

# Exchange rate statistics

## March 2017

Statistical Supplement 5  
to the Monthly Report

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The German-language version of the Statistical Supplement Exchange rate statistics is published quarterly in printed form. The Deutsche Bundesbank also publishes an updated monthly edition in German and in English on its website. In cases of doubt, the original German-language version is the sole authoritative text.

ISSN 2190-8990 (online edition)

Cut-off date: 9 March 2017.

The Statistical Supplement Exchange rate statistics is published by the Deutsche Bundesbank, Frankfurt am Main, by virtue of section 18 of the Bundesbank Act. It is available to interested parties free of charge.

Further statistical data, supplementing the Monthly Report, can be found in the following supplements.

Banking statistics	monthly
Capital market statistics	monthly
Balance of payments statistics	monthly
Seasonally adjusted business statistics	monthly

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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>EMU</b>	European Economic and Monetary Union
<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	Data unknown, not to be published or not meaningful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 member states and irrevocable euro conversion rates in the third stage of European 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 Eurosystem is that its currency must have observed the normal fluctuation margins of the 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 EMU on 1 January 2001. <sup>3</sup> Until 31 December 2010; accession to EMU on 1 January 2011. <sup>4</sup> Until 31 December 2014; accession to EMU on 1 January 2015. <sup>5</sup> Until 31 December 2006; accession to EMU on 1 January 2007. <sup>6</sup> Until 31 December 2007; accession to EMU on 1 January 2008. <sup>7</sup> Until 31 December 2013; accession to EMU on 1 January 2014. <sup>8</sup> Until 31 December 2008; accession to EMU on 1 January 2009.

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

### 1 Daily rates

EUR 1 = CU ...

		EU member countries						
		Bulgaria	Croatia	Czechia	Denmark	Hungary	Poland	Romania
Period		Bulgarian lev BGN	Kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON
2016 Dec	1	1.9558	7.5450	27.061	7.4401	313.96	4.4676	4.5042
	2	1.9558	7.5445	27.058	7.4398	313.93	4.4892	4.5095
	5	1.9558	7.5356	27.057	7.4396	313.97	4.5005	4.5010
	6	1.9558	7.5400	27.045	7.4384	313.49	4.4780	4.4975
	7	1.9558	7.5378	27.036	7.4378	312.98	4.4280	4.4980
	8	1.9558	7.5355	27.038	7.4390	314.29	4.4540	4.5020
	9	1.9558	7.5327	27.027	7.4369	314.45	4.4454	4.4994
	12	1.9558	7.5335	27.027	7.4371	314.02	4.4530	4.5073
	13	1.9558	7.5260	27.022	7.4370	314.31	4.4442	4.5045
	14	1.9558	7.5405	27.023	7.4359	314.89	4.4402	4.5153
	15	1.9558	7.5413	27.021	7.4350	313.17	4.4450	4.5223
	16	1.9558	7.5360	27.021	7.4340	312.45	4.4200	4.5165
	19	1.9558	7.5350	27.021	7.4343	311.79	4.4110	4.5179
	20	1.9558	7.5320	27.021	7.4343	310.98	4.4095	4.5213
	21	1.9558	7.5303	27.021	7.4342	310.28	4.4082	4.5194
	22	1.9558	7.5350	27.021	7.4342	310.22	4.4096	4.5266
	23	1.9558	7.5380	27.023	7.4342	309.68	4.4098	4.5318
	27	1.9558	7.5565	27.021	7.4352	309.13	4.4090	4.5313
	28	1.9558	7.5545	27.042	7.4351	309.03	4.4028	4.5415
	29	1.9558	7.5593	27.021	7.4338	310.09	4.4141	4.5375
	30	1.9558	7.5597	27.021	7.4344	309.83	4.4103	4.5390
2017 Jan	2	1.9558	7.5548	27.021	7.4349	309.45	4.4123	4.5390
	3	1.9558	7.5655	27.020	7.4341	308.94	4.3934	4.5228
	4	1.9558	7.5738	27.021	7.4343	308.35	4.3778	4.5086
	5	1.9558	7.5770	27.021	7.4341	308.28	4.3680	4.5065
	6	1.9558	7.5780	27.021	7.4343	307.24	4.3552	4.5013
	9	1.9558	7.5701	27.021	7.4339	308.21	4.3777	4.5016
	10	1.9558	7.5645	27.021	7.4339	308.70	4.3721	4.4958
	11	1.9558	7.5562	27.021	7.4338	309.45	4.3703	4.4960
	12	1.9558	7.5365	27.021	7.4342	307.15	4.3765	4.4913
	13	1.9558	7.5270	27.021	7.4350	307.50	4.3739	4.4922
	16	1.9558	7.5318	27.021	7.4361	307.38	4.3729	4.5023
	17	1.9558	7.5325	27.021	7.4364	307.79	4.3693	4.5010
	18	1.9558	7.5275	27.021	7.4361	307.92	4.3673	4.4928
	19	1.9558	7.5210	27.021	7.4360	308.40	4.3728	4.4928
	20	1.9558	7.5165	27.021	7.4359	309.09	4.3699	4.4940
	23	1.9558	7.5058	27.027	7.4362	309.82	4.3719	4.4978
	24	1.9558	7.5045	27.021	7.4361	310.27	4.3725	4.5015
	25	1.9558	7.4978	27.022	7.4366	309.72	4.3641	4.4986
	26	1.9558	7.4800	27.021	7.4367	310.98	4.3435	4.4943
	27	1.9558	7.4818	27.021	7.4369	311.63	4.3400	4.5058
	30	1.9558	7.4773	27.022	7.4375	310.80	4.3310	4.5008
	31	1.9558	7.4790	27.021	7.4373	310.64	4.3239	4.5030
Feb	1	1.9558	7.4645	27.021	7.4370	309.78	4.3186	4.5478
	2	1.9558	7.4495	27.022	7.4378	308.85	4.3071	4.5328
	3	1.9558	7.4331	27.021	7.4376	309.46	4.2972	4.5158
	6	1.9558	7.4490	27.021	7.4372	309.16	4.2767	4.5085
	7	1.9558	7.4480	27.021	7.4353	309.71	4.3035	4.4899
	8	1.9558	7.4573	27.021	7.4342	309.32	4.3118	4.4890
	9	1.9558	7.4695	27.021	7.4347	308.75	4.3096	4.4945
	10	1.9558	7.4595	27.021	7.4344	308.45	4.2953	4.5002
	13	1.9558	7.4485	27.021	7.4359	308.02	4.3137	4.5022
	14	1.9558	7.4537	27.021	7.4359	308.13	4.3012	4.5051
	15	1.9558	7.4568	27.021	7.4345	308.42	4.3015	4.5143
	16	1.9558	7.4495	27.021	7.4341	308.24	4.3176	4.5223
	17	1.9558	7.4410	27.021	7.4334	308.32	4.3305	4.5223
	20	1.9558	7.4485	27.021	7.4333	308.26	4.3246	4.5218
	21	1.9558	7.4520	27.021	7.4333	306.90	4.3064	4.5151
	22	1.9558	7.4480	27.021	7.4332	307.53	4.2987	4.5208
	23	1.9558	7.4320	27.021	7.4335	308.21	4.3080	4.5200
	24	1.9558	7.4275	27.021	7.4344	308.59	4.3107	4.5170
	27	1.9558	7.4280	27.021	7.4331	307.69	4.3148	4.5129
	28	1.9558	7.4365	27.021	7.4332	308.25	4.3148	4.5202
Mar	1	1.9558	7.4205	27.021	7.4333	307.95	4.2958	4.5207
	2	1.9558	7.4193	27.021	7.4336	308.33	4.2941	4.5220
	3	1.9558	7.4163	27.021	7.4337	309.68	4.3007	4.5328
	6	1.9558	7.4090	27.021	7.4337	309.55	4.3091	4.5290
	7	1.9558	7.4090	27.021	7.4340	309.52	4.3075	4.5384
	8	1.9558	7.4213	27.021	7.4335	310.70	4.3130	4.5503
	9	1.9558	7.4312	27.021	7.4337	311.14	4.3171	4.5499

\* See Explanatory notes, p 51.



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

		Other European and non-European countries							
Sweden	United Kingdom	Australia	Brazil	Canada	China	Hong Kong	India		
Swedish krona SEK	Pound sterling GBP	Australian dollar AUD	Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Hong Kong dollar HKD	Indian rupee INR	Period	
9.7935	0.84098	1.4378	3.6597	1.4240	7.3176	8.2422	72.6370	2016 Dec 1	
9.7983	0.84303	1.4333	3.6909	1.4157	7.3310	8.2534	72.6380	2	
9.8015	0.84168	1.4391	3.7044	1.4240	7.3662	8.2997	72.9495	5	
9.8030	0.84210	1.4395	3.6837	1.4242	7.3861	8.3250	72.7775	6	
9.7735	0.85095	1.4408	3.6457	1.4242	7.3836	8.3229	72.5830	7	
9.7228	0.84995	1.4406	3.6599	1.4222	7.4041	8.3475	72.5055	8	
9.6910	0.83935	1.4141	3.5815	1.3914	7.2931	8.1934	71.3410	9	
9.7445	0.83900	1.4174	3.5953	1.3918	7.3225	8.2211	71.4485	12	
9.7180	0.83488	1.4155	3.5325	1.3921	7.3233	8.2303	71.6590	13	
9.7553	0.83963	1.4177	3.5242	1.3961	7.3499	8.2561	71.8245	14	
9.7688	0.83598	1.4109	3.5298	1.3902	7.2262	8.0851	70.6425	15	
9.7890	0.83890	1.4239	3.5081	1.3960	7.2635	8.1032	70.7765	16	
9.7800	0.84140	1.4351	3.5191	1.3947	7.2467	8.0946	70.7225	19	
9.7265	0.83978	1.4320	3.4801	1.3896	7.2104	8.0494	70.5475	20	
9.6385	0.84240	1.4342	3.4729	1.3932	7.2369	8.0887	70.7380	21	
9.6008	0.84645	1.4470	3.4761	1.4066	7.2560	8.1083	71.0005	22	
9.6460	0.85278	1.4566	3.4146	1.4117	7.2555	8.1069	70.8275	23	
9.6588	0.85300	1.4532	3.4256	1.4136	7.2619	8.1043	71.0430	27	
9.5783	0.85128	1.4492	3.4026	1.4119	7.2384	8.0694	70.9685	28	
9.5585	0.85300	1.4505	3.4123	1.4154	7.2706	8.1076	71.0950	29	
9.5525	0.85618	1.4596	3.4305	1.4188	7.3202	8.1751	71.5935	30	
9.5438	0.85140	1.4574	3.4265	1.4070	7.2690	8.1180	71.3080	2017 Jan 2	
9.5348	0.84565	1.4387	3.3916	1.3962	7.2285	8.0554	71.0010	3	
9.5238	0.84945	1.4373	3.3784	1.3894	7.2382	8.0948	71.0390	4	
9.5341	0.85440	1.4401	3.3742	1.3966	7.2311	8.1431	71.3394	5	
9.5515	0.85648	1.4433	3.3905	1.4039	7.3253	8.2121	71.9945	6	
9.5533	0.86660	1.4357	3.3780	1.3954	7.2958	8.1562	71.6875	9	
9.5595	0.86940	1.4400	3.3743	1.3992	7.3176	8.1947	72.0855	10	
9.5695	0.86725	1.4241	3.3786	1.3919	7.2826	8.1452	71.8315	11	
9.5090	0.86843	1.4205	3.3718	1.3944	7.3621	8.2816	72.5955	12	
9.4875	0.87548	1.4225	3.4097	1.4010	7.3564	8.2672	72.6685	13	
9.4830	0.87808	1.4172	3.4130	1.3927	7.3107	8.2159	72.1670	16	
9.5033	0.86790	1.4162	3.4305	1.3953	7.3235	8.2860	72.6335	17	
9.5328	0.86833	1.4128	3.4367	1.3986	7.2931	8.2716	72.6365	18	
9.5478	0.86555	1.4113	3.4223	1.4169	7.3241	8.2762	72.6875	19	
9.5073	0.86595	1.4115	3.3977	1.4217	7.3125	8.2487	72.4825	20	
9.5113	0.86148	1.4157	3.3873	1.4266	7.3436	8.3124	73.0330	23	
9.4985	0.86350	1.4198	3.4000	1.4267	7.3721	8.3377	73.1890	24	
9.4833	0.85323	1.4213	3.4057	1.4070	7.3935	8.3343	73.1385	25	
9.4660	0.85143	1.4205	3.4093	1.4048	7.3634	8.3006	72.9570	26	
9.4528	0.85170	1.4169	3.3834	1.4012	7.3654	8.2873	72.7030	27	
9.4390	0.84935	1.4109	3.3318	1.3983	7.3103	8.2476	72.2315	30	
9.4505	0.86105	1.4198	3.3535	1.4056	7.3970	8.3436	72.8005	31	
9.4253	0.85418	1.4225	3.3918	1.4097	7.4270	8.3720	72.7540	Feb 1	
9.4183	0.86068	1.4060	3.3659	1.4050	7.4377	8.3863	72.6640	2	
9.4420	0.86013	1.4057	3.3641	1.4023	7.3776	8.3343	72.3095	3	
9.4605	0.85950	1.4006	3.3408	1.3987	7.3500	8.3105	71.9450	6	
9.4810	0.86330	1.4014	3.3378	1.4072	7.3487	8.2823	71.9730	7	
9.4523	0.85315	1.3960	3.3330	1.4020	7.3295	8.2745	71.6095	8	
9.4835	0.85090	1.3965	3.3329	1.4016	7.3413	8.2952	71.3600	9	
9.4873	0.85290	1.3905	3.3070	1.3965	7.3120	8.2473	71.1435	10	
9.4780	0.84890	1.3867	3.3159	1.3917	7.3062	8.2471	71.1880	13	
9.4653	0.85098	1.3813	3.2881	1.3842	7.2902	8.2422	70.9755	14	
9.4508	0.84998	1.3761	3.2505	1.3809	7.2521	8.1923	70.6005	15	
9.4748	0.85110	1.3808	3.2402	1.3865	7.3028	8.2675	71.3650	16	
9.4478	0.85720	1.3892	3.2928	1.3929	7.3134	8.2659	71.4615	17	
9.4785	0.85145	1.3835	3.2884	1.3918	7.3011	8.2392	71.0625	20	
9.4690	0.84860	1.3762	3.2623	1.3840	7.2545	8.1783	70.5300	21	
9.4700	0.84450	1.3689	3.2422	1.3844	7.2311	8.1585	70.4230	22	
9.4975	0.84628	1.3691	3.2412	1.3868	7.2693	8.2037	70.5465	23	
9.5188	0.84503	1.3816	3.2770	1.3907	7.2873	8.2341	70.6645	24	
9.5548	0.85280	1.3796	3.2916	1.3889	7.2756	8.2164	70.6120	27	
9.5675	0.85305	1.3807	3.2810	1.3984	7.2780	8.2252	70.6290	28	
9.5268	0.85550	1.3752	3.2768	1.4044	7.2472	8.1773	70.3960	Mar 1	
9.5195	0.85560	1.3840	3.2687	1.4069	7.2399	8.1622	70.2000	2	
9.5375	0.86355	1.3956	3.3080	1.4161	7.2872	8.2031	70.5920	3	
9.5335	0.86300	1.3937	3.2896	1.4183	7.3050	8.2235	70.5955	6	
9.5218	0.86710	1.3920	3.2974	1.4191	7.2976	8.2120	70.4700	7	
9.5223	0.86753	1.3968	3.3151	1.4193	7.2953	8.1982	70.4960	8	
9.5525	0.86653	1.4044	3.3436	1.4272	7.2912	8.1949	70.3995	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)								
		Indonesia	Israel	Japan	Korea, Republic of	Malaysia	Mexico	New Zealand	Norway	
		Indonesian rupiah IDR	New Israeli sheqel ILS	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Mexican peso MXN	New Zealand dollar NZD	Norwegian krone NOK	
2016 Dec	1	14,394.27	4.0736	121.39	1,241.64	4.7434	21.9342	1.5008	8.9628	
	2	14,388.31	4.0772	121.20	1,247.36	4.7384	22.1158	1.4990	8.9860	
	5	14,375.46	4.0954	122.32	1,254.48	4.7608	22.0853	1.5105	8.9840	
	6	14,364.78	4.0884	122.28	1,255.21	4.7611	21.8710	1.5059	8.9803	
	7	14,297.73	4.0809	122.42	1,247.57	4.7555	21.8094	1.5022	8.9908	
	8	14,298.93	4.0768	122.61	1,250.03	4.7590	21.8915	1.4973	9.0145	
	9	14,072.51	4.0400	121.48	1,237.00	4.6708	21.5825	1.4745	8.9805	
	12	14,121.82	4.0497	122.69	1,237.73	4.6750	21.4472	1.4793	8.9498	
	13	14,124.95	4.0420	122.27	1,237.88	4.7167	21.4788	1.4724	8.9495	
	14	14,143.75	4.0550	122.39	1,241.10	4.7303	21.5666	1.4741	9.0223	
	15	13,987.51	4.0062	123.03	1,235.83	4.6596	21.5200	1.4752	8.9993	
	16	13,977.82	4.0425	123.38	1,239.53	4.6715	21.2528	1.4892	9.0623	
	19	13,963.30	4.0309	122.19	1,238.96	4.6670	21.2881	1.5023	9.0485	
	20	13,959.27	4.0024	122.43	1,238.45	4.6426	21.1150	1.5029	9.0343	
	21	14,000.60	3.9925	122.31	1,243.87	4.6681	21.3048	1.5052	9.0260	
	22	14,070.92	3.9906	122.86	1,257.21	4.6768	21.6087	1.5111	9.0975	
	23	14,034.13	3.9950	122.60	1,257.59	4.6735	21.6150	1.5195	9.0928	
	27	14,046.52	4.0261	122.61	1,260.98	4.6785	21.5344	1.5168	9.1078	
	28	13,981.54	4.0075	122.39	1,261.97	4.6633	21.5700	1.5050	9.0777	
	29	14,072.35	4.0226	122.04	1,264.25	4.6876	21.6329	1.5040	9.0758	
	30	14,173.43	4.0477	123.40	1,269.36	4.7287	21.7719	1.5158	9.0863	
	2017 Jan	2	14,157.05	4.0322	122.92	1,263.85	4.6946	21.7063	1.5103	9.0543
		3	13,998.46	4.0155	122.75	1,253.43	4.6655	21.4935	1.5016	9.0013
		4	13,969.26	4.0252	122.64	1,251.90	4.6940	22.0709	1.5024	8.9905
		5	14,029.62	4.0476	122.38	1,250.78	4.7097	22.3446	1.5087	9.0215
		6	14,152.20	4.0618	122.83	1,261.36	4.7359	22.5290	1.5073	8.9868
		9	14,033.73	4.0480	122.66	1,266.33	4.7080	22.3940	1.5067	9.0193
		10	14,043.54	4.0624	122.84	1,269.08	4.7282	22.6397	1.5165	9.0750
		11	13,999.45	4.0482	122.14	1,260.59	4.6964	22.9635	1.5027	9.0633
		12	14,150.74	4.0804	121.69	1,255.40	4.7607	23.0700	1.4980	9.0625
13		14,212.71	4.0671	121.91	1,251.45	4.7569	23.0860	1.4952	9.0580	
16		14,160.47	4.0549	120.91	1,253.65	4.7313	22.8780	1.4916	9.0558	
17		14,240.74	4.0812	121.10	1,248.81	4.7677	23.0550	1.4877	9.0360	
18		14,228.44	4.0669	121.05	1,249.39	4.7500	23.1335	1.4838	9.0330	
19		14,266.32	4.0669	122.23	1,255.90	4.7462	23.4441	1.4857	9.0193	
20		14,257.51	4.0500	122.47	1,250.66	4.7285	23.3700	1.4891	8.9990	
23		14,319.05	4.0714	121.72	1,251.67	4.7553	22.9436	1.4893	8.9940	
24		14,318.83	4.0711	121.85	1,252.27	4.7667	22.8856	1.4852	8.9578	
25	14,319.89	4.0662	121.79	1,251.45	4.7608	23.0674	1.4789	8.9453		
26	14,315.67	4.0527	122.40	1,248.14	4.7390	22.4760	1.4793	8.9215		
27	14,276.89	4.0453	123.01	1,253.96	4.7333	22.5452	1.4726	8.9190		
30	14,173.38	4.0228	121.76	1,252.27	4.7094	22.0850	1.4668	8.8758		
31	14,363.56	4.0575	121.94	1,244.76	4.7608	22.2855	1.4709	8.8880		
Feb	1	14,424.00	4.0662	122.25	1,247.86	4.7782	22.3405	1.4817	8.8830	
	2	14,431.38	4.0651	121.40	1,234.22	4.7815	22.2623	1.4763	8.8575	
	3	14,333.86	4.0323	121.49	1,232.25	4.7561	22.0157	1.4781	8.8568	
	6	14,241.60	4.0146	120.28	1,217.20	4.7422	21.8217	1.4672	8.8460	
	7	14,228.17	4.0085	119.94	1,224.51	4.7354	22.0334	1.4631	8.8838	
	8	14,211.11	4.0021	119.39	1,220.64	4.7342	21.9102	1.4600	8.8835	
	9	14,172.25	4.0077	120.04	1,223.18	4.7462	21.8579	1.4803	8.8860	
	10	14,134.44	3.9840	120.65	1,222.56	4.7241	21.5519	1.4798	8.9065	
	13	14,158.89	3.9885	120.90	1,223.31	4.7283	21.6261	1.4808	8.9018	
	14	14,138.08	3.9783	120.43	1,207.63	4.7263	21.4981	1.4780	8.8790	
	15	14,060.98	3.9537	120.85	1,205.35	4.6959	21.4777	1.4705	8.8523	
	16	14,188.46	3.9583	120.95	1,213.74	4.7439	21.5975	1.4745	8.8690	
	17	14,199.11	3.9470	120.08	1,224.76	4.7424	21.8050	1.4809	8.8645	
	20	14,181.65	3.9362	120.11	1,218.35	4.7335	21.7273	1.4772	8.8568	
21	14,090.60	3.9011	119.77	1,208.70	4.6973	21.5277	1.4757	8.8138		
22	14,041.37	3.8981	118.79	1,201.28	4.6821	21.0585	1.4672	8.8153		
23	14,091.10	3.9105	119.30	1,200.29	4.7039	21.0150	1.4637	8.8070		
24	14,128.33	3.9241	119.04	1,198.21	4.7109	20.8929	1.4711	8.8365		
27	14,147.30	3.8890	118.87	1,200.05	4.6990	20.9539	1.4701	8.8383		
28	14,132.16	3.8782	118.83	1,194.24	4.7051	21.0800	1.4707	8.8693		
Mar	1	14,074.19	3.8274	119.84	1,204.93	4.6850	21.1100	1.4793	8.8618	
	2	14,045.13	3.8810	120.24	1,204.29	4.6777	20.9495	1.4823	8.8830	
	3	14,138.61	3.9133	120.83	1,218.65	4.7062	20.7635	1.5011	8.9303	
	6	14,138.32	3.8950	120.55	1,222.76	4.7113	20.6859	1.5079	8.9673	
	7	14,115.79	3.8885	120.61	1,215.71	4.7038	20.6124	1.5153	8.9443	
	8	14,144.80	3.8879	120.65	1,216.36	4.7082	20.7130	1.5219	8.9513	
	9	14,135.85	3.8938	120.95	1,222.35	4.7002	20.8770	1.5277	9.0458	

\* See Explanatory notes, p 51.

