



Exchange rate statistics

July 2020

Statistical Series

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

Finalized on 10 July 2020.

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

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Abbreviations and symbols

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	Data unknown, not to be published or not meaningful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

Discrepancies in the totals are due to rounding.

I. Euro area and exchange rate stability convergence criterion

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

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

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
Denmark Danish krone DKK	Upper rate	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824
	Central rate	¹ 7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038
	Lower rate	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252
Greece Greek drachma GRD	Upper rate	406.075	391.863	–	–	–	–	–
	Central rate	¹ 353.109	² 340.750	–	–	–	–	–
	Lower rate	300.143	289.638	–	–	–	–	–
Estonia Estonian kroon EEK	Upper rate	–	–	17.9936	17.9936	17.9936	17.9936	17.9936
	Central rate	–	–	15.6466	15.6466	15.6466	15.6466	³ 15.6466
	Lower rate	–	–	13.2996	13.2996	13.2996	13.2996	13.2996
Lithuania Lithuanian litas LTL	Upper rate	–	–	3.97072	3.97072	3.97072	3.97072	3.97072
	Central rate	–	–	3.45280	3.45280	3.45280	3.45280	⁴ 3.45280
	Lower rate	–	–	2.93488	2.93488	2.93488	2.93488	2.93488
Slovenia Slovenian tolar SIT	Upper rate	–	–	275.586	275.586	275.586	–	–
	Central rate	–	–	239.640	239.640	⁵ 239.640	–	–
	Lower rate	–	–	203.694	203.694	203.694	–	–
Cyprus Cyprus pound CYP	Upper rate	–	–	–	0.673065	0.673065	0.673065	–
	Central rate	–	–	–	0.585274	0.585274	⁶ 0.585274	–
	Lower rate	–	–	–	0.497483	0.497483	0.497483	–
Latvia Latvian lats LVL	Upper rate	–	–	–	0.808225	0.808225	0.808225	0.808225
	Central rate	–	–	–	0.702804	0.702804	0.702804	⁷ 0.702804
	Lower rate	–	–	–	0.597383	0.597383	0.597383	0.597383
Malta Maltese lira MTL	Upper rate	–	–	–	0.493695	0.493695	0.493695	–
	Central rate	–	–	–	0.429300	0.429300	⁶ 0.429300	–
	Lower rate	–	–	–	0.364905	0.364905	0.364905	–
Slovakia Slovak koruna SKK	Upper rate	–	–	–	–	44.2233	40.7588	34.6449
	Central rate	–	–	–	–	38.4550	35.4424	⁸ 30.1260
	Lower rate	–	–	–	–	32.6868	30.1260	25.6071

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

2001. ³ Until 31 December 2010; accession to the euro area on 1 January 2011. ⁴ Until 31 December 2014; accession to the euro area on 1 January 2015. ⁵ Until 31 December 2006; accession to the euro area on 1 January 2007. ⁶ Until 31 December 2007; accession to the euro area on 1 January 2008. ⁷ Until 31 December 2013; accession to the euro area on 1 January 2014. ⁸ 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 ...

Period		EU member countries							
		Bulgaria Bulgarian lev BGN	Croatia Kuna HRK	Czechia Czech koruna CZK	Denmark Danish krone DKK	Hungary Hungarian forint HUF	Poland Polish zloty PLN	Romania Romanian leu RON	Sweden Swedish krona SEK
2019 May		1.9558	7.4185	25.816	7.4680	324.34	4.2843	4.7430	10.6390
June		1.9558	7.3973	25.447	7.4636	323.39	4.2496	4.7343	10.5633
July		1.9558	7.3823	25.658	7.4674	326.48	4.2912	4.7338	10.6645
Aug.		1.9558	7.4023	25.914	7.4562	331.07	4.3812	4.7284	10.8395
Sep.		1.9558	7.4110	25.816	7.4662	334.83	4.3782	4.7496	10.6958
Oct.		1.9558	7.4579	25.509	7.4708	328.70	4.2581	4.7560	10.7498
Nov.		1.9558	7.4385	25.515	7.4713	333.82	4.3185	4.7823	10.4995
Dec.		1.9558	7.4395	25.408	7.4715	330.53	4.2568	4.7830	10.4468
2020 Jan.		1.9558	7.4440	25.210	7.4731	337.05	4.3009	4.7789	10.6768
Feb.		1.9558	7.4695	25.390	7.4723	337.57	4.3259	4.8130	10.6738
Mar.		1.9558	7.6255	27.312	7.4674	360.02	4.5506	4.8283	11.0613
Apr.		1.9558	7.5790	27.097	7.4584	352.72	4.5336	4.8431	10.6639
May		1.9558	7.5870	26.921	7.4542	348.73	4.4495	4.8493	10.4870
June		1.9558	7.5708	26.740	7.4526	356.58	4.4560	4.8397	10.4948
2020 June	17	1.9558	7.5460	26.561	7.4560	344.50	4.4467	4.8355	10.5123
	18	1.9558	7.5463	26.689	7.4556	345.94	4.4647	4.8393	10.5525
	19	1.9558	7.5665	26.683	7.4554	345.44	4.4516	4.8428	10.5670
	22	1.9558	7.5926	26.681	7.4543	346.60	4.4493	4.8422	10.5525
	23	1.9558	7.5770	26.612	7.4537	350.43	4.4371	4.8438	10.5175
	24	1.9558	7.5745	26.733	7.4530	351.58	4.4480	4.8433	10.5145
	25	1.9558	7.5670	26.796	7.4534	354.35	4.4653	4.8420	10.4865
	26	1.9558	7.5575	26.808	7.4523	355.15	4.4684	4.8426	10.4773
	29	1.9558	7.5690	26.848	7.4531	356.30	4.4664	4.8440	10.4780
	30	1.9558	7.5708	26.740	7.4526	356.58	4.4560	4.8397	10.4948
July	1	1.9558	7.5645	26.670	7.4528	354.50	4.4583	4.8366	10.4965
	2	1.9558	7.5605	26.632	7.4506	351.59	4.4740	4.8355	10.4635
	3	1.9558	7.5570	26.665	7.4516	352.55	4.4687	4.8370	10.4715
	6	1.9558	7.5610	26.705	7.4516	352.83	4.4689	4.8375	10.4848
	7	1.9558	7.5490	26.681	7.4522	353.62	4.4683	4.8393	10.4555
	8	1.9558	7.5385	26.748	7.4493	355.49	4.4765	4.8408	10.4310
	9	1.9558	7.5365	26.622	7.4503	354.25	4.4655	4.8408	10.3970
	10	1.9558	7.5345	26.691	7.4483	353.70	4.4743	4.8428	10.3980

Period		Other European and non-European countries							
		Australia Australian dollar AUD	Brazil Brazilian real BRL	Canada Canadian dollar CAD	China Chinese yuan renminbi CNY	Hong Kong Hong Kong dollar HKD	Iceland Icelandic krona ISK	India Indian rupee INR	Indonesia Indonesian rupiah IDR
2019 May		1.6136	4.4462	1.5115	7.7045	8.7457	138.30	77.7410	15,982.17
June		1.6244	4.3511	1.4893	7.8185	8.8866	141.70	78.5240	16,083.35
July		1.6175	4.2180	1.4662	7.6743	8.7289	134.70	76.6965	15,639.30
Aug.		1.6398	4.5879	1.4658	7.8908	8.6549	138.50	78.8365	15,654.57
Sep.		1.6126	4.5288	1.4426	7.7784	8.5368	135.10	77.1615	15,456.94
Oct.		1.6137	4.4514	1.4673	7.8540	8.7401	138.10	79.1125	15,701.50
Nov.		1.6228	4.6459	1.4614	7.7172	8.5954	134.00	78.6875	15,490.11
Dec.		1.5995	4.5157	1.4598	7.8205	8.7473	135.80	80.1870	15,595.60
2020 Jan.		1.6494	4.7157	1.4627	7.6664	8.5843	136.30	78.9055	15,091.51
Feb.		1.6875	4.9232	1.4757	7.6662	8.5550	139.30	79.2850	15,749.25
Mar.		1.7967	5.7001	1.5617	7.7784	8.4945	155.60	82.8985	17,869.24
Apr.		1.6598	5.8565	1.5077	7.6665	8.4300	159.30	81.6108	16,178.05
May		1.6681	5.9654	1.5280	7.9456	8.6347	150.80	84.1025	16,269.70
June		1.6344	6.1118	1.5324	7.9219	8.6788	155.40	84.6235	16,184.41
2020 June	17	1.6292	5.8521	1.5204	7.9602	8.7049	152.40	85.5505	15,948.04
	18	1.6356	5.9738	1.5218	7.9545	8.6972	153.50	85.6730	15,806.19
	19	1.6261	6.0029	1.5209	7.9332	8.6889	154.60	85.3520	15,927.67
	22	1.6292	5.9248	1.5210	7.9348	8.6902	155.10	85.2585	15,988.62
	23	1.6272	5.9006	1.5269	7.9944	8.7716	156.80	85.4380	16,026.29
	24	1.6342	5.8422	1.5331	7.9772	8.7421	157.10	85.3285	15,982.07
	25	1.6321	6.0012	1.5282	7.9206	8.6805	155.60	84.7120	15,988.00
	26	1.6313	6.0595	1.5318	7.9298	8.6904	155.00	84.8215	15,944.89
	29	1.6406	6.1105	1.5409	7.9841	8.7456	155.40	85.1920	16,213.08
	30	1.6344	6.1118	1.5324	7.9219	8.6788	155.40	84.6235	16,184.41
July	1	1.6268	6.0960	1.5217	7.9151	8.6808	155.60	84.6220	15,976.80
	2	1.6296	5.9823	1.5343	7.9759	8.7469	156.20	84.3540	16,227.58
	3	1.6175	6.0117	1.5233	7.9310	8.6987	156.30	83.8210	16,286.02
	6	1.6230	5.9745	1.5333	7.9498	8.7769	157.20	84.4535	16,328.00
	7	1.6261	6.0701	1.5317	7.9287	8.7499	157.00	84.4645	16,302.76
	8	1.6242	6.0439	1.5338	7.9163	8.7468	157.40	84.6455	16,268.00
	9	1.6239	6.0520	1.5314	7.9230	8.7901	158.70	85.0455	16,326.81
	10	1.6247	6.0691	1.5336	7.8952	8.7396	159.00	84.8410	16,276.91

* See Explanatory notes, p. 48.

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

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

EUR 1 = CU ...

Other European and non-European countries (cont'd)										
Period	Israel New shekel ILS	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW	Malaysia Malaysian ringgit MYR	Mexico Mexican peso MXN	New Zealand New Zealand dollar NZD	Norway Norwegian krone NOK	Philippines Philippines peso PHP		
2019 May	4.0505	121.27	1,328.31	4.6747	21.8922	1.7134	9.7915	58.225		
June	4.0607	122.60	1,315.35	4.7082	21.8201	1.6960	9.6938	58.335		
July	3.8951	121.04	1,318.25	4.6015	21.2005	1.6883	9.7778	56.685		
Aug.	3.8899	117.28	1,333.21	4.6412	22.1567	1.7490	10.0380	57.462		
Sep.	3.7877	117.59	1,304.83	4.5592	21.4522	1.7375	9.8953	56.553		
Oct.	3.9342	120.73	1,302.87	4.6607	21.3265	1.7359	10.2520	56.704		
Nov.	3.8136	120.43	1,295.81	4.5882	21.4483	1.7090	10.1045	55.838		
Dec.	3.8845	121.94	1,296.28	4.5953	21.2202	1.6653	9.8638	56.900		
2020 Jan.	3.8090	120.35	1,321.60	4.5297	20.8044	1.7083	10.1893	56.382		
Feb.	3.8052	119.36	1,324.98	4.6263	21.6370	1.7608	10.3888	56.027		
Mar.	3.9018	118.90	1,341.03	4.7330	26.1772	1.8417	11.5100	55.865		
Apr.	3.8069	115.87	1,313.09	4.6767	25.7953	1.7705	11.1840	54.772		
May	3.9065	119.29	1,376.21	4.8414	24.5700	1.7863	10.7880	56.231		
June	3.8821	120.66	1,345.83	4.7989	25.9470	1.7480	10.9120	55.834		
2020 June 17	3.8747	120.65	1,362.21	4.8095	24.9416	1.7395	10.7050	56.273		
18	3.8811	120.00	1,359.26	4.8008	25.2628	1.7420	10.7083	56.302		
19	3.8620	119.77	1,353.53	4.7854	25.3126	1.7403	10.7135	56.133		
22	3.8672	119.89	1,361.30	4.7997	25.2313	1.7350	10.7985	56.200		
23	3.8808	121.05	1,366.51	4.8390	25.2497	1.7391	10.7345	56.685		
24	3.8691	120.30	1,356.39	4.8194	25.4773	1.7552	10.7958	56.453		
25	3.8545	120.25	1,347.73	4.7914	25.6315	1.7465	10.8748	56.075		
26	3.8470	119.93	1,346.19	4.8115	25.5836	1.7428	10.8850	56.053		
29	3.8745	121.07	1,352.81	4.8352	25.9230	1.7533	10.9013	56.258		
30	3.8821	120.66	1,345.83	4.7989	25.9470	1.7480	10.9120	55.834		
July 1	3.8704	120.31	1,347.84	4.8009	25.7005	1.7362	10.7736	55.791		
2	3.8903	121.24	1,353.90	4.8366	25.5360	1.7297	10.6873	56.078		
3	3.8567	120.68	1,346.54	4.8123	25.3049	1.7204	10.6775	55.536		
6	3.8992	121.78	1,350.51	4.8441	25.1207	1.7293	10.6218	55.871		
7	3.8950	121.61	1,349.06	4.8259	25.4764	1.7260	10.6428	55.892		
8	3.8949	121.39	1,348.86	4.8219	25.6433	1.7237	10.6885	55.898		
9	3.9005	121.67	1,354.35	4.8345	25.6985	1.7223	10.6173	56.062		
10	3.9006	120.48	1,354.70	4.8109	25.6953	1.7189	10.7163	55.794		

