2	85.8	96.3	94.2	99.3	90.1	89.6					
Sep.					96.0	94.3	98.3	89.8	89.2					
Oct.					96.0	94.3	98.3	89.6	89.1					
Nov.	91.5	91.0	92.1	85.4	95.9	94.3	97.9	89.3	88.8					
Dec.					95.9	94.4	97.8	89.4	88.8					
2020 Jan.					95.9	94.5	97.6	89.1	88.4					
Feb.	91.5	91.4	91.5	85.4	95.6	94.6	96.6	88.8	88.2					
Mar.					96.5	94.7	98.9	90.1	90.1					
Apr.					96.2	94.7	98.0	90.0	90.3					
May	91.3	91.2	91.3	85.7	96.2	94.7	98.1	90.0	90.2					
June					96.8	94.6	99.8	90.6	90.7					
July					96.2	94.7	98.0	90.0	90.3					
Aug.	92.3	91.1	94.0	86.6	95.8	93.3	99.4	89.8	90.1					
Sep.					96.8	94.0	100.8	90.6	91.2					
Oct.					96.7	93.8	100.7	90.5	91.1					
Nov.	92.4	90.8	94.6	86.4	96.5	93.7	100.5	90.3	90.9					
Dec.					96.4	93.6	100.4	90.0	90.5					
2021 Jan.					97.0	93.6	101.8	90.5	91.0					
Feb.	93.2	91.7	95.3	86.9	98.0	94.7	102.7	91.4	91.8					
Mar.					98.0	94.9	102.2	91.2	91.6					
Apr.					97.8	95.0	101.7	91.1	P 91.5					
May	P	97.9	95.0	102.0	91.2	P 91.7				
June					98.0	95.0	102.3	91.2	P 91.7					
July					P	97.8	95.3	101.6	P 90.9	P 91.3				
					P	97.8	95.3	101.3	P 91.1	P 91.4				

