



Exchange rate statistics September 2019

Statistical Supplement 5
to the Monthly Report

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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	Data unknown, not to be published or not meaningful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. 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 June	3	1.9558	7.4180	25.832	7.4680	323.73	4.2833	4.7377	10.6180
	4	1.9558	7.4210	25.744	7.4679	322.00	4.2802	4.7353	10.6260
	5	1.9558	7.4155	25.657	7.4682	321.51	4.2778	4.7243	10.6255
	6	1.9558	7.4215	25.663	7.4687	321.30	4.2788	4.7221	10.6175
	7	1.9558	7.4176	25.642	7.4680	321.53	4.2714	4.7216	10.6562
	10	1.9558	7.4163	25.626	7.4682	320.21	4.2639	4.7196	10.6455
	11	1.9558	7.4140	25.640	7.4687	320.50	4.2678	4.7252	10.6828
	12	1.9558	7.4130	25.614	7.4678	321.43	4.2608	4.7250	10.6800
	13	1.9558	7.4128	25.581	7.4678	322.00	4.2574	4.7221	10.6968
	14	1.9558	7.4105	25.540	7.4676	321.53	4.2534	4.7233	10.6390
	17	1.9558	7.4055	25.560	7.4674	322.29	4.2605	4.7280	10.6495
	18	1.9558	7.4055	25.609	7.4672	322.31	4.2592	4.7232	10.6413
	19	1.9558	7.4023	25.635	7.4671	323.97	4.2670	4.7275	10.6868
	20	1.9558	7.4035	25.619	7.4661	323.58	4.2556	4.7262	10.6348
	21	1.9558	7.4013	25.609	7.4657	323.97	4.2584	4.7239	10.6308
	24	1.9558	7.3965	25.601	7.4663	324.29	4.2545	4.7181	10.6078
	25	1.9558	7.3945	25.557	7.4654	324.49	4.2563	4.7184	10.5320
	26	1.9558	7.3956	25.486	7.4651	323.50	4.2627	4.7220	10.5435
	27	1.9558	7.3955	25.434	7.4641	323.64	4.2515	4.7223	10.5488
	28	1.9558	7.3973	25.447	7.4636	323.39	4.2496	4.7343	10.5633
July	1	1.9558	7.3970	25.478	7.4647	322.90	4.2427	4.7327	10.5450
	2	1.9558	7.3965	25.462	7.4639	322.91	4.2429	4.7331	10.5565
	3	1.9558	7.3955	25.458	7.4641	322.44	4.2428	4.7349	10.5155
	4	1.9558	7.3985	25.434	7.4633	322.82	4.2439	4.7188	10.5208
	5	1.9558	7.3975	25.471	7.4635	323.41	4.2449	4.7246	10.5575
	8	1.9558	7.3955	25.509	7.4631	324.66	4.2530	4.7200	10.5973
	9	1.9558	7.3954	25.543	7.4634	325.46	4.2630	4.7265	10.6338
	10	1.9558	7.3935	25.565	7.4637	325.90	4.2738	4.7335	10.6093
	11	1.9558	7.3940	25.605	7.4673	325.83	4.2681	4.7340	10.5808
	12	1.9558	7.3938	25.590	7.4673	325.78	4.2675	4.7322	10.5515
	15	1.9558	7.3935	25.569	7.4669	325.66	4.2622	4.7333	10.5563
	16	1.9558	7.3905	25.575	7.4678	325.85	4.2555	4.7316	10.5405
	17	1.9558	7.3895	25.603	7.4669	326.68	4.2641	4.7336	10.5168
	18	1.9558	7.3875	25.586	7.4672	326.46	4.2596	4.7325	10.5040
	19	1.9558	7.3880	25.546	7.4662	325.36	4.2571	4.7309	10.5195
	22	1.9558	7.3875	25.534	7.4660	324.95	4.2480	4.7225	10.5440
	23	1.9558	7.3863	25.549	7.4659	325.50	4.2497	4.7207	10.5695
	24	1.9558	7.3860	25.542	7.4649	325.75	4.2547	4.7190	10.5293
	25	1.9558	7.3839	25.519	7.4648	325.21	4.2472	4.7228	10.4947
	26	1.9558	7.3845	25.542	7.4663	326.45	4.2670	4.7263	10.5585
	29	1.9558	7.3805	25.613	7.4668	327.23	4.2806	4.7287	10.5773
	30	1.9558	7.3807	25.650	7.4666	327.49	4.2912	4.7321	10.6453
	31	1.9558	7.3823	25.658	7.4674	326.48	4.2912	4.7338	10.6645
Aug.	1	1.9558	7.3830	25.742	7.4660	326.55	4.2979	4.7322	10.6868
	2	1.9558	7.3815	25.763	7.4660	326.96	4.3014	4.7345	10.7223
	5	1.9558	7.3805	25.776	7.4658	326.99	4.3142	4.7325	10.7603
	6	1.9558	7.3840	25.727	7.4644	325.35	4.3119	4.7300	10.7267
	7	1.9558	7.3823	25.719	7.4631	325.38	4.3174	4.7308	10.7673
	8	1.9558	7.3814	25.789	7.4631	325.08	4.3227	4.7300	10.7530
	9	1.9558	7.3915	25.828	7.4631	324.78	4.3191	4.7264	10.6972
	12	1.9558	7.3908	25.831	7.4633	324.65	4.3275	4.7250	10.7315
	13	1.9558	7.3928	25.829	7.4633	323.98	4.3372	4.7249	10.7088
	14	1.9558	7.3884	25.884	7.4608	325.15	4.3720	4.7212	10.7313
	15	1.9558	7.3858	25.876	7.4590	326.20	4.3878	4.7231	10.7305
	16	1.9558	7.3890	25.734	7.4590	324.78	4.3381	4.7293	10.7120
	19	1.9558	7.3870	25.780	7.4582	325.76	4.3702	4.7318	10.7268
	20	1.9558	7.3838	25.796	7.4560	327.23	4.3552	4.7305	10.7653
	21	1.9558	7.3830	25.794	7.4564	327.31	4.3529	4.7280	10.6983
	22	1.9558	7.3928	25.784	7.4558	327.79	4.3643	4.7223	10.7188
	23	1.9558	7.3940	25.769	7.4559	328.58	4.3550	4.7212	10.7165
	26	1.9558	7.3933	25.792	7.4564	329.23	4.3622	4.7277	10.7515
	27	1.9558	7.4003	25.814	7.4578	328.85	4.3696	4.7320	10.7050
	28	1.9558	7.4025	25.844	7.4578	330.00	4.3874	4.7273	10.7545
	29	1.9558	7.4035	25.853	7.4570	330.26	4.3809	4.7271	10.7790
	30	1.9558	7.4023	25.914	7.4562	331.07	4.3812	4.7284	10.8395
Sep.	2	1.9558	7.4006	25.919	7.4563	331.34	4.3691	4.7239	10.7470
	3	1.9558	7.4055	25.885	7.4566	330.68	4.3663	4.7292	10.8128
	4	1.9558	7.4045	25.834	7.4584	328.94	4.3395	4.7290	10.7530
	5	1.9558	7.4033	25.853	7.4588	329.47	4.3399	4.7300	10.6825
	6	1.9558	7.4038	25.836	7.4614	330.11	4.3394	4.7325	10.6350

* See Explanatory notes, p. 51.

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

		Other European and non-European countries							
United Kingdom	Australia	Brazil	Canada	China	Hong Kong	Iceland	India		
Pound sterling GBP	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Hong Kong dollar HKD	Icelandic krona ISK	Indian rupee INR	Period	
0.88618	1.6077	4.3847	1.5098	7.7253	8.7645	138.50	77.4720	2019 June 3	
0.88738	1.6116	4.3638	1.5111	7.7686	8.8143	139.30	77.8740	4	
0.88631	1.6114	4.3427	1.5070	7.7754	8.8257	139.50	78.0475	5	
0.88558	1.6132	4.3659	1.5096	7.7880	8.8333	139.30	78.0180	6	
0.88675	1.6173	4.3719	1.5061	7.7893	8.8396	139.30	78.3320	7	
0.89248	1.6235	4.3877	1.5004	7.8365	8.8634	140.10	78.6445	10	
0.89085	1.6273	4.3893	1.5002	7.8243	8.8700	140.50	78.6155	11	
0.88805	1.6292	4.3661	1.5059	7.8346	8.8570	141.50	78.4910	12	
0.88948	1.6336	4.3429	1.5021	7.8144	8.8375	141.50	78.4745	13	
0.89093	1.6324	4.3423	1.5018	7.7997	8.8170	141.50	78.6080	14	
0.89208	1.6355	4.3796	1.5069	7.7794	8.7963	141.50	78.5770	17	
0.89403	1.6349	4.3313	1.5016	7.7486	8.7643	141.50	78.0005	18	
0.89020	1.6303	4.3324	1.4990	7.7378	8.7683	141.50	78.0755	19	
0.89155	1.6323	4.3407	1.4886	7.7502	8.8379	141.50	78.5065	20	
0.89425	1.6386	4.3357	1.4928	7.7792	8.8424	141.50	78.6985	21	
0.89365	1.6385	4.3565	1.5030	7.8354	8.9000	141.50	79.0865	24	
0.89485	1.6341	4.3669	1.5001	7.8347	8.8915	141.50	78.9725	25	
0.89603	1.6277	4.3624	1.4947	7.8139	8.8724	141.50	78.5705	26	
0.89428	1.6251	4.3868	1.4928	7.8199	8.8836	141.70	78.5675	27	
0.89655	1.6244	4.3511	1.4893	7.8185	8.8866	141.70	78.5240	28	
0.89718	1.6226	4.3435	1.4866	7.7654	8.8639	141.70	78.2360	July 1	
0.89443	1.6155	4.3381	1.4819	7.7706	8.8194	141.70	77.9280	2	
0.89750	1.6093	4.3640	1.4794	7.7703	8.8054	141.70	77.7470	3	
0.89730	1.6076	4.3098	1.4749	7.7567	8.7899	141.70	77.3335	4	
0.89703	1.6057	4.2895	1.4712	7.7425	8.7758	141.70	77.1095	5	
0.89625	1.6058	4.2752	1.4642	7.7173	8.7482	141.70	76.8955	8	
0.89975	1.6164	4.2650	1.4706	7.7155	8.7508	141.90	76.7810	9	
0.89928	1.6210	4.2585	1.4713	7.7227	8.7692	141.90	76.9510	10	
0.89790	1.6154	4.2169	1.4735	7.7477	8.8264	141.90	77.1495	11	
0.89788	1.6102	4.2271	1.4667	7.7432	8.8033	141.90	77.2420	12	
0.89873	1.6023	4.2100	1.4684	7.7484	8.8201	141.70	77.2205	15	
0.90260	1.5955	4.2210	1.4643	7.7187	8.7736	141.70	77.0870	16	
0.90340	1.6009	4.2183	1.4654	7.7131	8.7636	141.50	77.2335	17	
0.89853	1.5944	4.2164	1.4650	7.7168	8.7654	141.10	77.2775	18	
0.89635	1.5913	4.1889	1.4655	7.7217	8.7621	140.30	77.2545	19	
0.89968	1.5912	4.1983	1.4665	7.7168	8.7585	139.90	77.3085	22	
0.89830	1.5898	4.1878	1.4691	7.6856	8.7266	139.90	77.0150	23	
0.89143	1.5960	4.1948	1.4627	7.6588	8.7038	135.90	76.8285	24	
0.88963	1.5943	4.1771	1.4591	7.6393	8.6851	135.90	76.6750	25	
0.89633	1.6082	4.2053	1.4680	7.6609	8.7078	135.70	76.7400	26	
0.90443	1.6110	4.2104	1.4645	7.6648	8.6937	135.90	76.4740	29	
0.91653	1.6189	4.2237	1.4691	7.6761	8.7259	135.10	76.7575	30	
0.91623	1.6175	4.2180	1.4662	7.6743	8.7289	134.70	76.6965	31	
0.91150	1.6135	4.2223	1.4602	7.6177	8.6367	136.10	76.2720	Aug. 1	
0.91505	1.6365	4.2958	1.4698	7.7058	8.6924	136.30	77.3400	2	
0.91880	1.6520	4.3805	1.4775	7.8705	8.7638	136.30	79.1529	5	
0.91830	1.6467	4.4099	1.4785	7.8521	8.7670	136.50	79.2150	6	
0.92353	1.6628	4.4438	1.4920	7.8957	8.7834	136.50	79.4020	7	
0.92115	1.6483	4.4283	1.4874	7.8873	8.7774	137.30	79.1750	8	
0.92820	1.6452	4.3994	1.4796	7.9039	8.7790	137.30	79.2935	9	
0.92615	1.6589	4.4660	1.4807	7.9014	8.7825	137.50	79.7460	12	
0.92830	1.6589	4.4773	1.4889	7.9303	8.8057	139.10	80.1865	13	
0.92673	1.6579	4.4702	1.4872	7.8526	8.7774	138.10	79.7425	14	
0.91863	1.6442	4.4868	1.4841	7.8463	8.7440	137.90	79.5205	15	
0.91033	1.6320	4.4075	1.4730	7.7978	8.6863	137.70	78.8040	16	
0.91583	1.6376	4.4355	1.4729	7.8283	8.7095	137.90	79.2800	19	
0.91623	1.6347	4.4959	1.4762	7.8180	8.6868	138.10	79.4410	20	
0.91545	1.6337	4.4621	1.4761	7.8438	8.7072	138.10	79.4655	21	
0.91150	1.6380	4.4717	1.4722	7.8523	8.6889	138.30	79.5890	22	
0.90453	1.6396	4.5224	1.4741	7.8439	8.6776	138.10	79.3040	23	
0.90808	1.6430	4.5701	1.4788	7.9429	8.7195	138.30	80.0630	26	
0.90435	1.6412	4.6144	1.4689	7.9519	8.7110	138.70	79.4225	27	
0.90823	1.6431	4.5901	1.4754	7.9357	8.6959	137.90	79.5905	28	
0.90531	1.6402	4.5908	1.4699	7.9081	8.6876	138.10	79.3415	29	
0.90565	1.6398	4.5879	1.4658	7.8908	8.6549	138.50	78.8365	30	
0.90820	1.6338	4.5498	1.4632	7.8657	8.6021	138.50	78.8920	Sep. 2	
0.90885	1.6247	4.5684	1.4627	7.8513	8.5788	139.90	79.1970	3	
0.90255	1.6225	4.5603	1.4679	7.8808	8.6389	139.30	79.3890	4	
0.89580	1.6210	4.5036	1.4602	7.8996	8.6686	139.30	79.4125	5	
0.89635	1.6135	4.5145	1.4583	7.8442	8.6446	139.30	79.0805	6	

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

1. Daily rates (cont'd)

EUR 1 = CU ...