Other European and non-European countries (cont'd)										
Period	Russian Federation Russian rouble RUB	Singapore Singapore dollar SGD	South Africa South African rand ZAR	Switzerland Swiss franc CHF	Thailand Thai baht THB	Turkey Turkish lira TRY	United Kingdom ¹ Pound sterling GBP	United States US dollar USD		
2019 May	72.9053	1.5378	16.3834	1.1214	35.282	6.5270	0.88693	1.1151		
June	71.5975	1.5395	16.1218	1.1105	34.897	6.5655	0.89655	1.1380		
July	70.8041	1.5261	15.8634	1.1041	34.273	6.1610	0.91623	1.1151		
Aug.	73.4150	1.5312	16.8299	1.0909	33.754	6.4418	0.90565	1.1036		
Sep.	70.7557	1.5060	16.5576	1.0847	33.315	6.1491	0.88573	1.0889		
Oct.	71.3639	1.5174	16.9120	1.1007	33.668	6.3717	0.86133	1.1154		
Nov.	70.5544	1.5017	16.1197	1.0998	33.204	6.3198	0.85225	1.0982		
Dec.	69.9563	1.5111	15.7773	1.0854	33.415	6.6843	0.85080	1.1234		
2020 Jan.	70.3375	1.5092	16.4900	1.0694	34.460	6.6117	0.84175	1.1052		
Feb.	73.6096	1.5317	17.0961	1.0614	34.632	6.8348	0.85315	1.0977		
Mar.	85.9486	1.5633	19.6095	1.0585	35.925	7.2063	0.88643	1.0956		
Apr.	79.8920	1.5324	19.6572	1.0558	35.216	7.5979	0.86905	1.0876		
May	78.4416	1.5712	19.4239	1.0720	35.424	7.6101	0.90088	1.1136		
June	79.6300	1.5648	19.4425	1.0651	34.624	7.6761	0.91243	1.1198		
2020 June 17	78.1853	1.5650	19.2289	1.0669	35.055	7.7012	0.89448	1.1232		
18	78.2063	1.5642	19.5334	1.0667	34.928	7.6968	0.90028	1.1222		
19	77.6565	1.5623	19.4440	1.0656	34.765	7.6887	0.90505	1.1210		
22	77.8799	1.5639	19.5077	1.0654	34.760	7.6829	0.90328	1.1213		
23	77.7474	1.5743	19.4719	1.0705	34.995	7.7622	0.90630	1.1318		
24	78.0079	1.5668	19.5264	1.0679	34.788	7.7322	0.90343	1.1280		
25	77.7516	1.5600	19.4883	1.0637	34.647	7.6776	0.90133	1.1200		
26	77.8800	1.5608	19.3799	1.0631	34.674	7.6865	0.90575	1.1213		
29	78.9169	1.5708	19.4262	1.0669	34.845	7.7351	0.91540	1.1284		
30	79.6300	1.5648	19.4425	1.0651	34.624	7.6761	0.91243	1.1198		
July 1	79.6793	1.5630	19.2935	1.0620	34.709	7.6777	0.90430	1.1200		
2	79.4434	1.5726	19.0952	1.0648	35.054	7.7368	0.90225	1.1286		
3	80.2153	1.5654	19.1761	1.0623	34.918	7.6957	0.90120	1.1224		
6	81.3769	1.5753	19.2761	1.0642	35.158	7.7743	0.90505	1.1325		
7	80.8888	1.5751	19.2908	1.0643	35.262	7.7508	0.90150	1.1290		
8	80.4584	1.5745	19.1628	1.0624	35.252	7.7478	0.89923	1.1286		
9	80.0425	1.5774	19.0691	1.0634	35.381	7.7845	0.89655	1.1342		
10	80.2104	1.5703	19.0889	1.0625	35.316	7.7417	0.89570	1.1276		

* See Explanatory notes, p. 48. ¹ The United Kingdom ceased to be a member of the European Union on 31 January 2020.

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

2. Annual and monthly averages +

EUR 1 = CU ...

		EU member countries							
		Bulgaria	Croatia	Czechia	Denmark	Hungary	Poland	Romania	Sweden
Period	Bulgarian lev BGN	Kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	Swedish krona SEK	
2018	1.9558	7.4182	25.647	7.4532	318.89	4.2615	4.6540	10.2583	
2019	1.9558	7.4180	25.670	7.4661	325.30	4.2976	4.7453	10.5891	
2018 May	1.9558	7.3912	25.640	7.4482	316.93	4.2850	4.6404	10.3419	
June	1.9558	7.3822	25.778	7.4493	322.70	4.3038	4.6623	10.2788	
July	1.9558	7.3971	25.850	7.4523	324.60	4.3239	4.6504	10.3076	
Aug.	1.9558	7.4261	25.681	7.4558	323.02	4.2858	4.6439	10.4668	
Sep.	1.9558	7.4294	25.614	7.4583	324.82	4.3006	4.6471	10.4426	
Oct.	1.9558	7.4245	25.819	7.4597	323.84	4.3046	4.6658	10.3839	
Nov.	1.9558	7.4281	25.935	7.4611	322.33	4.3018	4.6610	10.2918	
Dec.	1.9558	7.4041	25.835	7.4653	322.74	4.2900	4.6536	10.2766	
2019 Jan.	1.9558	7.4286	25.650	7.4657	319.80	4.2916	4.7062	10.2685	
Feb.	1.9558	7.4151	25.726	7.4627	317.91	4.3175	4.7486	10.4986	
Mar.	1.9558	7.4206	25.676	7.4625	315.92	4.2969	4.7546	10.4999	
Apr.	1.9558	7.4282	25.677	7.4650	321.18	4.2864	4.7584	10.4819	
May	1.9558	7.4189	25.768	7.4675	324.98	4.2958	4.7594	10.7372	
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	

		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	
2018	1.5797	4.3085	1.5294	7.8081	9.2559	127.89	80.7332	16,803.22	
2019	1.6109	4.4134	1.4855	7.7355	8.7715	137.28	78.8361	15,835.27	
2018 May	1.5695	4.2912	1.5197	7.5291	9.2712	122.83	79.7891	16,594.39	
June	1.5579	4.4049	1.5327	7.5512	9.1642	124.76	79.1601	16,393.39	
July	1.5792	4.4765	1.5356	7.8504	9.1708	124.41	80.2996	16,836.55	
Aug.	1.5762	4.5357	1.5063	7.9092	9.0655	124.19	80.4260	16,822.69	
Sep.	1.6189	4.8013	1.5211	7.9930	9.1375	128.90	84.2109	17,338.45	
Oct.	1.6158	4.3246	1.4935	7.9481	9.0011	134.47	84.5447	17,428.73	
Nov.	1.5681	4.2973	1.4998	7.8880	8.9000	139.78	81.5611	16,651.71	
Dec.	1.5849	4.4214	1.5278	7.8398	8.9026	137.78	80.6166	16,512.15	
2019 Jan.	1.5975	4.2700	1.5196	7.7504	8.9527	136.66	80.7983	16,164.77	
Feb.	1.5895	4.2234	1.4995	7.6485	8.9082	136.10	80.8601	15,936.22	
Mar.	1.5959	4.3369	1.5104	7.5868	8.8718	135.48	78.5605	16,059.50	
Apr.	1.5802	4.3740	1.5035	7.5489	8.8164	135.34	78.0027	15,899.18	
May	1.6116	4.4797	1.5058	7.6736	8.7779	137.64	78.0798	16,095.47	
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	

* 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.

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

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

EUR 1 = CU ...

Other European and non-European countries (cont'd)								
Period	Israel New shekel ILS	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW	Malaysia Malaysian ringgit MYR	Mexico Mexican peso MXN	New Zealand New Zealand dollar NZD	Norway Norwegian krone NOK	Philippines Philippines peso PHP
2018	4.2423		130.40	1,299.07	4.7634	22.7054	1.7065	62.210
2019	3.9901		122.01	1,305.32	4.6374	21.5565	1.6998	57.985
2018 May	4.2397		129.57	1,272.38	4.6891	23.0985	1.6996	61.746
June	4.2096		128.53	1,277.93	4.6717	23.7134	1.6822	62.038
July	4.2595		130.23	1,313.03	4.7327	22.2481	1.7220	62.394
Aug.	4.2330		128.20	1,295.39	4.7277	21.7835	1.7315	61.539
Sep.	4.1858		130.54	1,305.86	4.8265	22.1891	1.7674	62.957
Oct.	4.1996		129.62	1,300.10	4.7761	21.9950	1.7586	61.950
Nov.	4.2122		128.79	1,280.89	4.7548	23.0062	1.6779	59.958
Dec.	4.2736		127.88	1,278.13	4.7459	22.8889	1.6675	60.135
2019 Jan.	4.2075		124.34	1,281.46	4.7001	21.8985	1.6850	59.882
Feb.	4.1162		125.28	1,274.32	4.6272	21.7766	1.6605	59.207
Mar.	4.0885		125.67	1,279.67	4.6090	21.7363	1.6540	59.358
Apr.	4.0413		125.44	1,284.41	4.6237	21.3367	1.6720	58.470
May	4.0184		122.95	1,325.20	4.6665	21.3926	1.7057	58.483
June	4.0624		122.08	1,325.28	4.6968	21.7827	1.7119	58.425
July	3.9758		121.41	1,320.29	4.6258	21.3614	1.6790	57.338
Aug.	3.9046		118.18	1,347.10	4.6599	21.8925	1.7303	58.075
Sep.	3.8769		118.24	1,315.02	4.6056	21.5374	1.7345	57.306
Oct.	3.8882		119.51	1,308.65	4.6283	21.3687	1.7455	56.860
Nov.	3.8472		120.34	1,291.19	4.5937	21.3399	1.7266	56.062
Dec.	3.8630		121.24	1,306.19	4.6093	21.2640	1.6864	56.432
2020 Jan.	3.8417		121.36	1,296.12	4.5279	20.8733	1.6811	56.436
Feb.	3.7432		120.03	1,303.58	4.5391	20.5356	1.7064	55.369
Mar.	3.9860		118.90	1,347.99	4.7549	24.7250	1.8276	56.453
Apr.	3.8771		116.97	1,328.89	4.7307	26.3607	1.8109	55.065
May	3.8348		116.87	1,340.44	4.7331	25.5652	1.7890	55.121
June	3.8893		121.12	1,358.75	4.8118	25.0828	1.7473	56.333

Other European and non-European countries (cont'd)								
Period	Russian Federation Russian rouble RUB	Singapore Singapore dollar SGD	South Africa South African rand ZAR	Switzerland Swiss franc CHF	Thailand Thai baht THB	Turkey Turkish lira TRY	United Kingdom ¹ Pound sterling GBP	United States US dollar USD
2018	74.0416	1.5926	15.6186	1.1550	38.164	5.7077	0.88471	1.1810
2019	72.4553	1.5273	16.1757	1.1124	34.757	6.3578	0.87777	1.1195
2018 May	73.6504	1.5819	14.8182	1.1780	37.781	5.2501	0.87726	1.1812
June	73.2934	1.5737	15.5262	1.1562	37.930	5.4073	0.87886	1.1678
July	73.3942	1.5931	15.6599	1.1622	38.894	5.5748	0.88726	1.1686
Aug.	76.6684	1.5807	16.2808	1.1413	38.146	6.8488	0.89687	1.1549
Sep.	78.8756	1.5986	17.2295	1.1286	38.013	7.3840	0.89281	1.1659
Oct.	75.6102	1.5843	16.6548	1.1413	37.652	6.6919	0.88272	1.1484
Nov.	75.5508	1.5629	16.0114	1.1377	37.470	6.0896	0.88118	1.1367
Dec.	76.6804	1.5595	16.1870	1.1293	37.238	6.0630	0.89774	1.1384
2019 Jan.	76.3055	1.5486	15.8170	1.1297	36.318	6.1365	0.88603	1.1416
Feb.	74.7184	1.5365	15.6879	1.1368	35.532	5.9888	0.87264	1.1351
Mar.	73.6288	1.5306	16.2507	1.1311	35.869	6.1983	0.85822	1.1302
Apr.	72.6571	1.5239	15.8959	1.1319	35.800	6.4707	0.86179	1.1238
May	72.6164	1.5340	16.1371	1.1304	35.570	6.7694	0.87176	1.1185
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

* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. ¹ The United Kingdom ceased to be a member of the European Union on 31 January 2020.

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

3. End-of-year rates and annual averages

EUR 1 = CU ...

Period	EU member countries								
	Bulgaria Bulgarian lev BGN	Croatia Kuna HRK	Cyprus Cyprus pound CYP ¹	Czechia Czech koruna CZK	Denmark Danish krone DKK	Estonia Estonian kroon EEK ¹	Hungary Hungarian forint HUF	Latvia Latvian lats LVL ¹	Lithuania Lithuanian litas LTL ¹
End of year									
2006	1.9558	7.3504	0.57820	27.485	7.4560	15.6466	251.77	0.6972	3.4528
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	–	–
Annual averages ⁺									
2006	1.9558	7.3247	0.57578	28.342	7.4591	15.6466	264.26	0.6962	3.4528
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	–	–

Period	EU member countries (cont'd)					Other European and non-European countries				
	Malta Maltese lira MTL ¹	Poland Polish zloty PLN	Romania Romanian leu RON	Slovakia Slovak koruna SKK ¹	Slovenia Slovenian tolar SIT ¹	Sweden Swedish krona SEK	Australia Australian dollar AUD	Brazil Brazilian real BRL ²	Canada Canadian dollar CAD	China Chinese yuan renminbi CNY
End of year										
2006	0.4293	3.8310	3.3835	34.435	239.6400	9.0404	1.6691	2.8141	1.5281	10.2793
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
Annual averages ⁺										
2006	0.4293	3.8959	3.5258	37.234	239.5961	9.2544	1.6668	2.7333	1.4237	10.0096
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

* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. ¹ Accession to the euro area, see p. 7 (Table I. 1.). ² Up to December 2007, ECB indicative rates.

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

3. End-of-year rates and annual averages (cont'd)

EUR 1 = CU ...

Other European and non-European countries (cont'd)

Period	Hong Kong Hong Kong dollar HKD	Iceland Icelandic krona ISK ¹	India Indian rupee INR ²	Indonesia Indonesian rupiah IDR	Israel New shekel ILS ³	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW	Malaysia Malaysian ringgit MYR	Mexico Mexican peso MXN ⁴	New Zealand New Zealand dollar NZD
End of year										
2006	10.2409	93.13	58.2180	11,844.44	5.5677	156.93	1,224.81	4.6490	14.2899	1.8725
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
Annual averages +										
2006	9.7545	87.76	56.8435	11,512.37	5.5920	146.02	1,198.58	4.6044	13.6936	1.9373
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

Other European and non-European countries (cont'd)

Period	Norway Norwegian krona NOK	Philippines Philippine peso PHP	Russian Federation Russian rouble RUB	Singapore Singapore dollar SGD	South Africa South African rand ZAR	Switzerland Swiss franc CHF	Thailand Thai baht THB	Turkey Turkish lira ⁵ TRY	United Kingdom ⁶ Pound sterling GBP	United States US dollar USD
End of year										
2006	8.2380	64.546	34.6800	2.0202	9.2124	1.6069	46.770	1.8640	0.67150	1.3170
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
Annual averages +										
2006	8.0472	64.379	34.1117	1.9941	8.5312	1.5729	47.594	1.8090	0.68173	1.2556
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

