

# Exchange rate statistics

## March 2020

Statistical Supplement 5  
to the Monthly Report

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ISSN 2190-8990

Finalised on 9 March 2020.

The Exchange rate statistics supplement is released once a month and published on the basis of Section 18 of the Bundesbank Act (*Gesetz über die Deutsche Bundesbank*).

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## Abbreviations and symbols

<b>CU</b>	Currency unit(s)
<b>EC</b>	European Community
<b>ECB</b>	European Central Bank
<b>ECU</b>	European Currency Unit
<b>EER</b>	Effective exchange rate
<b>ERM</b>	Exchange Rate Mechanism
<b>EU</b>	European Union
<b>IMF</b>	International Monetary Fund
<b>ISO</b>	International Organization for Standardization
<b>SDR</b>	Special drawing right
<b>SITC</b>	Standard International Trade Classification
<b>SWIFT</b>	Society for Worldwide Interbank Financial Telecommunication
<b>B</b>	Buying rate
<b>M</b>	Middle rate
<b>S</b>	Selling rate
<b>V</b>	Calculated value
<b>e</b>	Estimated
<b>p</b>	Provisional
<b>r</b>	Revised
<b>.</b>	Data unknown, not to be published or not meaningful
<b>–</b>	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 <sup>1</sup>	
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	

<sup>1</sup> 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	<sup>1</sup> 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	<sup>1</sup> 353.109	<sup>2</sup> 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	<sup>3</sup> 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	<sup>4</sup> 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	<sup>5</sup> 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	<sup>6</sup> 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	<sup>7</sup> 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	<sup>6</sup> 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	<sup>8</sup> 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. <sup>1</sup> According to the EU communiqué of 31 December 1998. <sup>2</sup> Until 31 December 2000; accession to the euro area on 1 January

2001. <sup>3</sup> Until 31 December 2010; accession to the euro area on 1 January 2011. <sup>4</sup> Until 31 December 2014; accession to the euro area on 1 January 2015. <sup>5</sup> Until 31 December 2006; accession to the euro area on 1 January 2007. <sup>6</sup> Until 31 December 2007; accession to the euro area on 1 January 2008. <sup>7</sup> Until 31 December 2013; accession to the euro area on 1 January 2014. <sup>8</sup> 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 Dec.	2	1.9558	7.4380	25.534	7.4712	332.98	4.3001	4.7794	10.5385
	3	1.9558	7.4400	25.527	7.4719	331.75	4.2845	4.7777	10.5653
	4	1.9558	7.4385	25.520	7.4715	331.01	4.2792	4.7754	10.5523
	5	1.9558	7.4390	25.526	7.4716	330.85	4.2753	4.7785	10.5418
	6	1.9558	7.4390	25.533	7.4722	330.19	4.2772	4.7800	10.5183
	9	1.9558	7.4388	25.528	7.4723	331.58	4.2837	4.7789	10.5435
	10	1.9558	7.4398	25.527	7.4731	330.85	4.2903	4.7773	10.5565
	11	1.9558	7.4385	25.522	7.4728	330.74	4.2869	4.7793	10.4595
	12	1.9558	7.4390	25.519	7.4732	329.40	4.2836	4.7791	10.4495
	13	1.9558	7.4398	25.508	7.4731	328.85	4.2726	4.7795	10.4490
	16	1.9558	7.4401	25.483	7.4731	329.01	4.2657	4.7791	10.4213
	17	1.9558	7.4465	25.445	7.4731	329.71	4.2595	4.7771	10.4718
	18	1.9558	7.4486	25.490	7.4720	330.77	4.2706	4.7760	10.4483
	19	1.9558	7.4398	25.473	7.4723	330.52	4.2617	4.7710	10.4780
	20	1.9558	7.4390	25.445	7.4720	330.50	4.2593	4.7705	10.4340
	23	1.9558	7.4460	25.499	7.4719	331.24	4.2609	4.7733	10.4473
	24	1.9558	7.4455	25.485	7.4712	331.76	4.2598	4.7790	10.4553
	27	1.9558	7.4475	25.509	7.4704	330.83	4.2671	4.7818	10.4363
	30	1.9558	7.4485	25.463	7.4697	331.04	4.2567	4.7821	10.4400
	31	1.9558	7.4395	25.408	7.4715	330.53	4.2568	4.7830	10.4468
2020 Jan.	2	1.9558	7.4445	25.411	7.4719	329.98	4.2544	4.7828	10.4728
	3	1.9558	7.4463	25.360	7.4731	330.53	4.2493	4.7784	10.4858
	6	1.9558	7.4450	25.301	7.4732	329.66	4.2415	4.7743	10.5308
	7	1.9558	7.4478	25.276	7.4731	331.28	4.2457	4.7778	10.5423
	8	1.9558	7.4490	25.265	7.4731	331.08	4.2429	4.7774	10.5108
	9	1.9558	7.4460	25.253	7.4731	332.51	4.2422	4.7785	10.5330
	10	1.9558	7.4445	25.265	7.4731	333.85	4.2462	4.7796	10.5510
	13	1.9558	7.4445	25.230	7.4732	334.29	4.2348	4.7784	10.5598
	14	1.9558	7.4450	25.155	7.4731	332.77	4.2219	4.7795	10.5248
	15	1.9558	7.4443	25.144	7.4727	332.94	4.2265	4.7803	10.5590
	16	1.9558	7.4418	25.170	7.4729	333.84	4.2324	4.7790	10.5678
	17	1.9558	7.4378	25.147	7.4729	335.59	4.2367	4.7803	10.5450
	20	1.9558	7.4358	25.125	7.4726	336.39	4.2433	4.7794	10.5548
	21	1.9558	7.4375	25.066	7.4725	335.32	4.2438	4.7785	10.5523
	22	1.9558	7.4375	25.136	7.4729	335.61	4.2378	4.7784	10.5528
	23	1.9558	7.4438	25.159	7.4732	337.19	4.2439	4.7788	10.5473
	24	1.9558	7.4415	25.160	7.4730	336.01	4.2565	4.7799	10.5363
	27	1.9558	7.4415	25.231	7.4728	337.53	4.2715	4.7808	10.5795
	28	1.9558	7.4410	25.221	7.4728	337.18	4.2731	4.7784	10.5993
	29	1.9558	7.4420	25.208	7.4728	337.39	4.2837	4.7770	10.5753
	30	1.9558	7.4423	25.250	7.4729	338.36	4.2873	4.7770	10.6398
	31	1.9558	7.4440	25.210	7.4731	337.05	4.3009	4.7789	10.6768
Feb.	3	1.9558	7.4465	25.177	7.4729	337.70	4.2968	4.7788	10.6808
	4	1.9558	7.4518	25.143	7.4729	336.32	4.2753	4.7763	10.6278
	5	1.9558	7.4568	25.055	7.4728	335.76	4.2491	4.7734	10.5450
	6	1.9558	7.4563	24.893	7.4725	336.76	4.2451	4.7655	10.5550
	7	1.9558	7.4550	25.030	7.4724	338.15	4.2653	4.7613	10.5455
	10	1.9558	7.4550	25.026	7.4724	337.37	4.2656	4.7663	10.5728
	11	1.9558	7.4590	24.965	7.4721	337.93	4.2569	4.7693	10.5373
	12	1.9558	7.4575	24.878	7.4718	339.49	4.2554	4.7663	10.4965
	13	1.9558	7.4513	24.835	7.4721	337.12	4.2513	4.7645	10.4823
	14	1.9558	7.4490	24.828	7.4713	335.67	4.2490	4.7684	10.5085
	17	1.9558	7.4465	24.793	7.4701	334.64	4.2620	4.7768	10.5323
	18	1.9558	7.4440	24.898	7.4702	334.83	4.2746	4.7823	10.5498
	19	1.9558	7.4453	24.962	7.4693	336.33	4.2712	4.7792	10.5743
	20	1.9558	7.4495	25.037	7.4681	338.00	4.2825	4.7979	10.5985
	21	1.9558	7.4490	25.061	7.4702	337.10	4.2835	4.8040	10.5690
	24	1.9558	7.4650	25.186	7.4699	337.61	4.2989	4.8063	10.5833
	25	1.9558	7.4567	25.226	7.4701	337.41	4.3012	4.8098	10.5688
	26	1.9558	7.4605	25.344	7.4710	339.28	4.3094	4.8050	10.5813
	27	1.9558	7.4625	25.283	7.4725	338.37	4.3124	4.8100	10.5753
	28	1.9558	7.4695	25.390	7.4723	337.57	4.3259	4.8130	10.6738
Mar.	2	1.9558	7.4835	25.525	7.4730	336.92	4.3276	4.8106	10.6063
	3	1.9558	7.4853	25.475	7.4730	336.68	4.3166	4.8087	10.5590
	4	1.9558	7.4848	25.340	7.4727	334.96	4.2968	4.8073	10.5555
	5	1.9558	7.4905	25.346	7.4712	335.70	4.3029	4.8110	10.5915
	6	1.9558	7.5035	25.458	7.4697	335.48	4.3042	4.8110	10.6145
	9	1.9558	7.5500	25.504	7.4695	336.25	4.3132	4.8175	10.7203

\* See Explanatory notes, p. 51.



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

Other European and non-European countries									Period
Australia	Brazil	Canada	China	Hong Kong	Iceland	India	Indonesia		
Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Hong Kong dollar HKD	Icelandic krona ISK	Indian rupee INR	Indonesian rupiah IDR		
1.6240	4.6654	1.4656	7.7625	8.6297	134.80	78.9785	15,569.99	2019 Dec. 2	
1.6186	4.6545	1.4747	7.8140	8.6675	134.40	79.4300	15,615.65	3	
1.6203	4.6521	1.4707	7.8149	8.6753	134.20	79.2615	15,629.75	4	
1.6251	4.6794	1.4610	7.8125	8.6853	134.40	79.0195	15,603.71	5	
1.6190	4.6402	1.4618	7.7993	8.6852	134.60	79.0435	15,554.41	6	
1.6228	4.5903	1.4675	7.7960	8.6692	134.30	78.7070	15,506.11	9	
1.6275	4.5891	1.4666	7.7968	8.6691	134.70	78.5610	15,518.88	10	
1.6194	4.5590	1.4661	7.7960	8.6538	135.10	78.4115	15,554.28	11	
1.6165	4.5788	1.4676	7.8374	8.6923	136.70	78.9355	15,630.78	12	
1.6159	4.5664	1.4712	7.7900	8.7062	137.00	79.0610	15,626.84	13	
1.6177	4.5491	1.4621	7.8025	8.6856	136.80	79.1063	15,609.97	16	
1.6294	4.5409	1.4690	7.8090	8.6953	136.60	79.2035	15,615.64	17	
1.6227	4.5097	1.4624	7.7783	8.6566	137.20	78.8950	15,558.78	18	
1.6188	4.5163	1.4588	7.7931	8.6687	137.20	79.0320	15,551.77	19	
1.6088	4.5175	1.4579	7.7764	8.6511	136.40	79.0035	15,510.83	20	
1.6008	4.5220	1.4577	7.7652	8.6232	135.40	78.9455	15,489.50	23	
1.6019	4.5246	1.4582	7.7643	8.6290	135.60	78.9525	15,495.40	24	
1.5996	4.5157	1.4592	7.8025	8.6845	135.60	79.6370	15,573.91	27	
1.5992	4.5128	1.4621	7.8175	8.7133	135.80	79.8120	15,565.65	30	
1.5995	4.5157	1.4598	7.8205	8.7473	135.80	80.1870	15,595.60	31	
1.6006	4.4870	1.4549	7.7946	8.7203	136.90	79.9065	15,540.92	2020 Jan. 2	
1.6031	4.5271	1.4471	7.7712	8.6713	136.90	80.0085	15,536.69	3	
1.6119	4.5461	1.4525	7.8049	8.6978	137.30	80.5175	15,604.44	6	
1.6251	4.5625	1.4520	7.7562	8.6836	137.30	80.2650	15,501.15	7	
1.6195	4.5092	1.4470	7.7184	8.6424	137.10	79.7090	15,441.51	8	
1.6193	4.5194	1.4505	7.7011	8.6317	137.70	79.1620	15,387.35	9	
1.6132	4.5188	1.4498	7.6773	8.6137	136.60	78.6915	15,263.99	10	
1.6117	4.5832	1.4514	7.6697	8.6504	137.20	78.8225	15,243.73	13	
1.6110	4.6056	1.4528	7.6536	8.6447	137.20	78.7285	15,219.55	14	
1.6188	4.6350	1.4565	7.6746	8.6591	136.60	78.8825	15,262.30	15	
1.6115	4.6519	1.4559	7.6837	8.6812	137.00	79.2210	15,223.35	16	
1.6122	4.6390	1.4498	7.6186	8.6292	137.40	78.9567	15,184.91	17	
1.6154	4.6360	1.4487	7.6112	8.6112	137.60	78.7840	15,118.30	20	
1.6177	4.6661	1.4512	7.6732	8.6362	137.80	79.1345	15,197.89	21	
1.6184	4.6486	1.4465	7.6530	8.6170	137.80	78.8665	15,137.71	22	
1.6149	4.6253	1.4599	7.6897	8.6201	137.80	79.0965	15,141.43	23	
1.6127	4.6084	1.4491	7.6509	8.5770	137.40	78.6700	15,002.91	24	
1.6291	4.6467	1.4539	7.6477	8.5745	137.40	78.7425	14,999.51	27	
1.6290	4.6196	1.4516	7.6338	8.5578	137.20	78.4545	15,008.07	28	
1.6299	4.6089	1.4496	7.6310	8.5503	135.90	78.4170	14,991.61	29	
1.6412	4.6836	1.4577	7.6504	8.5678	135.90	79.0110	15,094.84	30	
1.6494	4.7157	1.4627	7.6664	8.5843	136.30	78.9055	15,091.51	31	
1.6521	4.7170	1.4647	7.7681	8.5935	137.30	79.0035	15,207.45	Feb. 3	
1.6439	4.6704	1.4671	7.7298	8.5805	137.90	78.7120	15,146.81	4	
1.6299	4.6614	1.4644	7.6858	8.5572	138.10	78.4330	15,036.47	5	
1.6282	4.6553	1.4610	7.6676	8.5420	138.10	78.2845	15,000.81	6	
1.6417	4.7078	1.4604	7.6711	8.5168	137.90	78.3625	15,063.25	7	
1.6373	4.7210	1.4580	7.6471	8.5039	137.90	78.1070	15,037.15	10	
1.6260	4.6995	1.4495	7.6025	8.4658	137.90	77.6945	14,919.11	11	
1.6175	4.7286	1.4468	7.6073	8.4788	137.90	77.8345	14,912.89	12	
1.6138	4.7182	1.4406	7.5890	8.4398	137.70	77.4495	14,892.14	13	
1.6151	4.6927	1.4363	7.5757	8.4214	137.50	77.4660	14,870.88	14	
1.6129	4.6739	1.4334	7.5645	8.4160	137.70	77.3420	14,792.48	17	
1.6195	4.7009	1.4345	7.5732	8.4024	137.70	77.3900	14,780.06	18	
1.6142	4.7184	1.4281	7.5538	8.3925	138.10	77.2345	14,783.04	19	
1.6294	4.7341	1.4304	7.5787	8.3960	138.10	77.2745	14,790.39	20	
1.6363	4.7550	1.4320	7.5945	8.4117	138.30	77.7540	14,867.58	21	
1.6384	4.7474	1.4372	7.6102	8.4324	139.30	77.8265	15,098.95	24	
1.6442	4.7569	1.4403	7.6045	8.4445	139.30	77.7240	15,094.70	25	
1.6565	4.7741	1.4469	7.6329	8.4742	139.30	77.9195	15,221.86	26	
1.6672	4.8975	1.4636	7.6813	8.5456	139.30	78.5380	15,387.97	27	
1.6875	4.9232	1.4757	7.6662	8.5550	139.30	79.2850	15,749.25	28	
1.6998	4.9938	1.4857	7.7469	8.6525	141.70	80.9170	15,909.41	Mar. 2	
1.6911	5.0032	1.4857	7.7572	8.6471	142.90	81.4290	15,877.00	3	
1.6794	5.0146	1.4862	7.7014	8.6437	142.20	81.5025	15,702.94	4	
1.6917	5.1480	1.5021	7.7579	8.6936	142.20	82.1530	15,851.98	5	
1.7103	5.2748	1.5213	7.8511	8.8089	143.00	83.5860	16,558.49	6	
1.7330	5.4418	1.5613	7.9600	8.9041	145.00	84.9600	16,488.05	9	

## 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)							
		Israel	Japan	Korea, Republic of	Malaysia	Mexico	New Zealand	Norway	Philippines
Period		New shekel ILS	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN	New Zealand dollar NZD	Norwegian krone NOK	Philippine peso PHP
2019 Dec.	2	3.8327	120.75	1,306.52	4.6071	21.5670	1.7019	10.1353	56.317
	3	3.8596	120.39	1,319.15	4.6216	21.6958	1.7000	10.1668	56.583
	4	3.8462	120.45	1,321.20	4.6280	21.6167	1.6980	10.1723	56.519
	5	3.8418	120.69	1,320.69	4.6256	21.4895	1.6997	10.1613	56.402
	6	3.8465	120.44	1,317.31	4.6145	21.4658	1.6886	10.1235	56.348
	9	3.8434	120.15	1,319.29	4.6074	21.3499	1.6890	10.1238	56.316
	10	3.8372	120.27	1,320.74	4.6130	21.2903	1.6945	10.1823	56.243
	11	3.8503	120.44	1,321.50	4.6122	21.2920	1.6924	10.1495	56.279
	12	3.8749	120.95	1,323.39	4.6324	21.2831	1.6906	10.1350	56.476
	13	3.8894	122.43	1,308.97	4.6199	21.2518	1.6873	10.0630	56.441
	16	3.8922	121.97	1,304.67	4.6167	21.2022	1.6859	10.0280	56.421
	17	3.8996	122.31	1,299.38	4.6239	21.1278	1.6974	10.0648	56.413
	18	3.8930	121.81	1,296.56	4.5999	21.0900	1.6920	10.0353	56.271
	19	3.8827	121.73	1,296.60	4.6047	21.1158	1.6898	9.9785	56.263
	20	3.8584	121.31	1,286.58	4.5942	21.0259	1.6811	9.9463	56.284
	23	3.8452	121.18	1,288.52	4.5878	21.0016	1.6732	9.9130	56.471
	24	3.8464	121.19	1,287.71	4.5832	21.0106	1.6716	9.9118	56.331
	27	3.8611	122.23	1,294.42	4.6034	21.0989	1.6655	9.8578	56.574
	30	3.8749	122.19	1,294.35	4.5948	21.0850	1.6638	9.8460	56.784
	31	3.8845	121.94	1,296.28	4.5953	21.2202	1.6653	9.8638	56.900
2020 Jan.	2	3.8690	121.75	1,298.24	4.5764	21.1383	1.6718	9.8408	56.825
	3	3.8766	120.54	1,300.32	4.5725	21.1433	1.6718	9.8315	56.983
	6	3.8913	121.02	1,308.83	4.5940	21.1418	1.6788	9.8488	57.247
	7	3.8731	121.15	1,302.48	4.5727	21.0852	1.6833	9.8548	56.832
	8	3.8541	120.86	1,297.37	4.5588	20.9079	1.6739	9.8508	56.420
	9	3.8556	121.54	1,288.28	4.5445	20.8637	1.6796	9.8665	56.250
	10	3.8476	121.60	1,286.00	4.5212	20.8634	1.6769	9.8745	55.998
	13	3.8604	122.25	1,288.09	4.5199	20.9084	1.6769	9.8955	56.147
	14	3.8541	122.32	1,285.74	4.5288	20.9406	1.6803	9.8920	56.242
	15	3.8561	122.43	1,289.22	4.5409	20.9542	1.6905	9.8820	56.521
	16	3.8575	122.80	1,293.87	4.5377	20.9901	1.6769	9.9058	56.776
	17	3.8372	122.31	1,288.37	4.5041	20.8338	1.6782	9.8890	56.548
	20	3.8326	122.14	1,286.08	4.5022	20.6940	1.6796	9.8815	56.489
	21	3.8405	122.31	1,298.12	4.5255	20.8194	1.6811	9.9360	56.689
	22	3.8279	121.93	1,290.57	4.5078	20.7417	1.6782	9.9590	56.499
	23	3.8336	121.50	1,295.15	4.5140	20.7527	1.6797	9.9678	56.514
	24	3.8100	120.96	1,289.12	4.4857	20.7170	1.6684	9.9375	56.092
	27	3.8151	120.11	1,298.34	4.4822	20.8715	1.6814	10.0363	56.084
	28	3.8033	120.02	1,297.20	4.4972	20.7316	1.6844	10.0758	55.878
	29	3.8053	120.06	1,296.65	4.4884	20.6109	1.6868	10.0563	55.929
	30	3.8080	120.03	1,315.00	4.5087	20.6985	1.6973	10.1738	56.246
	31	3.8090	120.35	1,321.60	4.5297	20.8044	1.7083	10.1893	56.382
Feb.	3	3.8135	120.10	1,319.12	4.5526	20.8183	1.7106	10.2590	56.293
	4	3.8130	120.52	1,310.75	4.5424	20.6722	1.7102	10.1948	56.102
	5	3.7981	120.94	1,302.97	4.5382	20.4923	1.7006	10.1173	55.961
	6	3.7770	120.87	1,301.78	4.5349	20.4852	1.6994	10.1288	55.817
	7	3.7585	120.51	1,309.78	4.5412	20.5281	1.7094	10.1673	55.816
	10	3.7483	120.18	1,301.41	4.5425	20.5466	1.7108	10.1188	55.657
	11	3.7200	119.73	1,290.63	4.5059	20.3563	1.7055	10.0953	55.061
	12	3.7325	120.03	1,288.00	4.5140	20.3274	1.6832	10.0445	55.189
	13	3.7231	119.21	1,286.02	4.5006	20.2411	1.6835	10.0415	54.863
	14	3.7177	119.11	1,283.75	4.4886	20.1606	1.6864	10.0258	54.806
	17	3.7131	119.05	1,282.70	4.4911	20.1243	1.6864	10.0373	54.787
	18	3.7028	118.70	1,288.74	4.4919	20.1596	1.6921	10.0883	54.799
	19	3.6946	119.35	1,284.75	4.4955	20.0690	1.6883	10.0178	54.616
	20	3.7009	120.86	1,301.79	4.5145	20.1685	1.7046	10.0455	54.725
	21	3.6985	120.96	1,309.45	4.5294	20.5183	1.7104	10.0873	54.955
	24	3.7208	120.52	1,319.20	4.5728	20.7234	1.7095	10.1328	55.248
	25	3.7158	119.92	1,315.68	4.5886	20.6185	1.7160	10.1600	55.360
	26	3.7429	120.13	1,322.29	4.5952	20.8060	1.7273	10.2113	55.538
	27	3.7671	120.46	1,327.83	4.6164	21.2601	1.7326	10.2918	55.767
	28	3.8052	119.36	1,324.98	4.6263	21.6370	1.7608	10.3888	56.027
Mar.	2	3.8826	119.82	1,325.85	4.6751	21.9963	1.7738	10.4043	56.511
	3	3.8470	119.77	1,327.59	4.6758	21.6599	1.7728	10.3328	56.467
	4	3.8451	119.58	1,314.96	4.6491	21.4105	1.7667	10.3051	56.288
	5	3.8814	119.63	1,327.01	4.6532	22.0737	1.7744	10.3710	56.785
	6	3.9576	119.08	1,351.63	4.7294	22.9958	1.7858	10.4983	57.542
	9	4.0275	117.12	1,374.71	4.8304	24.3268	1.8021	10.8900	58.013

\* See Explanatory notes, p. 51. 1 The United Kingdom ceased to be a member of the European Union on 31 January 2020.