* The weights are based on trade in manufactured goods and services. For information on methodology and grouping of countries, see Explanatory notes, pp. 48-50. A decline in the figures implies an increase in competitiveness. Where current price and wage indices were not available, estimates were used. 1 Includes 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 AFN	B S AFN	USD 1 = USD 1 = EUR 1 = EUR 1 =	AFN 76.6094 AFN 76.7094 AFN 86.7677 AFN 87.0277	AFN 78.3778 AFN 78.4778 AFN 94.9939 AFN 95.2539	AFN 79.4541 AFN 79.5541 AFN 94.4357 AFN 94.6957	AFN 79.7782 AFN 79.8782 AFN 94.1488 AFN 94.4088
Albania							
Tirana 070	Albanian lek = 100 qindarka ALL	M ALL	USD 1 = EUR 1 =	ALL 108.65 ALL 123.93	ALL 100.96 ALL 123.05	ALL 103.10 ALL 122.67	ALL 102.32 ALL 121.80
Algeria							
Algiers 208	Algerian dinar = 100 centimes DZD	B S DZD	USD 1 = USD 1 = EUR 1 = EUR 1 =	DZD 126.7989 DZD 126.8139 DZD 144.7994 DZD 144.8522	DZD 133.5495 DZD 133.5645 DZD 162.7301 DZD 162.7617	DZD 134.6561 DZD 134.6711 DZD 159.7829 DZD 159.8546	DZD 134.5647 DZD 134.5797 DZD 159.9301 DZD 159.9883
Angola ¹							
Luanda 330	Kwanza = 100 céntimos AOA	M AOA	USD 1 = EUR 1 =	AOA 583.191 AOA 669.781	AOA 642.000 AOA 782.502	AOA 646.000 AOA 767.900	AOA 638.622 AOA 759.865
Antigua and Barbuda							
St John's 459	East Caribbean dollar = 100 cents XCD	2 B 2 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
Argentina ¹							
Buenos Aires 528	Argentine peso = 100 centavos ARS	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	ARS 70.3985 ARS 70.5985 ARS 80.5658 ARS 80.9705	ARS 94.5300 ARS 94.7300 ARS 115.4968 ARS 115.9779	ARS 95.5200 ARS 95.7200 ARS 113.0957 ARS 113.5718	ARS 96.4900 ARS 96.6900 ARS 114.3599 ARS 114.8387
Armenia							
Yerevan 077	Armenian dram = 100 luma AMD	M M	USD 1 = EUR 1 =	AMD 490.13 AMD 560.98	AMD 520.61 AMD 634.52	AMD 495.86 AMD 589.68	AMD 486.24 AMD 578.33
Aruba							
Oranjestad 474	Aruban florin = 100 cents AWG	2 B 2 S B S	USD 1 = USD 1 = EUR 100 = EUR 100 =	AWG 1.78 AWG 1.80 AWG 204.28 AWG 206.33	AWG 1.78 AWG 1.80 AWG 217.10 AWG 219.28	AWG 1.78 AWG 1.80 AWG 211.69 AWG 213.81	AWG 1.78 AWG 1.80 AWG 211.92 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 M	AUD 1 = AUD 1 =	USD 0.6906 EUR 0.6047	USD 0.7725 EUR 0.6335	USD 0.7518 EUR 0.6320	USD 0.7381 EUR 0.6213
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
Azerbaijan							
Baku 078	Azerbaijan manat = 100 qapik AZN	M M	USD 1 = EUR 1 =	AZN 1.7000 AZN 1.9454	AZN 1.7000 AZN 2.0738	AZN 1.7000 AZN 2.0236	AZN 1.7000 AZN 2.0193
Bahamas							
Nassau 453	Bahamian dollar = 100 cents BSD	2 B 2 S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	BSD 0.9950 BSD 1.0125 BSD 1.13649 BSD 1.15648	BSD 0.9950 BSD 1.0125 BSD 1.21400 BSD 1.23535	BSD 0.9950 BSD 1.0125 BSD 1.18246 BSD 1.20326	BSD 0.9950 BSD 1.0125 BSD 1.18315 BSD 1.20396
Bahrain							
Manama 640	Bahraini dinar = 1,000 fils BHD	2 M M	USD 1 = EUR 1 =	BHD 0.37605 BHD 0.4317865	BHD 0.376081 BHD 0.4584430	BHD 0.376081 BHD 0.4474800	BHD 0.376081 BHD 0.4454870
Bangladesh ¹							
Dhaka 666	Taka = 100 poisha BDT	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	BDT 84.8655 BDT 84.8700 BDT 97.0783 BDT 97.1169	BDT 84.8000 BDT 84.9000 BDT 103.3627 BDT 103.3966	BDT 84.8000 BDT 84.9000 BDT 100.8696 BDT 101.0225	BDT 84.8040 BDT 84.8090 BDT 100.4249 BDT 100.4647
Barbados							
Bridgetown 469	Barbados dollar = 100 cents BBG	2 B 2 S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	BBG 1.99375 BBG 2.02768 BBG 2.28308 BBG 2.32588	BBG 1.99375 BBG 2.02768 BBG 2.42862 BBG 2.47415	BBG 1.99375 BBG 2.02768 BBG 2.36997 BBG 2.41441	BBG 1.99375 BBG 2.02768 BBG 2.36768 BBG 2.41207
Belarus							
Minsk 073	Belarusian rouble = 100 kopecks BYN	M M	USD 1 = EUR 1 =	BYN 2.4518 BYN 2.8080	BYN 2.5329 BYN 3.0870	BYN 2.5312 BYN 3.0149	BYN 2.4997 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	USD 1 = USD 1 = B Z D S	BZD 1.9825 BZD 2.0175 B Z D S	BZD 1.9825 BZD 2.0175 B Z D S	BZD 1.9825 BZD 2.0175 B Z D S	BZD 1.9825 BZD 2.0175 B Z D S
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 feningsa 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 BWP	B S B S	BWP 1 = BWP 1 = BWP 1 = BWP 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 BRL	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	BRL 5.1568 BRL 5.1578 BRL 6.0228 BRL 6.0252	BRL 5.2316 BRL 5.2322 BRL 6.3972 BRL 6.4000	BRL 5.0016 BRL 5.0022 BRL 5.9249 BRL 5.9276	BRL 5.1210 BRL 5.1216 BRL 6.0756 BRL 6.0768
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents BND	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	BND 1.3686 BND 1.3875 BND 1.5522 BND 1.6078	BND 1.3135 BND 1.3320 BND 1.5850 BND 1.6411	BND 1.3350 BND 1.3520 BND 1.5756 BND 1.6293	BND 1.3449 BND 1.3619 BND 1.5832 BND 1.6369
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M 2	USD 1 = EUR 1 =	BGN 1.71539 BGN 1.95583	BGN 1.60301 BGN 1.95583	BGN 1.64577 BGN 1.95583	BGN 1.64480 BGN 1.95583
Burkina Faso ¹							
Ouagadougou 236	CFA franc XOF	B S M 2	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
Burundi							
Gitega 328	Burundi franc = 100 centimes BIF	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	BIF 1,899.6838 BIF 1,935.4929 BIF 2,178.6551 BIF 2,219.8302	BIF 1,950.8445 BIF 1,990.2555 BIF 2,378.9573 BIF 2,427.0171	BIF 1,956.2796 BIF 1,995.8004 BIF 2,328.2662 BIF 2,375.3018	BIF 1,961.0514 BIF 2,000.6686 BIF 2,329.8271 BIF 2,376.8943
Cabo Verde							
Praia 247	Cabo Verde escudo = 100 centavos CVE	B S 2	USD 1 = USD 1 = EUR 1 =	CVE 96.30074 CVE 96.50274 CVE 110.265	CVE 90.71188 CVE 90.91388 CVE 110.265	CVE 92.65200 CVE 92.85400 CVE 110.265	CVE 92.76900 CVE 92.97100 CVE 110.265
Cambodia							
Phnom Penh 696	Riel = 100 sen KHR	M B S	USD 1 = EUR 1 = EUR 1 =	KHR 4,080 KHR 4,684 KHR 4,731	KHR 4,072 KHR 4,962 KHR 5,012	KHR 4,075 KHR 4,850 KHR 4,899	KHR 4,072 KHR 4,842 KHR 4,890
Cameroon ¹							
Yaoundé 302	CFA franc XAF	B S M 2	USD 1 = USD 1 = USD 1 = EUR 1 =	XAF . XAF . XAF 574.293 XAF 655.957	XAF 535.3591 XAF 541.4676 XAF 538.4134 XAF 655.957	XAF 548.5097 XAF 551.3170 XAF 549.9134 XAF 655.957	XAF 549.1848 XAF 553.0835 XAF 551.1342 XAF 655.957
Canada							
Ottawa 404	Canadian dollar = 100 cents CAD	M M	USD 1 = EUR 1 =	CAD 1.3415 CAD 1.5374	CAD 1.2072 CAD 1.4749	CAD 1.2394 CAD 1.4699	CAD 1.2462 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 KYD	2 V	KYD 1 = EUR 1 =	USD 1.20 KYD 0.9518	USD 1.20 KYD 1.0168	USD 1.20 KYD 0.9903	USD 1.20 KYD 0.9909
Central African Republic ¹							
Bangui 306	CFA franc XAF	B S M 4	USD 1 = USD 1 = USD 1 = EUR 1 =	XAF . XAF . XAF 574.293 XAF 655.957	XAF 535.3591 XAF 541.4676 XAF 538.4134 XAF 655.957	XAF 548.5097 XAF 551.3170 XAF 549.9134 XAF 655.957	XAF 549.1848 XAF 553.0835 XAF 551.1342 XAF 655.957
Chad ¹							
N'Djaména 244	CFA franc XAF	B S M 4	USD 1 = USD 1 = USD 1 = EUR 1 =	XAF . XAF . XAF 574.293 XAF 655.957	XAF 535.3591 XAF 541.4676 XAF 538.4134 XAF 655.957	XAF 548.5097 XAF 551.3170 XAF 549.9134 XAF 655.957	XAF 549.1848 XAF 553.0835 XAF 551.1342 XAF 655.957
Chile							
Santiago 512	Chilean peso = 100 centavos CLP	M M	USD 1 = EUR 1 =	CLP 792.22 CLP 902.68	CLP 724.92 CLP 884.16	CLP 735.28 CLP 875.23	CLP 758.53 CLP 901.83
China							
Beijing 720	Chinese renminbi ⁵ 1 yuan (renminbi) = 10 jiao = 100 fen CNY	M M M	USD 1 = EUR 1 = HKD 1 =	CNY 6.8991 CNY 7.9065 CNY 0.88889	CNY 6.3682 CNY 7.7616 CNY 0.82043	CNY 6.4601 CNY 7.6862 CNY 0.83208	CNY 6.4602 CNY 7.6791 CNY 0.83120
China (Taiwan)							
Taipei 736	New Taiwan dollar = 100 cents TWD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	TWD 29.483 TWD 29.583 TWD 33.54 TWD 33.94	TWD 27.590 TWD 27.690 TWD 33.50 TWD 33.90	TWD 27.810 TWD 27.910 TWD 32.95 TWD 33.35	TWD 27.910 TWD 28.010 TWD 33.06 TWD 33.46
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	M V, M	USD 1 = EUR 1 =	COP 3,692.895 COP 4,216.588	COP 3,715.28 COP 4,533.013	COP 3,756.67 COP 4,464.427	COP 3,836.95 COP 4,562.517
Comoros							
Moroni 375	Comorian franc = 100 centimes KMF	V 4	USD 1 = EUR 1 =	KMF 430.71944 KMF 491.96775	KMF 403.21920 KMF 491.96775	KMF 413.97488 KMF 491.96775	KMF 413.73118 KMF 491.96775
Congo ¹							
Brazzaville 318	CFA franc XAF	B S M 4	USD 1 = USD 1 = USD 1 = EUR 1 =	XAF . XAF . XAF 574.293 XAF 655.957	XAF 535.3591 XAF 541.4676 XAF 538.4134 XAF 655.957	XAF 548.5097 XAF 551.3170 XAF 549.9134 XAF 655.957	XAF 549.1848 XAF 553.0835 XAF 551.1342 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 S	USD 1 = USD 1 =	CDF 1,823.8944 CDF 1,898.3391	.	.	.
	CDF	B S	EUR 1 = EUR 1 =	CDF 2,088.8087 CDF 2,174.0661	.	.	.
Cook Islands ¹							
Avarua 837	Cook Islands dollar ² = 100 cents	B S	NZD 1 = NZD 1 =	EUR 0.5813 EUR 0.5584	EUR 0.6060 EUR 0.5832	EUR 0.5993 EUR 0.5768	EUR 0.6010 EUR 0.5784
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B S	USD 1 = USD 1 =	CRC 584.40 CRC 591.41	CRC 613.22 CRC 620.24	CRC 615.25 CRC 621.92	CRC 616.89 CRC 622.98
	CRC	V, B V, S	EUR 1 = EUR 1 =	CRC 670.9498 CRC 679.0006	CRC 748.1897 CRC 756.7548	CRC 731.1631 CRC 739.0897	CRC 733.5439 CRC 740.7855
Côte d'Ivoire ¹							
Yamoussoukro Seat of government: Abidjan 272	CFA franc	B S M	USD 1 = USD 1 = USD 1 =	XOF . XOF . XOF 574.293	XOF 534.25 XOF 541.25 XOF 537.75	XOF 548.00 XOF 555.00 XOF 551.50	XOF 548.00 XOF 555.00 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 S	USD 1 = USD 1 =	HRK 6.581149 HRK 6.620755	HRK 6.145220 HRK 6.182202	HRK 6.271535 HRK 6.309277	HRK 6.287368 HRK 6.325206
	HRK	B S	EUR 1 = EUR 1 =	HRK 7.511943 HRK 7.557151	HRK 7.487335 HRK 7.532395	HRK 7.468770 HRK 7.513718	HRK 7.478824 HRK 7.523832
Cuba ¹							
Havana 448	Convertible peso/ Cuban peso = 100 centavos	4 B 4 S	USD 1 = USD 1 =	CUC 0.99001 CUC 1.01000	1 CUP 23.76 1 CUP 24.24	CUP 23.76 CUP 24.24	CUP 23.76 CUP 24.24
	CUC/CUP	B S	EUR 1 = EUR 1 =	CUC 1.13376 CUC 1.15668	1 CUP 28.97532 1 CUP 29.56068	CUP 28.31717 CUP 28.88923	CUP 28.22926 CUP 28.79954
Curaçao							
Willemstad 477	Netherlands Antillean guilder = 100 cents	4 B 4 S	USD 1 = USD 1 =	ANG 1.78 ANG 1.82	ANG 1.78 ANG 1.82	ANG 1.78 ANG 1.82	ANG 1.78 ANG 1.82
	ANG	B S	EUR 100 = EUR 100 =	ANG 204.29 ANG 208.40	ANG 217.11 ANG 221.48	ANG 211.70 ANG 215.96	ANG 211.93 ANG 216.20
Cyprus							
Nicosia 600	Euro = 100 cent	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
	EUR						
Czechia							
Prague 061	Czech koruna = 100 heller	M	USD 1 = EUR 1 =	CZK 23.196 CZK 26.496	CZK 20.858 CZK 25.450	CZK 21.439 CZK 25.485	CZK 21.445 CZK 25.500