		Other European and non-European countries (cont'd)							
		Indonesia	Israel	Japan	Korea, Republic of	Malaysia	Mexico	New Zealand	Norway
Period		Indonesian rupiah IDR	New shekel ILS	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN	New Zealand dollar NZD	Norwegian krone NOK
2019 June	3	15,925.20	4.0597	121.17	1,323.45	4.6742	22.1130	1.7040	9.7778
	4	15,992.34	4.0641	121.62	1,330.90	4.6886	22.1603	1.7062	9.7860
	5	15,990.01	4.0604	121.96	1,324.33	4.6711	22.0886	1.6943	9.7738
	6	15,990.96	4.0543	121.82	1,328.90	4.6872	22.2767	1.6983	9.8083
	7	16,061.77	4.0586	122.27	1,336.22	4.6883	22.2505	1.7016	9.7963
	10	16,098.27	4.0512	122.78	1,339.72	4.7052	21.7522	1.7086	9.7808
	11	16,116.85	4.0544	123.09	1,337.48	4.7123	21.6783	1.7206	9.7700
	12	16,125.56	4.0561	122.72	1,337.81	4.7075	21.6615	1.7206	9.7820
	13	16,135.37	4.0530	122.44	1,335.74	4.7068	21.6384	1.7201	9.7720
	14	16,128.10	4.0518	121.90	1,333.60	4.6981	21.6073	1.7241	9.7728
	17	16,103.94	4.0549	122.06	1,333.25	4.6913	21.5292	1.7259	9.7938
	18	16,022.58	4.0403	121.08	1,325.56	4.6778	21.3935	1.7192	9.7795
	19	15,991.83	4.0422	121.49	1,318.62	4.6760	21.4542	1.7173	9.7815
	20	16,036.15	4.0458	121.71	1,312.25	4.6901	21.3960	1.7158	9.6678
	21	15,987.00	4.0785	121.64	1,314.41	4.7002	21.5698	1.7261	9.6860
	24	16,125.00	4.1029	122.25	1,317.77	4.7171	21.8229	1.7244	9.6643
	25	16,116.30	4.1013	121.97	1,314.27	4.7119	21.9042	1.7140	9.6855
	26	16,097.68	4.0825	122.40	1,312.86	4.7124	21.7972	1.7004	9.6733
	27	16,077.18	4.0759	122.64	1,313.12	4.7117	21.7397	1.6996	9.6843
	28	16,083.35	4.0607	122.60	1,315.35	4.7082	21.8201	1.6960	9.6938
July	1	16,016.28	4.0543	122.93	1,318.27	4.6904	21.7024	1.6941	9.6848
	2	15,976.79	4.0388	122.36	1,318.30	4.6769	21.5491	1.6956	9.6715
	3	15,970.00	4.0307	121.61	1,321.04	4.6774	21.4816	1.6883	9.6593
	4	15,961.23	4.0268	121.65	1,319.51	4.6653	21.4305	1.6888	9.6298
	5	15,899.68	4.0124	121.77	1,318.43	4.6566	21.3872	1.6912	9.6325
	8	15,824.37	4.0095	121.80	1,322.07	4.6436	21.2581	1.6888	9.6840
	9	15,832.67	3.9974	121.93	1,325.05	4.6410	21.1827	1.6937	9.6983
	10	15,853.86	4.0080	122.20	1,325.21	4.6434	21.5421	1.6997	9.6930
	11	15,872.35	4.0025	121.94	1,324.03	4.6443	21.5886	1.6889	9.6323
	12	15,794.71	3.9964	121.83	1,326.69	4.6284	21.4670	1.6871	9.6208
	15	15,712.00	3.9870	121.62	1,329.00	4.6299	21.3466	1.6751	9.6223
	16	15,644.86	3.9793	121.13	1,322.95	4.6069	21.3118	1.6693	9.5933
	17	15,678.57	3.9731	121.42	1,324.68	4.6144	21.3942	1.6679	9.6220
	18	15,669.87	3.9742	120.89	1,321.30	4.6143	21.3786	1.6640	9.6438
	19	15,662.52	3.9700	120.93	1,319.12	4.6107	21.3542	1.6582	9.6138
	22	15,639.32	3.9622	121.03	1,320.34	4.6127	21.3416	1.6543	9.6275
	23	15,598.63	3.9509	120.82	1,317.02	4.6016	21.3081	1.6605	9.6810
	24	15,568.15	3.9240	120.41	1,311.47	4.5831	21.3211	1.6613	9.6355
	25	15,535.99	3.9187	120.15	1,312.16	4.5733	21.1145	1.6596	9.6058
	26	15,568.70	3.9172	121.06	1,317.79	4.5904	21.2038	1.6767	9.6913
	29	15,588.84	3.9213	120.81	1,316.82	4.5866	21.2046	1.6796	9.6935
	30	15,637.91	3.8937	121.00	1,317.25	4.6010	21.2437	1.6855	9.7368
	31	15,639.30	3.8951	121.04	1,318.25	4.6015	21.2005	1.6883	9.7778
Aug.	1	15,623.97	3.8864	120.18	1,313.68	4.5734	21.2057	1.6856	9.8120
	2	15,772.45	3.8786	118.57	1,333.44	4.6173	21.4542	1.7026	9.9105
	5	16,006.70	3.9012	118.61	1,359.84	4.6724	21.8221	1.7138	9.9720
	6	15,958.26	3.9088	119.10	1,357.32	4.6840	21.8702	1.7073	9.9545
	7	15,941.29	3.8996	118.48	1,361.74	4.6925	21.9583	1.7411	9.9960
	8	15,903.01	3.8948	118.64	1,353.16	4.6843	21.9250	1.7335	10.0180
	9	15,889.96	3.8951	118.51	1,356.25	4.6858	21.7803	1.7254	9.9588
	12	15,951.00	3.8935	117.69	1,364.55	4.7022	21.9971	1.7352	10.0003
	13	16,067.10	3.9145	118.01	1,373.20	4.7104	22.0302	1.7417	10.0078
	14	15,937.31	3.9065	118.48	1,358.50	4.6861	21.8129	1.7400	10.0035
	15	15,911.05	3.9237	118.37	1,353.11	4.6758	21.8595	1.7311	10.0145
	16	15,753.39	3.9309	117.77	1,338.60	4.6281	21.6321	1.7208	9.9653
	19	15,805.12	3.9353	118.34	1,343.14	4.6377	21.8458	1.7296	9.9658
	20	15,794.38	3.9020	117.79	1,337.78	4.6263	21.9445	1.7286	9.9638
	21	15,808.76	3.9160	118.24	1,335.79	4.6387	21.8446	1.7308	9.9263
	22	15,777.10	3.9065	118.13	1,340.99	4.6421	21.8622	1.7380	9.9390
	23	15,726.13	3.8924	117.79	1,341.19	4.6362	22.0041	1.7360	9.9593
	26	15,834.46	3.9083	117.67	1,348.82	4.6748	22.1150	1.7431	9.9873
	27	15,821.87	3.9071	117.43	1,346.43	4.6670	22.1713	1.7415	9.9920
	28	15,792.82	3.9099	117.18	1,345.47	4.6712	22.1393	1.7458	10.0110
	29	15,718.92	3.8997	117.68	1,340.01	4.6696	22.2046	1.7457	10.0365
	30	15,654.57	3.8899	117.28	1,333.21	4.6412	22.1567	1.7490	10.0380
Sep.	2	15,567.98	3.8793	116.66	1,329.49	4.6269	22.0545	1.7396	9.9788
	3	15,558.00	3.8793	116.05	1,328.80	4.6162	21.9477	1.7385	10.0190
	4	15,593.22	3.8838	117.03	1,327.96	4.6273	21.8430	1.7343	9.9838
	5	15,605.38	3.8837	117.97	1,323.90	4.6327	21.7072	1.7305	9.9332
	6	15,532.63	3.8780	118.01	1,314.72	4.6098	21.6550	1.7208	9.9230

* See Explanatory notes, p. 51.

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

Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United States	Period
Philippine peso PHP	Russian rouble RUB	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY	US dollar USD	
58.012	73.1315	1.5328	16.2910	1.1162	35.138	6.5815	1.1185	2019 June 3
58.207	73.3390	1.5396	16.4791	1.1178	35.188	6.5295	1.1244	4
58.280	73.3295	1.5364	16.5890	1.1163	35.302	6.4344	1.1257	5
58.249	73.4704	1.5363	16.7523	1.1174	35.285	6.5014	1.1266	6
58.605	73.2914	1.5407	16.9681	1.1191	35.341	6.5862	1.1273	7
58.869	73.1393	1.5453	16.7993	1.1200	35.423	6.5511	1.1301	10
58.810	73.0227	1.5446	16.7140	1.1233	35.403	6.5752	1.1320	11
58.815	73.3013	1.5445	16.7129	1.1252	35.379	6.5550	1.1323	12
58.556	72.9275	1.5423	16.7876	1.1207	35.250	6.6343	1.1289	13
58.539	72.3880	1.5403	16.6529	1.1211	35.101	6.6427	1.1265	14
58.703	72.1432	1.5400	16.6463	1.1214	35.196	6.5950	1.1234	17
58.261	71.8787	1.5338	16.3782	1.1175	35.043	6.5320	1.1187	18
58.176	71.7360	1.5323	16.2693	1.1176	35.050	6.5618	1.1207	19
58.159	71.4393	1.5336	16.1309	1.1142	34.978	6.5291	1.1307	20
58.253	71.5191	1.5362	16.2178	1.1107	34.859	6.5806	1.1316	21
58.531	71.7127	1.5429	16.3295	1.1109	35.008	6.6050	1.1394	24
58.477	71.4389	1.5411	16.2881	1.1108	34.973	6.5708	1.1388	25
58.456	71.6399	1.5387	16.2802	1.1113	34.955	6.5500	1.1362	26
58.209	71.6096	1.5393	16.0893	1.1121	35.003	6.5573	1.1370	27
58.335	71.5975	1.5395	16.1218	1.1105	34.897	6.5655	1.1380	28
57.953	71.4725	1.5359	16.0216	1.1141	34.771	6.4272	1.1349	July 1
57.781	71.4958	1.5317	15.9594	1.1169	34.643	6.3891	1.1301	2
57.781	71.8136	1.5318	15.9387	1.1116	34.534	6.3682	1.1293	3
57.683	71.5913	1.5307	15.7869	1.1120	34.603	6.3237	1.1288	4
57.664	71.5048	1.5282	15.8865	1.1126	34.529	6.3135	1.1260	5
57.580	71.5025	1.5247	15.8813	1.1127	34.514	6.4304	1.1215	8
57.529	71.4007	1.5250	15.8712	1.1137	34.551	6.3843	1.1205	9
57.756	71.2695	1.5270	15.8875	1.1133	34.586	6.4398	1.1220	10
57.803	70.9968	1.5288	15.6500	1.1114	34.549	6.3917	1.1285	11
57.559	70.9895	1.5308	15.7072	1.1087	34.789	6.4331	1.1253	12
57.506	70.5998	1.5283	15.6215	1.1071	34.816	6.4258	1.1269	15
57.114	70.3975	1.5234	15.5709	1.1075	34.662	6.4002	1.1223	16
57.342	70.4625	1.5273	15.6611	1.1095	34.705	6.3797	1.1215	17
57.324	70.6478	1.5261	15.6932	1.1064	34.635	6.3852	1.1216	18
57.283	70.7370	1.5259	15.6369	1.1033	34.570	6.3356	1.1226	19
57.321	70.6525	1.5260	15.5802	1.1007	34.593	6.3722	1.1215	22
57.128	70.5611	1.5238	15.4992	1.0985	34.519	6.3534	1.1173	23
56.964	70.3192	1.5196	15.5004	1.0982	34.428	6.3820	1.1140	24
56.797	70.1249	1.5179	15.4679	1.0989	34.306	6.3011	1.1115	25
56.810	70.3184	1.5242	15.7656	1.1053	34.411	6.2613	1.1138	26
56.720	70.6300	1.5250	15.8158	1.1037	34.308	6.2560	1.1119	29
56.701	70.5654	1.5283	15.7801	1.1038	34.360	6.2005	1.1154	30
56.685	70.8041	1.5261	15.8634	1.1041	34.273	6.1610	1.1151	31
56.502	70.5770	1.5178	15.9959	1.0988	34.099	6.1516	1.1037	Aug. 1
57.307	72.5055	1.5290	16.3271	1.0931	34.157	6.2221	1.1106	2
58.191	72.6588	1.5453	16.6794	1.0893	34.435	6.1990	1.1182	5
58.269	72.7977	1.5441	16.5635	1.0919	34.394	6.1906	1.1187	6
58.562	73.0455	1.5490	16.7546	1.0921	34.485	6.1614	1.1202	7
58.347	73.1407	1.5483	16.9516	1.0923	34.413	6.1367	1.1193	8
58.207	73.2133	1.5481	17.0060	1.0897	34.400	6.1452	1.1198	9
58.424	73.4092	1.5520	17.2164	1.0876	34.506	6.2161	1.1194	12
58.743	73.6134	1.5576	17.2289	1.0853	34.648	6.3141	1.1222	13
58.581	73.3476	1.5530	17.1270	1.0862	34.509	6.2616	1.1188	14
58.759	73.7771	1.5483	17.0440	1.0863	34.403	6.2316	1.1150	15
58.012	73.3855	1.5356	16.8081	1.0854	34.208	6.1543	1.1076	16
58.171	74.2984	1.5376	17.0524	1.0884	34.247	6.2181	1.1103	19
57.964	73.8360	1.5351	17.0117	1.0860	34.086	6.3328	1.1076	20
57.941	73.1897	1.5354	16.8573	1.0875	34.173	6.3462	1.1104	21
57.985	72.7560	1.5361	16.8177	1.0905	34.130	6.3875	1.1083	22
58.008	72.9469	1.5360	16.8439	1.0893	33.997	6.3815	1.1065	23
58.327	73.2819	1.5432	16.9646	1.0885	34.004	6.4642	1.1116	26
58.095	73.8447	1.5411	16.9845	1.0884	33.935	6.4700	1.1104	27
57.998	74.0400	1.5393	17.0319	1.0872	33.931	6.4250	1.1083	28
57.793	73.6750	1.5354	16.8950	1.0880	33.886	6.4594	1.1072	29
57.462	73.4150	1.5312	16.8299	1.0909	33.754	6.4418	1.1036	30
57.200	73.2222	1.5253	16.6827	1.0875	33.600	6.3762	1.0968	Sep. 2
57.190	73.2576	1.5237	16.5525	1.0829	33.548	6.2937	1.0937	3
57.205	73.1531	1.5270	16.3729	1.0848	33.732	6.2482	1.1018	4
57.412	72.9651	1.5295	16.3765	1.0863	33.777	6.2835	1.1058	5
57.208	72.5679	1.5229	16.2808	1.0928	33.819	6.2875	1.1027	6

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

3. End-of-year rates and annual averages

EUR 1 = CU ...