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

Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United Kingdom <sup>1</sup>	United States	Period
Russian rouble RUB	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY	Pound sterling GBP	US dollar USD	
70.9217	1.5085	16.1770	1.0995	33.383	6.3436	0.85218	1.1023	2019 Dec. 2
71.0634	1.5117	16.2253	1.0947	33.529	6.3508	0.85200	1.1071	3
70.7959	1.5103	16.1224	1.0956	33.581	6.3608	0.84610	1.1081	4
70.7798	1.5103	16.2774	1.0964	33.676	6.3845	0.84470	1.1094	5
70.7441	1.5084	16.2232	1.0968	33.645	6.3893	0.84453	1.1094	6
70.5731	1.5060	16.1780	1.0959	33.571	6.4270	0.84195	1.1075	9
70.4627	1.5062	16.4121	1.0922	33.558	6.4300	0.84073	1.1077	10
70.3925	1.5060	16.3512	1.0916	33.518	6.4349	0.84245	1.1075	11
70.0885	1.5117	16.3248	1.0939	33.606	6.4390	0.84560	1.1137	12
69.9930	1.5106	16.1393	1.0982	33.729	6.4822	0.83508	1.1174	13
69.8317	1.5096	16.1305	1.0953	33.689	6.5190	0.83415	1.1146	16
69.8758	1.5132	16.0926	1.0946	33.737	6.5622	0.84748	1.1162	17
69.5288	1.5075	15.9700	1.0913	33.606	6.5732	0.85055	1.1115	18
69.4593	1.5074	15.9180	1.0899	33.568	6.6022	0.85073	1.1117	19
68.9657	1.5036	15.7936	1.0883	33.496	6.5774	0.85133	1.1097	20
69.0297	1.5018	15.7605	1.0870	33.408	6.5834	0.85708	1.1075	23
68.7932	1.5017	15.7264	1.0878	33.412	6.5994	0.85533	1.1080	24
69.2013	1.5083	15.6649	1.0890	33.632	6.6449	0.85130	1.1153	27
69.2781	1.5088	15.7398	1.0871	33.472	6.6567	0.85208	1.1189	30
69.9563	1.5111	15.7773	1.0854	33.415	6.6843	0.85080	1.1234	31
69.1893	1.5084	15.7496	1.0865	33.741	6.6699	0.84828	1.1193	2020 Jan. 2
69.1190	1.5047	15.9222	1.0840	33.614	6.6587	0.85115	1.1147	3
69.4047	1.5110	15.9465	1.0850	33.744	6.6900	0.85215	1.1194	6
69.2576	1.5081	15.9724	1.0850	33.823	6.6760	0.85183	1.1172	7
68.6389	1.5014	15.8166	1.0792	33.740	6.6158	0.84868	1.1115	8
68.0757	1.5018	15.7839	1.0808	33.647	6.5331	0.85285	1.1110	9
68.0410	1.4969	15.8081	1.0822	33.534	6.5198	0.84810	1.1091	10
68.0893	1.4989	15.9948	1.0811	33.620	6.5219	0.85760	1.1126	13
68.2418	1.4981	16.0274	1.0767	33.624	6.5448	0.85618	1.1115	14
68.4386	1.5011	16.0218	1.0751	33.693	6.5580	0.85683	1.1142	15
68.8102	1.5025	16.1229	1.0739	33.915	6.5363	0.85470	1.1169	16
68.2495	1.4960	16.0582	1.0736	33.746	6.5323	0.85105	1.1108	17
68.2075	1.4943	16.1045	1.0737	33.647	6.5604	0.85275	1.1085	20
68.7300	1.4994	16.0899	1.0743	33.790	6.5938	0.85030	1.1115	21
68.6934	1.4954	15.9750	1.0757	33.685	6.5673	0.84445	1.1088	22
68.6301	1.4971	15.9503	1.0734	33.883	6.5771	0.84498	1.1091	23
68.1692	1.4910	15.8585	1.0712	33.723	6.5539	0.84313	1.1035	24
69.0442	1.4965	16.0431	1.0689	33.869	6.5566	0.84358	1.1025	27
68.9032	1.4949	16.1249	1.0703	33.945	6.5475	0.84603	1.1005	28
68.9755	1.4971	16.0719	1.0729	34.070	6.5559	0.84580	1.1001	29
69.6719	1.5030	16.2673	1.0690	34.405	6.5970	0.84183	1.1029	30
70.3375	1.5092	16.4900	1.0694	34.460	6.6117	0.84175	1.1052	31
70.5988	1.5138	16.4806	1.0672	34.349	6.6221	0.84775	1.1066	Feb. 3
69.8725	1.5139	16.3262	1.0702	34.194	6.6073	0.84880	1.1048	4
69.0320	1.5202	16.2246	1.0717	34.133	6.5975	0.84444	1.1023	5
69.4575	1.5233	16.3028	1.0715	34.197	6.5886	0.84835	1.1003	6
70.0203	1.5255	16.4204	1.0705	34.333	6.5688	0.84720	1.0969	7
70.1120	1.5209	16.4786	1.0700	34.277	6.5897	0.84628	1.0951	10
69.3198	1.5127	16.2331	1.0667	34.082	6.5775	0.84325	1.0901	11
68.7530	1.5122	16.1266	1.0645	33.948	6.5923	0.84058	1.0914	12
69.0209	1.5096	16.1313	1.0633	33.839	6.5843	0.83375	1.0867	13
68.9116	1.5090	16.1139	1.0641	33.848	6.5735	0.83208	1.0842	14
68.7554	1.5047	16.2095	1.0641	33.778	6.5542	0.83238	1.0835	17
68.9685	1.5058	16.2792	1.0619	33.773	6.5643	0.82985	1.0816	18
68.6245	1.5033	16.1425	1.0621	33.696	6.5606	0.83148	1.0800	19
68.8060	1.5111	16.2966	1.0616	33.924	6.5806	0.83840	1.0790	20
69.5480	1.5131	16.2965	1.0610	34.164	6.6131	0.83510	1.0801	21
70.6675	1.5164	16.3592	1.0600	34.336	6.6599	0.83833	1.0818	24
70.7943	1.5166	16.4649	1.0605	34.390	6.6688	0.83630	1.0840	25
71.2368	1.5204	16.4555	1.0606	34.664	6.6981	0.84150	1.0875	26
72.1052	1.5294	16.8420	1.0627	34.701	6.7538	0.84995	1.0964	27
73.6096	1.5317	17.0961	1.0614	34.632	6.8348	0.85315	1.0977	28
74.5600	1.5449	17.4202	1.0655	34.968	6.9253	0.87113	1.1122	Mar. 2
74.0050	1.5479	17.3245	1.0646	35.063	6.8626	0.87010	1.1117	3
73.2180	1.5400	16.9784	1.0647	34.866	6.7828	0.86850	1.1125	4
74.3070	1.5495	17.2746	1.0663	35.295	6.8038	0.86670	1.1187	5
77.5058	1.5630	17.8514	1.0589	35.640	6.9209	0.87165	1.1336	6
85.1553	1.5841	18.2898	1.0594	36.081	7.0002	0.87383	1.1456	9

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

### 2. Monthly averages +

EUR 1 = CU ...

Period	EU member countries								Other European and non-Euro-	
	Bulgaria	Croatia	Czechia	Denmark	Hungary	Poland	Romania	Sweden	Australia	Brazil
	Bulgarian lev BGN	Kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	Swedish krona SEK	Australian dollar AUD	Brazilian real BRL
2015 Jan.	1.9558	7.6883	27.895	7.4406	316.50	4.2783	4.4874	9.4167	1.4390	3.0639
Feb.	1.9558	7.7114	27.608	7.4501	306.88	4.1760	4.4334	9.4901	1.4568	3.1977
Mar.	1.9558	7.6467	27.379	7.4593	303.45	4.1259	4.4339	9.2449	1.4008	3.3997
Apr.	1.9558	7.5896	27.439	7.4655	299.43	4.0180	4.4155	9.3254	1.3939	3.2800
May	1.9558	7.5591	27.397	7.4612	306.33	4.0811	4.4477	9.3037	1.4123	3.4105
June	1.9558	7.5719	27.307	7.4603	311.96	4.1586	4.4671	9.2722	1.4530	3.4941
July	1.9558	7.5863	27.094	7.4616	311.53	4.1524	4.4391	9.3860	1.4844	3.5405
Aug.	1.9558	7.5578	27.041	7.4627	311.61	4.1953	4.4235	9.5155	1.5269	3.9118
Sep.	1.9558	7.5890	27.089	7.4610	313.14	4.2176	4.4236	9.3924	1.5900	4.3666
Oct.	1.9558	7.6208	27.105	7.4601	311.27	4.2508	4.4227	9.3485	1.5586	4.3599
Nov.	1.9558	7.6074	27.039	7.4602	312.27	4.2494	4.4453	9.3133	1.5011	4.0601
Dec.	1.9558	7.6397	27.027	7.4612	314.40	4.2900	4.5033	9.2451	1.5009	4.2145
2016 Jan.	1.9558	7.6582	27.027	7.4619	314.68	4.4074	4.5311	9.2826	1.5510	4.4021
Feb.	1.9558	7.6355	27.040	7.4628	310.37	4.3970	4.4814	9.4105	1.5556	4.3953
Mar.	1.9558	7.5593	27.051	7.4569	311.15	4.2932	4.4666	9.2848	1.4823	4.1195
Apr.	1.9558	7.4947	27.031	7.4427	311.46	4.3106	4.4724	9.2027	1.4802	4.0374
May	1.9558	7.4979	27.026	7.4386	314.58	4.4039	4.4991	9.2948	1.5461	3.9983
June	1.9558	7.5204	27.061	7.4371	313.98	4.3996	4.5230	9.3338	1.5173	3.8570
July	1.9558	7.4930	27.042	7.4390	314.35	4.3964	4.4856	9.4742	1.4694	3.6263
Aug.	1.9558	7.4866	27.025	7.4408	310.21	4.3005	4.4591	9.4913	1.4690	3.5983
Sep.	1.9558	7.5005	27.022	7.4475	308.68	4.3207	4.4502	9.5655	1.4768	3.6436
Oct.	1.9558	7.5068	27.022	7.4402	307.00	4.3076	4.4942	9.7073	1.4470	3.5158
Nov.	1.9558	7.5211	27.033	7.4406	308.82	4.3911	4.5100	9.8508	1.4331	3.6056
Dec.	1.9558	7.5404	27.031	7.4362	312.24	4.4357	4.5164	9.7095	1.4356	3.5405
2017 Jan.	1.9558	7.5300	27.021	7.4355	308.99	4.3671	4.5018	9.5110	1.4252	3.3929
Feb.	1.9558	7.4476	27.021	7.4348	308.50	4.3081	4.5136	9.4762	1.3886	3.3022
Mar.	1.9558	7.4231	27.021	7.4356	309.71	4.2871	4.5476	9.5279	1.4018	3.3413
Apr.	1.9558	7.4503	26.823	7.4376	311.57	4.2374	4.5291	9.5941	1.4241	3.3620
May	1.9558	7.4317	26.572	7.4400	309.77	4.1998	4.5539	9.7097	1.4878	3.5424
June	1.9558	7.4104	26.264	7.4376	308.28	4.2113	4.5721	9.7538	1.4861	3.6948
July	1.9558	7.4116	26.079	7.4366	306.71	4.2362	4.5689	9.5892	1.4772	3.6928
Aug.	1.9558	7.4054	26.101	7.4379	304.37	4.2666	4.5789	9.5485	1.4919	3.7201
Sep.	1.9558	7.4639	26.075	7.4401	308.37	4.2693	4.5992	9.5334	1.4946	3.7316
Oct.	1.9558	7.5085	25.766	7.4429	309.95	4.2627	4.5895	9.6138	1.5099	3.7503
Nov.	1.9558	7.5512	25.538	7.4420	311.89	4.2268	4.6347	9.8479	1.5395	3.8246
Dec.	1.9558	7.5393	25.645	7.4433	313.16	4.2032	4.6348	9.9370	1.5486	3.8941
2018 Jan.	1.9558	7.4359	25.452	7.4455	309.27	4.1632	4.6491	9.8200	1.5340	3.9170
Feb.	1.9558	7.4399	25.320	7.4457	311.74	4.1653	4.6559	9.9384	1.5684	4.0109
Mar.	1.9558	7.4384	25.429	7.4490	312.19	4.2092	4.6613	10.1608	1.5889	4.0426
Apr.	1.9558	7.4209	25.365	7.4479	311.72	4.1937	4.6578	10.3717	1.5972	4.1815
May	1.9558	7.3912	25.640	7.4482	316.93	4.2850	4.6404	10.3419	1.5695	4.2912
June	1.9558	7.3822	25.778	7.4493	322.70	4.3038	4.6623	10.2788	1.5579	4.4049
July	1.9558	7.3971	25.850	7.4523	324.60	4.3239	4.6504	10.3076	1.5792	4.4765
Aug.	1.9558	7.4261	25.681	7.4558	323.02	4.2858	4.6439	10.4668	1.5762	4.5357
Sep.	1.9558	7.4294	25.614	7.4583	324.82	4.3006	4.6471	10.4426	1.6189	4.8013
Oct.	1.9558	7.4245	25.819	7.4597	323.84	4.3046	4.6658	10.3839	1.6158	4.3246
Nov.	1.9558	7.4281	25.935	7.4611	322.33	4.3018	4.6610	10.2918	1.5681	4.2973
Dec.	1.9558	7.4041	25.835	7.4653	322.74	4.2900	4.6536	10.2766	1.5849	4.4214
2019 Jan.	1.9558	7.4286	25.650	7.4657	319.80	4.2916	4.7062	10.2685	1.5975	4.2700
Feb.	1.9558	7.4151	25.726	7.4627	317.91	4.3175	4.7486	10.4986	1.5895	4.2234
Mar.	1.9558	7.4206	25.676	7.4625	315.92	4.2969	4.7546	10.4999	1.5959	4.3369
Apr.	1.9558	7.4282	25.677	7.4650	321.18	4.2864	4.7584	10.4819	1.5802	4.3740
May	1.9558	7.4189	25.768	7.4675	324.98	4.2958	4.7594	10.7372	1.6116	4.4797
June	1.9558	7.4079	25.605	7.4669	322.56	4.2635	4.7250	10.6263	1.6264	4.3600
July	1.9558	7.3903	25.548	7.4656	325.27	4.2596	4.7286	10.5604	1.6061	4.2416
Aug.	1.9558	7.3897	25.802	7.4602	326.91	4.3466	4.7280	10.7356	1.6431	4.4649
Sep.	1.9558	7.4012	25.868	7.4634	332.45	4.3531	4.7381	10.6968	1.6162	4.5307
Oct.	1.9558	7.4363	25.689	7.4693	331.46	4.3013	4.7538	10.8023	1.6271	4.5212
Nov.	1.9558	7.4400	25.531	7.4720	333.62	4.2855	4.7698	10.6497	1.6181	4.5900
Dec.	1.9558	7.4416	25.497	7.4720	330.71	4.2726	4.7779	10.4827	1.6154	4.5700
2020 Jan.	1.9558	7.4429	25.216	7.4729	334.38	4.2507	4.7788	10.5544	1.6189	4.6020
Feb.	1.9558	7.4543	25.051	7.4713	337.17	4.2766	4.7837	10.5679	1.6356	4.7327

\* See Explanatory notes, p. 51. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. 1 Resumption of exchange rate fixing on 1 February 2018.

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

pean countries													
Canada	China	Hong Kong	Iceland	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia	Mexico		Period	
Canadian dollar CAD	Chinese yuan renminbi CNY	Hong Kong dollar HKD	Icelandic krona ISK †	Indian rupee INR	Indonesian rupiah IDR	New shekel ILS	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN			
1.4039	7.2269	9.0102	–	72.2141	14,617.69	4.5856	137.47	1,266.19	4.1648	17.0782	2015	Jan.	
1.4199	7.0960	8.8020	–	70.4356	14,504.28	4.4192	134.69	1,250.50	4.0822	16.9310		Feb.	
1.3661	6.7623	8.4081	–	67.7387	14,152.16	4.3325	130.41	1,205.92	3.9889	16.4941		Mar.	
1.3313	6.6863	8.3550	–	67.6432	13,950.49	4.2456	128.94	1,170.32	3.9118	16.4288		Apr.	
1.3568	6.9165	8.6436	–	71.1153	14,650.36	4.3086	134.75	1,220.20	4.0191	17.0378		May	
1.3854	6.9587	8.6935	–	71.5873	14,919.43	4.2891	138.74	1,248.79	4.1949	17.3467		June	
1.4124	6.8269	8.5236	–	69.9960	14,720.40	4.1679	135.68	1,260.75	4.1824	17.5297		July	
1.4637	7.0626	8.6358	–	72.5361	15,370.92	4.2836	137.12	1,313.48	4.5297	18.4333		Aug.	
1.4882	7.1462	8.6966	–	74.2990	16,175.76	4.3917	134.85	1,329.94	4.8286	18.8821		Sep.	
1.4685	7.1346	8.7073	–	73.1116	15,482.55	4.3414	134.84	1,286.06	4.7818	18.6216		Oct.	
1.4248	6.8398	8.3211	–	71.0406	14,685.99	4.1760	131.60	1,239.19	4.6328	17.8605		Nov.	
1.4904	7.0193	8.4307	–	72.3851	15,087.43	4.2199	132.36	1,277.56	4.6615	18.5500		Dec.	
1.5447	7.1393	8.4509	–	73.2036	15,069.76	4.2903	128.32	1,307.56	4.7162	19.6039	2016	Jan.	
1.5317	7.2658	8.6333	–	75.7172	14,985.33	4.3336	127.35	1,349.77	4.6411	20.4826		Feb.	
1.4697	7.2220	8.6152	–	74.3018	14,629.58	4.2927	125.39	1,314.89	4.5167	19.5943		Mar.	
1.4559	7.3461	8.7954	–	75.3823	14,932.22	4.2812	124.29	1,300.58	4.4232	19.8402		Apr.	
1.4626	7.3864	8.7815	–	75.7016	15,188.82	4.3115	123.21	1,329.46	4.5755	20.4956		May	
1.4477	7.4023	8.7162	–	75.5592	14,969.03	4.3323	118.45	1,310.59	4.5760	20.9430		June	
1.4428	7.3910	8.5858	–	74.3738	14,520.91	4.2686	115.25	1,264.05	4.4471	20.5453		July	
1.4557	7.4537	8.6961	–	75.0303	14,757.31	4.2559	113.49	1,245.55	4.5141	20.7136		Aug.	
1.4677	7.4819	8.6964	–	74.8220	14,697.52	4.2210	114.22	1,244.12	4.6108	21.5034		Sep.	
1.4594	7.4198	8.5533	–	73.5775	14,361.10	4.2110	114.47	1,243.02	4.6040	20.8389		Oct.	
1.4519	7.3883	8.3758	–	73.0550	14,398.18	4.1491	116.93	1,256.71	4.6843	21.6800		Nov.	
1.4070	7.2983	8.1802	–	71.5390	14,135.71	4.0401	122.39	1,248.48	4.7013	21.6189		Dec.	
1.4032	7.3189	8.2332	–	72.2823	14,181.25	4.0543	122.14	1,254.41	4.7318	22.6576	2017	Jan.	
1.3942	7.3143	8.2586	–	71.2908	14,186.74	3.9672	120.17	1,215.92	4.7283	21.6027		Feb.	
1.4306	7.3692	8.2984	–	70.3238	14,255.46	3.9012	120.68	1,211.23	4.7413	20.6333		Mar.	
1.4408	7.3892	8.3364	–	69.2016	14,265.96	3.9153	118.29	1,215.64	4.7224	20.1297		Apr.	
1.5041	7.6130	8.6108	–	71.2681	14,730.60	3.9727	124.09	1,245.02	4.7713	20.7659		May	
1.4941	7.6459	8.7578	–	72.3798	14,940.12	3.9658	124.58	1,271.29	4.8045	20.3786		June	
1.4641	7.7965	8.9893	–	74.1945	15,363.84	4.0899	129.48	1,305.21	4.9389	20.5291		July	
1.4889	7.8760	9.2348	–	75.5465	15,753.09	4.2504	129.70	1,335.93	5.0579	21.0333		Aug.	
1.4639	7.8257	9.3094	–	76.8002	15,852.42	4.2080	131.92	1,348.89	5.0191	21.2431		Sep.	
1.4801	7.7890	9.1763	–	76.4977	15,904.42	4.1265	132.76	1,331.01	4.9716	22.1033		Oct.	
1.4978	7.7723	9.1617	–	76.1248	15,875.67	4.1283	132.39	1,292.05	4.8902	22.2188		Nov.	
1.5108	7.8073	9.2479	–	76.0663	16,048.79	4.1495	133.64	1,283.39	4.8238	22.6384		Dec.	
1.5167	7.8398	9.5394	–	77.6558	16,316.81	4.1753	135.25	1,300.93	4.8249	23.0903	2018	Jan.	
1.5526	7.8068	9.6585	124.69	79.5615	16,793.74	4.3173	133.29	1,331.47	4.8318	23.0251		Feb.	
1.5943	7.7982	9.6726	122.82	80.2526	16,973.10	4.2775	130.86	1,321.99	4.8155	22.9932		Mar.	
1.5622	7.7347	9.6350	122.30	80.6548	16,959.01	4.3425	132.16	1,312.94	4.7734	22.5610		Apr.	
1.5197	7.5291	9.2712	122.83	79.7891	16,594.39	4.2397	129.57	1,272.38	4.6891	23.0985		May	
1.5327	7.5512	9.1642	124.76	79.1601	16,393.39	4.2096	128.53	1,277.93	4.6717	23.7134		June	
1.5356	7.8504	9.1708	124.41	80.2996	16,836.55	4.2595	130.23	1,313.03	4.7327	22.2481		July	
1.5063	7.9092	9.0655	124.19	80.4260	16,822.69	4.2330	128.20	1,295.39	4.7277	21.7835		Aug.	
1.5211	7.9930	9.1375	128.90	84.2109	17,338.45	4.1858	130.54	1,305.86	4.8265	22.1891		Sep.	
1.4935	7.9481	9.0011	134.47	84.5447	17,428.73	4.1996	129.62	1,300.10	4.7761	21.9950		Oct.	
1.4998	7.8880	8.9000	139.78	81.5611	16,651.71	4.2122	128.79	1,280.89	4.7548	23.0062		Nov.	
1.5278	7.8398	8.9026	137.78	80.6166	16,512.15	4.2736	127.88	1,278.13	4.7459	22.8889		Dec.	
1.5196	7.7504	8.9527	136.66	80.7983	16,164.77	4.2075	124.34	1,281.46	4.7001	21.8985	2019	Jan.	
1.4995	7.6485	8.9082	136.10	80.8601	15,936.22	4.1162	125.28	1,274.32	4.6272	21.7766		Feb.	
1.5104	7.5868	8.8718	135.48	78.5605	16,059.50	4.0885	125.67	1,279.67	4.6090	21.7363		Mar.	
1.5035	7.5489	8.8164	135.34	78.0027	15,899.18	4.0413	125.44	1,284.41	4.6237	21.3367		Apr.	
1.5058	7.6736	8.7779	137.64	78.0798	16,095.47	4.0184	122.95	1,325.20	4.6665	21.3926		May	
1.5011	7.7937	8.8383	140.82	78.4078	16,060.27	4.0624	122.08	1,325.28	4.6968	21.7827		June	
1.4693	7.7151	8.7638	139.87	77.1279	15,745.50	3.9758	121.41	1,320.29	4.6258	21.3614		July	
1.4768	7.8581	8.7243	137.66	79.1902	15,838.62	3.9046	118.18	1,347.10	4.6599	21.8925		Aug.	
1.4578	7.8323	8.6224	137.57	78.5678	15,511.84	3.8769	118.24	1,315.02	4.6056	21.5374		Sep.	
1.4581	7.8447	8.6678	137.73	78.5177	15,604.45	3.8882	119.51	1,308.65	4.6283	21.3687		Oct.	
1.4630	7.7571	8.6511	136.52	78.9799	15,546.69	3.8472	120.34	1,291.19	4.5937	21.3399		Nov.	
1.4640	7.7974	8.6744	135.63	79.1092	15,568.87	3.8630	121.24	1,306.19	4.6093	21.2640		Dec.	
1.4523	7.6832	8.6283	137.10	79.1342	15,236.08	3.8417	121.36	1,296.12	4.5279	20.8733	2020	Jan.	
1.4485	7.6302	8.4785	138.23	77.9818	15,032.66	3.7432	120.03	1,303.58	4.5391	20.5356		Feb.	

