



Exchange rate statistics January 2014

Statistical Supplement 5
to the Monthly Report

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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

CU	Currency unit(s)
EC	European Community
ECB	European Central Bank
ECU	European Currency Unit
EER	Effective exchange rate
EMU	European Monetary Union
ERM	Exchange Rate Mechanism
EU	European Union
IMF	International Monetary Fund
ISO	International Organization for Standardization
SDR	Special drawing right
SITC	Standard International Trade Classification
SWIFT	Society for Worldwide Interbank Financial Telecommunication

B	Buying rate
M	Middle rate
S	Selling rate
V	Calculated value

e	Estimated
p	Provisional
r	Revised
.	Data unknown, not to be published or not meaningful
–	Nil

Discrepancies in the totals are due to rounding.

I Euro area and exchange rate stability convergence criterion

1 Euro-area 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 ...
1999 January 1	Austria	Austrian schilling	ATS	13.7603
	Belgium	Belgian franc	BEF	40.3399
	Finland	Finnish markka	FIM	5.94573
	France	French franc	FRF	6.55957
	Germany	Deutsche Mark	DEM	1.95583
	Ireland	Irish pound	IEP	0.787564
	Italy	Italian lira	ITL	1,936.27
	Luxembourg	Luxembourg franc	LUF	40.3399
	Netherlands	Dutch guilder	NLG	2.20371
	Portugal	Portuguese escudo	PTE	200.482
	Spain	Spanish peseta	ESP	166.386
2001 January 1	Greece	Greek drachma	GRD	340.750
2007 January 1	Slovenia	Slovenian tolar	SIT	239.640
2008 January 1	Cyprus	Cyprus pound	CYP	0.585274
	Malta	Maltese lira	MTL	0.429300
2009 January 1	Slovakia	Slovak koruna	SKK	30.1260
2011 January 1	Estonia	Estonian kroon	EEK	15.6466
2014 January 1	Latvia	Latvian lats	LVL	0.702804

* Excerpts from official communications and announcements on the euro and Exchange Rate Mechanism II, see pp 51–57.

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	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	353.109	1 340.750	–	–	–	–	–
	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	2 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	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	3 239.640	–	–
	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	4 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	5 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	4 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	6 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 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, while the other currencies are subject to the standard fluctuation band of $\pm 15\%$. For additional unilateral commitments regarding narrower fluctuation bands,

see pp 51–57. 1 Until 31 December 2000; accession to EMU on 1 January 2001. 2 Until 31 December 2010; accession to EMU on 1 January 2011. 3 Until 31 December 2006; accession to EMU on 1 January 2007. 4 Until 31 December 2007; accession to EMU on 1 January 2008. 5 Until 31 December 2013; accession to EMU on 1 January 2014. 6 Until 31 December 2008; accession to EMU on 1 January 2009.

II Euro reference exchange rates of the European Central Bank *

1 Daily rates

EUR 1 = CU ...

		EU member countries								
		Bulgaria	Croatia	Czech Republic	Denmark	Hungary	Latvia ¹	Lithuania	Poland	Romania
Period		Bulgarian lev BGN	Croatian kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Latvian lats LVL	Lithuanian litas LTL	Polish zloty PLN	Romanian leu RON
2013 Oct	1	1.9558	7.6158	25.647	7.4582	296.07	0.7027	3.4528	4.2308	4.4485
	2	1.9558	7.6200	25.606	7.4586	296.70	0.7027	3.4528	4.2190	4.4500
	3	1.9558	7.6250	25.558	7.4597	295.92	0.7026	3.4528	4.2053	4.4371
	4	1.9558	7.6240	25.554	7.4598	296.92	0.7028	3.4528	4.2045	4.4285
	7	1.9558	7.6255	25.513	7.4597	295.83	0.7028	3.4528	4.1951	4.4274
	8	1.9558	7.6255	25.518	7.4599	295.22	0.7026	3.4528	4.1931	4.4357
	9	1.9558	7.6125	25.598	7.4595	296.20	0.7027	3.4528	4.1995	4.4658
	10	1.9558	7.6085	25.529	7.4594	295.52	0.7027	3.4528	4.1958	4.4592
	11	1.9558	7.6040	25.534	7.4593	294.87	0.7027	3.4528	4.1932	4.4476
	14	1.9558	7.6165	25.560	7.4589	295.70	0.7028	3.4528	4.1828	4.4618
	15	1.9558	7.6188	25.615	7.4588	295.32	0.7024	3.4528	4.1811	4.4515
	16	1.9558	7.6220	25.680	7.4589	296.13	0.7025	3.4528	4.1765	4.4503
	17	1.9558	7.6208	25.704	7.4589	294.41	0.7027	3.4528	4.1744	4.4518
	18	1.9558	7.6160	25.782	7.4586	294.43	0.7027	3.4528	4.1808	4.4509
	21	1.9558	7.6195	25.803	7.4593	293.72	0.7030	3.4528	4.1824	4.4423
	22	1.9558	7.6165	25.727	7.4596	294.31	0.7029	3.4528	4.1820	4.4370
	23	1.9558	7.6141	25.817	7.4596	292.24	0.7029	3.4528	4.1783	4.4319
	24	1.9558	7.6245	25.773	7.4596	292.79	0.7030	3.4528	4.1861	4.4485
	25	1.9558	7.6265	25.750	7.4590	292.82	0.7026	3.4528	4.1858	4.4511
	28	1.9558	7.6255	25.732	7.4596	292.73	0.7029	3.4528	4.1855	4.4385
	29	1.9558	7.6245	25.762	7.4589	293.14	0.7028	3.4528	4.1838	4.4420
	30	1.9558	7.6180	25.742	7.4586	293.63	0.7030	3.4528	4.1801	4.4288
	31	1.9558	7.6210	25.729	7.4587	294.89	0.7030	3.4528	4.1783	4.4360
Nov	1	1.9558	7.6200	25.854	7.4584	296.51	0.7027	3.4528	4.1875	4.4393
	4	1.9558	7.6200	25.835	7.4584	295.75	0.7028	3.4528	4.1778	4.4385
	5	1.9558	7.6223	25.833	7.4583	297.00	0.7025	3.4528	4.1802	4.4418
	6	1.9558	7.6235	25.784	7.4593	296.72	0.7025	3.4528	4.1677	4.4346
	7	1.9558	7.6240	26.850	7.4587	295.78	0.7025	3.4528	4.1623	4.4285
	8	1.9558	7.6213	26.966	7.4586	296.22	0.7025	3.4528	4.1801	4.4423
	11	1.9558	7.6218	26.996	7.4586	297.29	0.7028	3.4528	4.2045	4.4535
	12	1.9558	7.6241	27.010	7.4580	298.50	0.7028	3.4528	4.2035	4.4555
	13	1.9558	7.6255	27.055	7.4589	298.66	0.7029	3.4528	4.2020	4.4638
	14	1.9558	7.6278	27.176	7.4589	297.63	0.7030	3.4528	4.1855	4.4523
	15	1.9558	7.6315	27.155	7.4588	298.41	0.7025	3.4528	4.1829	4.4513
	18	1.9558	7.6390	27.117	7.4588	297.06	0.7027	3.4528	4.1756	4.4466
	19	1.9558	7.6428	27.368	7.4585	296.96	0.7028	3.4528	4.1829	4.4488
	20	1.9558	7.6453	27.329	7.4590	296.78	0.7029	3.4528	4.1867	4.4465
	21	1.9558	7.6503	27.197	7.4589	297.46	0.7027	3.4528	4.1923	4.4518
	22	1.9558	7.6453	27.258	7.4586	297.98	0.7028	3.4528	4.1978	4.4490
	25	1.9558	7.6424	27.269	7.4585	298.21	0.7030	3.4528	4.1916	4.4473
	26	1.9558	7.6455	27.329	7.4585	298.72	0.7030	3.4528	4.1987	4.4448
	27	1.9558	7.6433	27.341	7.4586	299.08	0.7029	3.4528	4.2036	4.4376
	28	1.9558	7.6275	27.350	7.4586	299.46	0.7029	3.4528	4.1942	4.4361
	29	1.9558	7.6405	27.391	7.4589	301.10	0.7030	3.4528	4.2060	4.4385
Dec	2	1.9558	7.6338	27.407	7.4598	302.20	0.7030	3.4528	4.1928	4.4360
	3	1.9558	7.6358	27.468	7.4594	302.90	0.7028	3.4528	4.2032	4.4617
	4	1.9558	7.6410	27.458	7.4594	302.49	0.7026	3.4528	4.1983	4.4721
	5	1.9558	7.6400	27.450	7.4596	301.83	0.7028	3.4528	4.1894	4.4660
	6	1.9558	7.6425	27.480	7.4600	302.25	0.7030	3.4528	4.1938	4.4610
	9	1.9558	7.6445	27.498	7.4602	301.57	0.7031	3.4528	4.1867	4.4482
	10	1.9558	7.6425	27.453	7.4604	300.79	0.7031	3.4528	4.1825	4.4525
	11	1.9558	7.6415	27.434	7.4606	302.25	0.7031	3.4528	4.1831	4.4535
	12	1.9558	7.6385	27.475	7.4607	303.49	0.7030	3.4528	4.1823	4.4538
	13	1.9558	7.6283	27.534	7.4611	302.42	0.7030	3.4528	4.1796	4.4573
	16	1.9558	7.6293	27.600	7.4605	299.77	0.7029	3.4528	4.1758	4.4570
	17	1.9558	7.6300	27.657	7.4607	299.30	0.7030	3.4528	4.1790	4.4673
	18	1.9558	7.6360	27.734	7.4606	298.49	0.7028	3.4528	4.1783	4.4723
	19	1.9558	7.6358	27.657	7.4600	299.38	0.7028	3.4528	4.1739	4.4813
	20	1.9558	7.6388	27.660	7.4607	298.83	0.7022	3.4528	4.1653	4.4780
	23	1.9558	7.6395	27.574	7.4612	298.52	0.7022	3.4528	4.1597	4.4810
	24	1.9558	7.6415	27.536	7.4605	297.14	0.7022	3.4528	4.1422	4.4660
	27	1.9558	7.6385	27.445	7.4599	297.27	0.7018	3.4528	4.1515	4.4625
	30	1.9558	7.6250	27.480	7.4603	296.80	0.7025	3.4528	4.1487	4.4707
	31	1.9558	7.6265	27.427	7.4593	297.04	0.702804	3.4528	4.1543	4.4710
2014 Jan	2	1.9558	7.6283	27.481	7.4584	298.63	–	3.4528	4.1693	4.4955
	3	1.9558	7.6280	27.525	7.4586	298.66	–	3.4528	4.1658	4.4879
	6	1.9558	7.6295	27.485	7.4595	299.82	–	3.4528	4.1764	4.4932
	7	1.9558	7.6290	27.454	7.4600	300.75	–	3.4528	4.1776	4.4965
	8	1.9558	7.6290	27.448	7.4605	300.35	–	3.4528	4.1767	4.4926
	9	1.9558	7.6294	27.433	7.4609	299.41	–	3.4528	4.1755	4.5340
	10	1.9558	7.6290	27.392	7.4621	299.24	–	3.4528	4.1749	4.5450
	13	1.9558	7.6274	27.410	7.4620	298.84	–	3.4528	4.1542	4.5240

* See Explanatory notes, p 59. ¹ Accession to EMU on 1 January 2014.