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

Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United States	Period
Philippine peso PHP	Russian rouble RUB	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY	US dollar USD	
52.833	67.7700	1.5175	14.9575	1.0764	37.901	3.7032	1.0627	2016 Dec 1
52.858	68.2570	1.5140	14.9853	1.0751	37.907	3.7747	1.0642	2
53.188	68.1175	1.5230	14.8125	1.0797	38.147	3.7794	1.0702	5
53.191	68.4247	1.5228	14.6122	1.0833	38.213	3.7202	1.0734	6
53.259	68.3924	1.5218	14.5531	1.0834	38.231	3.6683	1.0730	7
53.465	68.1900	1.5272	14.7162	1.0853	38.334	3.6676	1.0762	8
52.615	66.6988	1.5079	14.5450	1.0756	37.664	3.6707	1.0559	9
52.720	64.8661	1.5145	14.5441	1.0772	37.764	3.7269	1.0596	12
52.844	64.5831	1.5138	14.5220	1.0742	37.772	3.6953	1.0610	13
52.918	65.1386	1.5157	14.5508	1.0747	37.882	3.7125	1.0644	14
52.027	64.3953	1.5008	14.6283	1.0733	37.290	3.6840	1.0419	15
52.193	64.3017	1.5065	14.5876	1.0751	37.413	3.6601	1.0439	16
52.165	64.5075	1.5103	14.6690	1.0709	37.399	3.6532	1.0422	19
51.849	63.8664	1.5002	14.5806	1.0687	37.341	3.6471	1.0364	20
52.002	63.6682	1.5036	14.5366	1.0689	37.510	3.6607	1.0421	21
52.238	63.7526	1.5136	14.6811	1.0706	37.622	3.6682	1.0444	22
52.002	64.0085	1.5114	14.6353	1.0711	37.564	3.6674	1.0446	23
51.959	63.4525	1.5130	14.5792	1.0754	37.612	3.6777	1.0445	27
51.845	62.9938	1.5107	14.4535	1.0714	37.475	3.6882	1.0401	28
51.912	63.2555	1.5156	14.2922	1.0714	37.568	3.6926	1.0453	29
52.268	64.3000	1.5234	14.4570	1.0739	37.726	3.7072	1.0541	30
51.777	64.1073	1.5181	14.3670	1.0711	37.486	3.7084	1.0465	2017 Jan 2
51.765	62.9125	1.5061	14.2840	1.0702	37.287	3.7261	1.0385	3
51.811	63.4078	1.5047	14.2409	1.0707	37.375	3.7387	1.0437	4
51.993	62.4526	1.5076	14.3244	1.0704	37.599	3.8020	1.0501	5
52.257	62.7475	1.5169	14.4179	1.0725	37.760	3.8305	1.0589	6
52.188	62.8383	1.5135	14.4127	1.0721	37.574	3.9210	1.0516	9
52.384	63.5057	1.5193	14.4773	1.0737	37.640	3.9912	1.0567	10
52.180	63.3625	1.5112	14.4742	1.0721	37.375	4.0747	1.0503	11
52.939	63.3302	1.5191	14.3476	1.0742	37.740	4.0319	1.0679	12
52.962	63.2685	1.5206	14.4082	1.0728	37.740	4.0387	1.0661	13
52.926	63.1692	1.5144	14.4212	1.0709	37.524	4.0056	1.0594	16
53.234	63.2426	1.5168	14.3969	1.0712	37.731	4.0560	1.0684	17
53.222	63.2480	1.5176	14.4632	1.0706	37.655	4.0371	1.0664	18
53.405	63.5802	1.5216	14.5056	1.0729	37.759	4.0747	1.0668	19
53.216	63.6075	1.5198	14.4850	1.0727	37.680	4.0665	1.0632	20
53.514	63.7875	1.5229	14.5258	1.0727	37.824	4.0574	1.0715	23
53.510	63.6559	1.5246	14.3643	1.0738	37.844	4.0465	1.0748	24
53.326	63.6282	1.5238	14.2587	1.0732	37.848	4.1082	1.0743	25
53.373	64.7269	1.5228	14.3102	1.0693	37.776	4.1361	1.0700	26
53.221	64.1625	1.5250	14.4471	1.0689	37.683	4.1416	1.0681	27
52.899	63.7792	1.5177	14.4510	1.0669	37.492	4.0561	1.0630	30
53.489	64.4302	1.5201	14.4440	1.0668	37.793	4.0632	1.0755	31
53.713	64.8674	1.5240	14.4837	1.0680	37.894	4.0581	1.0790	Feb 1
53.705	64.3505	1.5232	14.4742	1.0690	37.893	4.0387	1.0808	2
53.461	63.6106	1.5186	14.4212	1.0695	37.653	4.0118	1.0741	3
53.180	63.0404	1.5106	14.2426	1.0670	37.513	3.9404	1.0712	6
53.108	63.4442	1.5142	14.3443	1.0658	37.416	3.9785	1.0675	7
53.233	63.1825	1.5112	14.3162	1.0637	37.359	3.9709	1.0665	8
53.369	62.8730	1.5125	14.3380	1.0672	37.433	3.9486	1.0692	9
53.096	62.2757	1.5112	14.1866	1.0669	37.302	3.9173	1.0629	10
53.059	61.6700	1.5113	14.1809	1.0673	37.276	3.9177	1.0629	13
52.952	60.9409	1.5044	13.9140	1.0659	37.154	3.8780	1.0623	14
52.719	60.9795	1.5012	13.7701	1.0652	36.974	3.8662	1.0555	15
53.176	60.9025	1.5104	13.7837	1.0647	37.282	3.9036	1.0652	16
53.309	61.9668	1.5086	13.9357	1.0637	37.270	3.9117	1.0650	17
53.462	61.6215	1.5057	13.9176	1.0650	37.177	3.8481	1.0616	20
52.990	60.8390	1.4989	13.8666	1.0639	36.916	3.8213	1.0537	21
52.868	60.7803	1.4905	13.7773	1.0642	36.806	3.7871	1.0513	22
53.048	61.1931	1.4926	13.6180	1.0663	36.990	3.7757	1.0573	23
53.255	61.6435	1.4892	13.7016	1.0649	37.006	3.7991	1.0609	24
53.193	61.1026	1.4878	13.7155	1.0664	36.901	3.8100	1.0587	27
53.258	61.7550	1.4831	13.7910	1.0648	36.952	3.8391	1.0597	28
53.015	61.4190	1.4842	13.7793	1.0647	36.871	3.8438	1.0533	Mar 1
52.997	61.6805	1.4840	13.7799	1.0651	36.804	3.8972	1.0514	2
53.197	62.0628	1.4933	13.8220	1.0675	37.041	3.9388	1.0565	3
53.251	61.5602	1.4936	13.7644	1.0694	37.104	3.9328	1.0592	6
53.237	61.3560	1.4920	13.7038	1.0730	37.111	3.8894	1.0576	7
53.198	61.7573	1.4947	13.7908	1.0702	37.236	3.9434	1.0556	8
53.117	62.6102	1.4986	13.9979	1.0709	37.287	3.9603	1.0551	9

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

### 2 Monthly averages +

EUR 1 = CU ...

Period	EU member countries									Other European
	Bulgaria	Croatia	Czechia	Denmark	Hungary	Poland	Romania	Sweden	United Kingdom	Australia
	Bulgarian lev BGN	Kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Polish zloty PLN	Romanian leu RON	Swedish krona SEK	Pound sterling GBP	Australian dollar AUD
2012 Feb	1.9558	7.5815	25.042	7.4341	290.68	4.1835	4.3513	8.8196	0.83696	1.2327
Mar	1.9558	7.5358	24.676	7.4354	292.26	4.1370	4.3668	8.8873	0.83448	1.2538
Apr	1.9558	7.4991	24.809	7.4393	294.81	4.1782	4.3789	8.8650	0.82188	1.2718
May	1.9558	7.5383	25.313	7.4335	293.67	4.2937	4.4412	8.9924	0.80371	1.2825
June	1.9558	7.5434	25.640	7.4325	293.57	4.2973	4.4626	8.8743	0.80579	1.2550
July	1.9558	7.5006	25.447	7.4384	286.28	4.1837	4.5549	8.5451	0.78827	1.1931
Aug	1.9558	7.4853	25.021	7.4454	278.93	4.0934	4.5176	8.2805	0.78884	1.1841
Sep	1.9558	7.4291	24.752	7.4539	284.22	4.1345	4.5022	8.4929	0.79821	1.2372
Oct	1.9558	7.5140	24.939	7.4582	282.09	4.1071	4.5624	8.6145	0.80665	1.2596
Nov	1.9558	7.5410	25.365	7.4587	282.26	4.1321	4.5273	8.6076	0.80389	1.2331
Dec	1.9558	7.5334	25.214	7.4604	285.79	4.0956	4.4899	8.6512	0.81237	1.2527
2013 Jan	1.9558	7.5746	25.563	7.4614	294.01	4.1424	4.3835	8.6217	0.83271	1.2658
Feb	1.9558	7.5868	25.475	7.4598	292.73	4.1700	4.3839	8.5083	0.86250	1.2951
Mar	1.9558	7.5909	25.659	7.4553	303.01	4.1565	4.3923	8.3470	0.85996	1.2537
Apr	1.9558	7.6076	25.841	7.4553	298.67	4.1359	4.3780	8.4449	0.85076	1.2539
May	1.9558	7.5684	25.888	7.4536	292.38	4.1799	4.3360	8.5725	0.84914	1.3133
June	1.9558	7.4901	25.759	7.4576	295.70	4.2839	4.4803	8.6836	0.85191	1.3978
July	1.9558	7.5061	25.944	7.4579	294.90	4.2745	4.4244	8.6609	0.86192	1.4279
Aug	1.9558	7.5372	25.818	7.4580	299.46	4.2299	4.4371	8.7034	0.85904	1.4742
Sep	1.9558	7.5985	25.789	7.4579	299.75	4.2371	4.4633	8.6758	0.84171	1.4379
Oct	1.9558	7.6193	25.662	7.4592	294.76	4.1902	4.4444	8.7479	0.84720	1.4328
Nov	1.9558	7.6326	26.927	7.4587	297.68	4.1887	4.4452	8.8802	0.83780	1.4473
Dec	1.9558	7.6365	27.521	7.4602	300.24	4.1760	4.4635	8.9597	0.83639	1.5243
2014 Jan	1.9558	7.6353	27.485	7.4614	302.48	4.1799	4.5205	8.8339	0.82674	1.5377
Feb	1.9558	7.6574	27.444	7.4622	310.20	4.1741	4.4918	8.8721	0.82510	1.5222
Mar	1.9558	7.6576	27.395	7.4638	311.49	4.1987	4.4933	8.8666	0.83170	1.5217
Apr	1.9558	7.6267	27.450	7.4656	307.37	4.1853	4.4620	9.0329	0.82520	1.4831
May	1.9558	7.5952	27.437	7.4641	304.58	4.1800	4.4237	9.0298	0.81535	1.4755
June	1.9558	7.5770	27.450	7.4588	305.87	4.1352	4.3930	9.0914	0.80409	1.4517
July	1.9558	7.6146	27.458	7.4564	309.81	4.1444	4.4098	9.2327	0.79310	1.4420
Aug	1.9558	7.6326	27.816	7.4551	313.91	4.1919	4.4252	9.1878	0.79730	1.4306
Sep	1.9558	7.6236	27.599	7.4449	313.20	4.1899	4.4095	9.1929	0.79113	1.4246
Oct	1.9558	7.6573	27.588	7.4448	307.85	4.2066	4.4153	9.1797	0.78861	1.4436
Nov	1.9558	7.6700	27.667	7.4415	306.89	4.2121	4.4288	9.2384	0.79054	1.4432
Dec	1.9558	7.6682	27.640	7.4402	310.83	4.2155	4.4583	9.4043	0.78830	1.4928
2015 Jan	1.9558	7.6883	27.895	7.4406	316.50	4.2783	4.4874	9.4167	0.76680	1.4390
Feb	1.9558	7.7114	27.608	7.4501	306.88	4.1760	4.4334	9.4901	0.74051	1.4568
Mar	1.9558	7.6467	27.379	7.4593	303.45	4.1259	4.4339	9.2449	0.72358	1.4008
Apr	1.9558	7.5896	27.439	7.4655	299.43	4.0180	4.4155	9.3254	0.72116	1.3939
May	1.9558	7.5591	27.397	7.4612	306.33	4.0811	4.4477	9.3037	0.72124	1.4123
June	1.9558	7.5719	27.307	7.4603	311.96	4.1586	4.4671	9.2722	0.72078	1.4530
July	1.9558	7.5863	27.094	7.4616	311.53	4.1524	4.4391	9.3860	0.70685	1.4844
Aug	1.9558	7.5578	27.041	7.4627	311.61	4.1953	4.4235	9.5155	0.71423	1.5269
Sep	1.9558	7.5890	27.089	7.4610	313.14	4.2176	4.4236	9.3924	0.73129	1.5900
Oct	1.9558	7.6208	27.105	7.4601	311.27	4.2508	4.4227	9.3485	0.73287	1.5586
Nov	1.9558	7.6074	27.039	7.4602	312.27	4.2494	4.4453	9.3133	0.70658	1.5011
Dec	1.9558	7.6397	27.027	7.4612	314.40	4.2900	4.5033	9.2451	0.72595	1.5009
2016 Jan	1.9558	7.6582	27.027	7.4619	314.68	4.4074	4.5311	9.2826	0.75459	1.5510
Feb	1.9558	7.6355	27.040	7.4628	310.37	4.3970	4.4814	9.4105	0.77559	1.5556
Mar	1.9558	7.5593	27.051	7.4569	311.15	4.2932	4.4666	9.2848	0.78020	1.4823
Apr	1.9558	7.4947	27.031	7.4427	311.46	4.3106	4.4724	9.2027	0.79230	1.4802
May	1.9558	7.4979	27.026	7.4386	314.58	4.4039	4.4991	9.2948	0.77779	1.5461
June	1.9558	7.5204	27.061	7.4371	313.98	4.3996	4.5230	9.3338	0.79049	1.5173
July	1.9558	7.4930	27.042	7.4390	314.35	4.3964	4.4856	9.4742	0.84106	1.4694
Aug	1.9558	7.4866	27.025	7.4408	310.21	4.3005	4.4591	9.4913	0.85521	1.4690
Sep	1.9558	7.5005	27.022	7.4475	308.68	4.3207	4.4502	9.5655	0.85228	1.4768
Oct	1.9558	7.5068	27.022	7.4402	307.00	4.3076	4.4942	9.7073	0.89390	1.4470
Nov	1.9558	7.5211	27.033	7.4406	308.82	4.3911	4.5100	9.8508	0.86894	1.4331
Dec	1.9558	7.5404	27.031	7.4362	312.24	4.4357	4.5164	9.7095	0.84441	1.4356
2017 Jan	1.9558	7.5300	27.021	7.4355	308.99	4.3671	4.5018	9.5110	0.86100	1.4252
Feb	1.9558	7.4476	27.021	7.4348	308.50	4.3081	4.5136	9.4762	0.85273	1.3886

\* See Explanatory notes, p 51. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB.

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

and non-European countries											
Brazil	Canada	China	Hong Kong	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia		
Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Hong Kong dollar HKD	Indian rupee INR	Indonesian rupiah IDR	New Israeli sheqel ILS	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR	Period	
2.2729	1.3193	8.3314	10.2553	65.0589	11,913.82	4.9474	103.77	1,485.58	3.9978	2012 Feb	
2.3674	1.3121	8.3326	10.2474	66.5399	12,082.50	4.9679	108.88	1,487.83	4.0229	Mar	
2.4405	1.3068	8.2921	10.2163	68.1939	12,068.69	4.9362	107.00	1,495.40	4.0277	Apr	
2.5357	1.2916	8.0806	9.9291	69.6407	11,913.51	4.8974	101.97	1,481.36	3.9688	May	
2.5658	1.2874	7.9676	9.7192	70.1673	11,830.22	4.8763	99.26	1,458.61	3.9836	June	
2.4914	1.2461	7.8288	9.5308	68.1061	11,605.16	4.9042	97.07	1,404.11	3.8914	July	
2.5170	1.2315	7.8864	9.6177	68.8632	11,777.55	4.9779	97.58	1,403.93	3.8643	Aug	
2.6066	1.2583	8.1273	9.9686	70.0452	12,287.93	5.0717	100.49	1,444.65	3.9599	Sep	
2.6333	1.2801	8.1390	10.0574	68.8589	12,457.30	4.9976	102.47	1,435.37	3.9649	Oct	
2.6512	1.2787	7.9998	9.9423	70.3250	12,343.83	4.9970	103.94	1,395.13	3.9230	Nov	
2.7264	1.2984	8.1809	10.1679	71.6946	12,643.37	4.9570	109.71	1,411.41	4.0075	Dec	
2.6993	1.3189	8.2698	10.3027	72.0716	12,837.99	4.9706	118.34	1,417.69	4.0413	2013 Jan	
2.6354	1.3477	8.3282	10.3608	71.9342	12,933.75	4.9359	124.40	1,452.82	4.1403	Feb	
2.5694	1.3285	8.0599	10.0588	70.5579	12,590.61	4.7769	122.99	1,430.31	4.0309	Mar	
2.6060	1.3268	8.0564	10.1110	70.7738	12,664.51	4.7164	127.54	1,460.89	3.9686	Apr	
2.6414	1.3257	7.9715	10.0766	71.4760	12,673.13	4.7223	131.13	1,444.56	3.9200	May	
2.8613	1.3596	8.0905	10.2349	77.0284	13,033.31	4.7865	128.40	1,498.33	4.1488	June	
2.9438	1.3619	8.0234	10.1455	78.1762	13,189.17	4.7153	130.39	1,473.35	4.1746	July	
3.1170	1.3853	8.1477	10.3223	83.9480	14,168.72	4.7610	130.34	1,485.93	4.3631	Aug	
3.0345	1.3817	8.1690	10.3504	85.2678	15,073.16	4.7636	132.41	1,446.60	4.3410	Sep	
2.9860	1.4128	8.3226	10.5724	84.0071	15,109.54	4.8232	133.32	1,454.73	4.3283	Oct	
3.0959	1.4145	8.2221	10.4604	84.4990	15,575.06	4.7711	134.97	1,434.06	4.3176	Nov	
3.2133	1.4580	8.3248	10.6254	84.7631	16,455.73	4.8019	141.68	1,446.99	4.4517	Dec	
3.2437	1.4884	8.2368	10.5586	84.5099	16,471.94	4.7569	141.47	1,453.94	4.5005	2014 Jan	
3.2581	1.5094	8.3062	10.6012	84.9503	16,270.18	4.8043	139.35	1,462.51	4.5194	Feb	
3.2187	1.5352	8.5332	10.7283	84.2990	15,785.89	4.8087	141.48	1,479.99	4.5361	Mar	
3.0864	1.5181	8.5984	10.7107	83.3624	15,801.66	4.8010	141.62	1,441.28	4.4989	Apr	
3.0512	1.4951	8.5658	10.6456	81.4318	15,830.12	4.7600	139.74	1,407.13	4.4337	May	
3.0388	1.4728	8.4698	10.5365	81.2046	16,167.87	4.6966	138.72	1,385.45	4.3760	June	
3.0109	1.4524	8.3940	10.4935	81.3058	15,789.65	4.6325	137.72	1,382.29	4.3100	July	
3.0219	1.4548	8.1965	10.3207	81.0709	15,603.10	4.6569	137.11	1,364.17	4.2310	Aug	
3.0089	1.4196	7.9207	10.0019	78.5676	15,362.85	4.6896	138.39	1,336.02	4.1522	Sep	
3.1018	1.4214	7.7635	9.8309	77.7896	15,389.80	4.7249	136.85	1,345.25	4.1436	Oct	
3.1829	1.4136	7.6411	9.6716	76.9566	15,177.15	4.7783	145.03	1,370.36	4.1747	Nov	
3.2499	1.4216	7.6330	9.5626	77.3781	15,351.19	4.8503	147.06	1,359.97	4.2903	Dec	
3.0639	1.4039	7.2269	9.0102	72.2141	14,617.69	4.5856	137.47	1,266.19	4.1648	2015 Jan	
3.1977	1.4199	7.0960	8.8020	70.4356	14,504.28	4.4192	134.69	1,250.50	4.0822	Feb	
3.3997	1.3661	6.7623	8.4081	67.7387	14,152.16	4.3325	130.41	1,205.92	3.9889	Mar	
3.2800	1.3313	6.6863	8.3550	67.6432	13,950.49	4.2456	128.94	1,170.32	3.9118	Apr	
3.4105	1.3568	6.9165	8.6436	71.1153	14,650.36	4.3086	134.75	1,220.20	4.0191	May	
3.4941	1.3854	6.9587	8.6935	71.5873	14,919.43	4.2891	138.74	1,248.79	4.1949	June	
3.5405	1.4124	6.8269	8.5236	69.9960	14,720.40	4.1679	135.68	1,260.75	4.1824	July	
3.9118	1.4637	7.0626	8.6358	72.5361	15,370.92	4.2836	137.12	1,313.48	4.5297	Aug	
4.3666	1.4882	7.1462	8.6966	74.2990	16,175.76	4.3917	134.85	1,329.94	4.8286	Sep	
4.3599	1.4685	7.1346	8.7073	73.1116	15,482.55	4.3414	134.84	1,286.06	4.7818	Oct	
4.0601	1.4248	6.8398	8.3211	71.0406	14,685.99	4.1760	131.60	1,239.19	4.6328	Nov	
4.2145	1.4904	7.0193	8.4307	72.3851	15,087.43	4.2199	132.36	1,277.56	4.6615	Dec	
4.4021	1.5447	7.1393	8.4509	73.2036	15,069.76	4.2903	128.32	1,307.56	4.7162	2016 Jan	
4.3953	1.5317	7.2658	8.6333	75.7172	14,985.33	4.3336	127.35	1,349.77	4.6411	Feb	
4.1195	1.4697	7.2220	8.6152	74.3018	14,629.58	4.2927	125.39	1,314.89	4.5167	Mar	
4.0374	1.4559	7.3461	8.7954	75.3823	14,932.22	4.2812	124.29	1,300.58	4.4232	Apr	
3.9983	1.4626	7.3864	8.7815	75.7016	15,188.82	4.3115	123.21	1,329.46	4.5755	May	
3.8570	1.4477	7.4023	8.7162	75.5592	14,969.03	4.3323	118.45	1,310.59	4.5760	June	
3.6263	1.4428	7.3910	8.5858	74.3738	14,520.91	4.2686	115.25	1,264.05	4.4471	July	
3.5983	1.4557	7.4537	8.6961	75.0303	14,757.31	4.2559	113.49	1,245.55	4.5141	Aug	
3.6436	1.4677	7.4819	8.6964	74.8220	14,697.52	4.2210	114.22	1,244.12	4.6108	Sep	
3.5158	1.4594	7.4198	8.5533	73.5775	14,361.10	4.2110	114.47	1,243.02	4.6040	Oct	
3.6056	1.4519	7.3883	8.3758	73.0550	14,398.18	4.1491	116.93	1,256.71	4.6843	Nov	
3.5405	1.4070	7.2983	8.1802	71.5390	14,135.71	4.0401	122.39	1,248.48	4.7013	Dec	
3.3929	1.4032	7.3189	8.2332	72.2823	14,181.25	4.0543	122.14	1,254.41	4.7318	2017 Jan	
3.3022	1.3942	7.3143	8.2586	71.2908	14,186.74	3.9672	120.17	1,215.92	4.7283	Feb	

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

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

EUR 1 = CU ...