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

### 2. Monthly averages + (cont'd)

EUR 1 = CU ...

Period	Other European and non-European countries (cont'd)										
	New Zealand dollar NZD	Norwegian krone NOK	Philippine peso PHP	Russian rouble RUB	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY	United Kingdom 1 Pound sterling GBP	United States US dollar USD
2015 Jan.	1.5213	8.9320	51.791	75.0459	1.5545	13.4598	1.0940	38.056	2.7153	0.76680	1.1621
Feb.	1.5236	8.6188	50.174	73.0742	1.5382	13.1532	1.0618	36.963	2.7958	0.74051	1.1350
Mar.	1.4506	8.6434	48.227	65.1401	1.4913	13.0756	1.0608	35.355	2.8077	0.72358	1.0838
Apr.	1.4217	8.5057	47.863	56.7415	1.4539	12.9588	1.0379	35.072	2.8743	0.72116	1.0779
May	1.5112	8.4103	49.741	56.3735	1.4882	13.3506	1.0391	37.408	2.9491	0.72124	1.1150
June	1.6046	8.7550	50.508	61.2390	1.5091	13.7965	1.0455	37.818	3.0299	0.72078	1.1213
July	1.6542	8.9357	49.814	63.2077	1.4972	13.6973	1.0492	37.760	2.9705	0.70685	1.0996
Aug.	1.7001	9.1815	51.536	73.3597	1.5573	14.3821	1.0777	39.465	3.1826	0.71423	1.1139
Sep.	1.7714	9.3075	52.456	74.8040	1.5879	15.3065	1.0913	40.426	3.3835	0.73129	1.1221
Oct.	1.6794	9.2892	52.070	70.9490	1.5731	15.1579	1.0882	40.092	3.2887	0.73287	1.1235
Nov.	1.6365	9.2572	50.537	69.7899	1.5181	15.1743	1.0833	38.432	3.0849	0.70658	1.0736
Dec.	1.6133	9.4642	51.337	76.3576	1.5321	16.3210	1.0827	39.162	3.1800	0.72595	1.0877
2016 Jan.	1.6654	9.5899	51.654	83.8638	1.5561	17.7592	1.0941	39.249	3.2713	0.75459	1.0860
Feb.	1.6732	9.5628	52.816	85.6158	1.5596	17.4987	1.1018	39.507	3.2638	0.77559	1.1093
Mar.	1.6481	9.4300	51.722	77.9394	1.5247	17.1222	1.0920	39.089	3.2072	0.78020	1.1100
Apr.	1.6458	9.3224	52.598	75.4333	1.5308	16.5695	1.0930	39.780	3.2135	0.79230	1.1339
May	1.6628	9.3036	52.951	74.4745	1.5494	17.3357	1.1059	40.064	3.3230	0.77779	1.1311
June	1.5955	9.3278	52.172	73.1466	1.5205	16.9371	1.0894	39.624	3.2737	0.77909	1.1229
July	1.5514	9.3690	52.102	71.2417	1.4949	15.9449	1.0867	38.794	3.2786	0.84106	1.1069
Aug.	1.5491	9.3030	52.254	72.7952	1.5106	15.4198	1.0881	38.916	3.3206	0.85521	1.1212
Sep.	1.5328	9.1971	53.359	72.2387	1.5240	15.7305	1.0919	38.935	3.3284	0.85228	1.1212
Oct.	1.5409	9.0009	53.304	69.0091	1.5257	15.3593	1.0887	38.666	3.3912	0.89390	1.1026
Nov.	1.5102	9.0807	53.160	69.5321	1.5232	15.0351	1.0758	38.155	3.5500	0.86894	1.0799
Dec.	1.4982	9.0252	52.493	65.3781	1.5137	14.6142	1.0750	37.730	3.6917	0.84441	1.0543
2017 Jan.	1.4923	8.9990	52.800	63.4978	1.5175	14.4012	1.0714	37.645	3.9869	0.86100	1.0614
Feb.	1.4733	8.8603	53.208	62.1520	1.5055	14.0389	1.0660	37.258	3.9011	0.85273	1.0643
Mar.	1.5255	9.0919	53.683	61.9097	1.5013	13.8125	1.0706	37.260	3.9228	0.86560	1.0685
Apr.	1.5389	9.1993	53.441	60.5721	1.4996	14.4384	1.0727	36.967	3.9150	0.84824	1.0723
May	1.5905	9.4001	55.108	63.1641	1.5423	14.6665	1.0904	38.103	3.9463	0.85554	1.1058
June	1.5544	9.4992	56.045	65.1136	1.5541	14.5025	1.0874	38.181	3.9554	0.87724	1.1229
July	1.5658	9.3988	58.306	68.7707	1.5790	15.1351	1.1059	38.834	4.1021	0.88617	1.1511
Aug.	1.6167	9.3201	60.161	70.2902	1.6070	15.6310	1.1398	39.267	4.1436	0.91121	1.1807
Sep.	1.6426	9.3275	60.732	68.6987	1.6084	15.6766	1.1470	39.497	4.1376	0.89470	1.1915
Oct.	1.6695	9.3976	60.471	67.8647	1.5992	16.1145	1.1546	39.069	4.3234	0.89071	1.1756
Nov.	1.7043	9.6082	59.733	69.2093	1.5911	16.5187	1.1640	38.623	4.5714	0.88795	1.1738
Dec.	1.7002	9.8412	59.602	69.4092	1.5938	15.5847	1.1689	38.639	4.5511	0.88265	1.1836
2018 Jan.	1.6800	9.6464	61.733	69.1156	1.6122	14.8910	1.1723	38.913	4.6027	0.88331	1.2200
Feb.	1.6892	9.6712	64.123	70.2041	1.6294	14.6041	1.1542	38.888	4.6710	0.88396	1.2348
Mar.	1.7001	9.5848	64.289	70.5195	1.6222	14.6218	1.1685	38.581	4.7993	0.88287	1.2336
Apr.	1.6942	9.6202	63.901	75.0983	1.6156	14.8756	1.1890	38.451	5.0003	0.87212	1.2276
May	1.6996	9.5642	61.746	73.6504	1.5819	14.8182	1.1780	37.781	5.2501	0.87726	1.1812
June	1.6822	9.4746	62.038	73.2934	1.5737	15.5262	1.1562	37.930	5.4073	0.87886	1.1678
July	1.7220	9.4975	62.394	73.3942	1.5931	15.6599	1.1622	38.894	5.5748	0.88726	1.1686
Aug.	1.7315	9.6161	61.539	76.6684	1.5807	16.2808	1.1413	38.146	6.8488	0.89687	1.1549
Sep.	1.7674	9.6205	62.957	78.8756	1.5986	17.2295	1.1286	38.013	7.3840	0.89281	1.1659
Oct.	1.7586	9.4793	61.950	75.6102	1.5843	16.6548	1.1413	37.652	6.6919	0.88272	1.1484
Nov.	1.6779	9.6272	59.958	75.5508	1.5629	16.0114	1.1377	37.470	6.0896	0.88118	1.1367
Dec.	1.6675	9.8055	60.135	76.6804	1.5595	16.1870	1.1293	37.238	6.0630	0.89774	1.1384
2019 Jan.	1.6850	9.7631	59.882	76.3055	1.5486	15.8170	1.1297	36.318	6.1365	0.88603	1.1416
Feb.	1.6605	9.7444	59.207	74.7184	1.5365	15.6879	1.1368	35.532	5.9888	0.87264	1.1351
Mar.	1.6540	9.7181	59.358	73.6288	1.5306	16.2507	1.1311	35.869	6.1983	0.85822	1.1302
Apr.	1.6720	9.6233	58.470	72.6571	1.5239	15.8959	1.1319	35.800	6.4707	0.86179	1.1238
May	1.7057	9.7794	58.483	72.6164	1.5340	16.1371	1.1304	35.570	6.7694	0.87176	1.1185
June	1.7119	9.7465	58.425	72.4028	1.5390	16.4749	1.1167	35.139	6.5619	0.89107	1.1293
July	1.6790	9.6587	57.338	70.9068	1.5268	15.7412	1.1076	34.550	6.3528	0.89942	1.1218
Aug.	1.7303	9.9742	58.075	73.2161	1.5408	16.8632	1.0892	34.218	6.2869	0.91554	1.1126
Sep.	1.7345	9.9203	57.306	71.4106	1.5183	16.3207	1.0903	33.639	6.2765	0.89092	1.1004
Oct.	1.7455	10.1165	56.860	71.0858	1.5150	16.4939	1.0981	33.558	6.4023	0.87539	1.1053
Nov.	1.7266	10.1087	56.062	70.5770	1.5047	16.3444	1.0978	33.422	6.3420	0.85761	1.1051
Dec.	1.6864	10.0429	56.432	69.9867	1.5081	16.0502	1.0925	33.562	6.5022	0.84731	1.1113
2020 Jan.	1.6811	9.9384	56.436	68.7690	1.5003	16.0091	1.0765	33.814	6.5808	0.84927	1.1100
Feb.	1.7064	10.1327	55.369	69.9107	1.5157	16.3640	1.0648	34.163	6.6195	0.84095	1.0905

\* See Explanatory notes, p. 51. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. 1 The United Kingdom ceased to be a member of the European Union on 31 January 2020.

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

### 3. End-of-year rates and annual averages

EUR 1 = CU ...

EU member countries										
Period	Bulgaria Bulgarian lev BGN	Croatia Kuna HRK	Cyprus Cyprus pound CYP 1	Czechia Czech koruna CZK	Denmark Danish krone DKK	Estonia Estonian kroon EEK 1	Hungary Hungarian forint HUF	Latvia Latvian lats LVL 1	Lithuania Lithuanian litas LTL 1	
<b>End of year</b>										
2006	1.9558	7.3504	0.57820	27.485	7.4560	15.6466	251.77	0.6972	3.4528	
2007	1.9558	7.3308	0.585274	26.628	7.4583	15.6466	253.73	0.6964	3.4528	
2008	1.9558	7.3555	–	26.875	7.4506	15.6466	266.70	0.7083	3.4528	
2009	1.9558	7.3000	–	26.473	7.4418	15.6466	270.42	0.7093	3.4528	
2010	1.9558	7.3830	–	25.061	7.4535	15.6466	277.95	0.7094	3.4528	
2011	1.9558	7.5370	–	25.787	7.4342	–	314.58	0.6995	3.4528	
2012	1.9558	7.5575	–	25.151	7.4610	–	292.30	0.6977	3.4528	
2013	1.9558	7.6265	–	27.427	7.4593	–	297.04	0.702804	3.4528	
2014	1.9558	7.6580	–	27.735	7.4453	–	315.54	–	3.4528	
2015	1.9558	7.6380	–	27.023	7.4626	–	315.98	–	–	
2016	1.9558	7.5597	–	27.021	7.4344	–	309.83	–	–	
2017	1.9558	7.4400	–	25.535	7.4449	–	310.33	–	–	
2018	1.9558	7.4125	–	25.724	7.4673	–	320.98	–	–	
2019	1.9558	7.4395	–	25.408	7.4715	–	330.53	–	–	
<b>Annual averages +</b>										
2006	1.9558	7.3247	0.57578	28.342	7.4591	15.6466	264.26	0.6962	3.4528	
2007	1.9558	7.3376	0.58263	27.766	7.4506	15.6466	251.35	0.7001	3.4528	
2008	1.9558	7.2239	–	24.946	7.4560	15.6466	251.51	0.7027	3.4528	
2009	1.9558	7.3400	–	26.435	7.4462	15.6466	280.33	0.7057	3.4528	
2010	1.9558	7.2891	–	25.284	7.4473	15.6466	275.48	0.7087	3.4528	
2011	1.9558	7.4390	–	24.590	7.4506	–	279.37	0.7063	3.4528	
2012	1.9558	7.5217	–	25.149	7.4437	–	289.25	0.6973	3.4528	
2013	1.9558	7.5786	–	25.980	7.4579	–	296.87	0.7015	3.4528	
2014	1.9558	7.6344	–	27.536	7.4548	–	308.71	–	3.4528	
2015	1.9558	7.6137	–	27.279	7.4587	–	310.00	–	–	
2016	1.9558	7.5333	–	27.034	7.4452	–	311.44	–	–	
2017	1.9558	7.4637	–	26.326	7.4386	–	309.19	–	–	
2018	1.9558	7.4182	–	25.647	7.4532	–	318.89	–	–	
2019	1.9558	7.4180	–	25.670	7.4661	–	325.30	–	–	
EU member countries (cont'd)					Other European and non-European countries					
Malta Maltese lira MTL 1	Poland Polish zloty PLN	Romania Romanian leu RON	Slovakia Slovak koruna SKK 1	Slovenia Slovenian tolar SIT 1	Sweden Swedish krona SEK	Australia Australian dollar AUD	Brazil Brazilian real BRL 2	Canada Canadian dollar CAD	China Chinese yuan renminbi CNY	
<b>End of year</b>										
2006	0.4293	3.8310	3.3835	34.435	239.6400	9.0404	1.6691	2.8141	1.5281	10.2793
2007	0.4293	3.5935	3.6077	33.583	–	9.4415	1.6757	2.5914	1.4449	10.7524
2008	–	4.1535	4.0225	30.126	–	10.8700	2.0274	3.2436	1.6998	9.4956
2009	–	4.1045	4.2363	–	–	10.2520	1.6008	2.5113	1.5128	9.8350
2010	–	3.9750	4.2620	–	–	8.9655	1.3136	2.2177	1.3322	8.8220
2011	–	4.4580	4.3233	–	–	8.9120	1.2723	2.4159	1.3215	8.1588
2012	–	4.0740	4.4445	–	–	8.5820	1.2712	2.7036	1.3137	8.2207
2013	–	4.1543	4.4710	–	–	8.8591	1.5423	3.2576	1.4671	8.3491
2014	–	4.2732	4.4828	–	–	9.3930	1.4829	3.2207	1.4063	7.5358
2015	–	4.2639	4.5240	–	–	9.1895	1.4897	4.3117	1.5116	7.0608
2016	–	4.4103	4.5390	–	–	9.5525	1.4596	3.4305	1.4188	7.3202
2017	–	4.1770	4.6585	–	–	9.8438	1.5346	3.9729	1.5039	7.8044
2018	–	4.3014	4.6635	–	–	10.2548	1.6220	4.4440	1.5605	7.8751
2019	–	4.2568	4.7830	–	–	10.4468	1.5995	4.5157	1.4598	7.8205
<b>Annual averages +</b>										
2006	0.4293	3.8959	3.5258	37.234	239.5961	9.2544	1.6668	2.7333	1.4237	10.0096
2007	0.4293	3.7837	3.3353	33.775	–	9.2501	1.6348	2.6633	1.4678	10.4178
2008	–	3.5121	3.6826	31.262	–	9.6152	1.7416	2.6737	1.5594	10.2236
2009	–	4.3276	4.2399	–	–	10.6191	1.7727	2.7674	1.5850	9.5277
2010	–	3.9947	4.2122	–	–	9.5373	1.4423	2.3314	1.3651	8.9712
2011	–	4.1206	4.2391	–	–	9.0298	1.3484	2.3265	1.3761	8.9960
2012	–	4.1847	4.4593	–	–	8.7041	1.2407	2.5084	1.2842	8.1052
2013	–	4.1975	4.4190	–	–	8.6515	1.3777	2.8687	1.3684	8.1646
2014	–	4.1843	4.4437	–	–	9.0985	1.4719	3.1211	1.4661	8.1857
2015	–	4.1841	4.4454	–	–	9.3535	1.4777	3.7004	1.4186	6.9733
2016	–	4.3632	4.4904	–	–	9.4689	1.4883	3.8561	1.4659	7.3522
2017	–	4.2570	4.5688	–	–	9.6351	1.4732	3.6054	1.4647	7.6290
2018	–	4.2615	4.6540	–	–	10.2583	1.5797	4.3085	1.5294	7.8081
2019	–	4.2976	4.7453	–	–	10.5891	1.6109	4.4134	1.4855	7.7355

\* See Explanatory notes, p. 51. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. 1 Accession to the euro area, see p. 7 (Table I. 1.). 2 Up to December 2007, ECB indicative rates.

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

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

EUR 1 = CU ...

Other European and non-European countries (cont'd)										
	Hong Kong	Iceland	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia	Mexico	New Zealand
Period	Hong Kong dollar HKD	Icelandic krona ISK <sup>1</sup>	Indian rupee INR <sup>2</sup>	Indonesian rupiah IDR	New shekel ILS <sup>3</sup>	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN <sup>4</sup>	New Zealand dollar NZD
<b>End of year</b>										
2006	10.2409	93.13	58.2180	11,844.44	5.5677	156.93	1,224.81	4.6490	14.2899	1.8725
2007	11.4800	91.90	57.8620	13,826.70	5.6539	164.93	1,377.96	4.8682	16.0732	1.9024
2008	10.7858	<sup>1</sup> –	67.4370	15,239.12	5.2919	126.14	1,839.13	4.8048	19.2333	2.4191
2009	11.1709	–	67.0400	13,626.13	5.4524	133.16	1,666.97	4.9326	18.9223	1.9803
2010	10.3856	–	59.7580	12,002.14	4.7321	108.65	1,499.06	4.0950	16.5475	1.7200
2011	10.0510	–	68.7130	11,731.47	4.9453	100.20	1,498.69	4.1055	18.0512	1.6737
2012	10.2260	–	72.5600	12,713.97	4.9258	113.61	1,406.23	4.0347	17.1845	1.6045
2013	10.6933	–	85.3660	16,764.78	4.7880	144.72	1,450.93	4.5221	18.0731	1.6762
2014	9.4170	–	76.7190	15,076.10	4.7200	145.23	1,324.80	4.2473	17.8679	1.5525
2015	8.4376	–	72.0215	15,039.99	4.2481	131.07	1,280.78	4.6959	18.9145	1.5923
2016	8.1751	–	71.5935	14,173.43	4.0477	123.40	1,269.36	4.7287	21.7719	1.5158
2017	9.3720	–	76.6055	16,239.12	4.1635	135.01	1,279.61	4.8536	23.6612	1.6850
2018	8.9675	133.20	79.7298	16,500.00	4.2972	125.85	1,277.93	4.7317	22.4921	1.7056
2019	8.7473	135.80	80.1870	15,595.60	3.8845	121.94	1,296.28	4.5953	21.2202	1.6653
<b>Annual averages +</b>										
2006	9.7545	87.76	56.8435	11,512.37	5.5920	146.02	1,198.58	4.6044	13.6936	1.9373
2007	10.6912	87.63	56.4186	12,528.33	5.6278	161.25	1,272.99	4.7076	14.9743	1.8627
2008	11.4541	<sup>1</sup> 143.83	63.6143	14,165.16	5.2561	152.45	1,606.09	4.8893	16.2911	2.0770
2009	10.8114	–	67.3611	14,443.74	5.4668	130.34	1,772.90	4.9079	18.7989	2.2121
2010	10.2994	–	60.5878	12,041.70	4.9457	116.24	1,531.82	4.2668	16.7373	1.8377
2011	10.8362	–	64.8859	12,206.51	4.9775	110.96	1,541.23	4.2558	17.2877	1.7600
2012	9.9663	–	68.5973	12,045.73	4.9536	102.49	1,447.69	3.9672	16.9029	1.5867
2013	10.3016	–	77.9300	13,857.50	4.7948	129.66	1,453.91	4.1855	16.9641	1.6206
2014	10.3025	–	81.0406	15,748.92	4.7449	140.31	1,398.14	4.3446	17.6550	1.5995
2015	8.6014	–	71.1956	14,870.39	4.3122	134.31	1,256.54	4.3373	17.6157	1.5930
2016	8.5922	–	74.3717	14,720.83	4.2489	120.20	1,284.18	4.5835	20.6673	1.5886
2017	8.8045	–	73.5324	15,118.01	4.0622	126.71	1,276.74	4.8527	21.3286	1.5897
2018	9.2559	<sup>1</sup> 127.89	80.7332	16,803.22	4.2423	130.40	1,299.07	4.7634	22.7054	1.7065
2019	8.7715	137.28	78.8361	15,835.27	3.9901	122.01	1,305.32	4.6374	21.5565	1.6998