II Euro reference exchange 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	
8.6329	0.83450	1.4388	3.0107	1.3962	8.2972	10.5113	84.8790	2013 Oct 1	
8.6550	0.83410	1.4458	2.9927	1.3988	8.2728	10.4799	84.5920	2	
8.6214	0.83940	1.4500	2.9973	1.4053	8.3205	10.5415	83.9290	3	
8.6732	0.84690	1.4409	2.9926	1.4042	8.3192	10.5406	83.6320	4	
8.7425	0.84370	1.4421	3.0123	1.4010	8.3055	10.5245	83.9120	7	
8.7023	0.84265	1.4316	2.9847	1.3994	8.3133	10.5271	83.8930	8	
8.7445	0.84640	1.4299	2.9800	1.4029	8.2709	10.4801	83.5980	9	
8.8217	0.84810	1.4346	2.9722	1.4053	8.2773	10.4933	82.7890	10	
8.7659	0.84900	1.4318	2.9533	1.4094	8.3004	10.5195	82.8610	11	
8.7988	0.84830	1.4313	2.9507	1.4041	8.2830	10.5179	83.3290	14	
8.7617	0.84635	1.4167	2.9480	1.3975	8.2334	10.4629	83.1440	15	
8.8116	0.84590	1.4227	2.9465	1.4067	8.2725	10.5157	83.8680	16	
8.7781	0.84760	1.4197	2.9599	1.4069	8.3299	10.5935	83.6390	17	
8.7686	0.84515	1.4173	2.9448	1.4089	8.3431	10.6099	83.8350	18	
8.7850	0.84650	1.4139	2.9736	1.4069	8.3309	10.5959	84.1400	21	
8.7626	0.84760	1.4143	2.9886	1.4084	8.3320	10.6012	84.2200	22	
8.7756	0.85160	1.4298	2.9998	1.4189	8.3693	10.6618	84.7840	23	
8.7626	0.85370	1.4354	3.0346	1.4358	8.3998	10.7032	84.8130	24	
8.7351	0.85190	1.4369	3.0121	1.4380	8.3814	10.6820	84.7680	25	
8.7464	0.85340	1.4387	3.0115	1.4396	8.3888	10.6871	84.8060	28	
8.7695	0.85670	1.4505	3.0029	1.4379	8.3855	10.6749	84.6320	29	
8.7820	0.85590	1.4471	3.0135	1.4364	8.3831	10.6644	84.2320	30	
8.8052	0.85020	1.4353	2.9962	1.4251	8.3109	10.5759	83.8680	31	
8.8055	0.84635	1.4265	3.0409	1.4082	8.2381	10.4700	83.3645	Nov 1	
8.7722	0.84560	1.4215	3.0334	1.4048	8.2411	10.4700	84.0280	4	
8.7940	0.84030	1.4157	3.0614	1.4073	8.2281	10.4600	83.4110	5	
8.7874	0.84030	1.4186	3.0716	1.4112	8.2346	10.4778	84.3940	6	
8.7110	0.83210	1.4088	3.0406	1.3940	8.1420	10.3600	83.6520	7	
8.8375	0.83525	1.4193	3.0874	1.4042	8.1822	10.4113	84.3000	8	
8.7967	0.83810	1.4314	3.1002	1.4026	8.1587	10.3843	84.7040	11	
8.9103	0.84470	1.4401	3.1339	1.4097	8.1825	10.4140	85.5560	12	
8.9928	0.83990	1.4409	3.1205	1.4071	8.1735	10.4008	85.1060	13	
8.9740	0.83715	1.4454	3.1255	1.4106	8.1847	10.4177	85.1170	14	
8.9438	0.83770	1.4422	3.1146	1.4085	8.2005	10.4363	84.9600	15	
8.9156	0.83880	1.4378	3.0912	1.4081	8.2328	10.4793	84.2150	18	
8.9613	0.83850	1.4341	3.0623	1.4092	8.2274	10.4668	83.9550	19	
8.9195	0.83765	1.4418	3.0705	1.4145	8.2434	10.4857	84.5230	20	
8.9353	0.83500	1.4536	3.1130	1.4109	8.2082	10.4434	84.7930	21	
8.8948	0.83440	1.4746	3.0918	1.4249	8.2385	10.4802	84.9890	22	
8.8915	0.83480	1.4754	3.0956	1.4272	8.2344	10.4773	84.4560	25	
8.8942	0.83830	1.4861	3.1139	1.4258	8.2530	10.5022	84.6470	26	
8.9100	0.83405	1.4952	3.1311	1.4382	8.2839	10.5406	84.5060	27	
8.9301	0.83215	1.4915	3.1566	1.4376	8.2809	10.5375	84.8280	28	
8.9075	0.83275	1.4934	3.1587	1.4394	8.2956	10.5523	84.9740	29	
8.8904	0.82605	1.4812	3.1645	1.4387	8.2479	10.4934	84.3560	Dec 2	
8.8677	0.82710	1.4873	3.1951	1.4465	8.2717	10.5262	84.6690	3	
8.8382	0.83000	1.5046	3.2274	1.4484	8.2789	10.5384	84.2080	4	
8.8631	0.83130	1.5038	3.2225	1.4487	8.2811	10.5407	83.8650	5	
8.9261	0.83580	1.5065	3.2237	1.4548	8.3103	10.5937	84.1550	6	
8.9554	0.83765	1.5101	3.1885	1.4633	8.3330	10.6396	83.8890	9	
8.9897	0.83645	1.5039	3.1759	1.4604	8.3486	10.6605	83.9149	10	
9.0124	0.84025	1.5123	3.1997	1.4581	8.3565	10.6755	84.3990	11	
9.0604	0.83970	1.5210	3.2051	1.4571	8.3675	10.6803	85.4160	12	
9.0351	0.84370	1.5355	3.2005	1.4626	8.3367	10.6430	85.3350	13	
9.0266	0.84385	1.5400	3.2091	1.4579	8.3651	10.6815	85.0670	16	
9.0412	0.84560	1.5421	3.1891	1.4557	8.3477	10.6595	85.0840	17	
8.9892	0.84010	1.5434	3.1994	1.4621	8.3483	10.6586	85.3840	18	
8.9539	0.83490	1.5445	3.2112	1.4650	8.3011	10.5964	85.2490	19	
8.9905	0.83480	1.5405	3.2489	1.4600	8.2889	10.5890	84.7160	20	
8.9873	0.83770	1.5320	3.2504	1.4524	8.3151	10.6248	84.7030	23	
9.0015	0.83603	1.5330	3.2247	1.4519	8.3081	10.6119	84.5600	24	
8.9785	0.83665	1.5506	3.2519	1.4731	8.3841	10.7126	85.6230	27	
8.9283	0.83640	1.5520	3.2208	1.4764	8.3555	10.6886	85.3040	30	
8.8591	0.83370	1.5423	3.2576	1.4671	8.3491	10.6933	85.3660	31	
8.8832	0.82820	1.5424	3.2753	1.4520	8.2642	10.5904	85.0450	2014 Jan 2	
8.8561	0.83045	1.5156	3.2373	1.4468	8.2569	10.5730	84.8020	3	
8.8687	0.83030	1.5207	3.2400	1.4496	8.2327	10.5479	84.6660	6	
8.8573	0.83115	1.5280	3.2241	1.4585	8.2554	10.5776	84.8300	7	
8.8964	0.82770	1.5212	3.2246	1.4692	8.2249	10.5416	84.3200	8	
8.9260	0.82575	1.5343	3.2641	1.4780	8.2404	10.5554	84.5410	9	
8.8820	0.82800	1.5265	3.2511	1.4777	8.2230	10.5367	84.1100	10	
8.8713	0.83170	1.5066	3.2124	1.4897	8.2531	10.5882	83.9270	13	

II Euro reference exchange 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		
2013	Oct	1	15,390.11	4.7874	132.60	1,456.51	4.3855	17.8057	1.6363	8.1310	
		2	15,305.17	4.7774	131.76	1,452.74	4.3625	17.8303	1.6410	8.1320	
		3	15,362.70	4.8108	132.81	1,455.90	4.3437	17.9098	1.6412	8.1090	
		4	15,281.81	4.8215	132.03	1,458.03	4.3207	17.8150	1.6366	8.1145	
		7	15,225.87	4.8128	131.46	1,455.45	4.3228	17.8770	1.6394	8.1270	
		8	15,153.04	4.8351	131.94	1,458.12	4.3274	17.7394	1.6303	8.0820	
		9	15,068.43	4.8208	131.55	1,453.88	4.3222	17.8128	1.6269	8.1100	
		10	15,057.06	4.8135	132.37	1,451.29	4.3120	17.7810	1.6395	8.1900	
		11	14,790.73	4.8136	133.38	1,452.65	4.3124	17.7186	1.6261	8.1285	
		14	14,812.70	4.8000	133.19	1,454.56	4.3150	17.6773	1.6228	8.1325	
		15	14,760.61	4.7860	132.89	1,439.53	4.2928	17.5426	1.6120	8.1180	
		16	14,900.12	4.8117	133.38	1,448.09	4.3013	17.5812	1.6122	8.1365	
		17	14,835.57	4.8196	133.64	1,451.90	4.3049	17.5324	1.6080	8.1150	
		18	15,502.27	4.8308	133.73	1,451.88	4.3197	17.4977	1.6125	8.0985	
		21	14,864.23	4.8354	134.17	1,451.79	4.3320	17.5843	1.6148	8.0920	
		22	14,817.95	4.8211	134.52	1,451.03	4.3392	17.7718	1.6166	8.1335	
		23	15,081.82	4.8406	133.95	1,455.81	4.3562	17.7886	1.6436	8.1360	
		24	14,961.56	4.8720	134.32	1,465.34	4.3454	17.9741	1.6503	8.1210	
		25	15,175.04	4.8658	134.15	1,464.88	4.3488	17.8719	1.6601	8.1370	
		28	15,234.68	4.8651	134.65	1,462.91	4.3220	17.7631	1.6621	8.1300	
		29	15,286.09	4.8490	134.88	1,463.17	4.3304	17.7841	1.6667	8.1195	
		30	15,276.59	4.8387	135.11	1,456.81	4.3290	17.7178	1.6632	8.0800	
		31	15,375.34	4.8040	133.99	1,446.55	4.3043	17.6733	1.6450	8.1040	
	Nov		1	15,308.20	4.7703	132.90	1,434.27	4.2923	17.6703	1.6343	8.0460
			4	15,335.55	4.7695	133.28	1,435.16	4.2929	17.5770	1.6260	8.0165
			5	15,321.19	4.7633	132.59	1,431.71	4.2819	17.6326	1.6192	8.0520
			6	15,250.44	4.7695	133.33	1,433.22	4.2971	17.7106	1.6079	8.0505
			7	15,228.60	4.7341	132.00	1,418.99	4.2503	17.5449	1.5945	8.0160
			8	15,323.63	4.7428	131.58	1,427.51	4.2690	17.7168	1.6101	8.1755
			11	15,483.47	4.7341	132.86	1,436.57	4.2858	17.6466	1.6262	8.2065
			12	15,468.68	4.7385	133.87	1,441.28	4.3148	17.7464	1.6333	8.2995
		13	15,319.84	4.7390	133.27	1,438.53	4.3085	17.6696	1.6283	8.3380	
		14	15,309.83	4.7431	134.26	1,437.48	4.3064	17.5555	1.6281	8.3310	
		15	15,640.52	4.7410	134.99	1,431.79	4.3103	17.4647	1.6216	8.2535	
		18	15,723.75	4.7585	135.23	1,427.73	4.3053	17.4356	1.6152	8.2685	
		19	15,658.94	4.7514	134.89	1,425.20	4.2916	17.4365	1.6195	8.2285	
		20	15,571.02	4.7954	135.20	1,429.66	4.3021	17.5310	1.6275	8.2280	
	21	15,765.61	4.8045	135.83	1,431.41	4.3178	17.6655	1.6393	8.2065		
	22	15,509.47	4.8106	136.74	1,434.85	4.3539	17.6167	1.6575	8.2065		
	25	15,878.01	4.8161	137.57	1,432.79	4.3506	17.5598	1.6458	8.2755		
	26	15,935.30	4.7992	137.34	1,437.19	4.3625	17.7212	1.6528	8.2685		
	27	16,038.43	4.8107	138.43	1,447.24	4.3922	17.8203	1.6638	8.2530		
	28	16,025.14	4.8074	139.06	1,442.46	4.3936	17.8184	1.6668	8.2760		
	29	15,980.55	4.7933	139.21	1,440.32	4.3905	17.7743	1.6698	8.3200		
Dec		2	15,931.87	4.7796	139.16	1,432.49	4.3437	17.7877	1.6507	8.3095	
		3	15,945.05	4.7818	139.31	1,440.34	4.3667	17.9796	1.6457	8.2900	
		4	16,174.91	4.7883	139.31	1,442.72	4.3834	17.8511	1.6585	8.3105	
		5	16,245.79	4.7925	138.73	1,441.59	4.3883	17.7086	1.6565	8.4035	
		6	16,298.17	4.7922	139.63	1,444.01	4.4192	17.8348	1.6663	8.4340	
		9	16,240.30	4.8040	141.33	1,440.61	4.4031	17.6094	1.6587	8.4285	
		10	16,371.02	4.8061	141.35	1,444.26	4.4094	17.6749	1.6529	8.4015	
		11	16,399.75	4.8209	141.22	1,446.71	4.4249	17.7439	1.6701	8.4215	
		12	16,596.36	4.8266	141.51	1,448.33	4.4466	17.8772	1.6562	8.4765	
		13	16,496.17	4.8066	141.93	1,446.78	4.4425	17.7782	1.6691	8.4900	
		16	16,507.61	4.8281	141.87	1,450.66	4.4626	17.8013	1.6673	8.4345	
		17	16,471.30	4.8274	141.61	1,448.07	4.4714	17.7864	1.6626	8.4600	
		18	16,594.88	4.8230	141.61	1,448.32	4.4808	17.8211	1.6660	8.3795	
		19	16,525.38	4.8063	142.55	1,449.92	4.4770	17.7312	1.6715	8.3830	
	20	16,651.42	4.8028	142.66	1,450.05	4.4898	17.8300	1.6725	8.4160		
	23	16,607.59	4.7972	142.38	1,453.63	4.5117	17.7681	1.6697	8.3975		
	24	16,622.42	4.7646	142.66	1,449.52	4.5085	17.7663	1.6715	8.4345		
	27	16,830.69	4.8080	145.02	1,456.69	4.5416	18.1236	1.6893	8.4475		
	30	16,839.12	4.7943	145.02	1,454.26	4.5408	18.0096	1.6866	8.4255		
	31	16,764.78	4.7880	144.72	1,450.93	4.5221	18.0731	1.6762	8.3630		
2014	Jan	2	16,597.95	4.7697	143.82	1,436.12	4.4954	17.9384	1.6754	8.4025	
		3	16,533.20	4.7749	142.46	1,438.67	4.4760	17.8210	1.6434	8.3585	
		6	16,546.23	4.7646	142.28	1,449.01	4.4681	17.8526	1.6431	8.3900	
		7	16,431.21	4.7725	142.43	1,455.52	4.4798	17.8083	1.6455	8.3850	
		8	16,371.55	4.7635	142.33	1,450.38	4.4526	17.7055	1.6373	8.4110	
		9	16,593.03	4.7694	142.92	1,447.42	4.4620	17.8639	1.6495	8.4075	
		10	16,325.80	4.7506	142.67	1,443.48	4.4423	17.7718	1.6527	8.4025	
	13	16,157.79	4.7644	141.37	1,444.41	4.4550	17.7642	1.6328	8.3620		

* See Explanatory notes, p 59.