Other European and non-European countries (cont'd)											
Period	Mexico	New Zealand	Norway	Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United States
	Mexican peso MXN	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	US dollar USD
2012 Feb	16.9159	1.5845	7.5522	56.419	39.4232	1.6585	10.1289	1.2071	40.614	2.3264	1.3224
Mar	16.8239	1.6104	7.5315	56.634	38.7804	1.6624	10.0475	1.2061	40.557	2.3631	1.3201
Apr	17.1900	1.6095	7.5698	56.145	38.8087	1.6459	10.3060	1.2023	40.639	2.3520	1.3162
May	17.4237	1.6538	7.5655	54.908	39.5585	1.6152	10.4412	1.2012	40.077	2.3149	1.2789
June	17.4529	1.6062	7.5401	53.510	41.1766	1.6016	10.5050	1.2011	39.640	2.2837	1.2526
July	16.4263	1.5390	7.4579	51.452	39.9467	1.5494	10.1379	1.2011	38.873	2.2281	1.2288
Aug	16.3600	1.5306	7.3239	52.173	39.6334	1.5480	10.2585	1.2011	38.974	2.2291	1.2400
Sep	16.6413	1.5721	7.3945	53.629	40.4006	1.5837	10.6512	1.2089	39.842	2.3177	1.2856
Oct	16.7207	1.5817	7.4076	53.691	40.3558	1.5879	11.2215	1.2098	39.811	2.3384	1.2974
Nov	16.7689	1.5660	7.3371	52.716	40.2505	1.5695	11.2986	1.2052	39.391	2.3010	1.2828
Dec	16.8664	1.5777	7.3503	53.796	40.3114	1.6009	11.3179	1.2091	40.187	2.3439	1.3119
2013 Jan	16.8760	1.5877	7.3821	54.105	40.1847	1.6326	11.6957	1.2288	39.924	2.3543	1.3288
Feb	16.9872	1.5929	7.4232	54.355	40.3342	1.6546	11.8796	1.2298	39.839	2.3738	1.3359
Mar	16.2322	1.5657	7.4863	52.813	39.9332	1.6164	11.9169	1.2266	38.264	2.3453	1.2964
Apr	15.8895	1.5348	7.5444	53.649	40.7995	1.6120	11.8592	1.2199	37.857	2.3406	1.3026
May	15.9776	1.5774	7.5589	53.693	40.6842	1.6219	12.1798	1.2418	38.667	2.3739	1.2982
June	17.0716	1.6682	7.7394	56.658	42.6490	1.6613	13.2088	1.2322	40.664	2.5028	1.3189
July	16.6893	1.6590	7.8837	56.698	42.8590	1.6595	12.9674	1.2366	40.714	2.5274	1.3080
Aug	17.1996	1.6829	7.9386	58.471	43.9748	1.6941	13.4190	1.2338	42.072	2.6125	1.3310
Sep	17.4471	1.6406	7.9725	58.346	43.5144	1.6860	13.3287	1.2338	42.312	2.6952	1.3348
Oct	17.7413	1.6351	8.1208	58.809	43.7440	1.6956	13.5283	1.2316	42.549	2.7095	1.3635
Nov	17.6340	1.6327	8.2055	58.811	44.1581	1.6833	13.7626	1.2316	42.695	2.7316	1.3493
Dec	17.8278	1.6659	8.4053	60.552	45.0628	1.7244	14.2234	1.2245	44.323	2.8276	1.3704
2014 Jan	17.9964	1.6450	8.3927	61.263	46.0304	1.7327	14.8242	1.2317	44.822	3.0297	1.3610
Feb	18.1561	1.6466	8.3562	61.238	48.2554	1.7295	14.9820	1.2212	44.568	3.0184	1.3659
Mar	18.2447	1.6199	8.2906	61.901	49.9477	1.7513	14.8613	1.2177	44.765	3.0629	1.3823
Apr	18.0485	1.6049	8.2506	61.646	49.2978	1.7345	14.5815	1.2189	44.657	2.9393	1.3813
May	17.7620	1.5957	8.1513	60.258	47.8403	1.7189	14.2995	1.2204	44.686	2.8736	1.3732
June	17.6516	1.5769	8.2149	59.543	46.7509	1.7008	14.5094	1.2181	44.195	2.8808	1.3592
July	17.5834	1.5578	8.3880	58.844	46.9984	1.6825	14.4366	1.2150	43.470	2.8699	1.3539
Aug	17.5051	1.5783	8.2522	58.320	48.1781	1.6622	14.2052	1.2118	42.644	2.8784	1.3316
Sep	17.0717	1.5841	8.1798	57.033	49.0519	1.6295	14.1578	1.2076	41.536	2.8543	1.2901
Oct	17.0713	1.6090	8.3136	56.807	51.9380	1.6154	14.0266	1.2078	41.139	2.8577	1.2673
Nov	16.9850	1.5928	8.4912	56.101	57.5193	1.6173	13.8359	1.2027	40.908	2.7885	1.2472
Dec	17.8692	1.5874	8.9802	55.092	70.3269	1.6213	14.1582	1.2026	40.564	2.8304	1.2331
2015 Jan	17.0782	1.5213	8.9320	51.791	75.0459	1.5545	13.4598	1.0940	38.056	2.7153	1.1621
Feb	16.9310	1.5236	8.6188	50.174	73.0742	1.5382	13.1532	1.0618	36.963	2.7958	1.1350
Mar	16.4941	1.4506	8.6434	48.227	65.1401	1.4913	13.0756	1.0608	35.355	2.8077	1.0838
Apr	16.4288	1.4217	8.5057	47.863	56.7415	1.4539	12.9588	1.0379	35.072	2.8743	1.0779
May	17.0378	1.5112	8.4103	49.741	56.3735	1.4882	13.3506	1.0391	37.408	2.9491	1.1150
June	17.3467	1.6046	8.7550	50.508	61.2390	1.5091	13.7965	1.0455	37.818	3.0299	1.1213
July	17.5297	1.6542	8.9357	49.814	63.2077	1.4972	13.6973	1.0492	37.760	2.9705	1.0996
Aug	18.4333	1.7001	9.1815	51.536	73.3597	1.5573	14.3821	1.0777	39.465	3.1826	1.1139
Sep	18.8821	1.7714	9.3075	52.456	74.8040	1.5879	15.3065	1.0913	40.426	3.3835	1.1221
Oct	18.6216	1.6794	9.2892	52.070	70.9490	1.5731	15.1579	1.0882	40.092	3.2887	1.1235
Nov	17.8605	1.6365	9.2572	50.537	69.7899	1.5181	15.1743	1.0833	38.432	3.0849	1.0736
Dec	18.5500	1.6133	9.4642	51.337	76.3576	1.5321	16.3210	1.0827	39.162	3.1800	1.0877
2016 Jan	19.6039	1.6654	9.5899	51.654	83.8638	1.5561	17.7592	1.0941	39.249	3.2713	1.0860
Feb	20.4826	1.6732	9.5628	52.816	85.6158	1.5596	17.4987	1.1018	39.507	3.2638	1.1093
Mar	19.5943	1.6481	9.4300	51.722	77.9394	1.5247	17.1222	1.0920	39.089	3.2072	1.1100
Apr	19.8402	1.6458	9.3224	52.598	75.4333	1.5308	16.5695	1.0930	39.780	3.2135	1.1339
May	20.4956	1.6628	9.3036	52.951	74.4745	1.5494	17.3357	1.1059	40.064	3.3230	1.1311
June	20.9430	1.5955	9.3278	52.172	73.1466	1.5205	16.9371	1.0894	39.624	3.2737	1.1229
July	20.5453	1.5514	9.3690	52.102	71.2417	1.4949	15.9449	1.0867	38.794	3.2786	1.1069
Aug	20.7136	1.5491	9.3030	52.254	72.7952	1.5106	15.4198	1.0881	38.916	3.3206	1.1212
Sep	21.5034	1.5328	9.1971	53.359	72.2387	1.5240	15.7305	1.0919	38.935	3.3284	1.1212
Oct	20.8389	1.5409	9.0009	53.304	69.0091	1.5257	15.3593	1.0887	38.666	3.3912	1.1026
Nov	21.6800	1.5102	9.0807	53.160	69.5321	1.5232	15.0351	1.0758	38.155	3.5500	1.0799
Dec	21.6189	1.4982	9.0252	52.493	65.3781	1.5137	14.6142	1.0750	37.730	3.6917	1.0543
2017 Jan	22.6576	1.4923	8.9990	52.800	63.4978	1.5175	14.4012	1.0714	37.645	3.9869	1.0614
Feb	21.6027	1.4733	8.8603	53.208	62.1520	1.5055	14.0389	1.0660	37.258	3.9011	1.0643

\* See Explanatory notes, p 51. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. 1 Discontinuation of the minimum exchange rate on 15 January 2015.

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

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

EUR 1 = CU ...

EU member countries									
Period	Bulgaria	Croatia	Cyprus	Czechia	Denmark	Estonia	Hungary	Latvia	Lithuania
	Bulgarian lev BGN	Kuna HRK 1	Cyprus pound CYP 2	Czech koruna CZK	Danish krone DKK	Estonian kroon EEK 2	Hungarian forint HUF	Latvian lats LVL 2	Lithuanian litas LTL 2
<b>End of year</b>									
2003	1.9557	7.6451	0.58637	32.410	7.4450	15.6466	262.50	0.6725	3.4524
2004	1.9559	7.6650	0.58000	30.464	7.4388	15.6466	245.97	0.6979	3.4528
2005	1.9563	7.3715	0.57350	29.000	7.4605	15.6466	252.87	0.6962	3.4528
2006	1.9558	7.3504	0.57820	27.485	7.4560	15.6466	251.77	0.6972	3.4528
2007	1.9558	7.3308	0.585274	26.628	7.4583	15.6466	253.73	0.6964	3.4528
2008	1.9558	7.3555	–	26.875	7.4506	15.6466	266.70	0.7083	3.4528
2009	1.9558	7.3000	–	26.473	7.4418	15.6466	270.42	0.7093	3.4528
2010	1.9558	7.3830	–	25.061	7.4535	15.6466	277.95	0.7094	3.4528
2011	1.9558	7.5370	–	25.787	7.4342	–	314.58	0.6995	3.4528
2012	1.9558	7.5575	–	25.151	7.4610	–	292.30	0.6977	3.4528
2013	1.9558	7.6265	–	27.427	7.4593	–	297.04	0.702804	3.4528
2014	1.9558	7.6580	–	27.735	7.4453	–	315.54	–	3.4528
2015	1.9558	7.6380	–	27.023	7.4626	–	315.98	–	–
2016	1.9558	7.5597	–	27.021	7.4344	–	309.83	–	–
<b>Annual averages +</b>									
2003	1.9490	7.5688	0.58409	31.846	7.4307	15.6466	253.62	0.6407	3.4527
2004	1.9533	7.4967	0.58185	31.891	7.4399	15.6466	251.66	0.6652	3.4529
2005	1.9558	7.4008	0.57683	29.782	7.4518	15.6466	248.05	0.6962	3.4528
2006	1.9558	7.3247	0.57578	28.342	7.4591	15.6466	264.26	0.6962	3.4528
2007	1.9558	7.3376	0.58263	27.766	7.4506	15.6466	251.35	0.7001	3.4528
2008	1.9558	7.2239	–	24.946	7.4560	15.6466	251.51	0.7027	3.4528
2009	1.9558	7.3400	–	26.435	7.4462	15.6466	280.33	0.7057	3.4528
2010	1.9558	7.2891	–	25.284	7.4473	15.6466	275.48	0.7087	3.4528
2011	1.9558	7.4390	–	24.590	7.4506	–	279.37	0.7063	3.4528
2012	1.9558	7.5217	–	25.149	7.4437	–	289.25	0.6973	3.4528
2013	1.9558	7.5786	–	25.980	7.4579	–	296.87	0.7015	3.4528
2014	1.9558	7.6344	–	27.536	7.4548	–	308.71	–	3.4528
2015	1.9558	7.6137	–	27.279	7.4587	–	310.00	–	–
2016	1.9558	7.5333	–	27.034	7.4452	–	311.44	–	–

EU member countries (cont'd)							Other European and non-European countries			
Malta	Poland	Romania	Slovakia	Slovenia	Sweden	United Kingdom	Australia	Brazil	Canada	
Maltese lira MTL 2	Polish zloty PLN	Romanian leu (old)/(new) ROL/RON 3	Slovak koruna SKK 2	Slovenian tolar SIT 2	Swedish krona SEK	Pound sterling GBP	Australian dollar AUD	Brazilian real BRL 4	Canadian dollar CAD	
<b>End of year</b>										
2003	0.4317	4.7019	41,158	41.170	236.7000	9.0800	0.70480	1.6802	3.6698	1.6234
2004	0.4343	4.0845	39,390	38.745	239.7600	9.0206	0.70505	1.7459	3.6201	1.6416
2005	0.4293	3.8600	3 3.6802	37.880	239.5000	9.3885	0.68530	1.6109	2.7462	1.3725
2006	0.4293	3.8310	3.3835	34.435	239.6400	9.0404	0.67150	1.6691	2.8141	1.5281
2007	0.4293	3.5935	3.6077	33.583	–	9.4415	0.73335	1.6757	2.5914	1.4449
2008	–	4.1535	4.0225	30.126	–	10.8700	0.95250	2.0274	3.2436	1.6998
2009	–	4.1045	4.2363	–	–	10.2520	0.88810	1.6008	2.5113	1.5128
2010	–	3.9750	4.2620	–	–	8.9655	0.86075	1.3136	2.2177	1.3322
2011	–	4.4580	4.3233	–	–	8.9120	0.83530	1.2723	2.4159	1.3215
2012	–	4.0740	4.4445	–	–	8.5820	0.81610	1.2712	2.7036	1.3137
2013	–	4.1543	4.4710	–	–	8.8591	0.83370	1.5423	3.2576	1.4671
2014	–	4.2732	4.4828	–	–	9.3930	0.77890	1.4829	3.2207	1.4063
2015	–	4.2639	4.5240	–	–	9.1895	0.73395	1.4897	4.3117	1.5116
2016	–	4.4103	4.5390	–	–	9.5525	0.85618	1.4596	3.4305	1.4188
<b>Annual averages +</b>										
2003	0.4261	4.3996	37,551	41.489	233.8493	9.1242	0.69199	1.7379	3.4701	1.5817
2004	0.4280	4.5268	40,510	40.022	239.0874	9.1243	0.67866	1.6905	3.6362	1.6167
2005	0.4299	4.0230	3 3.6209	38.599	239.5681	9.2822	0.68380	1.6320	3.0360	1.5087
2006	0.4293	3.8959	3.5258	37.234	239.5961	9.2544	0.68173	1.6668	2.7333	1.4237
2007	0.4293	3.7837	3.3353	33.775	–	9.2501	0.68434	1.6348	2.6633	1.4678
2008	–	3.5121	3.6826	31.262	–	9.6152	0.79628	1.7416	2.6737	1.5594
2009	–	4.3276	4.2399	–	–	10.6191	0.89094	1.7727	2.7674	1.5850
2010	–	3.9947	4.2122	–	–	9.5373	0.85784	1.4423	2.3314	1.3651
2011	–	4.1206	4.2391	–	–	9.0298	0.86788	1.3484	2.3265	1.3761
2012	–	4.1847	4.4593	–	–	8.7041	0.81087	1.2407	2.5084	1.2842
2013	–	4.1975	4.4190	–	–	8.6515	0.84926	1.3777	2.8687	1.3684
2014	–	4.1843	4.4437	–	–	9.0985	0.80612	1.4719	3.1211	1.4661
2015	–	4.1841	4.4454	–	–	9.3535	0.72584	1.4777	3.7004	1.4186
2016	–	4.3632	4.4904	–	–	9.4689	0.81948	1.4883	3.8561	1.4659

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

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

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

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

EUR 1 = CU ...

Other European and non-European countries (cont'd)										
	China	Hong Kong	Iceland	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia	Mexico
Period	Chinese yuan renminbi CNY <sup>1</sup>	Hong Kong dollar HKD	Icelandic krona ISK <sup>2</sup>	Indian rupee INR <sup>3</sup>	Indonesian rupiah IDR <sup>1</sup>	New Israeli shekel ILS <sup>4</sup>	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR <sup>1</sup>	Mexican peso MXN <sup>5</sup>
<b>End of year</b>										
2003	10.4539	9.8049	89.46	57.5780	10,643.10	5.5424	135.05	1,506.32	4.8019	14.1807
2004	11.2741	10.5881	83.60	59.2590	12,653.91	5.8922	139.65	1,410.05	5.1802	15.2235
2005	9.5204	9.1474	74.57	53.1130	11,596.45	5.4334	138.90	1,184.42	4.4584	12.5945
2006	10.2793	10.2409	93.13	58.2180	11,844.44	5.5677	156.93	1,224.81	4.6490	14.2899
2007	10.7524	11.4800	91.90	57.8620	13,826.70	5.6539	164.93	1,377.96	4.8682	16.0732
2008	9.4956	10.7858	2	67.4370	15,239.12	5.2919	126.14	1,839.13	4.8048	19.2333
2009	9.8350	11.1709	–	67.0400	13,626.13	5.4524	133.16	1,666.97	4.9326	18.9223
2010	8.8220	10.3856	–	59.7580	12,002.14	4.7321	108.65	1,499.06	4.0950	16.5475
2011	8.1588	10.0510	–	68.7130	11,731.47	4.9453	100.20	1,498.69	4.1055	18.0512
2012	8.2207	10.2260	–	72.5600	12,713.97	4.9258	113.61	1,406.23	4.0347	17.1845
2013	8.3491	10.6933	–	85.3660	16,764.78	4.7880	144.72	1,450.93	4.5221	18.0731
2014	7.5358	9.4170	–	76.7190	15,076.10	4.7200	145.23	1,324.80	4.2473	17.8679
2015	7.0608	8.4376	–	72.0215	15,039.99	4.2481	131.07	1,280.78	4.6959	18.9145
2016	7.3202	8.1751	–	71.5935	14,173.43	4.0477	123.40	1,269.36	4.7287	21.7719
<b>Annual averages +</b>										
2003	9.3626	8.8079	86.65	52.6100	9,685.54	5.1340	130.97	1,346.90	4.2983	12.2144
2004	10.2967	9.6881	87.14	56.3008	11,127.34	5.5706	134.44	1,422.62	4.7273	14.0386
2005	10.1955	9.6768	78.23	54.8117	12,072.83	5.5807	136.85	1,273.61	4.7119	13.5643
2006	10.0096	9.7545	87.76	56.8435	11,512.37	5.5920	146.02	1,198.58	4.6044	13.6936
2007	10.4178	10.6912	87.63	56.4186	12,528.33	5.6278	161.25	1,272.99	4.7076	14.9743
2008	10.2236	11.4541	2 143.83	63.6143	14,165.16	5.2561	152.45	1,606.09	4.8893	16.2911
2009	9.5277	10.8114	–	67.3611	14,443.74	5.4668	130.34	1,772.90	4.9079	18.7989
2010	8.9712	10.2994	–	60.5878	12,041.70	4.9457	116.24	1,531.82	4.2668	16.7373
2011	8.9960	10.8362	–	64.8859	12,206.51	4.9775	110.96	1,541.23	4.2558	17.2877
2012	8.1052	9.9663	–	68.5973	12,045.73	4.9536	102.49	1,447.69	3.9672	16.9029
2013	8.1646	10.3016	–	77.9300	13,857.50	4.7948	129.66	1,453.91	4.1855	16.9641
2014	8.1857	10.3025	–	81.0406	15,748.92	4.7449	140.31	1,398.14	4.3446	17.6550
2015	6.9733	8.6014	–	71.1956	14,870.39	4.3122	134.31	1,256.54	4.3373	17.6157
2016	7.3522	8.5922	–	74.3717	14,720.83	4.2489	120.20	1,284.18	4.5835	20.6673

Other European and non-European countries (cont'd)										
	New Zealand	Norway	Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United States
Period	New Zealand dollar NZD	Norwegian krona NOK	Philippine peso PHP <sup>1</sup>	Russian rouble RUB <sup>1</sup>	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB <sup>1</sup>	Turkish lira / New Turkish lira TRL / TRY <sup>6</sup>	US dollar USD
<b>End of year</b>										
2003	1.9244	8.4141	70.171	36.9555	2.1450	8.3276	1.5579	50.041	1,771,638	1.2630
2004	1.8871	8.2365	76.510	37.7879	2.2262	7.6897	1.5429	53.042	1,836,200	1.3621
2005	1.7270	7.9850	62.719	33.9200	1.9628	7.4642	1.5551	48.437	6 1.5924	1.1797
2006	1.8725	8.2380	64.546	34.6800	2.0202	9.2124	1.6069	46.770	1.8640	1.3170
2007	1.9024	7.9580	60.724	35.9860	2.1163	10.0298	1.6547	43.800	1.7170	1.4721
2008	2.4191	9.7500	65.930	41.2830	2.0040	13.0667	1.4850	48.285	2.1488	1.3917
2009	1.9803	8.3000	66.507	43.1540	2.0194	10.6660	1.4836	47.986	2.1547	1.4406
2010	1.7200	7.8000	58.300	40.8200	1.7136	8.8625	1.2504	40.170	2.0694	1.3362
2011	1.6737	7.7540	56.754	41.7650	1.6819	10.4830	1.2156	40.991	2.4432	1.2939
2012	1.6045	7.3483	54.107	40.3295	1.6111	11.1727	1.2072	40.347	2.3551	1.3194
2013	1.6762	8.3630	61.289	45.3246	1.7414	14.5660	1.2276	45.178	2.9605	1.3791
2014	1.5525	9.0420	54.436	72.3370	1.6058	14.0353	1.2024	39.910	2.8320	1.2141
2015	1.5923	9.6030	50.999	80.6736	1.5417	16.9530	1.0835	39.248	3.1765	1.0887
2016	1.5158	9.0863	52.268	64.3000	1.5234	14.4570	1.0739	37.726	3.7072	1.0541
<b>Annual averages +</b>										
2003	1.9438	8.0033	61.336	34.6699	1.9703	8.5317	1.5212	46.923	1,694,851	1.1312
2004	1.8731	8.3697	69.727	35.8192	2.1016	8.0092	1.5438	50.077	1,777,052	1.2439
2005	1.7660	8.0092	68.494	35.1884	2.0702	7.9183	1.5483	50.068	6 1.6771	1.2441
2006	1.9373	8.0472	64.379	34.1117	1.9941	8.5312	1.5729	47.594	1.8090	1.2556
2007	1.8627	8.0165	63.026	35.0183	2.0636	9.6596	1.6427	44.214	1.7865	1.3705
2008	2.0770	8.2237	65.172	36.4207	2.0762	12.0590	1.5874	48.475	1.9064	1.4708
2009	2.2121	8.7278	66.338	44.1376	2.0241	11.6737	1.5100	47.804	2.1631	1.3948
2010	1.8377	8.0043	59.739	40.2629	1.8055	9.6984	1.3803	42.014	1.9965	1.3257
2011	1.7600	7.7934	60.260	40.8846	1.7489	10.0970	1.2326	42.429	2.3378	1.3920
2012	1.5867	7.4751	54.246	39.9262	1.6055	10.5511	1.2053	39.928	2.3135	1.2848
2013	1.6206	7.8067	56.428	42.3370	1.6619	12.8330	1.2311	40.830	2.5335	1.3281
2014	1.5995	8.3544	58.979	50.9518	1.6823	14.4037	1.2146	43.147	2.9065	1.3285
2015	1.5930	8.9496	50.522	68.0720	1.5255	14.1723	1.0679	38.028	3.0255	1.1095
2016	1.5886	9.2906	52.556	74.1446	1.5275	16.2645	1.0902	39.043	3.3433	1.1069