Other European and non-European countries (cont'd)										
	Norway	Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United Kingdom <sup>6</sup>	United States
Period	Norwegian krone NOK	Philippine peso PHP	Russian rouble RUB	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira <sup>5</sup> TRY	Pound sterling GBP	US dollar USD
<b>End of year</b>										
2006	8.2380	64.546	34.6800	2.0202	9.2124	1.6069	46.770	1.8640	0.67150	1.3170
2007	7.9580	60.724	35.9860	2.1163	10.0298	1.6547	43.800	1.7170	0.73335	1.4721
2008	9.7500	65.930	41.2830	2.0040	13.0667	1.4850	48.285	2.1488	0.95250	1.3917
2009	8.3000	66.507	43.1540	2.0194	10.6660	1.4836	47.986	2.1547	0.88810	1.4406
2010	7.8000	58.300	40.8200	1.7136	8.8625	1.2504	40.170	2.0694	0.86075	1.3362
2011	7.7540	56.754	41.7650	1.6819	10.4830	1.2156	40.991	2.4432	0.83530	1.2939
2012	7.3483	54.107	40.3295	1.6111	11.1727	1.2072	40.347	2.3551	0.81610	1.3194
2013	8.3630	61.289	45.3246	1.7414	14.5660	1.2276	45.178	2.9605	0.83370	1.3791
2014	9.0420	54.436	72.3370	1.6058	14.0353	1.2024	39.910	2.8320	0.77890	1.2141
2015	9.6030	50.999	80.6736	1.5417	16.9530	1.0835	39.248	3.1765	0.73395	1.0887
2016	9.0863	52.268	64.3000	1.5234	14.4570	1.0739	37.726	3.7072	0.85618	1.0541
2017	9.8403	59.795	69.3920	1.6024	14.8054	1.1702	39.121	4.5464	0.88723	1.1993
2018	9.9483	60.113	79.7153	1.5591	16.4594	1.1269	37.052	6.0588	0.89453	1.1450
2019	9.8638	56.900	69.9563	1.5111	15.7773	1.0854	33.415	6.6843	0.85080	1.1234
<b>Annual averages +</b>										
2006	8.0472	64.379	34.1117	1.9941	8.5312	1.5729	47.594	1.8090	0.68173	1.2556
2007	8.0165	63.026	35.0183	2.0636	9.6596	1.6427	44.214	1.7865	0.68434	1.3705
2008	8.2237	65.172	36.4207	2.0762	12.0590	1.5874	48.475	1.9064	0.79628	1.4708
2009	8.7278	66.338	44.1376	2.0241	11.6737	1.5100	47.804	2.1631	0.89094	1.3948
2010	8.0043	59.739	40.2629	1.8055	9.6984	1.3803	42.014	1.9965	0.85784	1.3257
2011	7.7934	60.260	40.8846	1.7489	10.0970	1.2326	42.429	2.3378	0.86788	1.3920
2012	7.4751	54.246	39.9262	1.6055	10.5511	1.2053	39.928	2.3135	0.81087	1.2848
2013	7.8067	56.428	42.3370	1.6619	12.8330	1.2311	40.830	2.5335	0.84926	1.3281
2014	8.3544	58.979	50.9518	1.6823	14.4037	1.2146	43.147	2.9065	0.80612	1.3285
2015	8.9496	50.522	68.0720	1.5255	14.1723	1.0679	38.028	3.0255	0.72584	1.1095
2016	9.2906	52.556	74.1446	1.5275	16.2645	1.0902	39.043	3.3433	0.81948	1.1069
2017	9.3270	56.973	65.9383	1.5588	15.0490	1.1117	38.296	4.1206	0.87667	1.1297
2018	9.5975	62.210	74.0416	1.5926	15.6186	1.1550	38.164	5.7077	0.88471	1.1810
2019	9.8511	57.985	72.4553	1.5273	16.1757	1.1124	34.757	6.3578	0.87777	1.1195

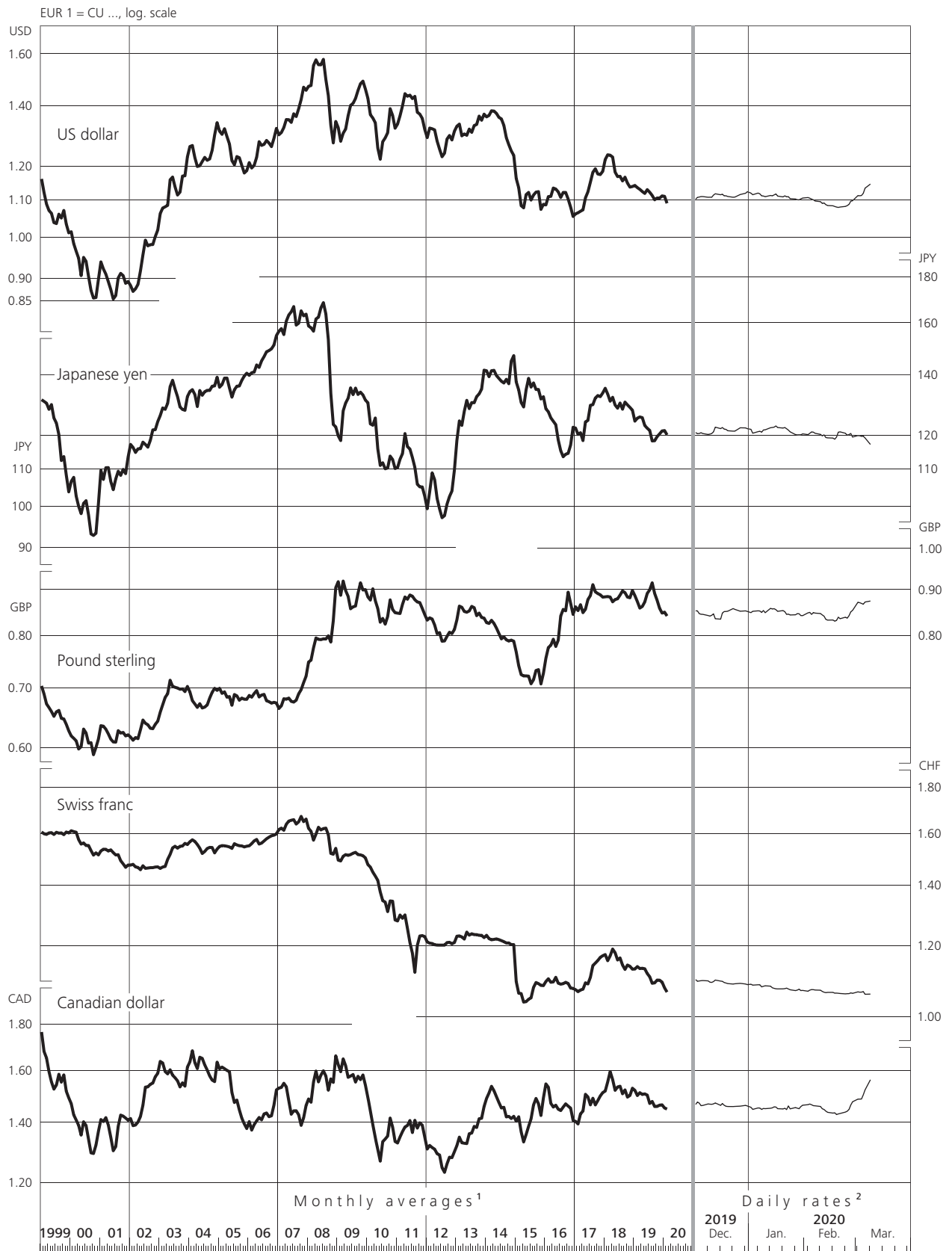
\* See Explanatory notes, p. 51. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. <sup>1</sup> The ECB did not fix euro foreign exchange reference rates for the Icelandic krona from 4 December 2008 to 31 January 2018. <sup>2</sup> Up to December 2008, ECB indicative rates. <sup>3</sup> Up to

December 2010, ECB indicative rates. <sup>4</sup> Up to December 2007, ECB indicative rates. <sup>5</sup> Up to end-2008, New Turkish lira. <sup>6</sup> The United Kingdom ceased to be a member of the European Union on 31 January 2020.



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

### 4. Exchange rates of major currencies



<sup>1</sup> Last monthly average: February 2020. <sup>2</sup> Last updated: 9 March 2020.

### 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 <sup>1</sup>				Memo item: Indicators of the German economy's price competitiveness based on consumer price indices vis-à-vis					
	EER-19		EER-38 <sup>2</sup>		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			
2001	87.8	87.0	90.6	86.8	93.0	98.1	86.9	91.4	90.8	
2002	90.1	90.0	95.2	90.4	93.5	96.9	89.5	91.9	91.7	
2003	100.7	101.1	107.1	101.2	97.0	95.7	99.1	96.5	96.7	
2004	104.6	104.8	111.7	104.9	98.3	95.4	102.8	97.9	98.2	
2005	102.9	103.3	109.6	102.3	98.4	95.2	103.2	96.8	96.5	
2006	102.8	103.2	109.6	101.5	98.5	94.9	104.1	96.4	95.8	
2007	106.1	105.8	113.0	103.4	100.8	95.3	109.7	97.8	97.0	
2008	109.3	107.9	117.1	105.4	102.1	94.7	114.8	97.8	97.0	
2009	110.7	108.7	120.2	106.4	101.7	94.5	113.8	97.9	97.4	
2010	103.6	101.0	111.6	97.4	98.7	94.1	106.0	93.6	91.9	
2011	103.3	99.9	112.3	96.9	98.1	93.8	105.0	92.7	91.2	
2012	97.7	94.7	107.2	92.1	95.9	93.3	99.7	89.7	88.2	
2013	101.0	97.5	111.8	94.9	98.1	93.3	105.7	91.4	90.1	
2014	101.4	97.1	114.1	95.2	98.2	93.6	105.4	91.6	90.7	
2015	91.7	87.6	105.7	87.0	94.6	94.1	95.1	86.9	86.2	
2016	94.4	89.5	109.7	<b>p</b> 88.9	95.3	94.1	96.7	87.9	<b>p</b> 87.4	
2017	96.6	91.4	112.0	<b>p</b> 90.0	96.6	94.3	99.9	89.0	<b>p</b> 88.3	
2018	98.9	93.4	117.9	<b>p</b> 93.8	97.9	94.4	103.2	90.3	<b>p</b> 90.3	
2019	97.3	91.2	116.7	<b>p</b> 91.5	<b>p</b> 96.6	<b>p</b> 94.3	100.1	<b>p</b> 89.1	<b>p</b> 89.1	
2016 May	94.6	89.8	110.2	<b>p</b> 89.4	95.2	94.1	96.6	88.1	<b>p</b> 87.8	
June	94.4	89.6	109.8	<b>p</b> 89.0	95.0	94.0	96.1	87.9	<b>p</b> 87.5	
July	94.6	89.7	109.5	<b>p</b> 88.7	95.3	94.1	96.9	88.0	<b>p</b> 87.3	
Aug.	94.9	90.0	110.0	<b>p</b> 89.0	95.5	94.0	97.4	88.1	<b>p</b> 87.4	
Sep.	95.1	90.1	110.2	<b>p</b> 89.2	95.5	94.0	97.5	88.1	<b>p</b> 87.5	
Oct.	95.1	90.3	110.0	<b>p</b> 89.0	95.8	94.1	98.1	88.2	<b>p</b> 87.4	
Nov.	94.6	89.7	109.6	<b>p</b> 88.6	95.4	94.2	97.0	88.0	<b>p</b> 87.3	
Dec.	93.7	89.0	108.6	<b>p</b> 87.8	95.2	94.4	96.1	87.8	<b>p</b> 87.0	
2017 Jan.	93.9	89.1	109.0	<b>p</b> 88.0	95.2	94.2	96.5	87.7	<b>p</b> 87.0	
Feb.	93.4	88.9	108.1	<b>p</b> 87.4	95.1	94.3	96.0	87.6	<b>p</b> 86.7	
Mar.	94.0	89.2	108.5	<b>p</b> 87.5	95.2	94.2	96.6	87.7	<b>p</b> 86.7	
Apr.	93.7	89.0	108.2	<b>p</b> 87.2	95.0	94.1	96.1	87.5	<b>p</b> 86.4	
May	95.6	90.5	110.5	<b>p</b> 88.8	95.9	94.2	98.3	88.4	<b>p</b> 87.5	
June	96.3	91.1	111.4	<b>p</b> 89.5	96.3	94.2	99.3	88.8	<b>p</b> 87.9	
July	97.6	92.3	113.3	<b>p</b> 90.9	97.1	94.4	101.1	89.6	<b>p</b> 88.9	
Aug.	99.0	93.6	115.0	<b>p</b> 92.3	97.9	94.4	103.1	90.4	<b>p</b> 89.8	
Sep.	99.0	93.6	115.0	<b>p</b> 92.2	97.8	94.3	103.0	90.3	<b>p</b> 89.7	
Oct.	98.6	93.1	114.8	<b>p</b> 91.9	97.5	94.1	102.5	89.9	<b>p</b> 89.3	
Nov.	98.5	93.1	115.0	<b>p</b> 92.0	97.9	94.4	103.1	90.1	<b>p</b> 89.6	
Dec.	98.8	93.3	115.3	<b>p</b> 92.1	98.0	94.4	103.4	90.2	<b>p</b> 89.7	
2018 Jan.	99.4	93.9	116.1	<b>p</b> 92.8	98.3	94.3	104.6	90.4	<b>p</b> 90.0	
Feb.	99.6	93.9	117.3	<b>p</b> 93.6	98.3	94.3	104.6	90.4	<b>p</b> 90.1	
Mar.	99.7	94.2	117.7	<b>p</b> 94.0	98.5	94.4	104.8	90.6	<b>p</b> 90.3	
Apr.	99.5	94.0	117.9	<b>p</b> 94.0	98.5	94.3	105.0	90.5	<b>p</b> 90.4	
May	98.1	92.7	116.6	<b>p</b> 93.1	97.9	94.3	103.4	89.8	<b>p</b> 89.8	
June	97.9	92.6	116.7	<b>p</b> 93.0	97.7	94.4	102.6	89.8	<b>p</b> 89.8	
July	99.2	93.8	118.2	<b>p</b> 94.2	97.6	94.2	102.9	90.3	<b>p</b> 90.3	
Aug.	99.0	93.4	119.0	<b>p</b> 94.6	97.5	94.3	102.4	90.1	<b>p</b> 90.6	
Sep.	99.5	93.9	120.4	<b>p</b> 95.5	97.9	94.5	103.0	90.6	<b>p</b> 91.4	
Oct.	98.9	93.4	119.0	<b>p</b> 94.4	97.5	94.4	102.1	90.3	<b>p</b> 90.7	
Nov.	98.3	92.9	117.9	<b>p</b> 93.5	97.5	94.6	101.8	90.2	<b>p</b> 90.4	
Dec.	98.4	92.7	118.0	<b>p</b> 93.3	97.3	94.4	101.8	89.9	<b>p</b> 90.1	
2019 Jan.	97.8	92.2	117.3	<b>p</b> 92.7	97.0	94.1	101.2	89.5	<b>p</b> 89.6	
Feb.	97.4	91.7	116.6	<b>p</b> 92.0	96.9	94.2	100.9	89.2	<b>p</b> 89.3	
Mar.	96.9	91.1	116.2	<b>p</b> 91.5	96.6	94.1	100.3	88.9	<b>p</b> 89.0	
Apr.	96.7	90.9	116.1	<b>p</b> 91.4	96.8	94.3	100.3	88.9	<b>p</b> 89.1	
May	97.4	91.4	117.0	<b>p</b> 91.9	96.9	94.4	100.5	89.3	<b>p</b> 89.5	
June	97.9	91.8	117.4	<b>p</b> 92.2	97.0	94.4	100.9	89.4	<b>p</b> 89.6	
July	97.5	91.3	116.5	<b>p</b> 91.3	96.9	94.5	100.6	89.2	<b>p</b> 89.2	
Aug.	98.1	91.8	117.6	<b>p</b> 92.0	96.7	94.3	100.3	89.4	<b>p</b> 89.5	
Sep.	97.4	91.1	116.7	<b>p</b> 91.2	96.3	94.3	99.2	89.0	<b>p</b> 89.0	
Oct.	97.4	90.9	116.6	<b>p</b> 90.9	96.3	94.3	99.3	88.9	<b>p</b> 88.8	
Nov.	96.7	90.2	116.0	<b>p</b> 90.3	96.2	94.3	98.8	88.5	<b>p</b> 88.5	
Dec.	96.7	90.1	116.0	<b>p</b> 90.2	<b>p</b> 96.2	<b>p</b> 94.4	98.7	<b>p</b> 88.6	<b>p</b> 88.5	
2020 Jan.	96.2	<b>p</b> 89.3	115.5	<b>p</b> 89.4	<b>p</b> 96.2	<b>p</b> 94.5	98.6	<b>p</b> 88.2	<b>p</b> 88.2	
Feb.	95.6	<b>p</b> 88.7	114.9	<b>p</b> 88.8	<b>p</b> 95.9	<b>p</b> 94.6	<b>p</b> 97.6	<b>p</b> 88.0	<b>p</b> 87.9	

\* See Explanatory notes, p. 51. <sup>1</sup> Source: ECB. <sup>2</sup> 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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month			
					December 2019	January 2020	February 2020	
<b>Afghanistan</b>								
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 77.7425	AFN 77.8947	AFN 76.3800	AFN 74.9625	
		S	USD 1 =	AFN 77.8425	AFN 77.9947	AFN 76.4800	AFN 75.0625	
	AFN	B	EUR 1 =	AFN 86.8579	AFN 86.6728	AFN 84.3245	AFN 82.6057	
		S	EUR 1 =	AFN 87.1179	AFN 86.9328	AFN 84.5845	AFN 82.8657	
	<b>Albania</b>							
	Tirana 070	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 109.89	ALL 108.64	ALL 110.71	ALL 111.99
M			EUR 1 =	ALL 123.10	ALL 121.77	ALL 122.13	ALL 122.48	
<b>Algeria</b>								
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 119.3708	DZD 119.1468	DZD 119.9744	DZD 120.0060	
		S	USD 1 =	DZD 119.3858	DZD 119.1618	DZD 119.9894	DZD 120.0210	
	DZD	B	EUR 1 =	DZD 133.6219	DZD 133.5874	DZD 132.2718	DZD 132.4626	
		S	EUR 1 =	DZD 133.6725	DZD 133.6519	DZD 132.3243	DZD 132.5272	
<b>Angola <sup>1</sup></b>								
Luanda 330	Kwanza = 100 cêntimos	B	USD 1 =	AOA 372.022	AOA 477.356	AOA 490.790	AOA 487.654	
		S	USD 1 =	AOA 377.658	AOA 487.098	AOA 500.806	AOA 497.606	
	AOA	B	EUR 1 =	AOA 415.985	AOA 535.450	AOA 541.440	AOA 538.175	
		S	EUR 1 =	AOA 422.157	AOA 546.183	AOA 552.289	AOA 548.959	
<b>Antigua and Barbuda</b>								
St John's 459	East Caribbean dollar = 100 cents	2 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882	
		2 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169	
	XCD	V, B	EUR 1 =	XCD 3.0094	XCD 3.0199	XCD 2.9710	XCD 2.9508	
		V, S	EUR 1 =	XCD 3.0416	XCD 3.0522	XCD 3.0027	XCD 2.9823	
<b>Argentina <sup>1</sup></b>								
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 48.0341	ARS 59.6900	ARS 60.1500	ARS 62.0100	
		S	USD 1 =	ARS 48.2341	ARS 59.8900	ARS 60.3500	ARS 62.2100	
	ARS	B	EUR 1 =	ARS 53.6198	ARS 66.8528	ARS 66.5921	ARS 68.1242	
		S	EUR 1 =	ARS 53.9640	ARS 67.2265	ARS 66.9644	ARS 68.4994	
<b>Armenia</b>								
Yerevan 077	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 480.30	AMD 479.70	AMD 478.60	AMD 478.60	
		M	EUR 1 =	AMD 537.96	AMD 537.26	AMD 527.80	AMD 528.57	
<b>Aruba</b>								
Oranjestad 474	Aruban florin = 100 cents	2 B	USD 1 =	AWG 1.78	AWG 1.78	AWG 1.78	AWG 1.78	
		2 S	USD 1 =	AWG 1.80	AWG 1.80	AWG 1.80	AWG 1.80	
	AWG	B	EUR 100 =	AWG 199.37	AWG 199.81	AWG 196.46	AWG 196.23	
		S	EUR 100 =	AWG 201.37	AWG 201.82	AWG 198.43	AWG 198.20	

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 53. <sup>1</sup> See Explanatory notes on individual countries, pp. 57 ff. <sup>2</sup> Value against the US dollar.

#### IV. Overview of world currencies \*

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

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Australia</b>							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.6952	USD 0.7006	USD 0.6724	USD 0.6524
		M	AUD 1 =	EUR 0.6220	EUR 0.6254	EUR 0.6099	EUR 0.5934
<b>Austria</b>							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>Azerbaijan</b>							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 1.7000	AZN 1.7000	AZN 1.7000	AZN 1.7000
		M	EUR 1 =	AZN 1.9044	AZN 1.9035	AZN 1.8742	AZN 1.8688
<b>Bahamas</b>							
Nassau 453	Bahamian dollar = 100 cents BSD	2 B	USD 1 =	BSD 0.9950	BSD 0.9950	BSD 0.9950	BSD 0.9950
		2 S	USD 1 =	BSD 1.0125	BSD 1.0125	BSD 1.0125	BSD 1.0125
		V, B	EUR 1 =	BSD 1.11390	BSD 1.11778	BSD 1.09967	BSD 1.09221
		V, S	EUR 1 =	BSD 1.13349	BSD 1.13744	BSD 1.11902	BSD 1.11142
<b>Bahrain</b>							
Manama 640	Bahraini dinar = 1,000 fils BHD	2 B	USD 1 =	BHD 0.37425	BHD 0.37425	BHD 0.37425	BHD 0.37425
		2 S	USD 1 =	BHD 0.37785	BHD 0.37785	BHD 0.37785	BHD 0.37785
		B	EUR 1 =	BHD 0.4095324	BHD 0.4100869	BHD 0.4028604	BHD 0.4000086
S	EUR 1 =	BHD 0.4348643	BHD 0.4354531	BHD 0.4277796	BHD 0.4247514		
<b>Bangladesh <sup>1</sup></b>							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 84.4875	BDT 84.9000	BDT 84.9000	BDT 84.9500
		S	USD 1 =	BDT 84.4875	BDT 84.9000	BDT 84.9000	BDT 84.9500
		B	EUR 1 =	BDT 94.4087	BDT 94.8758	BDT 93.4664	BDT 92.4171
		S	EUR 1 =	BDT 94.4389	BDT 94.9012	BDT 93.5004	BDT 92.4511
<b>Barbados</b>							
Bridgetown 469	Barbados dollar = 100 cents BBD	2 B	USD 1 =	BBD 1.99375	BBD 1.99375	BBD 1.99375	BBD 1.99375
		2 S	USD 1 =	BBD 2.02768	BBD 2.02768	BBD 2.02768	BBD 2.02768
		B	EUR 1 =	BBD 2.22660	BBD 2.23039	BBD 2.19694	BBD 2.18847
		S	EUR 1 =	BBD 2.26834	BBD 2.27220	BBD 2.23812	BBD 2.22950
<b>Belarus</b>							
Minsk 073	Belarusian rouble = 100 kopecks BYN	M	USD 1 =	BYN 2.0921	BYN 2.1036	BYN 2.1377	BYN 2.2391
		M	EUR 1 =	BYN 2.3430	BYN 2.3524	BYN 2.3539	BYN 2.4675

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 53. <sup>1</sup> See Explanatory notes on individual countries, pp. 57 ff. <sup>2</sup> Value against the US dollar.