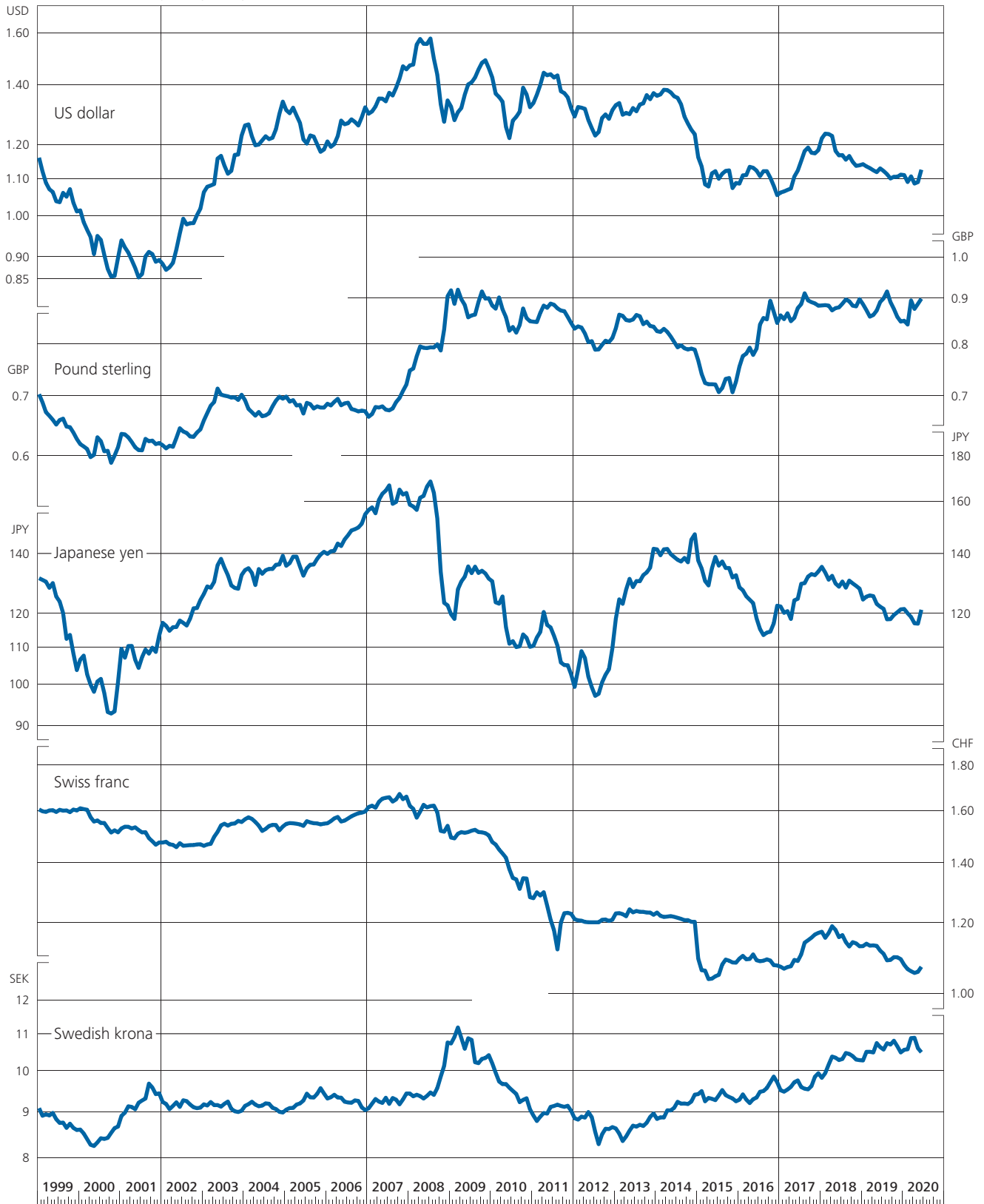
* See Explanatory notes, p. 48. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. ¹ The ECB did not fix euro foreign exchange reference rates for the Icelandic krona from 4 December 2008 to 31 January 2018. ² Up to December 2008, ECB indicative 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. ⁶ The United Kingdom ceased to be a member of the European Union on 31 January 2020.

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

4. Exchange rates of major currencies

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

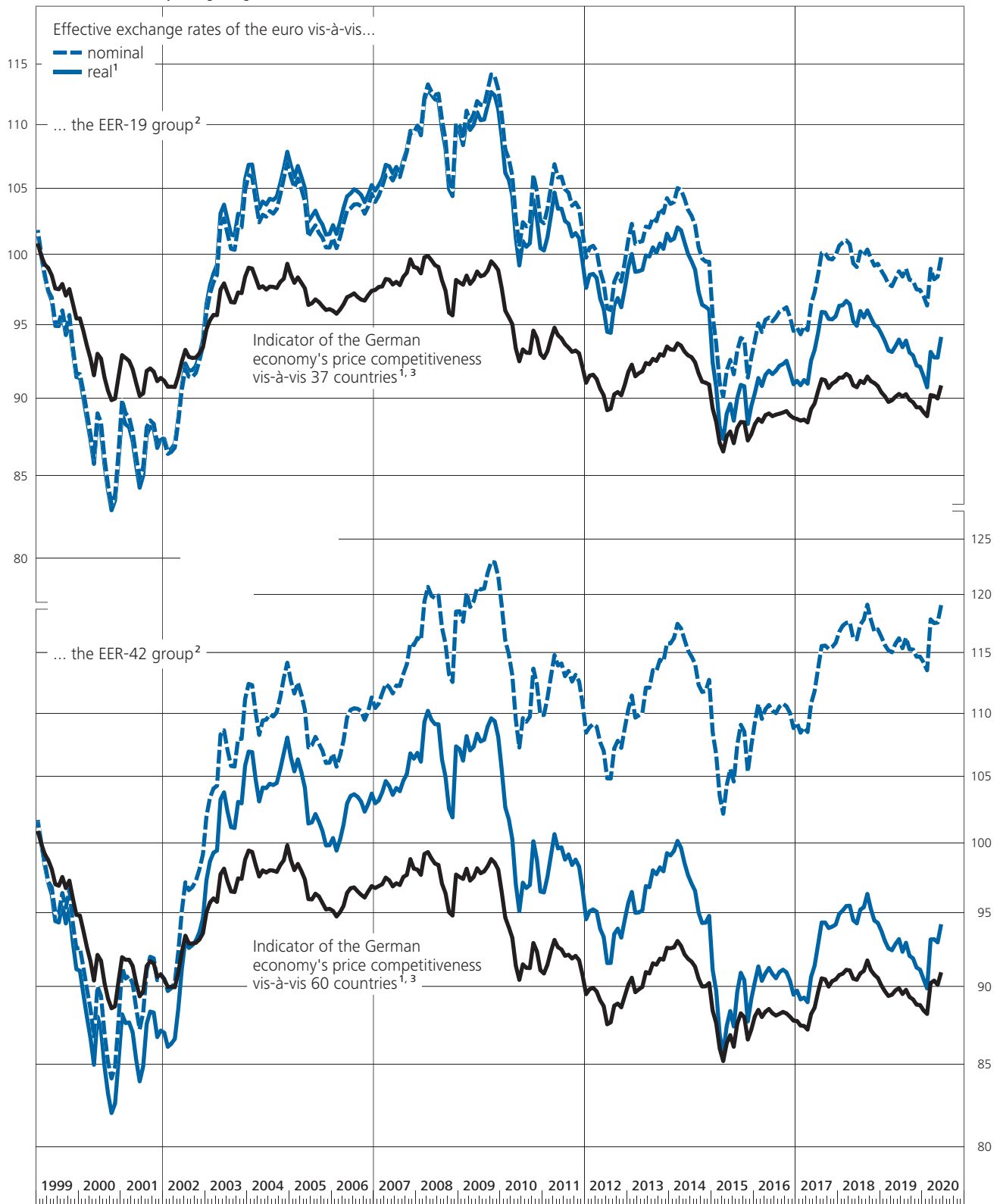


* See explanatory notes, p. 48. ¹ Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB.

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



Source: ECB and Bundesbank calculation. * The weights are based on trade in manufactured goods and, as from the publication of 1 July 2020, additionally on trade in services. For more detailed information on methodology and definition of country groups, see Explanatory notes, pp. 48–49. A decline in the figures

implies an increase in competitiveness. **1** Based on consumer price indices. **2** Includes the 19 respectively 42 most important trading partners of the euro area economy. **3** Includes the 37 respectively 60 most important trading partners of the German economy.

III. Effective exchange rates

2. Effective exchange rates of the euro *

Q1 1999 = 100

		Effective exchange rate of the euro vis-à-vis the currencies of the group					
		EER-19 1			EER-42 1		
Yearly, quarterly or monthly average	EER-19 1		EER-42 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	96.3	96.1	96.0	96.1	96.5	95.9	
2000	87.2	86.8	86.1	85.8	88.1	86.1	
2001	87.6	87.1	86.8	86.8	90.2	86.9	
2002	89.9	90.2	89.9	90.4	94.5	90.5	
2003	100.5	101.3	101.1	101.8	106.4	101.5	
2004	104.3	105.2	104.0	105.2	110.8	105.3	
2005	102.9	103.9	102.1	103.5	109.0	102.9	
2006	102.9	103.9	101.6	102.4	109.1	102.3	
2007	106.4	106.9	103.8	104.8	112.7	104.5	
2008	110.2	109.8	106.0	109.0	117.4	106.9	
2009	111.7	110.6	107.1	114.7	120.5	108.0	
2010	104.5	102.9	99.0	106.7	111.9	99.0	
2011	104.3	102.0	97.0	105.1	112.7	98.6	
2012	98.6	96.8	91.5	99.0	107.5	93.8	
2013	102.2	99.9	94.4	102.0	112.2	96.8	
2014	102.4	99.3	94.3	102.6	114.6	97.2	
2015	92.6	89.6	85.8	92.3	106.1	88.7	
2016	95.3	91.6	88.0	p 93.4	110.1	90.7	
2017	97.5	93.5	89.0	p 94.2	112.4	91.9	
2018	100.0	95.7	90.4	p 95.5	117.3	95.1	
2019	98.2	93.3	88.6	p 92.9	115.5	92.4	
2018 July	100.2	95.9			117.4	95.2	
Aug.	99.9	95.5	90.3	p 95.8	117.8	95.4	
Sep.	100.4	96.0			119.1	96.3	
Oct.	99.7	95.5			117.8	95.3	
Nov.	99.2	95.0	89.7	p 94.8	116.8	94.5	
Dec.	99.3	94.8			117.0	94.3	
2019 Jan.	98.8	94.3			116.3	93.7	
Feb.	98.4	93.8	88.8	p 93.2	115.6	93.1	
Mar.	97.9	93.2			115.2	92.5	
Apr.	97.7	93.1			115.0	92.4	
May	98.2	93.5	88.6	p 93.0	115.7	92.8	
June	98.8	93.9			116.2	93.2	
July	98.4	93.4			115.4	92.3	
Aug.	98.9	93.9	88.8	p 93.2	116.2	92.9	
Sep.	98.2	93.1			115.3	92.0	
Oct.	98.1	92.9			115.3	91.9	
Nov.	97.5	92.2	88.2	p 92.0	114.6	91.2	
Dec.	97.4	92.1			114.7	91.1	
2020 Jan.	97.0	91.4			114.2	90.5	
Feb.	96.3	90.7	88.0	p 92.9	113.5	89.9	
Mar.	99.0	93.1			117.8	p 93.2	
Apr.	98.2	p 92.7			117.5	p 93.2	
May	98.4	p 92.7	...	...	117.6	p 93.0
June	99.8	p 94.1			119.1	p 94.2	
2020 June 10	100.0	-	-	-	119.3	-	
11	100.1	-	-	-	119.5	-	
12	99.9	-	-	-	119.3	-	
15	99.8	-	-	-	119.2	-	
16	99.9	-	-	-	119.3	-	
17	99.6	-	-	-	118.8	-	
18	99.7	-	-	-	119.0	-	
19	99.6	-	-	-	118.9	-	
22	99.6	-	-	-	118.9	-	
23	100.1	-	-	-	119.5	-	
24	99.9	-	-	-	119.3	-	
25	99.6	-	-	-	118.9	-	
26	99.7	-	-	-	119.0	-	
29	100.3	-	-	-	119.7	-	
30	99.8	-	-	-	119.2	-	
July 1	99.6	-	-	-	119.0	-	
2	99.9	-	-	-	119.3	-	
3	99.6	-	-	-	119.0	-	
6	100.0	-	-	-	119.5	-	
7	99.8	-	-	-	119.3	-	
8	99.8	-	-	-	119.3	-	
9	99.8	-	-	-	119.4	-	
10	99.6	-	-	-	119.1	-	

ECB calculation. * The weights are based on trade in manufactured goods and, as from the publication of 1 July 2020, additionally on trade in services. For information on methodology and grouping of countries, see Explanatory notes, pp. 48-49. A decline in the

figures implies an increase in competitiveness. Where current price and wage indices were not available, estimates were used. 1 Includes the 19 respectively 42 most important trading partners for the euro area economy.

III. Effective exchange rates

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

Q1 1999 = 100

Yearly, quarterly or monthly average	Based on the deflators of total sales vis-à-vis				Based on consumer price indices vis-à-vis						
	26 selected industrial countries 1			37 countries 2	26 selected industrial countries 1			37 countries 2	60 countries 2		
	Total	of which:			Total	of which:					
		Euro area countries	Non-euro area countries			Euro area countries	Non-euro area countries				
1999	97.9	99.5	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	86.1	92.2	91.2		
2001	91.7	96.4	86.2	90.5	92.9	98.1	86.9	91.6	91.0		
2002	92.3	95.5	88.6	91.0	93.4	96.8	89.4	92.1	91.9		
2003	95.9	94.6	97.8	95.3	97.0	95.7	98.9	96.7	96.8		
2004	96.2	93.4	100.2	95.6	98.4	95.3	102.8	98.1	98.4		
2005	94.8	91.9	99.1	93.3	98.4	95.1	103.1	97.1	96.8		
2006	93.6	90.3	98.5	91.7	98.5	94.8	103.9	96.7	96.0		
2007	94.6	89.5	102.3	92.0	100.9	95.1	109.6	98.2	97.4		
2008	94.9	88.2	105.4	91.3	102.3	94.5	114.6	98.4	97.6		
2009	95.2	89.0	104.9	92.0	101.9	94.4	113.5	98.5	98.0		
2010	92.6	88.6	98.4	88.2	98.7	94.0	105.8	94.2	92.5		
2011	92.1	88.4	97.8	87.4	98.2	93.6	104.8	93.4	91.9		
2012	90.1	88.2	92.6	84.7	95.9	93.2	99.6	90.5	89.0		
2013	92.3	88.7	97.7	86.7	98.2	93.3	105.3	92.3	90.9		
2014	92.9	89.6	97.9	87.4	98.2	93.6	104.9	92.5	91.5		
2015	89.7	90.1	88.9	83.5	94.4	94.0	94.6	87.8	87.0		
2016	90.5	90.5	90.4	84.8	95.1	94.0	96.2	88.8	88.2		
2017	91.4	90.3	93.0	85.3	96.4	94.2	99.3	89.9	89.0		
2018	92.4	90.2	95.7	86.0	97.7	94.3	102.6	91.1	90.9		
2019	91.5	90.4	92.9	85.1	96.4	94.3	99.4	89.9	89.5		
2017 Mar.					95.0	94.1	96.0	88.6	87.4		
Apr.					94.8	94.0	95.5	88.4	87.2		
May	90.8	90.4	91.4	84.7	95.7	94.1	97.7	89.3	88.2		
June					96.1	94.1	98.7	89.6	88.6		
July					96.9	94.3	100.5	90.5	89.6		
Aug.	92.5	90.5	95.4	86.3	97.7	94.4	102.5	91.3	90.5		
Sep.					97.6	94.3	102.5	91.2	90.5		
Oct.					97.2	94.0	101.9	90.7	90.0		
Nov.	92.5	90.3	95.8	86.1	97.7	94.4	102.4	91.0	90.4		
Dec.					97.8	94.4	102.8	91.1	90.5		
2018 Jan.					98.2	94.2	104.0	91.4	90.7		
Feb.	93.0	90.1	97.2	86.3	98.2	94.3	104.1	91.4	90.8		
Mar.					98.4	94.4	104.4	91.6	91.1		
Apr.					98.4	94.3	104.4	91.4	91.1		
May	92.5	90.2	95.9	85.8	97.8	94.3	102.8	90.8	90.5		
June					97.5	94.3	102.0	90.7	90.4		
July					97.5	94.1	102.3	91.1	90.9		
Aug.	92.2	90.1	95.2	85.9	97.3	94.2	101.7	91.0	91.0		
Sep.					97.7	94.4	102.3	91.4	91.7		
Oct.					97.3	94.4	101.5	91.1	91.1		
Nov.	92.0	90.3	94.4	85.8	97.3	94.5	101.1	91.0	90.8		
Dec.					97.2	94.4	101.1	90.8	90.6		
2019 Jan.					96.8	94.1	100.6	90.4	90.1		
Feb.	91.7	90.3	93.7	85.3	96.7	94.1	100.2	90.1	89.7		
Mar.					96.4	94.1	99.6	89.7	89.4		
Apr.					96.6	94.3	99.7	89.8	89.4		
May	91.6	90.4	93.3	85.1	96.6	94.3	99.7	90.1	89.7		
June					96.8	94.3	100.2	90.3	89.9		
July					96.7	94.4	99.9	90.1	89.5		
Aug.	91.4	90.4	92.6	85.1	96.5	94.2	99.6	90.3	89.8		
Sep.					96.1	94.3	98.5	89.9	89.3		
Oct.					96.1	94.3	98.6	89.7	89.1		
Nov.	91.2	90.6	91.9	85.0	96.0	94.3	98.1	89.4	88.8		
Dec.					95.9	94.3	98.0	89.4	88.8		
2020 Jan.					95.9	94.4	97.9	89.1	88.4		
Feb.	P	91.1	P	90.8	91.5	P	85.0	P	88.2		
Mar.					96.6	94.7	99.2	90.2	P	90.2	
Apr.					96.3	94.7	98.3	P	90.1	P	90.4
May	P	P	94.5	P	90.0	P	90.1
June					97.2	P	94.8	P	100.4	P	90.9