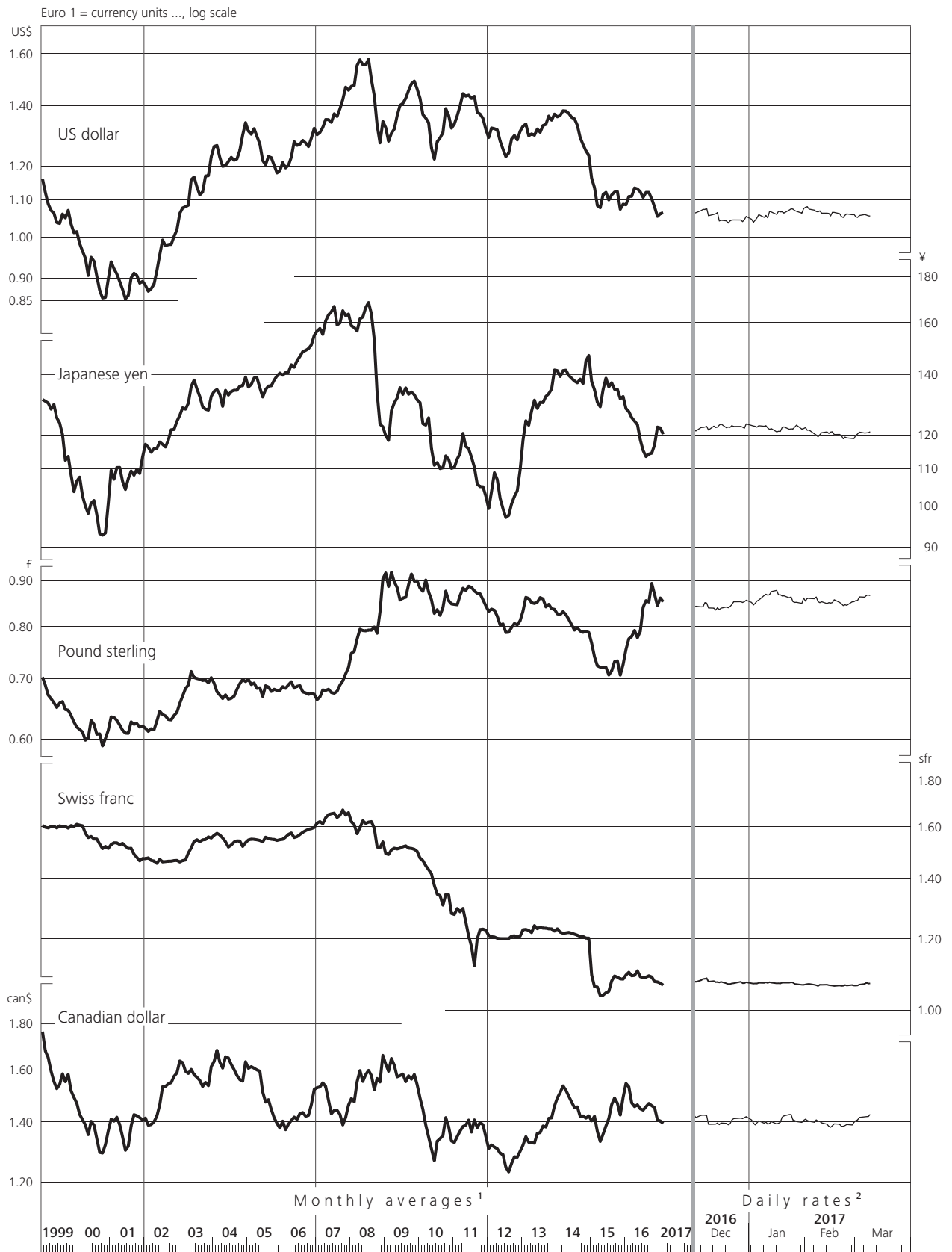
\* See Explanatory notes, p 51. + Averages: Bundesbank calculations based on the daily euro foreign exchange reference rates published by the ECB. <sup>1</sup> Up to March 2005, ECB indicative rates. <sup>2</sup> The ECB has not fixed a euro foreign exchange reference rate for the Icelandic krona since 4 December 2008. <sup>3</sup> Up to December

2008, ECB indicative rates. <sup>4</sup> Up to December 2010, ECB indicative rates. <sup>5</sup> Up to December 2007, ECB indicative rates. <sup>6</sup> Currency conversion effective from 1 January 2005: 1,000,000 Turkish lira (TRL) = 1 New Turkish lira (TRY), designated as Turkish lira (TRY) since 1 January 2009.



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

### 4 Exchange rates of major currencies



### III Effective exchange rates of the euro \*

#### 1 Annual and monthly averages

1999 Q1 = 100

Period	Effective exchange rate of the euro <sup>1</sup>				<i>Memo item</i> Indicators of the German economy's price competitiveness based on consumer price indices					
	EER-19		EER-38		26 selected industrial countries			37 countries	56 countries	
	Nominal	Real, based on consumer price indices	Nominal	Real, based on consumer price indices <sup>2</sup>	Total	Euro-area countries	Non-euro- area countries			
1999	96.3	96.0	96.5	95.8	98.2	100.1	95.9	98.0	97.7	
2000	87.1	86.5	87.9	85.8	92.9	99.0	85.7	91.9	90.8	
2001	87.8	87.1	90.5	86.9	92.9	98.1	86.8	91.4	90.8	
2002	90.1	90.2	95.0	90.5	93.5	96.9	89.6	91.9	91.7	
2003	100.7	101.3	106.9	101.4	97.1	95.8	99.2	96.5	96.7	
2004	104.5	105.0	111.5	105.1	98.5	95.4	103.0	98.0	98.3	
2005	102.9	103.5	109.5	102.5	98.5	95.2	103.4	96.9	96.6	
2006	102.8	103.5	109.4	101.8	98.6	94.9	104.3	96.5	95.8	
2007	106.3	106.2	112.9	103.8	100.9	95.2	109.9	97.9	97.0	
2008	109.4	108.3	117.1	105.8	102.2	94.6	115.0	97.8	97.1	
2009	110.8	109.0	120.0	106.8	101.8	94.5	113.9	98.0	97.5	
2010	103.6	101.3	111.5	97.8	98.8	94.1	106.1	93.6	92.0	
2011	103.3	100.2	112.2	97.2	98.2	93.8	105.1	92.8	91.3	
2012	97.6	95.0	107.0	92.4	95.9	93.2	99.8	89.8	88.2	
2013	101.2	98.2	111.9	95.5	98.3	93.3	106.3	91.6	90.3	
2014	101.8	97.8	114.7	96.1	98.5	93.6	106.2	91.8	91.0	
2015	92.4	88.4	106.5	<b>p</b> 87.8	94.7	93.6	95.9	86.9	<b>p</b> 86.3	
2016	94.8	90.1	110.4	<b>p</b> 90.0	<b>p</b> 95.2	<b>p</b> 93.6	97.2	<b>p</b> 87.8	<b>p</b> 87.4	
2013 May	100.1	97.2	109.7	93.9	98.1	93.3	105.7	91.1	89.3	
June	101.1	98.2	111.8	95.6	98.3	93.3	106.2	91.7	90.3	
July	101.0	98.1	111.8	95.5	98.5	93.4	106.5	91.6	90.3	
Aug	101.7	98.7	113.3	96.7	98.6	93.3	106.9	91.9	90.9	
Sep	101.6	98.4	113.2	96.4	98.5	93.3	106.7	91.7	90.8	
Oct	102.5	99.0	114.1	96.8	98.9	93.4	107.7	92.1	91.1	
Nov	102.2	98.7	114.1	96.6	98.9	93.5	107.4	92.1	91.1	
Dec	103.4	99.9	115.7	98.0	99.3	93.5	108.8	92.8	91.9	
2014 Jan	103.0	99.5	115.8	98.0	99.2	93.5	108.2	92.5	91.9	
Feb	103.2	99.6	116.3	98.2	99.0	93.4	107.9	92.6	92.0	
Mar	104.3	100.6	117.5	99.0	99.3	93.4	108.7	93.1	92.4	
Apr	104.2	100.4	117.0	98.4	99.2	93.5	108.3	93.1	92.2	
May	103.6	99.5	116.1	97.3	98.8	93.5	107.3	92.6	91.5	
June	102.7	98.7	115.1	96.5	98.7	93.6	106.6	92.3	91.2	
July	102.3	98.2	114.7	95.9	98.6	93.8	106.3	92.2	91.0	
Aug	101.5	97.5	114.0	95.3	98.4	93.8	105.6	91.8	90.7	
Sep	99.9	95.9	112.3	93.9	98.0	93.8	104.5	91.0	89.9	
Oct	99.1	95.0	111.8	93.2	97.6	93.7	103.5	90.4	89.4	
Nov	99.0	94.9	111.9	93.2	97.7	93.6	104.0	90.4	89.5	
Dec	99.0	94.8	113.1	93.9	97.6	93.6	103.9	90.2	89.8	
2015 Jan	95.2	91.1	108.9	90.1	95.7	93.5	98.6	88.2	87.5	
Feb	93.3	89.5	107.0	88.7	95.2	93.7	97.0	87.5	86.8	
Mar	90.6	86.9	103.8	85.9	94.2	93.7	94.5	86.1	85.2	
Apr	89.7	86.1	102.4	84.7	94.0	93.7	93.9	85.7	84.5	
May	91.6	87.8	104.7	86.5	94.6	93.7	95.6	86.6	85.6	
June	92.3	88.5	106.0	87.5	94.7	93.5	96.1	86.9	86.1	
July	91.3	87.5	105.1	86.6	94.3	93.5	95.0	86.3	85.6	
Aug	93.0	88.9	108.1	88.9	94.9	93.6	96.4	87.2	87.0	
Sep	93.8	89.6	109.6	90.1	95.1	93.6	97.1	87.6	87.7	
Oct	93.6	89.6	109.0	89.6	95.1	93.6	97.1	87.6	87.4	
Nov	91.1	87.1	106.0	<b>p</b> 86.9	94.1	93.6	94.4	86.3	<b>p</b> 85.9	
Dec	92.5	88.3	108.0	<b>p</b> 88.4	94.3	93.3	95.2	86.7	<b>p</b> 86.5	
2016 Jan	93.6	89.1	109.9	<b>p</b> 89.6	94.5	93.4	95.7	87.2	<b>p</b> 87.3	
Feb	94.7	90.0	111.3	<b>p</b> 90.8	94.9	93.3	96.9	87.5	<b>p</b> 87.7	
Mar	94.1	89.5	110.0	<b>p</b> 89.9	95.0	93.5	96.8	87.4	<b>p</b> 87.3	
Apr	94.8	90.1	110.6	<b>p</b> 90.2	95.4	93.7	97.6	87.9	<b>p</b> 87.6	
May	95.1	90.5	111.1	<b>p</b> 90.7	95.2	93.6	97.3	88.1	<b>p</b> 87.9	
June	94.7	90.2	110.5	<b>p</b> 90.3	95.0	93.6	96.7	87.9	<b>p</b> 87.6	
July	94.9	90.4	110.2	<b>p</b> 89.9	95.2	93.5	97.3	87.9	<b>p</b> 87.3	
Aug	95.2	90.6	110.6	<b>p</b> 90.2	95.3	93.4	97.7	87.9	<b>p</b> 87.4	
Sep	95.4	90.6	110.9	<b>p</b> 90.3	95.5	93.6	98.0	88.0	<b>p</b> 87.6	
Oct	95.5	90.8	110.6	<b>p</b> 90.1	95.8	93.7	98.6	88.2	<b>p</b> 87.5	
Nov	95.0	90.2	110.3	<b>p</b> 89.7	95.2	93.5	97.3	87.7	<b>p</b> 87.1	
Dec	94.2	89.6	109.2	<b>p</b> 88.9	<b>p</b> 95.3	<b>p</b> 93.9	96.9	<b>p</b> 87.8	<b>p</b> 87.1	
2017 Jan	94.4	<b>p</b> 89.7	109.7	<b>p</b> 89.1	<b>p</b> 95.1	<b>p</b> 93.5	<b>p</b> 97.0	<b>p</b> 87.5	<b>p</b> 86.9	
Feb	93.9	<b>p</b> 89.2	108.8	<b>p</b> 88.3	<b>p</b> 94.8	<b>p</b> 93.4	<b>p</b> 96.5	<b>p</b> 87.2	<b>p</b> 86.3	

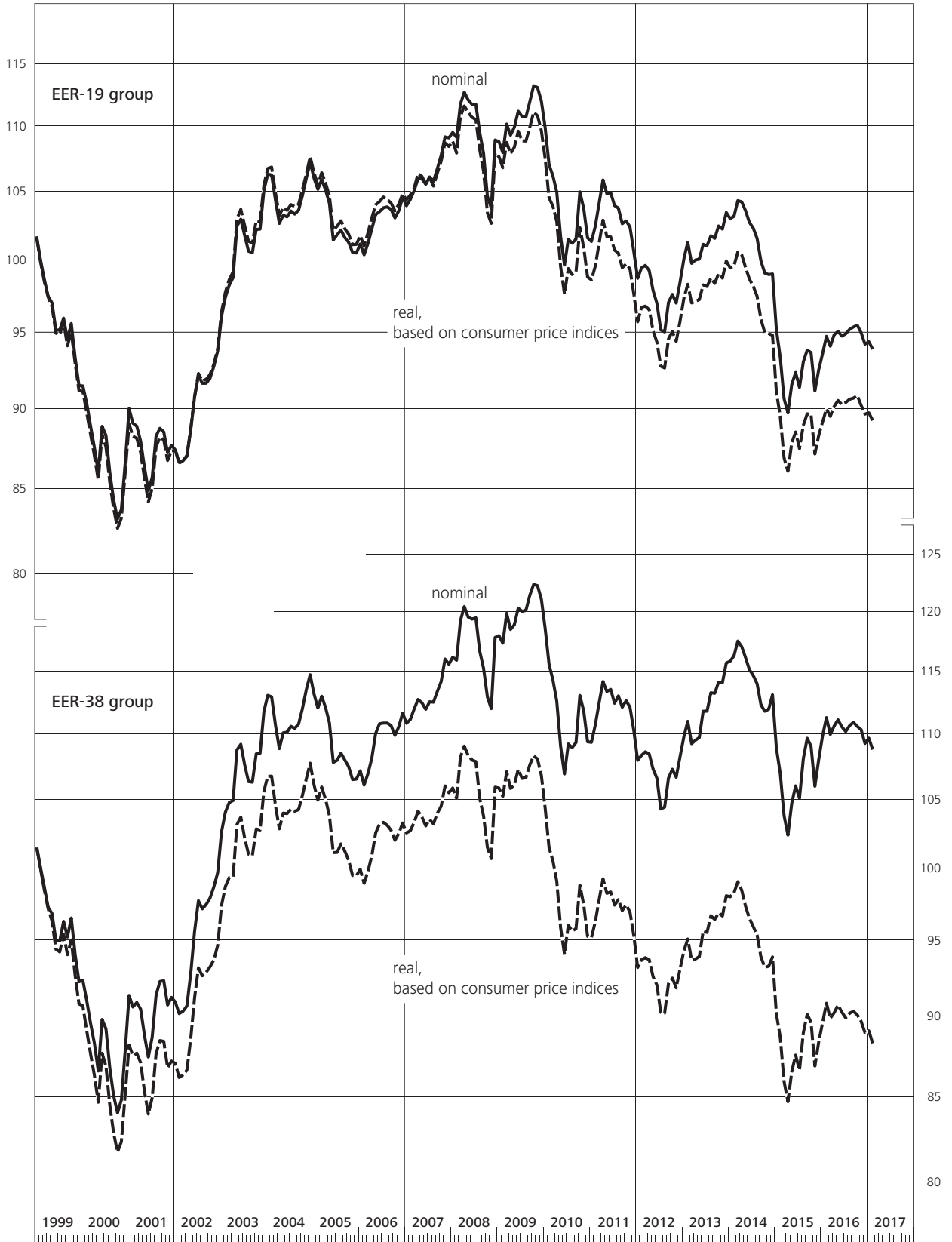
\* See Explanatory notes, p 51. <sup>1</sup> Source: ECB. <sup>2</sup> Data for Argentina are currently not available due to the state of emergency in the national statistical system declared by the government of Argentina on 7 January 2016. As a consequence, Argentina is not

included in the calculation of the EER-38 CPI deflated series from February 2016. The policy regarding the inclusion of Argentina will be reconsidered in the future depending on further developments.

III Effective exchange rates of the euro \*

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

1999 Q1 = 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 2016	Rate at end of month			
					December 2016	January 2017	February 2017	
<b>Afghanistan</b>								
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 67.6255	AFN 66.7732	AFN 66.7790	AFN 67.6843	
		S	USD 1 =	AFN 67.7255	AFN 66.8732	AFN 66.8790	AFN 67.7843	
	AFN	B	EUR 1 =	AFN 74.2813	AFN 69.8750	AFN 71.0850	AFN 71.4736	
		S	EUR 1 =	AFN 74.5413	AFN 70.1350	AFN 71.3450	AFN 71.7336	
	<b>Albania</b>							
	Tirana 070	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 124.35	ALL 128.17	ALL 127.37	ALL 127.45
M			EUR 1 =	ALL 137.39	ALL 135.23	ALL 136.39	ALL 135.08	
<b>Algeria</b>								
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 109.5779	DZD 110.3859	DZD 109.4823	DZD 110.0800	
		S	USD 1 =	DZD 109.5929	DZD 110.4009	DZD 109.4973	DZD 110.0950	
	DZD	B	EUR 1 =	DZD 121.0722	DZD 116.5675	DZD 117.6825	DZD 116.7178	
		S	EUR 1 =	DZD 121.1234	DZD 116.6054	DZD 117.7205	DZD 116.7447	
	<b>Angola <sup>1</sup></b>							
	Luanda 330	Kwanza = 100 cêntimos	B	USD 1 =	AOA 163.205	AOA 165.077	AOA 165.081	AOA 165.082
S			USD 1 =	AOA 164.837	AOA 166.728	AOA 166.732	AOA 166.733	
AOA		B	EUR 1 =	AOA 182.043	AOA 184.475	AOA 184.479	AOA 184.480	
		S	EUR 1 =	AOA 183.827	AOA 186.282	AOA 186.286	AOA 186.287	
<b>Antigua and Barbuda</b>								
St John's 459		East Caribbean dollar = 100 cents	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
	S		USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169	
	XCD	V, B	EUR 1 =	XCD 2.9756	XCD 2.8336	XCD 2.8912	XCD 2.8487	
		V, S	EUR 1 =	XCD 3.0073	XCD 2.8639	XCD 2.9220	XCD 2.8791	
	<b>Argentina</b>							
	Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 14.6816	ARS 15.7900	ARS 15.7970	ARS 15.3800
S			USD 1 =	ARS 14.7816	ARS 15.8900	ARS 15.8970	ARS 15.4800	
ARS		B	EUR 1 =	ARS 16.2264	ARS 16.6253	ARS 17.0181	ARS 16.2367	
		S	EUR 1 =	ARS 16.3739	ARS 16.7703	ARS 17.1656	ARS 16.3809	
<b>Armenia</b>								
Yerevan 077		Armenian dram = 100 luma AMD	M	USD 1 =	AMD 480.52	AMD 483.94	AMD 486.50	AMD 486.70
	M		EUR 1 =	AMD 531.12	AMD 512.20	AMD 521.09	AMD 515.17	
<b>Aruba</b>								
Oranjestad 474	Aruban florin = 100 cent	B	USD 1 =	AWG 1.78	AWG 1.78	AWG 1.78	AWG 1.78	
		S	USD 1 =	AWG 1.80	AWG 1.80	AWG 1.80	AWG 1.80	
	AWG	B	EUR 100 =	AWG 196.87	AWG 187.74	AWG 191.55	AWG 188.74	
		S	EUR 100 =	AWG 198.85	AWG 189.63	AWG 193.48	AWG 190.63	

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<b>Australia</b>							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.7437	USD 0.7236	USD 0.7567	USD 0.7688
		M	AUD 1 =	EUR 0.6741	EUR 0.6872	EUR 0.7075	EUR 0.7260
<b>Austria</b>							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597
<b>Azerbaijan</b>							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 1.5993	AZN 1.7707	AZN 1.9165	AZN 1.7475
		M	EUR 1 =	AZN 1.7664	AZN 1.8644	AZN 2.0500	AZN 1.8505
<b>Bahamas</b>							
Nassau 453	Bahamian dollar = 100 cents BSD	B	USD 1 =	BSD 0.9950	BSD 0.9950	BSD 0.9950	BSD 0.9950
		S	USD 1 =	BSD 1.0125	BSD 1.0125	BSD 1.0125	BSD 1.0125
		V, B	EUR 1 =	BSD 1.10137	BSD 1.04883	BSD 1.07012	BSD 1.05440
		V, S	EUR 1 =	BSD 1.12074	BSD 1.06728	BSD 1.08894	BSD 1.07295
<b>Bahrain</b>							
Manama 640	Bahraini dinar = 1,000 fils BHD	B	USD 1 =	BHD 0.37425	BHD 0.37425	BHD 0.37425	BHD 0.37425
		S	USD 1 =	BHD 0.37750	BHD 0.37750	BHD 0.37750	BHD 0.37750
		B	EUR 1 =	BHD 0.4033858	BHD 0.3823643	BHD 0.3911040	BHD 0.3872628
S	EUR 1 =	BHD 0.4283375	BHD 0.4060157	BHD 0.4152960	BHD 0.4112172		
<b>Bangladesh <sup>1</sup></b>							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 77.9750	BDT 78.0000	BDT 79.0000	BDT 79.1000
		S	USD 1 =	BDT 78.9650	BDT 78.9900	BDT 79.9900	BDT 80.0900
		B	EUR 1 =	BDT 84.7274	BDT 80.2075	BDT 83.5942	BDT 82.5258
		S	EUR 1 =	BDT 88.2358	BDT 83.6575	BDT 87.0442	BDT 85.9758
<b>Barbados</b>							
Bridgetown 469	Barbados dollar = 100 cents BBD	B	USD 1 =	BBD 1.99375	BBD 1.99375	BBD 1.99375	BBD 1.99375
		S	USD 1 =	BBD 2.02768	BBD 2.02768	BBD 2.02768	BBD 2.02768
		B	EUR 1 =	BBD 2.19619	BBD 2.08612	BBD 2.12794	BBD 2.11042
		S	EUR 1 =	BBD 2.23736	BBD 2.12523	BBD 2.16783	BBD 2.14998
<b>Belarus</b>							
Minsk 073	Belarusian rouble = 100 kopecks BYN	M	USD 1 =	BYN 1.9916 <sup>2</sup>	BYN 1.9585	BYN 1.9357	BYN 1.8818
		M	EUR 1 =	BYN 2.2021 <sup>2</sup>	BYN 2.0450	BYN 2.0723	BYN 1.9893

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> Currency conversion effective from 1 July 2016: BYR 10,000 = BYN 1; to calculate

the annual average for 2016, the rates set in (old) Belarusian rouble were converted at a rate of 10,000:1 and included in the calculation.