II Euro reference exchange rates of the European Central Bank *

Philippines	Russian Federation	Singapore	South Africa	Switzerland	Thailand	Turkey	United States	Period
Philippine peso PHP	Russian rouble RUB	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY	US dollar USD	
58.692	43.6540	1.6970	13.6385	1.2253	42.234	2.7270	1.3554	2013 Oct 1
58.699	43.6318	1.6917	13.6652	1.2241	42.287	2.7275	1.3515	2
58.570	43.6915	1.6975	13.7250	1.2276	42.522	2.7241	1.3594	3
58.659	43.7317	1.6942	13.5862	1.2271	42.546	2.7152	1.3593	4
58.501	43.8104	1.6934	13.6152	1.2262	42.592	2.7087	1.3572	7
58.558	43.7462	1.6944	13.4645	1.2284	42.565	2.6939	1.3576	8
58.346	43.7300	1.6918	13.5072	1.2313	42.488	2.6857	1.3515	9
58.429	43.6864	1.6918	13.4895	1.2311	42.450	2.6800	1.3532	10
58.401	43.7275	1.6901	13.3883	1.2314	42.434	2.6837	1.3566	11
58.442	43.7873	1.6886	13.4792	1.2334	42.462	2.6929	1.3564	14
58.084	43.5645	1.6770	13.4201	1.2361	42.206	2.6828	1.3493	15
58.494	43.6995	1.6869	13.5110	1.2341	42.412	2.6929	1.3561	16
58.812	43.7360	1.6948	13.4557	1.2327	42.380	2.6890	1.3662	17
58.863	43.5830	1.6934	13.3871	1.2343	42.489	2.6903	1.3684	18
59.034	43.6220	1.6968	13.4597	1.2352	42.500	2.7021	1.3667	21
59.030	43.6458	1.6968	13.5075	1.2355	42.612	2.7109	1.3674	22
59.255	43.7066	1.7051	13.4643	1.2307	42.865	2.7160	1.3752	23
59.478	43.7548	1.7074	13.4828	1.2303	42.986	2.7316	1.3805	24
59.243	43.8000	1.7035	13.5502	1.2348	42.842	2.7367	1.3777	25
59.389	43.9035	1.7062	13.5620	1.2343	42.817	2.7373	1.3784	28
59.317	44.1140	1.7075	13.6012	1.2358	42.763	2.7388	1.3768	29
59.340	44.0089	1.7022	13.5765	1.2347	42.709	2.7358	1.3755	30
58.971	43.7777	1.6897	13.6151	1.2333	42.462	2.7167	1.3641	31
58.548	43.6018	1.6783	13.7113	1.2310	42.134	2.7252	1.3505	Nov 1
58.589	43.8245	1.6792	13.7488	1.2321	42.244	2.7273	1.3506	4
58.374	43.6960	1.6745	13.8124	1.2297	42.155	2.7332	1.3494	5
58.576	43.7520	1.6791	13.8030	1.2321	42.261	2.7428	1.3517	6
57.815	43.2540	1.6618	13.6875	1.2298	41.870	2.7102	1.3365	7
57.976	43.7160	1.6679	13.7370	1.2302	42.093	2.7178	1.3431	8
58.420	43.8100	1.6720	13.8735	1.2328	42.359	2.7286	1.3394	11
58.866	44.1150	1.6785	13.9500	1.2328	42.418	2.7516	1.3432	12
58.722	44.0550	1.6747	13.8806	1.2316	42.365	2.7528	1.3415	13
58.596	43.9900	1.6765	13.8888	1.2332	42.444	2.7500	1.3436	14
58.623	43.9833	1.6791	13.7085	1.2346	42.527	2.7443	1.3460	15
58.951	43.9510	1.6842	13.6660	1.2321	42.687	2.7299	1.3517	18
58.754	44.1623	1.6787	13.6524	1.2333	42.656	2.7149	1.3502	19
59.088	44.4208	1.6826	13.6817	1.2323	42.840	2.7197	1.3527	20
58.947	44.3825	1.6818	13.6700	1.2318	42.858	2.7200	1.3472	21
59.388	44.2985	1.6916	13.6485	1.2302	43.035	2.7251	1.3518	22
59.267	44.5414	1.6924	13.5965	1.2311	43.218	2.7030	1.3514	25
59.271	44.6620	1.6965	13.7028	1.2312	43.463	2.7280	1.3547	26
59.378	44.8979	1.7056	13.8377	1.2305	43.670	2.7499	1.3596	27
59.437	45.0515	1.7067	13.8975	1.2323	43.662	2.7424	1.3592	28
59.447	45.1550	1.7082	13.8610	1.2298	43.644	2.7475	1.3611	29
59.177	44.9057	1.6985	13.8223	1.2321	43.505	2.7524	1.3536	Dec 2
59.403	45.1500	1.7023	14.0306	1.2287	43.695	2.7675	1.3578	3
59.665	45.0345	1.7044	14.1267	1.2268	43.826	2.7809	1.3592	4
59.641	44.8932	1.7044	14.2302	1.2262	43.881	2.7784	1.3594	5
60.139	45.0410	1.7119	14.3055	1.2231	44.133	2.7876	1.3661	6
60.531	44.9260	1.7139	14.1802	1.2231	44.089	2.7864	1.3722	9
60.837	44.9962	1.7181	14.1808	1.2214	44.099	2.7902	1.3750	10
60.780	45.0812	1.7217	14.2878	1.2219	44.114	2.7999	1.3767	11
60.832	45.1292	1.7266	14.2673	1.2211	44.201	2.8073	1.3775	12
60.620	45.0965	1.7251	14.1407	1.2226	44.002	2.7992	1.3727	13
60.700	45.2905	1.7293	14.2072	1.2212	44.125	2.7970	1.3776	16
60.838	45.2922	1.7289	14.2344	1.2206	44.165	2.8055	1.3749	17
60.872	45.3050	1.7306	14.2257	1.2211	44.365	2.8137	1.3749	18
60.793	44.9955	1.7313	14.1911	1.2261	44.370	2.8338	1.3667	19
60.830	45.0800	1.7310	14.2900	1.2263	44.515	2.8583	1.3655	20
60.825	44.8968	1.7349	14.1583	1.2257	44.780	2.8660	1.3702	23
60.790	44.6875	1.7346	14.1531	1.2243	44.770	2.8476	1.3684	24
61.264	44.9610	1.7509	14.4446	1.2234	45.414	2.9859	1.3814	27
61.211	45.1700	1.7481	14.4257	1.2259	45.230	2.9348	1.3783	30
61.289	45.3246	1.7414	14.5660	1.2276	45.178	2.9605	1.3791	31
60.725	45.1984	1.7328	14.5405	1.2307	45.017	2.9843	1.3658	2014 Jan 2
60.892	45.1393	1.7244	14.4393	1.2309	45.022	2.9637	1.3634	3
60.653	45.2800	1.7253	14.5732	1.2319	44.987	2.9837	1.3602	6
60.979	45.2750	1.7325	14.4915	1.2367	45.134	2.9566	1.3641	7
60.723	45.0019	1.7262	14.4990	1.2383	44.906	2.9581	1.3594	8
60.805	45.1425	1.7304	14.7150	1.2368	44.944	2.9745	1.3612	9
60.746	45.1468	1.7255	14.6297	1.2342	44.929	2.9585	1.3587	10
60.880	45.2798	1.7270	14.6746	1.2342	45.047	2.9730	1.3654	13

II Euro reference exchange rates of the European Central Bank *

2 Monthly averages +

EUR 1 = CU ...

Period	EU member countries											Other Euro-
	Bulgaria	Croatia	Czech Republic	Denmark	Hungary	Latvia	Lithuania	Poland	Romania	Sweden	United Kingdom	Australia
	Bulgarian lev BGN	Croatian kuna HRK	Czech koruna CZK	Danish krone DKK	Hungarian forint HUF	Latvian lats LVL	Lithuanian litas LTL	Polish zloty PLN	Romanian leu RON	Swedish krona SEK	Pound sterling GBP	Australian dollar AUD
2008 Dec	1.9558	7.2245	26.120	7.4503	265.02	0.7084	3.4528	4.0044	3.9227	10.7538	0.90448	2.0105
2009 Jan	1.9558	7.3603	27.169	7.4519	279.86	0.7043	3.4528	4.2300	4.2354	10.7264	0.91819	1.9633
Feb	1.9558	7.4309	28.461	7.4514	298.30	0.7056	3.4528	4.6467	4.2864	10.9069	0.88691	1.9723
Mar	1.9558	7.4430	27.231	7.4509	304.14	0.7083	3.4528	4.6210	4.2828	11.1767	0.91966	1.9594
Apr	1.9558	7.4172	26.774	7.4491	295.26	0.7093	3.4528	4.4326	4.2041	10.8796	0.89756	1.8504
May	1.9558	7.3515	26.731	7.4468	281.93	0.7092	3.4528	4.4103	4.1700	10.5820	0.88445	1.7831
June	1.9558	7.2954	26.545	7.4457	280.46	0.7015	3.4528	4.5084	4.2131	10.8713	0.85670	1.7463
July	1.9558	7.3307	25.793	7.4458	272.06	0.7006	3.4528	4.2965	4.2184	10.8262	0.86092	1.7504
Aug	1.9558	7.3287	25.646	7.4440	270.05	0.7013	3.4528	4.1311	4.2183	10.2210	0.86265	1.7081
Sep	1.9558	7.3102	25.346	7.4428	271.84	0.7039	3.4528	4.1584	4.2420	10.1976	0.89135	1.6903
Oct	1.9558	7.2419	25.861	7.4438	268.49	0.7088	3.4528	4.2146	4.2871	10.3102	0.91557	1.6341
Nov	1.9558	7.2952	25.812	7.4415	270.92	0.7088	3.4528	4.1646	4.2896	10.3331	0.89892	1.6223
Dec	1.9558	7.2907	26.089	7.4419	273.22	0.7077	3.4528	4.1439	4.2284	10.4085	0.89972	1.6185
2010 Jan	1.9558	7.2938	26.133	7.4424	269.43	0.7088	3.4528	4.0703	4.1383	10.1939	0.88305	1.5624
Feb	1.9558	7.3029	25.979	7.4440	271.21	0.7090	3.4528	4.0144	4.1196	9.9505	0.87604	1.5434
Mar	1.9558	7.2616	25.541	7.4416	265.40	0.7083	3.4528	3.8906	4.0866	9.7277	0.90160	1.4882
Apr	1.9558	7.2594	25.308	7.4428	265.53	0.7076	3.4528	3.8782	4.1306	9.6617	0.87456	1.4463
May	1.9558	7.2630	25.663	7.4413	276.78	0.7075	3.4528	4.0567	4.1767	9.6641	0.85714	1.4436
June	1.9558	7.2225	25.780	7.4409	281.49	0.7082	3.4528	4.1055	4.2434	9.5723	0.82771	1.4315
July	1.9558	7.2198	25.328	7.4522	283.75	0.7090	3.4528	4.0814	4.2608	9.4954	0.83566	1.4586
Aug	1.9558	7.2525	24.806	7.4495	281.45	0.7085	3.4528	3.9899	4.2396	9.4216	0.82363	1.4337
Sep	1.9558	7.2874	24.651	7.4476	282.10	0.7091	3.4528	3.9548	4.2655	9.2241	0.83987	1.3943
Oct	1.9558	7.3277	24.531	7.4567	274.01	0.7094	3.4528	3.9496	4.2787	9.2794	0.87638	1.4164
Nov	1.9558	7.3830	24.633	7.4547	275.51	0.7094	3.4528	3.9520	4.2940	9.3166	0.85510	1.3813
Dec	1.9558	7.3913	25.174	7.4528	277.62	0.7096	3.4528	3.9962	4.2929	9.0559	0.84813	1.3304
2011 Jan	1.9558	7.4008	24.449	7.4518	275.33	0.7034	3.4528	3.8896	4.2624	8.9122	0.84712	1.3417
Feb	1.9558	7.4149	24.277	7.4555	271.15	0.7037	3.4528	3.9264	4.2457	8.7882	0.84635	1.3543
Mar	1.9558	7.3915	24.393	7.4574	270.89	0.7072	3.4528	4.0145	4.1621	8.8864	0.86653	1.3854
Apr	1.9558	7.3639	24.301	7.4574	265.29	0.7092	3.4528	3.9694	4.1004	8.9702	0.88291	1.3662
May	1.9558	7.4052	24.381	7.4566	266.96	0.7093	3.4528	3.9404	4.1142	8.9571	0.87788	1.3437
June	1.9558	7.4065	24.286	7.4579	266.87	0.7091	3.4528	3.9702	4.1937	9.1125	0.88745	1.3567
July	1.9558	7.4316	24.335	7.4560	267.68	0.7092	3.4528	3.9951	4.2413	9.1340	0.88476	1.3249
Aug	1.9558	7.4620	24.273	7.4498	272.37	0.7093	3.4528	4.1195	4.2505	9.1655	0.87668	1.3651
Sep	1.9558	7.4936	24.556	7.4462	285.05	0.7093	3.4528	4.3379	4.2838	9.1343	0.87172	1.3458
Oct	1.9558	7.4849	24.841	7.4442	296.79	0.7061	3.4528	4.3516	4.3244	9.1138	0.87036	1.3525
Nov	1.9558	7.4923	25.464	7.4412	309.15	0.7015	3.4528	4.4324	4.3560	9.1387	0.85740	1.3414
Dec	1.9558	7.5136	25.514	7.4341	304.19	0.6975	3.4528	4.4774	4.3282	9.0184	0.84405	1.3003
2012 Jan	1.9558	7.5543	25.531	7.4353	307.33	0.6990	3.4528	4.3760	4.3417	8.8503	0.83210	1.2405
Feb	1.9558	7.5815	25.042	7.4341	290.68	0.6988	3.4528	4.1835	4.3513	8.8196	0.83696	1.2327
Mar	1.9558	7.5358	24.676	7.4354	292.26	0.6977	3.4528	4.1370	4.3668	8.8873	0.83448	1.2538
Apr	1.9558	7.4991	24.809	7.4393	294.81	0.6993	3.4528	4.1782	4.3789	8.8650	0.82188	1.2718
May	1.9558	7.5383	25.313	7.4335	293.67	0.6981	3.4528	4.2937	4.4412	8.9924	0.80371	1.2825
June	1.9558	7.5434	25.640	7.4325	293.57	0.6969	3.4528	4.2973	4.4626	8.8743	0.80579	1.2550
July	1.9558	7.5006	25.447	7.4384	286.28	0.6963	3.4528	4.1837	4.5549	8.5451	0.78827	1.1931
Aug	1.9558	7.4853	25.021	7.4454	278.93	0.6963	3.4528	4.0934	4.5176	8.2805	0.78884	1.1841
Sep	1.9558	7.4291	24.752	7.4539	284.22	0.6962	3.4528	4.1345	4.5022	8.4929	0.79821	1.2372
Oct	1.9558	7.5140	24.939	7.4582	282.09	0.6962	3.4528	4.1071	4.5624	8.6145	0.80665	1.2596
Nov	1.9558	7.5410	25.365	7.4587	282.26	0.6962	3.4528	4.1321	4.5273	8.6076	0.80389	1.2331
Dec	1.9558	7.5334	25.214	7.4604	285.79	0.6965	3.4528	4.0956	4.4899	8.6512	0.81237	1.2527
2013 Jan	1.9558	7.5746	25.563	7.4614	294.01	0.6978	3.4528	4.1424	4.3835	8.6217	0.83271	1.2658
Feb	1.9558	7.5868	25.475	7.4598	292.73	0.6999	3.4528	4.1700	4.3839	8.5083	0.86250	1.2951
Mar	1.9558	7.5909	25.659	7.4553	303.01	0.7013	3.4528	4.1565	4.3923	8.3470	0.85996	1.2537
Apr	1.9558	7.6076	25.841	7.4553	298.67	0.7006	3.4528	4.1359	4.3780	8.4449	0.85076	1.2539
May	1.9558	7.5684	25.888	7.4536	292.38	0.7002	3.4528	4.1799	4.3360	8.5725	0.84914	1.3133
June	1.9558	7.4901	25.759	7.4576	295.70	0.7019	3.4528	4.2839	4.4803	8.6836	0.85191	1.3978
July	1.9558	7.5061	25.944	7.4579	294.90	0.7024	3.4528	4.2745	4.4244	8.6609	0.86192	1.4279
Aug	1.9558	7.5372	25.818	7.4580	299.46	0.7027	3.4528	4.2299	4.4371	8.7034	0.85904	1.4742
Sep	1.9558	7.5985	25.789	7.4579	299.75	0.7026	3.4528	4.2371	4.4633	8.6758	0.84171	1.4379
Oct	1.9558	7.6193	25.662	7.4592	294.76	0.7028	3.4528	4.1902	4.4444	8.7479	0.84720	1.4328
Nov	1.9558	7.6326	26.927	7.4587	297.68	0.7028	3.4528	4.1887	4.4452	8.8802	0.83780	1.4473
Dec	1.9558	7.6365	27.521	7.4602	300.24	0.7027	3.4528	4.1760	4.4635	8.9597	0.83639	1.5243

* See Explanatory notes, p 59. + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. 1 The ECB has not fixed a euro reference exchange rate for the Icelandic krona since 4 December 2008. 2 Up

to December 2008, ECB indicative rates. 3 Up to December 2010, ECB indicative rates.