* The weights are based on trade in manufactured goods and, as from the publication of 1 July 2020, additionally on trade in services. For information on methodology and grouping of countries, see Explanatory notes, pp. 48-49. A decline in the figures implies an increase in competitiveness. Where current price and wage indices were not avail-

able, 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 2019	Rate at end of month			
					April 2020	May 2020	June 2020	
Afghanistan								
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 77.7425	AFN 76.3500	AFN 76.7250	AFN 77.2700	
		S	USD 1 =	AFN 77.8425	AFN 76.4500	AFN 76.8250	AFN 77.3700	
	AFN	B	EUR 1 =	AFN 86.8579	AFN 81.8450	AFN 83.8200	AFN 85.6533	
		S	EUR 1 =	AFN 87.1179	AFN 82.1050	AFN 84.0800	AFN 85.9133	
	Albania							
	Tirana 070	Albanian lek = 100 qindarka	M	USD 1 =	ALL 109.89	ALL 113.55	ALL 111.76	ALL 110.95
M			EUR 1 =	ALL 123.10	ALL 123.49	ALL 124.33	ALL 124.34	
ALL								
Algeria								
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 119.3708	DZD 128.3120	DZD 128.4593	DZD 129.2255	
		S	USD 1 =	DZD 119.3858	DZD 128.3270	DZD 128.4743	DZD 129.2405	
	DZD	B	EUR 1 =	DZD 133.6219	DZD 139.3853	DZD 142.9880	DZD 144.9135	
		S	EUR 1 =	DZD 133.6725	DZD 139.4273	DZD 143.0433	DZD 144.9820	
	Angola ¹							
	Luanda 330	Kwanza = 100 cêntimos AOA	M	USD 1 =	AOA 374.840	AOA 552.299	AOA 581.916	AOA 579.450
M			EUR 1 =	AOA 419.071	AOA 600.984	AOA 646.188	AOA 649.419	
Antigua and Barbuda								
St John's 459	East Caribbean dollar = 100 cents	2 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882	
		2 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169	
	XCD	V, B	EUR 1 =	XCD 3.0094	XCD 2.9237	XCD 2.9936	XCD 3.0102	
		V, S	EUR 1 =	XCD 3.0416	XCD 2.9549	XCD 3.0255	XCD 3.0424	
Argentina ¹								
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 48.0341	ARS 66.6400	ARS 68.3400	ARS 70.2600	
		S	USD 1 =	ARS 48.2341	ARS 66.8400	ARS 68.5400	ARS 70.4600	
	ARS	B	EUR 1 =	ARS 53.6198	ARS 72.8775	ARS 75.7139	ARS 78.8669	
		S	EUR 1 =	ARS 53.9640	ARS 73.2633	ARS 76.1068	ARS 79.2675	
	Armenia							
	Yerevan 077	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 480.30	AMD 479.28	AMD 483.91	AMD 482.36
M			EUR 1 =	AMD 537.96	AMD 520.74	AMD 533.66	AMD 540.44	
Aruba								
Oranjestad 474	Aruban florin = 100 cents	2 B	USD 1 =	AWG 1.78	AWG 1.78	AWG 1.78	AWG 1.78	
		2 S	USD 1 =	AWG 1.80	AWG 1.80	AWG 1.80	AWG 1.80	
	AWG	B	EUR 100 =	AWG 199.37	AWG 193.72	AWG 198.38	AWG 199.65	
		S	EUR 100 =	AWG 201.37	AWG 195.67	AWG 200.38	AWG 201.65	

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.6952	USD 0.6566	USD 0.6659	USD 0.6863
		M	AUD 1 =	EUR 0.6220	EUR 0.6043	EUR 0.5998	EUR 0.6111
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
Azerbaijan							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 1.7000	AZN 1.7000	AZN 1.7000	AZN 1.7000
		M	EUR 1 =	AZN 1.9044	AZN 1.8459	AZN 1.8873	AZN 1.9105
Bahamas							
Nassau 453	Bahamian dollar = 100 cents BSD	2 B	USD 1 =	BSD 0.9950	BSD 0.9950	BSD 0.9950	BSD 0.9950
		2 S	USD 1 =	BSD 1.0125	BSD 1.0125	BSD 1.0125	BSD 1.0125
		V, B	EUR 1 =	BSD 1.11390	BSD 1.08216	BSD 1.10803	BSD 1.11420
		V, S	EUR 1 =	BSD 1.13349	BSD 1.10120	BSD 1.12752	BSD 1.13380
Bahrain							
Manama 640	Bahraini dinar = 1,000 fils BHD	2 B	USD 1 =	BHD 0.37425	BHD 0.37425	BHD 0.37425	BHD 0.37425
		2 S	USD 1 =	BHD 0.37785	BHD 0.37785	BHD 0.37785	BHD 0.37785
		B	EUR 1 =	BHD 0.4095324	BHD 0.3980007	BHD 0.4167648 v	BHD 0.4114550
		S	EUR 1 =	BHD 0.4348643	BHD 0.4226193	BHD 0.4207738 v	BHD 0.4369050
Bangladesh ¹							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 84.4875	BDT 84.9500	BDT 84.9500	BDT 84.8500
		S	USD 1 =	BDT 84.4875	BDT 84.9500	BDT 84.9500	BDT 84.8500
		B	EUR 1 =	BDT 94.4087	BDT 92.3661	BDT 94.2775	BDT 95.3714
		S	EUR 1 =	BDT 94.4389	BDT 92.4001	BDT 94.2945	BDT 95.4053
Barbados							
Bridgetown 469	Barbados dollar = 100 cents BBD	2 B	USD 1 =	BBD 1.99375	BBD 1.99375	BBD 1.99375	BBD 1.99375
		2 S	USD 1 =	BBD 2.02768	BBD 2.02768	BBD 2.02768	BBD 2.02768
		B	EUR 1 =	BBD 2.22660	BBD 2.16577	BBD 2.20719	BBD 2.23626
		S	EUR 1 =	BBD 2.26834	BBD 2.20638	BBD 2.24857	BBD 2.27819
Belarus							
Minsk 073	Belarusian rouble = 100 kopecks BYN	M	USD 1 =	BYN 2.0921	BYN 2.4361	BYN 2.4100	BYN 2.4008
		M	EUR 1 =	BYN 2.3430	BYN 2.6502	BYN 2.6772	BYN 2.7036

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
Belize							
Belmopan 421	Belize dollar = 100 cents BZD	² B	USD 1 =	BZD 1.9825	BZD 1.9825	BZD 1.9825	BZD 1.9825
		² S	USD 1 =	BZD 2.0175	BZD 2.0175	BZD 2.0175	BZD 2.0175
	B	EUR 1 =	BZD 2.2193	BZD 2.1528	BZD 2.2043	BZD 2.2242	
		S	EUR 1 =	BZD 2.2585	BZD 2.1908	BZD 2.2433	BZD 2.2634
Benin ¹							
Porto-Novo Seat of government: Cotonou 284	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 603.123	XOF 589.042	XOF 585.780
		³	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Bermuda							
Hamilton 413	Bermudian dollar = 100 cents	² B	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
		² S	USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
	V, B	EUR 1 =	BMD 1.1150	BMD 1.0832	BMD 1.1091	BMD 1.1153	
	V, S	EUR 1 =	BMD 1.1243	BMD 1.0923	BMD 1.1184	BMD 1.1246	
Bhutan ¹							
Thimphu 675	Ngultrum = 100 chhetrum	B	USD 1 =	BTN 69.42	BTN 74.50	BTN 74.70	BTN 74.45
		S	USD 1 =	BTN 71.58	BTN 76.80	BTN 77.00	BTN 76.75
	B	EUR 1 =	BTN 77.58	BTN 80.85	BTN 82.20	BTN 83.45	
	S	EUR 1 =	BTN 79.73	BTN 83.10	BTN 84.45	BTN 85.75	
Bolivia, Plurinational State of							
Sucre Seat of government: La Paz 516	Boliviano = 100 centavos BOB	B	USD 1 =	BOB 6.86	BOB 6.86	BOB 6.86	BOB 6.86
		S	USD 1 =	BOB 6.96	BOB 6.96	BOB 6.96	BOB 6.96
		V, B	EUR 1 =	BOB 7.6777	BOB 7.4609	BOB 7.6393	BOB 7.6818
		V, S	EUR 1 =	BOB 7.7896	BOB 7.5697	BOB 7.7507	BOB 7.7938
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga	B	USD 1 =	BAM 1.745661	BAM 1.799428	BAM 1.771006	BAM 1.728944
		S	USD 1 =	BAM 1.754412	BAM 1.808448	BAM 1.779884	BAM 1.737610
	BAM	³	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583
Botswana							
Gaborone 391	Pula = 100 thebe	B	BWP 1 =	USD 0.0932	USD 0.0832	USD 0.0846	USD 0.0848
		S	BWP 1 =	USD 0.0930	USD 0.0830	USD 0.0844	USD 0.0846
	B	BWP 1 =	EUR 0.0832	EUR 0.0765	EUR 0.0760	EUR 0.0756	
	S	BWP 1 =	EUR 0.0830	EUR 0.0763	EUR 0.0759	EUR 0.0755	

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Brazil							
Brasília 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 3.9450	BRL 5.4264	BRL 5.4257	BRL 5.4754
		S	USD 1 =	BRL 3.9456	BRL 5.4270	BRL 5.4263	BRL 5.4760
	BRL	B	EUR 1 =	BRL 4.4095	BRL 5.9316	BRL 6.0258	BRL 6.1522
		S	EUR 1 =	BRL 4.4114	BRL 5.9333	BRL 6.0286	BRL 6.1539
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3544	BND 1.4036	BND 1.4071	BND 1.3839
		S	USD 1 =	BND 1.3727	BND 1.4218	BND 1.4279	BND 1.4021
	BND	B	EUR 1 =	BND 1.4998	BND 1.5061	BND 1.5426	BND 1.5368
		S	EUR 1 =	BND 1.5546	BND 1.5619	BND 1.5990	BND 1.5922
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.74707	BGN 1.79830	BGN 1.75631	BGN 1.74659
		2	EUR 1 =	BGN 1.95583	BGN 1.95583	BGN 1.95583	BGN 1.95583
Burkina Faso ¹							
Ouagadougou 236	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 603.123	XOF 589.042	XOF 585.780
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Burundi							
Gitega 328	Burundi franc = 100 centimes	B	USD 1 =	BIF 1,830.0200	BIF 1,889.3632	BIF 1,894.0752	BIF 1,899.6800
		S	USD 1 =	BIF 1,866.9901	BIF 1,919.8368	BIF 1,924.6248	BIF 1,930.3200
	BIF	B	EUR 1 =	BIF 2,048.8141	BIF 2,053.0765	BIF 2,103.0864	BIF 2,130.7761
		S	EUR 1 =	BIF 2,090.2042	BIF 2,086.1907	BIF 2,137.0071	BIF 2,165.1434
Cabo Verde							
Praia 247	Cabo Verde escudo = 100 centavos	B	USD 1 =	CVE 98.564	CVE 101.27346	CVE 99.99432	CVE 97.61701
		S	USD 1 =	CVE 98.766	CVE 101.47546	CVE 100.19632	CVE 97.81901
	CVE	2	EUR 1 =	CVE 110.265	CVE 110.265	CVE 110.265	CVE 110.265
Cambodia							
Phnom Penh 696	Riel = 100 sen KHR	M	USD 1 =	KHR 4,055	KHR 4,099	KHR 4,116	KHR 4,093
		B	EUR 1 =	KHR 4,538	KHR 4,454	KHR 4,558	KHR 4,602
	S	EUR 1 =	KHR 4,583	KHR 4,499	KHR 4,604	KHR 4,648	
Cameroon ¹							
Yaoundé 302	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 603.123	XAF 589.042	XAF 585.780
		2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Canada							
Ottawa 404	Canadian dollar = 100 cents CAD	M	USD 1 =	CAD 1.3269	CAD 1.3910	CAD 1.3787	CAD 1.3628
		M	EUR 1 =	CAD 1.4807	CAD 1.5186	CAD 1.5314	CAD 1.5305

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Cayman Islands							
George Town 463	Cayman Islands dollar = 100 cents KYD	2	KYD 1 =	USD 1.20	USD 1.20	USD 1.20	USD 1.20
		V	EUR 1 =	KYD 0.9329	KYD 0.9063	KYD 0.9280	KYD 0.9332
Central African Republic ¹							
Bangui 306	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 603.123	XAF 589.042	XAF 585.780
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chad ¹							
N'Djaména 244	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 603.123	XAF 589.042	XAF 585.780
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chile							
Santiago 512	Chilean peso = 100 centavos CLP	M	USD 1 =	CLP 704.01	CLP 836.62	CLP 812.74	CLP 816.36
		M	EUR 1 =	CLP 787.30	CLP 909.96	CLP 900.84	CLP 916.33
China							
Beijing 720	Chinese renminbi ⁴ 1 yuan (renminbi) = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.8999	CNY 7.0571	CNY 7.1316	CNY 7.0795
		M	EUR 1 =	CNY 7.7181	CNY 7.6744	CNY 7.8970	CNY 7.9610
		M	HKD 1 =	CNY 0.87996	CNY 0.91056	CNY 0.91989	CNY 0.91344
China (Taiwan)							
Taipei 736	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 30.830	TWD 29.690	TWD 29.970	TWD 29.580
		S	USD 1 =	TWD 30.930	TWD 29.790	TWD 30.070	TWD 29.680
		B	EUR 1 =	TWD 34.40	TWD 32.18	TWD 33.14	TWD 33.07
		S	EUR 1 =	TWD 34.80	TWD 32.58	TWD 33.54	TWD 33.47
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	M	USD 1 =	COP 3,285.734	COP 3,983.29	COP 3,723.42	COP 3,758.91
		V, M	EUR 1 =	COP 3,675.671	COP 4,332.226	COP 4,146.401	COP 4,209.227
Comoros							
Moroni 375	Comorian franc = 100 centimes KMF	V	USD 1 =	KMF 439.45310	KMF 452.34254	KMF 441.78138	KMF 439.33537
		3	EUR 1 =	KMF 491.96775	KMF 491.96775	KMF 491.96775	KMF 491.96775
Congo ¹							
Brazzaville 318	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 603.123	XAF 589.042	XAF 585.780
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957

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

² Value against the US dollar. ³ Value against the euro. ⁴ Currency amounts are denoted using the designation yuan (renminbi).