#### 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<b>Belgium</b>							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597
<b>Belize</b>							
Belmopan 421	Belize dollar = 100 cents BZD	B S	USD 1 =	BZD 1.9825	BZD 1.9825	BZD 1.9825	BZD 1.9825
			USD 1 =	BZD 2.0175	BZD 2.0175	BZD 2.0175	BZD 2.0175
		B S	EUR 1 =	BZD 2.1888	BZD 2.0894	BZD 2.1316	BZD 2.1007
			EUR 1 =	BZD 2.2274	BZD 2.1262	BZD 2.1692	BZD 2.1377
<b>Benin <sup>1</sup></b>							
Porto-Novo Seat of Government: Cotonou 284	CFA franc XOF	V 2	USD 1 =	XOF 592.607	XOF 622.291	XOF 609.909	XOF 619.003
			EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Bermuda</b>							
Hamilton 413	Bermudian dollar = 100 cents BMD	B S	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
			USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
		V, B V, S	EUR 1 =	BMD 1.1025	BMD 1.0499	BMD 1.0712	BMD 1.0555
			EUR 1 =	BMD 1.1117	BMD 1.0586	BMD 1.0801	BMD 1.0643
<b>Bhutan <sup>1</sup></b>							
Thimphu 675	Ngultrum = 100 chhetrum BTN	B S	USD 1 =	BTN 67.04	BTN 67.05	BTN 66.80	BTN 65.60
			USD 1 =	BTN 67.94	BTN 69.25	BTN 69.00	BTN 67.80
		B S	EUR 1 =	BTN 73.90	BTN 70.05	BTN 71.50	BTN 69.40
			EUR 1 =	BTN 74.78	BTN 72.05	BTN 73.45	BTN 71.30
<b>Bolivia, Plurinational State of</b>							
Sucre Seat of Government: La Paz 516	Boliviano = 100 centavos BOB	B S	USD 1 =	BOB 6.86	BOB 6.86	BOB 6.86	BOB 6.86
			USD 1 =	BOB 6.96	BOB 6.96	BOB 6.96	BOB 6.96
		V, B V, S	EUR 1 =	BOB 7.5883	BOB 7.2311	BOB 7.3779	BOB 7.2695
			EUR 1 =	BOB 7.6989	BOB 7.3365	BOB 7.4855	BOB 7.3755
<b>Bosnia and Herzegovina</b>							
Sarajevo 093	Convertible marka = 100 feninga BAM	B S	USD 1 =	BAM 1.768868	BAM 1.850811	BAM 1.835315	BAM 1.842770
			USD 1 =	BAM 1.777735	BAM 1.860089	BAM 1.844515	BAM 1.852006
		B / S	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583
<b>Botswana</b>							
Gaborone 391	Pula = 100 thebe BWP	B S	BWP 1 =	USD 0.0923	USD 0.0937	USD 0.0953	USD 0.0964
			BWP 1 =	USD 0.0921	USD 0.0935	USD 0.0950	USD 0.0961
		B S	BWP 1 =	EUR 0.0836	EUR 0.0889	EUR 0.0886	EUR 0.0910
			BWP 1 =	EUR 0.0834	EUR 0.0887	EUR 0.0884	EUR 0.0908

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<b>Brazil</b>							
Brasília 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 3.4827	BRL 3.2585	BRL 3.1264	BRL 3.0987
		S	USD 1 =	BRL 3.4833	BRL 3.2591	BRL 3.1270	BRL 3.0993
	BRL	B	EUR 1 =	BRL 3.8029	BRL 3.4374	BRL 3.3743	BRL 3.2741
		S	EUR 1 =	BRL 3.8043	BRL 3.4384	BRL 3.3759	BRL 3.2753
<b>Brunei Darussalam <sup>1</sup></b>							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.3729	BND 1.4359	BND 1.4103	BND 1.3950
		S	USD 1 =	BND 1.3939	BND 1.4569	BND 1.4313	BND 1.4160
	BND	B	EUR 1 =	BND 1.4995	BND 1.5015	BND 1.4947	BND 1.4618
		S	EUR 1 =	BND 1.5562	BND 1.5583	BND 1.5515	BND 1.5186
<b>Bulgaria</b>							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.76889	BGN 1.85545	BGN 1.81853	BGN 1.84564
		M	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	V	USD 1 =	XOF 592.607	XOF 622.291	XOF 609.909	XOF 619.003
	XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Burundi</b>							
Bujumbura 328	Burundi franc = 100 centimes	B	USD 1 =	BIF 1,640.7922	BIF 1,671.2487	BIF 1,678.3569	BIF 1,684.6236
		S	USD 1 =	BIF 1,673.9395	BIF 1,705.0113	BIF 1,712.2631	BIF 1,718.6564
	BIF	B	EUR 1 =	BIF 1,808.9191	BIF 1,748.5439	BIF 1,795.5062	BIF 1,783.6794
		S	EUR 1 =	BIF 1,845.4629	BIF 1,783.8681	BIF 1,831.7790	BIF 1,819.7134
<b>Cabo Verde</b>							
Praia 247	Cabo Verde escudo = 100 centavos	B	USD 1 =	CVE 100.009	CVE 105.385	CVE 103.629	CVE 104.050
		S	USD 1 =	CVE 100.211	CVE 105.587	CVE 103.831	CVE 104.252
	CVE	2 B/S	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 4,056	KHR 4,037	KHR 4,035	KHR 4,004
		B	EUR 1 =	KHR 4,477	KHR 4,265	KHR 4,319	KHR 4,237
	S	EUR 1 =	KHR 4,522	KHR 4,308	KHR 4,362	KHR 4,280	
<b>Cameroon <sup>1</sup></b>							
Yaoundé 302	CFA franc	V	USD 1 =	XAF 592.607	XAF 622.291	XAF 609.909	XAF 619.003
	XAF	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 1.3248	CAD 1.3427	CAD 1.3030	CAD 1.3248
		M	EUR 1 =	CAD 1.4585	CAD 1.4169	CAD 1.4063	CAD 1.4066

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<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 0.9224	KYD 0.8784	KYD 0.8963	KYD 0.8831
<b>Central African Republic <sup>1</sup></b>							
Bangui 306	CFA franc XAF	V	USD 1 =	XAF 592.607	XAF 622.291	XAF 609.909	XAF 619.003
		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 592.607	XAF 622.291	XAF 609.909	XAF 619.003
		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 676.30	CLP 667.29	CLP 648.87	CLP 645.19
		M	EUR 1 =	CLP 748.75	CLP 698.51	CLP 694.05	CLP 684.84
<b>China</b>							
Peking / Beijing 720	Chinese yuan renminbi = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.6420	CNY 6.9370	CNY 6.8588	CNY 6.8750
		M	EUR 1 =	CNY 7.3417	CNY 7.3068	CNY 7.3821	CNY 7.2774
		M	HKD 1 =	CNY 0.85648	CNY 0.89451	CNY 0.88415	CNY 0.88580
<b>China (Taiwan)</b>							
Taipei 736	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 32.20	TWD 32.15	TWD 31.28	TWD 30.65
		S	USD 1 =	TWD 32.30	TWD 32.25	TWD 31.38	TWD 30.75
		B	EUR 1 =	TWD 35.46	TWD 33.75	TWD 33.52	TWD 32.27
		S	EUR 1 =	TWD 35.86	TWD 34.15	TWD 33.92	TWD 32.67
<b>Colombia</b>							
Bogotá 480	Colombian peso = 100 centavos COP	M	USD 1 =	COP 3,054.174	COP 3,000.705	COP 2,936.660	COP 2,896.270
		V, M	EUR 1 =	COP 3,378.388	COP 3,163.045	COP 3,158.378	COP 3,069.177
<b>Comoros</b>							
Moroni 375	Comorian franc = 100 centimes KMF	V	USD 1 =	KMF 444.45546	KMF 466.71829	KMF 457.43166	KMF 464.25191
		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 592.607	XAF 622.291	XAF 609.909	XAF 619.003
		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> Explanatory notes on individual countries, see p 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<b>Congo, Democratic Republic of the</b>							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 1,001.9582	CDF 1,191.2769	CDF 1,252.1520	CDF 1,285.2058
		S	USD 1 =	CDF 1,042.8545	CDF 1,239.9004	CDF 1,303.2602	CDF 1,337.6631
	CDF	B	EUR 1 =	CDF 1,101.1857	CDF 1,245.5015	CDF 1,334.6352	CDF 1,362.6489
		S	EUR 1 =	CDF 1,146.1321	CDF 1,296.3383	CDF 1,389.1101	CDF 1,418.2672
<b>Cook Islands <sup>1</sup></b>							
Avarua 837	Cook Islands dollar <sup>2</sup> = 100 cents  NZD	B	NZD 1 =	EUR 0.6477	EUR 0.6778	EUR 0.6982	EUR 0.6952
		S	NZD 1 =	EUR 0.6197	EUR 0.6485	EUR 0.6683	EUR 0.6653
<b>Costa Rica</b>							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 539.45	CRC 548.18	CRC 548.75	CRC 555.19
		S	USD 1 =	CRC 552.06	CRC 561.10	CRC 561.42	CRC 568.16
	CRC	V, B	EUR 1 =	CRC 595.0202	CRC 577.8365	CRC 590.1806	CRC 588.3348
		V, S	EUR 1 =	CRC 608.9289	CRC 591.4555	CRC 603.8072	CRC 602.0792
<b>Côte d'Ivoire <sup>1</sup></b>							
Yamoussoukro Seat of Government: Abidjan 272	CFA franc  XOF	V	USD 1 =	XOF 592.607	XOF 622.291	XOF 609.909	XOF 619.003
		<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 6.793055	HRK 7.147030	HRK 6.979600	HRK 6.999028
		S	USD 1 =	HRK 6.833936	HRK 7.190042	HRK 7.021604	HRK 7.041148
	HRK	B	EUR 1 =	HRK 7.504508	HRK 7.535114	HRK 7.461891	HRK 7.406371
		S	EUR 1 =	HRK 7.549670	HRK 7.580460	HRK 7.506797	HRK 7.450943
<b>Cuba <sup>1</sup></b>							
Havana 448	Convertible peso / Cuban peso = 100 centavos	B	CUC 1 =	USD 1.03360	USD 1.03360	USD 1.03360	USD 1.03360
		S	CUC 1 =	USD 0.96852	USD 0.96852	USD 0.96852	USD 0.96852
	CUC / CUP	B	EUR 1 =	CUC 1.06595	CUC 1.01161	CUC 1.03648	CUC 1.02584
		S	EUR 1 =	CUC 1.13772	CUC 1.07969	CUC 1.10633	CUC 1.09487
<b>Curaçao</b>							
Willemstad 477	Netherlands Antillean guilder = 100 cent	B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 196.48	ANG 187.74	ANG 191.55	ANG 188.74
		S	EUR 100 =	ANG 200.44	ANG 191.52	ANG 195.41	ANG 192.54
<b>Cyprus</b>							
Nicosia 600	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597
<b>Czechia</b>							
Prague 061	Czech koruna = 100 heller  CZK	M	USD 1 =	CZK 24.432	CZK 25.639	CZK 25.120	CZK 25.497
		M	EUR 1 =	CZK 27.043	CZK 27.020	CZK 27.020	CZK 27.020

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> Parity in relation to the New Zealand 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<b>Denmark</b>							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 673.27	DKK 705.28	DKK 691.52	DKK 701.44
			EUR 100 =	DKK 744.51	DKK 743.44	DKK 743.73	DKK 743.32
<b>Djibouti</b>							
Djibouti 338	Djibouti franc = 100 centimes DJF	B	USD 1 =	DJF 176.832	DJF 176.832	DJF 176.832	DJF 176.832
			S	USD 1 =	DJF 179.498	DJF 179.498	DJF 179.498
		B	EUR 1 =	DJF 193.21	DJF 183.50	DJF 187.71	DJF 185.83
			S	EUR 1 =	DJF 201.01	DJF 190.68	DJF 195.02
<b>Dominica</b>							
Roseau 460	East Caribbean dollar = 100 cents XCD	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
			S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169
		V, B	EUR 1 =	XCD 2.9756	XCD 2.8336	XCD 2.8912	XCD 2.8487
			V, S	EUR 1 =	XCD 3.0073	XCD 2.8639	XCD 2.9220
<b>Dominican Republic</b>							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 45.7225	DOP 46.2743	DOP 46.4507	DOP 46.7537
			S	USD 1 =	DOP 46.1276	DOP 46.7213	DOP 46.9279
		B	EUR 1 =	DOP 49.5990	DOP 48.0958	DOP 48.8546	DOP 48.6731
			S	EUR 1 =	DOP 52.9180	DOP 51.7577	DOP 52.3048
<b>Egypt</b>							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 10.1049	EGP 18.0000	EGP 18.7000	EGP 15.7000
			S	USD 1 =	EGP 10.1571	EGP 18.2500	EGP 18.7500
		B	EUR 1 =	EGP 11.0444	EGP 18.8676	EGP 19.9810	EGP 16.5965
			S	EUR 1 =	EGP 11.2018	EGP 19.4381	EGP 20.1825
<b>El Salvador <sup>1</sup></b>							
San Salvador 428	El Salvador colón = 100 centavos SVC	B / S	USD 1 =	SVC 8.75	SVC 8.75	SVC 8.75	SVC 8.75
		V, B / S	EUR 1 =	SVC 9.6854	SVC 9.2234	SVC 9.4106	SVC 9.2724
<b>Equatorial Guinea <sup>1</sup></b>							
Malabo 310	CFA franc XAF	V	USD 1 =	XAF 592.607	XAF 622.291	XAF 609.909	XAF 619.003
		2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
<b>Eritrea</b>							
Asmara 336	Nakfa = 100 cents ERN	B	USD 1 =	ERN 15.00	ERN 15.00	ERN 15.00	ERN 15.00
			S	USD 1 =	ERN 15.70	ERN 15.15	ERN 15.15
		B	EUR 1 =	ERN 16.5083	ERN 15.6810	ERN 15.9915	ERN 15.8745
			S	EUR 1 =	ERN 17.2575	ERN 16.3172	ERN 16.6277
<b>Estonia</b>							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 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 2016	Rate at end of month			
					December 2016	January 2017	February 2017	
<b>Ethiopia</b>								
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 21.7838	ETB 22.4104	ETB 22.5284	ETB 22.6322	
		S	USD 1 =	ETB 22.2195	ETB 22.8586	ETB 22.9790	ETB 23.0848	
	ETB	B	EUR 1 =	ETB 24.0212	ETB 23.6049	ETB 23.9477	ETB 23.9517	
		S	EUR 1 =	ETB 24.5107	ETB 24.0884	ETB 24.4312	ETB 24.4376	
	<b>Falkland Islands (Islas Malvinas)</b>							
	Stanley 529	Falkland Islands pound <sup>2</sup> = 100 pence FKP	V	USD 1 =	FKP 0.74034	FKP 0.81224	FKP 0.80060	FKP 0.80499
V			EUR 1 =	FKP 0.81948	FKP 0.85618	FKP 0.86105	FKP 0.85305	
<b>Fiji</b>								
Suva 815	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.4855	USD 0.4780	USD 0.4906	USD 0.4919	
		S	FJD 1 =	USD 0.4685	USD 0.4610	USD 0.4736	USD 0.4749	
	FJD	B	FJD 1 =	EUR 0.4383	EUR 0.4531	EUR 0.4564	EUR 0.4620	
		S	FJD 1 =	EUR 0.4263	EUR 0.4411	EUR 0.4444	EUR 0.4500	
<b>Finland</b>								
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597	
<b>France</b>								
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597	
<b>Gabon <sup>1</sup></b>								
Libreville 314	CFA franc	V	USD 1 =	XAF 592.607	XAF 622.291	XAF 609.909	XAF 619.003	
	XAF	<sup>3</sup>	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 43.41	GMD 43.77	GMD 44.90	GMD 45.07	
		M	EUR 1 =	GMD 48.60	GMD 47.02	GMD 47.88	GMD 49.38	
<b>Georgia</b>								
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 =	GEL 2.3757	GEL 2.6468	GEL 2.7061	GEL 2.5837	
		M	EUR 1 =	GEL 2.6255	GEL 2.7940	GEL 2.8947	GEL 2.7351	
<b>Germany</b>								
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597	

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> Value (1:1) against 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<b>Ghana</b>							
Accra 276	Ghana cedi = 100 Ghana pesewas	B	USD 1 =	GHS 3.9280	GHS 4.1981	GHS 4.2689	GHS 4.4764
		S	USD 1 =	GHS 3.9319	GHS 4.2023	GHS 4.2732	GHS 4.4808
	GHS	B	EUR 1 =	GHS 4.3326	GHS 4.4340	GHS 4.6058	GHS 4.7505
S		EUR 1 =	GHS 4.3360	GHS 4.4394	GHS 4.6088	GHS 4.7555	
<b>Gibraltar</b>							
Gibraltar 044	Gibraltar pound <sup>2</sup> = 100 pence GIP	V	USD 1 =	GIP 0.74034	GIP 0.81224	GIP 0.80060	GIP 0.80499
		V	EUR 1 =	GIP 0.81948	GIP 0.85618	GIP 0.86105	GIP 0.85305
<b>Greece <sup>1</sup></b>							
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597
<b>Grenada</b>							
St George's 473	East Caribbean dollar = 100 cents	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 2.9756	XCD 2.8336	XCD 2.8912	XCD 2.8487
V, S		EUR 1 =	XCD 3.0073	XCD 2.8639	XCD 2.9220	XCD 2.8791	
<b>Guatemala</b>							
Guatemala City 416	Quetzal = 100 centavos GTQ	M	USD 1 =	GTQ 7.60438	GTQ 7.52213	GTQ 7.47444	GTQ 7.36852
		V, M	EUR 1 =	GTQ 8.39003	GTQ 7.92908	GTQ 8.03876	GTQ 7.80842
<b>Guinea</b>							
Conakry 260	Guinean franc	B	USD 1 =	GNF 8,612.0636	GNF 8,723.3250	GNF 9,000.0000	GNF 8,860.0000
		S	USD 1 =	GNF 9,088.2761	GNF 9,283.9499	GNF 9,450.0000	GNF 9,360.0000
	GNF	B	EUR 1 =	GNF 9,484.4388	GNF 9,118.0554	GNF 9,618.3900	GNF 9,380.7908
S		EUR 1 =	GNF 10,008.4364	GNF 9,704.0487	GNF 10,099.3095	GNF 9,910.1808	
<b>Guinea-Bissau <sup>1</sup></b>							
Bissau 257	CFA franc XOF	V	USD 1 =	XOF 592.607	XOF 622.291	XOF 609.909	XOF 619.003
		3	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 205.98	GYD 205.98	GYD 205.98	GYD 205.98
		S	USD 1 =	GYD 208.44	GYD 208.44	GYD 208.44	GYD 208.44
	GYD	B	EUR 1 =	GYD 227.14	GYD 217.17	GYD 221.31	GYD 218.28
S		EUR 1 =	GYD 230.06	GYD 219.96	GYD 224.15	GYD 221.09	

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> Value (1:1) against 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 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<b>Haiti</b>							
Port-au-Prince 452	Gourde = 100 centimes  HTG	M	USD 1 =	HTG 63.7147	HTG 67.3944	HTG 67.7976	HTG 68.3332
		V, M	EUR 1 =	HTG 70.2563	HTG 71.0404	HTG 72.9163	HTG 72.4127
<b>Honduras</b>							
Tegucigalpa 424	Lempira = 100 centavos  HNL	B	USD 1 =	HNL 22.8835	HNL 23.5029	HNL 23.6225	HNL 23.5464
		S	USD 1 =	HNL 23.0436	HNL 23.6674	HNL 23.7879	HNL 23.7112
		V, B	EUR 1 =	HNL 25.2388	HNL 24.7744	HNL 25.4060	HNL 24.9521
		V, S	EUR 1 =	HNL 25.4155	HNL 24.9478	HNL 25.5839	HNL 25.1268
<b>Hong Kong</b>							
Hong Kong 740	Hong Kong dollar = 100 cents  HKD	B	USD 1 =	HKD 7.74365	HKD 7.73660	HKD 7.73770	HKD 7.74160
		S	USD 1 =	HKD 7.78145	HKD 7.77540	HKD 7.77770	HKD 7.78160
		B	EUR 1 =	HKD 8.52775	HKD 8.11338	HKD 8.30824	HKD 8.19134
		S	EUR 1 =	HKD 8.58753	HKD 8.17312	HKD 8.37546	HKD 8.25856
<b>Hungary</b>							
Budapest 064	Hungarian forint = 100 fillér  HUF	M	USD 1 =	HUF 281.44	HUF 293.69	HUF 290.44	HUF 290.57
		M	EUR 1 =	HUF 311.84	HUF 311.02	HUF 311.00	HUF 307.71
<b>Iceland</b>							
Reykjavik 024	Icelandic krona  ISK	B	USD 1 =	ISK 120.14	ISK 112.55	ISK 115.85	ISK 106.49
		S	USD 1 =	ISK 120.71	ISK 113.09	ISK 116.41	ISK 106.99
		B	EUR 1 =	ISK 133.22	ISK 118.80	ISK 124.00	ISK 112.80
		S	EUR 1 =	ISK 133.96	ISK 119.46	ISK 124.70	ISK 113.44
<b>India <sup>1</sup></b>							
New Delhi 664	Indian rupee = 100 paise  INR	B	USD 1 =	INR 66.81	INR 67.54	INR 67.15	INR 66.40
		S	USD 1 =	INR 67.79	INR 68.39	INR 68.65	INR 67.25
		B	EUR 1 =	INR 73.35	INR 70.75	INR 71.51	INR 69.89
		S	EUR 1 =	INR 75.08	INR 72.32	INR 73.80	INR 71.45
<b>Indonesia</b>							
Jakarta 700	Indonesian rupiah = 100 sen  IDR	B	USD 1 =	IDR 13,243.83	IDR 13,369.00	IDR 13,276.00	IDR 13,280.00
		S	USD 1 =	IDR 13,376.83	IDR 13,503.00	IDR 13,410.00	IDR 13,414.00
		B	EUR 1 =	IDR 14,633.44	IDR 14,089.59	IDR 14,215.94	IDR 14,055.55
		S	EUR 1 =	IDR 14,784.94	IDR 14,233.51	IDR 14,363.45	IDR 14,198.72
<b>Iran, Islamic Republic of <sup>1</sup></b>							
Tehran 616	Iranian rial = 100 dinars  IRR	M	USD 1 =	IRR 31,002	IRR 32,375	IRR 32,366	IRR 32,403
		M	EUR 1 =	IRR 34,194	IRR 34,056	IRR 34,633	IRR 34,311