II Euro reference exchange rates of the European Central Bank *

European and non-European countries												
Brazil	Canada	China	Hong Kong	Iceland	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia		Period
Brazilian real BRL	Canadian dollar CAD	Chinese yuan renminbi CNY	Hong Kong dollar HKD	Icelandic krona ISK ¹	Indian rupee INR ²	Indonesian rupiah IDR	New Israeli sheqel ILS ³	Japanese yen JPY	South Korean won KRW	Malaysian ringgit MYR		
3.2266	1.6600	9.2205	10.4240	1 290.00	65.1465	15,276.62	5.2033	122.51	1,850.06	4.7755		2008 Dec
3.0596	1.6233	9.0496	10.2687	–	64.5104	14,802.07	5.1793	119.73	1,801.97	4.7291		2009 Jan
2.9685	1.5940	8.7406	9.9128	–	62.8849	15,233.33	5.2437	118.30	1,843.90	4.6466		Feb
3.0198	1.6470	8.9210	10.1138	–	66.8026	15,477.84	5.4354	127.65	1,894.48	4.7949		Mar
2.9197	1.6188	9.0110	10.2229	–	66.0471	14,552.65	5.5290	130.25	1,760.14	4.7562		Apr
2.8232	1.5712	9.3157	10.5807	–	66.1762	14,137.45	5.5552	131.85	1,710.18	4.8057		May
2.7391	1.5761	9.5786	10.8638	–	66.9191	14,315.40	5.5260	135.39	1,768.80	4.9305		June
2.7221	1.5824	9.6246	10.9182	–	68.2333	14,241.51	5.4784	133.09	1,778.43	4.9963		July
2.6314	1.5522	9.7485	11.0587	–	68.9570	14,270.78	5.4694	135.31	1,768.99	5.0185		Aug
2.6520	1.5752	9.9431	11.2858	–	70.4154	14,346.84	5.4813	133.14	1,768.58	5.0862		Sep
2.5771	1.5619	10.1152	11.4828	–	69.2160	14,057.25	5.5194	133.91	1,739.94	5.0425		Oct
2.5777	1.5805	10.1827	11.5588	–	69.4421	14,115.45	5.6352	132.97	1,735.17	5.0553		Nov
2.5566	1.5397	9.9777	11.3296	–	68.0924	13,830.84	5.5373	131.21	1,703.03	4.9859		Dec
2.5383	1.4879	9.7436	11.0783	–	65.5361	13,263.60	5.2964	130.34	1,624.76	4.8170		2010 Jan
2.5237	1.4454	9.3462	10.6305	–	63.4291	12,786.05	5.1258	123.46	1,582.70	4.6743		Feb
2.4233	1.3889	9.2623	10.5313	–	61.7352	12,434.53	5.0772	123.03	1,542.59	4.5083		Mar
2.3550	1.3467	9.1505	10.4065	–	59.6203	12,101.70	4.9773	125.33	1,494.53	4.2935		Apr
2.2750	1.3060	8.5794	9.7843	–	57.6166	11,517.01	4.7640	115.83	1,465.81	4.0874		May
2.2057	1.2674	8.3245	9.5091	–	56.8582	11,169.39	4.7048	110.99	1,483.22	3.9853		June
2.2600	1.3322	8.6538	9.9308	–	59.8100	11,546.78	4.9236	111.73	1,538.85	4.0924		July
2.2691	1.3411	8.7520	10.0193	–	60.0584	11,573.26	4.8906	110.04	1,522.39	4.0654		Aug
2.2476	1.3515	8.8104	10.1470	–	60.0771	11,716.16	4.8792	110.26	1,517.10	4.0570		Sep
2.3378	1.4152	9.2665	10.7835	–	61.7399	12,407.16	5.0192	113.67	1,560.30	4.3092		Oct
2.3391	1.3831	9.0895	10.5941	–	61.4539	12,224.00	4.9770	112.69	1,544.16	4.2588		Nov
2.2387	1.3327	8.7873	10.2776	–	59.6472	11,925.21	4.7618	110.11	1,513.74	4.1313		Dec
2.2371	1.3277	8.8154	10.3945	–	60.7161	12,077.47	4.7909	110.38	1,495.50	4.0895		2011 Jan
2.2765	1.3484	8.9842	10.6312	–	62.0142	12,165.92	4.9939	112.77	1,524.99	4.1541		Feb
2.3220	1.3672	9.1902	10.9093	–	62.9526	12,263.18	4.9867	114.40	1,568.05	4.2483		Mar
2.2889	1.3834	9.4274	11.2269	–	64.1128	12,493.48	4.9573	120.42	1,567.52	4.3502		Apr
2.3131	1.3885	9.3198	11.1551	–	64.4735	12,290.33	4.9740	116.47	1,555.99	4.3272		May
2.2850	1.4063	9.3161	11.2021	–	64.5200	12,327.02	4.9169	115.75	1,555.32	4.3578		June
2.2329	1.3638	9.2121	11.1104	–	63.3537	12,171.27	4.8801	113.26	1,510.29	4.2716		July
2.2888	1.4071	9.1857	11.1846	–	65.0717	12,249.95	5.0841	110.43	1,542.01	4.2822		Aug
2.3946	1.3794	8.7994	10.7333	–	65.5964	12,118.49	5.0788	105.75	1,544.04	4.2456		Sep
2.4336	1.3981	8.7308	10.6616	–	67.5519	12,150.54	5.0253	105.06	1,578.17	4.2963		Oct
2.4210	1.3897	8.6154	10.5495	–	68.8330	12,214.99	5.0521	105.02	1,537.42	4.2756		Nov
2.4175	1.3481	8.3563	10.2496	–	69.2066	11,965.40	4.9725	102.55	1,513.26	4.1639		Dec
2.3084	1.3073	8.1465	10.0187	–	66.0601	11,709.25	4.9141	99.33	1,474.96	4.0151		2012 Jan
2.2729	1.3193	8.3314	10.2553	–	65.0589	11,913.82	4.9474	103.77	1,485.58	3.9978		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

II Euro reference exchange rates of the European Central Bank *

2 Monthly averages + (cont'd)

EUR 1 = CU ...

Period	Other European and non-European countries (cont'd)										
	Mexico Mexican peso MXN	New Zealand New Zealand dollar NZD	Norway Norwegian krone NOK	Philippines Philippine peso PHP	Russian Federation Russian rouble RUB	Singapore Singapore dollar SGD	South Africa South African rand ZAR	Switzerland Swiss franc CHF	Thailand Thai baht THB	Turkey Turkish lira ¹ TRY	United States US dollar USD
2008 Dec	18.0764	2.4119	9.4228	64.505	37.8999	1.9888	13.4275	1.5393	47.107	2.0894	1.3449
2009 Jan	18.3762	2.4132	9.2164	62.354	42.3282	1.9742	13.1255	1.4935	46.218	2.1233	1.3239
Feb	18.6536	2.4851	8.7838	60.832	45.8079	1.9411	12.8005	1.4904	45.156	2.1280	1.2785
Mar	19.1278	2.4527	8.8388	63.105	45.1451	1.9949	12.9870	1.5083	46.667	2.2340	1.3050
Apr	17.7645	2.3123	8.7867	63.462	44.2135	1.9823	11.8784	1.5147	46.741	2.1277	1.3190
May	17.9969	2.2663	8.7943	64.600	43.5678	1.9939	11.4475	1.5118	47.241	2.1251	1.3650
June	18.6813	2.1967	8.9388	67.036	43.5553	2.0357	11.2718	1.5148	47.844	2.1675	1.4016
July	18.8143	2.1873	8.9494	67.724	44.3881	2.0421	11.2007	1.5202	47.969	2.1378	1.4088
Aug	18.5571	2.1097	8.6602	68.803	45.1972	2.0577	11.3415	1.5236	48.543	2.1236	1.4268
Sep	19.5255	2.0691	8.5964	69.967	44.7624	2.0720	10.9495	1.5148	49.239	2.1711	1.4562
Oct	19.5856	2.0065	8.3596	69.419	43.6188	2.0714	11.0938	1.5138	49.504	2.1823	1.4816
Nov	19.5478	2.0450	8.4143	70.165	43.1835	2.0711	11.2134	1.5105	49.634	2.2262	1.4914
Dec	18.7787	2.0383	8.4066	67.706	43.9019	2.0392	10.9261	1.5021	48.544	2.2013	1.4614
2010 Jan	18.2820	1.9646	8.1817	65.702	42.5749	1.9930	10.6492	1.4765	47.150	2.1028	1.4272
Feb	17.7154	1.9615	8.0971	63.317	41.2845	1.9326	10.4964	1.4671	45.360	2.0756	1.3686
Mar	17.0587	1.9301	8.0369	61.999	40.1219	1.8990	10.0589	1.4482	44.111	2.0821	1.3569
Apr	16.3957	1.8814	7.9323	59.788	39.1335	1.8505	9.8658	1.4337	43.279	1.9983	1.3406
May	15.9856	1.8010	7.8907	57.315	38.2707	1.7503	9.6117	1.4181	40.714	1.9459	1.2565
June	15.5346	1.7667	7.9062	56.594	38.1507	1.7081	9.3398	1.3767	39.635	1.9274	1.2209
July	16.3699	1.7925	8.0201	59.072	39.1317	1.7588	9.6351	1.3460	41.273	1.9669	1.2770
Aug	16.4571	1.8059	7.9325	58.245	39.1898	1.7482	9.4192	1.3413	40.937	1.9484	1.2894
Sep	16.7361	1.7955	7.9156	57.772	40.2564	1.7439	9.3236	1.3089	40.264	1.9528	1.3067
Oct	17.2845	1.8498	8.1110	60.285	42.1471	1.8116	9.6165	1.3452	41.636	1.9800	1.3898
Nov	16.8386	1.7703	8.1463	59.485	42.3360	1.7739	9.5320	1.3442	40.826	1.9717	1.3661
Dec	16.3797	1.7587	7.9020	58.050	40.7385	1.7262	9.0143	1.2811	39.805	2.0159	1.3220
2011 Jan	16.1926	1.7435	7.8199	59.089	40.2557	1.7193	9.2652	1.2779	40.827	2.0919	1.3360
Feb	16.4727	1.7925	7.8206	59.558	39.9469	1.7421	9.8126	1.2974	41.918	2.1702	1.3649
Mar	16.8063	1.8877	7.8295	60.870	39.8061	1.7757	9.6862	1.2867	42.506	2.2108	1.3999
Apr	16.9211	1.8331	7.8065	62.361	40.5363	1.8024	9.7200	1.2977	43.434	2.1975	1.4442
May	16.7177	1.8024	7.8384	61.953	40.0573	1.7763	9.8461	1.2537	43.398	2.2603	1.4349
June	16.9931	1.7666	7.8302	62.468	40.2670	1.7763	9.7807	1.2092	43.923	2.3077	1.4388
July	16.6491	1.6877	7.7829	60.961	39.8343	1.7359	9.7000	1.1766	42.949	2.3654	1.4264
Aug	17.5456	1.7108	7.7882	60.836	41.2954	1.7340	10.1532	1.1203	42.875	2.5147	1.4343
Sep	17.9370	1.6932	7.7243	59.322	42.3239	1.7229	10.3956	1.2005	41.902	2.4736	1.3770
Oct	18.4315	1.7361	7.7474	59.412	42.8569	1.7493	10.9188	1.2295	42.297	2.5089	1.3706
Nov	18.5646	1.7584	7.7868	58.743	41.8082	1.7476	11.0547	1.2307	41.969	2.4565	1.3556
Dec	18.1174	1.7102	7.7451	57.537	41.5686	1.7070	10.7829	1.2276	41.099	2.4632	1.3179
2012 Jan	17.3140	1.6132	7.6752	56.208	40.4394	1.6510	10.3405	1.2108	40.718	2.3759	1.2905
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

* See Explanatory notes, p 59. + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. ¹ Up to end-2008, New Turkish lira.

II Euro reference exchange rates of the European Central Bank *

3 End-of-year rates and annual averages

EUR 1 = CU ...