IV. Overview of world currencies *

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

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 1,615.5594	CDF 1,697.6304	CDF 1,781.6514	CDF 1,866.2622
		S	USD 1 =	CDF 1,681.6740	CDF 1,766.9214	CDF 1,854.3719	CDF 1,942.4362
	CDF	B	EUR 1 =	CDF 1,811.0131	CDF 1,840.8032	CDF 1,954.3550	CDF 2,094.4716
		S	EUR 1 =	CDF 1,884.9217	CDF 1,915.9381	CDF 2,034.1245	CDF 2,179.9602
Cook Islands ¹							
Avarua 837	Cook Islands dollar ² = 100 cents NZD	B	NZD 1 =	EUR 0.6042	EUR 0.5764	EUR 0.5701	EUR 0.5825
		S	NZD 1 =	EUR 0.5779	EUR 0.5546	EUR 0.5485	EUR 0.5605
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 582.03	CRC 564.42	CRC 570.22	CRC 577.51
		S	USD 1 =	CRC 588.40	CRC 571.46	CRC 576.93	CRC 583.49
	CRC	V, B	EUR 1 =	CRC 651.7240	CRC 613.8632	CRC 634.9970	CRC 646.6957
		V, S	EUR 1 =	CRC 658.8577	CRC 621.5199	CRC 642.4692	CRC 653.3921
Côte d'Ivoire ¹							
Yamoussoukro Seat of government: Abidjan 272	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 603.123	XOF 589.042	XOF 585.780
		³	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Croatia							
Zagreb 092	Kuna = 100 lipa	B	USD 1 =	HRK 6.601452	HRK 6.936857	HRK 6.869078	HRK 6.687498
		S	USD 1 =	HRK 6.641180	HRK 6.978603	HRK 6.910416	HRK 6.727744
	HRK	B	EUR 1 =	HRK 7.394331	HRK 7.529958	HRK 7.561480	HRK 7.536142
		S	EUR 1 =	HRK 7.438830	HRK 7.575274	HRK 7.606986	HRK 7.581494
Cuba ¹							
Havana 448	Convertible peso/ Cuban peso = 100 centavos	⁴ B	CUC 1 =	USD 1.01009	USD 1.01009	USD 1.01009	USD 1.01009
		⁴ S	CUC 1 =	USD 0.99010	USD 0.99010	USD 0.99010	USD 0.99010
	CUC/CUP	B	EUR 1 =	CUC 1.10740	CUC 1.07459	CUC 1.09548	CUC 1.11241
		S	EUR 1 =	CUC 1.12978	CUC 1.09631	CUC 1.11762	CUC 1.13489
Curaçao							
Willemstad 477	Netherlands Antillean guilder = 100 cents	⁴ B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		⁴ S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 199.40	ANG 193.72	ANG 198.39	ANG 199.66
		S	EUR 100 =	ANG 203.42	ANG 197.63	ANG 202.39	ANG 203.68
Cyprus							
Nicosia 600	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
Czechia							
Prague 061	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 22.934	CZK 24.915	CZK 24.168	CZK 23.879
		M	EUR 1 =	CZK 25.659	CZK 27.095	CZK 26.915	CZK 26.740

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 667.03	DKK 685.77	DKK 669.38	DKK 665.53
		M	EUR 100 =	DKK 746.59	DKK 745.84	DKK 745.42	DKK 745.26
Djibouti							
Djibouti 338	Djibouti franc = 100 centimes DJF	2 B	USD 1 =	DJF 176.832	DJF 176.832	DJF 176.832	DJF 176.832
		2 S	USD 1 =	DJF 179.498	DJF 179.498	DJF 179.498	DJF 179.498
		B	EUR 1 =	DJF 196.37	DJF 190.55	DJF 193.79	DJF 197.18
		S	EUR 1 =	DJF 203.98	DJF 197.98	DJF 203.36	DJF 204.88
Dominica							
Roseau 460	East Caribbean dollar = 100 cents XCD	2 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		2 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
		V, B	EUR 1 =	XCD 3.0094	XCD 2.9237	XCD 2.9936	XCD 3.0102
		V, S	EUR 1 =	XCD 3.0416	XCD 2.9549	XCD 3.0255	XCD 3.0424
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 50.9676	DOP 54.7762	DOP 57.3067	DOP 57.6887
		S	USD 1 =	DOP 51.4344	DOP 55.6584	DOP 58.3393	DOP 58.5078
		B	EUR 1 =	DOP 56.4612	DOP 58.7216	DOP 61.8013	DOP 64.3737
		S	EUR 1 =	DOP 59.8316	DOP 62.5564	DOP 66.0758	DOP 68.0258
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 16.7300	EGP 15.68	EGP 15.82	EGP 16.07
		S	USD 1 =	EGP 16.8300	EGP 15.78	EGP 15.92	EGP 16.17
		B	EUR 1 =	EGP 18.7034	EGP 17.0159	EGP 17.5143	EGP 17.9855
		S	EUR 1 =	EGP 18.8934	EGP 17.1860	EGP 17.7412	EGP 18.1945
El Salvador 1							
San Salvador 428	El Salvador colón = 100 centavos SVC	2	USD 1 =	SVC 8.75	SVC 8.75	SVC 8.75	SVC 8.75
		V, B / S	EUR 1 =	SVC 9.7956	SVC 9.5165	SVC 9.7440	SVC 9.7983
Equatorial Guinea 1							
Malabo 310	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 603.123	XAF 589.042	XAF 585.780
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Eritrea							
Asmara 336	Nakfa = 100 cents ERN	2 B	USD 1 =	ERN 15.00	ERN 15.00	ERN 15.00	ERN 15.00
		2 S	USD 1 =	ERN 15.15	ERN 15.15	ERN 15.15	ERN 15.15
		B	EUR 1 =	ERN 16.7610	ERN 16.2780	ERN 16.5105	ERN 16.9305
		S	EUR 1 =	ERN 17.3972	ERN 16.9142	ERN 17.1467	ERN 17.5667
Estonia							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Ethiopia							
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 29.2198	ETB 33.5347	ETB 34.1621	ETB 34.9263
		S	USD 1 =	ETB 29.8042	ETB 34.2054	ETB 34.8453	ETB 35.6248
	ETB	B	EUR 1 =	ETB 32.6752	ETB 36.3784	ETB 37.6501	ETB 39.2083
		S	EUR 1 =	ETB 33.3287	ETB 37.1060	ETB 38.4031	ETB 39.9925
Eswatini ¹							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 14.4713	SZL 18.1258	SZL 17.5196	SZL 17.2879
		S	USD 1 =	SZL 14.4789	SZL 18.1421	SZL 17.5297	SZL 17.2990
	SZL	B	EUR 1 =	SZL 16.19020	SZL 19.6909	SZL 19.4306	SZL 19.3994
		S	EUR 1 =	SZL 16.20051	SZL 19.7096	SZL 19.4456	SZL 19.4081
Falkland Islands (Islas Malvinas)							
Stanley 529	Falkland Islands pound ² = 100 pence FKP	V	USD 1 =	FKP 0.78407	FKP 0.79905	FKP 0.80898	FKP 0.81482
		V	EUR 1 =	FKP 0.87777	FKP 0.86905	FKP 0.90088	FKP 0.91243
Fiji							
Suva 815	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4715	USD 0.4563	USD 0.4595	USD 0.4675
		S	FJD 1 =	USD 0.4545	USD 0.4393	USD 0.4425	USD 0.4505
	FJD	B	FJD 1 =	EUR 0.4194	EUR 0.4172	EUR 0.4128	EUR 0.4139
		S	FJD 1 =	EUR 0.4074	EUR 0.4052	EUR 0.4008	EUR 0.4019
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
Gabon ¹							
Libreville 314	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 603.123	XAF 589.042	XAF 585.780
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Gambia							
Banjul 252	Dalasi = 100 bututs GMD	M	USD 1 =	GMD 50.10	GMD 51.13	GMD 51.46	GMD 51.57
		M	EUR 1 =	GMD 56.49	GMD 56.18	GMD 56.41	GMD 57.95
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 =	GEL 2.8241	GEL 3.2032	GEL 3.1761	GEL 3.0552
		M	EUR 1 =	GEL 3.1620	GEL 3.4748	GEL 3.5366	GEL 3.4466

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

IV. Overview of world currencies *

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

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas	B	USD 1 =	GHS 5.2480	GHS 5.5982	GHS 5.6175	GHS 5.6646
		S	USD 1 =	GHS 5.2532	GHS 5.6038	GHS 5.6231	GHS 5.6702
	B	EUR 1 =	GHS 5.8682	GHS 6.1256	GHS 6.2378	GHS 6.3577	
	S	EUR 1 =	GHS 5.8727	GHS 6.1296	GHS 6.2433	GHS 6.3649	
Gibraltar							
Gibraltar 044	Gibraltar pound ² = 100 pence GIP	V	USD 1 =	GIP 0.78407	GIP 0.79905	GIP 0.80898	GIP 0.81482
		V	EUR 1 =	GIP 0.87777	GIP 0.86905	GIP 0.90088	GIP 0.91243
Greece							
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
Grenada							
St George's 473	East Caribbean dollar = 100 cents	³ B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		³ S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	V, B	EUR 1 =	XCD 3.0094	XCD 2.9237	XCD 2.9936	XCD 3.0102	
	V, S	EUR 1 =	XCD 3.0416	XCD 2.9549	XCD 3.0255	XCD 3.0424	
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ	M	USD 1 =	GTQ 7.70380	GTQ 7.71244	GTQ 7.68949	GTQ 7.70026
		V, M	EUR 1 =	GTQ 8.62411	GTQ 8.38805	GTQ 8.56302	GTQ 8.62275
Guinea							
Conakry 260	Guinean franc GNF	M	USD 1 =	GNF 9,192.6286	GNF 9,405.5996	GNF 9,456.8475	GNF 9,527.6060
		M	EUR 1 =	GNF 10,296.1706	GNF 10,230.4694	GNF 10,394.0171	GNF 10,721.4168
Guinea-Bissau ¹							
Bissau 257	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 603.123	XOF 589.042	XOF 585.780
		4	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Guyana							
Georgetown 488	Guyana dollar = 100 cents	B	USD 1 =	GYD 207.98	GYD 207.98	GYD 207.98	GYD 207.98
		S	USD 1 =	GYD 210.45	GYD 210.45	GYD 210.45	GYD 210.45
	B	EUR 1 =	GYD 232.73	GYD 226.11	GYD 231.50	GYD 232.96	
	S	EUR 1 =	GYD 235.71	GYD 229.02	GYD 234.47	GYD 235.94	

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 89.3946	HTG 102.8348	HTG 108.9426	HTG 113.3133
		V, M	EUR 1 =	HTG 100.0195	HTG 111.8431	HTG 121.3185	HTG 126.8882
Honduras							
Tegucigalpa 424	Lempira = 100 centavos HNL	B	USD 1 =	HNL 24.5217	HNL 24.8196	HNL 24.8354	HNL 24.7149
		S	USD 1 =	HNL 24.6934	HNL 24.9933	HNL 25.0092	HNL 24.8879
		V, B	EUR 1 =	HNL 27.4496	HNL 26.9938	HNL 27.6567	HNL 27.6757
		V, S	EUR 1 =	HNL 27.6418	HNL 27.1827	HNL 27.8502	HNL 27.8695
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.80686	HKD 7.71950	HKD 7.72260	HKD 7.71910
		S	USD 1 =	HKD 7.86088	HKD 7.78220	HKD 7.78500	HKD 7.78140
		B	EUR 1 =	HKD 8.70052	HKD 8.33420	HKD 8.54040	HKD 8.60140
		S	EUR 1 =	HKD 8.82890	HKD 8.52100	HKD 8.72690	HKD 8.78780
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 290.65	HUF 324.28	HUF 313.35	HUF 317.83
		M	EUR 1 =	HUF 326.03	HUF 353.01	HUF 348.35	HUF 356.57
Iceland							
Reykjavik 024	Icelandic krona ISK	M	USD 1 =	ISK 122.437	ISK 146.42	ISK 135.42	ISK 138.58
		M	EUR 1 =	ISK 136.860	ISK 159.30	ISK 150.80	ISK 155.40
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	M	USD 1 =	INR 70.4119	INR 75.1150	INR 75.6369	INR 75.5270
		M	EUR 1 =	INR 78.8192	INR 81.6170	INR 83.9146	INR 84.6658
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 14,070.79	IDR 15,081.22	IDR 14,659.34	IDR 14,230.49
		S	USD 1 =	IDR 14,212.13	IDR 15,232.79	IDR 14,806.67	IDR 14,373.51
		B	EUR 1 =	IDR 15,736.06	IDR 16,384.24	IDR 16,248.41	IDR 15,999.34
		S	EUR 1 =	IDR 15,897.25	IDR 16,555.00	IDR 16,417.64	IDR 16,161.57
Iran, Islamic Republic of ¹							
Tehran 616	Iranian rial = 100 dinars IRR	² M	USD 1 =	IRR 42,000	IRR 42,000	IRR 42,000	IRR 42,000
		² M	EUR 1 =	IRR 47,002	IRR 45,617	IRR 46,642	IRR 47,215
		³ M	USD 1 =	IRR 127,350	IRR 162,700	IRR 176,000	IRR 206,000
		³ M	EUR 1 =	IRR 142,808	IRR 176,750	IRR 195,450	IRR 231,150

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Iraq ¹							
Baghdad 612	Iraqi dinar = 1,000 fils IQD	2 B	USD 1 =	IQD 1,182.00	IQD 1,182.00	IQD 1,182.00	IQD 1,182.00
			USD 1 =	IQD 1,190.00	IQD 1,190.00	IQD 1,190.00	
		B	EUR 1 =	IQD 1,322.806	IQD 1,285.543	IQD 1,300.200 ⁴	IQD 1,333.769
			EUR 1 =	IQD 1,331.759	IQD 1,294.244	IQD 1,309.000 ⁴	IQD 1,342.796
		3 S	USD 1 =	IQD 1,195.91	IQD 1,233.000	IQD 1,218.187 ⁴	IQD 1,224.324
V, S	EUR 1 =	IQD 1,338.75	IQD 1,341.01	IQD 1,340.01 ⁴	IQD 1,371.00		
Ireland							
Dublin 007	Euro = 100 cent EUR		M EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
Israel							
Jerusalem 624	New shekel = 100 agorot ILS		M USD 1 =	ILS 3.5643	ILS 3.5000	ILS 3.5020	ILS 3.4660
			M EUR 1 =	ILS 3.9816	ILS 3.8066	ILS 3.8534	ILS 3.8828
Italy							
Rome 005	Euro = 100 cent EUR		M EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
Jamaica							
Kingston 464	Jamaican dollar = 100 cents JMD	B	USD 1 =	JMD 132.5023	JMD 139.9696	JMD 143.4518	JMD 139.6168
			USD 1 =	JMD 134.1077	JMD 143.2263	JMD 144.0905	JMD 140.0885
		B	EUR 1 =	JMD 143.87390	JMD 146.7163	JMD 156.8101	JMD 153.5664
	S	EUR 1 =	JMD 150.12124	JMD 156.3280	JMD 163.4007	JMD 161.7597	
Japan							
Tokyo 732	Japanese yen = 100 sen JPY	B	USD 1 =	JPY 107.99	JPY 105.87	JPY 106.53	JPY 106.74
			USD 1 =	JPY 109.99	JPY 107.87	JPY 108.53	JPY 108.74
		B	EUR 1 =	JPY 120.65	JPY 114.50	JPY 117.63	JPY 119.58
			EUR 1 =	JPY 123.65	JPY 117.50	JPY 120.63	JPY 122.58
Jordan							
Amman 628	Jordanian dinar = 1,000 fils JOD	2 B	USD 1 =	JOD 0.7080	JOD 0.7080	JOD 0.7080	JOD 0.7080
			USD 1 =	JOD 0.7100	JOD 0.7100	JOD 0.7100	JOD 0.7100
		B	EUR 1 =	JOD 0.79156	JOD 0.77002 v	JOD 0.78376	JOD 0.79239
			EUR 1 =	JOD 0.79615	JOD 0.77220 v	JOD 0.79130	JOD 0.79889
Kazakhstan							
Nur-Sultan 079	Tenge = 100 tiyn KZT		M USD 1 =	KZT 382.96	KZT 429.41	KZT 411.54	KZT 403.83
			M EUR 1 =	KZT 428.91	KZT 466.08	KZT 458.13	KZT 455.12

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. ⁴ Exchange rate as of 21 May 2020.