EU member countries									
Period	Bulgaria Bulgarian lev BGN	Croatia Kuna HRK 1	Cyprus Cyprus pound CYP 2	Czechia Czech koruna CZK	Denmark Danish krone DKK	Estonia Estonian kroon EEK 2	Hungary Hungarian forint HUF	Latvia Latvian lats LVL 2	Lithuania Lithuanian litas LTL 2
End of year									
2005	1.9563	7.3715	0.57350	29.000	7.4605	15.6466	252.87	0.6962	3.4528
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	–	–
Annual averages +									
2005	1.9558	7.4008	0.57683	29.782	7.4518	15.6466	248.05	0.6962	3.4528
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	–	–

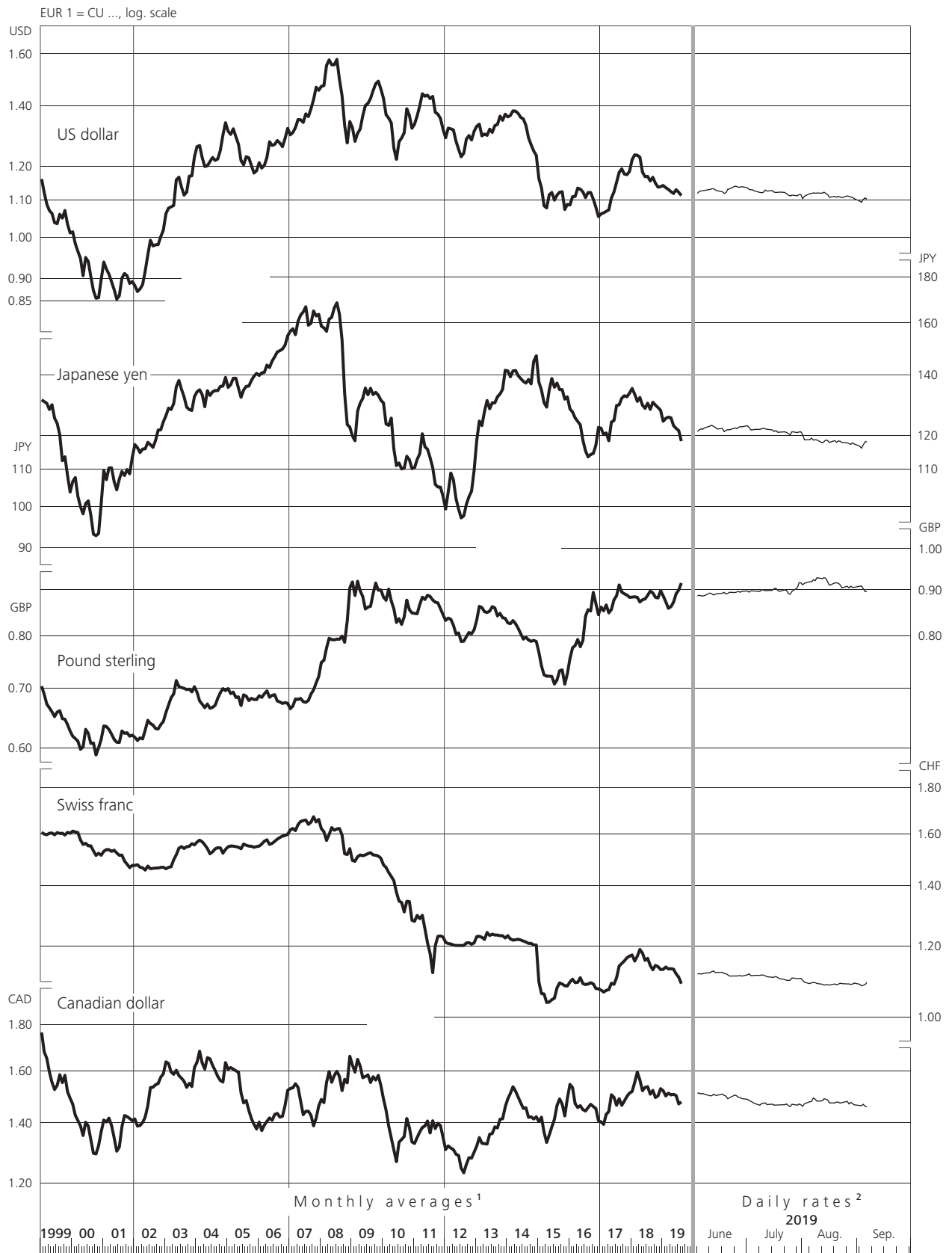
EU member countries (cont'd)							Other European and non-European countries			
Malta	Poland	Romania	Slovakia	Slovenia	Sweden	United Kingdom	Australia	Brazil	Canada	
Maltese lira MTL 2	Polish zloty PLN	Romanian leu RON	Slovak koruna SKK 2	Slovenian tolar SIT 2	Swedish krona SEK	Pound sterling GBP	Australian dollar AUD	Brazilian real BRL 4	Canadian dollar CAD	
End of year										
2005	0.4293	3.8600	3.6802	37.880	239.5000	9.3885	0.68530	1.6109	2.7462	1.3725
2006	0.4293	3.8310	3.3835	34.435	239.6400	9.0404	0.67150	1.6691	2.8141	1.5281
2007	0.4293	3.5935	3.6077	33.583	–	9.4415	0.73335	1.6757	2.5914	1.4449
2008	–	4.1535	4.0225	30.126	–	10.8700	0.95250	2.0274	3.2436	1.6998
2009	–	4.1045	4.2363	–	–	10.2520	0.88810	1.6008	2.5113	1.5128
2010	–	3.9750	4.2620	–	–	8.9655	0.86075	1.3136	2.2177	1.3322
2011	–	4.4580	4.3233	–	–	8.9120	0.83530	1.2723	2.4159	1.3215
2012	–	4.0740	4.4445	–	–	8.5820	0.81610	1.2712	2.7036	1.3137
2013	–	4.1543	4.4710	–	–	8.8591	0.83370	1.5423	3.2576	1.4671
2014	–	4.2732	4.4828	–	–	9.3930	0.77890	1.4829	3.2207	1.4063
2015	–	4.2639	4.5240	–	–	9.1895	0.73395	1.4897	4.3117	1.5116
2016	–	4.4103	4.5390	–	–	9.5525	0.85618	1.4596	3.4305	1.4188
2017	–	4.1770	4.6585	–	–	9.8438	0.88723	1.5346	3.9729	1.5039
2018	–	4.3014	4.6635	–	–	10.2548	0.89453	1.6220	4.4440	1.5605
Annual averages +										
2005	0.4299	4.0230	3.6209	38.599	239.5681	9.2822	0.68380	1.6320	3.0360	1.5087
2006	0.4293	3.8959	3.5258	37.234	239.5961	9.2544	0.68173	1.6668	2.7333	1.4237
2007	0.4293	3.7837	3.3353	33.775	–	9.2501	0.68434	1.6348	2.6633	1.4678
2008	–	3.5121	3.6826	31.262	–	9.6152	0.79628	1.7416	2.6737	1.5594
2009	–	4.3276	4.2399	–	–	10.6191	0.89094	1.7727	2.7674	1.5850
2010	–	3.9947	4.2122	–	–	9.5373	0.85784	1.4423	2.3314	1.3651
2011	–	4.1206	4.2391	–	–	9.0298	0.86788	1.3484	2.3265	1.3761
2012	–	4.1847	4.4593	–	–	8.7041	0.81087	1.2407	2.5084	1.2842
2013	–	4.1975	4.4190	–	–	8.6515	0.84926	1.3777	2.8687	1.3684
2014	–	4.1843	4.4437	–	–	9.0985	0.80612	1.4719	3.1211	1.4661
2015	–	4.1841	4.4454	–	–	9.3535	0.72584	1.4777	3.7004	1.4186
2016	–	4.3632	4.4904	–	–	9.4689	0.81948	1.4883	3.8561	1.4659
2017	–	4.2570	4.5688	–	–	9.6351	0.87667	1.4732	3.6054	1.4647
2018	–	4.2615	4.6540	–	–	10.2583	0.88471	1.5797	4.3085	1.5294

* See Explanatory notes, p. 51. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. 1 Up to March 2005, ECB indicative rates. 2 Accession to the euro area, see p. 7 (Table I. 1.). 3 Currency conversion effective from 1 July 2005: ROL (old Romanian leu) 10,000 =

RON (new Romanian leu) 1; to calculate the annual average for 2005, the rates set in (old) Romanian lei were converted at a rate of 10,000:1 and included in the calculation. 4 Up to December 2007, ECB indicative rates.

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

4. Exchange rates of major currencies



III. Effective exchange rates of the euro *

1. Annual and monthly averages

Q1 1999 = 100

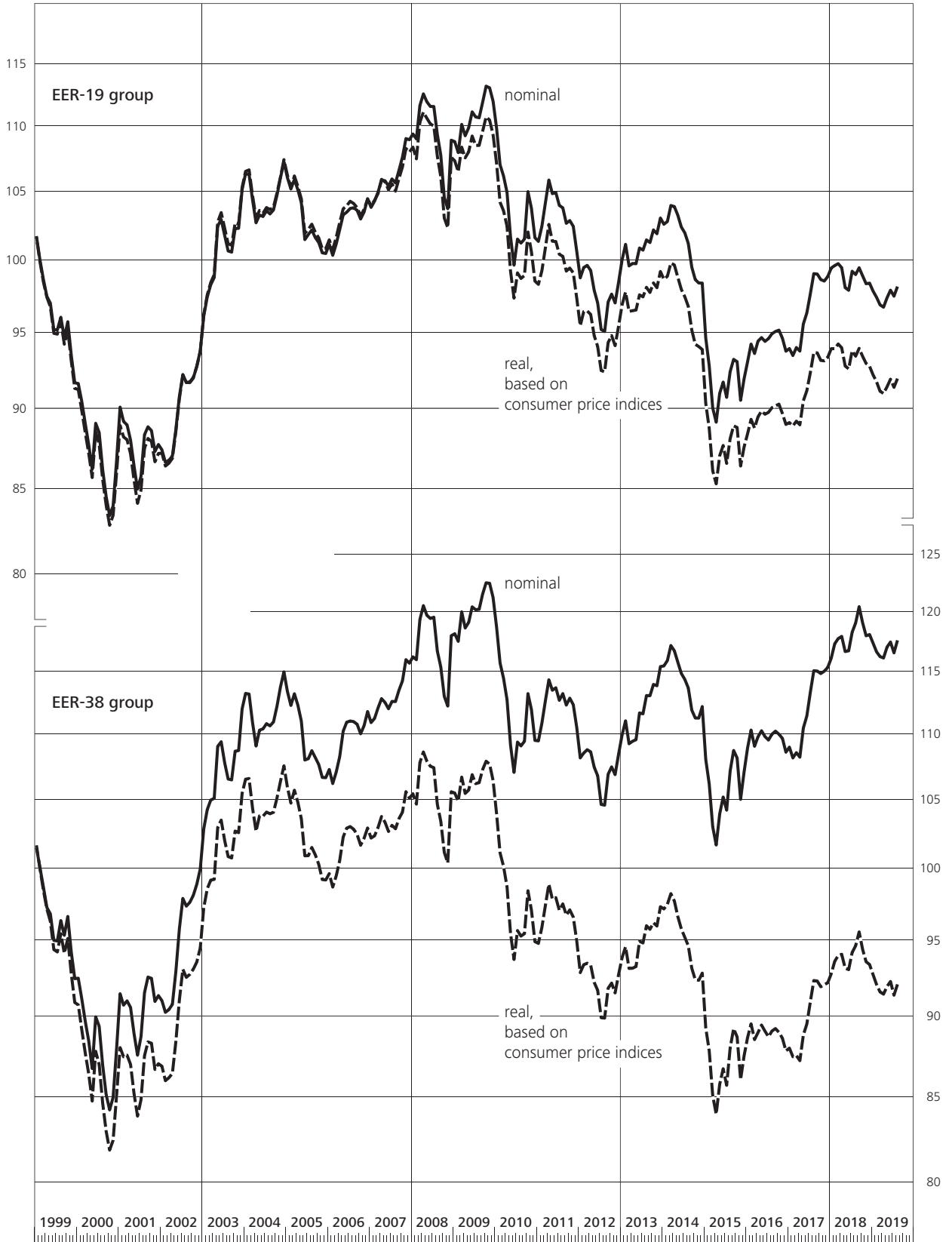
Period	Effective exchange rate of the euro vis-à-vis the currencies of the group ¹				Memo item: Indicators of the German economy's price competitiveness based on consumer price indices vis-à-vis					
	EER-19		EER-38 ²		26 selected industrial countries			37 countries	56 countries	
	Nominal	Real, based on consumer price indices	Nominal	Real, based on consumer price indices	Total	of which:				
						euro area countries	non-euro area countries			
2000	87.2	86.7	88.0	85.8	93.0	99.0	85.9	92.1	91.0	
2001	87.8	87.0	90.6	86.8	93.1	98.2	86.9	91.5	90.9	
2002	90.1	90.0	95.2	90.4	93.6	96.9	89.6	92.0	91.7	
2003	100.7	101.1	107.1	101.2	97.0	95.8	99.2	96.6	96.7	
2004	104.6	104.8	111.7	104.9	98.4	95.5	102.9	98.0	98.3	
2005	102.9	103.3	109.6	102.3	98.4	95.3	103.3	96.9	96.6	
2006	102.8	103.2	109.6	101.5	98.6	95.0	104.2	96.5	95.8	
2007	106.1	105.8	113.0	103.4	100.9	95.3	109.8	97.9	97.1	
2008	109.3	107.9	117.1	105.4	102.2	94.7	114.9	97.8	97.1	
2009	110.7	108.7	120.2	106.4	101.8	94.6	113.9	98.0	97.5	
2010	103.6	101.0	111.6	97.4	98.7	94.2	106.0	93.6	92.0	
2011	103.3	99.9	112.3	96.9	98.2	93.8	105.0	92.8	91.3	
2012	97.7	94.7	107.2	92.1	95.9	93.3	99.8	89.8	88.3	
2013	101.0	97.5	111.8	94.9	98.2	93.4	105.8	91.5	90.2	
2014	101.4	97.1	114.1	95.3	98.3	93.7	105.4	91.7	90.8	
2015	91.7	87.6	105.7	87.0	94.7	94.2	95.2	87.0	86.3	
2016	94.4	89.5	109.7	p 88.9	95.3	94.2	96.8	88.0	p 87.5	
2017	96.6	91.4	112.0	p 90.0	96.6	94.3	100.0	89.1	p 88.3	
2018	98.9	93.4	117.9	p 93.8	98.0	94.4	103.3	90.3	p 90.4	
2015 Nov.	90.5	86.4	105.0	86.0	94.1	94.2	93.6	86.4	85.8	
Dec.	91.9	87.6	107.1	87.5	94.3	93.9	94.5	86.8	86.5	
2016 Jan.	93.0	88.4	108.9	p 88.6	94.7	94.2	95.2	87.4	p 87.3	
Feb.	94.2	89.3	110.3	p 89.5	95.1	94.1	96.5	87.8	p 87.8	
Mar.	93.6	88.7	109.0	p 88.5	95.1	94.1	96.3	87.6	p 87.2	
Apr.	94.4	89.5	109.8	p 89.0	95.5	94.3	97.2	88.1	p 87.7	
May	94.6	89.8	110.2	p 89.4	95.3	94.1	96.8	88.2	p 87.9	
June	94.4	89.6	109.8	p 89.0	95.1	94.1	96.2	88.1	p 87.6	
July	94.6	89.7	109.5	p 88.7	95.3	94.1	96.9	88.1	p 87.4	
Aug.	94.9	90.0	110.0	p 89.1	95.6	94.1	97.6	88.2	p 87.6	
Sep.	95.1	90.2	110.2	p 89.2	95.6	94.1	97.7	88.3	p 87.7	
Oct.	95.1	90.3	110.0	p 89.0	95.9	94.2	98.3	88.3	p 87.6	
Nov.	94.6	89.7	109.6	p 88.6	95.4	94.2	97.0	88.1	p 87.4	
Dec.	93.7	89.0	108.6	p 87.8	95.3	94.5	96.2	87.9	p 87.1	
2017 Jan.	93.9	89.1	109.0	p 88.0	95.2	94.2	96.4	87.7	p 87.0	
Feb.	93.4	88.9	108.1	p 87.4	95.0	94.2	96.0	87.6	p 86.7	
Mar.	94.0	89.2	108.5	p 87.5	95.3	94.2	96.6	87.7	p 86.7	
Apr.	93.7	89.0	108.2	p 87.2	95.1	94.2	96.2	87.6	p 86.5	
May	95.6	90.5	110.5	p 88.8	96.0	94.3	98.4	88.6	p 87.6	
June	96.3	91.1	111.4	p 89.5	96.4	94.3	99.5	88.9	p 88.0	
July	97.6	92.3	113.3	p 90.9	97.1	94.4	101.1	89.7	p 89.0	
Aug.	99.0	93.6	115.0	p 92.3	97.9	94.4	103.1	90.4	p 89.8	
Sep.	99.0	93.6	115.0	p 92.3	97.9	94.5	103.2	90.5	p 89.9	
Oct.	98.6	93.1	114.8	p 91.9	97.5	94.2	102.6	89.9	p 89.4	
Nov.	98.5	93.1	115.0	p 92.0	97.9	94.5	103.2	90.2	p 89.7	
Dec.	98.8	93.3	115.3	p 92.2	98.1	94.5	103.6	90.3	p 89.8	
2018 Jan.	99.4	93.9	116.1	p 92.8	98.3	94.3	104.5	90.4	p 89.9	
Feb.	99.6	93.9	117.3	p 93.6	98.4	94.3	104.6	90.4	p 90.1	
Mar.	99.7	94.2	117.7	p 94.0	98.5	94.4	104.9	90.7	p 90.4	
Apr.	99.5	94.0	117.9	p 94.0	98.6	94.4	105.1	90.6	p 90.5	
May	98.1	92.7	116.6	p 93.1	98.1	94.5	103.6	90.1	p 90.0	
June	97.9	92.6	116.7	p 93.0	97.8	94.5	102.8	89.9	p 90.0	
July	99.2	93.8	118.2	p 94.2	97.6	94.2	102.9	90.3	p 90.4	
Aug.	99.0	93.4	119.0	p 94.6	97.5	94.3	102.4	90.2	p 90.6	
Sep.	99.5	93.9	120.4	p 95.5	98.0	94.6	103.2	90.8	p 91.5	
Oct.	98.9	93.4	119.0	p 94.4	97.6	94.4	102.3	90.3	p 90.7	
Nov.	98.3	92.9	117.9	p 93.5	97.6	94.7	102.0	90.3	p 90.5	
Dec.	98.4	92.7	118.0	p 93.4	97.4	94.5	101.9	90.0	p 90.3	
2019 Jan.	97.8	92.2	117.3	p 92.7	97.0	94.2	101.2	89.5	p 89.7	
Feb.	97.4	91.7	116.6	p 92.0	96.9	94.2	101.0	89.3	p 89.4	
Mar.	96.9	91.1	116.2	p 91.6	96.5	94.0	100.2	88.8	p 88.9	
Apr.	96.7	91.0	116.1	p 91.4	96.9	94.5	100.5	89.1	p 89.2	
May	97.4	91.4	117.0	p 91.9	97.0	94.5	100.6	89.4	p 89.6	
June	97.9	91.9	117.4	p 92.2	97.2	94.6	101.2	89.7	p 89.8	
July	97.5	p 91.4	116.5	p 91.4	p 97.0	p 94.5	100.7	p 89.4	p 89.3	
Aug.	98.1	p 91.9	117.6	p 92.1	p 96.7	p 94.3	p 100.2	p 89.5	p 89.6	