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 M	USD 100 = EUR 100 =	DKK 653.14 DKK 745.33	DKK 609.50 DKK 743.65	DKK 625.73 DKK 743.62	DKK 625.51 DKK 743.79
Djibouti							
Djibouti 338	Djibouti franc = 100 centimes DJF	2 B 2 S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	DJF 176.832 DJF 179.498 DJF 201.29 DJF 209.31	DJF 176.832 DJF 179.498 DJF 214.06 DJF 222.41	DJF 176.832 DJF 179.498 DJF 208.81 DJF 216.96	DJF 176.832 DJF 179.498 DJF 208.06 DJF 216.18
Dominica							
Roseau 460	East Caribbean dollar = 100 cents XCD	2 B 2 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
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	DOP 56.2954 DOP 57.0521 DOP 63.7358 DOP 67.2930	DOP 56.3078 DOP 57.4612 DOP 67.6197 DOP 71.3453	DOP 56.3722 DOP 57.5237 DOP 66.4714 DOP 70.2103	DOP 56.4124 DOP 57.5026 DOP 66.0855 DOP 69.6831
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	EGP 15.75 EGP 15.85 EGP 17.9583 EGP 18.1786	EGP 15.61 EGP 15.71 EGP 19.0192 EGP 19.1725	EGP 15.61 EGP 15.71 EGP 18.4994 EGP 18.7090	EGP 15.63 EGP 15.73 EGP 18.5247 EGP 18.7329
El Salvador ¹							
San Salvador 428	El Salvador colón = 100 centavos SVC	2 V, B / S	USD 1 = EUR 1 =	SVC 8.75 SVC 9.9943	SVC 8.75 SVC 10.6759	SVC 8.75 SVC 10.3985	SVC 8.75 SVC 10.4046
Equatorial Guinea ¹							
Malabo 310	CFA franc XAF	B S M 4	USD 1 = USD 1 = USD 1 = EUR 1 =	XAF . XAF . XAF 574.293 XAF 655.957	XAF 535.3591 XAF 541.4676 XAF 538.4134 XAF 655.957	XAF 548.5097 XAF 551.3170 XAF 549.9134 XAF 655.957	XAF 549.1848 XAF 553.0835 XAF 551.1342 XAF 655.957
Eritrea							
Asmara 336	Nakfa = 100 cents ERN	2 B 2 S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	ERN 15.00 ERN 15.15 ERN 17.1495 ERN 17.7857	ERN 15.00 ERN 15.15 ERN 18.3075 ERN 18.9437	ERN 15.00 ERN 15.15 ERN 17.9085 ERN 18.5447	ERN 15.00 ERN 15.15 ERN 17.8125 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 SZL	B S SZL	USD 1 = USD 1 = EUR 1 = EUR 1 =	SZL 16.5100 SZL 16.5301 SZL 18.91585 SZL 18.93757	SZL 13.7597 SZL 13.7661 SZL 16.7710 SZL 16.7809	SZL 14.2597 SZL 14.2647 SZL 16.9092 SZL 16.9203	SZL 14.6019 SZL 14.6086 SZL 17.3591 SZL 17.3677
Ethiopia							
Addis Ababa 334	Birr = 100 cents ETB	B S ETB	USD 1 = USD 1 = EUR 1 = EUR 1 =	ETB 35.2269 ETB 35.9314 ETB 40.4109 ETB 41.2192	ETB 43.0853 ETB 43.9470 ETB 52.5684 ETB 53.6198	ETB 43.6910 ETB 44.5648 ETB 52.0010 ETB 53.0410	ETB 44.3046 ETB 45.1907 ETB 52.6029 ETB 53.6550
Falkland Islands (Islas Malvinas)							
Stanley 529	Falkland Islands pound ² = 100 pence FKP	V FKP	USD 1 = EUR 1 =	FKP 0.77894 FKP 0.88970	FKP 0.70497 FKP 0.86013	FKP 0.72202 FKP 0.85805	FKP 0.71600 FKP 0.85140
Fiji							
Suva 815	Fiji dollar = 100 cents FJD	B S FJD	FJD 1 = FJD 1 = FJD 1 = FJD 1 =	USD 0.4716 USD 0.4546 EUR 0.4093 EUR 0.3973	USD 0.4988 USD 0.4818 EUR 0.4075 EUR 0.3955	USD 0.4901 USD 0.4731 EUR 0.4102 EUR 0.3982	USD 0.4883 USD 0.4713 EUR 0.4092 EUR 0.3972
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
Gabon ¹							
Libreville 314	CFA franc XAF	B S M 4	USD 1 = USD 1 = USD 1 = EUR 1 =	XAF . XAF . XAF 574.293 XAF 655.957	XAF 535.3591 XAF 541.4676 XAF 538.4134 XAF 655.957	XAF 548.5097 XAF 551.3170 XAF 549.9134 XAF 655.957	XAF 549.1848 XAF 553.0835 XAF 551.1342 XAF 655.957
Gambia							
Banjul 252	Dalasi = 100 bututs GMD	M M	USD 1 = EUR 1 =	GMD 51.48 GMD 58.26	GMD 51.07 GMD 61.61	GMD 51.03 GMD 61.04	GMD 51.13 GMD 60.75
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 = EUR 1 =	GEL 3.1192 GEL 3.5713	GEL 3.2779 GEL 3.9922	GEL 3.1603 GEL 3.7608	GEL 3.1244 GEL 3.7174

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	USD 1 = USD 1 =	GHS 5.6091 GHS 5.6147	GHS 5.7444 GHS 5.7502	GHS 5.7597 GHS 5.7655	GHS 5.7982 GHS 5.8040
		B S	EUR 1 = EUR 1 =	GHS 6.4398 GHS 6.4455	GHS 7.0230 GHS 7.0305	GHS 6.8299 GHS 6.8366	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	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 V, M	USD 1 = EUR 1 =	HTG 92.9298 HTG 106.2364	HTG 89.5923 HTG 109.3116	HTG 91.0692 HTG 108.2266	HTG 93.6645 HTG 111.3765
Honduras							
Tegucigalpa 424	Lempira = 100 centavos HNL	B S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	HNL 24.5604 HNL 24.7323 HNL 28.1617 HNL 28.3588	HNL 24.0372 HNL 24.2055 HNL 29.3278 HNL 29.5331	HNL 23.8651 HNL 24.0322 HNL 28.3613 HNL 28.5599	HNL 23.7213 HNL 23.8873 HNL 28.2070 HNL 28.4044
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	HKD 7.72474 HKD 7.78713 HKD 8.80685 HKD 8.98652	HKD 7.72970 HKD 7.79150 HKD 9.38670 HKD 9.53050	HKD 7.73500 HKD 7.79670 HKD 9.16540 HKD 9.30890	HKD 7.74210 HKD 7.80390 HKD 9.17420 HKD 9.31750
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M M	USD 1 = EUR 1 =	HUF 307.93 HUF 354.16	HUF 285.44 HUF 348.24	HUF 296.04 HUF 351.90	HUF 300.34 HUF 357.62
Iceland							
Reykjavík 024	Icelandic krona ISK	M M	USD 1 = EUR 1 =	ISK 135.317 ISK 155.160	ISK 120.98 ISK 147.60	ISK 123.22 ISK 146.50	ISK 123.31 ISK 146.60
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	M M	USD 1 = EUR 1 =	INR 74.0770 INR 84.9420	INR 72.5211 INR 88.4216	INR 74.3456 INR 88.5035	INR 74.3871 INR 88.3882
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	IDR 14,512.53 IDR 14,658.39 IDR 16,693.66 IDR 16,866.48	IDR 14,238.45 IDR 14,381.55 IDR 17,363.79 IDR 17,542.61	IDR 14,423.52 IDR 14,568.48 IDR 17,165.43 IDR 17,343.78	IDR 14,418.55 IDR 14,563.46 IDR 17,120.59 IDR 17,298.48
Iran, Islamic Republic of ¹							
Tehran 616	Iranian rial = 100 dinars IRR	2 M 2 M 3 M 3 M	USD 1 = EUR 1 = USD 1 = EUR 1 =	IRR 42,000 IRR 48,188 IRR 212,325 IRR 245,538	IRR 42,000 IRR 51,199 IRR 243,200 IRR 297,400	IRR 42,000 IRR 50,004 IRR 253,000 IRR 299,800	IRR 42,000 IRR 49,833 IRR 257,700 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 = USD 1 =	IQD 1,204.33 IQD 1,212.50	IQD 1,450.00 IQD 1,460.00	IQD 1,450.00 IQD 1,460.00	IQD 1,450.00 IQD 1,460.00
		B S	EUR 1 = EUR 1 =	IQD 1,381.469 IQD 1,390.839	IQD 1,767.405 IQD 1,779.594	IQD 1,723.180 IQD 1,735.064	IQD . 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	IQD .
Ireland							
Dublin 007	Euro = 100 cent	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
	EUR						
Israel							
Jerusalem 624	New shekel = 100 agorot	M	USD 1 =	ILS 3.4367	ILS 3.2530	ILS 3.2600	ILS 3.2330
	ILS	M	EUR 1 =	ILS 3.9205	ILS 3.9688	ILS 3.8748	ILS 3.8490
Italy							
Rome 005	Euro = 100 cent	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
	EUR						
Jamaica							
Kingston 464	Jamaican dollar = 100 cents	B S	USD 1 = USD 1 =	JMD 141.7940 JMD 143.3604	JMD 148.6098 JMD 149.5486	JMD 149.4371 JMD 150.1260	JMD 155.0298 JMD 155.5556
	JMD	B S	EUR 1 = EUR 1 =	JMD 158.3465 JMD 166.2504	JMD 174.3638 JMD 184.0335	JMD 177.3719 JMD 180.5815	JMD 180.4964 JMD 187.9042
Japan							
Tokyo 732	Japanese yen = 100 sen	B S	USD 1 = USD 1 =	JPY 105.78 JPY 107.78	JPY 108.76 JPY 110.76	JPY 109.58 JPY 111.58	JPY 108.49 JPY 110.49
	JPY	B S	EUR 1 = EUR 1 =	JPY 120.47 JPY 123.47	JPY 132.24 JPY 135.24	JPY 130.08 JPY 133.08	JPY 128.61 JPY 131.61
Jordan							
Amman 628	Jordanian dinar = 1,000 fils	2 B 2 S	USD 1 = USD 1 =	JOD 0.7080 JOD 0.7100	JOD 0.7080 JOD 0.7100	JOD 0.7080 JOD 0.7100	JOD 0.7080 JOD 0.7100
	JOD	B S	EUR 1 = EUR 1 =	JOD 0.80850 JOD 0.81537	JOD 0.86249 JOD 0.86648	JOD 0.84117 JOD 0.84554	JOD 0.83820 JOD 0.84348
Kazakhstan							
Nur-Sultan 079	Tenge = 100 tiyn	M	USD 1 =	KZT 414.44	KZT 427.90	KZT 427.79	KZT 424.44
	KZT	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 KES	B S	USD 1 = USD 1 =	KES 106.5230 KES 106.7228	KES 107.4912 KES 107.6912	KES 107.7500 KES 107.9500	KES 108.5088 KES 108.7088
		B S	EUR 1 = EUR 1 =	KES 122.0032 KES 122.2632	KES 130.7482 KES 131.0182	KES 128.0900 KES 128.3629	KES 128.5576 KES 128.8259
Korea, Democratic People's Republic of ¹							
Pyongyang 724	North Korean won = 100 chon KPW	B S	USD 1 = USD 1 =	KPW 108.43 KPW 109.51	:	:	:
		B S	EUR 1 = EUR 1 =	KPW 119.19 KPW 120.37	:	:	:
Korea, Republic of							
Seoul 728	South Korean won = 100 chon KRW	B S	USD 1 = USD 1 =	KRW 1,168.59 KRW 1,191.63	KRW 1,097.70 KRW 1,119.30	KRW 1,117.50 KRW 1,139.50	KRW 1,140.80 KRW 1,163.20
		B S	EUR 1 = EUR 1 =	KRW 1,340.13 KRW 1,367.19	KRW 1,337.81 KRW 1,364.83	KRW 1,328.09 KRW 1,354.91	KRW 1,353.87 KRW 1,381.21
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils KWD	B S	USD 1 = USD 1 =	KWD 0.30423 KWD 0.30917	KWD 0.29945 KWD 0.30305	KWD 0.29975 KWD 0.30335	KWD 0.29915 KWD 0.30275
		B S	EUR 1 = EUR 1 =	KWD 0.348830 KWD 0.354423	KWD 0.365164 KWD 0.369554	KWD 0.356043 KWD 0.360319	KWD 0.355944 KWD 0.360227
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tylyn KGS	M	USD 1 = EUR 1 =	KGS 77.4179 KGS 88.6740	KGS 83.6256 KGS 101.9940	KGS 84.6640 KGS 100.7629	KGS 84.7585 KGS 100.8923
Lao People's Democratic Republic							
Vientiane 684	Kip LAK	B S	USD 1 = USD 1 =	LAK 9,070 LAK 9,086	LAK 9,425 LAK 9,444	LAK 9,470 LAK 9,489	LAK 9,539 LAK 9,558
		B S	EUR 1 = EUR 1 =	LAK 10,408 LAK 10,457	LAK 11,499 LAK 11,554	LAK 11,273 LAK 11,327	LAK 11,339 LAK 11,393
Latvia							
Riga 054	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
Lebanon ¹							
Beirut 604	Lebanese pound = 100 piastres LBP	M	USD 1 = EUR 1 =	LBP 1,507.50 LBP 1,724.92	LBP 1,507.50 LBP 1,837.79	LBP 1,507.50 LBP 1,793.62	LBP 1,507.50 LBP 1,794.68
Lesotho ¹							
Maseru 395	Loti = 100 lisente LSL	M	USD 1 = EUR 1 =	LSL 16.4908 LSL 18.8760	LSL 13.7592 LSL 16.7862	LSL 14.2771 LSL 16.9655	LSL 14.8301 LSL 17.4972