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Kenya ¹							
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 102.0469	KES 107.1918	KES 106.8435	KES 106.4224
		S	USD 1 =	KES 102.2455	KES 107.3912	KES 107.0435	KES 106.6224
	KES	B	EUR 1 =	KES 114.0250	KES 116.2935	KES 117.6771	KES 120.0112
		S	EUR 1 =	KES 114.2775	KES 116.5388	KES 117.9359	KES 120.2688
Korea, Democratic People's Republic of ²							
Pyongyang 724	North Korean won = 100 chon	B	USD 1 =	KPW 107.60	KPW 109.08	KPW 108.46	KPW 107.17
		S	USD 1 =	KPW 108.67	KPW 110.17	KPW 109.54	KPW 108.24
	KPW	B	EUR 1 =	KPW 120.38	KPW 118.43	KPW 119.10	KPW 120.51
		S	EUR 1 =	KPW 121.58	KPW 119.61	KPW 120.29	KPW 121.71
Korea, Republic of							
Seoul 728	South Korean won = 100 chon	B	USD 1 =	KRW 1,155.48	KRW 1,212.10	KRW 1,225.90	KRW 1,191.30
		S	USD 1 =	KRW 1,178.07	KRW 1,235.90	KRW 1,250.10	KRW 1,214.70
	KRW	B	EUR 1 =	KRW 1,291.45	KRW 1,331.12	KRW 1,364.12	KRW 1,334.90
		S	EUR 1 =	KRW 1,317.53	KRW 1,358.00	KRW 1,391.66	KRW 1,361.86
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.30219	KWD 0.30515	KWD 0.30510	KWD 0.30650
		S	USD 1 =	KWD 0.30600	KWD 0.31325	KWD 0.31320	KWD 0.31010
	KWD	B	EUR 1 =	KWD 0.338360	KWD 0.331607	KWD 0.339515	KWD 0.343433
		S	EUR 1 =	KWD 0.342626	KWD 0.340409	KWD 0.348529	KWD 0.347467
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tyiyn KGS	M	USD 1 =	KGS 69.7811	KGS 78.9435	KGS 73.7678	KGS 75.9887
		M	EUR 1 =	KGS 78.1604	KGS 85.7879	KGS 82.0114	KGS 85.5177
Lao People's Democratic Republic							
Vientiane 684	Kip	B	USD 1 =	LAK 8,701	LAK 8,964	LAK 8,991	LAK 9,025
		S	USD 1 =	LAK 8,715	LAK 8,979	LAK 9,006	LAK 9,042
	LAK	B	EUR 1 =	LAK 9,722	LAK 9,726	LAK 9,951	LAK 10,137
		S	EUR 1 =	LAK 9,767	LAK 9,772	LAK 9,998	LAK 10,185
Latvia							
Riga 054	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
Lebanon ¹							
Beirut 604	Lebanese pound = 100 piastres LBP	M	USD 1 =	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50
		M	EUR 1 =	LBP 1,688.52	LBP 1,640.61	LBP 1,675.59	LBP 1,689.15
Lesotho ¹							
Maseru 395	Loti = 100 lisente LSL	M	USD 1 =	LSL 14.4518	LSL 18.1597	LSL 17.4302	LSL 17.3639
		M	EUR 1 =	LSL 16.1709	LSL 19.7441	LSL 19.1715	LSL 19.4746

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 As a rule, month-end data represent rates as at the first business day of the following month.

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents	B	USD 1 =	LRD 187.22	LRD 197.6636	LRD 197.9769	LRD 198.8396
		S	USD 1 =	LRD 188.53	LRD 199.0410	LRD 199.1942	LRD 199.9582
	LRD	V, B	EUR 1 =	LRD 209.3707	LRD 214.9789	LRD 220.4671	LRD 222.6606
		V, S	EUR 1 =	LRD 210.8311	LRD 216.4770	LRD 221.8227	LRD 223.9132
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham	B	USD 1 =	LYD 1.3950	LYD 1.4112	LYD 1.4061	LYD 1.4007
		S	USD 1 =	LYD 1.4020	LYD 1.4183	LYD 1.4132	LYD 1.4077
	LYD	B	EUR 1 =	LYD 1.5614	LYD 1.5332	LYD 1.5611	LYD 1.5711
		S	EUR 1 =	LYD 1.5692	LYD 1.5409	LYD 1.5689	LYD 1.5789
Lithuania							
Vilnius 055	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
Luxembourg							
Luxembourg 018	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
Macao ¹							
Macao 743	Pataca = 100 avos	B	USD 1 =	MOP 8.0632	MOP 7.9773	MOP 7.9809	MOP 7.9772
		S	USD 1 =	MOP 8.0857	MOP 7.9998	MOP 8.0034	MOP 7.9997
	MOP	B	EUR 1 =	MOP 9.0205	MOP 8.6422	MOP 8.8781	MOP 8.9498
		S	EUR 1 =	MOP 9.0590	MOP 8.6807	MOP 8.9166	MOP 8.9883
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 3,618.91	MGA 3,798.36	MGA 3,780.94	MGA 3,855.38
		M	EUR 1 =	MGA 4,047.48	MGA 4,118.53	MGA 4,177.07	MGA 4,328.15
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala	B	USD 1 =	MWK 730.0152	MWK 729.1495	MWK 729.7425	MWK 729.8923
		S	USD 1 =	MWK 748.8212	MWK 743.7311	MWK 743.8893	MWK 744.4887
	MWK	B	EUR 1 =	MWK 817.1855	MWK 792.5126	MWK 810.3060	MWK 818.5012
		S	EUR 1 =	MWK 838.2581	MWK 808.3613	MWK 826.0147	MWK 834.8696
Malaysia							
Kuala Lumpur Seat of government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 4.0795	MYR 4.2549	MYR 4.2787	MYR 4.2092
		S	USD 1 =	MYR 4.2010	MYR 4.4101	MYR 4.4223	MYR 4.3618
	MYR	B	EUR 1 =	MYR 4.5493	MYR 4.6106	MYR 4.7249	MYR 4.7217
		S	EUR 1 =	MYR 4.7219	MYR 4.8064	MYR 4.9148	MYR 4.9154

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Maldives							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.38	MVR 15.41	MVR 15.39	MVR 15.41
		V, M	EUR 1 =	MVR 17.21739	MVR 16.75992	MVR 17.13830	MVR 17.25612
Mali 1							
Bamako 232	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 603.123	XOF 589.042	XOF 585.780
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Malta							
Valletta 046	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
Mauritania							
Nouakchott 228	Ouguiya MRU	B	USD 1 =	MRU 36.66	MRU 37.54	MRU 37.66	MRU 37.45
		S	USD 1 =	MRU 37.02	MRU 37.91	MRU 38.03	MRU 37.82
		B	EUR 1 =	MRU 41.05	MRU 40.83	MRU 41.44	MRU 41.98
		S	EUR 1 =	MRU 41.46	MRU 41.24	MRU 41.85	MRU 42.41
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 35.1821	MUR 39.6863	MUR 39.5749	MUR 39.7097
		S	USD 1 =	MUR 36.0814	MUR 40.5857	MUR 40.4743	MUR 40.6093
		B	EUR 1 =	MUR 39.2334	MUR 42.9730	MUR 43.7812	MUR 44.4771
		S	EUR 1 =	MUR 40.3539	MUR 44.1435	MUR 44.9786	MUR 45.7042
Mexico							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 19.2133	MXN 24.0410	MXN 22.2070	MXN 22.9430
		S	USD 1 =	MXN 19.2189	MXN 24.0610	MXN 22.2240	MXN 22.9570
		V, B	EUR 1 =	MXN 21.6387	MXN 26.1470	MXN 24.7297	MXN 25.6916
		V, S	EUR 1 =	MXN 21.6451	MXN 26.1687	MXN 24.7486	MXN 25.7072
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 17.5804	MDL 17.8976	MDL 17.6277	MDL 17.2276
		M	EUR 1 =	MDL 19.6863	MDL 19.4180	MDL 19.4009	MDL 19.4440
Mongolia							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 2,666.78	MNT 2,788.91	MNT 2,805.97	MNT 2,823.89
		M	EUR 1 =	MNT 2,985.10	MNT 3,035.31	MNT 3,115.89	MNT 3,169.39
Morocco							
Rabat 204	Moroccan dirham = 100 centimes MAD	M	USD 1 =	MAD 9.6194	MAD 9.8999	MAD 9.7757	MAD 9.7195
		M	EUR 1 =	MAD 10.7721	MAD 10.7652	MAD 10.8911	MAD 10.8965

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Mozambique							
Maputo 366	Metical = 100 centavos	B	USD 1 =	MZN 61.93	MZN 67.16	MZN 68.63	MZN 69.42
		S	USD 1 =	MZN 63.14	MZN 68.49	MZN 70.00	MZN 70.80
	MZN	B	EUR 1 =	MZN 69.27	MZN 73.02	MZN 76.29	MZN 77.80
		S	EUR 1 =	MZN 70.63	MZN 74.47	MZN 77.81	MZN 79.35
Myanmar							
Nay Pyi Taw 676	Kyat = 100 pyas MMK	M	USD 1 =	MMK 1,515.79	MMK 1,410.90	MMK 1,401.00	MMK 1,375.30
		M	EUR 1 =	MMK 1,696.96	MMK 1,532.90	MMK 1,557.20	MMK 1,543.80
Namibia ¹							
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 14.4649	NAD 18.1270	NAD 17.5366	NAD 17.3147
		M	EUR 1 =	NAD 16.1826	NAD 19.6865	NAD 19.4536	NAD 19.4192
Nepal							
Kathmandu 672	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 112.39	NPR 120.81	NPR 120.90	NPR 120.64
		S	USD 1 =	NPR 112.99	NPR 121.41	NPR 121.50	NPR 121.24
	NPR	B	EUR 1 =	NPR 125.65	NPR 131.33	NPR 133.04	NPR 136.06
		S	EUR 1 =	NPR 126.32	NPR 131.98	NPR 133.70	NPR 136.73
Netherlands							
Amsterdam Seat of government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
New Caledonia ¹							
Nouméa 809	CFP franc XPF	V	XPF 1,000 =	USD 9.38	USD 9.11	USD 9.33	USD 9.38
		2	XPF 1,000 =	EUR 8.38	EUR 8.38	EUR 8.38	EUR 8.38
New Zealand							
Wellington 804	New Zealand dollar = 100 cents	B	NZD 1 =	USD 0.6742	USD 0.6259	USD 0.6326	USD 0.6546
		S	NZD 1 =	USD 0.6499	USD 0.6023	USD 0.6088	USD 0.6299
	NZD	B	NZD 1 =	EUR 0.6042	EUR 0.5764	EUR 0.5701	EUR 0.5825
		S	NZD 1 =	EUR 0.5779	EUR 0.5546	EUR 0.5485	EUR 0.5605
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 33.1826	NIO 34.1704	NIO 34.2560	NIO 34.3391
		V, M	EUR 1 =	NIO 37.14094	NIO 37.16373	NIO 38.14748	NIO 38.45292

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Niger ¹							
Niamey 240	CFA franc	V	USD 1 =	XOF 585.937	XOF 603.123	XOF 589.042	XOF 585.780
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Nigeria ¹							
Abuja 288	Naira = 100 kobo	B	USD 1 =	NGN 305.93	NGN 360.00	NGN 360.00	NGN 360.00
		S	USD 1 =	NGN 306.93	NGN 361.00	NGN 361.00	NGN 361.00
	NGN	B	EUR 1 =	NGN 342.6227	NGN 391.4280	NGN 400.8960	NGN 403.1640
		S	EUR 1 =	NGN 343.7427	NGN 392.5153	NGN 402.0096	NGN 404.2839
North Macedonia							
Skopje 096	North Macedonia denar = 100 deni	B	USD 1 =	MKD 54.6710	MKD 56.6191	MKD 55.7276	MKD 54.4014
		S	USD 1 =	MKD 55.2205	MKD 57.1881	MKD 56.2876	MKD 54.9482
	MKD	B	EUR 1 =	MKD 61.2040	MKD 61.3864	MKD 61.3895	MKD 61.3865
		S	EUR 1 =	MKD 61.8191	MKD 62.0034	MKD 62.0065	MKD 62.0035
Norway							
Oslo 028	Norwegian krone = 100 øre	B	USD 1 =	NOK 8.7713	NOK 10.2815	NOK 9.7274	NOK 9.7181
		S	USD 1 =	NOK 8.8400	NOK 10.3535	NOK 9.7994	NOK 9.7901
	NOK	B	EUR 1 =	NOK 9.8140	NOK 11.1874	NOK 10.7978	NOK 10.8907
		S	EUR 1 =	NOK 9.8901	NOK 11.2664	NOK 10.8768	NOK 10.9697
Oman							
Muscat 649	Rial Omani = 1,000 baisa	3 B	USD 1 =	OMR 0.3840	OMR 0.3840	OMR 0.3840	OMR 0.3840
		3 S	USD 1 =	OMR 0.3850	OMR 0.3850	OMR 0.3850	OMR 0.3850
	OMR	B	EUR 1 =	OMR 0.4299008	OMR 0.4169856	OMR 0.4264704	OMR 0.4316544
		S	EUR 1 =	OMR 0.4310973	OMR 0.4181485	OMR 0.4276580	OMR 0.4328555
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa	B	USD 1 =	PKR 150.06	PKR 161.70	PKR 161.85	PKR 168.25
		S	USD 1 =	PKR 150.56	PKR 162.20	PKR 162.35	PKR 168.75
	PKR	B	EUR 1 =	PKR 167.98	PKR 175.64	PKR 179.47	PKR 189.11
		S	EUR 1 =	PKR 168.56	PKR 176.51	PKR 180.05	PKR 189.73
Panama ¹							
Panama City 442	Balboa = 100 centésimos	4	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
	PAB	V	EUR 1 =	PAB 1.1195	PAB 1.0876	PAB 1.1136	PAB 1.1198
Papua New Guinea							
Port Moresby 801	Kina = 100 toea	B	PGK 1 =	USD 0.3026	USD 0.2985	USD 0.2975	USD 0.2965
		S	PGK 1 =	USD 0.2876	USD 0.2835	USD 0.2825	USD 0.2815
	PGK	B	PGK 1 =	EUR 0.2669	EUR 0.2680	EUR 0.2623	EUR 0.2574
		S	PGK 1 =	EUR 0.2519	EUR 0.2530	EUR 0.2473	EUR 0.2424