Period	EU member countries									
	Bulgaria BGN 1	Croatia Croatian kuna HRK 2	Cyprus Cyprus pound CYP 3	Czech Republic Czech koruna CZK	Denmark Danish krone DKK	Estonia Estonian kroon EEK 3	Greece Greek drachma GRD 3	Hungary Hungarian forint HUF	Latvia Latvian lats LVL 1	Lithuania Lithuanian litas LTL 1
	End of year									
1999	-	-	0.57667	36.103	7.4433	15.6466	330.30	254.70	0.5881	4.0169
2000	1.9543	7.5800	0.57369	35.047	7.4631	15.6466	340.75	265.00	0.5764	3.7229
2001	1.9463	7.3490	0.57504	31.962	7.4365	15.6466	-	245.18	0.5563	3.5228
2002	1.9546	7.4750	0.57316	31.577	7.4288	15.6466	-	236.29	0.6140	3.4525
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
	Annual averages +									
1999	-	-	0.57884	36.884	7.4355	15.6466	325.76	252.77	0.6256	4.2641
2000	4 1.9477	5 7.6410	0.57392	35.599	7.4538	15.6466	336.63	260.04	0.5592	3.6952
2001	1.9482	7.4820	0.57589	34.068	7.4521	15.6466	-	256.59	0.5601	3.5823
2002	1.9492	7.4130	0.57530	30.804	7.4305	15.6466	-	242.96	0.5810	3.4594
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

Period	EU member countries (cont'd)							Other European and non-European countries		
	Malta Maltese lira MTL 1 3	Poland Polish zloty PLN	Romania Romanian Leu (old)/(new) ROL/RON 1 6	Slovakia Slovak koruna SKK 1 3	Slovenia Slovenian tolar SIT 3	Sweden Swedish krona SEK	United Kingdom Pound sterling GBP	Australia Australian dollar AUD	Brazil Brazilian real BRL 7	Canada Canadian dollar CAD
	End of year									
1999	0.4151	4.1587	18,345	42.402	198.9055	8.5625	0.62170	1.5422	-	1.4608
2000	0.4075	3.8498	24,142	43.933	213.5401	8.8313	0.62410	1.6770	1.8149	1.3965
2001	0.3994	3.4953	27,817	42.780	218.8364	9.3012	0.60850	1.7280	2.0465	1.4077
2002	0.4182	4.0210	35,135	41.503	230.1577	9.1528	0.65050	1.8556	3.7124	1.6550
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	6 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
	Annual averages +									
1999	0.4258	4.2274	16,345	44.123	194.4732	8.8075	0.65874	1.6523	-	1.5840
2000	0.4041	4.0082	19,922	42.602	206.6127	8.4452	0.60948	1.5889	5 1.6821	1.3706
2001	0.4030	3.6721	26,004	43.300	217.9797	9.2551	0.62187	1.7319	2.1069	1.3864
2002	0.4089	3.8574	31,270	42.694	225.9772	9.1611	0.62883	1.7376	2.7896	1.4838
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	6 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

* See Explanatory notes, p 59. + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. 1 Up to September 2000, ECB indicative rates. 2 Up to March 2005, ECB indicative rates. 3 Accession to the euro area, see p 7 (Table I 1). 4 Average from 19 July to 29 December 2000.

5 Average from 13 January to 29 December 2000. 6 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. 7 Up to December 2007, ECB indicative rates.

II Euro reference exchange 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 1	Hong Kong dollar HKD 2	Icelandic krona ISK 2 3	Indian rupee INR 4	Indonesian rupiah IDR 1	New Israeli sheqel ILS 5	Japanese yen JPY	South Korean won KRW 2	Malaysian ringgit MYR 1	Mexican peso MXN 6			
End of year													
1999	.	7.8033	72.83	.	7,052.77	.	102.73	1,137.28	3.8148	9.5320			
2000	7.7017	7.2578	78.80	43.4290	9,077.75	3.7620	106.92	1,177.08	3.5380	8.9255			
2001	7.2945	6.8723	91.48	42.4950	9,227.43	3.8746	115.33	1,161.55	3.3475	8.0466			
2002	8.6801	8.1781	84.74	50.2930	9,387.21	4.9708	124.39	1,243.76	3.9857	10.9605			
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	3	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			
Annual averages +													
1999	.	8.2694	77.18	.	8,386.62	.	121.32	1,267.26	4.0498	10.1945			
2000	7	7.6168	7.1973	72.58	7	41.3561	7,731.57	7	3.7506	99.47	1,043.50	3.5101	8.7361
2001	7.4131	6.9855	87.42	42.2471	9,167.71	3.7672	108.68	1,154.83	3.4036	8.3710			
2002	7.8265	7.3750	86.18	45.9248	8,785.12	4.4800	118.06	1,175.50	3.5933	9.1628			
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	3	143.83	63.6143	14,165.16	5.2561	152.45	1,606.09	4.8893			
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			

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 krone NOK	Philippine peso PHP 1	Russian rouble RUB 1	Singapore dollar SGD 2	South African rand ZAR 2	Swiss franc CHF	Thai baht THB 1	Turkish lira / New Turkish lira TRL / TRY 2 8	US dollar USD
End of year										
1999	1.9357	8.0765	40.407	27.6689	1.6718	6.1870	1.6051	37.598	544,641	1.0046
2000	2.1120	8.2335	46.562	26.6746	1.6126	7.0392	1.5232	40.291	624,267	0.9305
2001	2.1215	7.9515	45.437	26.8631	1.6306	10.4302	1.4829	38.945	1,269,500	0.8813
2002	1.9975	7.2756	56.318	33.5108	1.8199	9.0094	1.4524	45.237	1,738,000	1.0487
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	1,592.4	1.1797
2006	1.8725	8.2380	64.546	34.6800	2.0202	9.2124	1.6069	46.770	1,864.0	1.3170
2007	1.9024	7.9580	60.724	35.9860	2.1163	10.0298	1.6547	43.800	1,717.0	1.4721
2008	2.4191	9.7500	65.930	41.2830	2.0040	13.0667	1.4850	48.285	2,148.8	1.3917
2009	1.9803	8.3000	66.507	43.1540	2.0194	10.6660	1.4836	47.986	2,154.7	1.4406
2010	1.7200	7.8000	58.300	40.8200	1.7136	8.8625	1.2504	40.170	2,069.4	1.3362
2011	1.6737	7.7540	56.754	41.7650	1.6819	10.4830	1.2156	40.991	2,443.2	1.2939
2012	1.6045	7.3483	54.107	40.3295	1.6111	11.1727	1.2072	40.347	2,355.1	1.3194
2013	1.6762	8.3630	61.289	45.3246	1.7414	14.5660	1.2276	45.178	2,960.5	1.3791
Annual averages +										
1999	2.0145	8.3104	41.675	26.5187	1.8064	6.5188	1.6003	40.335	447,238	1.0658
2000	2.0288	8.1129	40.737	26.0182	1.5923	6.3899	1.5579	37.032	574,816	0.9236
2001	2.1300	8.0484	45.660	26.1510	1.6039	7.6873	1.5105	39.841	1,102,425	0.8956
2002	2.0366	7.5086	48.837	29.7028	1.6912	9.9072	1.4670	40.637	1,439,680	0.9456
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	1,677.1	1.2441
2006	1.9373	8.0472	64.379	34.1117	1.9941	8.5312	1.5729	47.594	1,809.0	1.2556
2007	1.8627	8.0165	63.026	35.0183	2.0636	9.6596	1.6427	44.214	1,786.5	1.3705
2008	2.0770	8.2237	65.172	36.4207	2.0762	12.0590	1.5874	48.475	1,906.4	1.4708
2009	2.2121	8.7278	66.338	44.1376	2.0241	11.6737	1.5100	47.804	2,163.1	1.3948
2010	1.8377	8.0043	59.739	40.2629	1.8055	9.6984	1.3803	42.014	1,996.5	1.3257
2011	1.7600	7.7934	60.260	40.8846	1.7489	10.0970	1.2326	42.429	2,337.8	1.3920
2012	1.5867	7.4751	54.246	39.9262	1.6055	10.5511	1.2053	39.928	2,313.5	1.2848
2013	1.6206	7.8067	56.428	42.3370	1.6619	12.8330	1.2311	40.830	2,533.5	1.3281

* See Explanatory notes, p 59. + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. 1 Up to March 2005, ECB indicative rates. 2 Up to September 2000, ECB indicative rates. 3 The ECB has not fixed a euro reference exchange rate for the Icelandic krona since 4 December 2008. 4 Up to December 2008, ECB indicative rates. 5 Up to December 2010, ECB indica-

tive rates. 6 Up to December 2007, ECB indicative rates. 7 Average from 13 January to 29 December 2000. 8 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 reference exchange rates of the European Central Bank

4 Exchange rates of major currencies



¹ Last monthly average: December 2013. ² Last updated: 13 January 2014.

III Effective exchange rates of the euro *

1 Annual and monthly averages

1999 Q1 = 100

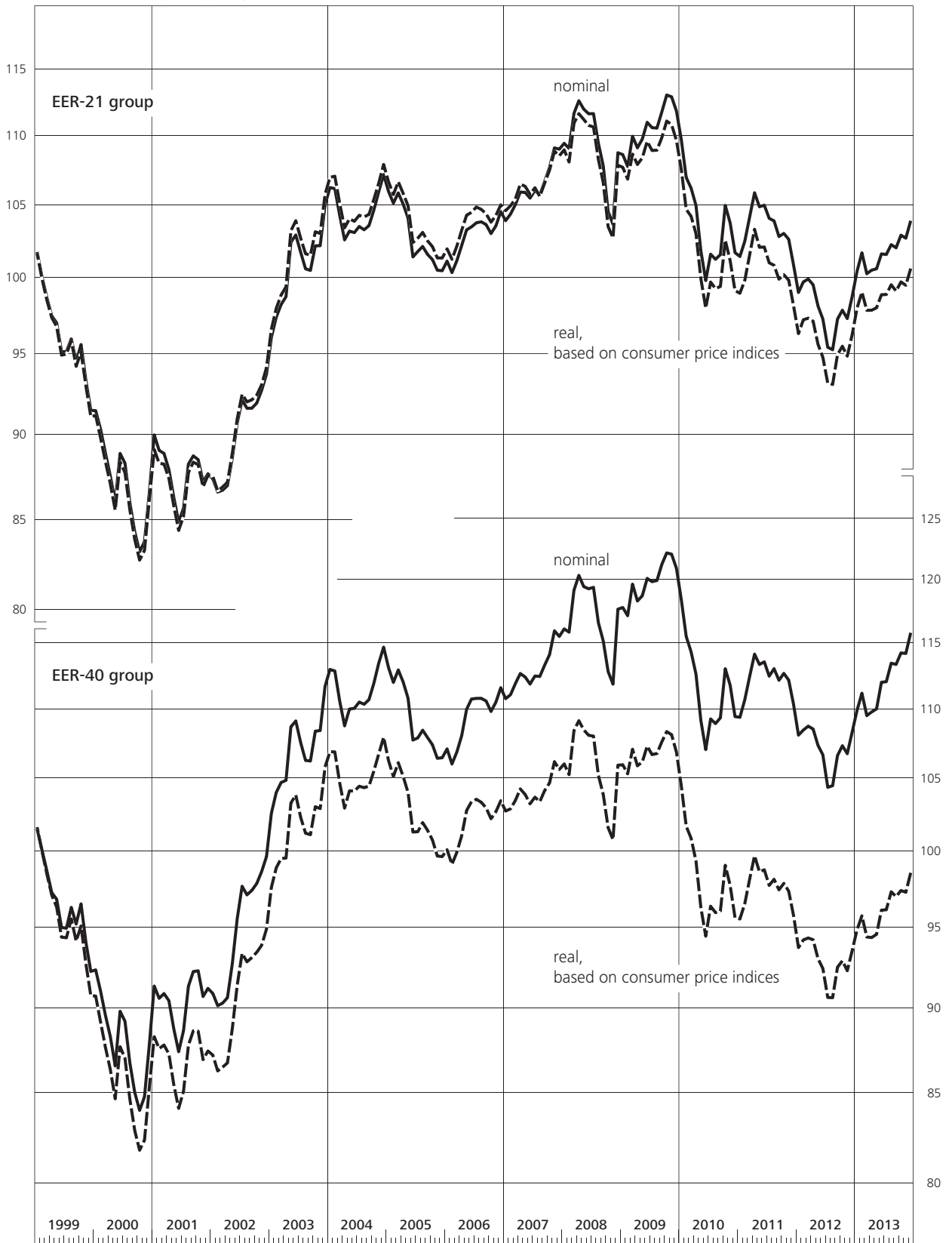
Period	Effective exchange rate of the euro ¹				<i>Memo item</i> Indicators of the German economy's price competitiveness based on consumer price indices					
	EER-21		EER-40		24 selected industrial countries			37 countries	56 countries	
	Nominal	Real, based on consumer price indices	Nominal	Real, based on consumer price indices	Total	Euro-area countries	Non-euro- area countries			
1999	96.2	96.1	96.5	95.8	98.2	100.0	95.8	98.0	97.7	
2000	87.0	86.6	87.9	85.8	92.9	99.0	85.7	91.9	90.9	
2001	87.7	87.2	90.4	87.1	92.9	98.1	86.8	91.4	90.8	
2002	90.1	90.4	94.9	90.7	93.5	96.9	89.6	91.9	91.8	
2003	100.6	101.5	106.8	101.6	97.0	95.7	99.2	96.5	96.7	
2004	104.4	105.2	111.4	105.2	98.4	95.4	102.9	98.0	98.2	
2005	102.9	103.7	109.4	102.7	98.4	95.2	103.3	96.9	96.5	
2006	102.8	103.7	109.4	102.0	98.5	94.8	104.2	96.4	95.8	
2007	106.2	106.4	112.8	104.0	100.8	95.1	109.8	97.8	96.9	
2008	109.3	108.4	117.0	105.9	102.2	94.5	114.9	97.7	97.0	
2009	110.6	109.0	119.8	106.8	101.7	94.4	113.8	97.9	97.3	
2010	103.6	101.5	111.5	98.1	98.8	94.0	106.1	93.8	92.2	
2011	103.4	100.6	112.2	97.6	98.2	93.7	105.2	93.1	91.7	
2012	97.9	95.5	107.1	92.8	96.0	93.2	99.7	90.3	88.8	
2013	101.7	p 98.9	112.0	p 96.1	p 98.3	p 93.3	p 106.1	p 92.2	p 90.8	
2009 Oct	113.0	111.1	122.1	108.3	102.6	94.4	116.4	98.7	98.1	
Nov	112.9	110.8	122.0	108.1	102.3	94.3	115.9	98.6	97.9	
Dec	111.8	109.6	120.9	106.8	102.2	94.4	115.1	98.2	97.4	
2010 Jan	109.7	107.5	118.3	104.4	101.2	94.2	112.7	97.0	95.9	
Feb	106.9	104.7	115.5	101.7	100.2	94.2	109.8	95.6	94.3	
Mar	106.2	104.2	114.3	100.8	100.2	94.2	109.7	95.2	93.8	
Apr	104.9	103.0	112.6	99.3	99.5	93.9	108.3	94.3	92.7	
May	101.8	99.9	109.1	96.3	98.2	94.0	104.5	93.0	91.2	
June	99.8	98.0	107.0	94.4	97.2	94.0	101.6	92.1	90.3	
July	101.6	99.7	109.2	96.3	97.8	94.0	103.2	92.9	91.2	
Aug	101.2	99.2	108.9	95.9	97.6	93.9	102.8	92.6	90.9	
Sep	101.5	99.4	109.3	96.0	97.7	93.9	103.2	92.7	91.0	
Oct	104.9	102.5	113.0	99.0	99.1	93.8	107.3	94.1	92.6	
Nov	103.7	101.1	111.8	97.7	98.8	94.0	106.1	93.6	92.0	
Dec	101.7	99.1	109.4	95.6	97.9	94.0	103.4	92.7	91.0	
2011 Jan	101.4	98.9	109.4	95.5	97.8	93.9	103.5	92.4	90.7	
Feb	102.4	99.8	110.7	96.5	98.1	93.8	104.5	92.8	91.2	
Mar	104.1	101.5	112.4	98.1	98.6	93.7	106.1	93.5	91.9	
Apr	105.8	103.3	114.1	99.7	99.5	93.8	108.7	94.3	92.8	
May	104.9	102.0	113.3	98.6	99.0	93.7	107.2	93.7	92.1	
June	105.0	102.1	113.5	98.7	99.0	93.7	107.2	93.7	92.2	
July	104.0	101.0	112.4	97.7	98.6	93.7	106.1	93.3	91.7	
Aug	103.9	100.8	113.0	98.1	98.1	93.6	105.0	93.0	91.8	
Sep	102.8	99.9	112.1	97.4	97.8	93.6	103.8	92.7	91.6	
Oct	103.0	100.2	112.6	97.8	97.9	93.6	104.2	92.9	91.8	
Nov	102.6	99.8	112.1	97.3	97.6	93.5	103.7	92.8	91.6	
Dec	100.8	98.1	110.3	95.7	96.9	93.4	101.8	91.8	90.6	
2012 Jan	99.0	96.3	108.1	93.7	96.2	93.3	100.0	90.8	89.4	
Feb	99.7	97.2	108.4	94.2	96.8	93.4	101.5	91.3	89.7	
Mar	99.9	97.3	108.7	94.3	96.8	93.3	101.9	91.1	89.6	
Apr	99.5	97.1	108.5	94.2	96.7	93.3	101.4	91.1	89.5	
May	98.1	95.6	107.3	93.0	96.0	93.3	99.5	90.4	88.9	
June	97.2	94.8	106.7	92.4	95.5	93.2	98.4	89.9	88.5	
July	95.4	93.1	104.3	90.6	94.8	93.1	96.7	89.1	87.5	
Aug	95.3	93.1	104.5	90.6	94.9	93.2	96.9	89.0	87.5	
Sep	97.2	94.9	106.6	92.5	95.6	93.0	98.9	89.9	88.5	
Oct	97.8	95.5	107.3	92.9	95.9	92.9	99.9	90.1	88.6	
Nov	97.3	94.8	106.7	92.3	95.9	93.0	99.8	89.9	88.5	
Dec	98.7	96.2	108.3	93.5	96.5	93.0	101.6	90.6	89.2	
2013 Jan	100.4	97.9	109.9	94.8	97.4	93.1	104.0	91.5	89.9	
Feb	101.7	99.0	111.2	95.7	98.1	93.2	105.7	92.0	90.4	
Mar	100.2	97.8	109.5	94.4	97.7	93.2	104.4	91.5	89.7	
Apr	100.5	97.8	109.8	94.3	97.5	92.9	104.5	91.3	89.5	
May	100.6	98.0	110.0	p 94.5	98.1	93.2	105.5	91.7	p 89.9	
June	101.6	98.8	112.0	p 96.1	98.2	93.3	105.9	92.1	p 90.8	
July	101.5	98.9	112.0	p 96.1	98.4	93.3	106.2	92.2	p 90.8	
Aug	102.2	99.5	113.4	p 97.3	98.5	93.3	106.7	92.4	p 91.4	
Sep	102.0	99.1	113.3	p 97.0	98.5	93.3	106.4	92.3	p 91.3	
Oct	102.9	p 99.7	114.2	p 97.4	98.8	93.3	107.5	p 92.6	p 91.5	
Nov	102.7	p 99.5	114.2	p 97.2	p 99.1	93.7	p 107.6	p 93.0	p 91.9	
Dec	103.9	p 100.6	115.8	p 98.5	p 99.5	p 93.6	p 108.9	p 93.5	p 92.6	