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

#### 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<b>Iraq</b>							
Baghdad 612	Iraqi dinar = 1,000 fils	B	USD 1 =	IQD 1,180.000	IQD 1,180.000	IQD 1,182.000	IQD 1,182.000
		S	USD 1 =	IQD 1,182.000	IQD 1,182.000	IQD 1,184.000	IQD 1,184.000
	IQD	B	EUR 1 =	IQD 1,301.283	IQD 1,228.784	IQD 1,271.241 V	IQD 1,252.565 V
S		EUR 1 =	IQD 1,301.934	IQD 1,229.398	IQD 1,273.392 V	IQD 1,254.685 V	
<b>Ireland</b>							
Dublin 007	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597
<b>Israel</b>							
Jerusalem 624	New Israeli sheqel = 100 agorot ILS	M	USD 1 =	ILS 3.8406	ILS 3.8450	ILS 3.7690	ILS 3.6590
		M	EUR 1 =	ILS 4.2256	ILS 4.0438	ILS 4.0546	ILS 3.8782
<b>Italy</b>							
Rome 005	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597
<b>Jamaica</b>							
Kingston 464	Jamaican dollar = 100 cents	B	USD 1 =	JMD 125.0655	JMD 127.4806	JMD 127.6191	JMD 127.5329
		S	USD 1 =	JMD 125.7664	JMD 128.4404	JMD 128.2591	JMD 128.1053
	JMD	B	EUR 1 =	JMD 136.03736	JMD 129.7626	JMD 132.8113	JMD 131.0044
S		EUR 1 =	JMD 139.02909	JMD 134.9107	JMD 139.1929	JMD 136.3565	
<b>Japan</b>							
Tokyo 732	Japanese yen = 100 sen	B	USD 1 =	JPY 107.70	JPY 115.49	JPY 112.81	JPY 111.56
		S	USD 1 =	JPY 109.70	JPY 117.49	JPY 114.81	JPY 113.56
	JPY	B	EUR 1 =	JPY 119.13	JPY 121.20	JPY 120.25	JPY 117.48
S		EUR 1 =	JPY 122.13	JPY 124.20	JPY 123.25	JPY 120.48	
<b>Jordan</b>							
Amman 628	Jordanian dinar = 1,000 fils	B	USD 1 =	JOD 0.7080	JOD 0.7080	JOD 0.7080	JOD 0.7080
		S	USD 1 =	JOD 0.7100	JOD 0.7100	JOD 0.7100	JOD 0.7100
	JOD	B	EUR 1 =	JOD 0.77769	JOD 0.73696	JOD 0.75239	JOD 0.74708
S		EUR 1 =	JOD 0.78450	JOD 0.74408	JOD 0.76254	JOD 0.75196	
<b>Kazakhstan</b>							
Astana 079	Tenge = 100 tiyn KZT	M	USD 1 =	KZT 342.02	KZT 333.29	KZT 326.25	KZT 312.47
		M	EUR 1 =	KZT 378.27	KZT 352.42	KZT 348.92	KZT 330.69
<b>Kenya <sup>1</sup></b>							
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 101.4201	KES 102.3872	KES 103.8556	KES 103.2417
		S	USD 1 =	KES 101.6164	KES 102.5844	KES 104.0556	KES 103.4417
	KES	B	EUR 1 =	KES 111.7446	KES 106.9444	KES 111.0367	KES 109.3561
S		EUR 1 =	KES 111.9896	KES 107.1767	KES 111.2800	KES 109.5894	

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<b>Korea, Democratic People's Republic of</b>							
Pyongyang 724	North Korean won = 100 chon	B	USD 1 =	KPW 108.00	KPW 110.87 <sup>2</sup>	KPW 109.08	KPW 109.95 <sup>3</sup>
		S	USD 1 =	KPW 108.82	KPW 111.71 <sup>2</sup>	KPW 109.90	KPW 110.78 <sup>3</sup>
	KPW	B	EUR 1 =	KPW 119.03	KPW 115.55 <sup>2</sup>	KPW 117.43	KPW 116.49 <sup>3</sup>
		S	EUR 1 =	KPW 119.92	KPW 116.42 <sup>2</sup>	KPW 118.31	KPW 117.37 <sup>3</sup>
<b>Korea, Republic of</b>							
Seoul 728	South Korean won = 100 chon	B	USD 1 =	KRW 1,150.51	KRW 1,193.20	KRW 1,150.70	KRW 1,119.00
		S	USD 1 =	KRW 1,173.19	KRW 1,216.80	KRW 1,173.30	KRW 1,141.00
	KRW	B	EUR 1 =	KRW 1,266.75	KRW 1,257.49	KRW 1,236.66	KRW 1,184.43
		S	EUR 1 =	KRW 1,292.34	KRW 1,282.89	KRW 1,261.64	KRW 1,208.35
<b>Kuwait</b>							
Kuwait 636	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.30140	KWD 0.30475	KWD 0.30370	KWD 0.30515
		S	USD 1 =	KWD 0.30463	KWD 0.30835	KWD 0.30730	KWD 0.30725
	KWD	B	EUR 1 =	KWD 0.332598	KWD 0.321466	KWD 0.326720	KWD 0.321353
		S	EUR 1 =	KWD 0.336156	KWD 0.325263	KWD 0.330593	KWD 0.323565
<b>Kyrgyzstan</b>							
Bishkek 083	Kyrgyz som = 100 tyiyn KGS	M	USD 1 =	KGS 69.7909	KGS 69.2301	KGS 69.1338	KGS 69.1298
		M	EUR 1 =	KGS 77.1283	KGS 72.8439	KGS 73.9386	KGS 73.1324
<b>Lao People's Democratic Republic</b>							
Vientiane 684	Kip	B	USD 1 =	LAK 8,110	LAK 8,169	LAK 8,171	LAK 8,185
		S	USD 1 =	LAK 8,146	LAK 8,204	LAK 8,206	LAK 8,222
	LAK	B	EUR 1 =	LAK 8,938	LAK 8,620	LAK 8,555	LAK 8,477
		S	EUR 1 =	LAK 8,980	LAK 8,660	LAK 8,595	LAK 8,516
<b>Latvia</b>							
Riga 054	Euro = 100 cents EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597
<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 1,666.27	LBP 1,596.29	LBP 1,620.41	LBP 1,598.55
<b>Lesotho <sup>1</sup></b>							
Maseru 395	Loti = 100 lisentes LSL	M	USD 1 =	LSL 14.6321	LSL 13.7170	LSL 13.5387	LSL 12.9587
		M	EUR 1 =	LSL 16.2188	LSL 14.4413	LSL 14.4300	LSL 13.7962

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> Exchange rate as of 4 January 2017. <sup>3</sup> Exchange rate as of 1 March 2017.

#### 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<b>Liberia <sup>1</sup></b>							
Monrovia 268	Liberian dollar = 100 cents	B	USD 1 =	LRD 94.33	LRD 102.00	LRD 104.00	LRD 103.00
		S	USD 1 =	LRD 95.33	LRD 103.00	LRD 105.00	LRD 104.00
	LRD	V, B V, S	EUR 1 = EUR 1 =	LRD 104.0004 LRD 105.1035	LRD 107.5182 LRD 108.5723	LRD 111.8520 LRD 112.9275	LRD 109.1491 LRD 110.2088
<b>Libya</b>							
Tripoli 216	Libyan dinar = 1,000 dirham	B	USD 1 =	LYD 1.3904	LYD 1.4379	LYD 1.4209	LYD 1.4246
		S	USD 1 =	LYD 1.3973	LYD 1.4451	LYD 1.4281	LYD 1.4318
	LYD	B	EUR 1 =	LYD 1.5321	LYD 1.5038	LYD 1.5205	LYD 1.5091
		S	EUR 1 =	LYD 1.5398	LYD 1.5114	LYD 1.5281	LYD 1.5167
<b>Lithuania</b>							
Vilnius 055	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597
<b>Luxembourg</b>							
Luxembourg 018	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597
<b>Macao <sup>1</sup></b>							
Macao 743	Pataca = 100 avos	B	USD 1 =	MOP 7.9839	MOP 7.9774	MOP 7.9820	MOP 7.9844
		S	USD 1 =	MOP 8.0158	MOP 8.0094	MOP 8.0140	MOP 8.0164
	MOP	B	EUR 1 =	MOP 8.7839	MOP 8.3638	MOP 8.5184	MOP 8.4379
		S	EUR 1 =	MOP 8.8539	MOP 8.4430	MOP 8.5976	MOP 8.5171
<b>Macedonia, former Yugoslav Republic of</b>							
Skopje 096	Macedonian denar = 100 deni	B	USD 1 =	MKD 55.4361	MKD 58.0341	MKD 57.7517	MKD 57.8138
		S	USD 1 =	MKD 55.9933	MKD 58.6174	MKD 58.3321	MKD 58.3948
	MKD	B S	EUR 1 = EUR 1 =	MKD 61.2875 MKD 61.9035	MKD 61.1738 MKD 61.7886	MKD 61.3900 MKD 62.0070	MKD 61.2074 MKD 61.8226
<b>Madagascar</b>							
Antananarivo 370	Ariary = 5 iraimbilanja  MGA	M  M	USD 1 = EUR 1 =	MGA 3,179.59 MGA 3,508.46	MGA 3,347.94 MGA 3,509.53	MGA 3,200.07 MGA 3,422.71	MGA 3,074.26 MGA 3,252.98
<b>Malawi</b>							
Lilongwe 386	Malawi kwacha = 100 tambala  MWK	B S  B S	USD 1 = USD 1 =  EUR 1 = EUR 1 =	MWK 707.6550 MWK 725.5648  MWK 780.5850 MWK 800.3427	MWK 715.8017 MWK 734.2169  MWK 753.8823 MWK 773.2773	MWK 716.3880 MWK 734.6714  MWK 766.5352 MWK 786.0984	MWK 716.9019 MWK 734.6103  MWK 760.2027 MWK 778.9808

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<b>Malaysia</b>							
Kuala Lumpur Seat of Government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 4.0849	MYR 4.4190	MYR 4.3687	MYR 4.3780
		S	USD 1 =	MYR 4.2091	MYR 4.5490	MYR 4.4973	MYR 4.4970
	MYR	B	EUR 1 =	MYR 4.4830	MYR 4.6398	MYR 4.6510	MYR 4.6081
		S	EUR 1 =	MYR 4.6592	MYR 4.8263	MYR 4.8379	MYR 4.7847
<b>Maldives</b>							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.37	MVR 15.35	MVR 15.42	MVR 15.41
		V, M	EUR 1 =	MVR 16.95186	MVR 16.18044	MVR 16.58421	MVR 16.32998
<b>Mali 1</b>							
Bamako 232	CFA franc XOF	V	USD 1 =	XOF 592.607	XOF 622.291	XOF 609.909	XOF 619.003
		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 1.1069	USD 1.0541	USD 1.0755	USD 1.0597
<b>Mauritania</b>							
Nouakchott 228	Ouguiya = 5 khoums MRO	B	USD 1 =	MRO 351.33	MRO 355.65	MRO 355.99	MRO 356.57
		S	USD 1 =	MRO 354.85	MRO 359.21	MRO 359.56	MRO 360.14
	MRO	B	EUR 1 =	MRO 387.32	MRO 372.43	MRO 381.05	MRO 377.35
		S	EUR 1 =	MRO 391.20	MRO 376.16	MRO 384.87	MRO 381.14
<b>Mauritius</b>							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 35.1574	MUR 35.5152	MUR 35.1794	MUR 35.1237
		S	USD 1 =	MUR 36.3850	MUR 36.8155	MUR 36.4724	MUR 36.4322
	MUR	B	EUR 1 =	MUR 38.7731	MUR 37.3827	MUR 37.6355	MUR 37.1642
		S	EUR 1 =	MUR 40.1439	MUR 38.7635	MUR 39.0291	MUR 38.5628
<b>Mexico</b>							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 18.7528	MXN 20.6320	MXN 20.8125	MXN 20.0880
		S	USD 1 =	MXN 18.7586	MXN 20.6400	MXN 20.8165	MXN 20.0960
	MXN	V, B	EUR 1 =	MXN 20.6145	MXN 21.7482	MXN 22.3838	MXN 21.2873
		V, S	EUR 1 =	MXN 20.6211	MXN 21.7566	MXN 22.3881	MXN 21.2957
<b>Moldova, Republic of</b>							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 19.9399	MDL 19.9814	MDL 20.0393	MDL 19.9990
		M	EUR 1 =	MDL 22.0525	MDL 20.8895	MDL 21.3668	MDL 21.1650
<b>Mongolia</b>							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 2,165.48	MNT 2,489.53	MNT 2,459.44	MNT 2,470.83
		M	EUR 1 =	MNT 2,382.89	MNT 2,605.79	MNT 2,631.48	MNT 2,617.84

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. 1 Explanatory notes on individual countries, see p 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 2016	Rate at end of month			
					December 2016	January 2017	February 2017	
<b>Morocco</b>								
Rabat 204	Moroccan dirham = 100 centimes	B	USD 1 =	MAD 9.7860	MAD 10.0520	MAD 9.9263	MAD 10.0210	
		S	USD 1 =	MAD 9.8449	MAD 10.1130	MAD 9.9860	MAD 10.0810	
	MAD	B	EUR 1 =	MAD 10.811	MAD 10.622	MAD 10.712	MAD 10.645	
		S	EUR 1 =	MAD 10.876	MAD 10.686	MAD 10.776	MAD 10.709	
	<b>Mozambique</b>							
	Maputo 366	Metical = 100 centavos	B	USD 1 =	MZN 63.35	MZN 71.19	MZN 70.37	MZN 69.93
S			USD 1 =	MZN 63.49	MZN 71.29	MZN 70.57	MZN 70.03	
MZN		B	EUR 1 =	MZN 69.84	MZN 74.99	MZN 75.66	MZN 74.03	
		S	EUR 1 =	MZN 69.99	MZN 75.10	MZN 75.87	MZN 74.14	
<b>Myanmar</b>								
Nay Pyi Taw 676		Kyat = 100 pyas MMK	M	USD 1 =	MMK 1,241.08	MMK 1,365.00	MMK 1,350.00	MMK 1,360.00
	M		EUR 1 =	MMK 1,369.15	MMK 1,440.80	MMK 1,444.20	MMK 1,438.90	
<b>Namibia <sup>1</sup></b>								
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 14.6574	NAD 13.6240	NAD 13.5144	NAD 12.9989	
		M	EUR 1 =	NAD 16.1723	NAD 14.3403	NAD 14.4605	NAD 13.7625	
<b>Nepal</b>								
Kathmandu 672	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 107.52	NPR 108.31	NPR 108.42	NPR 106.42	
		S	USD 1 =	NPR 108.12	NPR 108.91	NPR 109.02	NPR 107.02	
	NPR	B	EUR 1 =	NPR 118.49	NPR 114.27	NPR 115.91	NPR 112.64	
		S	EUR 1 =	NPR 119.15	NPR 114.90	NPR 116.55	NPR 113.28	
<b>Netherlands</b>								
Amsterdam Seat of Government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597	
<b>New Caledonia <sup>1</sup></b>								
Nouméa 809	CFP franc XPF	V	XPF 1,000 =	USD 9.28	USD 8.83	USD 9.01	USD 8.88	
		Z	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 0.7109	USD 0.7123	USD 0.7448	USD 0.7336	
		S	NZD 1 =	USD 0.6855	USD 0.6869	USD 0.7186	USD 0.7077	
	NZD	B	NZD 1 =	EUR 0.6477	EUR 0.6778	EUR 0.6982	EUR 0.6952	
		S	NZD 1 =	EUR 0.6197	EUR 0.6485	EUR 0.6683	EUR 0.6653	

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<b>Nicaragua</b>							
Managua 432	Córdoba = 100 centavos  NIO	M	USD 1 =	NIO 28.6774	NIO 29.3247	NIO 29.4465	NIO 29.5569
		V, M	EUR 1 =	NIO 31.63069	NIO 30.91117	NIO 31.66971	NIO 31.32145
<b>Niger 1</b>							
Niamey 240	CFA franc  XOF	V	USD 1 =	XOF 592.607	XOF 622.291	XOF 609.909	XOF 619.003
		2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Nigeria 1</b>							
Abuja 288	Naira = 100 kobo  NGN	B	USD 1 =	NGN 253.31	NGN 304.00	NGN 304.25	NGN 304.50
		S	USD 1 =	NGN 254.31	NGN 305.00	NGN 305.25	NGN 305.50
		B	EUR 1 =	NGN 279.4240	NGN 321.0544	NGN 327.5251	NGN 322.8005
		S	EUR 1 =	NGN 280.5293	NGN 322.1105	NGN 328.6016	NGN 323.8606
<b>Norway</b>							
Oslo 028	Norwegian krone = 100 øre  NOK	B	USD 1 =	NOK 8.3694	NOK 8.6131	NOK 8.2803	NOK 8.3316
		S	USD 1 =	NOK 8.4325	NOK 8.6781	NOK 8.3453	NOK 8.3966
		B	EUR 1 =	NOK 9.2357	NOK 9.0505	NOK 8.8587	NOK 8.8233
		S	EUR 1 =	NOK 9.3054	NOK 9.1225	NOK 8.9307	NOK 8.8953
<b>Oman</b>							
Muscat 649	Rial Omani = 1,000 baisa  OMR	B	USD 1 =	OMR 0.3840	OMR 0.3840	OMR 0.3840	OMR 0.3840
		S	USD 1 =	OMR 0.3850	OMR 0.3850	OMR 0.3850	OMR 0.3850
		B	EUR 1 =	OMR 0.4231360	OMR 0.4013952	OMR 0.4108032	OMR 0.4065792
		S	EUR 1 =	OMR 0.4244048	OMR 0.4024790	OMR 0.4119500	OMR 0.4077920
<b>Pakistan</b>							
Islamabad 662	Pakistani rupee = 100 paisa  PKR	B	USD 1 =	PKR 104.40	PKR 104.60	PKR 104.70	PKR 104.40
		S	USD 1 =	PKR 104.60	PKR 104.80	PKR 104.90	PKR 104.60
		B	EUR 1 =	PKR 115.40	PKR 110.11	PKR 112.05	PKR 110.54
		S	EUR 1 =	PKR 115.62	PKR 110.32	PKR 112.26	PKR 110.75
<b>Panama 1</b>							
Panama City 442	Balboa = 100 centésimos  PAB	3	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
		V	EUR 1 =	PAB 1.1069	PAB 1.0541	PAB 1.0755	PAB 1.0597
<b>Papua New Guinea</b>							
Port Moresby 801	Kina = 100 toea  PGK	B	PGK 1 =	USD 0.3260	USD 0.3225	USD 0.3225	USD 0.3225
		S	PGK 1 =	USD 0.3110	USD 0.3075	USD 0.3075	USD 0.3075
		B	PGK 1 =	EUR 0.2938	EUR 0.3053	EUR 0.2988	EUR 0.3032
		S	PGK 1 =	EUR 0.2791	EUR 0.2906	EUR 0.2844	EUR 0.2883

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. 1 Explanatory notes on individual countries, see p 57 ff. 2 Value against the euro. 3 Parity in relation to 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<b>Paraguay</b>							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 5,672.44	PYG 5,759.23	PYG 5,770.71	PYG 5,458.41
		S	USD 1 =	PYG 5,685.30	PYG 5,774.63	PYG 5,783.06	PYG 5,471.58
	PYG	V, B	EUR 1 =	PYG 6,272.17	PYG 6,020.12	PYG 6,206.40	PYG 5,784.28
		V, S	EUR 1 =	PYG 6,286.42	PYG 6,036.22	PYG 6,219.68	PYG 5,798.23
<b>Peru</b>							
Lima 504	Sol = 100 céntimos	B	USD 1 =	PEN 3.372	PEN 3.352	PEN 3.282	PEN 3.259
		S	USD 1 =	PEN 3.377	PEN 3.360	PEN 3.287	PEN 3.263
	PEN	B	EUR 1 =	PEN 3.628	PEN 3.381	PEN 3.472	PEN 3.380
		S	EUR 1 =	PEN 3.878	PEN 3.601	PEN 3.673	PEN 3.621
<b>Philippines</b>							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 46.87244	PHP 48.99906	PHP 49.04834	PHP 49.48196
		S	USD 1 =	PHP 48.25174	PHP 50.44094	PHP 50.49167	PHP 50.93805
	PHP	B	EUR 1 =	PHP 51.72197	PHP 50.99332	PHP 52.45719	PHP 52.40634
		S	EUR 1 =	PHP 53.24397	PHP 52.49389	PHP 54.00084	PHP 53.94848
<b>Poland</b>							
Warsaw 060	Polish zloty = 100 groszy PLN	M	USD 1 =	PLN 3.9435	PLN 4.1793	PLN 4.0446	PLN 4.0770
		M	EUR 1 =	PLN 4.3757	PLN 4.4240	PLN 4.3308	PLN 4.3166
<b>Portugal</b>							
Lisbon 010	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597
<b>Qatar</b>							
Doha 644	Qatari riyal = 100 dirham QAR	M	USD 1 =	QAR 3.6400	QAR 3.6400	QAR 3.6400	QAR 3.6400
		V, M	EUR 1 =	QAR 4.014	QAR 3.837	QAR 3.915	QAR 3.857
<b>Romania</b>							
Bucharest 066	Romanian leu = 100 bani RON	M	USD 1 =	RON 4.0569	RON 4.3033	RON 4.2072	RON 4.2610
		M	EUR 1 =	RON 4.4934	RON 4.5411	RON 4.5038	RON 4.5160
<b>Russian Federation</b>							
Moscow 075	Russian rouble = 100 kopecks RUB	M	USD 1 =	RUB 66.8335	RUB 60.6569	RUB 60.1618	RUB 57.9371
		M	EUR 1 =	RUB 73.2104	RUB 63.8111	RUB 64.4333	RUB 61.2569