* See Explanatory notes, p. 51. ¹ Source: ECB. ² Due to the redenomination of the Venezuelan bolívar on 20 August 2018, the spot rate from 17 August 2018 is used since then.

III. Effective exchange rates of the euro*

2. Nominal and real effective exchange rates based on consumer price indices

Q1 1999 = 100, monthly averages, log. scale



* Source: ECB.

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 2018	Rate at end of month			
					June 2019	July 2019	August 2019	
Afghanistan								
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 72.3703	AFN 80.6782	AFN 78.8875	AFN 77.9250	
		S	USD 1 =	AFN 72.4703	AFN 80.7782	AFN 78.9875	AFN 78.0250	
	AFN	B	EUR 1 =	AFN 85.1413	AFN 91.5029	AFN 88.1750	AFN 86.1700	
		S	EUR 1 =	AFN 85.4013	AFN 91.7629	AFN 88.4350	AFN 86.4300	
	Albania							
	Tirana 070	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 107.90	ALL 107.69	ALL 109.07	ALL 110.59
M			EUR 1 =	ALL 127.49	ALL 122.65	ALL 121.64	ALL 122.12	
Algeria								
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 116.6712	DZD 118.6884	DZD 119.6740	DZD 120.0589	
		S	USD 1 =	DZD 116.6862	DZD 118.7034	DZD 119.6890	DZD 120.0739	
	DZD	B	EUR 1 =	DZD 137.5913	DZD 134.8538	DZD 133.2450	DZD 132.5330	
		S	EUR 1 =	DZD 137.6362	DZD 134.9064	DZD 133.2737	DZD 132.5976	
Angola ¹								
Luanda 330	Kwanza = 100 cêntimos	B	USD 1 =	AOA 258.279	AOA 338.562	AOA 347.817	AOA 358.346	
		S	USD 1 =	AOA 259.059	AOA 341.982	AOA 351.330	AOA 365.659	
	AOA	B	EUR 1 =	AOA 303.343	AOA 385.453	AOA 387.781	AOA 395.757	
		S	EUR 1 =	AOA 304.296	AOA 389.312	AOA 391.557	AOA 403.688	
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 3.1748	XCD 3.0592	XCD 2.9976	XCD 2.9667	
		V, S	EUR 1 =	XCD 3.2087	XCD 3.0918	XCD 3.0296	XCD 2.9984	
Argentina ¹								
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 27.9603	ARS 42.2630	ARS 43.6800	ARS 59.3100	
		S	USD 1 =	ARS 28.0933	ARS 42.4630	ARS 43.8800	ARS 59.5100	
	ARS	B	EUR 1 =	ARS 32.7610	ARS 47.9896	ARS 48.5023	ARS 65.0038	
		S	EUR 1 =	ARS 32.9871	ARS 48.3229	ARS 48.8341	ARS 65.3717	
Armenia								
Yerevan 077	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 483.02	AMD 477.11	AMD 475.81	AMD 476.10	
		M	EUR 1 =	AMD 570.42	AMD 543.19	AMD 530.28	AMD 525.71	
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 210.14	AWG 202.64	AWG 198.54	AWG 196.58	
		S	EUR 100 =	AWG 212.25	AWG 204.68	AWG 200.54	AWG 198.56	

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.7479	USD 0.7013	USD 0.6894	USD 0.6718
		M	AUD 1 =	EUR 0.6313	EUR 0.6171	EUR 0.6179	EUR 0.6081
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
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 2.0097	AZN 1.9318	AZN 1.8964	AZN 1.8777
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 1.17510	BSD 1.13231	BSD 1.10952	BSD 1.09808
		V, S	EUR 1 =	BSD 1.19576	BSD 1.15223	BSD 1.12904	BSD 1.11740
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 0.37750	BHD 0.37785	BHD 0.37785	BHD 0.37785
		B	EUR 1 =	BHD 0.4312038	BHD 0.4157905	BHD 0.4075455	BHD 0.4050041
		S	EUR 1 =	BHD 0.4578762	BHD 0.4415095	BHD 0.4327545	BHD 0.4300559
Bangladesh ¹							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 83.5083	BDT 84.5000	BDT 84.5000	BDT 84.5000
		S	USD 1 =	BDT 83.5125	BDT 84.5000	BDT 84.5000	BDT 84.5000
		B	EUR 1 =	BDT 98.2612	BDT 96.0596	BDT 93.5753	BDT 92.8571
		S	EUR 1 =	BDT 98.2898	BDT 96.0934	BDT 93.6007	BDT 92.8909
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 2.34733	BBD 2.26384	BBD 2.22183	BBD 2.20092
		S	EUR 1 =	BBD 2.39134	BBD 2.30628	BBD 2.26348	BBD 2.24218
Belarus							
Minsk 073	Belarusian rouble = 100 kopecks BYN	M	USD 1 =	BYN 2.0439	BYN 2.0433	BYN 2.0348	BYN 2.0980
		M	EUR 1 =	BYN 2.4113	BYN 2.3251	BYN 2.2668	BYN 2.3160

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
Belize							
Belmopan 421	Belize dollar = 100 cents	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 2.3365	BZD 2.2561	BZD 2.2087	BZD 2.1767	
	S	EUR 1 =	BZD 2.3777	BZD 2.2959	BZD 2.2477	BZD 2.2429	
Benin ¹							
Porto-Novo Seat of government: Cotonou 284	CFA franc	V	USD 1 =	XOF 555.425	XOF 576.412	XOF 588.249	XOF 594.379
	XOF	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 1.1763	BMD 1.1334	BMD 1.1106	BMD 1.0992	
	V, S	EUR 1 =	BMD 1.1861	BMD 1.1429	BMD 1.1199	BMD 1.1083	
Bhutan ¹							
Thimphu 675	Ngultrum = 100 chhetrum	B	USD 1 =	BTN 67.47	BTN 68.10	BTN 67.85	BTN 70.70
		S	USD 1 =	BTN 69.63	BTN 70.20	BTN 69.95	BTN 72.90
	B	EUR 1 =	BTN 79.54	BTN 77.35	BTN 75.55	BTN 78.25	
	S	EUR 1 =	BTN 81.75	BTN 79.55	BTN 77.60	BTN 80.45	
Bolivia, Plurinational State of							
Sucre Seat of government: La Paz 516	Boliviano = 100 centavos	B	USD 1 =	BOB 6.86	BOB 6.86	BOB 6.86	BOB 6.86
		S	USD 1 =	BOB 6.96	BOB 6.96	BOB 6.96	BOB 6.96
	V, B	EUR 1 =	BOB 8.0997	BOB 7.8067	BOB 7.6496	BOB 7.5707	
	V, S	EUR 1 =	BOB 8.2178	BOB 7.9205	BOB 7.7611	BOB 7.6811	
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga	B	USD 1 =	BAM 1.655251	BAM 1.714359	BAM 1.749095	BAM 1.762049
		S	USD 1 =	BAM 1.663548	BAM 1.722953	BAM 1.757863	BAM 1.770881
	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 0.0982	USD 0.0943	USD 0.0936	USD 0.0904
		S	BWP 1 =	USD 0.0980	USD 0.0941	USD 0.0933	USD 0.0901
	B	BWP 1 =	EUR 0.0833	EUR 0.0828	EUR 0.0839	EUR 0.0819	
	S	BWP 1 =	EUR 0.0831	EUR 0.0826	EUR 0.0837	EUR 0.0817	

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Brazil							
Brasília 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 3.6555	BRL 3.8316	BRL 3.7643	BRL 4.1379
		S	USD 1 =	BRL 3.6561	BRL 3.8322	BRL 3.7649	BRL 4.1385
	BRL	B	EUR 1 =	BRL 4.3257	BRL 4.3577	BRL 4.1893	BRL 4.5463
		S	EUR 1 =	BRL 4.3276	BRL 4.3587	BRL 4.1907	BRL 4.5482
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3412	BND 1.3438	BND 1.3619	BND 1.3780
		S	USD 1 =	BND 1.3596	BND 1.3621	BND 1.3800	BND 1.3967
	BND	B	EUR 1 =	BND 1.5653	BND 1.5137	BND 1.5044	BND 1.4992
		S	EUR 1 =	BND 1.6201	BND 1.5682	BND 1.5586	BND 1.5545
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.65820	BGN 1.71866	BGN 1.75395	BGN 1.77223
		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 555.425	XOF 576.412	XOF 588.249	XOF 594.379
		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 1,766.7631	BIF 1,826.6886	BIF 1,832.8266	BIF 1,837.8459
		S	USD 1 =	BIF 1,802.4553	BIF 1,863.5914	BIF 1,869.8534	BIF 1,874.9741
	BIF	B	EUR 1 =	BIF 2,084.1976	BIF 2,076.9450	BIF 2,044.9763	BIF 2,040.0089
		S	EUR 1 =	BIF 2,126.3026	BIF 2,118.9034	BIF 2,086.2889	BIF 2,081.2213
Cabo Verde							
Praia 247	Cabo Verde escudo = 100 centavos	B	USD 1 =	CVE 93.368	CVE 96.878	CVE 98.756	CVE 99.488
		S	USD 1 =	CVE 93.570	CVE 97.080	CVE 98.958	CVE 99.690
	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 4,044	KHR 4,066	KHR 4,086	KHR 4,088
		B	EUR 1 =	KHR 4,766	KHR 4,624	KHR 4,558	KHR 4,520
	S	EUR 1 =	KHR 4,814	KHR 4,671	KHR 4,604	KHR 4,565	
Cameroon ¹							
Yaoundé 302	CFA franc XAF	V	USD 1 =	XAF 555.425	XAF 576.412	XAF 588.249	XAF 594.379
		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 1.2957	CAD 1.3087	CAD 1.3148	CAD 1.3295
		M	EUR 1 =	CAD 1.5313	CAD 1.4887	CAD 1.4627	CAD 1.4629

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
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 0.9842	KYD 0.9483	KYD 0.9293	KYD 0.9197
Central African Republic ¹							
Bangui 306	CFA franc XAF	V	USD 1 =	XAF 555.425	XAF 576.412	XAF 588.249	XAF 594.379
		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 555.425	XAF 576.412	XAF 588.249	XAF 594.379
		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 641.12	CLP 679.86	CLP 699.98	CLP 720.65
		M	EUR 1 =	CLP 756.15	CLP 772.92	CLP 780.79	CLP 796.56
China							
Beijing 720	Chinese renminbi ⁴ 1 yuan (renminbi) = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.6185	CNY 6.8747	CNY 6.8841	CNY 7.0879
		M	EUR 1 =	CNY 7.8113	CNY 7.8170	CNY 7.6803	CNY 7.8661
		M	HKD 1 =	CNY 0.84482	CNY 0.87966	CNY 0.87984	CNY 0.90332
China (Taiwan)							
Taipei 736	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 30.110	TWD 31.010	TWD 31.040	TWD 31.340
		S	USD 1 =	TWD 30.210	TWD 31.110	TWD 31.140	TWD 31.440
		B	EUR 1 =	TWD 35.42	TWD 35.18	TWD 34.48	TWD 34.45
		S	EUR 1 =	TWD 35.82	TWD 35.58	TWD 34.88	TWD 34.85
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	M	USD 1 =	COP 2,958.634	COP 3,197.23	COP 3,296.85	COP 3,464.15
		V, M	EUR 1 =	COP 3,488.850	COP 3,638.448	COP 3,676.317	COP 3,823.036
Comoros							
Moroni 375	Comorian franc = 100 centimes KMF	V	USD 1 =	KMF 416.56880	KMF 432.30909	KMF 441.18711	KMF 445.78448
		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 555.425	XAF 576.412	XAF 588.249	XAF 594.379
		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. 53. ¹ See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 1,591.7807	CDF 1,612.0476	CDF 1,612.9719	CDF 1,620.3167
		S	USD 1 =	CDF 1,656.7522	CDF 1,677.8455	CDF 1,678.8075	CDF 1,686.4521
	CDF	B	EUR 1 =	CDF 1,876.6535	CDF 1,821.8830	CDF 1,836.1523	CDF 1,798.6160
		S	EUR 1 =	CDF 1,953.2516	CDF 1,896.2456	CDF 1,911.0973	CDF 1,871.9041
Cook Islands ¹							
Avarua 837	Cook Islands dollar ² = 100 cents NZD	B	NZD 1 =	EUR 0.5993	EUR 0.6044	EUR 0.6064	EUR 0.5847
		S	NZD 1 =	EUR 0.5735	EUR 0.5781	EUR 0.5799	EUR 0.5589
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 575.06	CRC 576.72	CRC 567.11	CRC 567.66
		S	USD 1 =	CRC 581.56	CRC 583.64	CRC 573.46	CRC 575.16
	CRC	V, B	EUR 1 =	CRC 677.7717	CRC 656.3074	CRC 632.3844	CRC 626.4696
		V, S	EUR 1 =	CRC 685.4209	CRC 664.1823	CRC 639.4652	CRC 634.7466
Côte d'Ivoire ¹							
Yamoussoukro Seat of government: Abidjan 272	CFA franc XOF	V	USD 1 =	XOF 555.425	XOF 576.412	XOF 588.249	XOF 594.379
		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 6.260285	HRK 6.478436	HRK 6.595187	HRK 6.678424
		S	USD 1 =	HRK 6.297960	HRK 6.517424	HRK 6.634877	HRK 6.718616
	HRK	B	EUR 1 =	HRK 7.391647	HRK 7.368574	HRK 7.350996	HRK 7.374316
		S	EUR 1 =	HRK 7.436130	HRK 7.412918	HRK 7.395234	HRK 7.418696
Cuba ¹							
Havana 448	Convertible peso/ Cuban peso = 100 centavos	⁴ B	CUC 1 =	USD 1.01464	USD 1.01009	USD 1.01009	USD 1.01009
		⁴ S	CUC 1 =	USD 0.98589	USD 0.99010	USD 0.99010	USD 0.99010
	CUC/CUP	B	EUR 1 =	CUC 1.16158	CUC 1.12528	CUC 1.10399	CUC 1.09409
		S	EUR 1 =	CUC 1.19594	CUC 1.14802	CUC 1.12631	CUC 1.11621
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 210.14	ANG 202.65	ANG 198.55	ANG 196.59
		S	EUR 100 =	ANG 214.38	ANG 206.73	ANG 202.55	ANG 200.55
Cyprus							
Nicosia 600	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
Czechia							
Prague 061	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 21.735	CZK 22.363	CZK 23.014	CZK 23.484
		M	EUR 1 =	CZK 25.677	CZK 25.445	CZK 25.660	CZK 25.915