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 S LRD	USD 1 = USD 1 = V, B V, S	LRD 189.9291 LRD 191.2969 EUR 1 = EUR 1 =	LRD 170.7301 LRD 172.1137 LRD 208.3078 LRD 209.9959	LRD 170.7169 LRD 172.1197 LRD 202.8800 LRD 204.5471	LRD 170.9314 LRD 172.3269 LRD 203.2545 LRD 204.9139
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham	B S LYD	USD 1 = USD 1 = EUR 1 = EUR 1 =	LYD 1.3815 LYD 1.3884 LYD 1.5820 LYD 1.5900	LYD 4.4418 LYD 4.4640 LYD 5.4163 LYD 5.4435	LYD 4.4952 LYD 4.5177 LYD 5.3493 LYD 5.3761	LYD 4.4972 LYD 4.5198 LYD 5.3324 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 MOP	B S MOP	USD 1 = USD 1 = EUR 1 = EUR 1 =	MOP 7.9833 MOP 8.0064 MOP 9.1556 MOP 9.1946	MOP 7.9865 MOP 8.0127 MOP 9.7342 MOP 9.7757	MOP 7.9912 MOP 8.0174 MOP 9.5084 MOP 9.5499	MOP 8.0010 MOP 8.0272 MOP 9.5001 MOP 9.5416
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M	USD 1 = EUR 1 =	MGA 3,793.86 MGA 4,330.03	MGA 3,757.86 MGA 4,572.06	MGA 3,916.39 MGA 4,641.70	MGA 3,810.11 MGA 4,508.58
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala MWK	B S MWK	USD 1 = USD 1 = EUR 1 = EUR 1 =	MWK 738.3908 MWK 753.1198 MWK 847.7749 MWK 864.6874	MWK 788.2566 MWK 803.8594 MWK 960.5695 MWK 979.5830	MWK 797.6962 MWK 813.4858 MWK 949.4978 MWK 968.2921	MWK 804.5473 MWK 820.4725 MWK 955.3195 MWK 974.2290
Malaysia							
Kuala Lumpur Seat of government: Putrajaya 701	Malaysian ringgit = 100 sen MYR	B S MYR	USD 1 = USD 1 = EUR 1 = EUR 1 =	MYR 4.1319 MYR 4.2695 MYR 4.7206 MYR 4.9037	MYR 4.0765 MYR 4.2175 MYR 4.9591 MYR 5.1481	MYR 4.0854 MYR 4.2216 MYR 4.8541 MYR 5.0361	MYR 4.1690 MYR 4.3080 MYR 4.9453 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 = 100 laari MVR	M V, M	USD 1 = EUR 1 =	MVR 15.38 MVR 17.64149	MVR 15.30 MVR 18.66753	MVR 15.32 MVR 18.20629	MVR 15.42 MVR 18.33592
Mali ¹							
Bamako 232	CFA franc XOF	B S M 2	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
Malta							
Valletta 046	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
Mauritania							
Nouakchott 228	Ouguiya MRU	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	MRU 37.10 MRU 37.47 MRU 42.47 MRU 42.89	MRU 36.02 MRU 36.38 MRU 43.91 MRU 44.35	MRU 36.03 MRU 36.39 MRU 42.83 MRU 43.26	MRU 36.03 MRU 36.39 MRU 42.78 MRU 43.21
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents MUR	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	MUR 38.9384 MUR 39.8379 MUR 44.5651 MUR 45.7989	MUR 40.0618 MUR 40.9614 MUR 48.7241 MUR 50.0664	MUR 42.1320 MUR 43.0314 MUR 50.0039 MUR 51.3515	MUR 42.1247 MUR 43.0250 MUR 49.9165 MUR 51.2723
Mexico							
Mexico City 412	Mexican peso = 100 centavos MXN	B S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	MXN 21.5057 MXN 21.5195 MXN 24.7500 MXN 24.7634	MXN 19.9370 MXN 19.9450 MXN 24.3251 MXN 24.3349	MXN 19.9380 MXN 19.9470 MXN 23.6943 MXN 23.7050	MXN 19.8950 MXN 19.9030 MXN 23.6571 MXN 23.6667
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani MDL	M M	USD 1 = EUR 1 =	MDL 17.3097 MDL 19.7740	MDL 17.6140 MDL 21.4467	MDL 17.9755 MDL 21.3989	MDL 17.9234 MDL 21.2832
Mongolia							
Ulan Bator 716	Togrog = 100 mongo MNT	M M	USD 1 = EUR 1 =	MNT 2,817.89 MNT 3,234.16	MNT 2,849.25 MNT 3,473.09	MNT 2,848.87 MNT 3,390.44	MNT 2,849.12 MNT 3,389.31
Morocco							
Rabat 204	Moroccan dirham = 100 centimes MAD	M M	USD 1 = EUR 1 =	MAD 9.4830 MAD 10.8360	MAD 8.8463 MAD 10.7819	MAD 8.9171 MAD 10.5980	MAD 8.9205 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 MZN	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	MZN 69.33 MZN 70.71 MZN 79.66 MZN 81.25	MZN 60.44 MZN 61.64 MZN 73.72 MZN 75.18	MZN 62.88 MZN 64.14 MZN 74.71 MZN 76.20	MZN 63.00 MZN 64.26 MZN 74.84 MZN 76.34
Myanmar							
Nay Pyi Taw 676	Kyat = 100 pyas MMK	M M	USD 1 = EUR 1 =	MMK 1,367.99 MMK 1,566.13	MMK 1,589.40 MMK 1,938.10	MMK 1,617.90 MMK 1,923.90	MMK 1,645.00 MMK 1,957.40
Namibia ¹							
Windhoek 389	Namibia dollar = 100 cents NAD	M M	USD 1 = EUR 1 =	NAD 16.4975 NAD 18.9025	NAD 13.7800 NAD 16.7978	NAD 14.2998 NAD 17.0168	NAD 14.5662 NAD 17.3031
Nepal							
Kathmandu 672	Nepalese rupee = 100 paisa NPR	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	NPR 118.35 NPR 118.95 NPR 135.65 NPR 136.33	NPR 115.61 NPR 116.21 NPR 140.94 NPR 141.67	NPR 118.46 NPR 119.06 NPR 141.10 NPR 141.81	NPR 118.76 NPR 119.36 NPR 140.98 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 XPF	V 2	XPF 1,000 = XPF 1,000 =	USD 9.57 EUR 8.38	USD 10.22 EUR 8.38	USD 9.96 EUR 8.38	USD 9.96 EUR 8.38
New Zealand							
Wellington 804	New Zealand dollar = 100 cents NZD	B S B S	NZD 1 = NZD 1 = NZD 1 = NZD 1 =	USD 0.6646 USD 0.6398 EUR 0.5813 EUR 0.5584	USD 0.7392 USD 0.7114 EUR 0.6060 EUR 0.5832	USD 0.7131 USD 0.6863 EUR 0.5993 EUR 0.5768	USD 0.7140 USD 0.6872 EUR 0.6010 EUR 0.5784
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M V, M	USD 1 = EUR 1 =	NIO 34.3819 NIO 39.44819	NIO 35.1109 NIO 42.83881	NIO 35.1681 NIO 41.79377	NIO 35.2273 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 S M	USD 1 = XOF 1 = XOF 1 =	XOF . XOF . XOF 574.293	XOF 534.25 XOF 541.25 XOF 537.75	XOF 548.00 XOF 555.00 XOF 551.50	XOF 548.00 XOF 555.00 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 S	USD 1 = USD 1 =	NGN 356.66 NGN 357.66	NGN 409.00 NGN 410.00	NGN 409.16 NGN 410.16	NGN 409.10 NGN 410.10
	NGN	B S	EUR 1 = EUR 1 =	NGN 408.9567 NGN 410.1010	NGN 498.9800 NGN 500.2000	NGN 486.6549 NGN 487.8443	NGN 486.3790 NGN 487.5679
North Macedonia							
Skopje 096	North Macedonia denar = 100 deni	B S	USD 1 = USD 1 =	MKD 53.7828 MKD 54.3233	MKD 50.4627 MKD 50.9699	MKD 51.6374 MKD 52.1564	MKD 51.4449 MKD 51.9619
	MKD	B S	EUR 1 = EUR 1 =	MKD 61.3734 MKD 61.9903	MKD 61.2718 MKD 61.8876	MKD 61.3865 MKD 62.0035	MKD 61.1731 MKD 61.7879
Norway							
Oslo 028	Norwegian krone = 100 øre	B S	USD 1 = USD 1 =	NOK 9.3758 NOK 9.4481	NOK 8.3398 NOK 8.4158	NOK 8.5243 NOK 8.6003	NOK 8.7454 NOK 8.8214
	NOK	B S	EUR 1 = EUR 1 =	NOK 10.7787 NOK 10.8582	NOK 10.1695 NOK 10.2545	NOK 10.1526 NOK 10.2376	NOK 10.3990 NOK 10.4840
Oman							
Muscat 649	Rial Omani = 1,000 baiza	3 B 3 S	USD 1 = USD 1 =	OMR 0.3840 OMR 0.3850	OMR 0.3840 OMR 0.3850	OMR 0.3840 OMR 0.3850	OMR 0.3840 OMR 0.3850
	OMR	B S	EUR 1 = EUR 1 =	OMR 0.4399904 OMR 0.4412132	OMR 0.4684032 OMR 0.4696615	OMR 0.4569984 OMR 0.4582655	OMR 0.4552320 OMR 0.4565715
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa	B S	USD 1 = USD 1 =	PKR 161.93 PKR 162.43	PKR 154.40 PKR 154.90	PKR 157.80 PKR 158.30	PKR 161.90 PKR 162.40
	PKR	B S	EUR 1 = EUR 1 =	PKR 185.36 PKR 186.01	PKR 188.33 PKR 188.94	PKR 188.12 PKR 188.71	PKR 192.67 PKR 193.26
Panama ¹							
Panama City 442	Balboa = 100 centésimos	4 V	USD 1 = EUR 1 =	PAB 1 PAB 1.1422	PAB 1 PAB 1.2201	PAB 1 PAB 1.1884	PAB 1 PAB 1.1891
Papua New Guinea							
Port Moresby 801	Kina = 100 toea	B S	PGK 1 = PGK 1 =	USD 0.2963 USD 0.2813	USD 0.2925 USD 0.2775	USD 0.2925 USD 0.2775	USD 0.2925 USD 0.2775
	PGK	B S	PGK 1 = PGK 1 =	EUR 0.2527 EUR 0.2377	EUR 0.2342 EUR 0.2192	EUR 0.2400 EUR 0.2250	EUR 0.2402 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 PYG	B S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	PYG 6,770.58 PYG 6,788.29 PYG 7,752.25 PYG 7,772.67	PYG 6,750.73 PYG 6,767.54 PYG 8,236.57 PYG 8,257.08	PYG 6,733.98 PYG 6,761.37 PYG 8,002.66 PYG 8,035.21	PYG 6,911.09 PYG 6,921.95 PYG 8,217.98 PYG 8,230.89
Peru							
Lima 504	Sol = 100 céntimos PEN	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	PEN 3.494 PEN 3.498 PEN 3.943 PEN 4.117	PEN 3.808 PEN 3.827 PEN 4.377 PEN 5.085	PEN 3.849 PEN 3.866 PEN 4.651 PEN 4.848	PEN 4.036 PEN 4.044 PEN 4.749 PEN 5.028
Philippines							
Manila 708	Philippine peso = 100 centavos PHP	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	PHP 49.28 PHP 49.78 PHP 54.8526 PHP 58.1524	PHP 47.40 PHP 47.90 PHP 55.8154 PHP 59.8227	PHP 48.50 PHP 49.00 PHP 55.7751 PHP 59.7235	PHP 50.00 PHP 50.50 PHP 57.3954 PHP 61.4016
Poland							
Warsaw 060	Polish zloty = 100 groszy PLN	M M M M	USD 1 = EUR 1 = EUR 1 =	PLN 3.8978 PLN 4.4742 PLN 4.4805	PLN 3.6724 PLN 4.4805 PLN 4.5208	PLN 3.8035 PLN 4.5208 PLN 4.5731	PLN 3.8410 PLN 4.5731
Portugal							
Lisbon 010	Euro = 100 cent EUR	M M	EUR 1 = EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
Qatar							
Doha 644	Qatari riyal = 100 dirham QAR	2 V, M V, M	USD 1 = EUR 1 = EUR 1 =	QAR 3.6400 QAR 4.1751	QAR 3.6400 QAR 4.4412	QAR 3.6400 QAR 4.3258	QAR 3.6400 QAR 4.3283
Romania							
Bucharest 066	Romanian leu = 100 bani RON	M M M	USD 1 = EUR 1 = EUR 1 =	RON 4.2413 RON 4.8418	RON 4.0361 RON 4.9198	RON 4.1425 RON 4.9267	RON 4.1348 RON 4.9198
Russian Federation							
Moscow 075	Russian rouble = 100 kopecks RUB	M M M	USD 1 = EUR 1 = EUR 1 =	RUB 72.3558 RUB 83.9960	RUB 73.5870 RUB 89.6731	RUB 72.3723 RUB 86.2026	RUB 73.1388 RUB 86.9913