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. 1 Explanatory notes on individual countries, see p 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<b>Rwanda</b>							
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 780.776613	RWF 811.673259	RWF 813.619455	RWF 815.676410
		S	USD 1 =	RWF 796.390569	RWF 827.905085	RWF 829.890201	RWF 831.988290
	RWF	B	EUR 1 =	RWF 862.393156	RWF 851.567000	RWF 870.125326	RWF 863.597399
		S	EUR 1 =	RWF 879.639277	RWF 868.596620	RWF 887.526075	RWF 880.867602
<b>Saint Helena, Ascension and Tristan da Cunha</b>							
Jamestown 329	Saint Helena pound <sup>2</sup> = 100 pence SHP	V	USD 1 =	SHP 0.74034	SHP 0.81224	SHP 0.80060	SHP 0.80499
		V	EUR 1 =	SHP 0.81948	SHP 0.85618	SHP 0.86105	SHP 0.85305
<b>Saint Kitts and Nevis</b>							
Basseterre 449	East Caribbean dollar = 100 cents	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 2.9756	XCD 2.8336	XCD 2.8912	XCD 2.8487
		V, S	EUR 1 =	XCD 3.0073	XCD 2.8639	XCD 2.9220	XCD 2.8791
<b>Saint Lucia</b>							
Castries 465	East Caribbean dollar = 100 cents	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 2.9756	XCD 2.8336	XCD 2.8912	XCD 2.8487
		V, S	EUR 1 =	XCD 3.0073	XCD 2.8639	XCD 2.9220	XCD 2.8791
<b>Saint Vincent and the Grenadines</b>							
Kingstown 467	East Caribbean dollar = 100 cents	B	USD 1 =	XCD 2.6882	XCD 2.6882	XCD 2.6882	XCD 2.6882
		S	USD 1 =	XCD 2.7169	XCD 2.7169	XCD 2.7169	XCD 2.7169
	XCD	V, B	EUR 1 =	XCD 2.9756	XCD 2.8336	XCD 2.8912	XCD 2.8487
		V, S	EUR 1 =	XCD 3.0073	XCD 2.8639	XCD 2.9220	XCD 2.8791
<b>Samoa</b>							
Apia 819	Tala = 100 sene WST	M	WST 1 =	USD 0.38973	USD 0.38722	USD 0.39702	USD 0.39680
		M	WST 1 =	EUR 0.35372	EUR 0.36946	EUR 0.37145	EUR 0.37438
<b>Sao Tome and Principe <sup>1</sup></b>							
São Tomé 311	Dobra = 100 céntimos	B	USD 1 =	STD 22,258.97	STD 23,438.25	STD 23,047.98	STD 23,141.59
		S	USD 1 =	STD 22,592.85	STD 23,789.82	STD 23,393.70	STD 23,488.71
	STD	M	EUR 1 =	STD 24,500.00	STD 24,500.00	STD 24,500.00	STD 24,500.00
<b>Saudi Arabia</b>							
Riyadh 632	Saudi riyal = 100 halalah	B	USD 1 =	SAR 3.7440	SAR 3.7440	SAR 3.7440	SAR 3.7440
		S	USD 1 =	SAR 3.7540	SAR 3.7540	SAR 3.7540	SAR 3.7540
	SAR	B	EUR 1 =	SAR 4.0229	SAR 3.8022	SAR 3.9327	SAR 3.8856
		S	EUR 1 =	SAR 4.2856	SAR 4.0969	SAR 4.1514	SAR 4.1110

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

#### 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<b>Senegal <sup>1</sup></b>							
Dakar 248	CFA franc	V	USD 1 =	XOF 592.607	XOF 622.291	XOF 609.909	XOF 619.003
	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 111.1409	RSD 116.7839	RSD 115.4377	RSD 116.5808
		S	USD 1 =	RSD 111.8098	RSD 117.4867	RSD 116.1325	RSD 117.2824
	RSD	B	EUR 1 =	RSD 122.7830	RSD 123.1019	RSD 123.5876	RSD 123.5407
		S	EUR 1 =	RSD 123.5219	RSD 123.8427	RSD 124.3314	RSD 124.2841
<b>Seychelles</b>							
Victoria 355	Seychelles rupee = 100 cents	B	USD 1 =	SCR 12.9885	SCR 13.3550	SCR 13.1884	SCR 13.1917
		S	USD 1 =	SCR 13.5165	SCR 13.6510	SCR 13.7681	SCR 13.7703
	SCR	B	EUR 1 =	SCR 14.4673	SCR 13.7809	SCR 14.4440	SCR 14.2043
		S	EUR 1 =	SCR 14.8800	SCR 14.3086	SCR 14.7425	SCR 14.5908
<b>Sierra Leone</b>							
Freetown 264	Leone = 100 cents	B	USD 1 =	SLL 6,285.30	SLL 7,123.41	SLL 7,234.56	SLL 7,163.38
		S	USD 1 =	SLL 6,412.28	SLL 7,267.32	SLL 7,380.71	SLL 7,308.10
	SLL	B	EUR 1 =	SLL 6,925.75 V	SLL 7,508.79 V	SLL 7,197.72	SLL 7,582.39
		S	EUR 1 =	SLL 7,065.66 V	SLL 7,660.48 V	SLL 7,343.13	SLL 7,732.83
<b>Singapore <sup>1</sup></b>							
Singapore 706	Singapore dollar = 100 cents SGD	M	USD 1 =	SGD 1.3835	SGD 1.4463	SGD 1.4196	SGD 1.4040
		M	EUR 1 =	SGD 1.5254	SGD 1.5230	SGD 1.5183	SGD 1.4863
<b>Sint Maarten (southern part)</b>							
Philipsburg 479	Netherlands Antillean guilder = 100 cent	B	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
		S	USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B	EUR 100 =	ANG 196.48	ANG 187.74	ANG 191.55	ANG 188.74
		S	EUR 100 =	ANG 200.44	ANG 191.52	ANG 195.41	ANG 192.54
<b>Slovakia</b>							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597
<b>Slovenia</b>							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597
<b>Solomon Islands</b>							
Honiara 806	Solomon Islands dollar = 100 cents SBD	M	SBD 1 =	USD 0.1256	USD 0.1236	USD 0.1263	USD 0.1270
		M	SBD 1 =	EUR 0.1140	EUR 0.1182	EUR 0.1183	EUR 0.1198

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<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 14.5296	ZAR 13.5413	ZAR 13.2288	ZAR 12.8363
		S	USD 1 =	ZAR 14.8471	ZAR 13.8588	ZAR 13.5463	ZAR 13.1538
	ZAR	B	EUR 1 =	ZAR 15.8664	ZAR 14.2268	ZAR 14.2073	ZAR 13.5656
		S	EUR 1 =	ZAR 16.2975	ZAR 14.6515	ZAR 14.6328	ZAR 13.9906
<b>South Sudan <sup>1</sup></b>							
Juba 225	South Sudanese pound = 100 piastres	B	USD 1 =	SSP 30.9462 <sup>2</sup>	SSP .	SSP .	SSP .
		S	USD 1 =	SSP 31.4204 <sup>2</sup>	SSP .	SSP .	SSP .
	SSP	B	EUR 1 =	SSP 34.3887 <sup>2</sup>	SSP .	SSP .	SSP .
		S	EUR 1 =	SSP 34.9252 <sup>2</sup>	SSP .	SSP .	SSP .
<b>Spain</b>							
Madrid 011	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.1069	USD 1.0541	USD 1.0755	USD 1.0597
<b>Sri Lanka</b>							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 144.14	LKR 147.84	LKR 148.51	LKR 149.60
		S	USD 1 =	LKR 147.97	LKR 151.66	LKR 152.24	LKR 153.48
	LKR	B	EUR 1 =	LKR 158.29	LKR 154.93	LKR 157.83	LKR 157.34
		S	EUR 1 =	LKR 164.52	LKR 160.92	LKR 163.85	LKR 163.47
<b>Sudan <sup>1</sup></b>							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 6.1962	SDG 6.5779	SDG 6.6667	SDG 6.6667
		S	USD 1 =	SDG 6.2272	SDG 6.6108	SDG 6.7000	SDG 6.7000
	SDG	B	EUR 1 =	SDG 6.8267	SDG 6.8811	SDG 7.1314	SDG 7.0594
		S	EUR 1 =	SDG 6.8608	SDG 6.9155	SDG 7.1670	SDG 7.0947
<b>Suriname</b>							
Paramaribo 492	Suriname dollar = 100 cent	B	USD 1 =	SRD 6.320	SRD 7.354	SRD 7.447	SRD 7.479
		S	USD 1 =	SRD 6.434	SRD 7.485	SRD 7.572	SRD 7.604
	SRD	B	EUR 1 =	SRD 6.958	SRD 7.687	SRD 7.906	SRD 7.908
		S	EUR 1 =	SRD 7.084	SRD 7.824	SRD 8.029	SRD 8.031
<b>Swaziland <sup>1</sup></b>							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 14.6400	SZL 13.6000	SZL 13.4725	SZL 12.5770
		S	USD 1 =	SZL 14.6839	SZL 13.6500	SZL 13.5225	SZL 12.6270
	SZL	B	EUR 1 =	SZL 16.14487	SZL 14.3167	SZL 14.4048	SZL 13.9102
		S	EUR 1 =	SZL 16.19715	SZL 14.3762	SZL 14.4623	SZL 13.9667
<b>Sweden</b>							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 8.5274	SEK 9.0646	SEK 8.7824	SEK 9.0077
		S	USD 1 =	SEK 8.5949	SEK 9.1321	SEK 8.8499	SEK 9.0752
	SEK	B	EUR 1 =	SEK 9.4489	SEK 9.5504	SEK 9.4314	SEK 9.5544
		S	EUR 1 =	SEK 9.5004	SEK 9.6019	SEK 9.4829	SEK 9.6059

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> Average from January to June 2016.

#### 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<b>Switzerland</b>							
Berne 039	Swiss franc = 100 rappen / centimes CHF	B	USD 1 =	CHF 0.9852	CHF 1.0160	CHF 0.9954	CHF 1.0062
		B	EUR 1 =	CHF 1.0902	CHF 1.0737	CHF 1.0654	CHF 1.0648
<b>Syrian Arab Republic</b>							
Damascus 608	Syrian pound = 100 piastres	B	USD 1 =	SYP 467.91	SYP 497.07	SYP 514.85	SYP 514.85
		S	USD 1 =	SYP 470.72	SYP 500.07	SYP 520.00	SYP 520.00
	SYP	B	EUR 1 =	SYP 515.56	SYP 520.45	SYP 552.12	SYP 543.98
		S	EUR 1 =	SYP 519.18	SYP 524.10	SYP 557.64	SYP 549.42
<b>Tajikistan</b>							
Dushanbe 082	Somoni = 100 diram TJS	M	USD 1 =	TJS 7.8496	TJS 7.8762	TJS 7.9021	TJS 7.9897
		M	EUR 1 =	TJS 8.6825	TJS 8.3070	TJS 8.4031	TJS 8.4595
<b>Tanzania, United Republic of</b>							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B	USD 1 =	TZS 2,166.1774	TZS 2,161.8119	TZS 2,210.9010	TZS 2,215.2475
		S	USD 1 =	TZS 2,187.8392	TZS 2,183.4300	TZS 2,233.0100	TZS 2,237.4000
		B	EUR 1 =	TZS 2,386.6230	TZS 2,258.8772	TZS 2,351.9565	TZS 2,344.1749
		S	EUR 1 =	TZS 2,411.1094	TZS 2,281.6844	TZS 2,376.3692	TZS 2,367.8404
<b>Thailand</b>							
Bangkok 680	Thai baht = 100 satang THB	B	USD 1 =	THB 35.1247	THB 35.6588	THB 35.0093	THB 34.7112
		S	USD 1 =	THB 35.4649	THB 36.0025	THB 35.3723	THB 35.0526
		B	EUR 1 =	THB 38.5268	THB 37.3791	THB 37.2878	THB 36.5358
		S	EUR 1 =	THB 39.2756	THB 38.1362	THB 38.0113	THB 37.2814
<b>Togo <sup>1</sup></b>							
Lomé 280	CFA franc XOF	V	USD 1 =	XOF 592.607	XOF 622.291	XOF 609.909	XOF 619.003
		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 0.4499	USD 0.4442	USD 0.4551	USD 0.4546
		M	TOP 1 =	EUR 0.4071	EUR 0.4222	EUR 0.4243	EUR 0.4280
<b>Trinidad and Tobago</b>							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B	USD 1 =	TTD 6.6274	TTD 6.7381	TTD 6.7393	TTD 6.7018
		S	USD 1 =	TTD 6.6648	TTD 6.7536	TTD 6.7572	TTD 6.7544
		B	EUR 1 =	TTD 7.2338	TTD 6.9817	TTD 7.1613	TTD 7.0161
		S	EUR 1 =	TTD 7.7041	TTD 7.5065	TTD 7.4878	TTD 7.4311

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 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 2016	Rate at end of month		
					December 2016	January 2017	February 2017
<b>Tunisia</b>							
Tunis 212	Tunisian dinar = 1,000 millimes	B	USD 1 =	TND 2.1357	TND 2.2987	TND 2.2595	TND 2.2790
		S	USD 1 =	TND 2.1380	TND 2.3009	TND 2.2617	TND 2.2812
	TND	B	EUR 1 =	TND 2.3595	TND 2.4246	TND 2.4299	TND 2.4144
		S	EUR 1 =	TND 2.3620	TND 2.4271	TND 2.4324	TND 2.4169
<b>Turkey</b>							
Ankara 052	Turkish lira = 100 kuruş	B	USD 1 =	TRY 3.0218	TRY 3.5318	TRY 3.8324	TRY 3.5882
		S	USD 1 =	TRY 3.0272	TRY 3.5382	TRY 3.8393	TRY 3.5946
	TRY	B	EUR 1 =	TRY 3.3408	TRY 3.6939	TRY 4.0983	TRY 3.7963
		S	EUR 1 =	TRY 3.3468	TRY 3.7006	TRY 4.1057	TRY 3.8032
<b>Turkmenistan</b>							
Ashgabat 080	Turkmen manat = 100 tenge TMT	M	USD 1 =	TMT 3.50	TMT 3.50	TMT 3.50	TMT 3.50
		M	EUR 1 =	TMT 3.8696	TMT 3.6943	TMT 3.7436	TMT 3.7016
<b>Uganda</b>							
Kampala 350	Uganda shilling	B	USD 1 =	UGX 3,423.30	UGX 3,605.50	UGX 3,583.51	UGX 3,581.69
		S	USD 1 =	UGX 3,433.30	UGX 3,615.50	UGX 3,593.51	UGX 3,591.69
	UGX	B	EUR 1 =	UGX 3,766.57	UGX 3,781.45	UGX 3,830.06	UGX 3,801.61
		S	EUR 1 =	UGX 3,777.58	UGX 3,791.94	UGX 3,840.74	UGX 3,812.22
<b>Ukraine</b>							
Kyiv 072	Hryvnia = 100 kopyok UAH	M	USD 100 =	UAH 2,558.7328	UAH 2,719.0858	UAH 2,711.9036	UAH 2,705.3672
		M	EUR 100 =	UAH 2,831.1578	UAH 2,842.2604	UAH 2,882.7535	UAH 2,864.1723
<b>United Arab Emirates <sup>1</sup></b>							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils AED	M	USD 1 =	AED 3.6725	AED 3.6725	AED 3.6725	AED 3.6725
		V, M	EUR 1 =	AED 4.0514	AED 3.8712	AED 3.9498	AED 3.8917
<b>United Kingdom <sup>1</sup></b>							
London 006	Pound sterling = 100 pence GBP	M	GBP 1 =	USD 1.3542	USD 1.2303	USD 1.2589	USD 1.2445
		M	EUR 1 =	GBP 0.8227	GBP 0.8583	GBP 0.8587	GBP 0.8538
<b>United States</b>							
Washington 400	US dollar = 100 cents USD	M	EUR 1 =	USD 1.10344	USD 1.0513	USD 1.0795	USD 1.0575
		M	GBP 1 =	USD 1.35493	USD 1.2336	USD 1.2577	USD 1.2380

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

#### 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 2016	Rate at end of month			
					December 2016	January 2017	February 2017	
<b>Uruguay</b>								
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 30.118	UYU 29.256	UYU 28.185	UYU 28.523	
		M	EUR 1 =	UYU 33.3217	UYU 30.7993	UYU 30.4215	UYU 30.1517	
<b>Uzbekistan</b>								
Tashkent 081	Uzbekistan sum = 100 tiyin UZS	M	USD 1 =	UZS 2,973.82	UZS 3,231.48	UZS 3,280.25	UZS 3,404.35	
		M	EUR 1 =	UZS 3,310.38	UZS 3,419.23	UZS 3,522.98	UZS 3,606.16	
<b>Vanuatu</b>								
Port Vila 816	Vatu  VUV	B	USD 1 =	VUV 108.99	VUV 111.17	VUV 108.11	VUV 107.75	
		S	USD 1 =	VUV 114.61	VUV 117.33	VUV 114.10	VUV 113.73	
		B	EUR 1 =	VUV 120.03	VUV 116.81	VUV 115.90	VUV 114.33	
		S	EUR 1 =	VUV 124.65	VUV 121.40	VUV 120.45	VUV 118.82	
<b>Venezuela, Bolivarian Republic of <sup>1</sup></b>								
Caracas 484	Bolívar = 100 céntimos  VEF	2	B	USD 1 =	VEF 9.975	VEF 9.975	VEF 9.975	VEF 9.975
			S	USD 1 =	VEF 10.000	VEF 10.000	VEF 10.000	VEF 10.000
		B	S	EUR 1 =	VEF 11.043023	VEF 10.499685	VEF 10.765020	VEF 10.533600
			S	EUR 1 =	VEF 11.074900	VEF 10.532000	VEF 10.793000	VEF 10.564000
		3	B	USD 1 =	VEF 574.2342	VEF 672.0772	VEF 688.1378	VEF 698.1663
			S	USD 1 =	VEF 575.6734	VEF 673.7617	VEF 689.8625	VEF 699.9161
		B	S	EUR 1 =	VEF 633.275665	VEF 707.428461	VEF 742.638314	VEF 737.263613
			S	EUR 1 =	VEF 635.097637	VEF 709.605822	VEF 744.568596	VEF 739.391368
<b>Viet Nam</b>								
Hanoi 690	Dong = 10 hào = 100 xu  VND	B	S	USD 1 =	VND 22,332	VND 22,720	VND 22,560	VND 22,740
			S	USD 1 =	VND 22,403	VND 22,790	VND 22,630	VND 22,810
		B	S	EUR 1 =	VND 24,544.09	VND 23,823.36	VND 23,948.06	VND 23,982.63
			S	EUR 1 =	VND 24,785.72	VND 24,061.00	VND 24,489.16	VND 24,221.68
<b>Yemen</b>								
Sana'a 653	Yemeni rial = 100 fils  YER	B	S	USD 1 =	YER 241.22	YER 250.00	YER 250.00	YER 250.00
			S	USD 1 =	YER 241.60	YER 250.50	YER 250.50	YER 250.50
		B	S	EUR 1 =	YER 265.85	YER 261.51	YER 267.81	YER 264.74
			S	EUR 1 =	YER 266.27	YER 262.04	YER 268.35	YER 265.27
<b>Zambia</b>								
Lusaka 378	Kwacha = 100 ngwee  ZMW	B	S	USD 1 =	ZMW 10.2260	ZMW 9.8737	ZMW 9.9243	ZMW 9.4536
			S	USD 1 =	ZMW 10.2640	ZMW 9.9208	ZMW 9.9717	ZMW 9.5036
		B	S	EUR 1 =	ZMW 11.2881	ZMW 10.4069	ZMW 10.6765	ZMW 10.0085
			S	EUR 1 =	ZMW 11.3329	ZMW 10.4595	ZMW 10.7286	ZMW 10.0633

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 53. <sup>1</sup> Explanatory notes on individual countries, see p 57 ff. <sup>2</sup> DIPRO (the annual averages relate to the period March to December

2016). <sup>3</sup> DICOM (the annual averages relate to the period March to December 2016).



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	1.88621	1.63839	8.18003	10.7802	12.0833
2009	1.56769	1.08822	10.7045	143.797	0.968007	1.64075	1.61551	8.10688	9.05608	11.3070
2010	1.54003	1.15966	10.1995	125.436	0.997755	1.54142	1.44702	8.64469	9.06742	10.4761
2011	1.53527	1.18654	9.67352	119.321	0.992989	1.56254	1.44453	8.62099	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
2013 Mar	1.49920	1.16987	9.39832	140.999	0.990619	1.52139	1.42738	8.73332	8.71612	9.76134
Apr	1.50900	1.15437	9.35769	147.746	0.974488	1.51986	1.41288	8.60704	8.78194	9.89844
May	1.49877	1.15237	9.26175	151.420	0.985125	1.54958	1.42892	8.59166	8.77408	9.87264
June	1.50396	1.14982	9.29247	148.696	0.987430	1.57594	1.42094	8.57618	9.06569	10.0970
July	1.51326	1.13993	9.35008	148.390	0.995827	1.55669	1.40521	8.49755	8.96604	9.94194
Aug	1.51528	1.14490	9.35060	148.997	0.977536	1.59907	1.40951	8.54022	9.26286	9.99111
Sep	1.53408	1.13594	9.43156	149.957	0.949722	1.57780	1.38865	8.47185	9.21693	9.86368
Oct	1.53804	1.12751	9.44742	151.466	0.959058	1.60402	1.39100	8.40986	9.13734	9.87547
Nov	1.53521	1.12916	9.41540	155.624	0.940751	1.62655	1.38905	8.42197	9.31897	10.0835
Dec	1.54000	1.11732	9.39770	162.162	0.935148	1.63856	1.37291	8.33556	9.41398	10.0229
2014 Jan	1.53420	1.13510	9.37884	157.747	0.932079	1.70588	1.38431	8.46998	9.6609	10.0125
Feb	1.54740	1.12025	9.47230	157.526	0.927257	1.71375	1.36450	8.35988	9.26999	10.0439
Mar	1.54563	1.12100	9.50887	158.968	0.928695	1.70838	1.36633	8.36925	9.25386	10.0571
Apr	1.54969	1.11891	9.54299	158.967	0.921285	1.69800	1.36698	8.35143	9.25566	10.1799
May	1.54047	1.13212	9.50390	156.573	0.920785	1.67403	1.38149	8.45059	9.21837	10.2538
June	1.54589	1.13186	9.51158	156.599	0.907482	1.65039	1.37631	8.43889	9.51158	10.4202
July	1.53131	1.14456	9.44430	157.388	0.907013	1.66759	1.39226	8.53424	9.62001	10.5544
Aug	1.51838	1.15134	9.36040	157.472	0.915131	1.64866	1.38856	8.57979	9.37937	10.5872
Sep	1.48258	1.17824	9.12159	162.150	0.916305	1.66168	1.42046	8.76978	9.56627	10.7314
Oct	1.47833	1.18040	9.08595	163.459	0.923728	1.66681	1.41757	8.78735	10.0216	10.8662
Nov	1.46424	1.17374	8.98368	172.546	0.929973	1.64522	1.41446	8.73218	9.98841	10.8774
Dec	1.44881	1.19332	8.86525	174.733	0.928247	1.68076	1.43301	8.86611	10.7693	11.3176
2015 Jan	1.40980	1.24706	8.65194	166.667	0.934763	1.79285	1.30223	9.28315	11.0159	11.6534
Feb	1.40739	1.25213	8.65194	167.846	0.912176	1.76037	1.33534	9.34833	10.7357	11.7788
Mar	1.37949	1.28217	8.47314	165.691	0.932088	1.74961	1.34197	9.57735	11.1594	11.8956
Apr	1.40642	1.25405	8.59838	166.674	0.911718	1.70444	1.31598	9.35918	10.5145	11.6984
May	1.39050	1.26755	8.50933	172.075	0.911926	1.73326	1.30944	9.45555	10.8198	11.7894
June	1.40639	1.25694	8.59816	172.213	0.894767	1.75433	1.30823	9.37726	11.0497	11.5871
July	1.39470	1.27172	8.53170	172.901	0.895528	1.81966	1.34212	9.48902	11.4474	12.0354
Aug	1.40380	1.25172	8.96933	170.141	0.914997	1.85624	1.35382	9.34143	11.7142	11.8760
Sep	1.40374	1.25300	8.92961	168.378	0.923574	1.88016	1.36640	9.34719	11.9341	11.7748
Oct	1.39687	1.26793	8.86942	168.840	0.910075	1.82753	1.38137	9.45600	11.9096	11.8987
Nov	1.37217	1.29707	8.77855	168.502	0.914411	1.82951	1.41484	9.67661	11.9245	11.9797
Dec	1.38573	1.27283	8.99548	167.116	0.935104	1.91785	1.37478	9.47221	12.2069	11.5742
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