* See Explanatory notes, p 59. 1 Source: ECB.

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 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2013	Rate at end of month			
					October 2013	November 2013	December 2013	
Afghanistan								
Kabul 660	Afghani = 100 puls	B	USD 1 =	AFN 55.4967	AFN 57.5800	AFN 58.1400	AFN 55.9600	
		S	USD 1 =	AFN 55.5967	AFN 57.6800	AFN 58.2400	AFN 56.0600	
	AFN	B	EUR 1 =	AFN 73.4433	AFN 78.8400	AFN 78.5300	AFN 76.6000	
		S	EUR 1 =	AFN 73.7033	AFN 79.1000	AFN 78.7900	AFN 76.8600	
	Albania							
	Tirana 070	Albanian lek = 100 qindarka ALL	M	USD 1 =	ALL 105.57	ALL 102.52	ALL 103.17	ALL 101.86
M			EUR 1 =	ALL 140.31	ALL 140.11	ALL 140.25	ALL 140.20	
Algeria								
Algiers 208	Algerian dinar = 100 centimes	B	USD 1 =	DZD 79.2963	DZD 81.1780	DZD 79.7137	DZD 78.1374	
		S	USD 1 =	DZD 79.3113	DZD 81.1930	DZD 79.7287	DZD 78.1524	
	DZD	B	EUR 1 =	DZD 105.3895	DZD 110.5076	DZD 108.4824	DZD 106.8920	
		S	EUR 1 =	DZD 105.4302	DZD 110.5362	DZD 108.5187	DZD 106.9203	
Angola								
Luanda 330	Kwanza = 100 cêntimos	B	USD 1 =	AOA 96.245	AOA 96.782	AOA 97.144	AOA 97.375	
		S	USD 1 =	AOA 96.727	AOA 97.266	AOA 97.630	AOA 97.862	
	AOA	B	EUR 1 =	AOA 128.094	AOA 133.279	AOA 132.145	AOA 134.056	
		S	EUR 1 =	AOA 128.714	AOA 133.926	AOA 132.786	AOA 134.717	
Antigua and Barbuda								
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 3.5702	XCD 3.6670	XCD 3.6589	XCD 3.7073	
		V, S	EUR 1 =	XCD 3.6083	XCD 3.7061	XCD 3.6980	XCD 3.7469	
Argentina								
Buenos Aires 528	Argentine peso = 100 centavos	B	USD 1 =	ARS 5.4398	ARS 5.8720	ARS 6.1010	ARS 6.4810	
		S	USD 1 =	ARS 5.4798	ARS 5.9120	ARS 6.1410	ARS 6.5210	
	ARS	B	EUR 1 =	ARS 7.2278	ARS 7.9777	ARS 8.2919	ARS 8.9399	
		S	EUR 1 =	ARS 7.2946	ARS 8.0468	ARS 8.3616	ARS 9.0114	
Armenia								
Yerevan 077	Armenian dram = 100 luma AMD	M	USD 1 =	AMD 409.49	AMD 405.03	AMD 403.91	AMD 405.64	
		M	EUR 1 =	AMD 544.27	AMD 554.12	AMD 549.68	AMD 559.54	
Aruba								
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 237.09	AWG 242.95	AWG 242.42	AWG 245.62	
		S	EUR 100 =	AWG 239.47	AWG 245.39	AWG 244.86	AWG 248.09	

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. 1 Explanatory notes on individual countries, see pp 63–65.

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 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Australia							
Canberra 800	Australian dollar = 100 cents AUD	M	AUD 1 =	USD 0.9660	USD 0.9490	USD 0.9087	USD 0.8948
		M	AUD 1 =	EUR 0.7216	EUR 0.6923	EUR 0.6676	EUR 0.6485
Austria							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3281	USD 1.3641	USD 1.3611	USD 1.3791
Azerbaijan							
Baku 078	Azerbaijan manat = 100 qapik AZN	M	USD 1 =	AZN 0.7846	AZN 0.7845	AZN 0.7844	AZN 0.7845
		M	EUR 1 =	AZN 1.0440	AZN 1.0754	AZN 1.0679	AZN 1.0780
Bahamas							
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
		B	EUR 1 =	BSD .	BSD 1.34110	BSD 1.33100	BSD .
		S	EUR 1 =	BSD .	BSD 1.39990	BSD 1.38980	BSD .
Bahrain							
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 0.4870176	BHD 0.5011796	BHD 0.4971929	BHD 0.5038859
		S	EUR 1 =	BHD 0.5171424	BHD 0.5321804	BHD 0.5279471	BHD 0.5350541
Bangladesh 1							
Dhaka 666	Taka = 100 poisha BDT	B	USD 1 =	BDT 77.4167	BDT 77.2500	BDT 77.1500	BDT 77.2500
		S	USD 1 =	BDT 78.4067	BDT 78.2400	BDT 78.1400	BDT 78.2400
		B	EUR 1 =	BDT 101.8774	BDT 104.9663	BDT 103.6101	BDT 105.4336
		S	EUR 1 =	BDT 105.8386	BDT 109.0095	BDT 107.6533	BDT 108.7266
Barbados							
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 2.65074	BBD 2.73129	BBD 2.70819	BBD 2.74921
		S	EUR 1 =	BBD 2.70044	BBD 2.78249	BBD 2.75896	BBD 2.80075
Belarus							
Minsk 073	Belarusian rouble BYR	M	USD 1 =	BYR 8,901.25	BYR 9,210.00	BYR 9,330.00	BYR 9,510.00
		M	EUR 1 =	BYR 11,839.58	BYR 12,660.00	BYR 12,680.00	BYR 13,080.00

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. 1 Explanatory notes on individual countries, see pp 63–65.

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 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Belgium							
Brussels 017	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3281	USD 1.3641	USD 1.3611	USD 1.3791
Belize							
Belmopan 421	Belize dollar = 100 cents	B	USD 1 =	BZD 1.9825	BZD 1.9825	BZD 1.9825	BZD 1.9825
		S	USD 1 =	BZD 2.0175	BZD 2.0175	BZD 2.0175	BZD 2.0175
	BZD	B	EUR 1 =	BZD 2.6370	BZD 2.6998	BZD 2.6970	BZD 2.7317
		S	EUR 1 =	BZD 2.6835	BZD 2.7474	BZD 2.7446	BZD 2.7799
Benin ¹							
Porto-Novo Seat of Government: Cotonou 284	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Bermuda							
Hamilton 413	Bermudian dollar = 100 cents	B	USD 1 =	BMD 0.9960	BMD 0.9960	BMD 0.9960	BMD 0.9960
		S	USD 1 =	BMD 1.0043	BMD 1.0043	BMD 1.0043	BMD 1.0043
	BMD	V, B	EUR 1 =	BMD 1.3228	BMD 1.3586	BMD 1.3557	BMD 1.3736
		V, S	EUR 1 =	BMD 1.3338	BMD 1.3700	BMD 1.3670	BMD 1.3850
Bhutan ¹							
Thimphu 675	Ngultrum = 100 chhetrum	B	USD 1 =	BTN 58.67	BTN 61.26	BTN 62.34	BTN 61.92
		S	USD 1 =	BTN 59.08	BTN 61.69	BTN 62.79	BTN 62.35
	BTN	B	EUR 1 =	BTN 78.12	BTN 84.28	BTN 84.80	BTN 85.12
		S	EUR 1 =	BTN 78.66	BTN 84.85	BTN 85.40	BTN 85.70
Bolivia, Plurinational State of							
Sucre Seat of Government: La Paz 516	Boliviano = 100 centavos	B	USD 1 =	BOB 6.86	BOB 6.86	BOB 6.86	BOB 6.86
		S	USD 1 =	BOB 6.96	BOB 6.96	BOB 6.96	BOB 6.96
	BOB	V, B	EUR 1 =	BOB 9.1205	BOB 9.3577	BOB 9.3371	BOB 9.4606
		V, S	EUR 1 =	BOB 9.2534	BOB 9.4941	BOB 9.4733	BOB 9.5985
Bosnia and Herzegovina							
Sarajevo 093	Convertible marka = 100 feninga	B	USD 1 =	BAM 1.465966	BAM 1.418350	BAM 1.433356	BAM 1.415468
		S	USD 1 =	BAM 1.473314	BAM 1.425460	BAM 1.440540	BAM 1.422564
	BAM	B / S	EUR 1 =	BAM 1.95583	BAM 1.95583	BAM 1.95583	BAM 1.95583
Botswana							
Gaborone 391	Pula = 100 thebe	B	BWP 1 =	USD 0.1185	USD 0.1176	USD 0.1160	USD 0.1141
		S	BWP 1 =	USD 0.1182	USD 0.1173	USD 0.1158	USD 0.1138
	BWP	B	BWP 1 =	EUR 0.0891	EUR 0.0862	EUR 0.0852	EUR 0.0828
		S	BWP 1 =	EUR 0.0889	EUR 0.0860	EUR 0.0850	EUR 0.0826

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65. ² Value against the euro.