#### IV. Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Belgium</b>							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>Belize</b>							
Belmopan 421	Belize dollar = 100 cents	<sup>2</sup> B	USD 1 =	BZD 1.9825	BZD 1.9825	BZD 1.9825	BZD 1.9825
		<sup>2</sup> S	USD 1 =	BZD 2.0175	BZD 2.0175	BZD 2.0175	BZD 2.0175
	B	EUR 1 =	BZD 2.2193	BZD 2.2277	BZD 2.1917	BZD 2.1770	
	S	EUR 1 =	BZD 2.2585	BZD 2.2671	BZD 2.2303	BZD 2.2154	
<b>Benin <sup>1</sup></b>							
Porto-Novo Seat of government: Cotonou 284	CFA franc	V	USD 1 =	XOF 585.937	XOF 583.903	XOF 593.519	XOF 597.574
	XOF	<sup>3</sup>	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Bermuda</b>							
Hamilton 413	Bermudian dollar = 100 cents	<sup>2</sup> B	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
		<sup>2</sup> S	USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
	V, B	EUR 1 =	BMD 1.1150	BMD 1.1189	BMD 1.1008	BMD 1.0933	
	V, S	EUR 1 =	BMD 1.1243	BMD 1.1282	BMD 1.1100	BMD 1.1024	
<b>Bhutan <sup>1</sup></b>							
Thimphu 675	Ngultrum = 100 chhetrum	B	USD 1 =	BTN 69.42	BTN 70.30	BTN 70.50	BTN 70.55
		S	USD 1 =	BTN 71.58	BTN 72.50	BTN 72.65	BTN 72.75
	B	EUR 1 =	BTN 77.58	BTN 78.65	BTN 77.55	BTN 77.15	
	S	EUR 1 =	BTN 79.73	BTN 80.85	BTN 79.70	BTN 79.30	
<b>Bolivia, Plurinational State of</b>							
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 7.6777	BOB 7.7065	BOB 7.5817	BOB 7.5302	
	V, S	EUR 1 =	BOB 7.7896	BOB 7.8189	BOB 7.6922	BOB 7.6400	
<b>Bosnia and Herzegovina</b>							
Sarajevo 093	Convertible marka = 100 feninga	B	USD 1 =	BAM 1.745661	BAM 1.743624	BAM 1.768919	BAM 1.777299
		S	USD 1 =	BAM 1.754412	BAM 1.752364	BAM 1.777785	BAM 1.786207
	BAM	<sup>3</sup>	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583
<b>Botswana</b>							
Gaborone 391	Pula = 100 thebe	B	BWP 1 =	USD 0.0932	USD 0.0945	USD 0.0915	USD 0.0896
		S	BWP 1 =	USD 0.0930	USD 0.0943	USD 0.0913	USD 0.0894
	B	BWP 1 =	EUR 0.0832	EUR 0.0842	EUR 0.0828	EUR 0.0815	
	S	BWP 1 =	EUR 0.0830	EUR 0.0840	EUR 0.0826	EUR 0.0813	

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 53. <sup>1</sup> See Explanatory notes on individual countries, pp. 57 ff. <sup>2</sup> Value against the US dollar. <sup>3</sup> Value against the euro.

#### IV. Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Brazil</b>							
Brasília 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 3.9450	BRL 4.0301	BRL 4.2689	BRL 4.4981
		S	USD 1 =	BRL 3.9456	BRL 4.0307	BRL 4.2695	BRL 4.4987
	BRL	B	EUR 1 =	BRL 4.4095	BRL 4.5290	BRL 4.7291	BRL 4.9403
		S	EUR 1 =	BRL 4.4114	BRL 4.5305	BRL 4.7315	BRL 4.9427
<b>Brunei Darussalam <sup>1</sup></b>							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3544	BND 1.3426	BND 1.3523	BND 1.3892
		S	USD 1 =	BND 1.3727	BND 1.3607	BND 1.3704	BND 1.4074
	BND	B	EUR 1 =	BND 1.4998	BND 1.4867	BND 1.4767	BND 1.5106
		S	EUR 1 =	BND 1.5546	BND 1.5408	BND 1.5309	BND 1.5654
<b>Bulgaria</b>							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.74707	BGN 1.74099	BGN 1.76966	BGN 1.78175
		2	EUR 1 =	BGN 1.95583	BGN 1.95583	BGN 1.95583	BGN 1.95583
<b>Burkina Faso <sup>1</sup></b>							
Ouagadougou 236	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 583.903	XOF 593.519	XOF 597.574
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Burundi</b>							
Gitega 328	Burundi franc = 100 centimes BIF	B	USD 1 =	BIF 1,830.0200	BIF 1,862.7840	BIF 1,868.7735	BIF 1,873.8720
		S	USD 1 =	BIF 1,866.9901	BIF 1,900.4160	BIF 1,906.5265	BIF 1,911.7280
	BIF	B	EUR 1 =	BIF 2,048.8141	BIF 2,087.9945	BIF 2,059.8556	BIF 2,061.5403
		S	EUR 1 =	BIF 2,090.2042	BIF 2,130.1763	BIF 2,101.4688	BIF 2,103.1875
<b>Cabo Verde</b>							
Praia 247	Cabo Verde escudo = 100 centavos CVE	B	USD 1 =	CVE 98.564	CVE 98.447	CVE 99.876	CVE 100.469
		S	USD 1 =	CVE 98.766	CVE 98.649	CVE 100.078	CVE 100.671
	2	EUR 1 =	CVE 110.265	CVE 110.265	CVE 110.265	CVE 110.265	
<b>Cambodia</b>							
Phnom Penh 696	Riel = 100 sen KHR	M	USD 1 =	KHR 4,055	KHR 4,075	KHR 4,050	KHR 4,070
		B	EUR 1 =	KHR 4,538	KHR 4,565	KHR 4,466	KHR 4,476
	S	EUR 1 =	KHR 4,583	KHR 4,610	KHR 4,511	KHR 4,521	
<b>Cameroon <sup>1</sup></b>							
Yaoundé 302	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 583.903	XAF 593.519	XAF 597.574
		2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
<b>Canada</b>							
Ottawa 404	Canadian dollar = 100 cents CAD	M	USD 1 =	CAD 1.3269	CAD 1.2988	CAD 1.3233	CAD 1.3429
		M	EUR 1 =	CAD 1.4807	CAD 1.4583	CAD 1.4653	CAD 1.4766

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 53. <sup>1</sup> See Explanatory notes on individual countries, pp. 57 ff. <sup>2</sup> Value against the euro.

#### IV. Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Cayman Islands</b>							
George Town 463	Cayman Islands dollar = 100 cents KYD	2	KYD 1 =	USD 1.20	USD 1.20	USD 1.20	USD 1.20
		V	EUR 1 =	KYD 0.9329	KYD 0.9362	KYD 0.9210	KYD 0.9148
<b>Central African Republic <sup>1</sup></b>							
Bangui 306	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 583.903	XAF 593.519	XAF 597.574
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
<b>Chad <sup>1</sup></b>							
N'Djaména 244	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 583.903	XAF 593.519	XAF 597.574
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
<b>Chile</b>							
Santiago 512	Chilean peso = 100 centavos CLP	M	USD 1 =	CLP 704.01	CLP 744.62	CLP 797.96	CLP 816.26
		M	EUR 1 =	CLP 787.30	CLP 832.35	CLP 880.26	CLP 895.41
<b>China</b>							
Beijing 720	Chinese renminbi <sup>4</sup> 1 yuan (renminbi) = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.8999	CNY 6.9762	CNY 6.8876	CNY 7.0066
		M	EUR 1 =	CNY 7.7181	CNY 7.8155	CNY 7.6400	CNY 7.7059
		M	HKD 1 =	CNY 0.87996	CNY 0.89578	CNY 0.88593	CNY 0.89866
<b>China (Taiwan)</b>							
Taipei 736	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 30.830	TWD 29.930	TWD 30.140	TWD 30.200
		S	USD 1 =	TWD 30.930	TWD 30.030	TWD 30.240	TWD 30.300
		B	EUR 1 =	TWD 34.40	TWD 33.39	TWD 33.09	TWD 32.84
S	EUR 1 =	TWD 34.80	TWD 33.79	TWD 33.49	TWD 33.24		
<b>Colombia</b>							
Bogotá 480	Colombian peso = 100 centavos COP	M	USD 1 =	COP 3,285.734	COP 3,277.14	COP 3,411.45	COP 3,507.11
		V, M	EUR 1 =	COP 3,675.671	COP 3,681.539	COP 3,770.335	COP 3,849.755
<b>Comoros</b>							
Moroni 375	Comorian franc = 100 centimes KMF	V	USD 1 =	KMF 439.45310	KMF 437.92750	KMF 445.13912	KMF 448.18051
		3	EUR 1 =	KMF 491.96775	KMF 491.96775	KMF 491.96775	KMF 491.96775
<b>Congo <sup>1</sup></b>							
Brazzaville 318	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 583.903	XAF 593.519	XAF 597.574
		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. <sup>1</sup> See Explanatory notes on individual countries, pp. 57 ff.

<sup>2</sup> Value against the US dollar. <sup>3</sup> Value against the euro. <sup>4</sup> 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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Congo, Democratic Republic of the</b>							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 1,615.5594	CDF 1,639.4878	CDF 1,650.2983	CDF 1,656.7333
		S	USD 1 =	CDF 1,681.6740	CDF 1,706.4056	CDF 1,717.6574	CDF 1,724.3550
	CDF	B	EUR 1 =	CDF 1,811.0131	CDF 1,828.5341	CDF 1,815.8009	CDF 1,790.1592
		S	EUR 1 =	CDF 1,884.9217	CDF 1,903.1681	CDF 1,889.9152	CDF 1,863.2269
<b>Cook Islands <sup>1</sup></b>							
Avarua 837	Cook Islands dollar <sup>2</sup> = 100 cents  NZD	B	NZD 1 =	EUR 0.6042	EUR 0.6160	EUR 0.6034	EUR 0.5837
		S	NZD 1 =	EUR 0.5779	EUR 0.5892	EUR 0.5769	EUR 0.5579
<b>Costa Rica</b>							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 582.03	CRC 570.09	CRC 567.06	CRC 565.87
		S	USD 1 =	CRC 588.40	CRC 576.49	CRC 573.36	CRC 572.33
	CRC	V, B	EUR 1 =	CRC 651.7240	CRC 640.4391	CRC 626.7147	CRC 621.1555
		V, S	EUR 1 =	CRC 658.8577	CRC 647.6289	CRC 633.6775	CRC 628.2466
<b>Côte d'Ivoire <sup>1</sup></b>							
Yamoussoukro Seat of government: Abidjan 272	CFA franc  XOF	V	USD 1 =	XOF 585.937	XOF 583.903	XOF 593.519	XOF 597.574
		<sup>3</sup>	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Croatia</b>							
Zagreb 092	Kuna = 100 lipa	B	USD 1 =	HRK 6.601452	HRK 6.629961	HRK 6.733492	HRK 6.738456
		S	USD 1 =	HRK 6.641180	HRK 6.669861	HRK 6.774014	HRK 6.779008
	HRK	B	EUR 1 =	HRK 7.394331	HRK 7.420252	HRK 7.415594	HRK 7.434538
		S	EUR 1 =	HRK 7.438830	HRK 7.464908	HRK 7.460222	HRK 7.479280
<b>Cuba <sup>1</sup></b>							
Havana 448	Convertible peso/ Cuban peso = 100 centavos	<sup>4</sup> B	CUC 1 =	USD 1.01009	USD 1.01009	USD 1.01009	USD 1.01009
		<sup>4</sup> S	CUC 1 =	USD 0.99010	USD 0.99010	USD 0.99010	USD 0.99010
	CUC/CUP	B	EUR 1 =	CUC 1.10740	CUC 1.10597	CUC 1.09231	CUC 1.08766
		S	EUR 1 =	CUC 1.12978	CUC 1.12833	CUC 1.11439	CUC 1.10964
<b>Curaçao</b>							
Willemstad 477	Netherlands Antillean guilder = 100 cents	<sup>4</sup> B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		<sup>4</sup> S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 199.40	ANG 199.82	ANG 196.47	ANG 196.24
		S	EUR 100 =	ANG 203.42	ANG 203.84	ANG 200.43	ANG 200.19
<b>Cyprus</b>							
Nicosia 600	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>Czechia</b>							
Prague 061	Czech koruna = 100 heller  CZK	M	USD 1 =	CZK 22.934	CZK 22.621	CZK 22.810	CZK 23.124
		M	EUR 1 =	CZK 25.659	CZK 25.410	CZK 25.210	CZK 25.390

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

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

#### IV. Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Denmark</b>							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 667.03	DKK 667.59	DKK 676.18	DKK 680.72
		M	EUR 100 =	DKK 746.59	DKK 746.97	DKK 747.31	DKK 747.23
<b>Djibouti</b>							
Djibouti 338	Djibouti franc = 100 centimes DJF	2 B	USD 1 =	DJF 176.832	DJF 176.832	DJF 176.832	DJF 176.832
		2 S	USD 1 =	DJF 179.498	DJF 179.498	DJF 179.498	DJF 179.498
		B	EUR 1 =	DJF 196.37	DJF 196.56	DJF 193.30	DJF 194.46
		S	EUR 1 =	DJF 203.98	DJF 204.24	DJF 200.85	DJF 202.05
<b>Dominica</b>							
Roseau 460	East Caribbean dollar = 100 cents XCD	2 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		2 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
		V, B	EUR 1 =	XCD 3.0094	XCD 3.0199	XCD 2.9710	XCD 2.9508
		V, S	EUR 1 =	XCD 3.0416	XCD 3.0522	XCD 3.0027	XCD 2.9823
<b>Dominican Republic</b>							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 50.9676	DOP 52.5061	DOP 52.7998	DOP 53.0990
		S	USD 1 =	DOP 51.4344	DOP 52.9775	DOP 53.2803	DOP 53.6179
		B	EUR 1 =	DOP 56.4612	DOP 57.6462	DOP 57.7180	DOP 57.2410
		S	EUR 1 =	DOP 59.8316	DOP 61.1969	DOP 61.2646	DOP 60.8295
<b>Egypt</b>							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 16.7300	EGP 15.99	EGP 15.75	EGP 15.55
		S	USD 1 =	EGP 16.8300	EGP 16.09	EGP 15.85	EGP 15.65
		B	EUR 1 =	EGP 18.7034	EGP 17.9072	EGP 17.3360	EGP 17.0304
		S	EUR 1 =	EGP 18.8934	EGP 18.0836	EGP 17.4841	EGP 17.2979
<b>El Salvador <sup>1</sup></b>							
San Salvador 428	El Salvador colón = 100 centavos SVC	2	USD 1 =	SVC 8.75	SVC 8.75	SVC 8.75	SVC 8.75
		V, B / S	EUR 1 =	SVC 9.7956	SVC 9.8298	SVC 9.6705	SVC 9.6049
<b>Equatorial Guinea <sup>1</sup></b>							
Malabo 310	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 583.903	XAF 593.519	XAF 597.574
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
<b>Eritrea</b>							
Asmara 336	Nakfa = 100 cents ERN	2 B	USD 1 =	ERN 15.00	ERN 15.00	ERN 15.00	ERN 15.00
		2 S	USD 1 =	ERN 15.15	ERN 15.15	ERN 15.15	ERN 15.15
		B	EUR 1 =	ERN 16.7610	ERN 16.7880	ERN 16.5345	ERN 16.4190
		S	EUR 1 =	ERN 17.3972	ERN 17.4242	ERN 17.1707	ERN 17.0552
<b>Estonia</b>							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 53. <sup>1</sup> 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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Ethiopia</b>							
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 29.2198	ETB 31.8041	ETB 32.0606	ETB 32.2739
		S	USD 1 =	ETB 29.8042	ETB 32.4402	ETB 32.7018	ETB 32.9194
	ETB	B	EUR 1 =	ETB 32.6752	ETB 35.5920	ETB 35.3180	ETB 35.2980
S		EUR 1 =	ETB 33.3287	ETB 36.3038	ETB 36.0244	ETB 36.0040	
<b>Eswatini <sup>1</sup></b>							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 14.4713	SZL 14.0949	SZL 14.7849	SZL 15.5957
		S	USD 1 =	SZL 14.4789	SZL 14.1042	SZL 14.7908	SZL 15.6067
	SZL	B	EUR 1 =	SZL 16.19020	SZL 15.7950	SZL 16.3027	SZL 17.1498
S		EUR 1 =	SZL 16.20051	SZL 15.8092	SZL 16.3108	SZL 17.1646	
<b>Falkland Islands (Islas Malvinas)</b>							
Stanley 529	Falkland Islands pound <sup>2</sup> = 100 pence FKP	V	USD 1 =	FKP 0.78407	FKP 0.75734	FKP 0.76163	FKP 0.77722
		V	EUR 1 =	FKP 0.87777	FKP 0.85080	FKP 0.84175	FKP 0.85315
<b>Fiji</b>							
Suva 815	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4715	USD 0.4748	USD 0.4651	USD 0.4594
		S	FJD 1 =	USD 0.4545	USD 0.4578	USD 0.4481	USD 0.4424
	FJD	B	FJD 1 =	EUR 0.4194	EUR 0.4219	EUR 0.4192	EUR 0.4158
S		FJD 1 =	EUR 0.4074	EUR 0.4099	EUR 0.4072	EUR 0.4038	
<b>Finland</b>							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>France</b>							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>Gabon <sup>1</sup></b>							
Libreville 314	CFA franc XAF	V	USD 1 =	XAF 585.937	XAF 583.903	XAF 593.519	XAF 597.574
		3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
<b>Gambia</b>							
Banjul 252	Dalasi = 100 bututs GMD	M	USD 1 =	GMD 50.10	GMD 51.22	GMD 51.10	GMD 51.05
		M	EUR 1 =	GMD 56.49	GMD 57.08	GMD 56.71	GMD 55.67
<b>Georgia</b>							
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 =	GEL 2.8241	GEL 2.8677	GEL 2.8934	GEL 2.7905
		M	EUR 1 =	GEL 3.1620	GEL 3.2095	GEL 3.1868	GEL 3.0782

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 53. <sup>1</sup> See Explanatory notes on individual countries, pp. 57 ff. <sup>2</sup> Parity in relation to the pound sterling. <sup>3</sup> Value against the euro.

#### IV. Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Germany</b>							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>Ghana</b>							
Accra 276	Ghana cedi = 100 Ghana pesewas	B	USD 1 =	GHS 5.2480	GHS 5.5309	GHS 5.4645	GHS 5.2923
		S	USD 1 =	GHS 5.2532	GHS 5.5365	GHS 5.4699	GHS 5.2975
	B	EUR 1 =	GHS 5.8682	GHS 6.2096	GHS 6.0458	GHS 5.8024	
	S	EUR 1 =	GHS 5.8727	GHS 6.2131	GHS 6.0493	GHS 5.8071	
<b>Gibraltar</b>							
Gibraltar 044	Gibraltar pound <sup>2</sup> = 100 pence GIP	V	USD 1 =	GIP 0.78407	GIP 0.75734	GIP 0.76163	GIP 0.77722
		V	EUR 1 =	GIP 0.87777	GIP 0.85080	GIP 0.84175	GIP 0.85315
<b>Greece</b>							
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>Grenada</b>							
St George's 473	East Caribbean dollar = 100 cents	<sup>3</sup> B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		<sup>3</sup> S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	V, B	EUR 1 =	XCD 3.0094	XCD 3.0199	XCD 2.9710	XCD 2.9508	
	V, S	EUR 1 =	XCD 3.0416	XCD 3.0522	XCD 3.0027	XCD 2.9823	
<b>Guatemala</b>							
Guatemala City 416	Quetzal = 100 centavos GTQ	M	USD 1 =	GTQ 7.70380	GTQ 7.69884	GTQ 7.66401	GTQ 7.67884
		V, M	EUR 1 =	GTQ 8.62411	GTQ 8.64888	GTQ 8.47026	GTQ 8.42906
<b>Guinea</b>							
Conakry 260	Guinean franc GNF	M	USD 1 =	GNF 9,192.6286	GNF 9,400.8249	GNF 9,350.5630	GNF 9,365.2286
		M	EUR 1 =	GNF 10,296.1706	GNF 10,518.5782	GNF 10,286.5605	GNF 10,184.6859
<b>Guinea-Bissau <sup>1</sup></b>							
Bissau 257	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 583.903	XOF 593.519	XOF 597.574
		<sup>4</sup>	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Guyana</b>							
Georgetown 488	Guyana dollar = 100 cents	B	USD 1 =	GYD 207.98	GYD 207.98	GYD 207.98	GYD 207.98
		S	USD 1 =	GYD 210.45	GYD 210.45	GYD 210.45	GYD 210.45
	B	EUR 1 =	GYD 232.73	GYD 233.31	GYD 229.25	GYD 228.90	
	S	EUR 1 =	GYD 235.71	GYD 236.30	GYD 232.19	GYD 231.84	

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

<sup>2</sup> Parity in relation to the pound sterling. <sup>3</sup> Value against the US dollar. <sup>4</sup> Value against the euro.