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 RWF	B S RWF	USD 1 = USD 1 = EUR 1 = EUR 1 =	RWF 934.857718 RWF 953.552984 RWF 1,070.37143 RWF 1,091.77668	RWF 974.554410 RWF 994.043530 RWF 1,188.81020 RWF 1,212.58400	RWF 977.367211 RWF 996.912581 RWF 1,163.11585 RWF 1,186.37582	RWF 980.209704 RWF 999.811918 RWF 1,164.48913 RWF 1,187.77656
Saint Helena, Ascension and Tristan da Cunha							
Jamestown 329	Saint Helena pound ² = 100 pence SHP	V SHP	USD 1 = EUR 1 =	SHP 0.77894 SHP 0.88970	SHP 0.70497 SHP 0.86013	SHP 0.72202 SHP 0.85805	SHP 0.71600 SHP 0.85140
Saint Kitts and Nevis							
Basseterre 449	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
Saint Lucia							
Castries 465	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
Saint Vincent and the Grenadines							
Kingstown 467	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
Samoa							
Apia 819	Tala = 100 sene WST	M M	WST 1 = WST 1 =	USD 0.37602 EUR 0.32805	USD 0.39673 EUR 0.32534	USD 0.39029 EUR 0.32807	USD 0.38940 EUR 0.32745
Sao Tome and Principe							
São Tomé 311	Dobra = 100 céntimos STN	B S 4	USD 1 = USD 1 = EUR 1 =	STN 21.4306 STN 21.7520 STN 24.5000	STN 20.1779 STN 20.4806 STN 24.5000	STN 20.6090 STN 20.9182 STN 24.5000	STN 20.6351 STN 20.9446 STN 24.5000
Saudi Arabia							
Riyadh 632	Saudi riyal = 100 halalah SAR	3 M M	USD 1 = EUR 1 =	SAR 3.75 SAR 4.29532	SAR 3.75 SAR 4.57538 V	SAR 3.75 SAR 4.45650 V	SAR 3.75 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 S M	USD 1 = XOF . XOF 574.293	XOF . XOF 541.25 XOF 537.75	XOF 534.25 XOF 548.00 XOF 555.00 XOF 551.50	XOF 548.00 XOF 555.00 XOF 551.50	XOF 548.00 XOF 555.00 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 S	USD 1 = USD 1 =	RSD 102.5584 RSD 103.1756	RSD 96.0646 RSD 96.6428	RSD 98.4407 RSD 99.0331	RSD 98.6651 RSD 99.2589
	RSD	B S	EUR 1 = EUR 1 =	RSD 117.2267 RSD 117.9322	RSD 117.2181 RSD 117.9235	RSD 117.2133 RSD 117.9187	RSD 117.2141 RSD 117.9195
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B S	USD 1 = USD 1 =	SCR 17.5118 SCR 18.0531	SCR 16.2176 SCR 16.8660	SCR 15.5944 SCR 16.1173	SCR 15.2904 SCR 16.0608
	SCR	B S	EUR 1 = EUR 1 =	SCR 20.3540 SCR 20.8170	SCR 20.0141 SCR 20.8466	SCR 18.1618 SCR 19.1364	SCR 17.9852 SCR 18.8853
Sierra Leone							
Freetown 264	Leone = 100 cents	B S	USD 1 = USD 1 =	SLL 9,731.85 SLL 9,928.45	SLL 10,130.41 SLL 10,335.07	SLL 10,164.78 SLL 10,370.13	SLL 10,155.60 SLL 10,360.76
	SLL	B S	EUR 1 = EUR 1 =	SLL 11,150.96 SLL 11,373.32	SLL 12,352.48 SLL 12,596.42	SLL 12,090.78 SLL 12,331.18	SLL 12,082.50 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
	SGD	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 3 S	USD 1 = USD 1 =	ANG 1.78 ANG 1.82	ANG 1.78 ANG 1.82	ANG 1.78 ANG 1.82	ANG 1.78 ANG 1.82
	ANG	B S	EUR 100 = EUR 100 =	ANG 204.29 ANG 208.40	ANG 217.11 ANG 221.48	ANG 211.70 ANG 215.96	ANG 211.93 ANG 216.20
Slovakia							
Bratislava 063	Euro = 100 cent	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
	EUR						
Slovenia							
Ljubljana 091	Euro = 100 cent	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
	EUR						
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents	M	SBD 1 =	USD 0.1218	USD 0.1251	USD 0.1245	USD 0.1240
	SBD	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 SOS	M M	USD 1 = EUR 1 =
South Africa							
Pretoria Seat of parliament: Cape Town 388	South African rand = 100 cents ZAR	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	ZAR 16.2667 ZAR 16.5842 ZAR 18.6923 ZAR 19.1284	ZAR 13.5613 ZAR 13.8788 ZAR 16.5307 ZAR 16.9706	ZAR 14.0463 ZAR 14.3638 ZAR 16.6489 ZAR 17.0898	ZAR 14.3925 ZAR 14.7100 ZAR 17.0846 ZAR 17.5257
South Sudan							
Juba 225	South Sudanese pound = 100 piastres SSP	M M	USD 1 = EUR 1 =	SSP 167.8527 SSP 195.2527	SSP 259.1707 SSP 315.7868	SSP 322.5939 SSP 384.0485	SSP 397.5621 SSP 469.4615
Spain							
Madrid 011	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1422	USD 1.2201	USD 1.1884	USD 1.1891
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents LKR	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	LKR 183.2437 LKR 187.8005 LKR 208.6868 LKR 216.2827	LKR 197.9103 LKR 202.8896 LKR 240.7901 LKR 247.8300	LKR 197.3263 LKR 202.8977 LKR 234.1223 LKR 241.7610	LKR 198.3983 LKR 202.8977 LKR 233.6903 LKR 241.3205
Sudan							
Khartoum 224	Sudanese pound = 100 piastres SDG	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	SDG 54.4417 SDG 54.7139 SDG 62.4240 SDG 62.7361	SDG 421.3468 SDG 424.5069 SDG 513.9673 SDG 517.8220	SDG 450.9532 SDG 454.3353 SDG 537.1845 SDG 541.2134	SDG 443.8242 SDG 447.1529 SDG 526.1669 SDG 530.1132
Suriname ¹							
Paramaribo 492	Suriname dollar = 100 cents SRD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	SRD 9.603 SRD 9.777 SRD 11.097 SRD 11.298	SRD 20.601 SRD 21.000 SRD 25.014 SRD 25.498	SRD 20.972 SRD 21.500 SRD 24.855 SRD 25.570	SRD 21.134 SRD 21.452 SRD 24.018 SRD 24.811
Sweden							
Stockholm 030	Swedish krona = 100 öre SEK	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	SEK 9.1519 SEK 9.2569 SEK 10.4272 SEK 10.5422	SEK 8.2535 SEK 8.3585 SEK 10.0739 SEK 10.1889	SEK 8.4578 SEK 8.5628 SEK 10.0674 SEK 10.1824	SEK 8.5057 SEK 8.6107 SEK 10.1211 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 B	USD 1 = EUR 1 =	CHF 0.9381 CHF 1.0711	CHF 0.8999 CHF 1.0977	CHF 0.9229 CHF 1.0970	CHF 0.9051 CHF 1.0774
Syrian Arab Republic ¹							
Damascus 608	Syrian pound = 100 piastres SYP	B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	SYP 1,250.00 SYP 1,262.14 SYP 1,474.86 SYP 1,489.61	SYP 2,500.00 SYP 2,525.00 SYP 3,037.00 SYP 3,067.37	SYP 2,500.00 SYP 2,525.00 SYP 2,967.00 SYP 2,996.67	SYP 2,500.00 SYP 2,525.00 SYP 2,962.00 SYP 2,991.62
Tajikistan							
Dushanbe 082	Somoni = 100 diram TJS	M M	USD 1 = EUR 1 =	TJS 10.3374 TJS 11.8378	TJS 11.3200 TJS 13.7447	TJS 11.3210 TJS 13.4550	TJS 11.3225 TJS 13.4613
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	TZS 2,283.1172 TZS 2,305.9483 TZS 2,617.0269 TZS 2,643.9660	TZS 2,287.1584 TZS 2,310.0300 TZS 2,777.5252 TZS 2,806.2244	TZS 2,287.4950 TZS 2,310.3700 TZS 2,718.9166 TZS 2,747.0299	TZS 2,287.7921 TZS 2,310.6700 TZS 2,716.5243 TZS 2,744.6138
Thailand							
Bangkok 680	Thai baht = 100 satang THB	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	THB 31.0973 THB 31.4341 THB 35.5464 THB 36.2858	THB 31.0874 THB 31.4384 THB 37.7305 THB 38.5140	THB 31.8847 THB 32.2219 THB 37.7588 THB 38.5238	THB 32.7135 THB 33.0900 THB 38.6836 THB 39.4634
Togo ¹							
Lomé 280	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
Tonga							
Nuku'alofa 817	Pa'anga = 100 seniti TOP	M M	TOP 1 = TOP 1 =	USD 0.4350 EUR 0.3787	USD 0.4484 EUR 0.3670	USD 0.4445 EUR 0.3731	USD 0.4435 EUR 0.3722
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	TTD 6.7138 TTD 6.7781 TTD 7.7724 TTD 8.3139	TTD 6.6567 TTD 6.7563 TTD 8.1225 TTD 8.7156	TTD 6.7188 TTD 6.7759 TTD 7.9662 TTD 8.7984	TTD 6.7145 TTD 6.7609 TTD 8.0458 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 TND	B S TND	USD 1 = USD 1 = EUR 1 = EUR 1 =	TND 2.8046 TND 2.8074 TND 3.2055 TND 3.2087	TND 2.7222 TND 2.7250 TND 3.3220 TND 3.3254	TND 2.7740 TND 2.7767 TND 3.2971 TND 3.3003	TND 2.7691 TND 2.7718 TND 3.2956 TND 3.2989
Turkey							
Ankara 052	Turkish lira = 100 kuruş TRY	B S TRY	USD 1 = USD 1 = EUR 1 = EUR 1 =	TRY 7.0024 TRY 7.0150 TRY 8.0963 TRY 8.1109	TRY 8.5496 TRY 8.5651 TRY 10.4147 TRY 10.4334	TRY 8.7052 TRY 8.7208 TRY 10.3645 TRY 10.3832	TRY 8.4975 TRY 8.5128 TRY 10.0862 TRY 10.1043
Turkmenistan ¹							
Ashgabat 080	Turkmen manat = 100 tenge TMT	2 M	USD 1 = EUR 1 =	TMT 3.50 TMT 4.0021	TMT 3.50 TMT 4.2662	TMT 3.50 TMT 4.1668	TMT 3.50 TMT 4.1664
Uganda							
Kampala 350	Uganda shilling UGX	B S UGX	USD 1 = USD 1 = EUR 1 = EUR 1 =	UGX 3,718.43 UGX 3,728.43 UGX 4,242.69 UGX 4,254.10	UGX 3,541.00 UGX 3,551.00 UGX 4,319.87 UGX 4,332.07	UGX 3,549.07 UGX 3,559.07 UGX 4,234.66 UGX 4,246.59	UGX 3,545.04 UGX 3,555.04 UGX 4,182.94 UGX 4,194.74
Ukraine							
Kyiv 072	Hryvnia = 100 kopiyok UAH	M M	USD 1 = EUR 1 =	UAH 27.0268 UAH 30.9090	UAH 27.5004 UAH 33.3896	UAH 27.1763 UAH 32.3018	UAH 26.8867 UAH 31.9239
United Arab Emirates ¹							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils AED	2 V, M	USD 1 = EUR 1 =	AED 3.6725 AED 4.1947	AED 3.6725 AED 4.4808	AED 3.6725 AED 4.3644	AED 3.6725 AED 4.3670
United Kingdom ¹							
London 006	Pound sterling = 100 pence GBP	M M	GBP 1 = EUR 1 =	USD 1.2836 GBP 0.8882	USD 1.4176 GBP 0.8593	USD 1.3819 GBP 0.8584	USD 1.3907 GBP 0.8527
United States							
Washington 400	US dollar = 100 cents USD	M M	EUR 1 = GBP 1 =	USD 1.14706 USD 1.28379	USD 1.2225 USD 1.4209	USD 1.1855 USD 1.3827	USD 1.1870 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 *