IV Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Brazil							
Brasilia 508	Brazilian real = 100 centavos	B	USD 1 =	BRL 2.1599	BRL 2.2020	BRL 2.3243	BRL 2.3420
		S	USD 1 =	BRL 2.1605	BRL 2.2026	BRL 2.3249	BRL 2.3426
	BRL	B	EUR 1 =	BRL 2.8936	BRL 2.9982	BRL 3.1610	BRL 3.2252
		S	EUR 1 =	BRL 2.8947	BRL 2.9995	BRL 3.1626	BRL 3.2265
Brunei Darussalam ¹							
Bandar Seri Begawan 703	Brunei dollar = 100 cents	B	USD 1 =	BND 1.2435	BND 1.2289	BND 1.2450	BND 1.2586
		S	USD 1 =	BND 1.2645	BND 1.2499	BND 1.2660	BND 1.2796
	BND	B	EUR 1 =	BND 1.6431	BND 1.6763	BND 1.6818	BND 1.7191
		S	EUR 1 =	BND 1.6996	BND 1.7330	BND 1.7384	BND 1.7758
Bulgaria							
Sofia 068	Bulgarian lev = 100 stotinkas BGN	M	USD 1 =	BGN 1.47337	BGN 1.43379	BGN 1.43695	BGN 1.41902
		M	EUR 1 =	BGN 1.95583	BGN 1.95583	BGN 1.95583	BGN 1.95583
Burkina Faso ¹							
Ouagadougou 236	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Burundi							
Bujumbura 328	Burundi franc = 100 centimes	B	USD 1 =	BIF 1,545.5970	BIF 1,524.0753	BIF 1,525.2138	BIF 1,526.5701
		S	USD 1 =	BIF 1,578.2113	BIF 1,554.8647	BIF 1,556.0262	BIF 1,557.4099
	BIF	B	EUR 1 =	BIF 2,058.8433	BIF 2,089.5073	BIF 2,077.0361	BIF 2,106.6667
		S	EUR 1 =	BIF 2,102.2925	BIF 2,131.7195	BIF 2,118.9965	BIF 2,149.2257
Cambodia							
Phnom Penh 696	Riel = 100 sen KHR	M	USD 1 =	KHR 4,029	KHR 4,040	KHR 3,995	KHR 3,995
		B	EUR 1 =	KHR 5,366	KHR 5,546	KHR 5,434	KHR 5,515
		S	EUR 1 =	KHR 5,420	KHR 5,601	KHR 5,488	KHR 5,570
Cameroon ¹							
Yaoundé 302	CFA franc XAF	2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Canada							
Ottawa 404	Canadian dollar = 100 cents CAD	M	USD 1 =	CAD 1.0299	CAD 1.0429	CAD 1.0599	CAD 1.0636
		M	EUR 1 =	CAD 1.3767	CAD 1.4177	CAD 1.4419	CAD 1.4655
Cape Verde							
Praia 247	Cape Verde escudo = 100 centavos CVE	B	USD 1 =	CVE 82.794	CVE 80.063	CVE 81.024	CVE 79.900
		S	USD 1 =	CVE 82.996	CVE 80.265	CVE 81.226	CVE 80.102
		2 B/S	EUR 1 =	CVE 110.265	CVE 110.265	CVE 110.265	CVE 110.265

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65.
2 Value against the euro.

IV Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Cayman Islands							
George Town 463	Cayman Islands dollar = 100 cents KYD	2	KYD 1 =	USD 1.20	USD 1.20	USD 1.20	USD 1.20
		V	EUR 1 =	KYD 1.1068	KYD 1.1368	KYD 1.1343	KYD 1.1493
Central African Republic ¹							
Bangui 306	CFA franc XAF	3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chad ¹							
N'Djaména 244	CFA franc XAF	3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Chile							
Santiago 512	Chilean peso = 100 centavos CLP	M	USD 1 =	CLP 495.23	CLP 508.58	CLP 528.19	CLP 523.76
		M	EUR 1 =	CLP 658.56	CLP 698.98	CLP 718.53	CLP 721.04
China							
Peking / Beijing 720	Chinese yuan renminbi = 10 jiao = 100 fen CNY	M	USD 1 =	CNY 6.1932	CNY 6.1425	CNY 6.1325	CNY 6.0969
		M	EUR 1 =	CNY 8.2396	CNY 8.4333	CNY 8.3417	CNY 8.4189
		M	HKD 1 =	CNY 0.79815	CNY 0.79226	CNY 0.79103	CNY 0.78623
China (Taiwan)							
Taipeh 736	New Taiwan dollar = 100 cents TWD	B	USD 1 =	TWD 29.64	TWD 29.35	TWD 29.55	TWD 29.74
		S	USD 1 =	TWD 29.74	TWD 29.45	TWD 29.65	TWD 29.84
		B	EUR 1 =	TWD 39.32	TWD 40.19	TWD 40.13	TWD 40.95
		S	EUR 1 =	TWD 39.72	TWD 40.59	TWD 40.53	TWD 41.35
Colombia							
Bogotá 480	Colombian peso = 100 centavos COP	B	USD 1 =	COP 1,867.92	COP 1,883.58	COP 1,927.82	COP 1,925.56
		S	USD 1 =	COP 1,868.92	COP 1,884.53	COP 1,928.69	COP 1,928.10
		V, B	EUR 1 =	COP 2,483.95	COP 2,569.39	COP 2,623.96	COP 2,655.54
		V, S	EUR 1 =	COP 2,485.28	COP 2,570.69	COP 2,625.14	COP 2,659.04
Comoros							
Moroni 375	Comorian franc = 100 centimes KMF	3	EUR 1 =	KMF 491.96775	KMF 491.96775	KMF 491.96775	KMF 491.96775
Congo ¹							
Brazzaville 318	CFA franc XAF	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 59. ¹ Explanatory notes on individual countries, see pp 63–65.
² Value against the US dollar. ³ Value against the euro.

IV Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Congo, Democratic Republic of the							
Kinshasa 322	Congo franc = 100 centimes	B	USD 1 =	CDF 901.2854	CDF 909.0438	CDF 907.9868	CDF 906.9932
		S	USD 1 =	CDF 938.0726	CDF 946.1476	CDF 945.0475	CDF 944.0133
	CDF	B	EUR 1 =	CDF 1,199.1743	CDF 1,253.1401	CDF 1,235.0146	CDF 1,241.0938
		S	EUR 1 =	CDF 1,248.1202	CDF 1,304.2887	CDF 1,285.4234	CDF 1,291.7507
Cook Islands ¹							
Avarua 837	Cook Islands dollar = 100 cents NZD	² B	NZD 1 =	EUR 0.6263	EUR 0.6131	EUR 0.6067	EUR 0.6075
		S	NZD 1 =	EUR 0.6030	EUR 0.5904	EUR 0.5841	EUR 0.5850
Costa Rica							
San José 436	Costa Rican colón = 100 céntimos	B	USD 1 =	CRC 494.13	CRC 493.64	CRC 492.93	CRC 495.01
		S	USD 1 =	CRC 505.89	CRC 506.02	CRC 505.13	CRC 507.80
	CRC	V, B	EUR 1 =	CRC 657.6196	CRC 673.3743	CRC 670.9270	CRC 682.6683
		V, S	EUR 1 =	CRC 673.2733	CRC 690.2619	CRC 687.5324	CRC 700.3070
Côte d'Ivoire ¹							
Yamoussoukro Seat of Government: Abidjan 272	CFA franc XOF	³	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Croatia							
Zagreb 092	Croatian kuna = 100 lipa	B	USD 1 =	HRK 5.685952	HRK 5.521477	HRK 5.591183	HRK 5.532353
		S	USD 1 =	HRK 5.720170	HRK 5.554705	HRK 5.624831	HRK 5.565647
	HRK	B	EUR 1 =	HRK 7.552812	HRK 7.596999	HRK 7.607923	HRK 7.614730
		S	EUR 1 =	HRK 7.598265	HRK 7.642719	HRK 7.653707	HRK 7.660556
Cuba ¹							
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 1.28844	CUC 1.33247	CUC 1.31636	CUC 1.33509
		S	EUR 1 =	CUC 1.37505	CUC 1.42203	CUC 1.40483	CUC 1.42480
Curaçao							
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 237.09	ANG 242.95	ANG 242.42	ANG 245.62
		S	EUR 100 =	ANG 241.87	ANG 247.85	ANG 247.30	ANG 250.57
Cyprus ¹							
Nicosia 600	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3281	USD 1.3641	USD 1.3611	USD 1.3791
Czech Republic							
Prague 061	Czech koruna = 100 heller CZK	M	USD 1 =	CZK 19.565	CZK 18.852	CZK 20.123	CZK 19.894
		M	EUR 1 =	CZK 26.026	CZK 25.720	CZK 27.390	CZK 27.425

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65. ² Parity in relation to New Zealand dollar. ³ Value against the euro.

IV Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Denmark							
Copenhagen 008	Danish krone = 100 øre DKK	M	USD 100 =	DKK 561.60	DKK 546.79	DKK 548.01	DKK 541.27
		M	EUR 100 =	DKK 745.75	DKK 745.87	DKK 745.89	DKK 746.03
Djibouti							
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	DJF 179.498
		B	EUR 1 =	DJF 233.60	DJF 240.78	DJF 238.45	DJF 242.24
		S	EUR 1 =	DJF 242.64	DJF 249.63	DJF 247.24	DJF 251.14
Dominica							
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	XCD 2.7169
		V, B	EUR 1 =	XCD 3.5702	XCD 3.6670	XCD 3.6589	XCD 3.7073
		V, S	EUR 1 =	XCD 3.6083	XCD 3.7061	XCD 3.6980	XCD 3.7469
Dominican Republic							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B	USD 1 =	DOP 41.7947	DOP 42.4542	DOP 42.4616	DOP 42.6723
		S	USD 1 =	DOP 41.9003	DOP 42.5221	DOP 42.5288	DOP 42.7902
		V, B	EUR 1 =	DOP 55.6345	DOP 57.9118	DOP 57.7945	DOP 58.8494
		V, S	EUR 1 =	DOP 55.7749	DOP 58.0044	DOP 57.8859	DOP 59.0120
Egypt							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B	USD 1 =	EGP 6.8872	EGP 6.8892	EGP 6.8873	EGP 6.9485
		S	USD 1 =	EGP 6.9173	EGP 6.9193	EGP 6.9174	EGP 6.9786
		B	EUR 1 =	EGP 9.1146	EGP 9.3434	EGP 9.3305	EGP 9.5611
		S	EUR 1 =	EGP 9.4292	EGP 9.5999	EGP 9.5894	EGP 9.6388
El Salvador ¹							
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 11.6209	SVC 11.9359	SVC 11.9096	SVC 12.0671
Equatorial Guinea ¹							
Malabo 310	CFA franc XAF	²	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Eritrea							
Asmara 336	Nakfa = 100 cents ERN	B	USD 1 =	ERN 15.0000	ERN 15.0000	ERN 15.0000	ERN 15.0000
		S	USD 1 =	ERN 15.7500	ERN 15.7500	ERN 15.7500	ERN 15.7500
		B	EUR 1 =	ERN 19.9754	ERN 20.6970	ERN 20.3880	ERN 20.6445
		S	EUR 1 =	ERN 20.7349	ERN 21.4565	ERN 21.1475	ERN 21.4040
Estonia							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3281	USD 1.3641	USD 1.3611	USD 1.3791

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65. ² Value against the euro.

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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 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Ethiopia							
Addis Ababa 334	Birr = 100 cents	B	USD 1 =	ETB 18.661117	ETB 18.8966	ETB 18.9751	ETB 19.0587
		S	USD 1 =	ETB 19.034350	ETB 19.2745	ETB 19.3546	ETB 19.4399
	ETB	B	EUR 1 =	ETB 24.860375	ETB 26.0206	ETB 25.7777	ETB 26.2476
		S	EUR 1 =	ETB 25.357608	ETB 26.5410	ETB 26.2933	ETB 26.7726
Falkland Islands (Islas Malvinas)							
Stanley 529	Falkland Islands pound = 100 pence FKP	² V	USD 1 =	FKP 0.63945	FKP 0.62327	FKP 0.61182	FKP 0.60452
		² V	EUR 1 =	FKP 0.84926	FKP 0.85020	FKP 0.83275	FKP 0.83370
Fiji							
Suva 815	Fiji dollar = 100 cents	B	FJD 1 =	USD 0.5494	USD 0.5490	USD 0.5387	USD 0.5354
		S	FJD 1 =	USD 0.5324	USD 0.5320	USD 0.5217	USD 0.5184
	FJD	B	FJD 1 =	EUR 0.4122	EUR 0.3993	EUR 0.3953	EUR 0.3874
		S	FJD 1 =	EUR 0.4002	EUR 0.3873	EUR 0.3833	EUR 0.3754
Finland							
Helsinki 032	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3281	USD 1.3641	USD 1.3611	USD 1.3791
France							
Paris 001	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3281	USD 1.3641	USD 1.3611	USD 1.3791
Gabon ¹							
Libreville 314	CFA franc XAF	³	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
Gambia							
Banjul 252	Dalasi = 100 bututs	B	USD 1 =	.	GMD 35.20	GMD 36.70	GMD .
		S	USD 1 =	.	GMD 37.50	GMD 38.00	GMD .
	GMD	B	EUR 1 =	.	GMD 45.00	GMD 47.70	GMD .
		S	EUR 1 =	.	GMD 46.80	GMD 50.00	GMD .
Georgia							
Tbilisi 076	Lari = 100 tetri GEL	M	USD 1 =	GEL 1.6628	GEL 1.6707	GEL 1.6567	GEL 1.7363
		M	EUR 1 =	GEL 2.2068	GEL 2.2985	GEL 2.1825	GEL 2.3891
Germany							
Berlin 004	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3281	USD 1.3641	USD 1.3611	USD 1.3791

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65. ² Value (1:1) against the pound sterling. ³ Value against the euro.