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Paraguay							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 6,237.82	PYG 6,495.88	PYG 6,628.65	PYG 6,793.79
		S	USD 1 =	PYG 6,252.06	PYG 6,505.01	PYG 6,666.59	PYG 6,820.47
	PYG	V, B	EUR 1 =	PYG 6,978.71	PYG 7,064.92	PYG 7,381.66	PYG 7,607.69
		V, S	EUR 1 =	PYG 6,994.63	PYG 7,074.85	PYG 7,423.91	PYG 7,637.56
Peru							
Lima 504	Sol = 100 céntimos	B	USD 1 =	PEN 3.333	PEN 3.376	PEN 3.429	PEN 3.534
		S	USD 1 =	PEN 3.337	PEN 3.383	PEN 3.434	PEN 3.541
	PEN	B	EUR 1 =	PEN 3.690	PEN 3.469	PEN 3.675	PEN 3.913
		S	EUR 1 =	PEN 3.840	PEN 3.965	PEN 3.931	PEN 4.139
Philippines							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 51.41	PHP 50.20	PHP 50.30	PHP 49.50
		S	USD 1 =	PHP 51.91	PHP 50.70	PHP 50.80	PHP 50.00
	PHP	B	EUR 1 =	PHP 55.8464	PHP 53.0562	PHP 54.2290	PHP 54.1278
		S	EUR 1 =	PHP 59.1191	PHP 56.1876	PHP 57.4266	PHP 57.3429
Poland							
Warsaw 060	Polish zloty = 100 groszy PLN	M	USD 1 =	PLN 3.8399	PLN 4.1729	PLN 4.0031	PLN 3.9806
		M	EUR 1 =	PLN 4.3018	PLN 4.5424	PLN 4.4503	PLN 4.4660
Portugal							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
Qatar							
Doha 644	Qatari riyal = 100 dirham QAR	²	USD 1 =	QAR 3.6400	QAR 3.6400	QAR 3.6400	QAR 3.6400
		V, M	EUR 1 =	QAR 4.0748	QAR 3.9589	QAR 4.0535	QAR 4.0761
Romania							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 4.2393	RON 4.4541	RON 4.3517	RON 4.3233
		M	EUR 1 =	RON 4.7509	RON 4.8421	RON 4.8426	RON 4.8423
Russian Federation							
Moscow 075	Russian rouble = 100 kopecks RUB	M	USD 1 =	RUB 64.6375	RUB 73.6894	RUB 70.7520	RUB 69.9513
		M	EUR 1 =	RUB 72.0631	RUB 80.0488	RUB 78.5489	RUB 78.6812

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 891.345390	RWF 922.484270	RWF 924.309268	RWF 927.800097
		S	USD 1 =	RWF 909.170498	RWF 940.932092	RWF 942.793586	RWF 946.354225
	RWF	B	EUR 1 =	RWF 998.412161	RWF 1,001.817917	RWF 1,025.382486	RWF 1,042.717417
		S	EUR 1 =	RWF 1,018.378388	RWF 1,021.852252	RWF 1,045.888065	RWF 1,063.569659
Saint Helena, Ascension and Tristan da Cunha							
Jamestown 329	Saint Helena pound 2 = 100 pence SHP	V	USD 1 =	SHP 0.78407	SHP 0.79905	SHP 0.80898	SHP 0.81482
		V	EUR 1 =	SHP 0.87777	SHP 0.86905	SHP 0.90088	SHP 0.91243
Saint Kitts and Nevis							
Basseterre 449	East Caribbean dollar = 100 cents	3 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		3 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.0094	XCD 2.9237	XCD 2.9936	XCD 3.0102
		V, S	EUR 1 =	XCD 3.0416	XCD 2.9549	XCD 3.0255	XCD 3.0424
Saint Lucia							
Castries 465	East Caribbean dollar = 100 cents	3 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		3 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.0094	XCD 2.9237	XCD 2.9936	XCD 3.0102
		V, S	EUR 1 =	XCD 3.0416	XCD 2.9549	XCD 3.0255	XCD 3.0424
Saint Vincent and the Grenadines							
Kingstown 467	East Caribbean dollar = 100 cents	3 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		3 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.0094	XCD 2.9237	XCD 2.9936	XCD 3.0102
		V, S	EUR 1 =	XCD 3.0416	XCD 2.9549	XCD 3.0255	XCD 3.0424
Samoa							
Apia 819	Tala = 100 sene WST	M	WST 1 =	USD 0.37749	USD 0.36437	USD 0.36719	USD 0.37326
		M	WST 1 =	EUR 0.33756	EUR 0.33513	EUR 0.33138	EUR 0.33236
Sao Tome and Principe							
São Tomé 311	Dobra = 100 cêntimos	B	USD 1 =	STN 21.9193	STN 22.5973	STN 22.2404	STN 21.7122
		S	USD 1 =	STN 22.2481	STN 22.9363	STN 22.5740	STN 22.0378
	STN	4	EUR 1 =	STN 24.5000	STN 24.5000	STN 24.5000	STN 24.5000
Saudi Arabia							
Riyadh 632	Saudi riyal = 100 halalah SAR	3 M	USD 1 =	SAR 3.75	SAR 3.75	SAR 3.75	SAR 3.75
		M	EUR 1 =	SAR 4.1937	SAR 4.0701	SAR 4.1713	SAR 4.2172

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Senegal ¹							
Dakar 248	CFA franc	V	USD 1 =	XOF 585.937	XOF 603.123	XOF 589.042	XOF 585.780
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Serbia							
Belgrade 098	Serbian dinar = 100 para	B	USD 1 =	RSD 104.8908	RSD 107.9402	RSD 105.6172	RSD 104.3190
		S	USD 1 =	RSD 105.5220	RSD 108.5898	RSD 106.2528	RSD 104.9468
	RSD	B	EUR 1 =	RSD 117.4979	RSD 117.2446	RSD 117.2350	RSD 117.2233
		S	EUR 1 =	RSD 118.2050	RSD 117.9502	RSD 117.9406	RSD 117.9287
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 13.8783	SCR 17.5784	SCR 17.5257	SCR 17.7357
		S	USD 1 =	SCR 14.1605	SCR 18.1757	SCR 18.3470	SCR 18.3078
	SCR	B	EUR 1 =	SCR 15.5377	SCR 19.4820	SCR 19.7531	SCR 20.0672
		S	EUR 1 =	SCR 15.8662	SCR 19.7494	SCR 20.2945	SCR 20.5542
Sierra Leone							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 8,966.53	SLL 9,595.01	SLL 9,622.05	SLL 9,644.04
		S	USD 1 =	SLL 9,147.67	SLL 9,788.85	SLL 9,816.44	SLL 9,838.87
	SLL	B	EUR 1 =	SLL 10,031.56	SLL 10,441.01	SLL 10,698.90	SLL 10,813.28
		S	EUR 1 =	SLL 10,231.12	SLL 10,651.64	SLL 10,911.69	SLL 11,030.62
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.3632	SGD 1.4108	SGD 1.4143	SGD 1.3932
		M	EUR 1 =	SGD 1.5255	SGD 1.5326	SGD 1.5685	SGD 1.5658
Sint Maarten (southern part)							
Philipsburg 479	Netherlands Antillean guilder = 100 cents	³ B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		³ S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 199.40	ANG 193.72	ANG 198.39	ANG 199.66
		S	EUR 100 =	ANG 203.42	ANG 197.63	ANG 202.39	ANG 203.68
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents SBD	M	SBD 1 =	USD 0.1223	USD 0.1200	USD 0.1193	USD 0.1205
		M	SBD 1 =	EUR 0.10934	EUR 0.11060	EUR 0.10780	EUR 0.10720

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Somalia ¹							
Mogadishu 342	Somali shilling	M	USD 1 =	.	.	.	.
	SOS	M	EUR 1 =	.	.	.	.
South Africa							
Pretoria Seat of parliament: Cape Town 388	South African rand = 100 cents	B	USD 1 =	ZAR 14.2613	ZAR 18.0960	ZAR 17.3340	ZAR 17.1988
		S	USD 1 =	ZAR 14.5788	ZAR 18.4135	ZAR 17.6515	ZAR 17.5163
	ZAR	B	EUR 1 =	ZAR 15.9161	ZAR 19.6122	ZAR 19.2484	ZAR 19.2656
		S	EUR 1 =	ZAR 16.3500	ZAR 20.0428	ZAR 19.6831	ZAR 19.7013
South Sudan							
Juba 225	South Sudanese pound = 100 piastres	M	USD 1 =	SSP 158.2581	SSP 162.1625	SSP .	SSP 163.7759
		M	EUR 1 =	SSP 176.9669	SSP 175.6222	SSP .	SSP 184.3628
Spain							
Madrid 011	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.0876	USD 1.1136	USD 1.1198
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 176.7092	LKR 190.4200	LKR 183.5200	LKR 183.8100
		S	USD 1 =	LKR 180.4863	LKR 195.8200	LKR 188.6200	LKR 188.5100
	LKR	B	EUR 1 =	LKR 196.6569	LKR 205.9998	LKR 202.4524	LKR 205.6481
		S	EUR 1 =	LKR 203.5266	LKR 213.8391	LKR 210.1916	LKR 213.0910
Sudan							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 45.6250	SDG 55.0000	SDG 55.0000	SDG 55.0000
		S	USD 1 =	SDG 45.8531	SDG 55.2750	SDG 55.2750	SDG 55.2750
	SDG	B	EUR 1 =	SDG 51.0877	SDG 59.7289	SDG 61.0880	SDG 61.7128
		S	EUR 1 =	SDG 51.3431	SDG 60.0275	SDG 61.3934	SDG 62.0213
Suriname							
Paramaribo 492	Suriname dollar = 100 cents	B	USD 1 =	SRD 7.396	SRD 7.396	SRD 7.396	SRD 7.396
		S	USD 1 =	SRD 7.520	SRD 7.520	SRD 7.520	SRD 7.520
	SRD	B	EUR 1 =	SRD 8.266	SRD 8.019	SRD 8.147	SRD 8.346
		S	EUR 1 =	SRD 8.399	SRD 8.154	SRD 8.284	SRD 8.486
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 9.4073	SEK 9.7938	SEK 9.4157	SEK 9.2965
		S	USD 1 =	SEK 9.5123	SEK 9.8988	SEK 9.5207	SEK 9.4015
	SEK	B	EUR 1 =	SEK 10.5298	SEK 10.6478	SEK 10.4595	SEK 10.4229
		S	EUR 1 =	SEK 10.6448	SEK 10.7628	SEK 10.5745	SEK 10.5379

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Switzerland							
Berne 039	Swiss franc = 100 rappen/centimes CHF	B	USD 1 =	CHF 0.9937	CHF 0.9712	CHF 0.9618	CHF 0.9518
		B	EUR 1 =	CHF 1.1110	CHF 1.0569	CHF 1.0693	CHF 1.0679
Syrian Arab Republic ¹							
Damascus 608	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 434.50	SYP .	SYP .	SYP 1,250.00 ²
		S	USD 1 =	SYP 438.17	SYP .	SYP .	SYP 1,262.50 ²
		B	EUR 1 =	SYP 486.83	SYP .	SYP .	SYP 1,408.00 ²
		S	EUR 1 =	SYP 490.98	SYP .	SYP .	SYP 1,422.08 ²
Tajikistan							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 9.5330	TJS 10.2433	TJS 10.2685	TJS 10.3084
		M	EUR 1 =	TJS 10.6743	TJS 11.1058	TJS 11.4247	TJS 11.5640
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 2,277.1609	TZS 2,279.8812	TZS 2,280.4752	TZS 2,285.0891
		S	USD 1 =	TZS 2,299.9325	TZS 2,302.6800	TZS 2,303.2800	TZS 2,307.9400
		B	EUR 1 =	TZS 2,545.4570	TZS 2,472.0752	TZS 2,509.8911	TZS 2,575.5239
		S	EUR 1 =	TZS 2,571.5823	TZS 2,497.4867	TZS 2,535.9113	TZS 2,601.9716
Thailand							
Bangkok 680	Thai baht = 100 satang THB	B	USD 1 =	THB 30.8348	THB 32.2104	THB 31.6722	THB 30.7151
		S	USD 1 =	THB 31.1759	THB 32.5458	THB 32.0178	THB 31.0658
		B	EUR 1 =	THB 34.2893	THB 34.7942	THB 34.9135	THB 34.3318
		S	EUR 1 =	THB 34.9954	THB 35.5366	THB 35.6533	THB 35.0711
Togo ¹							
Lomé 280	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 603.123	XOF 589.042	XOF 585.780
		3	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Tonga							
Nuku'alofa 817	Pa'anga = 100 seniti TOP	M	TOP 1 =	USD 0.4368	USD 0.4337	USD 0.4367	USD 0.4361
		M	TOP 1 =	EUR 0.3896	EUR 0.3977	EUR 0.3934	EUR 0.3870
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.7302	TTD 6.6943	TTD 6.6700	TTD 6.7246
		S	USD 1 =	TTD 6.7710	TTD 6.7545	TTD 6.7622	TTD 6.7553
		B	EUR 1 =	TTD 7.5084	TTD 7.2964	TTD 7.3905	TTD 7.2541
		S	EUR 1 =	TTD 8.0404	TTD 7.7869	TTD 7.9053	TTD 8.6152