#### IV. Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Haiti</b>							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 89.3946	HTG 91.9842	HTG 92.7940	HTG 94.7716
		V, M	EUR 1 =	HTG 100.0195	HTG 103.3351	HTG 102.5559	HTG 104.0308
<b>Honduras</b>							
Tegucigalpa 424	Lempira = 100 centavos HNL	B	USD 1 =	HNL 24.5217	HNL 24.6350	HNL 24.6511	HNL 24.6966
		S	USD 1 =	HNL 24.6934	HNL 24.8074	HNL 24.8237	HNL 24.8695
		V, B	EUR 1 =	HNL 27.4496	HNL 27.6750	HNL 27.2444	HNL 27.1095
		V, S	EUR 1 =	HNL 27.6418	HNL 27.8686	HNL 27.4352	HNL 27.2993
<b>Hong Kong</b>							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.80686	HKD 7.74870	HKD 7.73810	HKD 7.76250
		S	USD 1 =	HKD 7.86088	HKD 7.82480	HKD 7.80070	HKD 7.82550
		B	EUR 1 =	HKD 8.70052	HKD 8.64990	HKD 8.47470	HKD 8.48350
		S	EUR 1 =	HKD 8.82890	HKD 8.83700	HKD 8.66160	HKD 8.67090
<b>Hungary</b>							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 290.65	HUF 294.74	HUF 305.24	HUF 307.72
		M	EUR 1 =	HUF 326.03	HUF 330.52	HUF 336.65	HUF 339.88
<b>Iceland</b>							
Reykjavik 024	Icelandic krona ISK	B	USD 1 =	ISK 122.145	ISK 120.81	ISK 123.07	ISK 125.99
		S	USD 1 =	ISK 122.728	ISK 121.39	ISK 123.65	ISK 126.59
		B	EUR 1 =	ISK 136.48	ISK 135.45	ISK 135.72	ISK 138.91
		S	EUR 1 =	ISK 137.24	ISK 136.21	ISK 136.48	ISK 139.69
<b>India <sup>1</sup></b>							
New Delhi 664	Indian rupee = 100 paise INR	M	USD 1 =	INR 70.4119	INR 71.2740	INR 71.5096	INR 72.1895
		M	EUR 1 =	INR 78.8192	INR 79.8830	INR 78.8169	INR 79.4421
<b>Indonesia</b>							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 14,070.79	IDR 13,831.50	IDR 13,593.69	IDR 14,162.83
		S	USD 1 =	IDR 14,212.13	IDR 13,970.51	IDR 13,730.31	IDR 14,305.17
		B	EUR 1 =	IDR 15,736.06	IDR 15,509.26	IDR 14,989.76	IDR 15,562.12
		S	EUR 1 =	IDR 15,897.25	IDR 15,667.93	IDR 15,145.90	IDR 15,719.95
<b>Iran, Islamic Republic of <sup>1</sup></b>							
Tehran 616	Iranian rial = 100 dinars IRR	<sup>2</sup> M	USD 1 =	IRR 42,000	IRR 42,000	IRR 42,000	IRR 42,000
		<sup>2</sup> M	EUR 1 =	IRR 47,002	IRR 47,055	IRR 46,266	IRR 46,316
		<sup>3</sup> M	USD 1 =	IRR 127,350	IRR 133,500	IRR 137,700	IRR 151,000
		<sup>3</sup> M	EUR 1 =	IRR 142,808	IRR 150,000	IRR 152,150	IRR 166,500

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 53. <sup>1</sup> See Explanatory notes on individual countries, pp. 57 ff. <sup>2</sup> Central bank rate. <sup>3</sup> Bureau de change rate.

#### IV. Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Iraq <sup>1</sup></b>							
Baghdad 612	Iraqi dinar = 1,000 fils  IQD	<b>2</b> B S	USD 1 =	IQD 1,182.00	IQD 1,182.00	IQD 1,182.00	IQD 1,182.00
			USD 1 =	IQD 1,190.00	IQD 1,190.00	IQD 1,190.00	
		B S	EUR 1 =	IQD 1,322.806	IQD 1,325.022	IQD 1,303.628	IQD 1,285.425
			EUR 1 =	IQD 1,331.759	IQD 1,333.990	IQD 1,312.451	IQD 1,294.125
		<b>3</b> S	USD 1 =	IQD 1,195.91	IQD 1,204.478	IQD 1,193.382	IQD 1,192.500
V, S	EUR 1 =	IQD 1,338.75	IQD 1,353.11	IQD 1,318.93	IQD 1,309.01		
<b>Ireland</b>							
Dublin 007	Euro = 100 cent  EUR		M   EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>Israel</b>							
Jerusalem 624	New shekel = 100 agorot  ILS		M   USD 1 =	ILS 3.5643	ILS 3.4560	ILS 3.4480	ILS 3.4670
			M   EUR 1 =	ILS 3.9816	ILS 3.8782	ILS 3.8023	ILS 3.8196
<b>Italy</b>							
Rome 005	Euro = 100 cent  EUR		M   EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>Jamaica</b>							
Kingston 464	Jamaican dollar = 100 cents  JMD	B S	USD 1 =	JMD 132.5023	JMD 131.5887	JMD 138.1706	JMD 136.4865
			USD 1 =	JMD 134.1077	JMD 133.4762	JMD 140.9165	JMD 138.0161
		B S	EUR 1 =	JMD 143.87390	JMD 147.8815	JMD 155.3259	JMD 146.7135
			EUR 1 =	JMD 150.12124	JMD 145.9031	JMD 157.7204	JMD 153.1419
<b>Japan</b>							
Tokyo 732	Japanese yen = 100 sen  JPY	B S	USD 1 =	JPY 107.99	JPY 108.56	JPY 108.06	JPY 108.43
			USD 1 =	JPY 109.99	JPY 110.56	JPY 110.06	JPY 110.43
		B S	EUR 1 =	JPY 120.65	JPY 121.04	JPY 118.80	JPY 118.82
			EUR 1 =	JPY 123.65	JPY 124.04	JPY 121.80	JPY 121.82
<b>Jordan</b>							
Amman 628	Jordanian dinar = 1,000 fils  JOD	<b>2</b> B S	USD 1 =	JOD 0.7080	JOD 0.7080	JOD 0.7080	JOD 0.7080
			USD 1 =	JOD 0.7100	JOD 0.7100	JOD 0.7100	
		B S	EUR 1 =	JOD 0.79156	JOD 0.79289	JOD 0.77930	JOD 0.77030
			EUR 1 =	JOD 0.79615	JOD 0.79754	JOD 0.78292	JOD 0.77866
<b>Kazakhstan</b>							
Nur-Sultan 079	Tenge = 100 tiyn  KZT		M   USD 1 =	KZT 382.96	KZT 381.18	KZT 378.80	KZT 381.10
			M   EUR 1 =	KZT 428.91	KZT 426.85	KZT 417.32	KZT 420.81

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.

#### IV. Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Kenya <sup>1</sup></b>							
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 102.0469	KES 101.2365	KES 100.4853	KES 100.8824
		S	USD 1 =	KES 102.2455	KES 101.4365	KES 100.6847	KES 101.0824
	KES	B	EUR 1 =	KES 114.0250	KES 113.2441	KES 110.7747	KES 110.6594
		S	EUR 1 =	KES 114.2775	KES 113.4918	KES 111.0206	KES 110.9082
<b>Korea, Democratic People's Republic of <sup>2</sup></b>							
Pyongyang 724	North Korean won = 100 chon	B	USD 1 =	KPW 107.60	KPW 107.98	KPW 108.28	KPW 109.16
		S	USD 1 =	KPW 108.67	KPW 109.06	KPW 109.36	KPW 110.25
	KPW	B	EUR 1 =	KPW 120.38	KPW 119.75	KPW 119.43	KPW 118.46
		S	EUR 1 =	KPW 121.58	KPW 120.95	KPW 120.62	KPW 119.64
<b>Korea, Republic of</b>							
Seoul 728	South Korean won = 100 chon	B	USD 1 =	KRW 1,155.48	KRW 1,144.70	KRW 1,182.80	KRW 1,198.70
		S	USD 1 =	KRW 1,178.07	KRW 1,167.30	KRW 1,206.20	KRW 1,222.30
	KRW	B	EUR 1 =	KRW 1,291.45	KRW 1,283.84	KRW 1,304.36	KRW 1,322.32
		S	EUR 1 =	KRW 1,317.53	KRW 1,309.76	KRW 1,330.70	KRW 1,349.02
<b>Kuwait</b>							
Kuwait 636	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.30219	KWD 0.30050	KWD 0.30250	KWD 0.30305
		S	USD 1 =	KWD 0.30600	KWD 0.30660	KWD 0.30610	KWD 0.30915
	KWD	B	EUR 1 =	KWD 0.338360	KWD 0.337732	KWD 0.333567	KWD 0.333006
		S	EUR 1 =	KWD 0.342626	KWD 0.344588	KWD 0.337536	KWD 0.339709
<b>Kyrgyzstan</b>							
Bishkek 083	Kyrgyz som = 100 tyiyn KGS	M	USD 1 =	KGS 69.7811	KGS 69.6439	KGS 69.8500	KGS 69.8500
		M	EUR 1 =	KGS 78.1604	KGS 77.9803	KGS 76.9503	KGS 77.0760
<b>Lao People's Democratic Republic</b>							
Vientiane 684	Kip	B	USD 1 =	LAK 8,701	LAK 8,868	LAK 8,879	LAK 8,888
		S	USD 1 =	LAK 8,715	LAK 8,883	LAK 8,894	LAK 8,903
	LAK	B	EUR 1 =	LAK 9,722	LAK 9,915	LAK 9,789	LAK 9,764
		S	EUR 1 =	LAK 9,767	LAK 9,962	LAK 9,835	LAK 9,810
<b>Latvia</b>							
Riga 054	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>Lebanon</b>							
Beirut 604	Lebanese pound = 100 piastres LBP	M	USD 1 =	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50
		M	EUR 1 =	LBP 1,688.52	LBP 1,686.89	LBP 1,662.47	LBP 1,664.88
<b>Lesotho <sup>1</sup></b>							
Maseru 395	Loti = 100 lisente LSL	M	USD 1 =	LSL 14.4518	LSL 14.0657	LSL 14.7306	LSL 15.5761
		M	EUR 1 =	LSL 16.1709	LSL 15.7395	LSL 16.2368	LSL 17.1166

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

<sup>2</sup> 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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Liberia <sup>1</sup></b>							
Monrovia 268	Liberian dollar = 100 cents	B	USD 1 =	LRD 187.22	LRD 187.0855	LRD 194.5697	LRD 196.7120
		S	USD 1 =	LRD 188.53	LRD 188.7680	LRD 196.2180	LRD 198.4249
	LRD	V, B	EUR 1 =	LRD 209.3707	LRD 210.1719	LRD 215.0384	LRD 215.9308
		V, S	EUR 1 =	LRD 210.8311	LRD 212.0620	LRD 216.8601	LRD 217.8110
<b>Libya</b>							
Tripoli 216	Libyan dinar = 1,000 dirham	B	USD 1 =	LYD 1.3950	LYD 1.3928	LYD 1.4003	LYD 1.4084
		S	USD 1 =	LYD 1.4020	LYD 1.3998	LYD 1.4073	LYD 1.4155
	LYD	B	EUR 1 =	LYD 1.5614	LYD 1.5609	LYD 1.5420	LYD 1.5365
		S	EUR 1 =	LYD 1.5692	LYD 1.5688	LYD 1.5497	LYD 1.5442
<b>Lithuania</b>							
Vilnius 055	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>Luxembourg</b>							
Luxembourg 018	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>Macao <sup>1</sup></b>							
Macao 743	Pataca = 100 avos	B	USD 1 =	MOP 8.0632	MOP 8.0145	MOP 7.9951	MOP 8.0221
		S	USD 1 =	MOP 8.0857	MOP 8.0370	MOP 8.0176	MOP 8.0446
	MOP	B	EUR 1 =	MOP 9.0205	MOP 8.9841	MOP 8.8095	MOP 8.8512
		S	EUR 1 =	MOP 9.0590	MOP 9.0226	MOP 8.8480	MOP 8.8897
<b>Madagascar</b>							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 3,618.91	MGA 3,627.27	MGA 3,626.54	MGA 3,698.37
		M	EUR 1 =	MGA 4,047.48	MGA 4,041.90	MGA 4,001.82	MGA 4,075.14
<b>Malawi</b>							
Lilongwe 386	Malawi kwacha = 100 tambala	B	USD 1 =	MWK 730.0152	MWK 729.1112	MWK 729.2283	MWK 729.2882
		S	USD 1 =	MWK 748.8212	MWK 743.6920	MWK 743.8113	MWK 743.8724
	MWK	B	EUR 1 =	MWK 817.1855	MWK 816.8962	MWK 803.8283	MWK 802.0711
		S	EUR 1 =	MWK 838.2581	MWK 833.2325	MWK 819.9032	MWK 818.1109
<b>Malaysia</b>							
Kuala Lumpur Seat of government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 4.0795	MYR 4.0437	MYR 4.0261	MYR 4.1478
		S	USD 1 =	MYR 4.2010	MYR 4.1593	MYR 4.1479	MYR 4.2732
	MYR	B	EUR 1 =	MYR 4.5493	MYR 4.5159	MYR 4.4290	MYR 4.5497
		S	EUR 1 =	MYR 4.7219	MYR 4.6749	MYR 4.5859	MYR 4.7108

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 53. <sup>1</sup> 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 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Maldives</b>							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.38	MVR 15.38	MVR 15.35	MVR 15.34
		V, M	EUR 1 =	MVR 17.21739	MVR 17.27789	MVR 16.96482	MVR 16.83872
<b>Mali 1</b>							
Bamako 232	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 583.903	XOF 593.519	XOF 597.574
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Malta</b>							
Valletta 046	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>Mauritania</b>							
Nouakchott 228	Ouguiya MRU	B	USD 1 =	MRU 36.66	MRU 37.23	MRU 37.25	MRU 37.12
		S	USD 1 =	MRU 37.02	MRU 37.60	MRU 37.62	MRU 37.49
		B	EUR 1 =	MRU 41.05	MRU 41.76	MRU 41.03	MRU 40.61
		S	EUR 1 =	MRU 41.46	MRU 42.17	MRU 41.44	MRU 41.02
<b>Mauritius</b>							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 35.1821	MUR 35.9289	MUR 36.3283	MUR 36.9633
		S	USD 1 =	MUR 36.0814	MUR 36.8279	MUR 37.2279	MUR 37.8629
		B	EUR 1 =	MUR 39.2334	MUR 40.1279	MUR 39.9087	MUR 40.4890
		S	EUR 1 =	MUR 40.3539	MUR 41.2681	MUR 41.0427	MUR 41.6281
<b>Mexico</b>							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 19.2133	MXN 18.8810	MXN 18.8610	MXN 19.8545
		S	USD 1 =	MXN 19.2189	MXN 18.8860	MXN 18.8660	MXN 19.8610
		V, B	EUR 1 =	MXN 21.6387	MXN 21.2109	MXN 20.8452	MXN 21.7943
		V, S	EUR 1 =	MXN 21.6451	MXN 21.2165	MXN 20.8507	MXN 21.8014
<b>Moldova, Republic of</b>							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 17.5804	MDL 17.2093	MDL 17.5092	MDL 17.7711
		M	EUR 1 =	MDL 19.6863	MDL 19.2605	MDL 19.2977	MDL 19.4479
<b>Mongolia</b>							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 2,666.78	MNT 2,734.33	MNT 2,751.57	MNT 2,762.71
		M	EUR 1 =	MNT 2,985.10	MNT 3,063.54	MNT 3,034.57	MNT 3,039.26
<b>Morocco</b>							
Rabat 204	Moroccan dirham = 100 centimes MAD	M	USD 1 =	MAD 9.6194	MAD 9.5932	MAD 9.6284	MAD 9.5984
		M	EUR 1 =	MAD 10.7721	MAD 10.7645	MAD 10.6201	MAD 10.5861

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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Mozambique</b>							
Maputo 366	Metical = 100 centavos	B	USD 1 =	MZN 61.93	MZN 60.86	MZN 63.26	MZN 64.63
		S	USD 1 =	MZN 63.14	MZN 62.07	MZN 64.52	MZN 65.91
	MZN	B	EUR 1 =	MZN 69.27	MZN 68.22	MZN 69.77	MZN 71.13
		S	EUR 1 =	MZN 70.63	MZN 69.57	MZN 71.16	MZN 72.55
<b>Myanmar</b>							
Nay Pyi Taw 676	Kyat = 100 pyas MMK	M	USD 1 =	MMK 1,515.79	MMK 1,479.80	MMK 1,464.20	MMK 1,434.30
		M	EUR 1 =	MMK 1,696.96	MMK 1,656.90	MMK 1,614.10	MMK 1,582.20
<b>Namibia <sup>1</sup></b>							
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 14.4649	NAD 13.9999	NAD 14.8122	NAD 15.6439
		M	EUR 1 =	NAD 16.1826	NAD 15.6842	NAD 16.3264	NAD 17.2183
<b>Nepal</b>							
Kathmandu 672	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 112.39	NPR 113.81	NPR 114.08	NPR 115.20
		S	USD 1 =	NPR 112.99	NPR 114.41	NPR 114.68	NPR 115.80
	NPR	B	EUR 1 =	NPR 125.65	NPR 127.38	NPR 125.72	NPR 126.88
		S	EUR 1 =	NPR 126.32	NPR 128.05	NPR 126.38	NPR 127.54
<b>Netherlands</b>							
Amsterdam Seat of government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>New Caledonia <sup>1</sup></b>							
Nouméa 809	CFP franc XPF	V	XPF 1,000 =	USD 9.38	USD 9.41	USD 9.26	USD 9.20
		2	XPF 1,000 =	EUR 8.38	EUR 8.38	EUR 8.38	EUR 8.38
<b>New Zealand</b>							
Wellington 804	New Zealand dollar = 100 cents	B	NZD 1 =	USD 0.6742	USD 0.6878	USD 0.6629	USD 0.6395
		S	NZD 1 =	USD 0.6499	USD 0.6631	USD 0.6388	USD 0.6161
	NZD	B	NZD 1 =	EUR 0.6042	EUR 0.6160	EUR 0.6034	EUR 0.5837
		S	NZD 1 =	EUR 0.5779	EUR 0.5892	EUR 0.5769	EUR 0.5579
<b>Nicaragua</b>							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 33.1826	NIO 33.8381	NIO 33.9229	NIO 34.0024
		V, M	EUR 1 =	NIO 37.14094	NIO 38.01372	NIO 37.49159	NIO 37.32443

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 53. <sup>1</sup> See Explanatory notes on individual countries, pp. 57 ff. <sup>2</sup> Value against the euro.

#### IV. Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Niger <sup>1</sup></b>							
Niamey 240	CFA franc	V	USD 1 =	XOF 585.937	XOF 583.903	XOF 593.519	XOF 597.574
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Nigeria <sup>1</sup></b>							
Abuja 288	Naira = 100 kobo	B	USD 1 =	NGN 305.93	NGN 306.00	NGN 306.00	NGN 305.95
		S	USD 1 =	NGN 306.93	NGN 307.00	NGN 307.00	NGN 306.95
	NGN	B	EUR 1 =	NGN 342.6227	NGN 343.6992	NGN 338.2218	NGN 336.5756
		S	EUR 1 =	NGN 343.7427	NGN 344.8224	NGN 339.3271	NGN 337.6757
<b>North Macedonia</b>							
Skopje 096	North Macedonia denar = 100 deni	B	USD 1 =	MKD 54.6710	MKD 54.6770	MKD 55.6439	MKD 55.9662
		S	USD 1 =	MKD 55.2205	MKD 55.2266	MKD 56.2031	MKD 56.5286
	MKD	B	EUR 1 =	MKD 61.2040	MKD 61.1782	MKD 61.3696	MKD 61.3614
		S	EUR 1 =	MKD 61.8191	MKD 61.7930	MKD 61.9864	MKD 61.9780
<b>Norway</b>							
Oslo 028	Norwegian krone = 100 øre	B	USD 1 =	NOK 8.7713	NOK 8.7816	NOK 9.1664	NOK 9.4491
		S	USD 1 =	NOK 8.8400	NOK 8.8536	NOK 9.2384	NOK 9.5211
	NOK	B	EUR 1 =	NOK 9.8140	NOK 9.8412	NOK 10.1087	NOK 10.3893
		S	EUR 1 =	NOK 9.8901	NOK 9.9202	NOK 10.1877	NOK 10.4683
<b>Oman</b>							
Muscat 649	Rial Omani = 1,000 baisa	3 B	USD 1 =	OMR 0.3840	OMR 0.3840	OMR 0.3840	OMR 0.3840
		3 S	USD 1 =	OMR 0.3850	OMR 0.3850	OMR 0.3850	OMR 0.3850
	OMR	B	EUR 1 =	OMR 0.4299008	OMR 0.4301184	OMR 0.4228608	OMR 0.4187904
		S	EUR 1 =	OMR 0.4310973	OMR 0.4313155	OMR 0.4240390	OMR 0.4199580
<b>Pakistan</b>							
Islamabad 662	Pakistani rupee = 100 paisa	B	USD 1 =	PKR 150.06	PKR 154.85	PKR 154.40	PKR 154.20
		S	USD 1 =	PKR 150.56	PKR 155.35	PKR 154.90	PKR 154.70
	PKR	B	EUR 1 =	PKR 167.98	PKR 173.48	PKR 170.22	PKR 169.49
		S	EUR 1 =	PKR 168.56	PKR 174.05	PKR 170.78	PKR 170.04
<b>Panama <sup>1</sup></b>							
Panama City 442	Balboa = 100 centésimos	4	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
	PAB	V	EUR 1 =	PAB 1.1195	PAB 1.1234	PAB 1.1052	PAB 1.0977
<b>Papua New Guinea</b>							
Port Moresby 801	Kina = 100 toea	B	PGK 1 =	USD 0.3026	USD 0.3010	USD 0.3010	USD 0.3010
		S	PGK 1 =	USD 0.2876	USD 0.2860	USD 0.2860	USD 0.2860
	PGK	B	EUR 1 =	EUR 0.2669	EUR 0.2625	EUR 0.2665	EUR 0.2672
		S	EUR 1 =	EUR 0.2519	EUR 0.2475	EUR 0.2515	EUR 0.2522

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

<sup>2</sup> Value against the euro. <sup>3</sup> Value against the US dollar. <sup>4</sup> Parity in relation to the US dollar.