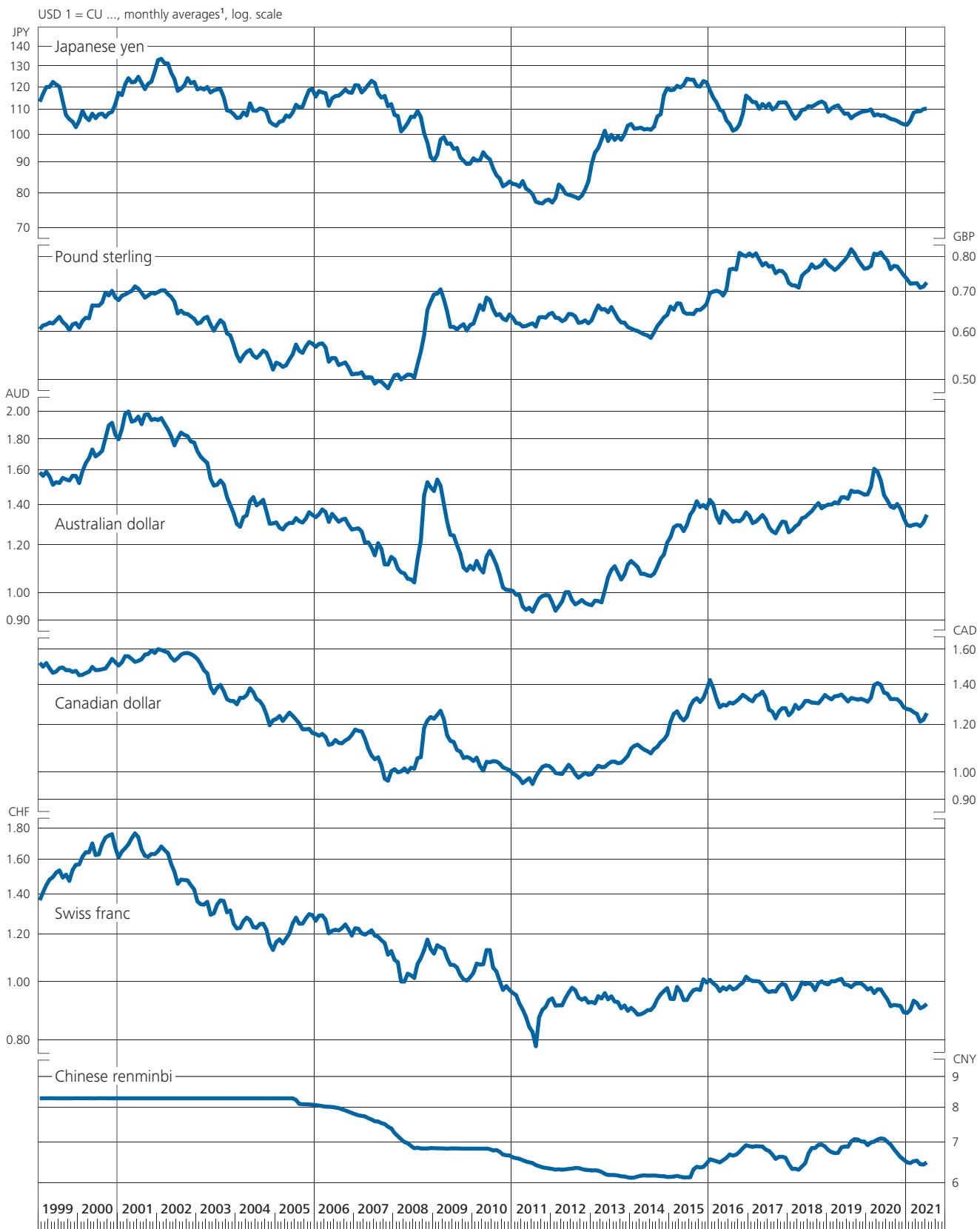
1. Currencies and exchange rates in individual countries (cont'd)