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 50. ¹ See Explanatory notes on individual countries, pp. 53 ff. ² Exchange rate as of 2 July 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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes	B S	USD 1 =	TND 2.9209	TND 2.8963	TND 2.8592	TND 2.8577
			USD 1 =	TND 2.9238	TND 2.8991	TND 2.8621	TND 2.8606
	TND	B S	EUR 1 =	TND 3.2721	TND 3.1496	TND 3.1848	TND 3.2052
			EUR 1 =	TND 3.2754	TND 3.1528	TND 3.1879	TND 3.2085
Turkey							
Ankara 052	Turkish lira = 100 kuruş	B S	USD 1 =	TRY 5.6666	TRY 6.9787	TRY 6.7894	TRY 6.8422
			USD 1 =	TRY 5.6768	TRY 6.9913	TRY 6.8016	TRY 6.8545
	TRY	B S	EUR 1 =	TRY 6.3544	TRY 7.5764	TRY 7.4738	TRY 7.7082
			EUR 1 =	TRY 6.3659	TRY 7.5901	TRY 7.4872	TRY 7.7221
Turkmenistan ¹							
Ashgabat 080	Turkmen manat = 100 tenge TMT	2	USD 1 =	TMT 3.50	TMT 3.50	TMT 3.50	TMT 3.50
		M	EUR 1 =	TMT 3.9183	TMT 3.8038	TMT 3.8955	TMT 3.9382
Uganda							
Kampala 350	Uganda shilling	B S	USD 1 =	UGX 3,697.34	UGX 3,806.29	UGX 3,779.79	UGX 3,725.33
			USD 1 =	UGX 3,707.34	UGX 3,816.29	UGX 3,789.79	UGX 3,735.33
	UGX	B S	EUR 1 =	UGX 4,132.84	UGX 4,124.71825	UGX 4,148.60059	UGX 4,173.57159
			EUR 1 =	UGX 4,144.01	UGX 4,135.55483	UGX 4,159.57634	UGX 4,184.77482
Ukraine							
Kyiv 072	Hryvnia = 100 kopiyok UAH	M	USD 1 =	UAH 25.8236	UAH 26.9714	UAH 26.9059	UAH 26.6922
		M	EUR 1 =	UAH 28.9192	UAH 29.2424	UAH 29.6234	UAH 29.9500
United Arab Emirates ¹							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils AED	2	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
		V, M	EUR 1 =	AED 4.1112	AED 3.9942	AED 4.0897	AED 4.1125
United Kingdom ¹							
London 006	Pound sterling = 100 pence GBP	M	GBP 1 =	USD 1.2766	USD 1.2613	USD 1.2368	USD 1.2359
		M	EUR 1 =	GBP 0.8743	GBP 0.8685	GBP 0.8994	GBP 0.9089
United States							
Washington 400	US dollar = 100 cents USD	M	EUR 1 =	USD 1.11753	USD 1.0955	USD 1.1098	USD 1.1231
		M	GBP 1 =	USD 1.27613	USD 1.2592	USD 1.2344	USD 1.2399

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 2019	Rate at end of month		
					April 2020	May 2020	June 2020
Uruguay							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 35.277	UYU 42.257	UYU 43.308	UYU 42.212
		M	EUR 1 =	UYU 39.4599	UYU 46.2883	UYU 48.0307	UYU 47.4252
Uzbekistan							
Tashkent 081	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 8,853.99	UZS 10,130.00	UZS 10,139.30	UZS 10,173.38
		M	EUR 1 =	UZS 9,907.42	UZS 10,960.66	UZS 11,051.84	UZS 11,411.48
Vanuatu							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 112.90	VUV 116.96	VUV 116.26	VUV 113.87
		S	USD 1 =	VUV 120.29	VUV 124.70	VUV 123.65	VUV 121.12
		B	EUR 1 =	VUV 127.17	VUV 128.33	VUV 129.77	VUV 128.99
		S	EUR 1 =	VUV 132.41	VUV 133.61	VUV 135.01	VUV 134.20
Venezuela, Bolivarian Republic of ¹							
Caracas 484	Bolívar Soberano = 100 céntimos VES	B	USD 1 =	VES 15,870.42	VES 176,096.70	VES 197,615.31	VES 203,906.65
		S	USD 1 =	VES 15,910.20	VES 176,538.04	VES 198,110.59	VES 204,417.69
		B	EUR 1 =	VES 17,630.66	VES 192,792.42	VES 219,821.35	VES 229,048.34
		S	EUR 1 =	VES 17,676.40	VES 193,275.61	VES 220,372.28	VES 229,622.39
Viet Nam							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 23,173	VND 23,330	VND 23,190	VND 23,120
		S	USD 1 =	VND 23,286	VND 23,510	VND 23,370	VND 23,300
		B	EUR 1 =	VND 25,841.32	VND 25,011.93	VND 25,410.17	VND 25,614.81
		S	EUR 1 =	VND 26,611.82	VND 26,024.47	VND 26,438.96	VND 26,651.95
Yemen							
Sana'a 653	Yemeni rial = 100 fils YER	B	USD 1 =	YER 250.00	YER 250.00	YER 250.00	YER 250.00
		S	USD 1 =	YER 250.50	YER 250.50	YER 250.50	YER 250.50
		B	EUR 1 =	YER 279.90	YER 271.79	YER 274.15	YER 280.83
		S	EUR 1 =	YER 280.46	YER 272.33	YER 274.70	YER 281.39
Zambia							
Lusaka 378	Kwacha = 100 ngwee ZMW	B	USD 1 =	ZMW 12.9734	ZMW 18.5922	ZMW 18.2836	ZMW 18.1184
		S	USD 1 =	ZMW 13.0234	ZMW 18.6422	ZMW 18.3336	ZMW 18.1684
		B	EUR 1 =	ZMW 14.5150	ZMW 20.2134	ZMW 20.3533	ZMW 20.3216
		S	EUR 1 =	ZMW 14.5761	ZMW 20.2752	ZMW 20.4163	ZMW 20.3850
Zimbabwe ¹							
Harare 382	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =	ZWL 9.49651 ²	ZWL 25.00000	ZWL 25.00000	ZWL 57.35820 ¹
		M	EUR 1 =	ZWL 10.51168 ²	ZWL 27.15500	ZWL 27.75500	ZWL 64.41895 ¹

IV. Overview of world currencies*

2. Exchange rates of the US dollar against major currencies



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

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

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

Period	US dollar USD	Euro EUR	Chinese yuan renminbi CNY	Japanese yen JPY	Pound sterling GBP	Canadian dollar CAD	Swiss franc CHF	Danish krone DKK	Norwegian krone NOK	Swedish krona SEK
2005	1.42927	1.21155	11.5345	168.610	0.830055	1.66418	1.87848	9.03881	9.67427	11.3363
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
2018 July	1.40487	1.19706	9.59647	155.898	1.06728	1.82872	1.38822	8.91798	11.4126	12.2955
Aug.	1.40139	1.20280	9.57341	155.554	1.07754	1.82016	1.35409	8.96789	11.6851	12.7588
Sep.	1.39525	1.20530	9.60126	158.319	1.06990	1.82898	1.36232	8.98723	11.4099	12.3582
Oct.	1.38213	1.22118	9.63577	156.512	1.08198	1.81639	1.38945	9.11170	11.6657	12.6669
Nov.	1.38323	1.21773	9.60412	156.899	1.08446	1.83983	1.38053	9.08694	11.8607	12.5719
Dec.	1.39079	1.21424	9.53107	154.141	1.09550	1.89153	1.36451	9.06709	12.1106	12.4768
2019 Jan.	1.40070	1.21927	9.39364	152.564	1.06683	1.84108	1.39089	9.10274	11.7810	12.6277
Feb.	1.39798	1.22458	9.35008	155.021	1.05087	1.84099	1.38854	9.13676	11.9112	12.9179
Mar.	1.38825	1.23565	9.33053	153.985	1.05929	1.85512	1.38256	9.22441	11.9351	12.8859
Apr.	1.38576	1.23530	9.34152	154.789	1.06511	1.86011	1.41237	9.22101	11.9426	13.1801
May	1.37762	1.23542	9.51040	150.615	1.09504	1.86351	1.38444	9.22739	12.0966	13.1570
June	1.39021	1.22163	9.54627	149.698	1.09573	1.81937	1.35532	9.11768	11.8422	12.8891
July	1.37542	1.23345	9.46755	149.315	1.13063	1.80840	1.36159	9.21065	12.0604	13.1541
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
2020 May 20	1.36523	1.24588	9.70525	147.418	1.11270	1.89658	1.31915	9.28988	13.5507	13.2022
21	1.36589	1.24171	9.69678	147.147	1.11692	1.90336	.	.	.	.
22	1.36187	1.24896	9.71676	146.728	1.11761	1.90866	1.32367	.	13.6234	13.1803
26	1.36482	1.24357	9.73937	147.059	1.10889	1.88399	1.32107	9.27171	13.5479	13.1618
27	1.36697	1.24371	9.78732	146.976	1.10811	1.88368	1.32473	9.27592	13.4673	13.1699
28	1.36556	1.23962	9.77240	147.303	1.11584	1.87956	.	9.24061	13.4564	13.1173
29	1.37202	1.23206	9.80488	146.998	1.11329	1.89160	1.31940	9.18400	13.2914	12.9906
June 1	1.37125	1.23358	9.75791	147.752	1.10754	1.86901	.	.	.	12.8608
2	1.37585	1.23130	9.79307	147.987	1.09543	1.85947	1.32337	9.17819	13.1500	12.8937
3	1.37633	1.22953	9.78263	149.538	1.09350	1.85859	1.32589	9.16565	13.1285	12.7562
4	1.37553	1.22270	9.79403	149.933	1.09744	1.85807	1.32065	9.11610	12.9665	12.8391
5	1.38164	1.21945	9.79633	150.778	1.09346	1.85540	1.32326	.	12.8534	12.6437
8	1.37967	1.22257	9.76267	151.019	1.09173	1.84642	1.32876	9.11494	12.7885	12.6876
9	1.38113	1.22289	9.78148	149.300	1.09228	1.85389	1.31767	9.11876	12.8915	12.7752
10	1.38681	1.21917	9.80527	149.082	1.08595	1.85694	1.31199	9.08926	12.8480	12.7313
11	1.38656	1.22186	9.80758	148.223	1.09312	1.87921	1.30677	9.10888	13.0983	12.7847
12	1.38255	1.22307	9.78474	147.726	1.09566	1.87972	1.30907	9.11810	13.2672	12.8501
15	1.37935	1.22576	9.78646	147.894	1.10247	1.87647	1.31197	9.13918	13.3478	12.9569
16	1.38367	1.22362	9.80056	148.482	1.09386	1.87598	1.31041	9.12350	13.1403	12.8381
17	1.37986	1.22851	9.78186	148.114	1.09783	1.87040	1.31059	9.15977	13.1512	12.8800
18	1.38039	1.23008	9.76992	147.426	1.10277	1.87582	1.30944	9.17095	13.1720	12.8889
19	1.37740	1.22873	9.74963	147.272	1.11242	1.87148	1.30950	9.16070	13.1640	.
22	1.37790	1.22884	9.75068	147.256	1.11264	.	1.30893	9.16011	13.2696	12.9832
23	1.38151	1.22063	9.76143	148.028	1.10955	1.86724	.	9.09819	.	12.8850
24	1.38326	1.22630	9.78426	147.387	1.10476	1.87999	1.30649	9.13960	13.2388	12.8584
25	1.37745	1.22987	.	147.525	1.10701	1.87954	1.30810	9.16666	13.3745	12.8893
26	1.37834	1.22924	.	147.634	1.11040	1.88502	1.30591	9.16061	13.3803	.
29	1.37977	1.22277	9.76601	147.939	1.12008	.	1.30292	9.13336	13.3297	12.8462
30	1.37570	1.22852	9.72356	148.190	1.12114	1.87480	1.30760	9.15566	13.4056	12.8614
July 1	1.37707	1.22953	9.72630	148.297	1.11005	.	1.30457	9.16347	13.2465	12.8294
2	1.38081	1.22347	9.75277	148.409	1.10407	1.87596	1.30293	9.11552	13.0756	12.7991
7	1.38132	1.22349	9.69838	148.243	1.10550	1.87624	1.30410	9.11768	13.0213	12.8342
8	1.38220	1.22470	9.69970	148.821	1.10285	1.87122	1.30127	9.12317	13.0903	12.7562
9	1.38552	1.22159	9.68532	148.639	1.09627	1.87808	1.30121	9.10125	12.9699	12.7122
10	1.38446	1.22779	9.70243	148.068	1.09760	.	.	.	.	12.7944

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 2018

Exchange rate arrangement	Monetary policy framework						
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework	Other ¹
	US dollar	Euro	Exchange rate anchor Composite	Other			
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 Morocco	Bhutan Eswatini Lesotho Namibia Nepal			Samoa ³ Solomon Islands ³
Stabilised arrangement	Guyana Lebanon Maldives Trinidad and Tobago	Croatia North Macedonia	Singapore Viet Nam ⁷		Angola ⁷ Bolivia, Plurinational State of ⁷ Ethiopia ⁷ Guinea ⁷ Malawi ⁷ Myanmar ⁷ Nigeria ⁷ Suriname ⁷ Tajikistan ^{7,9} Tanzania, United Republic of ⁷ Yemen ⁷	Guatemala ⁷ Indonesia ⁷	Azerbaijan ⁷ Egypt ⁷ Kenya ^{7,8} Pakistan ⁷ South Sudan ⁷ Uzbekistan ⁷
Crawling peg	Honduras Nicaragua		Botswana				

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2018, 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 2018

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

exchange rate anchor to the US dollar. ⁸ The central bank has taken preliminary steps toward inflation targeting. 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 exchange rate arrangement or monetary policy frame-

work was reclassified retroactively, overriding a previously published classification. ¹² Currently the Central Bank of Somalia does not have a monetary policy framework.

VII. ISO currency codes *

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

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

Explanatory notes

Euro foreign exchange reference rates of the European Central Bank

On 1 January 1999, 11 Member States of the European Union initially adopted the euro as their single currency. On 1 January 2001, Greece joined the euro area, followed by Slovenia on 1 January 2007, Cyprus and Malta on 1 January 2008, Slovakia on 1 January 2009, Estonia on 1 January 2011, Latvia on 1 January 2014 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/Frameworkfortheeuroforeignexchangereference-rates.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 ECB 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 for 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?f184ad85cc2c5ccefcd05680706893cde>).

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 (see Deutsche Bundesbank, Monthly Report, November 2001, p. 50 ff., May 2007, p. 31 ff. and August 2017, p. 41 ff.).

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

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

Figures in %

As of July 2020

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

^o 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.

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 in-

cluded 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

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 incor-

porated 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 2018 (see Table VI., pp. 44-45) is based on the IMF’s “Annual Report on Exchange Arrangements and Exchange Restrictions 2018”, 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 deter-

mined 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 nor-

mally 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.

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

Alongside the convertible peso (CUC), which is primarily intended for use by foreigners, there is the Cuban peso (CUP), which is generally used to pay wages and salaries.

In its national accounts, the Cuban government has set the CUC to CUP exchange rate at 1:1. In reality, Cuban pesos can only be exchanged for convertible pesos at a considerable discount.

With effect from 18 March 2005, the Cuban central bank decreed (Acuerdo no 13/2005) that the exchange rate for currency conversion by individuals would be as follows.

The government foreign exchange bureaus (CADECA – casas de cambio) will pay CUP 24 per CUC or USD. Individuals wanting to purchase CUC must, as of that date, 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.

Lebanon

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

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

Alongside the official published reference exchange rates, there are bureau de change rates, which deviate. According to financial information providers, the bureau de change rate was approximately 455 Naira to the US dollar at the end of June 2020.

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

No exchange rates are available for the Somali shilling.

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.

Zimbabwe

The Zimbabwe dollar was devalued in several stages.

We recorded the following exchange rates:

23 June 2020	USD 1 = ZWL 25.0000
	EUR 1 = ZWL 28.16125

24 June 2020	USD 1 = ZWL 57.3582
	EUR 1 = ZWL 64.8176

1 July 2020	USD 1 = ZWL 63.7442
	EUR 1 = ZWL 71.54645

Calculated using the exchange rates from 23 June and 1 July 2020, the Zimbabwe dollar experienced a devaluation of 60.8% against the US dollar and 60.6% against the euro.