#### IV. Overview of world currencies \*

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

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Paraguay</b>							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 6,237.82	PYG 6,442.33	PYG 6,527.43	PYG 6,507.00
		S	USD 1 =	PYG 6,252.06	PYG 6,463.95	PYG 6,533.74	PYG 6,512.59
	PYG	V, B	EUR 1 =	PYG 6,978.71	PYG 7,208.32	PYG 7,214.12	PYG 7,142.73
		V, S	EUR 1 =	PYG 6,994.63	PYG 7,232.51	PYG 7,221.09	PYG 7,148.87
<b>Peru</b>							
Lima 504	Sol = 100 céntimos	B	USD 1 =	PEN 3.333	PEN 3.311	PEN 3.373	PEN 3.448
		S	USD 1 =	PEN 3.337	PEN 3.317	PEN 3.376	PEN 3.451
	PEN	B	EUR 1 =	PEN 3.690	PEN 3.652	PEN 3.721	PEN 3.772
		S	EUR 1 =	PEN 3.840	PEN 3.877	PEN 3.762	PEN 3.818
<b>Philippines</b>							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 51.41	PHP 50.45	PHP 50.55	PHP 50.55
		S	USD 1 =	PHP 51.91	PHP 50.95	PHP 51.05	PHP 51.05
	PHP	B	EUR 1 =	PHP 55.8464	PHP 54.4423	PHP 54.2708	PHP 54.0806
		S	EUR 1 =	PHP 59.1191	PHP 57.6521	PHP 57.4690	PHP 57.2647
<b>Poland</b>							
Warsaw 060	Polish zloty = 100 groszy PLN	M	USD 1 =	PLN 3.8399	PLN 3.7977	PLN 3.8999	PLN 3.9255
		M	EUR 1 =	PLN 4.3018	PLN 4.2585	PLN 4.3010	PLN 4.3355
<b>Portugal</b>							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>Qatar</b>							
Doha 644	Qatari riyal = 100 dirham QAR	2	USD 1 =	QAR 3.6400	QAR 3.6400	QAR 3.6400	QAR 3.6400
		V, M	EUR 1 =	QAR 4.0748	QAR 4.0892	QAR 4.0229	QAR 3.9956
<b>Romania</b>							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 4.2393	RON 4.2608	RON 4.3309	RON 4.3601
		M	EUR 1 =	RON 4.7509	RON 4.7793	RON 4.7779	RON 4.8127
<b>Russian Federation</b>							
Moscow 075	Russian rouble = 100 kopecks RUB	M	USD 1 =	RUB 64.6375	RUB 61.9057	RUB 63.0359	RUB 66.9909
		M	EUR 1 =	RUB 72.0631	RUB 69.3406	RUB 69.4151	RUB 73.7235

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 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Rwanda</b>							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 891.345390	RWF 913.384515	RWF 916.915883	RWF 920.001638
		S	USD 1 =	RWF 909.170498	RWF 931.650361	RWF 935.252349	RWF 938.399812
	RWF	B	EUR 1 =	RWF 998.412161	RWF 1,022.862783	RWF 1,010.620000	RWF 1,012.599803
		S	EUR 1 =	RWF 1,018.378388	RWF 1,043.317973	RWF 1,030.830000	RWF 1,032.849753
<b>Saint Helena, Ascension and Tristan da Cunha</b>							
Jamestown 329	Saint Helena pound 2 = 100 pence  SHP	V	USD 1 =	SHP 0.78407	SHP 0.75734	SHP 0.76163	SHP 0.77722
		V	EUR 1 =	SHP 0.87777	SHP 0.85080	SHP 0.84175	SHP 0.85315
<b>Saint Kitts and Nevis</b>							
Basseterre 449	East Caribbean dollar = 100 cents	3 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		3 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.0094	XCD 3.0199	XCD 2.9710	XCD 2.9508
		V, S	EUR 1 =	XCD 3.0416	XCD 3.0522	XCD 3.0027	XCD 2.9823
<b>Saint Lucia</b>							
Castries 465	East Caribbean dollar = 100 cents	3 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		3 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.0094	XCD 3.0199	XCD 2.9710	XCD 2.9508
		V, S	EUR 1 =	XCD 3.0416	XCD 3.0522	XCD 3.0027	XCD 2.9823
<b>Saint Vincent and the Grenadines</b>							
Kingstown 467	East Caribbean dollar = 100 cents	3 B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		3 S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 3.0094	XCD 3.0199	XCD 2.9710	XCD 2.9508
		V, S	EUR 1 =	XCD 3.0416	XCD 3.0522	XCD 3.0027	XCD 2.9823
<b>Samoa</b>							
Apia 819	Tala = 100 sene  WST	M	WST 1 =	USD 0.37749	USD 0.37979	USD 0.37294	USD 0.36855
		M	WST 1 =	EUR 0.33756	EUR 0.33989	EUR 0.33792	EUR 0.33567
<b>Sao Tome and Principe</b>							
São Tomé 311	Dobra = 100 cêntimos	B	USD 1 =	STN 21.9193	STN 21.8965	STN 22.2142	STN 22.3459
		S	USD 1 =	STN 22.2481	STN 22.2250	STN 22.5474	STN 22.6810
	STN	4	EUR 1 =	STN 24.5000	STN 24.5000	STN 24.5000	STN 24.5000
<b>Saudi Arabia</b>							
Riyadh 632	Saudi riyal = 100 halalah  SAR	3 M	USD 1 =	SAR 3.75	SAR 3.75	SAR 3.75	SAR 3.75
		M	EUR 1 =	SAR 4.1937	SAR 4.2013	SAR 4.1244	SAR 4.1198

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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Senegal <sup>1</sup></b>							
Dakar 248	CFA franc	V	USD 1 =	XOF 585.937	XOF 583.903	XOF 593.519	XOF 597.574
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Serbia</b>							
Belgrade 098	Serbian dinar = 100 para	B	USD 1 =	RSD 104.8908	RSD 104.6038	RSD 106.3476	RSD 106.4469
		S	USD 1 =	RSD 105.5220	RSD 105.2334	RSD 106.9876	RSD 107.0875
	RSD	B	EUR 1 =	RSD 117.4979	RSD 117.2400	RSD 117.2270	RSD 117.1874
		S	EUR 1 =	RSD 118.2050	RSD 117.9456	RSD 117.9324	RSD 117.8926
<b>Seychelles</b>							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 13.8783	SCR 13.9938	SCR 13.9470	SCR 13.9093
		S	USD 1 =	SCR 14.1605	SCR 14.1513	SCR 14.1009	SCR 14.1908
	SCR	B	EUR 1 =	SCR 15.5377	SCR 15.5040	SCR 15.2286	SCR 15.3981
		S	EUR 1 =	SCR 15.8662	SCR 15.9646	SCR 15.6695	SCR 15.6257
<b>Sierra Leone</b>							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 8,966.53	SLL 9,619.54	SLL 9,640.10	SLL 9,655.52
		S	USD 1 =	SLL 9,147.67	SLL 9,813.88	SLL 9,834.85	SLL 9,850.58
	SLL	B	EUR 1 =	SLL 10,031.56	SLL 10,752.51	SLL 10,612.37	SLL 10,631.48
		S	EUR 1 =	SLL 10,231.12	SLL 10,967.37	SLL 10,823.87	SLL 10,841.36
<b>Singapore <sup>1</sup></b>							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.3632	SGD 1.3472	SGD 1.3619	SGD 1.3977
		M	EUR 1 =	SGD 1.5255	SGD 1.5094	SGD 1.5014	SGD 1.5357
<b>Sint Maarten (southern part)</b>							
Philipsburg 479	Netherlands Antillean guilder = 100 cents	<sup>3</sup> B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		<sup>3</sup> S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 199.40	ANG 199.82	ANG 196.47	ANG 196.24
		S	EUR 100 =	ANG 203.42	ANG 203.84	ANG 200.43	ANG 200.19
<b>Slovakia</b>							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>Slovenia</b>							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>Solomon Islands</b>							
Honiara 806	Solomon Islands dollar = 100 cents SBD	M	SBD 1 =	USD 0.1223	USD 0.1220	USD 0.1217	USD 0.1214
		M	SBD 1 =	EUR 0.10934	EUR 0.10890	EUR 0.11030	EUR 0.11070

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 53. <sup>1</sup> See Explanatory notes on individual countries, pp. 57 ff. <sup>2</sup> Value against the euro. <sup>3</sup> Value against the US dollar.

#### IV. Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Somalia <sup>1</sup></b>							
Mogadishu 342	Somali shilling	M	USD 1 =	.	.	.	.
	SOS	M	EUR 1 =	.	.	.	.
<b>South Africa</b>							
Pretoria Seat of parliament: Cape Town 388	South African rand = 100 cents	B	USD 1 =	ZAR 14.2613	ZAR 13.8315	ZAR 14.7290	ZAR 15.4040
		S	USD 1 =	ZAR 14.5788	ZAR 14.1490	ZAR 15.0465	ZAR 15.7215
	ZAR	B	EUR 1 =	ZAR 15.9161	ZAR 15.5135	ZAR 16.2492	ZAR 16.8939
		S	EUR 1 =	ZAR 16.3500	ZAR 15.9466	ZAR 16.6777	ZAR 17.3266
<b>South Sudan</b>							
Juba 225	South Sudanese pound = 100 piastres	M	USD 1 =	SSP 158.2581	SSP 160.4151	SSP 161.0581 <sup>2</sup>	SSP .
		M	EUR 1 =	SSP 176.9669	SSP 179.5253	SSP 178.4283 <sup>2</sup>	SSP .
SSP							
<b>Spain</b>							
Madrid 011	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1195	USD 1.1234	USD 1.1052	USD 1.0977
<b>Sri Lanka</b>							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 176.7092	LKR 179.5443	LKR 179.6369	LKR 179.9662
		S	USD 1 =	LKR 180.4863	LKR 183.2142	LKR 183.3068	LKR 183.6374
	LKR	B	EUR 1 =	LKR 196.6569	LKR 199.7985	LKR 196.7115	LKR 196.3633
		S	EUR 1 =	LKR 203.5266	LKR 206.6089	LKR 203.4507	LKR 203.0768
<b>Sudan</b>							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 45.6250	SDG 45.0000	SDG 48.8000	SDG 54.5000
		S	USD 1 =	SDG 45.8531	SDG 45.2250	SDG 49.0440	SDG 54.7725
	SDG	B	EUR 1 =	SDG 51.0877	SDG 50.4095	SDG 53.7434	SDG 59.4508
		S	EUR 1 =	SDG 51.3431	SDG 50.6615	SDG 54.0122	SDG 59.7480
<b>Suriname</b>							
Paramaribo 492	Suriname dollar = 100 cents	B	USD 1 =	SRD 7.396	SRD 7.396	SRD 7.396	SRD 7.396
		S	USD 1 =	SRD 7.520	SRD 7.520	SRD 7.520	SRD 7.520
	SRD	B	EUR 1 =	SRD 8.266	SRD 8.275	SRD 8.157	SRD 8.109
		S	EUR 1 =	SRD 8.399	SRD 8.414	SRD 8.294	SRD 8.245
<b>Sweden</b>							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 9.4073	SEK 9.2646	SEK 9.6080	SEK 9.6224
		S	USD 1 =	SEK 9.5123	SEK 9.3696	SEK 9.7130	SEK 9.7274
	SEK	B	EUR 1 =	SEK 10.5298	SEK 10.3761	SEK 10.5954	SEK 10.6046
		S	EUR 1 =	SEK 10.6448	SEK 10.4911	SEK 10.7104	SEK 10.7196

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 53. <sup>1</sup> See Explanatory notes on individual countries, pp. 57 ff. <sup>2</sup> Exchange rate as of 23 January 2020.

#### IV. Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Switzerland</b>							
Berne 039	Swiss franc = 100 rappen/centimes CHF	B	USD 1 =	CHF 0.9937	CHF 0.9683	CHF 0.9703	CHF 0.9637
		B	EUR 1 =	CHF 1.1110	CHF 1.0858	CHF 1.0699	CHF 1.0644
<b>Syrian Arab Republic</b>							
Damascus 608	Syrian pound = 100 piastres SYP	B	USD 1 =	SYP 434.50	SYP 435.00	SYP 435.00	SYP 435.00
		S	USD 1 =	SYP 438.17	SYP 438.00	SYP 438.00	SYP 438.00
		B	EUR 1 =	SYP 486.83	SYP 487.31	SYP 478.83	SYP 474.29
		S	EUR 1 =	SYP 490.98	SYP 490.73	SYP 482.20	SYP 477.62
<b>Tajikistan</b>							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 9.5330	TJS 9.6872	TJS 9.6924	TJS 9.6800
		M	EUR 1 =	TJS 10.6743	TJS 10.8448	TJS 10.6878	TJS 10.6480
<b>Tanzania, United Republic of</b>							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 2,277.1609	TZS 2,276.5446	TZS 2,277.1881	TZS 2,277.9901
		S	USD 1 =	TZS 2,299.9325	TZS 2,299.3100	TZS 2,299.9600	TZS 2,300.7700
		B	EUR 1 =	TZS 2,545.4570	TZS 2,546.7704	TZS 2,509.4613	TZS 2,501.2331
		S	EUR 1 =	TZS 2,571.5823	TZS 2,573.1578	TZS 2,535.4759	TZS 2,526.4755
<b>Thailand</b>							
Bangkok 680	Thai baht = 100 satang THB	B	USD 1 =	THB 30.8348	THB 29.9767	THB 30.9654	THB 31.4646
		S	USD 1 =	THB 31.1759	THB 30.3313	THB 31.2959	THB 31.7804
		B	EUR 1 =	THB 34.2893	THB 33.3775	THB 33.9524	THB 34.4033
		S	EUR 1 =	THB 34.9954	THB 34.0846	THB 34.6652	THB 35.1003
<b>Togo <sup>1</sup></b>							
Lomé 280	CFA franc XOF	V	USD 1 =	XOF 585.937	XOF 583.903	XOF 593.519	XOF 597.574
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Tonga</b>							
Nuku'alofa 817	Pa'anga = 100 seniti TOP	M	TOP 1 =	USD 0.4368	USD 0.4378	USD 0.4319	USD 0.4315
		M	TOP 1 =	EUR 0.3896	EUR 0.3906	EUR 0.3904	EUR 0.3916
<b>Trinidad and Tobago</b>							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.7302	TTD 6.7255	TTD 6.6805	TTD 6.7349
		S	USD 1 =	TTD 6.7710	TTD 6.7992	TTD 6.7959	TTD 6.7990
		B	EUR 1 =	TTD 7.5084	TTD 7.5437	TTD 7.4736	TTD 7.3629
		S	EUR 1 =	TTD 8.0404	TTD 7.9917	TTD 7.9723	TTD 7.8576

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 53. <sup>1</sup> See Explanatory notes on individual countries, pp. 57 ff. <sup>2</sup> Value against the euro.



#### IV. Overview of world currencies \*

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

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Tunisia</b>							
Tunis 212	Tunisian dinar = 1,000 millimes	B S	USD 1 =	TND 2.9209	TND 2.7968	TND 2.8213	TND 2.8685
			USD 1 =	TND 2.9238	TND 2.7995	TND 2.8242	TND 2.8713
	TND	B S	EUR 1 =	TND 3.2721	TND 3.1411	TND 3.1191	TND 3.1515
			EUR 1 =	TND 3.2754	TND 3.1443	TND 3.1223	TND 3.1546
<b>Turkey</b>							
Ankara 052	Turkish lira = 100 kuruş	B S	USD 1 =	TRY 5.6666	TRY 5.9402	TRY 5.9716	TRY 6.1593
			USD 1 =	TRY 5.6768	TRY 5.9509	TRY 5.9824	TRY 6.1704
	TRY	B S	EUR 1 =	TRY 6.3544	TRY 6.6506	TRY 6.5782	TRY 6.7344
			EUR 1 =	TRY 6.3659	TRY 6.6625	TRY 6.5901	TRY 6.7465
<b>Turkmenistan <sup>1</sup></b>							
Ashgabat 080	Turkmen manat = 100 tenge	2	USD 1 =	TMT 3.50	TMT 3.50	TMT 3.50	TMT 3.50
		M	EUR 1 =	TMT 3.9183	TMT 3.9113	TMT 3.8560	TMT 3.8661
<b>Uganda</b>							
Kampala 350	Uganda shilling	B S	USD 1 =	UGX 3,697.34	UGX 3,660.21	UGX 3,674.83	UGX 3,706.67
			USD 1 =	UGX 3,707.34	UGX 3,670.21	UGX 3,684.83	UGX 3,716.67
	UGX	B S	EUR 1 =	UGX 4,132.84	UGX 4,086.42403	UGX 4,041.38348	UGX 4,027.67576
			EUR 1 =	UGX 4,144.01	UGX 4,097.58848	UGX 4,052.38095	UGX 4,038.54178
<b>Ukraine</b>							
Kyiv 072	Hryvnia = 100 kopyok	M	USD 1 =	UAH 25.8236	UAH 23.2929	UAH 24.9196	UAH 24.5610
		M	EUR 1 =	UAH 28.9192	UAH 25.8085	UAH 27.4751	UAH 26.9299
<b>United Arab Emirates <sup>1</sup></b>							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils	2	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
		V, M	EUR 1 =	AED 4.1112	AED 4.1257	AED 4.0588	AED 4.0313
<b>United Kingdom <sup>1</sup></b>							
London 006	Pound sterling = 100 pence	M	GBP 1 =	USD 1.2766	USD 1.3210	USD 1.3179	USD 1.2776
		M	EUR 1 =	GBP 0.8743	GBP 0.8500	GBP 0.8406	GBP 0.8598
<b>United States</b>							
Washington 400	US dollar = 100 cents	M	EUR 1 =	USD 1.11753	USD 1.1197	USD 1.1093	USD 1.1025
		M	GBP 1 =	USD 1.27613	USD 1.3113	USD 1.3199	USD 1.2820

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p. 53. <sup>1</sup> See Explanatory notes on individual countries, pp. 57 ff. <sup>2</sup> Value against the US dollar.

#### IV. Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2019	Rate at end of month		
					December 2019	January 2020	February 2020
<b>Uruguay</b>							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 35.277	UYU 37.336	UYU 37.531	UYU 39.152
		M	EUR 1 =	UYU 39.4599	UYU 41.8294	UYU 41.5881	UYU 43.0848
<b>Uzbekistan</b>							
Tashkent 081	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 8,853.99	UZS 9,507.56	UZS 9,563.33	UZS 9,526.28
		M	EUR 1 =	UZS 9,907.42	UZS 10,624.70	UZS 10,541.66	UZS 10,329.35
<b>Vanuatu</b>							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 112.90	VUV 112.66	VUV 114.76	VUV 116.78
		S	USD 1 =	VUV 120.29	VUV 120.14	VUV 122.36	VUV 124.50
		B	EUR 1 =	VUV 127.17	VUV 126.08	VUV 127.72	VUV 129.58
		S	EUR 1 =	VUV 132.41	VUV 131.30	VUV 132.99	VUV 134.91
<b>Venezuela, Bolivarian Republic of <sup>1</sup></b>							
Caracas 484	Bolívar Soberano = 100 céntimos VES	B	USD 1 =	VES 15,870.422	VES 46,504.279	VES 73,841.546	VES 73,907.343
		S	USD 1 =	VES 15,910.197	VES 46,620.831	VES 74,026.613	VES 74,092.575
		B	EUR 1 =	VES 17,630.658	VES 52,099.208	VES 81,467.524	VES 80,898.730
		S	EUR 1 =	VES 17,676.400	VES 52,230.715	VES 81,876.394	VES 81,304.746
<b>Viet Nam</b>							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 23,173	VND 23,110	VND 23,165	VND 23,170
		S	USD 1 =	VND 23,286	VND 23,230	VND 23,305	VND 23,310
		B	EUR 1 =	VND 25,841.32	VND 25,805.63	VND 25,345.77	VND 25,357.26
		S	EUR 1 =	VND 26,611.82	VND 26,606.29	VND 26,238.80	VND 26,250.70
<b>Yemen</b>							
Sana'a 653	Yemeni rial = 100 fils YER	B	USD 1 =	YER 250.00	YER 250.00	YER 250.00	YER 250.00
		S	USD 1 =	YER 250.50	YER 250.50	YER 250.50	YER 250.50
		B	EUR 1 =	YER 279.90	YER 280.15	YER 275.34	YER 272.69
		S	EUR 1 =	YER 280.46	YER 280.71	YER 275.89	YER 273.23
<b>Zambia</b>							
Lusaka 378	Kwacha = 100 ngwee ZMW	B	USD 1 =	ZMW 12.9734	ZMW 14.0283	ZMW 14.7569	ZMW 15.0279
		S	USD 1 =	ZMW 13.0234	ZMW 14.0783	ZMW 14.8108	ZMW 15.0777
		B	EUR 1 =	ZMW 14.5150	ZMW 15.7510	ZMW 16.2990	ZMW 16.5202
		S	EUR 1 =	ZMW 14.5761	ZMW 15.8128	ZMW 16.3615	ZMW 16.5810
<b>Zimbabwe</b>							
Harare 382	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =	ZWL 9.49651 <sup>2</sup>	ZWL 16.77340	ZWL 17.35310	ZWL 17.95940
		M	EUR 1 =	ZWL 10.511682 <sup>2</sup>	ZWL 18.79705	ZWL 19.13085	ZWL 19.74990



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

### 1. End-of-year and end-of-month rates

SDR 1 = CU ...