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 631.74	DKK 655.85	DKK 669.66	DKK 675.63
		M	EUR 100 =	DKK 745.32	DKK 746.36	DKK 746.74	DKK 745.62
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 206.95	DJF 198.54	DJF 195.72	DJF 194.44
		S	EUR 1 =	DJF 215.40	DJF 208.35	DJF 203.36	DJF 202.03
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 3.1748	XCD 3.0592	XCD 2.9976	XCD 2.9667
		V, S	EUR 1 =	XCD 3.2087	XCD 3.0918	XCD 3.0296	XCD 2.9984
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 49.1931	DOP 50.4456	DOP 50.6806	DOP 50.9174
		S	USD 1 =	DOP 49.6149	DOP 50.8970	DOP 51.1545	DOP 51.4510
		B	EUR 1 =	DOP 57.5023	DOP 56.5227	DOP 56.0940	DOP 56.1736
		S	EUR 1 =	DOP 60.8134	DOP 59.8023	DOP 59.6480	DOP 59.6928
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 17.7158	EGP 16.65	EGP 16.53	EGP 16.50
		S	USD 1 =	EGP 17.8158	EGP 16.75	EGP 16.63	EGP 16.60
		B	EUR 1 =	EGP 20.8527	EGP 18.8961	EGP 18.2921	EGP 18.2441
		S	EUR 1 =	EGP 21.1017	EGP 19.0632	EGP 18.5624	EGP 18.4044
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 10.3338	SVC 9.9575	SVC 9.7571	SVC 9.6565
Equatorial Guinea 1							
Malabo 310	CFA franc XAF	V	USD 1 =	XAF 555.425	XAF 576.412	XAF 588.249	XAF 594.379
		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 17.7168	ERN 17.0685	ERN 16.6875	ERN 16.6110
		S	EUR 1 =	ERN 18.3530	ERN 17.7047	ERN 17.3237	ERN 17.2472
Estonia							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. 1 See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Ethiopia							
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 27.4629	ETB 28.9109	ETB 29.0308	ETB 29.1524
		S	USD 1 =	ETB 28.0122	ETB 29.4891	ETB 29.6114	ETB 29.7354
	ETB	B	EUR 1 =	ETB 32.4260	ETB 32.8746	ETB 32.3548	ETB 32.2805
		S	EUR 1 =	ETB 33.0757	ETB 33.5321	ETB 33.0019	ETB 32.9261
Eswatini ¹							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 13.2210	SZL 14.1412	SZL 14.1473	SZL 15.2872
		S	USD 1 =	SZL 13.2380	SZL 14.1467	SZL 14.1521	SZL 15.2936
	SZL	B	EUR 1 =	SZL 15.56690	SZL 16.0918	SZL 15.7808	SZL 16.8746
		S	EUR 1 =	SZL 15.59092	SZL 16.0987	SZL 15.7876	SZL 16.8834
Falkland Islands (Islas Malvinas)							
Stanley 529	Falkland Islands pound ² = 100 pence FKP	V	USD 1 =	FKP 0.74912	FKP 0.78783	FKP 0.82166	FKP 0.82063
		V	EUR 1 =	FKP 0.88471	FKP 0.89655	FKP 0.91623	FKP 0.90565
Fiji							
Suva 815	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4869	USD 0.4750	USD 0.4704	USD 0.4630
		S	FJD 1 =	USD 0.4699	USD 0.4580	USD 0.4534	USD 0.4460
	FJD	B	FJD 1 =	EUR 0.4112	EUR 0.4159	EUR 0.4196	EUR 0.4166
		S	FJD 1 =	EUR 0.3992	EUR 0.4039	EUR 0.4076	EUR 0.4046
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
Gabon ¹							
Libreville 314	CFA franc XAF	V	USD 1 =	XAF 555.425	XAF 576.412	XAF 588.249	XAF 594.379
		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 48.15	GMD 49.71	GMD 49.93	GMD 50.29
		M	EUR 1 =	GMD 57.13	GMD 56.23	GMD 56.51	GMD 56.32
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 =	GEL 2.5403	GEL 2.8791	GEL 2.9507	GEL 2.9379
		M	EUR 1 =	GEL 2.9973	GEL 3.2758	GEL 3.2889	GEL 3.2531

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
Ghana							
Accra 276	Ghana cedi = 100 Ghana pesewas	B	USD 1 =	GHS 4.5987	GHS 5.2564	GHS 5.2544	GHS 5.2788
		S	USD 1 =	GHS 4.6033	GHS 5.2616	GHS 5.2596	GHS 5.2840
	B	EUR 1 =	GHS 5.4149	GHS 5.9808	GHS 5.8503	GHS 5.8069	
	S	EUR 1 =	GHS 5.4191	GHS 5.9855	GHS 5.8553	GHS 5.8119	
Gibraltar							
Gibraltar 044	Gibraltar pound ² = 100 pence GIP	V	USD 1 =	GIP 0.74912	GIP 0.78783	GIP 0.82166	GIP 0.82063
		V	EUR 1 =	GIP 0.88471	GIP 0.89655	GIP 0.91623	GIP 0.90565
Greece ¹							
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
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 3.1748	XCD 3.0592	XCD 2.9976	XCD 2.9667	
	V, S	EUR 1 =	XCD 3.2087	XCD 3.0918	XCD 3.0296	XCD 2.9984	
Guatemala							
Guatemala City 416	Quetzal = 100 centavos GTQ	M	USD 1 =	GTQ 7.53678	GTQ 7.70823	GTQ 7.68161	GTQ 7.68091
		V, M	EUR 1 =	GTQ 8.88361	GTQ 8.77197	GTQ 8.56576	GTQ 8.47665
Guinea							
Conakry 260	Guinean franc GNF	M	USD 1 =	GNF 8,904.1667	GNF 9,154.0000	GNF 9,177.9053	GNF 9,170.0000
		M	EUR 1 =	GNF 10,490.7890	GNF 10,408.1014	GNF 10,237.0366	GNF 10,163.1052
Guinea-Bissau ¹							
Bissau 257	CFA franc XOF	V	USD 1 =	XOF 555.425	XOF 576.412	XOF 588.249	XOF 594.379
		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 207.48	GYD 207.98	GYD 207.98	GYD 207.98
		S	USD 1 =	GYD 209.95	GYD 210.45	GYD 210.45	GYD 210.45
	B	EUR 1 =	GYD 244.59	GYD 236.47	GYD 231.75	GYD 229.44	
	S	EUR 1 =	GYD 247.72	GYD 239.50	GYD 234.72	GYD 232.38	

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 68.5596	HTG 93.0256	HTG 93.2599	HTG 93.3893
		V, M	EUR 1 =	HTG 80.7298	HTG 105.8631	HTG 103.9941	HTG 103.0644
Honduras							
Tegucigalpa 424	Lempira = 100 centavos HNL	B	USD 1 =	HNL 23.9317	HNL 24.5076	HNL 24.5135	HNL 24.5714
		S	USD 1 =	HNL 24.0992	HNL 24.6792	HNL 24.6851	HNL 24.7434
		V, B	EUR 1 =	HNL 28.2144	HNL 27.8896	HNL 27.3350	HNL 27.1170
		V, S	EUR 1 =	HNL 28.4119	HNL 28.0849	HNL 27.5264	HNL 27.3068
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.81855	HKD 7.78760	HKD 7.80690	HKD 7.80200
		S	USD 1 =	HKD 7.85902	HKD 7.82830	HKD 7.84750	HKD 7.87980
		B	EUR 1 =	HKD 9.21168	HKD 8.84434	HKD 8.68094	HKD 8.52440
		S	EUR 1 =	HKD 9.28494	HKD 8.93076	HKD 8.76716	HKD 8.71310
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 270.25	HUF 284.08	HUF 293.54	HUF 299.95
		M	EUR 1 =	HUF 319.90	HUF 323.54	HUF 327.15	HUF 331.11
Iceland							
Reykjavik 024	Icelandic krona ISK	B	USD 1 =	ISK 107.965	ISK 124.16	ISK 120.57	ISK 125.12
		S	USD 1 =	ISK 108.479	ISK 124.76	ISK 121.15	ISK 125.72
		B	EUR 1 =	ISK 127.37	ISK 141.30	ISK 134.32	ISK 138.11
		S	EUR 1 =	ISK 128.30	ISK 142.10	ISK 135.08	ISK 138.89
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	M	USD 1 =	INR 68.3696	INR 68.9180	INR 68.8569	INR 71.7586
		M	EUR 1 =	INR 80.7937	INR 78.3579	INR 76.8420	INR 79.2397
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 14,176.33	IDR 14,070.00	IDR 13,956.00	IDR 14,166.00
		S	USD 1 =	IDR 14,319.00	IDR 14,212.00	IDR 14,096.00	IDR 14,308.00
		B	EUR 1 =	IDR 16,723.60	IDR 15,991.96	IDR 15,562.34	IDR 15,652.01
		S	EUR 1 =	IDR 16,895.44	IDR 16,159.04	IDR 15,724.09	IDR 15,810.34
Iran, Islamic Republic of ¹							
Tehran 616	Iranian rial = 100 dinars IRR	² M	USD 1 =	IRR 41,069 ⁴	IRR 42,000	IRR 42,000	IRR 42,000
		² M	EUR 1 =	IRR 48,406 ⁴	IRR 47,754	IRR 46,849	IRR 46,226
		³ M	USD 1 =	IRR .	IRR 129,500	IRR 121,000	IRR 115,000
		³ M	EUR 1 =	IRR .	IRR 147,500	IRR 134,800	IRR 127,000

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 ff.

² Central bank rate. ³ Bureau de change rate. ⁴ Due to several changes in the exchange rate regime only of limited informative value.

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 2018	Rate at end of month			
					June 2019	July 2019	August 2019	
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
			S	USD 1 =	IQD 1,188.00	IQD 1,190.00	IQD 1,190.00	IQD 1,190.00
		B	S	EUR 1 =	IQD 1,397.087	IQD 1,345.116	IQD 1,318.048	IQD 1,308.710
			S	EUR 1 =	IQD 1,400.610	IQD 1,354.220	IQD 1,326.969	IQD 1,317.568
		3	S	USD 1 =	IQD 1,204.65	IQD 1,193.615	IQD 1,194.086	IQD 1,198.887
V, S	S	EUR 1 =	IQD 1,420.96	IQD 1,358.33	IQD 1,331.53	IQD 1,323.09		
Ireland								
Dublin 007	Euro = 100 cent EUR		M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
Israel								
Jerusalem 624	New shekel = 100 agorot ILS		M	USD 1 =	ILS 3.5970	ILS 3.5660	ILS 3.4990	ILS 3.5350
			M	EUR 1 =	ILS 4.2524	ILS 4.0616	ILS 3.8997	ILS 3.9029
Italy								
Rome 005	Euro = 100 cent EUR		M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
Jamaica								
Kingston 464	Jamaican dollar = 100 cents JMD	B	S	USD 1 =	JMD 128.0409	JMD 129.9708	JMD 135.0796	JMD 135.9552
			S	USD 1 =	JMD 129.6176	JMD 131.1039	JMD 136.6824	JMD 137.8597
		B	S	EUR 1 =	JMD 146.23049	JMD 141.0232	JMD 146.0595	JMD 152.7918
			S	EUR 1 =	JMD 154.30423	JMD 150.5247	JMD 152.2541	JMD 154.2796
Japan								
Tokyo 732	Japanese yen = 100 sen JPY	B	S	USD 1 =	JPY 109.44	JPY 106.79	JPY 107.64	JPY 105.46
			S	USD 1 =	JPY 111.44	JPY 108.79	JPY 109.64	JPY 107.46
		B	S	EUR 1 =	JPY 128.51	JPY 120.99	JPY 119.69	JPY 116.13
			S	EUR 1 =	JPY 131.51	JPY 123.99	JPY 122.69	JPY 119.13
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
			S	USD 1 =	JOD 0.7100	JOD 0.7100	JOD 0.7100	JOD 0.7100
		B	S	EUR 1 =	JOD 0.83297	JOD 0.80365	JOD 0.78900	JOD 0.78376
			S	EUR 1 =	JOD 0.83920	JOD 0.80890	JOD 0.79250	JOD 0.78718
Kazakhstan ⁴								
Nur-Sultan 079	Tenge = 100 tiyn KZT		M	USD 1 =	KZT 346.62	KZT 380.53	KZT 384.56	KZT 387.46
			M	EUR 1 =	KZT 408.59	KZT 433.08	KZT 428.52	KZT 429.15

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 ff. ² Official rate; value against the US dollar. ³ Market rate; since June 2019 only

selling rates are available. ⁴ On March 23, 2019, the capital of Kazakhstan was re-named from Astana to Nur-Sultan.