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



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	Euro	Madeira (010)	Euro
Alhucemas	Euro	Marie-Galante (001)	Euro
American Samoa (830)	US dollar	Marshall Islands (824)	US dollar
Andaman Islands	Indian rupee	Martinique (001)	Euro
Andorra 1 (043)	Euro	Mayotte (001)	Euro
Anguilla (446)	East Caribbean dollar	Melilla (023)	Euro
Azores (010)	Euro	Micronesia, Federated States of (823)	US dollar
Baker Island (832)	US dollar	Monaco 1 (001)	Euro
Balearics	Euro	Montenegro (097)	Euro
Bali	Indonesian rupiah	Montserrat (470)	East Caribbean dollar
Bonaire (475)	US dollar	Mooréa	CFP franc
Bora-Bora	CFP franc		
Borneo (northern part) (701)	Malaysian ringgit	Nauru (803)	Australian dollar
Borneo (southern part) (700)	Indonesian rupiah	Newfoundland	Canadian dollar
British Virgin Islands (468)	US dollar	Nicobar Islands	Indian rupee
Canary Islands (011)	Euro	Niue (838)	New Zealand dollar
Ceuta (021)	Euro	Norfolk Island (836)	Australian dollar
Chafarinas (Islands)	Euro	Northern Mariana Islands (820)	US dollar
Christmas Island (834)	Australian dollar		
Cocos Islands (833)	Australian dollar	Palau (825)	US dollar
Désirade (001)	Euro	Pescadores	New Taiwan dollar
Easter Island		Pitcairn Islands Group (813)	New Zealand dollar
Ecuador 1 (500)	Chilean peso	Puerto Rico (400)	US dollar
Faroe Islands 1 (041)	Danish krone		
(French) Guiana (001)	Euro	Saba (475)	US dollar
French Polynesia (822)	CFP franc	San Marino 1 (047)	Euro
Galapagos Islands (500)	US dollar	Spitzbergen/Spitsbergen (028)	Norwegian krone
Gozo (Island of)	Euro	St Barthélémy (001)	Euro
Greenland (406)	Danish krone	St Eustatius (475)	US dollar
Guadeloupe (001)	Euro	St Martin (northern part) (001)	Euro
Guam (831)	US dollar	St Pierre and Miquelon (408)	Euro
Guernsey 1 (107)	Pound sterling	Sumatra	Indonesian rupiah
Howland Island (832)	US dollar	Swan Islands (424)	Honduran lempira
Isle of Man 1 (109)	Pound sterling	Tahiti (822)	CFP franc
Jarvis Island (832)	US dollar	Tibet (720)	Chinese renminbi
Java	Indonesian rupiah	Timor-Leste 1 (626)	US dollar
Jersey 1 (108)	Pound sterling	Tokelau (839)	New Zealand dollar/Samoan tala
Kiribati 1 (812)	Australian dollar	Turks and Caicos Islands 1 (454)	US dollar
Kosovo (095)	Euro	Tuvalu 1 (807)	Australian dollar
Laccadive Islands	Indian rupee	Vatican City 1 (045)	
Les Saintes Islands (001)	Euro	Virgin Islands of the United States (457)	Euro
Liechtenstein (037)	Swiss franc		US dollar
Wallis and Futuna (Islands) (811)			
Western Sahara (203)			
Zanzibar (Island) (352)			
			Tanzania shilling