Period	US dollar USD	Euro EUR	Chinese yuan renminbi CNY	Japanese yen JPY	Pound sterling GBP	Canadian dollar CAD	Swiss franc CHF	Danish krone DKK	Norwegian krone NOK	Swedish krona SEK
1999	1.37251	1.36467	11.3508	140.111	0.848150	1.98094	2.19297	10.1549	11.0218	11.6873
2000	1.30291	1.40022	10.7847	149.704	0.873149	1.95462	2.13221	10.4500	11.5288	12.4232
2001	1.25673	1.42474	10.3925	165.491	0.866469	2.00147	2.10605	10.5685	11.3251	13.3943
2002	1.35952	1.29639	11.2123	162.414	0.843483	2.14750	1.88539	9.62844	9.47006	11.9542
2003	1.48597	1.17654	12.2989	158.575	0.832619	1.92047	1.83800	8.82099	9.91886	10.7715
2004	1.55301	1.14016	12.8107	161.161	0.804085	1.86920	1.75738	8.46296	9.37796	10.2351
2005	1.42927	1.21155	11.5345	168.610	0.830055	1.66418	1.87848	9.03881	9.67427	11.3363
2006	1.50440	1.14229	11.7474	178.948	0.766377	1.75308	1.83582	8.51702	9.41017	10.3390
2007	1.58025	1.07346	11.5302	179.947	0.788780	1.56144	1.77857	8.02021	8.55074	10.2088
2008	1.54027	1.10675	10.5271	140.464	1.056570	1.86621	1.63839	8.18003	10.7802	12.0833
2009	1.56769	1.08822	10.7045	143.797	0.968007	1.64075	1.61551	8.10688	9.05608	11.3070
2010	1.54003	1.15966	10.1995	125.436	0.997755	1.54142	1.44702	8.64469	9.06742	10.4761
2011	1.53527	1.18654	9.67352	119.321	0.992989	1.56254	1.44453	8.82099	9.20039	10.6293
2012	1.53692	1.16583	9.66660	133.020	0.953662	1.52954	1.40874	8.69762	8.55432	10.0140
2013	1.54000	1.11732	9.39770	162.162	0.935148	1.63856	1.37291	8.33556	9.41398	10.0229
2014	1.44881	1.19332	8.86525	174.733	0.928247	1.68076	1.43301	8.86611	10.7693	11.3176
2015	1.38573	1.27283	8.99548	167.116	0.935104	1.91785	1.37478	9.47221	12.2069	11.5742
2016	1.34433	1.27534	9.34283	157.018	1.09278	1.80503	1.36826	9.48128	11.5881	12.2295
2017	1.42413	1.18747	9.27343	160.785	1.05402	1.78837	1.38967	8.84056	11.6850	11.7238
2018	1.39079	1.21424	9.53107	154.141	1.09550	1.89153	1.36451	9.06709	12.1106	12.4768
2019	1.38283	1.23588	9.66184	150.894	1.05386	1.80583	1.34362	9.23156	12.1685	12.8879
2016 Jan.	1.38050	1.26419	9.07853	167.040	0.965111	1.94374	1.40783	9.43450	11.9902	11.7571
Feb.	1.38131	1.26866	9.04429	156.641	0.997049	1.86795	1.38394	9.46450	12.0578	11.7931
Mar.	1.40882	1.23744	9.11129	158.675	0.978139	1.82738	1.35529	9.22041	11.6498	11.4779
Apr.	1.41733	1.24294	9.19084	158.372	0.969847	1.77861	1.36390	9.25249	11.4537	11.3943
May	1.40288	1.25774	9.23753	155.846	0.959693	1.83777	1.38913	9.35454	11.7220	11.6901
June	1.39884	1.25999	9.29463	143.941	1.03710	1.81976	1.36527	9.37348	11.7190	11.8640
July	1.39338	1.25383	9.27042	144.912	1.05743	1.81711	1.35799	9.32523	11.9229	12.0072
Aug.	1.39434	1.25255	9.31255	143.561	1.06131	1.82993	1.37245	9.32297	11.6193	11.9107
Sep.	1.39581	1.25062	9.31064	141.089	1.07693	1.83089	1.35980	9.31871	11.2387	12.0301
Oct.	1.37385	1.25511	9.30085	143.979	1.12879	1.84137	1.35874	9.33724	11.3393	12.3613
Nov.	1.35376	1.27293	9.32175	152.149	1.08718	1.81756	1.37312	9.47104	11.4806	12.4014
Dec.	1.34433	1.27534	9.34283	157.018	1.09278	1.80503	1.36826	9.48128	11.5881	12.2295
2017 Jan.	1.35883	1.26344	9.34798	154.363	1.09042	1.77055	1.34918	9.39655	11.2295	11.9779
Feb.	1.35389	1.27762	9.30016	152.381	1.08834	1.79364	1.36080	9.49677	11.3315	12.2395
Mar.	1.35685	1.26915	9.35008	152.035	1.08962	1.80596	1.35820	9.43984	11.6359	12.1213
Apr.	1.37102	1.25437	9.45689	152.526	1.05940	1.87309	1.35759	9.33036	11.6961	12.1179
May	1.38432	1.23369	9.45340	153.590	1.07826	1.86883	1.34417	9.17835	11.6445	12.0657
June	1.39139	1.21923	9.43637	155.752	1.07207	1.80560	1.33406	9.06701	11.6696	11.7837
July	1.40775	1.20043	9.46925	155.627	1.07265	1.75757	1.36692	8.92698	11.1701	11.4494
Aug.	1.41339	1.19526	9.32227	156.179	1.09769	1.77182	1.36463	8.89079	11.0907	11.2683
Sep.	1.41330	1.19710	9.39576	159.222	1.05596	1.76379	1.37005	8.90916	11.2676	11.4598
Oct.	1.40469	1.20698	9.31099	158.940	1.06263	1.81106	1.40216	8.98142	11.4951	11.7369
Nov.	1.41542	1.19455	9.35209	158.527	1.05279	1.82419	1.39631	8.88936	11.7541	11.8326
Dec.	1.42413	1.18747	9.27343	160.785	1.05402	1.78837	1.38967	8.84056	11.6850	11.7238
2018 Jan.	1.45712	1.16972	9.17406	158.593	1.02897	1.79124	1.35950	8.70496	11.1849	11.4288
Feb.	1.44589	1.18379	9.15466	155.173	1.04457	1.85204	1.36405	8.81516	11.3826	11.9372
Mar.	1.45386	1.17983	9.12359	154.386	1.03379	1.87436	1.39087	8.76017	11.3360	12.1521
Apr.	1.43806	1.19055	9.11835	157.195	1.04777	1.84590	1.42282	8.86965	11.5031	12.4786
May	1.41665	1.21092	9.06939	153.933	1.06307	1.83428	1.39710	9.01356	11.5491	12.4505
June	1.40657	1.20653	9.31828	155.356	1.07049	1.85217	1.39764	8.99167	11.4759	12.6027
July	1.40487	1.19706	9.59647	155.898	1.06728	1.82872	1.38822	8.91798	11.4126	12.2955
Aug.	1.40139	1.20280	9.57341	155.554	1.07754	1.82016	1.35409	8.96789	11.6851	12.7588
Sep.	1.39525	1.20530	9.60126	158.319	1.06990	1.82898	1.36232	8.98723	11.4099	12.3582
Oct.	1.38213	1.22118	9.63577	156.512	1.08198	1.81639	1.38945	9.11170	11.6657	12.6669
Nov.	1.38323	1.21773	9.60412	156.899	1.08446	1.83983	1.38053	9.08694	11.8607	12.5719
Dec.	1.39079	1.21424	9.53107	154.141	1.09550	1.89153	1.36451	9.06709	12.1106	12.4768
2019 Jan.	1.40070	1.21927	9.39364	152.564	1.06683	1.84108	1.39089	9.10274	11.7810	12.6277
Feb.	1.39798	1.22458	9.35008	155.021	1.05087	1.84099	1.38854	9.13676	11.9112	12.9179
Mar.	1.38825	1.23565	9.33053	153.985	1.05929	1.85512	1.38256	9.22441	11.9351	12.8859
Apr.	1.38576	1.23530	9.34152	154.789	1.06511	1.86011	1.41237	9.22101	11.9426	13.1801
May	1.37762	1.23542	9.51040	150.615	1.09504	1.86351	1.38444	9.22739	12.0966	13.1570
June	1.39021	1.22163	9.54627	149.698	1.09573	1.81937	1.35532	9.11768	11.8422	12.8891
July	1.37542	1.23345	9.46755	149.315	1.13063	1.80840	1.36159	9.21065	12.0604	13.1541
Aug.	1.36834	1.23989	9.77011	145.632	1.12362	1.82130	1.35363	9.24488	12.4460	13.3967
Sep.	1.36331	1.25200	9.71931	147.169	1.10829	1.80543	1.35697	9.34763	12.3889	13.3668
Oct.	1.37939	1.23668	9.70789	150.119	1.06439	1.81528	1.36208	9.23898	12.6784	13.2827
Nov.	1.37290	1.24707	9.65027	149.797	1.06509	1.82294	1.36981	9.31706	12.5979	13.1661
Dec.	1.38283	1.23588	9.66184	150.894	1.05386	1.80583	1.34362	9.23156	12.1685	12.8879
2020 Jan.	1.37695	1.24588	9.56160	150.129	1.04899	1.82212	1.33378	9.31064	12.6947	13.3020
Feb.	1.37328	1.25105	9.61381	150.237	1.06605	1.84418	1.32679	9.34824	12.9970	13.2864

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

2. Daily rates

SDR 1 = CU ...

Period	US dollar USD	Euro EUR	Chinese yuan renminbi CNY	Japanese yen JPY	Pound sterling GBP	Canadian dollar CAD	Swiss franc CHF	Danish krone DKK	Norwegian krone NOK	Swedish krona SEK	
2019 Dec.	2	1.37231	1.24495	9.66398	150.488	1.06233	1.82477	1.36936	9.30129	12.6180	13.1333
	3	1.37584	1.24274	9.69528	150.145	1.05895	1.83014	1.36022	9.28565	12.6347	13.0827
	4	1.37662	1.24232	9.73558	149.432	1.05391	1.82030	1.36106	9.28195	12.6372	13.1353
	5	1.37811	1.24221	9.70544	150.021	1.04919	1.81552	1.36226	9.28126	12.6225	13.0871
	6	1.37868	1.24273	9.69368	149.973	1.05003	1.82745	1.36290	9.28600	12.5808	13.0768
	9	1.37824	1.24446	9.70036	149.650	1.04658	1.82411	1.36460	9.29904	12.5987	13.1008
	10	1.37856	1.24453	9.70036	149.767	1.04623	1.82425	1.35892	9.30051	12.6722	13.1420
	11	1.37809	1.24432	9.70120	149.854	1.04802	1.81922	1.35756	9.29852	12.6292	13.0647
	12	1.38045	1.23951	9.70648	149.889	1.04738	1.81970	1.35670	9.26303	12.5625	12.9549
	13	1.38409	1.23867	9.66800	151.558	1.03375	1.82465	1.36029	9.25669	12.4647	12.9379
	16	1.38247	1.24033	9.68045	151.228	1.03389	1.81684	1.35890	9.26904	12.4379	12.9613
	17	1.38166	1.23782	9.67408	151.347	1.04615	1.81826	1.35637	9.25035	12.4584	12.9863
	18	1.37948	1.24110	9.66202	150.971	1.04665	1.80975	1.35293	9.27343	12.4548	12.9696
	19	1.37938	1.24078	9.66604	151.152	1.05352	1.81002	1.35255	9.27154	12.3812	12.9726
	20	1.37768	1.24149	9.65661	150.704	1.05817	1.81358	1.35123	9.27644	12.3483	12.9561
	23	1.37658	1.24296	9.65316	150.626	1.06038	1.81158	1.34967	9.28729	12.3215	12.9764
	26	1.37761	.	9.64441	150.918	.	.	.	.	.	.
	27	1.38016	1.23748	9.66053	151.113	1.05525	1.80497	1.34717	9.24445	12.1988	12.9470
	30	1.38283	1.23588	9.66184	150.894	1.05386	1.80583	1.34362	9.23156	12.1685	12.8879
2020 Jan.	2	1.38403	1.23651	9.64255	.	1.04863	1.79813	.	9.23907	12.1682	12.9187
	3	1.38127	1.23914	9.63317	150.725	1.05788	1.79400	1.34488	9.26020	12.1827	12.9934
	6	1.38497	1.23724	9.66081	149.646	1.05281	1.79630	1.34217	9.24616	12.1854	.
	7	1.38432	1.23910	9.61455	150.116	1.05292	1.80086	1.34342	9.25986	12.2111	13.0268
	8	1.38152	1.24294	9.58690	148.956	1.05395	1.79957	1.34305	9.28850	12.2439	13.0412
	9	1.37937	1.24156	9.55694	150.655	1.05971	1.80408	1.34344	9.27833	12.2498	13.0404
	10	1.37938	1.24369	9.56224	151.097	1.05510	1.80023	1.34552	9.29428	12.2809	13.1051
	13	1.38003	1.24036	9.52163	.	1.06426	1.80066	1.34125	9.26947	12.2739	13.1199
	14	1.38062	1.24212	9.50299	151.979	1.06218	1.80337	1.33575	9.28247	12.2871	13.0793
	15	1.38146	1.23987	9.51339	151.864	1.06168	1.80280	1.33380	9.26518	12.2523	13.0892
	16	1.38235	1.23767	9.52127	151.962	1.05838	1.80328	1.33086	9.24907	12.2601	13.0703
	17	1.38061	1.24290	9.46835	152.144	1.05892	1.80336	1.33443	9.28807	12.2911	13.1016
	21	1.37970	1.24130	9.52798	151.767	1.05643	1.80286	1.33486	9.27558	12.3336	13.1538
	22	1.37907	1.24375	9.51819	151.533	1.05277	1.80879	1.33991	9.29437	12.3866	13.1430
	23	1.37960	1.24389	9.56160	151.315	1.05121	1.81321	1.33614	9.29593	12.3989	13.1167
	24	1.37705	1.24789	.	150.856	1.05211	1.80944	.	9.32549	12.4009	13.1274
	27	1.37624	1.24829	.	149.914	1.05193	1.81416	1.33392	9.32818	12.5282	13.1829
	28	1.37517	1.24959	.	149.866	1.05669	1.81234	1.33502	9.33794	12.5907	13.2512
	29	1.37503	1.24991	.	149.988	1.05650	1.81449	1.34072	9.34029	12.5695	13.2212
	30	1.37591	1.24754	.	149.905	1.05244	1.81854	1.33525	9.32279	12.6922	13.2744
	31	1.37695	1.24588	.	150.129	1.04899	1.82212	1.33378	9.31064	12.6947	13.3020
Feb.	3	1.37711	1.24446	9.66912	149.444	1.05482	1.82812	1.32857	9.29964	12.7668	13.2681
	4	1.37635	1.24579	9.62547	149.485	1.05763	1.82751	1.33306	9.30960	12.7005	13.2556
	5	1.37542	1.24777	9.62946	150.512	1.05307	1.82780	1.33636	9.32436	12.6242	13.1625
	6	1.37356	1.24835	9.57387	150.940	1.05960	1.82546	1.33867	9.32827	12.6443	13.1700
	7	1.37089	1.24979	9.57552	150.647	1.06020	1.82397	1.33902	9.33890	12.7069	13.2207
	10	1.37106	1.25199	9.57341	150.323	1.06103	1.82611	1.34062	9.35541	12.6687	13.2334
	11	1.36978	1.25657	9.55411	.	1.05971	1.82072	1.33944	9.38914	12.6854	13.2379
	12	1.37027	1.25552	9.55493	150.524	1.05548	1.81616	1.33581	9.38104	12.6110	13.1819
	13	1.36808	1.25893	9.55128	150.325	1.05371	1.81353	1.33887	9.40690	12.6416	13.1924
	14	1.36751	1.26131	9.54973	150.221	1.04943	1.81182	1.34228	9.42365	12.6457	13.2412
	18	1.36690	1.26378	9.57103	150.018	1.04820	1.81224	1.34080	9.44064	12.7494	13.3172
	19	1.36457	1.26349	9.54226	150.171	1.05072	1.80546	1.34294	9.43735	12.6573	13.3647
	20	1.36162	1.26193	9.54526	151.412	1.05782	1.80470	1.33813	9.42418	12.6767	13.3586
	21	1.36241	1.26137	9.58993	152.658	1.05238	1.80165	1.33761	9.42267	12.7238	13.3629
	24	1.36324	1.26016	9.58837	.	1.05645	1.81025	1.33632	9.41336	12.7689	13.3313
	25	1.36548	1.25967	9.57781	151.459	1.05317	1.81350	1.33517	9.40982	12.7983	13.2766
	26	1.36712	1.25712	9.60034	150.807	1.05716	1.81923	1.33295	9.39196	12.8369	13.2867
	27	1.36966	1.24924	9.60523	151.088	1.06435	1.83001	1.32960	9.33498	12.8569	13.2518
	28	1.37328	1.25105	9.61381	150.237	1.06605	1.84418	1.32679	9.34824	12.9970	13.2864
Mar.	2	1.37895	1.23984	9.60071	148.472	1.07865	1.84173	1.31938	9.26535	12.8997	13.1235
	3	1.37832	1.23983	9.62010	149.300	1.07803	1.84185	1.32022	9.26518	12.8109	13.1041
	4	1.38136	1.24168	9.57717	148.289	1.07949	1.84992	.	9.27859	12.7956	.
	5	1.38392	1.23708	9.60347	148.509	1.07098	1.85653	1.31846	9.24249	12.8298	13.1178
	6	1.39246	1.22835	9.67651	147.935	1.07022	1.86882	1.30195	9.17549	12.8956	13.1078
	9	1.39976	1.22185	9.71147	142.915	1.06843	1.90339	1.29583	9.12667	13.3059	13.1500

Source: IMF, Washington. \* See Explanatory notes, pp. 53-54. 1 ISO currency code: XDR.

## VI. Global exchange rate arrangements and monetary policy framework\*

As of end-April 2018

Exchange rate arrangement	Monetary policy framework						
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework	Other <sup>1</sup>
	US dollar	Euro	Exchange rate anchor Composite	Other			
<b>No separate legal tender</b>	Ecuador El Salvador Marshall Islands Micronesia, Federated States of Palau Panama Timor-Leste	Kosovo Montenegro San Marino		Kiribati Nauru Tuvalu			
<b>Currency board</b>	Djibouti Hong Kong  <b>ECCU <sup>2</sup></b> Antigua and Barbuda Dominica Grenada Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines	Bosnia and Herzegovina Bulgaria		Brunei Darussalam			
<b>Conventional peg</b>	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 <sup>4</sup> Sao Tome and Principe  <b>WAEMU <sup>5</sup></b> Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo  <b>CAEMC <sup>6</sup></b> Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon	Fiji Kuwait Libya Morocco	Bhutan Eswatini Lesotho Namibia Nepal			Samoa <sup>3</sup> Solomon Islands <sup>3</sup>
<b>Stabilised arrangement</b>	Guyana Lebanon Maldives Trinidad and Tobago	Croatia North Macedonia	Singapore Viet Nam <sup>7</sup>		Angola <sup>7</sup> Bolivia, Plurinational State of <sup>7</sup> Ethiopia <sup>7</sup> Guinea <sup>7</sup> Malawi <sup>7</sup> Myanmar <sup>7</sup> Nigeria <sup>7</sup> Suriname <sup>7</sup> Tajikistan <sup>7,9</sup> Tanzania, United Republic of <sup>7</sup> Yemen <sup>7</sup>	Guatemala <sup>7</sup> Indonesia <sup>7</sup>	Azerbaijan <sup>7</sup> Egypt <sup>7</sup> Kenya <sup>7,8</sup> Pakistan <sup>7</sup> South Sudan <sup>7</sup> Uzbekistan <sup>7</sup>
<b>Crawling peg</b>	Honduras Nicaragua		Botswana				

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2018, Table 2, IMF, Washington. \* See Explanatory notes, pp. 54-55. <sup>1</sup> Includes countries that have no explicitly stated nominal anchor, but rather monitor various indicators in conducting monetary policy. <sup>2</sup> The members participate in the Eastern Caribbean

Currency Union. <sup>3</sup> The country maintains a de facto exchange rate anchor to a composite. <sup>4</sup> The member participates in ERM II. <sup>5</sup> The members participate in the West African Economic and Monetary Union. <sup>6</sup> The members participate in the Central African Economic and Monetary Community. <sup>7</sup> 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 <sup>1</sup>
	US dollar	Euro	Exchange rate anchor Composite	Other			
<b>Crawl-like arrangement</b>			Iran, Islamic Republic of <sup>7</sup>		Afghanistan <sup>7</sup> Bangladesh <sup>7</sup> Burundi <sup>7</sup> China <sup>3</sup> Rwanda <sup>7</sup>	Costa Rica <sup>7</sup> Dominican Republic <sup>7</sup> Serbia <sup>10</sup>	Haiti <sup>7</sup> Lao People's Democratic Republic <sup>7,11</sup> Mauritania <sup>7</sup> Papua New Guinea <sup>7</sup> Sri Lanka <sup>7,8</sup> Tunisia <sup>8,10</sup>
<b>Pegged exchange rate within horizontal bands</b>							Tonga <sup>3</sup>
<b>Other managed arrangement</b>	Cambodia Liberia Zimbabwe		Syrian Arab Republic		Algeria Belarus Congo, Democratic Republic of the Gambia Sierra Leone		Kyrgyzstan Sudan <sup>11</sup> Vanuatu Venezuela, Bolivarian Republic of
<b>Floating</b>					Argentina Madagascar Seychelles	Albania Armenia Brazil Colombia Czechia Georgia Ghana Hungary Iceland India Israel Jamaica <sup>9,11</sup> Kazakhstan Korea, Republic of Moldova, Republic of New Zealand Paraguay Peru Philippines Romania South Africa Thailand Turkey Uganda Ukraine Uruguay	Malaysia Mauritius Mongolia <sup>8</sup> Mozambique <sup>8</sup> Switzerland Zambia
<b>Free floating</b>						Australia Canada Chile Japan Mexico Norway Poland Russian Federation Sweden United Kingdom	Somalia <sup>12</sup> United States  <b>Euro area</b> 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. <sup>8</sup> The central bank has taken preliminary steps toward inflation targeting. <sup>9</sup> The exchange rate arrangement was reclassified twice during this reporting period. <sup>10</sup> The country maintains a de facto exchange rate anchor to the euro. <sup>11</sup> The exchange rate arrangement or monetary policy frame-

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

## VII. ISO currency codes \*

As of end-February 2020

ISO code	Currency	Country <sup>1</sup> or territory	ISO code	Currency	Country <sup>1</sup> or territory	ISO code	Currency	Country <sup>1</sup> or territory
AED	United Arab Emirates dirham	United Arab Emirates	CUC	Convertible peso	Cuba <sup>1</sup>	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
						KYD	Cayman Islands dollar	Cayman Islands
						KZT	Tenge	Kazakhstan
CAD	Canadian dollar	Canada	FJD	Fiji dollar	Fiji			
CDF	Congo franc	Congo, Democratic Republic of the	FKP	Falkland Islands pound	Falkland Islands (Islas Malvinas)			
CHF	Swiss franc	Switzerland Liechtenstein				LAK	Kip	Lao People's Democratic Republic
CLP	Chilean peso	Chile	GBP	Pound sterling	United Kingdom Guernsey Isle of Man Jersey	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. <sup>1</sup> 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 page 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](http://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](http://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 <sup>1</sup>											
	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
<b>EER-38 group</b>							100	100	100	100	100	100
<b>EER-19 group</b>	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
<b>Additional countries in the EER-38 group</b>												
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. <sup>1</sup> 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

In response to the spiralling financial and sovereign debt crisis, capital controls were imposed on 1 September 2019.

## Bangladesh

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

## Benin

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

## Bhutan

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

## Brunei Darussalam

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

## Burkina Faso

See Explanatory notes on Benin.

## Cameroon

Cameroon, the Central African Republic, Chad, Congo, Equatorial Guinea and Gabon all belong to the Central African Economic and Monetary Community (CEMAC

= Communauté Économique et Monétaire de l'Afrique Centrale). The responsible monetary authority is the Banque des Etats de l'Afrique Centrale, whose CFA franc (F.CFA = Franc de la Coopération Financière en Afrique Centrale) is legal tender only in the aforementioned countries.

## Central African Republic

See Explanatory notes on Cameroon.

## Chad

See Explanatory notes on Cameroon.

## Congo

See Explanatory notes on Cameroon.

## Cook Islands

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

## Côte d'Ivoire

See Explanatory notes on Benin.

## Cuba

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

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

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

The government foreign exchange bureaus (CADECA - casas de cambio) will pay CUP 24 per CUC or USD. Individuals wanting to purchase CUC must, as of that date, pay CUP 25 per CUC.

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

### **El Salvador**

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

### **Equatorial Guinea**

See Explanatory notes on Cameroon.

### **Eswatini**

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

### **Gabon**

See Explanatory notes on Cameroon.

### **Guinea-Bissau**

See Explanatory notes on Benin.

### **India**

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

### **Iran, Islamic Republic of**

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

Central bank rate

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

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

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

Bureau de change rate

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

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

### **Iraq**

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

### **Kenya**

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

### **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 from these official rates. According to financial information providers, the bureau de change rate has stood at approximately 360 naira to the US dollar since June 2017.

## **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.