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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Kenya ¹							
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 101.2370	KES 102.1983	KES 104.1139	KES 103.4500
		S	USD 1 =	KES 101.4372	KES 102.3983	KES 104.3056	KES 103.6500
	KES	B	EUR 1 =	KES 119.3664	KES 116.1806	KES 115.8172	KES 114.5050
		S	EUR 1 =	KES 119.6328	KES 116.4306	KES 116.0728	KES 114.7544
Korea, Democratic People's Republic of ²							
Pyongyang 724	North Korean won = 100 chon	B	USD 1 =	KPW 105.14	KPW 106.60	KPW 107.77	KPW 107.99
		S	USD 1 =	KPW 106.02	KPW 107.66	KPW 108.84	KPW 109.07
	KPW	B	EUR 1 =	KPW 123.85	KPW 121.50	KPW 120.17	KPW 119.87
		S	EUR 1 =	KPW 124.88	KPW 122.71	KPW 121.37	KPW 121.07
Korea, Republic of							
Seoul 728	South Korean won = 100 chon	B	USD 1 =	KRW 1,091.21	KRW 1,144.20	KRW 1,171.50	KRW 1,197.70
		S	USD 1 =	KRW 1,112.71	KRW 1,166.80	KRW 1,194.50	KRW 1,221.30
	KRW	B	EUR 1 =	KRW 1,283.68	KRW 1,302.10	KRW 1,305.39	KRW 1,322.06
		S	EUR 1 =	KRW 1,309.60	KRW 1,328.40	KRW 1,331.75	KRW 1,348.76
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.30068	KWD 0.30195	KWD 0.30275	KWD 0.30225
		S	USD 1 =	KWD 0.30428	KWD 0.30555	KWD 0.30635	KWD 0.30585
	KWD	B	EUR 1 =	KWD 0.354396	KWD 0.343151	KWD 0.337566	KWD 0.333548
		S	EUR 1 =	KWD 0.358627	KWD 0.347242	KWD 0.341580	KWD 0.337521
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tyiyn KGS	M	USD 1 =	KGS 68.8858	KGS 69.4928	KGS 69.7504	KGS 69.8065
		M	EUR 1 =	KGS 81.3869	KGS 79.1488	KGS 77.7508	KGS 77.0594
Lao People's Democratic Republic							
Vientiane 684	Kip	B	USD 1 =	LAK 8,408	LAK 8,648	LAK 8,682	LAK 8,751
		S	USD 1 =	LAK 8,433	LAK 8,663	LAK 8,697	LAK 8,766
	LAK	B	EUR 1 =	LAK 9,885	LAK 9,822	LAK 9,685	LAK 9,676
		S	EUR 1 =	LAK 9,931	LAK 9,868	LAK 9,731	LAK 9,722
Latvia							
Riga 054	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
Lebanon							
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 1,782.68	LBP 1,717.19	LBP 1,680.56	LBP 1,664.43
Lesotho ¹							
Maseru 395	Loti = 100 lisente LSL	M	USD 1 =	LSL 13.2646	LSL 14.1444	LSL 14.2201	LSL 15.2641
		M	EUR 1 =	LSL 15.6033	LSL 16.1048	LSL 15.8554	LSL 16.8516

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents	B	USD 1 =	LRD 144.36	LRD 195.6596	LRD 201.9520	LRD 205.8776
		S	USD 1 =	LRD 145.23	LRD 197.2402	LRD 203.2756	LRD 207.1216
	LRD	V, B	EUR 1 =	LRD 169.8138	LRD 222.6606	LRD 225.1967	LRD 227.2065
		V, S	EUR 1 =	LRD 170.8374	LRD 224.4593	LRD 226.6726	LRD 228.5794
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham	B	USD 1 =	LYD 1.3631	LYD 1.3868	LYD 1.4009	LYD 1.4066
		S	USD 1 =	LYD 1.3700	LYD 1.3937	LYD 1.4080	LYD 1.4136
	LYD	B	EUR 1 =	LYD 1.6066	LYD 1.5772	LYD 1.5633	LYD 1.5588
		S	EUR 1 =	LYD 1.6147	LYD 1.5851	LYD 1.5711	LYD 1.5666
Lithuania							
Vilnius 055	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
Luxembourg							
Luxembourg 018	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
Macao ¹							
Macao 743	Pataca = 100 avos	B	USD 1 =	MOP 8.0672	MOP 8.0373	MOP 8.0565	MOP 8.0734
		S	USD 1 =	MOP 8.0921	MOP 8.0598	MOP 8.0790	MOP 8.0959
	MOP	B	EUR 1 =	MOP 9.5102	MOP 9.1427	MOP 8.9747	MOP 8.9071
		S	EUR 1 =	MOP 9.5588	MOP 9.1812	MOP 9.0132	MOP 8.9456
Macedonia, former Yugoslav Republic of ²							
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 3,340.90	MGA 3,603.82	MGA 3,649.10	MGA 3,708.67
		M	EUR 1 =	MGA 3,939.56	MGA 4,098.01	MGA 4,056.59	MGA 4,090.62
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala	B	USD 1 =	MWK 717.8509	MWK 764.2345	MWK 734.3984	MWK 721.6524
		S	USD 1 =	MWK 736.2822	MWK 786.0941	MWK 755.5558	MWK 742.7396
	MWK	B	EUR 1 =	MWK 847.2160	MWK 869.3931	MWK 819.6621	MWK 797.1372
		S	EUR 1 =	MWK 868.9726	MWK 894.2607	MWK 843.2758	MWK 820.4302
Malaysia							
Kuala Lumpur Seat of government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 3.9706	MYR 4.0833	MYR 4.0643	MYR 4.1600
		S	USD 1 =	MYR 4.0991	MYR 4.2017	MYR 4.1897	MYR 4.2790
	MYR	B	EUR 1 =	MYR 4.6691	MYR 4.6199	MYR 4.5147	MYR 4.5856
		S	EUR 1 =	MYR 4.8499	MYR 4.8027	MYR 4.6934	MYR 4.7470

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 ff. ² New country name: North Macedonia.

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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Maldives							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.40	MVR 15.41	MVR 15.37	MVR 15.27
		V, M	EUR 1 =	MVR 18.16330	MVR 17.53658	MVR 17.13909	MVR 16.85197
Mali 1							
Bamako 232	CFA franc XOF	V	USD 1 =	XOF 555.425	XOF 576.412	XOF 588.249	XOF 594.379
		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 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
Mauritania							
Nouakchott 228	Ouguiya MRU	B	USD 1 =	MRU 35.61	MRU 36.61	MRU 36.57	MRU 36.64
		S	USD 1 =	MRU 35.97	MRU 36.98	MRU 36.93	MRU 37.01
		B	EUR 1 =	MRU 42.03	MRU 41.64	MRU 40.76	MRU 40.57
		S	EUR 1 =	MRU 42.45	MRU 42.05	MRU 41.17	MRU 40.98
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 33.6405	MUR 35.0992	MUR 35.6641	MUR 35.7190
		S	USD 1 =	MUR 34.6236	MUR 35.9986	MUR 36.5636	MUR 36.6186
		B	EUR 1 =	MUR 39.5707	MUR 39.7540	MUR 39.6397	MUR 39.3147
		S	EUR 1 =	MUR 40.7996	MUR 40.8886	MUR 40.7607	MUR 40.4316
Mexico							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 19.2071	MXN 19.1910	MXN 18.9955	MXN 20.0490
		S	USD 1 =	MXN 19.2144	MXN 19.1970	MXN 19.0000	MXN 20.0550
		V, B	EUR 1 =	MXN 22.6936	MXN 21.8394	MXN 21.1819	MXN 22.1261
		V, S	EUR 1 =	MXN 22.7021	MXN 21.8462	MXN 21.1869	MXN 22.1327
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 16.8043	MDL 18.1452	MDL 17.7366	MDL 17.8322
		M	EUR 1 =	MDL 19.8400	MDL 20.6484	MDL 19.7702	MDL 19.7482
Mongolia							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 2,483.64	MNT 2,657.76	MNT 2,666.00	MNT 2,672.00
		M	EUR 1 =	MNT 2,928.63	MNT 3,026.39	MNT 2,973.26	MNT 2,949.35
Morocco							
Rabat 204	Moroccan dirham = 100 centimes MAD	M	USD 1 =	MAD 9.3893	MAD 9.5718	MAD 9.6123	MAD 9.6288
		M	EUR 1 =	MAD 11.0887	MAD 10.8956	MAD 10.7139	MAD 10.6283

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. 1 See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Mozambique							
Maputo 366	Metical = 100 centavos	B	USD 1 =	MZN 59.82	MZN 61.52	MZN 60.86	MZN 60.72
		S	USD 1 =	MZN 61.01	MZN 62.71	MZN 62.01	MZN 61.92
	MZN	B	EUR 1 =	MZN 70.66	MZN 70.04	MZN 67.87	MZN 67.03
		S	EUR 1 =	MZN 72.05	MZN 71.39	MZN 69.16	MZN 68.36
Myanmar							
Nay Pyi Taw 676	Kyat = 100 pyas MMK	M	USD 1 =	MMK 1,440.42	MMK 1,515.00	MMK 1,509.70	MMK 1,521.70
		M	EUR 1 =	MMK 1,695.58	MMK 1,725.30	MMK 1,682.60	MMK 1,680.00
Namibia ¹							
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 13.2345	NAD 14.1708	NAD 14.1861	NAD 15.3206
		M	EUR 1 =	NAD 15.5835	NAD 16.0996	NAD 15.8284	NAD 16.9246
Nepal							
Kathmandu 672	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 109.25	NPR 110.13	NPR 109.88	NPR 113.95
		S	USD 1 =	NPR 109.85	NPR 110.73	NPR 110.48	NPR 114.55
	NPR	B	EUR 1 =	NPR 128.90	NPR 125.30	NPR 122.49	NPR 125.77
		S	EUR 1 =	NPR 129.61	NPR 125.99	NPR 123.16	NPR 126.43
Netherlands							
Amsterdam Seat of government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
New Caledonia ¹							
Nouméa 809	CFP franc XPF	V	XPF 1,000 =	USD 9.90	USD 9.54	USD 9.34	USD 9.25
		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 0.7068	USD 0.6848	USD 0.6741	USD 0.6436
		S	NZD 1 =	USD 0.6815	USD 0.6601	USD 0.6497	USD 0.6200
	NZD	B	NZD 1 =	EUR 0.5993	EUR 0.6044	EUR 0.6064	EUR 0.5847
		S	NZD 1 =	EUR 0.5735	EUR 0.5781	EUR 0.5799	EUR 0.5589
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 31.6153	NIO 33.1222	NIO 33.2598	NIO 33.3979
		V, M	EUR 1 =	NIO 37.26925	NIO 37.69306	NIO 37.08800	NIO 36.85792

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Niger ¹							
Niamey 240	CFA franc	V	USD 1 =	XOF 555.425	XOF 576.412	XOF 588.249	XOF 594.379
	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 305.10	NGN 305.90	NGN 305.85	NGN 306.00
		S	USD 1 =	NGN 306.10	NGN 306.90	NGN 306.85	NGN 307.00
	NGN	B	EUR 1 =	NGN 360.3831	NGN 348.0530	NGN 341.0228	NGN 337.8240
		S	EUR 1 =	NGN 361.5644	NGN 349.1908	NGN 342.1378	NGN 338.9280
North Macedonia ¹							
Skopje 096	North Macedonia denar = 100 deni	B	USD 1 =	MKD 51.8497	MKD 53.8851	MKD 54.8570	MKD 55.2548
		S	USD 1 =	MKD 52.3708	MKD 54.4266	MKD 55.4084	MKD 55.8101
	MKD	B	EUR 1 =	MKD 61.2037	MKD 61.2673	MKD 61.1875	MKD 61.1781
		S	EUR 1 =	MKD 61.8188	MKD 61.8831	MKD 61.8025	MKD 61.7929
Norway							
Oslo 028	Norwegian krone = 100 øre	B	USD 1 =	NOK 8.1037	NOK 8.4742	NOK 8.7160	NOK 9.0762
		S	USD 1 =	NOK 8.1687	NOK 8.5462	NOK 8.7880	NOK 9.1482
	NOK	B	EUR 1 =	NOK 9.5874	NOK 9.6447	NOK 9.7229	NOK 10.0190
		S	EUR 1 =	NOK 9.6594	NOK 9.7237	NOK 9.8019	NOK 10.0980
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 0.4528544	OMR 0.4366464	OMR 0.4283136	OMR 0.4255488
		S	EUR 1 =	OMR 0.4541107	OMR 0.4378605	OMR 0.4295060	OMR 0.4267340
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa	B	USD 1 =	PKR 121.67	PKR 164.00	PKR 159.75	PKR 157.10
		S	USD 1 =	PKR 121.90	PKR 164.50	PKR 160.25	PKR 157.60
	PKR	B	EUR 1 =	PKR 143.54	PKR 186.37	PKR 178.17	PKR 173.49
		S	EUR 1 =	PKR 143.80	PKR 186.99	PKR 178.77	PKR 174.05
Panama ¹							
Panama City 442	Balboa = 100 centésimos	4	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
	PAB	V	EUR 1 =	PAB 1.1810	PAB 1.1380	PAB 1.1151	PAB 1.1036
Papua New Guinea							
Port Moresby 801	Kina = 100 toea	B	PGK 1 =	USD 0.3108	USD 0.3030	USD 0.3020	USD 0.3015
		S	PGK 1 =	USD 0.2958	USD 0.2880	USD 0.2870	USD 0.2865
	PGK	B	PGK 1 =	EUR 0.2612	EUR 0.2633	EUR 0.2674	EUR 0.2693
		S	PGK 1 =	EUR 0.2462	EUR 0.2483	EUR 0.2524	EUR 0.2543

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Paraguay							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 5,727.98	PYG 6,183.21	PYG 5,994.48	PYG 6,246.48
		S	USD 1 =	PYG 5,739.88	PYG 6,197.68	PYG 6,003.89	PYG 6,257.34
	PYG	V, B	EUR 1 =	PYG 6,762.15	PYG 7,036.49	PYG 6,684.44	PYG 6,893.62
		V, S	EUR 1 =	PYG 6,776.14	PYG 7,052.96	PYG 6,694.94	PYG 6,905.60
Peru							
Lima 504	Sol = 100 céntimos	B	USD 1 =	PEN 3.285	PEN 3.285	PEN 3.308	PEN 3.392
		S	USD 1 =	PEN 3.289	PEN 3.290	PEN 3.310	PEN 3.399
	PEN	B	EUR 1 =	PEN 3.811	PEN 3.616	PEN 3.631	PEN 3.717
		S	EUR 1 =	PEN 4.000	PEN 3.922	PEN 3.801	PEN 3.807
Philippines							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 52.48	PHP 50.90	PHP 50.55	PHP 51.85
		S	USD 1 =	PHP 52.98	PHP 51.40	PHP 51.05	PHP 52.35
	PHP	B	EUR 1 =	PHP 60.5284	PHP 56.3191	PHP 54.8516	PHP 55.7775
		S	EUR 1 =	PHP 63.7421	PHP 59.6266	PHP 58.0870	PHP 59.0367
Poland							
Warsaw 060	Polish zloty = 100 groszy PLN	M	USD 1 =	PLN 3.6125	PLN 3.7336	PLN 3.8504	PLN 3.9717
		M	EUR 1 =	PLN 4.2669	PLN 4.2520	PLN 4.2911	PLN 4.3844
Portugal							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
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 4.2927	QAR 4.1423	QAR 4.0590	QAR 4.0171
Romania							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 3.9433	RON 4.1587	RON 4.2469	RON 4.2827
		M	EUR 1 =	RON 4.6558	RON 4.7351	RON 4.7336	RON 4.7294
Russian Federation							
Moscow 075	Russian rouble = 100 kopecks RUB	M	USD 1 =	RUB 62.9446	RUB 63.0756	RUB 63.3791	RUB 66.4897
		M	EUR 1 =	RUB 74.0611	RUB 71.8179	RUB 70.5980	RUB 73.3847