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	
2016 Dec	1	1.35333	1.27348	9.32992	154.821	1.07228	1.80412	1.37092	9.47481	11.4140	12.5047
	2	1.35512	1.27337	9.32201	154.118	1.07379	1.80204	1.37097	9.47364	11.4425	12.4866
	5	1.35781	1.26874	9.35340	154.519	1.06645	1.80208	1.37111	9.43895	11.3984	12.4815
	6	1.35977	1.26678	9.34868	154.578	1.06615	1.80590	1.37160	9.42294	11.3761	12.3985
	7	1.35719	1.26486	9.35200	155.059	1.07769	1.79855	1.37104	9.40778	11.3721	12.3692
	8	1.36103	1.26467	9.36417	154.341	1.07341	1.79942	1.37056	9.40787	11.4003	12.3384
	9	1.34997	1.27850	9.31480	154.504	1.07145	1.77710	1.37494	9.50805	11.4816	12.3468
	12	1.35081	1.27483	9.33916	156.018	1.06918	1.77496	1.37039	9.48101	11.4094	12.4123
	13	1.35184	1.27412	9.32845	155.706	1.06390	1.77362	1.36996	9.47562	11.4028	12.3824
	14	1.35392	1.27200	9.34815	155.931	1.07033	1.77675	1.36746	9.45850	11.4764	12.4106
	15	1.33978	1.28590	9.29100	157.625	1.07328	1.79490	1.38172	9.56069	11.5722	12.4474
	16	1.34052	1.28414	9.31498	158.449	1.07850	1.78798	1.37912	9.54636	11.6373	12.5816
	19	1.34042	1.28614	9.31003	157.271	1.07959	1.79575	1.37647	9.56160	11.6376	12.5183
	20	1.33741	1.29044	9.29593	156.798	1.08340	1.78919	1.37740	9.59352	11.6582	12.5387
	21	1.33953	1.28541	9.30960	157.971	1.08315	1.79510	1.37503	9.55603	11.6022	12.4919
	22	1.34017	1.28319	9.30960	157.537	1.08630	1.80494	1.37407	9.53953	11.6738	12.3470
	23	1.33969	1.28249	9.31029	.	1.09318	1.81327	1.37372	9.53434	11.6615	12.3616
	27	1.33965	1.28257	9.31029	157.248	.	.	1.37796	9.53616	11.6815	12.3490
	28	1.33755	1.28598	9.30241	157.296	1.09348	1.81318	1.37767	9.56133	11.6737	12.3330
	29	1.34009	1.28201	9.31949	156.455	1.09350	1.80751	1.37225	9.53016	11.6353	12.2767
	30	1.34433	1.27534	9.34283	157.018	1.09278	1.80503	1.36826	9.48128	11.5881	12.2295
2017 Jan	3	1.33660	1.28705	9.29627	.	1.08759	1.79612	1.37603	9.56800	11.5851	12.2213
	4	1.34007	1.28396	9.31897	158.035	1.09095	1.78136	1.37612	9.54535	11.5435	12.2630
	5	1.34493	1.28077	9.25018	156.819	1.09295	1.77746	1.37264	9.52136	11.5545	12.1981
	6	1.34967	1.27460	9.34309	156.157	1.09135	1.78372	1.36560	9.47580	11.4545	.
	9	1.34399	1.27804	9.31828	.	1.10471	1.77702	1.36831	9.50074	11.5270	12.1869
	10	1.34599	1.27376	9.32218	156.121	1.10845	1.77778	1.36483	9.46898	11.5595	12.1376
	11	1.34317	1.27884	9.30328	155.807	1.10772	1.77728	1.37043	9.50670	11.5905	12.1801
	12	1.35274	1.26673	9.34815	155.633	1.10113	1.77615	1.36343	9.41708	11.4798	12.1150
	13	1.35125	1.26747	9.31428	155.380	1.10931	1.77487	1.36179	9.42365	11.4808	12.0677
	17	1.35673	1.26987	9.33524	154.830	1.11007	1.77189	1.35836	9.44323	11.4745	12.0828
	18	1.35572	1.27131	9.28005	153.264	1.10365	1.78643	1.35816	9.45358	11.4838	12.0608
	19	1.35340	1.26865	9.29878	155.370	1.09791	1.80394	1.36192	9.43370	11.4423	12.1009
	23	1.35805	1.26743	9.31281	154.655	1.09225	1.80472	1.35656	9.42489	11.3992	12.0111
	24	1.35932	1.26472	9.31914	153.304	1.09139	1.78778	1.35919	9.40460	11.3291	12.0102
	25	1.36017	1.26610	9.35620	154.380	1.08130	1.77843	1.35813	9.41549	11.3256	12.0319
	26	1.35866	1.26978	9.34798	154.018	1.07899	1.78039	1.35554	9.44296	11.3284	11.9823
	27	1.35549	1.26907	.	155.881	1.08149	1.77678	1.35495	9.43788	11.3187	11.9982
	30	1.35439	1.27412	.	154.943	1.08187	1.77331	1.35683	9.47625	11.3089	11.9713
	31	1.35883	1.26344	.	154.363	1.09042	1.77055	1.34918	9.39655	11.2295	11.9779
Feb	1	1.36299	1.26320	.	154.018	1.07755	1.78402	1.34868	9.39443	11.2209	11.9011
	2	1.36483	1.26279	.	153.543	1.07738	1.77687	1.34831	9.39249	11.1852	11.9002
	3	1.35904	1.26528	9.33620	153.571	1.08845	1.76729	1.35496	9.41070	11.2064	11.9061
	6	1.36019	1.26978	9.33593	153.089	1.09020	1.78416	1.35298	9.44367	11.2325	11.9516
	7	1.35626	1.27050	9.32636	151.698	1.09570	1.78579	1.35545	9.44662	11.2869	12.0378
	8	1.35610	1.27154	9.33567	152.426	1.08575	1.78423	1.35515	9.45296	11.2958	12.0532
	9	1.35789	1.27001	9.31984	152.328	1.08147	1.78440	1.35640	9.44207	11.2853	12.0146
	10	1.35402	1.27389	9.31550	153.952	1.08748	1.77024	1.35727	9.47050	11.3459	12.0730
	13	1.35439	1.27424	9.31784	154.265	1.08109	1.77033	1.35818	9.47517	11.3430	12.0569
	14	1.35414	1.27472	9.30527	153.925	1.08648	1.77297	1.35888	9.47867	11.3183	12.0649
	15	1.34991	1.27893	9.27145	154.336	1.08645	1.76623	1.36220	9.50823	11.3215	12.0715
	16	1.35442	1.27152	9.29377	154.201	1.08406	.	1.35564	9.45269	11.2771	12.0606
	17	1.35488	1.27219	9.30882	153.697	1.09124	1.77706	1.35393	9.45662	11.2773	12.0389
	21	1.34984	1.28105	9.29437	153.207	1.08679	1.77491	1.36294	9.52245	11.2909	12.1216
	22	1.34896	1.28314	9.27868	153.215	1.08490	1.77887	1.36758	9.53780	11.3112	12.1427
	23	1.35133	1.27810	9.29152	153.187	1.08306	1.77146	1.36404	9.50074	11.2562	12.1265
	24	1.35498	1.27720	9.30925	152.909	1.07953	1.77557	1.36135	9.49514	11.2859	12.1574
	27	1.35274	1.27773	9.29774	151.709	1.08951	1.77222	1.36207	9.49758	11.2931	12.2103
	28	1.35389	1.27762	9.30016	152.381	1.08834	1.79364	1.36080	9.49677	11.3315	12.2395
Mar	1	1.34846	1.28022	9.27635	152.376	1.09497	1.79858	1.36222	9.51638	11.3451	12.2173
	2	1.34695	1.28111	9.27016	153.553	1.09678	1.80317	1.36258	9.52327	11.3800	12.1782
	3	1.34644	1.27444	9.29454	153.831	1.10139	1.80491	1.36287	9.47382	11.3811	12.2199
	6	1.34917	1.27376	9.30475	153.535	1.10055	1.80842	1.36212	9.46871	11.4222	12.1190
	7	1.34814	1.27471	9.30146	153.688	1.10616	1.80879	1.36755	9.47616	11.4015	12.1361
	8	1.34676	1.27582	9.29817	153.086	1.10853	1.81476	1.36400	9.48389	11.4202	12.1500
	9	1.34654	1.27622	9.30917	154.098	1.10808	1.81958	1.36580	9.48704	11.5444	12.1863

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 2016

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 Zimbabwe	Kosovo Montenegro San Marino		Kiribati Nauru <sup>2</sup> Tuvalu			
<b>Currency board</b>	Djibouti Hong Kong  <b>ECCU</b> <sup>3</sup>  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 Venezuela, Bolivarian Republic of	Cabo Verde Comoros Denmark <sup>4</sup> Sao Tome and Principe  <b>WAEMU</b> <sup>6</sup>  Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo  <b>CAEMC</b> <sup>7</sup>  Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon	Fiji Kuwait Libya Morocco	Bhutan Lesotho Namibia Nepal Swaziland			Samoa Solomon Islands <sup>5</sup>
<b>Stabilised arrangement</b>	Guyana Lebanon Maldives Trinidad and Tobago	Macedonia, former Yugoslav Republic of	Singapore Viet Nam <sup>8</sup>		Bangladesh <sup>8</sup> Bolivia, Plurinational State of <sup>8</sup> Burundi <sup>8</sup> Congo, Democratic Republic of the <sup>8</sup> Nigeria <sup>8</sup> Suriname <sup>8</sup> Yemen <sup>8</sup>	Czechia <sup>9</sup>	Costa Rica <sup>8 10</sup> Lao People's Democratic Republic <sup>8</sup> Sudan <sup>8</sup>
<b>Crawling peg</b>	Honduras Nicaragua		Botswana				
<b>Crawl-like arrangement</b>		Croatia	Iran, Islamic Republic of <sup>8</sup>		Ethiopia <sup>8</sup> Uzbekistan <sup>8</sup>	Dominican Republic <sup>8</sup>	Jamaica <sup>8 10</sup> Mauritania <sup>8 11</sup> Papua New Guinea <sup>8</sup> Sri Lanka <sup>8 10 11</sup> Tunisia <sup>5 10</sup>

VI Global exchange rate arrangements and monetary policy framework \*

As of end-April 2016

Exchange rate arrangement	Monetary Policy Framework					Monetary aggregate target	Inflation-targeting framework	Other 1
	Exchange rate target				Other			
	US dollar	Euro	Exchange rate anchor Composite					
<b>Pegged exchange rate within horizontal bands</b>								Tonga 5
<b>Other managed arrangement</b>	Cambodia Liberia		Syrian Arab Republic			Algeria Belarus China 11 Gambia Guinea Myanmar Rwanda Tajikistan		Angola Azerbaijan Egypt Haiti Kyrgyzstan Malaysia Pakistan South Sudan Vanuatu
<b>Floating</b>						Afghanistan Madagascar Malawi Mozambique Seychelles Sierra Leone Tanzania, United Republic of	Albania Armenia 11 Brazil Colombia Georgia Ghana Guatemala Hungary Iceland India Indonesia Israel Kazakhstan Korea, Republic of Moldova, Republic of New Zealand Paraguay Peru Philippines Romania Serbia South Africa Thailand Turkey Uganda Uruguay 11	Argentina 10 Kenya 10 Mauritius Mongolia 10 Switzerland Ukraine Zambia
<b>Free floating</b>							Australia Canada Chile Japan Mexico 12 Norway Poland Russian Federation Sweden United Kingdom	Somalia United States  <b>EMU</b>  Austria Belgium Cyprus Estonia Finland France Germany Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2016, Table 2, IMF, Washington. \* See Explanatory notes, pp 54–55. 1 Includes countries that have no explicitly stated nominal anchor, but rather monitor various indicators in conducting monetary policy. 2 IMF-member since 12 April 2016. 3 The members participate in the Eastern Caribbean Currency Union. 4 The member participates in the ERM II. 5 The country maintains a de facto exchange rate anchor to a composite. 6 The members participate in the West African Economic and Monetary Union. 7 The members participate in the Central African Economic and Monetary Community.

8 The country maintains a de facto exchange rate anchor to the US dollar. 9 The country maintains a de facto exchange rate anchor to the euro. 10 The central bank has taken preliminary steps toward inflation targeting. 11 The exchange rate arrangement or monetary policy framework was reclassified retroactively, overriding a previously published classification. 12 The exchange rate arrangement was reclassified twice during this reporting period, reverting back to the classification in the previous year's report.

VII ISO currency codes \*

As of end-February 2017

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
			CUP	Cuban peso	Cuba	GNF	Guinean franc	Guinea
AFN	Afghani	Afghanistan	CVE	Cabo Verde escudo	Cabo Verde	GTQ	Quetzal	Guatemala
ALL	Albanian lek	Albania	CZK	Czech koruna	Czechia	GYD	Guyana dollar	Guyana
AMD	Armenian dram	Armenia						
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
						HUF	Hungarian forint	Hungary
			EGP	Egyptian pound	Egypt	IDR	Indonesian rupiah	Indonesia
			ERN	Nakfa	Eritrea	ILS	New Israeli sheqel	Israel
AWG	Aruban florin	Aruba	ETB	Birr	Ethiopia	INR	Indian rupee	India Bhutan
AZN	Azerbaijan manat	Azerbaijan	EUR	Euro	Austria Belgium Cyprus Estonia Finland France Germany Greece Ireland Italy Latvia Lithuania Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain	IQD	Iraqi dinar	Iraq
BAM	Convertible marka	Bosnia and Herzegovina				IRR	Iranian rial	Iran, Islamic Republic of
BBD	Barbados dollar	Barbados				ISK	Icelandic krona	Iceland
BDT	Taka	Bangladesh						
BGN	Bulgarian lev	Bulgaria				JMD	Jamaican dollar	Jamaica
BHD	Bahraini dinar	Bahrain				JOD	Jordanian dinar	Jordan
BIF	Burundi franc	Burundi				JPY	Japanese yen	Japan
BMD	Bermudian dollar	Bermuda						
BND	Brunei dollar	Brunei Darussalam				KES	Kenya shilling	Kenya
BOB	Boliviano	Bolivia, Plurinational State of				KGS	Kyrgyz som	Kyrgyzstan
BRL	Brazilian real	Brazil				KHR	Riel	Cambodia
BSD	Bahamian dollar	Bahamas				KMF	Comorian franc	Comoros
BTN	Ngultrum	Bhutan				KPW	North Korean won	Korea, Democratic People's Republic of
BWP	Pula	Botswana				KRW	South Korean won	Korea, Republic of
BYN	Belarusian rouble	Belarus				KWD	Kuwaiti dinar	Kuwait
BZD	Belize dollar	Belize				KYD	Cayman Islands dollar	Cayman Islands
						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)	LAK	Kip	Lao People's Democratic Republic
CHF	Swiss franc	Switzerland Liechtenstein	GBP	Pound sterling	United Kingdom Guernsey Isle of Man Jersey	LBP	Lebanese pound	Lebanon
CLP	Chilean peso	Chile				LKR	Sri Lanka rupee	Sri Lanka
CNY	Chinese yuan renminbi	China	GEL	Lari	Georgia	LRD	Liberian dollar	Liberia
COP	Colombian peso	Colombia	GHS	Ghana cedi	Ghana	LSL	Loti	Lesotho
CRC	Costa Rican colón	Costa Rica	GIP	Gibraltar pound	Gibraltar	LYD	Libyan dinar	Libya

\* Extracted and compiled from ISO communications. <sup>1</sup> See Explanatory notes on individual countries, p 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 European Monetary Union, 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, ie 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.

### ■ 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 1999 Q1 = 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 2015, 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 2015, pp 40-42).

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<sup>o</sup>

Figures in %

As of August 2015

Trading partner	Calculation period for weights											
	EER-19						EER-38					
	1995 to 1997	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	2010 to 2012	1995 to 1997	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	2010 to 2012
	Period of use of weights											
	Up to end of 1997	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	From 2010	Up to end of 1997	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	From 2010
<b>EER-38 group</b>							100	100	100	100	100	100
<b>EER-19 group</b>	100	100	100	100	100	100						
Australia	0.95	0.87	0.90	0.92	0.91	0.96	0.77	0.71	0.74	0.75	0.73	0.76
Bulgaria	0.32	0.36	0.45	0.55	0.63	0.62	0.26	0.30	0.37	0.44	0.51	0.49
Canada	1.81	1.91	1.91	1.77	1.63	1.52	1.47	1.57	1.57	1.44	1.32	1.21
China	5.48	6.47	9.21	13.82	18.37	22.18	4.44	5.32	7.58	11.20	14.78	17.67
Croatia	0.66	0.54	0.61	0.65	0.63	0.47	0.54	0.44	0.50	0.53	0.51	0.37
Czechia	2.71	2.91	3.65	4.19	5.07	5.18	2.20	2.39	3.01	3.40	4.08	4.12
Denmark	3.19	2.84	2.80	2.72	2.65	2.17	2.59	2.34	2.30	2.20	2.13	1.73
Hong Kong	2.43	2.08	1.87	1.87	1.67	1.78	1.97	1.71	1.54	1.52	1.35	1.42
Hungary	1.88	2.62	3.02	3.16	3.17	2.85	1.52	2.16	2.48	2.56	2.55	2.27
Japan	11.87	10.76	9.21	8.22	7.14	6.69	9.63	8.85	7.58	6.66	5.75	5.33
Korea, Republic of	3.58	3.30	3.41	3.99	3.99	3.97	2.91	2.72	2.81	3.23	3.21	3.16
Norway	1.59	1.42	1.27	1.31	1.33	1.19	1.29	1.17	1.05	1.06	1.07	0.95
Poland	2.92	3.37	3.97	4.88	6.24	6.40	2.37	2.78	3.27	3.95	5.02	5.10
Romania	0.87	0.98	1.36	1.71	1.96	2.08	0.70	0.80	1.12	1.39	1.57	1.66
Singapore	2.26	1.93	1.69	1.74	1.48	1.58	1.84	1.59	1.39	1.41	1.19	1.26
Sweden	5.87	5.34	4.79	5.08	4.84	4.52	4.77	4.39	3.95	4.12	3.90	3.60
Switzerland	8.28	7.27	7.09	6.63	6.61	6.91	6.72	5.98	5.84	5.37	5.32	5.51
United Kingdom	22.67	21.46	20.13	17.61	14.88	12.99	18.40	17.65	16.58	14.26	11.97	10.34
United States	20.66	23.55	22.65	19.15	16.81	15.93	16.77	19.37	18.65	15.51	13.52	12.68
<b>Additional countries in the EER-38 group</b>												
Algeria							0.31	0.28	0.35	0.35	0.38	0.40
Argentina							0.57	0.49	0.27	0.26	0.30	0.38
Brazil							1.50	1.38	1.21	1.24	1.38	1.43
Chile							0.34	0.31	0.32	0.42	0.42	0.41
China (Taiwan)							2.28	2.38	2.09	1.83	1.50	1.52
Iceland							0.05	0.06	0.07	0.08	0.09	0.09
India							1.46	1.35	1.46	1.76	2.15	2.45
Indonesia							1.01	0.78	0.73	0.61	0.62	0.69
Israel							1.06	1.01	0.88	0.72	0.67	0.68
Malaysia							1.21	1.15	1.17	1.13	1.05	1.02
Mexico							0.87	1.18	1.28	1.19	1.20	1.33
Morocco							0.63	0.62	0.57	0.61	0.58	0.59
New Zealand							0.13	0.11	0.13	0.13	0.11	0.10
Philippines							0.40	0.52	0.50	0.42	0.30	0.28
Russian Federation							2.49	1.83	2.22	2.98	3.47	3.49
South Africa							0.94	0.89	0.92	1.03	0.95	0.98
Thailand							1.20	0.99	1.02	1.04	1.10	1.12
Turkey							2.16	2.21	2.30	3.04	3.13	3.26
Venezuela, Bolivarian Republic of							0.23	0.22	0.18	0.16	0.15	0.15

<sup>o</sup> 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.

## ■ 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 yuan 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 yuan 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 (eg 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 2016 (see Table VI, pp 46-47) is based on the IMF's *Annual Report on Exchange Arrangements and Exchange Restrictions 2016*, 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

There is a black market in which, according to financial information providers, the exchange rate was at 600 kwanza to the US dollar at the beginning of December 2016.

## 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 legal 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.

## Gabon

See Explanatory notes on Cameroon.

## Greece

Greece imposed capital controls by way of a decree dated 28 June 2015; these controls have been renewed and amended several times.

## 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

Alongside the official, published exchange rate, there is a different, bureau de change rate. According to the German Embassy in Tehran, it was 37,800 Iranian rials to the US dollar and 40,700 Iranian rials to the euro at the end of February 2017.

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

## 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.

## 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.

## 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

There is a black market in which, according to press reports, the exchange rate was over 420 naira to the US dollar at the end of February 2017.

## Panama

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

## Sao Tome and Principe

The unit of account for 1,000 dobras is 1 conto.

## 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 legal tender.

## Somalia

No exchange rates are available for the Somali shilling.

### **South Sudan**

No exchange rates have been available for the South Sudanese pound since the end of July 2016.

### **Sudan**

There is a black market in which, according to press reports, the exchange rate was around 18 Sudanese pound to the US dollar at the end of February 2017.

### **Swaziland**

The South African rand is likewise legal tender alongside the lilangeni.

### **Togo**

See Explanatory notes on Benin.

### **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**

On 10 March 2016, a new system of foreign exchange controls came into force. The system consists of two exchange rates: one fixed by the state (DIPRO) and a complementary exchange rate (DICOM), which is a controlled fluctuating rate.

#### **Exchange rate application**

#### **DIPRO**

For priority goods, services and remittances as well as for the purchase of food, medicine and basic goods and for the settlement of public external debt. In addition, for payments made in connection with transactions and investments in the areas of health care, sports, culture and sciences and other particularly urgent cases such as payments for stays abroad for academic purposes.

#### **DICOM**

For all transactions that are not included in the DIPRO (eg private trips abroad, applications for foreign currency payments by credit card, sales of foreign currency by diplomatic missions and consulates as well as the sale of foreign currency generated through the export and sale of mineral oil products).

There is still a black market in which, according to press reports, the exchange rate was 4,000 bolivar to the US dollar at the beginning of March 2017.