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

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

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

Period	US dollar USD	Euro EUR	Chinese yuan renminbi CNY	Japanese yen JPY	Pound sterling GBP	Canadian dollar CAD	Swiss franc CHF	Danish krone DKK	Norwegian krone NOK	Swedish krona SEK	
2006	1.50440	1.14229	11.7474	178.948	0.766377	1.75308	1.83582	8.51702	9.41017	10.3390	
2007	1.58025	1.07346	11.5302	179.947	0.788780	1.56144	1.77857	8.02021	8.55074	10.2088	
2008	1.54027	1.10675	10.5271	140.464	1.05657	1.88621	1.63839	8.18003	10.7802	12.0833	
2009	1.56769	1.08822	10.7045	143.797	0.968007	1.64075	1.61551	8.10688	9.05608	11.3070	
2010	1.54003	1.15966	10.1995	125.436	0.997755	1.54142	1.44702	8.64469	9.06742	10.4761	
2011	1.53527	1.18654	9.67352	119.321	0.992989	1.56254	1.44453	8.82099	9.20039	10.6293	
2012	1.53692	1.16583	9.6666	133.020	0.953662	1.52954	1.40874	8.69762	8.55432	10.0140	
2013	1.54000	1.11732	9.3977	162.162	0.935148	1.63856	1.37291	8.33556	9.41398	10.0229	
2014	1.44881	1.19332	8.86525	174.733	0.928247	1.68076	1.43301	8.86611	10.7693	11.3176	
2015	1.38573	1.27283	8.99548	167.116	0.935104	1.91785	1.37478	9.47221	12.2069	11.5742	
2016	1.34433	1.27534	9.34283	157.018	1.09278	1.80503	1.36826	9.48128	11.5881	12.2295	
2017	1.42413	1.18747	9.27343	160.785	1.05402	1.78837	1.38967	8.84056	11.6850	11.7238	
2018	1.39079	1.21424	9.53107	154.141	1.09550	1.89153	1.36451	9.06709	12.1106	12.4768	
2019	1.38283	1.23588	9.66184	150.894	1.05386	1.80583	1.34362	9.23156	12.1685	12.8879	
2020	1.44027	1.18385	9.41203	149.255	1.07323	1.85161	1.28162	8.80553	12.5770	11.9614	
2019 Aug.	1.36834	1.23989	9.77011	145.632	1.12362	1.82130	1.35363	9.24488	12.4460	13.3967	
Sep.	1.36331	1.25200	9.71931	147.169	1.10829	1.80543	1.35697	9.34763	12.3889	13.3668	
Oct.	1.37939	1.23668	9.70789	150.119	1.06439	1.81528	1.36208	9.23898	12.6784	13.2827	
Nov.	1.37290	1.24707	9.65027	149.797	1.06509	1.82294	1.36981	9.31706	12.5979	13.1661	
Dec.	1.38283	1.23588	9.66184	150.894	1.05386	1.80583	1.34362	9.23156	12.1685	12.8879	
2020 Jan.	1.37695	1.24588	9.56160	150.129	1.04899	1.82212	1.33378	9.31064	12.6947	13.3020	
Feb.	1.37328	1.25105	9.61381	150.237	1.06605	1.84418	1.32679	9.34824	12.9970	13.2864	
Mar.	1.36480	1.24571	9.68007	148.354	1.10416	1.93624	1.31758	9.30215	14.3382	13.7532	
Apr.	1.36640	1.25635	9.63902	145.631	1.09225	1.90066	1.32602	9.37040	14.0510	13.4540	
May	1.37202	1.23206	9.80488	146.998	1.11329	1.89160	1.31940	9.18400	13.2914	12.9906	
June	1.37570	1.22852	9.72356	148.190	1.12114	1.87480	1.30760	9.15566	13.4056	12.8614	
July	1.41307	1.19266	9.87099	147.736	1.07556	1.89408	1.28356	8.87847	12.8000	12.2281	
Aug.	1.41891	1.18837	9.72819	149.511	1.06618	1.85055	1.28376	8.84603	12.4244	12.2621	
Sep.	1.40757	1.20223	9.58359	148.907	1.09688	1.87756	1.29778	8.95207	13.3458	12.6517	
Oct.	1.41164	1.20674	9.45555	147.629	1.08722	1.88002	1.29370	8.98610	13.3876	12.5822	
Nov.	1.43009	1.19373	9.41673	148.544	1.07079	1.85411	1.29166	8.88289	12.6070	12.1290	
Dec.	1.44027	1.18385	9.41203	149.255	1.07323	1.85161	1.28162	8.80553	12.5770	11.9614	
2021 Jan.	1.44080	1.18721	9.30960	150.535	1.05030	1.84135	1.28080	8.82924	12.2794	12.0514	
Feb.	1.43927	1.18742	9.30691	152.894	1.03359	1.82572	1.30405	8.82979	12.3505	11.9590	
Mar.	1.41721	1.20871	9.29731	156.885	1.02965	1.78214	1.33650	8.98949	12.0816	12.3636	
Apr.	1.43599	1.18853	9.29861	156.451	1.03219	1.76411	1.30596	8.80375	11.8298	12.0400	
May	1.44467	1.18435	9.21175	157.758	1.02277	1.75160	1.29738	8.80716	12.0748	12.0046	
June	1.42642	1.20029	9.21311	157.620	1.02894	1.76791	1.31645	8.92554	12.2090	12.1393	
July	1.42877	1.20156	9.22526	156.450	1.02289	1.78053	1.29325	8.93711	12.5449	12.2277	
2021 June	22	1.42648	1.19932	9.23284	157.455	1.02757	1.76256	1.31271	8.91822	12.2569	12.1902
	23	1.42856	1.19535	9.25720	158.213	1.02288	1.75527	1.31170	8.88881	12.1596	12.1140
	24	1.42887	1.19711	9.25258	158.690	1.02523	1.75979	1.31241	8.90195	12.1794	12.1049
	25	1.42893	1.19576	9.21871	158.582	1.02797	1.75673	1.30997	8.89197	12.1202	.
	28	1.42860	1.19949	9.22416	158.132	1.02696	1.76218	1.31167	8.92045	12.2064	12.1014
	29	1.42679	1.20019	9.21167	157.689	1.03096	1.76694	1.31400	8.92499	12.2292	12.1711
	30	1.42642	1.20029	9.21311	157.620	1.02894	1.76791	1.31645	8.92554	12.2090	12.1393
July	1	1.42393	1.19819	9.20217	158.184	1.03254	.	1.31727	8.90980	12.2341	12.1877
	6	1.42422	1.20309	9.20031	157.889	1.02846	1.77258	1.31434	8.94638	12.2896	12.1456
	7	1.42324	1.20297	9.20132	157.268	1.02954	1.77549	1.31472	8.94550	12.3275	12.2171
	8	1.42368	1.20264	9.22577	157.402	1.03383	1.78530	1.30573	8.94358	12.5240	12.2924
	9	1.42465	1.20142	9.24009	156.569	1.03168	1.77739	1.30291	8.93463	12.4173	12.2554
	12	1.42470	1.20208	9.22450	156.945	1.02833	1.77674	1.30538	8.94039	12.4150	12.2325
	13	1.42487	1.20303	9.21073	157.277	1.02826	1.78308	1.30482	8.94815	12.4015	12.2208
	14	1.42276	1.20451	9.21328	157.429	1.02634	1.77803	1.30795	8.95857	12.4449	12.3079
	15	1.42458	1.20635	9.20276	156.575	1.02665	1.79098	1.30370	8.97223	12.5223	12.3073
	16	1.42267	1.20545	9.20353	156.338	1.03051	1.79157	1.30893	8.96628	12.5219	12.3455
	19	1.42067	1.20743	9.21031	156.089	1.03668	1.81263	1.30865	8.98045	12.7239	12.3779
	20	1.42083	1.20665	9.21209	155.567	1.04331	1.80872	1.30632	8.97529	12.8111	12.3587
	21	1.41986	1.20613	9.19075	156.142	1.04371	1.78746	1.30897	8.97183	12.7619	12.3970
	22	1.42199	1.20763	9.19388	.	1.03327	1.78701	1.30617	8.98255	12.5347	12.3614
	23	1.42019	1.20692	9.19912	.	1.03392	1.78588	1.30849	8.97731	12.5598	12.3379
	26	1.42163	1.20610	9.21701	156.948	1.03136	1.78401	1.30506	8.97006	12.5760	12.3172
	27	1.42121	1.20339	9.24684	156.688	1.03046	1.78759	1.30332	8.94975	12.5662	12.2984
	28	1.42284	1.20508	9.25378	156.313	1.02518	1.78794	1.30140	8.96258	12.6327	12.2847
	29	1.42749	1.20230	9.22731	156.667	1.02249	1.77723	1.29752	.	12.2552	.
	30	1.42877	1.20156	9.22526	156.450	1.02289	1.78053	1.29325	8.93711	12.5449	12.2277
Aug.	2	1.42787	1.20130	9.22526	156.551	1.02724	.	1.29186	8.93543	12.5554	12.2599
	3	1.42841	1.20186	9.23438	156.125	1.02505	1.79193	1.28935	8.93895	12.5406	12.2636
	4	1.42726	1.20333	9.21973	155.629	1.02482	1.79050	1.29146	8.94879	12.5808	12.2559
	5	1.42656	1.20384	9.21812	156.422	1.02505	1.78277	1.29282	8.95247	12.5694	12.2691
	6	1.42425	1.20628	9.20734	156.483	1.02391	1.78744	1.29372	8.97127	12.5730	12.2758
	9	1.42147	1.20863	9.20598	.	1.02404	1.78607	1.30327	8.98852	12.6766	12.3150
	10	1.41977	1.21120	9.20141	156.643	1.02429	1.78039	1.30846	9.00804	12.6788	12.3670
	11	1.41847	1.21051	9.19980	156.982	1.02654	1.77394	1.30989	9.00293	12.6556	12.3818
	12	1.42018	1.20979	9.19836	156.716	1.02532	1.77806	1.30976	8.99742	12.5522	12.3349

Source: IMF, Washington. * See Explanatory notes, pp. 50-51. 1 ISO currency code: XDR.

VI. Global exchange rate arrangements and monetary policy framework*

As of end-April 2019

Exchange rate arrangement	Monetary policy framework					Monetary aggregate target	Inflation-targeting framework	Other 1			
	Exchange rate target			Other							
	US dollar	Euro	Exchange rate anchor Composite								
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	Azerbaijan 7 Egypt 7 Kyrgyzstan 7,8 Sudan 7 Tajikistan 7,9,11					
Crawling peg	Honduras Nicaragua		Botswana								

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

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

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

VII. ISO currency codes *

■ 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/Frameworkfortheeuroforeignexchangerates.en.pdf?c883afa875c74877fdf4634dcb85688c>.

■ Effective euro exchange rates

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

services (Extended Balance of Payments Services 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	100
EER-19 group	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 bureaus (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 bureaus.

Bureau de change rate

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

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

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 bureaus.

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.