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Rwanda							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 853.180023	RWF 889.390434	RWF 893.295183	RWF 896.892033
		S	USD 1 =	RWF 870.241900	RWF 907.176446	RWF 911.159283	RWF 914.828061
	RWF	B	EUR 1 =	RWF 1,008.609844	RWF 1,010.614350	RWF 996.649436	RWF 990.796628
		S	EUR 1 =	RWF 1,028.780004	RWF 1,030.824596	RWF 1,016.580412	RWF 1,010.610560
Saint Helena, Ascension and Tristan da Cunha							
Jamestown 329	Saint Helena pound 2 = 100 pence SHP	V	USD 1 =	SHP 0.74912	SHP 0.78783	SHP 0.82166	SHP 0.82063
		V	EUR 1 =	SHP 0.88471	SHP 0.89655	SHP 0.91623	SHP 0.90565
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 3.1748	XCD 3.0592	XCD 2.9976	XCD 2.9667
		V, S	EUR 1 =	XCD 3.2087	XCD 3.0918	XCD 3.0296	XCD 2.9984
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 3.1748	XCD 3.0592	XCD 2.9976	XCD 2.9667
		V, S	EUR 1 =	XCD 3.2087	XCD 3.0918	XCD 3.0296	XCD 2.9984
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 3.1748	XCD 3.0592	XCD 2.9976	XCD 2.9667
		V, S	EUR 1 =	XCD 3.2087	XCD 3.0918	XCD 3.0296	XCD 2.9984
Samoa							
Apia 819	Tala = 100 sene WST	M	WST 1 =	USD 0.38875	USD 0.38013	USD 0.37713	USD 0.36988
		M	WST 1 =	EUR 0.32973	EUR 0.33439	EUR 0.33804	EUR 0.33463
Sao Tome and Principe							
São Tomé 311	Dobra = 100 cêntimos	B	USD 1 =	STN 20.7647	STN 21.5479	STN 21.9652	STN 22.1279
		S	USD 1 =	STN 21.0762	STN 21.8712	STN 22.2947	STN 22.4598
	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 4.4221	SAR 4.2705	SAR 4.1773	SAR 4.1499

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. 1 See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Senegal ¹							
Dakar 248	CFA franc	V	USD 1 =	XOF 555.425	XOF 576.412	XOF 588.249	XOF 594.379
	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 99.9481	RSD 103.4572	RSD 105.2194	RSD 106.2864
		S	USD 1 =	RSD 100.5496	RSD 104.0798	RSD 105.8526	RSD 106.9260
	RSD	B	EUR 1 =	RSD 117.9053	RSD 117.5584	RSD 117.3933	RSD 117.4252
		S	EUR 1 =	RSD 118.6148	RSD 118.2658	RSD 118.0997	RSD 118.1318
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 13.7032	SCR 13.8459	SCR 13.7773	SCR 13.8653
		S	USD 1 =	SCR 14.0698	SCR 14.1754	SCR 14.1317	SCR 14.1804
	SCR	B	EUR 1 =	SCR 16.2129	SCR 15.7911	SCR 15.4220	SCR 15.4925
		S	EUR 1 =	SCR 16.6326	SCR 16.1037	SCR 15.7958	SCR 15.6971
Sierra Leone							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 7,878.57	SLL 8,737.51	SLL 8,866.37	SLL 9,167.75
		S	USD 1 =	SLL 8,037.73	SLL 8,914.02	SLL 9,045.48	SLL 9,352.95
	SLL	B	EUR 1 =	SLL 9,290.70	SLL 9,944.80	SLL 9,892.98	SLL 10,117.77
		S	EUR 1 =	SLL 9,475.79	SLL 10,143.32	SLL 10,087.18	SLL 10,318.07
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.3486	SGD 1.3535	SGD 1.3694	SGD 1.3887
		M	EUR 1 =	SGD 1.5915	SGD 1.5383	SGD 1.5275	SGD 1.5337
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 210.14	ANG 202.65	ANG 198.55	ANG 196.59
		S	EUR 100 =	ANG 214.38	ANG 206.73	ANG 202.55	ANG 200.55
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents SBD	M	SBD 1 =	USD 0.1255	USD 0.1225	USD 0.1220	USD 0.1211
		M	SBD 1 =	EUR 0.10644	EUR 0.10780	EUR 0.10950	EUR 0.10930

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
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 13.1043	ZAR 13.9413	ZAR 14.0288	ZAR 15.0525
		S	USD 1 =	ZAR 13.4218	ZAR 14.2588	ZAR 14.3463	ZAR 15.3700
	ZAR	B	EUR 1 =	ZAR 15.3622	ZAR 15.8444	ZAR 15.5955	ZAR 16.5996
		S	EUR 1 =	ZAR 15.8001	ZAR 16.2804	ZAR 16.0291	ZAR 17.0326
South Sudan							
Juba 225	South Sudanese pound = 100 piastres	M	USD 1 =	SSP 142.3526	SSP 158.6628	SSP 159.1456	SSP 159.4575
		M	EUR 1 =	SSP 167.7415	SSP 180.3998	SSP 176.9704	SSP 176.6475
SSP							
Spain							
Madrid 011	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1810	USD 1.1380	USD 1.1151	USD 1.1036
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 161.0435	LKR 174.6059	LKR 174.3269	LKR 178.4366
		S	USD 1 =	LKR 164.6315	LKR 178.3574	LKR 177.9768	LKR 182.1028
	LKR	B	EUR 1 =	LKR 188.8604	LKR 197.2812	LKR 193.2255	LKR 195.8683
		S	EUR 1 =	LKR 195.5350	LKR 204.0475	LKR 199.7739	LKR 202.4444
Sudan							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 25.3413	SDG 45.0000	SDG 45.0000	SDG 45.0000
		S	USD 1 =	SDG 25.4681	SDG 45.2250	SDG 45.2250	SDG 45.2250
	SDG	B	EUR 1 =	SDG 29.5831	SDG 51.1799	SDG 50.1993	SDG 49.8636
		S	EUR 1 =	SDG 29.7310	SDG 51.4357	SDG 50.4503	SDG 50.1129
Suriname							
Paramaribo 492	Suriname dollar = 100 cents	B	USD 1 =	SRD 7.401	SRD 7.396	SRD 7.396	SRD 7.396
		S	USD 1 =	SRD 7.525	SRD 7.520	SRD 7.520	SRD 7.520
	SRD	B	EUR 1 =	SRD 8.729	SRD 8.399	SRD 8.249	SRD 8.189
		S	EUR 1 =	SRD 8.866	SRD 8.530	SRD 8.388	SRD 8.326
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 8.6396	SEK 9.2188	SEK 9.5112	SEK 9.7380
		S	USD 1 =	SEK 8.7446	SEK 9.3238	SEK 9.6162	SEK 9.8430
	SEK	B	EUR 1 =	SEK 10.2389	SEK 10.5006	SEK 10.6096	SEK 10.7503
		S	EUR 1 =	SEK 10.3539	SEK 10.6156	SEK 10.7246	SEK 10.8653

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Switzerland							
Berne 039	Swiss franc = 100 rappen/centimes CHF	B	USD 1 =	CHF 0.9783	CHF 0.9740	CHF 0.9906	CHF 0.9886
		B	EUR 1 =	CHF 1.1520	CHF 1.1093	CHF 1.1040	CHF 1.0914
Syrian Arab Republic							
Damascus 608	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 434.00	SYP 434.00	SYP 435.00	SYP 435.00
		S	USD 1 =	SYP 438.30	SYP 438.34	SYP 438.00	SYP 438.00
		B	EUR 1 =	SYP 513.32	SYP 493.53	SYP 485.14	SYP 481.92
		S	EUR 1 =	SYP 518.41	SYP 498.46	SYP 488.55	SYP 485.31
Tajikistan							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 9.1637	TJS 9.4396	TJS 9.4397	TJS 9.6820
		M	EUR 1 =	TJS 10.8116	TJS 10.7432	TJS 10.5215	TJS 10.6860
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 2,254.6073	TZS 2,278.1188	TZS 2,277.7822	TZS 2,278.0099
		S	USD 1 =	TZS 2,277.1533	TZS 2,300.9000	TZS 2,300.5600	TZS 2,300.7900
		B	EUR 1 =	TZS 2,661.7781	TZS 2,589.0820	TZS 2,539.0438	TZS 2,521.9848
		S	EUR 1 =	TZS 2,689.1558	TZS 2,615.8932	TZS 2,565.3545	TZS 2,547.4347
Thailand							
Bangkok 680	Thai baht = 100 satang THB	B	USD 1 =	THB 32.1291	THB 30.5733	THB 30.6251	THB 30.4726
		S	USD 1 =	THB 32.4704	THB 30.9152	THB 30.9679	THB 30.8159
		B	EUR 1 =	THB 37.7262	THB 34.5912	THB 33.9847	THB 33.5017
		S	EUR 1 =	THB 38.4623	THB 35.3056	THB 34.6843	THB 34.1990
Togo ¹							
Lomé 280	CFA franc XOF	V	USD 1 =	XOF 555.425	XOF 576.412	XOF 588.249	XOF 594.379
		2	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 0.4462	USD 0.4395	USD 0.4364	USD 0.4299
		M	TOP 1 =	EUR 0.3777	EUR 0.3855	EUR 0.3904	EUR 0.3877
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.7317	TTD 6.7334	TTD 6.7211	TTD 6.7221
		S	USD 1 =	TTD 6.7630	TTD 6.7617	TTD 6.7585	TTD 6.7569
		B	EUR 1 =	TTD 7.8811	TTD 7.7462	TTD 7.4156	TTD 7.3585
		S	EUR 1 =	TTD 8.4568	TTD 8.1187	TTD 7.9927	TTD 7.9278

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes	B S	USD 1 =	TND 2.6373	TND 2.8744	TND 2.8780	TND 2.8689
			USD 1 =	TND 2.6400	TND 2.8773	TND 2.8808	TND 2.8717
	TND	B S	EUR 1 =	TND 3.1069	TND 3.2730	TND 3.2086	TND 3.1664
			EUR 1 =	TND 3.1100	TND 3.2762	TND 3.2119	TND 3.1696
Turkey							
Ankara 052	Turkish lira = 100 kuruş	B S	USD 1 =	TRY 4.8094	TRY 5.7665	TRY 5.5709	TRY 5.7994
			USD 1 =	TRY 4.8180	TRY 5.7769	TRY 5.5810	TRY 5.8098
	TRY	B S	EUR 1 =	TRY 5.6804	TRY 6.5571	TRY 6.2088	TRY 6.4315
			EUR 1 =	TRY 5.6906	TRY 6.5689	TRY 6.2199	TRY 6.4431
Turkmenistan ¹							
Ashgabat 080	Turkmen manat = 100 tenge	2 M	USD 1 =	TMT 3.50	TMT 3.50	TMT 3.50	TMT 3.50
			EUR 1 =	TMT 4.1619	TMT 3.9848	TMT 3.8990	TMT 3.8637
Uganda							
Kampala 350	Uganda shilling	B S	USD 1 =	UGX 3,728.14	UGX 3,690.29	UGX 3,696.67	UGX 3,684.33
			USD 1 =	UGX 3,738.14	UGX 3,700.29	UGX 3,706.67	UGX 3,694.33
	UGX	B S	EUR 1 =	UGX 4,393.75	UGX 4,197.80457	UGX 4,115.18424	UGX 4,080.55156
			EUR 1 =	UGX 4,405.54	UGX 4,209.17984	UGX 4,126.31638	UGX 4,091.62698
Ukraine							
Kyiv 072	Hryvnia = 100 kopiyok	M M	USD 100 =	UAH 2,721.1273	UAH 2,616.6382	UAH 2,508.5516	UAH 2,523.2299
			EUR 100 =	UAH 3,212.2821	UAH 2,973.0243	UAH 2,798.0385	UAH 2,793.7201
United Arab Emirates ¹							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils	2 V, M	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
			EUR 1 =	AED 4.3310	AED 4.1793	AED 4.0952	AED 4.0530
United Kingdom ¹							
London 006	Pound sterling = 100 pence	M M	GBP 1 =	USD 1.3350	USD 1.2728	USD 1.2246	USD 1.2183
			EUR 1 =	GBP 0.8854	GBP 0.8948	GBP 0.9092	GBP 0.9040
United States							
Washington 400	US dollar = 100 cents	M M	EUR 1 =	USD 1.17793	USD 1.1368	USD 1.1074	USD 1.0989
			GBP 1 =	USD 1.33458	USD 1.2693	USD 1.2157	USD 1.2156

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 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 2018	Rate at end of month		
					June 2019	July 2019	August 2019
Uruguay							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 30.739	UYU 35.182	UYU 34.350	UYU 36.642
		M	EUR 1 =	UYU 36.2340	UYU 40.0142	UYU 38.0924	UYU 40.2421
Uzbekistan							
Tashkent 081	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 8,070.28	UZS 8,562.34	UZS 8,666.71	UZS 9,373.93
		M	EUR 1 =	UZS 9,528.90	UZS 9,731.96	UZS 9,641.71	UZS 10,446.31
Vanuatu							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 108.58	VUV 111.93	VUV 113.26	VUV 115.09
		S	USD 1 =	VUV 115.41	VUV 119.37	VUV 120.78	VUV 122.72
		B	EUR 1 =	VUV 128.83	VUV 128.32	VUV 127.41	VUV 128.36
		S	EUR 1 =	VUV 134.09	VUV 133.63	VUV 132.68	VUV 133.65
Venezuela, Bolivarian Republic of ¹							
Caracas 484	Bolívar Soberano = 100 céntimos VES	B	USD 1 =	.	² VES 6,716.4553	VES 11,236.3199	VES 22,131.423
		S	USD 1 =	.	² VES 6,733.2885	VES 11,264.4811	VES 22,186.890
		B	EUR 1 =	.	² VES 7,637.2813	VES 12,503.1026	VES 24,342.352
		S	EUR 1 =	.	² VES 7,659.1157	VES 12,534.6640	VES 24,404.914
Viet Nam							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 23,007	VND 23,230	VND 23,140	VND 23,130
		S	USD 1 =	VND 23,085	VND 23,350	VND 23,260	VND 23,250
		B	EUR 1 =	VND 27,033.98	VND 26,363.34	VND 25,709.87	VND 25,472.75
		S	EUR 1 =	VND 27,460.82	VND 27,180.63	VND 26,507.63	VND 26,263.39
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 294.43	YER 284.25	YER 278.90	YER 277.09
		S	EUR 1 =	YER 295.02	YER 284.82	YER 279.46	YER 277.64
Zambia							
Lusaka 378	Kwacha = 100 ngwee ZMW	B	USD 1 =	ZMW 10.5868	ZMW 12.8079	ZMW 12.8613	ZMW 13.0536
		S	USD 1 =	ZMW 10.6368	ZMW 12.8579	ZMW 12.9113	ZMW 13.1036
		B	EUR 1 =	ZMW 12.4529	ZMW 14.5716	ZMW 14.3365	ZMW 14.4138
		S	EUR 1 =	ZMW 12.5160	ZMW 14.6336	ZMW 14.3999	ZMW 14.4743
Zimbabwe ¹							
Harare 382	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =	.	ZWL 6.6220	ZWL 9.1856	ZWL 10.7139
		M	EUR 1 =	.	ZWL 7.52445	ZWL 10.24740	ZWL 11.61860

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p. 53. ¹ See Explanatory notes on individual countries, pp. 57 ff. ² Calculation not meaningful due to multiple episodes of sharp depreciation.

IV. Overview of world currencies *

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

As of end-August 2019

Country or territory (country code)	Currency	Country or territory (country code)	Currency
Åland Islands	Euro	Madeira (010)	Euro
Alhucemas	Euro	Marie-Galante (001)	Euro
American Samoa (830)	US dollar	Marshall Islands (824)	US dollar
Andaman Islands	Indian rupee	Martinique (001)	Euro
Andorra 1 (043)	Euro	Mayotte (377)	Euro
Anguilla (446)	East Caribbean dollar	Meilla (023)	Euro
Azores (010)	Euro	Micronesia, Federated States of (823)	US dollar
		Monaco 1 (001)	Euro
		Montenegro (097)	Euro
		Montserrat (470)	East Caribbean dollar
Baker Island (832)	US dollar	Mooréa	CFP franc
Balearics	Euro		
Bali	Indonesian rupiah		
Bonaire (475)	US dollar	Nauru (803)	Australian dollar
Bora-Bora	CFP franc	Newfoundland	Canadian dollar
Borneo (northern part) (701)	Malaysian ringgit	Nicobar Islands	Indian rupee
Borneo (southern part) (700)	Indonesian rupiah	Niue (838)	New Zealand dollar
British Virgin Islands (468)	US dollar	Norfolk Island (836)	Australian dollar
		Northern Mariana Islands (820)	US dollar
Canary Islands (011)	Euro		
Ceuta (021)	Euro		
Chafarinas (Islands)	Euro	Palau (825)	US dollar
Christmas Island (834)	Australian dollar	Pescadores	New Taiwan dollar
Cocos Islands (833)	Australian dollar	Pitcairn Islands Group (813)	New Zealand dollar
		Puerto Rico (400)	US dollar
Désirade (001)	Euro		
Easter Island	Chilean peso	Réunion (001)	Euro
Ecuador 1 (500)	US dollar		
		Saba (475)	US dollar
Faroe Islands 1 (041)	Danish krone	San Marino 1 (047)	Euro
(French) Guiana (001)	Euro	Spitzbergen/Spitsbergen (028)	Norwegian krone
French Polynesia (822)	CFP franc	St Barthélemy (001)	Euro
		St Eustatius (475)	US dollar
		St Martin (northern part) (001)	Euro
		St Pierre and Miquelon (408)	Euro
		Sumatra	Indonesian rupiah
		Swan Islands (424)	Honduran lempira
Galapagos Islands (500)	US dollar		
Gozo (Island of)	Euro		
Greenland (406)	Danish krone	Tahiti (822)	CFP franc
Guadeloupe (001)	Euro	Tibet (720)	Chinese renminbi
Guam (831)	US dollar	Timor-Leste 1 (626)	US dollar
Guernsey 1 (107)	Pound sterling	Tokelau (839)	New Zealand dollar/Samoan tala
		Turks and Caicos Islands 1 (454)	US dollar
		Tuvalu 1 (807)	Australian dollar
Howland Island (832)	US dollar		
Isle of Man 1 (109)	Pound sterling		
Jarvis Island (832)	US dollar	Vatican City 1 (045)	Euro
Java	Indonesian rupiah	Virgin Islands of the United States (457)	US dollar
Jersey 1 (108)	Pound sterling		
Kiribati 1 (812)	Australian dollar	Wallis and Futuna (Islands) (811)	CFP franc
Kosovo (095)	Euro	Western Sahara (203)	Moroccan dirham
	Serbian dinar		
Laccadive Islands	Indian rupee	Zanzibar (Island) (352)	Tanzania shilling
Les Saintes Islands (001)	Euro		
Liechtenstein (037)	Swiss franc		

Sources: Central banks and The Statesman's Yearbook. * See Explanatory notes, p. 53. 1 Local currency is also in use.

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. 54-55. 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 *

As of end-August 2019

ISO code	Currency	Country ¹ or territory	ISO code	Currency	Country ¹ or territory	ISO code	Currency	Country ¹ or territory
AED	United Arab Emirates dirham	United Arab Emirates	CUC	Convertible peso	Cuba ¹	GMD	Dalasi	Gambia
AFN	Afghani	Afghanistan	CUP	Cuban peso	Cuba	GNF	Guinean franc	Guinea
ALL	Albanian lek	Albania	CVE	Cabo Verde escudo	Cabo Verde	GTQ	Quetzal	Guatemala
AMD	Armenian dram	Armenia	CZK	Czech koruna	Czechia	GYD	Guyana dollar	Guyana
ANG	Netherlands Antillean guilder	Curaçao Sint Maarten (southern part)	DJF	Djibouti franc	Djibouti	HKD	Hong Kong dollar	Hong Kong
AOA	Kwanza	Angola	DKK	Danish krone	Denmark Faroe Islands Greenland	HNL	Lempira	Honduras
ARS	Argentine peso	Argentina	DOP	Dominican peso	Dominican Republic	HRK	Kuna	Croatia
AUD	Australian dollar	Australia Christmas Island Cocos Islands Kiribati Nauru Norfolk Island Tuvalu	DZD	Algerian dinar	Algeria	HTG	Gourde	Haiti
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
CAD	Canadian dollar	Canada	FJD	Fiji dollar	Fiji	KYD	Cayman Islands dollar	Cayman Islands
CDF	Congo franc	Congo, Democratic Republic of the	FKP	Falkland Islands pound	Falkland Islands (Islas Malvinas)	KZT	Tenge	Kazakhstan
CHF	Swiss franc	Switzerland Liechtenstein	GBP	Pound sterling	United Kingdom Guernsey Isle of Man Jersey	LAK	Kip	Lao People's Democratic Republic
CLP	Chilean peso	Chile				LBP	Lebanese pound	Lebanon
CNY	Chinese renminbi	China				LKR	Sri Lanka rupee	Sri Lanka
COP	Colombian peso	Colombia	GEL	Lari	Georgia	LRD	Liberian dollar	Liberia
CRC	Costa Rican colón	Costa Rica	GHS	Ghana cedi	Ghana	LSL	Loti	Lesotho
			GIP	Gibraltar pound	Gibraltar	LYD	Libyan dinar	Libya

* Extracted and compiled from ISO communications. ¹ See Explanatory notes on individual countries, pp. 57 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 exchange rates of the euro

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 price competitiveness in the euro area industrial sector. 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 decrease in the price competitiveness of the domestic economy. The weights are based on trade in manufactured goods (SITC 5-8) and also capture third-market effects.

The table entitled "Overall trade weights used in the calculation of the effective exchange rates (EER) of the euro" on p. 52 shows trading partners' membership of the EER-19 and EER-38 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 first period. For information on the revision of trade weights carried out in August 2017, see the ECB's website (www.ecb.europa.eu/stats/exchange/effective/html/index.en.html).

The real effective exchange rates of the euro additionally take account of the differences in price movements between the groups of countries concerned. If the current price indices for determining the real effective exchange rates 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, shown as a memo item, is methodologically consistent with the ECB's procedure for determining the effective exchange rates of the euro (see Deutsche Bundesbank, Monthly Report, November 2001, pp. 50-53, May 2007, pp. 31-35 and August 2017, pp. 41-43).

The indicators are broken down into three groups in Table III. 1. (p. 18).

The group of 26 selected industrialised countries comprises the respective 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.

The group of 37 countries comprises the euro area countries and the EER-19 group. The group of 56 countries consists of the euro area countries as well as the EER-38 group.

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

Figures in %

As of August 2017

Trading partner	Calculation period for weights ¹											
	EER-19						EER-38					
	1995 to 1997	1998 to 2000	2004 to 2006	2007 to 2009	2010 to 2012	2013 to 2015	1995 to 1997	1998 to 2000	2004 to 2006	2007 to 2009	2010 to 2012	2013 to 2015
	Period of use of weights											
	Up to end of 1997	1998 to 2000	2004 to 2006	2007 to 2009	2010 to 2012	From 2013	Up to end of 1997	1998 to 2000	2004 to 2006	2007 to 2009	2010 to 2012	From 2013
EER-38 group							100	100	100	100	100	100
EER-19 group	100	100	100	100	100	100						
Australia	0.90	0.84	0.91	0.89	0.95	0.81	0.73	0.68	0.73	0.72	0.75	0.65
Bulgaria	0.33	0.37	0.55	0.64	0.62	0.67	0.27	0.30	0.44	0.51	0.49	0.54
Canada	1.77	1.92	1.79	1.65	1.53	1.49	1.43	1.57	1.44	1.32	1.21	1.20
China	5.69	6.76	14.22	18.69	22.47	23.28	4.59	5.52	11.45	14.99	17.85	18.74
Croatia	0.68	0.55	0.66	0.64	0.47	0.45	0.55	0.45	0.53	0.51	0.37	0.36
Czechia	2.75	2.95	4.23	5.09	5.19	5.14	2.21	2.41	3.41	4.08	4.12	4.14
Denmark	3.27	2.92	2.77	2.67	2.19	2.07	2.63	2.39	2.23	2.14	1.74	1.67
Hong Kong	2.60	2.23	1.93	1.70	1.80	1.91	2.10	1.82	1.56	1.36	1.43	1.54
Hungary	1.90	2.65	3.20	3.19	2.86	3.02	1.53	2.17	2.57	2.56	2.27	2.43
Japan	10.49	9.59	7.42	6.63	6.25	5.06	8.45	7.83	5.98	5.32	4.96	4.07
Korea, Republic of	3.59	3.17	3.88	3.93	3.91	3.80	2.89	2.59	3.12	3.15	3.10	3.05
Norway	1.60	1.43	1.32	1.34	1.19	1.08	1.29	1.17	1.06	1.07	0.95	0.87
Poland	2.95	3.42	4.93	6.28	6.44	6.86	2.38	2.79	3.97	5.04	5.11	5.52
Romania	0.89	0.99	1.73	1.97	2.09	2.27	0.72	0.81	1.40	1.58	1.66	1.83
Singapore	2.41	2.05	1.81	1.52	1.61	1.45	1.94	1.67	1.46	1.22	1.28	1.16
Sweden	6.05	5.42	5.17	4.89	4.54	4.17	4.87	4.43	4.16	3.92	3.61	3.36
Switzerland	8.27	7.34	6.68	6.63	6.94	6.65	6.66	5.99	5.38	5.32	5.51	5.35
United Kingdom	23.21	21.87	17.81	14.97	13.05	12.93	18.70	17.86	14.34	12.00	10.37	10.40
United States	20.64	23.50	18.99	16.68	15.91	16.89	16.63	19.19	15.29	13.37	12.63	13.60
Additional countries in the EER-38 group												
Algeria							0.31	0.28	0.35	0.38	0.40	0.44
Argentina							0.58	0.50	0.27	0.30	0.38	0.31
Brazil							1.57	1.43	1.27	1.40	1.47	1.26
Chile							0.35	0.32	0.43	0.42	0.42	0.33
China (Taiwan)							2.37	2.44	1.92	1.52	1.51	1.42
Iceland							0.05	0.06	0.08	0.09	0.08	0.06
India							1.54	1.44	1.85	2.22	2.53	2.40
Indonesia							1.04	0.83	0.62	0.62	0.69	0.68
Israel							1.06	1.02	0.73	0.68	0.69	0.71
Malaysia							1.24	1.19	1.15	1.06	1.02	0.97
Mexico							0.89	1.22	1.20	1.21	1.34	1.44
Morocco							0.64	0.63	0.62	0.59	0.59	0.64
New Zealand							0.13	0.11	0.13	0.11	0.10	0.12
Philippines							0.40	0.52	0.42	0.30	0.29	0.34
Russian Federation							2.58	1.90	3.04	3.51	3.49	3.00
South Africa							0.98	0.93	1.06	0.96	0.99	0.85
Thailand							1.26	1.04	1.07	1.12	1.13	1.12
Turkey							2.19	2.24	3.09	3.18	3.31	3.35
Venezuela, Bolivarian Republic of							0.26	0.23	0.16	0.15	0.15	0.09

° Figures have been rounded. The ECB also publishes weighting schemes and indicators for a group of 12 countries as well as for a group of 18 countries. ¹ Selected calculation periods; for a comprehensive overview, see <https://www.bundesbank.de/en/statistics/external-sector/effective-exchange-rates-of-the-euro>

■ Overview of world currencies

The end-of-month exchange rates listed in Table IV. 1. (pp. 20-42) 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. 48-49). This was developed by the International Organization for Standardization as ISO Standard 4217. This currency code is designed to enable uniformly abbreviated designations for currency-related values to be used in international financial transactions. This applies, inter alia, to all external payments under the SWIFT system. The ISO code should not, however, be confused with the official national currency abbreviations.

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

■ Value of the special drawing right

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

The composition of the currency basket as well as the weight and amounts of the currency units in the basket are reviewed every five years. In the most recently concluded review (November 2015), the Executive Board of the IMF decided that the Chinese renminbi will be included in the SDR basket as the fifth currency. With effect from 1 October 2016, the SDR basket comprises the five fixed currency amounts shown in column (a). These were fixed on 30 September 2016 on the basis of the average exchange rates in the London spot exchange market in the

third quarter of 2016 and of the initial new percentage weights (column (b)) such that, on 30 September 2016, the new SDR value corresponded with the value calculated on the basis of the old basket (see <http://www.imf.org/external/np/pp/eng/2016/093016.pdf>).

	(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 incorporated in 2000 to reflect formally the importance of financial transactions for the purposes of valuing the SDR basket.

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

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

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

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

Global exchange rate arrangements and monetary policy framework

The overview of the exchange rate arrangements and monetary policy framework as at the end of April 2018 (see Table VI., pp. 46-47) 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 determined by the market rather than by official action, with market-determined exchange rates being on the whole more flexible. The IMF's system distinguishes between four major categories. The category "hard pegs" (fixed exchange rate anchors) is subdivided into exchange ar-

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

The monetary policy frameworks listed are as follows.

Exchange rate anchor

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

Monetary aggregate target

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

Inflation-targeting framework

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

future inflation from the announced inflation target, with the inflation forecast acting (implicitly or explicitly) as the intermediate target of monetary policy.

Other

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

Explanatory notes on individual countries

Angola

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

Argentina

Upon announcement of the election results, on 12 August 2019 the Argentine peso depreciated by 14.7%. With the financial and sovereign debt crisis escalating and the currency depreciating further, capital controls were imposed at the beginning of September.

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.

Greece

According to press reports, the capital controls imposed on 28 June 2015 were fully lifted with effect from 1 September 2019.

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.

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 exchange rate was around 360 naira to the US dollar at the end of August 2019.

North Macedonia

With the entering into force of the Prespa Agreement on 12 February 2019, the earlier, provisional name of the country "the former Yugoslav Republic of Macedonia" has been changed to "North Macedonia".

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.

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

Following the introduction in 2009 of a multiple currency system in which the US dollar was the principal currency, the Zimbabwe dollar was demonetised, i.e. was no longer legal tender, with effect from 1 October 2015. In response to a lack of foreign currency, at end-November 2016 the government additionally issued "bond notes"; although they were officially pegged to the US dollar at the rate of 1:1, their convertibility was effectively limited. These bonds traded at heavy discounts on the black market.

According to press reports, on 20 February 2019 a law was passed which ditched the 1:1 peg between the bond notes and the US dollar, and the RTGS (Real Time Gross Settlement) dollar was declared legal tender. Following a period in which this new currency depreciated considerably, the central bank finally banned the use of foreign currencies and reintroduced the Zimbabwe dollar (ZWL) as the sole legal tender as from 24 June 2019.