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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 2013	Rate at end of month			
					October 2013	November 2013	December 2013	
Ghana								
Accra 276	Ghana cedi = 100 Ghana pesewas	B	USD 1 =	GHS 1.9933	GHS 2.0243	GHS 2.0805	GHS 2.1603	
		S	USD 1 =	GHS 1.9958	GHS 2.0268	GHS 2.0830	GHS 2.1628	
	GHS	B	EUR 1 =	GHS 2.6568	GHS 2.7879	GHS 2.8292	GHS 2.9845	
		S	EUR 1 =	GHS 2.6598	GHS 2.7912	GHS 2.8320	GHS 2.9878	
	Gibraltar							
	Gibraltar 044	Gibraltar pound = 100 pence GIP	2 V	USD 1 =	GIP 0.63945	GIP 0.62327	GIP 0.61182	GIP 0.60452
2 V			EUR 1 =	GIP 0.84926	GIP 0.85020	GIP 0.83275	GIP 0.83370	
Greece								
Athens 009	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3281	USD 1.3641	USD 1.3611	USD 1.3791	
Grenada								
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 3.5702	XCD 3.6670	XCD 3.6589	XCD 3.7073	
		V, S	EUR 1 =	XCD 3.6083	XCD 3.7061	XCD 3.6980	XCD 3.7469	
Guatemala								
Guatemala City 416	Quetzal = 100 centavos GTQ	M	USD 1 =	GTQ 7.85475	GTQ 7.92268	GTQ 7.90052	GTQ 7.84137	
		V, M	EUR 1 =	GTQ 10.45431	GTQ 10.80733	GTQ 10.75340	GTQ 10.81403	
Guinea								
Conakry 260	Guinean franc	B	USD 1 =	GNF 6,583.8841	GNF 6,569.8878	GNF 6,631.6426	GNF 6,674.6330	
		S	USD 1 =	GNF 6,991.1347	GNF 6,976.2727	GNF 7,041.8473	GNF 7,087.4969	
	GNF	B	EUR 1 =	GNF 8,772.8577	GNF 8,999.3010	GNF 9,025.5992	GNF 9,170.0780	
		S	EUR 1 =	GNF 9,315.5087	GNF 9,555.9587	GNF 9,583.8837	GNF 9,737.2993	
	Guinea Bissau ¹							
	Bissau 257	CFA franc XOF	3	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Guyana								
Georgetown 488	Guyana dollar = 100 cents	B	USD 1 =	GYD 204.95	GYD 204.99	GYD 205.49	GYD 205.73	
		S	USD 1 =	GYD 207.39	GYD 207.43	GYD 207.93	GYD 208.18	
	GYD	B	EUR 1 =	GYD 272.54	GYD 279.89	GYD 279.52	GYD 283.05	
		S	EUR 1 =	GYD 275.99	GYD 283.43	GYD 283.06	GYD 286.63	

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. **1** Explanatory notes on individual countries, see pp 63–65. **2** Value (1:1) against the pound sterling. **3** Value against the euro.

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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 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Haiti							
Port-au-Prince 452	Gourde = 100 centimes HTG	M	USD 1 =	HTG 43.5184	HTG 43.8080	HTG 43.8496	HTG 43.8820
		V, M	EUR 1 =	HTG 57.9199	HTG 59.7585	HTG 59.6837	HTG 60.5177
Honduras							
Tegucigalpa 424	Lempira = 100 centavos HNL	B	USD 1 =	HNL 20.3799	HNL 20.5407	HNL 20.5855	HNL 20.5975
		S	USD 1 =	HNL 20.5211	HNL 20.6828	HNL 20.7295	HNL 20.7417
		V, B	EUR 1 =	HNL 27.1251	HNL 28.0196	HNL 28.0189	HNL 28.4060
		V, S	EUR 1 =	HNL 27.3130	HNL 28.2134	HNL 28.2149	HNL 28.6049
Hong Kong							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B	USD 1 =	HKD 7.74420	HKD 7.74130	HKD 7.74100	HKD 7.73070
		S	USD 1 =	HKD 7.76756	HKD 7.76340	HKD 7.76310	HKD 7.77710
		B	EUR 1 =	HKD 10.28982	HKD 10.59218	HKD 10.51658	HKD 10.59990
		S	EUR 1 =	HKD 10.36566	HKD 10.65222	HKD 10.57662	HKD 10.76830
Hungary							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 =	HUF 223.67	HUF 215.06	HUF 220.99	HUF 215.67
		M	EUR 1 =	HUF 298.02	HUF 294.50	HUF 300.94	HUF 296.91
Iceland							
Reykjavik 024	Icelandic krona ISK	B	USD 1 =	ISK 121.58	ISK 120.04	ISK 119.30	ISK 114.76
		S	USD 1 =	ISK 122.16	ISK 120.62	ISK 119.86	ISK 115.30
		B	EUR 1 =	ISK 161.93	ISK 163.97	ISK 162.25	ISK 158.06
		S	EUR 1 =	ISK 162.83	ISK 164.89	ISK 163.15	ISK 158.94
India ¹							
New Delhi 664	Indian rupee = 100 paise INR	B	USD 1 =	INR 58.25	INR 61.00	INR 61.90	INR 61.54
		S	USD 1 =	INR 59.09	INR 61.84	INR 62.74	INR 62.38
		B	EUR 1 =	INR 77.66	INR 83.27	INR 84.03	INR 84.31
		S	EUR 1 =	INR 79.38	INR 85.03	INR 85.80	INR 86.08
Indonesia							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B	USD 1 =	IDR 10,446.04	IDR 11,178.00	IDR 11,917.00	IDR 12,128.00
		S	USD 1 =	IDR 10,551.21	IDR 11,290.00	IDR 12,037.00	IDR 12,250.00
		B	EUR 1 =	IDR 14,020.82	IDR 15,348.51	IDR 16,226.19	IDR 16,735.43
		S	EUR 1 =	IDR 14,164.39	IDR 15,506.82	IDR 16,394.39	IDR 16,907.45
Iran, Islamic Republic of ¹							
Tehran 616	Iranian rial = 100 dinars IRR	M	USD 1 =	IRR 18,544	IRR 24,955	IRR 24,829	IRR 24,774
		M	EUR 1 =	IRR 24,794	IRR 34,213	IRR 33,718	IRR 34,044

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65.

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 2013	Rate at end of month			
					October 2013	November 2013	December 2013	
Iraq								
Baghdad 612	Iraqi dinar = 1,000 fils	B	USD 1 =	IQD 1,164.000	IQD 1,164.000	IQD 1,164.000	IQD 1,164.000	
		S	USD 1 =	IQD 1,166.000	IQD 1,166.000	IQD 1,166.000	IQD 1,166.000	
	IQD	B	EUR 1 =	IQD 1,552.355	IQD 1,603.031	IQD 1,584.501	IQD 1,606.294	
		S	EUR 1 =	IQD 1,553.131	IQD 1,603.833	IQD 1,585.294	IQD 1,607.098	
	Ireland							
	Dublin 007	Euro = 100 cent	M	EUR 1 =	USD 1.3281	USD 1.3641	USD 1.3611	USD 1.3791
EUR								
Israel								
Jerusalem 624	New Israeli sheqel = 100 agorot	M	USD 1 =	ILS 3.6094	ILS 3.5190	ILS 3.5230	ILS 3.4710	
		M	EUR 1 =	ILS 4.7881	ILS 4.8030	ILS 4.7969	ILS 4.7819	
	ILS							
Italy								
Rome 005	Euro = 100 cent	M	EUR 1 =	USD 1.3281	USD 1.3641	USD 1.3611	USD 1.3791	
	EUR							
Jamaica								
Kingston 464	Jamaican dollar = 100 cents	B	USD 1 =	JMD 100.5515	JMD 104.3199	JMD 105.4110	JMD 105.7165	
		S	USD 1 =	JMD 101.2557	JMD 105.0532	JMD 105.8041	JMD 106.3777	
	JMD	B	EUR 1 =	JMD 133.9266	JMD 143.8124	JMD 143.2701	JMD 145.9827	
		S	EUR 1 =	JMD 134.8681	JMD 144.6982	JMD 143.9502	JMD 146.8714	
	Japan							
	Tokyo 732	Japanese yen = 100 sen	B	USD 1 =	JPY 96.66	JPY 97.51	JPY 101.42	JPY 104.39
S			USD 1 =	JPY 98.66	JPY 99.51	JPY 103.42	JPY 106.39	
JPY		B	EUR 1 =	JPY 129.04	JPY 133.77	JPY 137.96	JPY 143.55	
		S	EUR 1 =	JPY 132.04	JPY 136.77	JPY 140.96	JPY 146.55	
Jordan								
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 0.94005	JOD 0.96522	JOD 0.96040	JOD 0.97421	
		S	EUR 1 =	JOD 0.94745	JOD 0.97540	JOD 0.96681	JOD 0.98065	
	Kazakhstan							
	Astana 079	Tenge = 100 tiyn	M	USD 1 =	KZT 152.21	KZT 154.33	KZT 154.05	KZT 153.61
KZT		M	EUR 1 =	KZT 202.42	KZT 212.42	KZT 209.71	KZT 211.17	
Kenya ¹								
Nairobi 346	Kenya shilling = 100 cents	B	USD 1 =	KES 86.1046	KES 85.0483	KES 86.8944	KES 86.2139	
		S	USD 1 =	KES 86.2970	KES 85.2456	KES 87.0917	KES 86.4056	
	KES	B	EUR 1 =	KES 114.7219	KES 116.5206	KES 118.3306	KES 119.1178	
		S	EUR 1 =	KES 114.9915	KES 116.8335	KES 118.6061	KES 119.3287	

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65.

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 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Kiribati ¹							
Bairiki / Tarawa 812	Australian dollar / Kiribati = 100 cents AUD	² M	AUD 1 =	EUR 0.7216	EUR 0.6923	EUR 0.6676	EUR 0.6485
Korea, Democratic People's Republic of							
Pyongyang 724	North Korean won = 100 chon	B	USD 1 =	KPW .	KPW 98.23	KPW 98.30	KPW 98.14 ³
		S	USD 1 =	KPW .	KPW 98.97	KPW 99.04	KPW 98.88 ³
	KPW	B	EUR 1 =	KPW .	KPW 133.44	KPW 133.20	KPW 133.37 ³
		S	EUR 1 =	KPW .	KPW 134.44	KPW 134.20	KPW 134.38 ³
Korea, Republic of							
Seoul 728	South Korean won = 100 chon	B	USD 1 =	KRW 1,084.06	KRW 1,050.40	KRW 1,047.90	KRW 1,038.30
		S	USD 1 =	KRW 1,105.42	KRW 1,071.00	KRW 1,068.50	KRW 1,058.70
	KRW	B	EUR 1 =	KRW 1,442.11	KRW 1,438.63	KRW 1,426.23	KRW 1,431.84
		S	EUR 1 =	KRW 1,471.24	KRW 1,467.69	KRW 1,455.03	KRW 1,460.76
Kuwait							
Kuwait 636	Kuwaiti dinar = 1,000 fils	B	USD 1 =	KWD 0.28211	KWD 0.28060	KWD 0.28115	KWD 0.28050
		S	USD 1 =	KWD 0.28592	KWD 0.28470	KWD 0.28525	KWD 0.28460
	KWD	B	EUR 1 =	KWD 0.375058	KWD 0.382612	KWD 0.382181	KWD 0.386178
		S	EUR 1 =	KWD 0.380129	KWD 0.388203	KWD 0.387755	KWD 0.391823
Kyrgyzstan							
Bishkek 083	Kyrgyz som = 100 tyiyn KGS	M	USD 1 =	KGS 48.4379	KGS 48.5027	KGS 48.9590	KGS 49.2470
		M	EUR 1 =	KGS 64.4190	KGS 66.7809	KGS 66.6234	KGS 67.7048
Lao People's Democratic Republic							
Vientiane 684	Kip	B	USD 1 =	LAK 7,826	LAK 7,891	LAK 7,982	LAK 8,007
		S	USD 1 =	LAK 7,857	LAK 7,917	LAK 8,020	LAK 8,040
	LAK	B	EUR 1 =	LAK 10,411	LAK 10,810	LAK 10,849	LAK 11,002
		S	EUR 1 =	LAK 10,460	LAK 10,861	LAK 10,901	LAK 11,054
Latvia							
Riga 054	Latvian lats = 100 santims LVL	M	USD 1 =	LVL 0.5288	LVL 0.5120	LVL 0.5170	LVL 0.5150
		M	EUR 1 =	LVL 0.702804	LVL 0.702804	LVL 0.702804	LVL 0.702804
Lebanon							
Beirut 604	Lebanese pound = 100 piastres LBP	M	USD 1 =	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50	LBP 1,507.50
		M	EUR 1 =	LBP 2,003.90	LBP 2,056.08	LBP 2,051.41	LBP 2,074.77

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65. ² Parity in relation to Australian dollar. ³ Exchange rate as of 6 January 2014.

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 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Lesotho ¹							
Maseru 395	Loti = 100 lisente LSL	M	USD 1 =	LSL 9.7265	LSL 9.9855	LSL 9.8671	LSL 10.2168
		M	EUR 1 =	LSL 12.9283	LSL 13.6109	LSL 13.5797	LSL 13.8998
Liberia ¹							
Monrovia 268	Liberian dollar = 100 cents LRD	B	USD 1 =	LRD 77.25	LRD 80.50	LRD 81.00	LRD 82.00
		S	USD 1 =	LRD 78.25	LRD 81.50	LRD 82.00	LRD 83.00
		V, B	EUR 1 =	LRD 102.8713	LRD 109.8101	LRD 110.2491	LRD 113.0862
		V, S	EUR 1 =	LRD 104.2021	LRD 111.1742	LRD 111.6102	LRD 114.4653
Libya							
Tripoli 216	Libyan dinar = 1,000 dirham LYD	B	USD 1 =	LYD 1.2678	LYD 1.2515	LYD 1.2563	LYD 1.2503
		S	USD 1 =	LYD 1.2741	LYD 1.2577	LYD 1.2626	LYD 1.2566
		B	EUR 1 =	LYD 1.6872	LYD 1.7141	LYD 1.7067	LYD 1.7247
		S	EUR 1 =	LYD 1.6957	LYD 1.7227	LYD 1.7153	LYD 1.7333
Lithuania							
Vilnius 055	Lithuanian litas = 100 centas LTL	M	USD 1 =	LTL 2.5971	LTL 2.5128	LTL 2.5411	LTL 2.5098
		M	EUR 1 =	LTL 3.4528	LTL 3.4528	LTL 3.4528	LTL 3.4528
Luxembourg							
Luxembourg 018	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3281	USD 1.3641	USD 1.3611	USD 1.3791
Macao ¹							
Macao 743	Pataca = 100 avos MOP	B	USD 1 =	MOP 7.9399	MOP 7.9358	MOP 7.9351	MOP 7.9374
		S	USD 1 =	MOP 8.0398	MOP 8.0358	MOP 8.0350	MOP 8.0373
		B	EUR 1 =	MOP 10.5740	MOP 10.8960	MOP 10.8021	MOP 10.9616
		S	EUR 1 =	MOP 10.7070	MOP 11.0329	MOP 10.9381	MOP 11.0994
Macedonia ¹							
Skopje 096	Macedonian denar = 100 deni MKD	B	USD 1 =	MKD 46.1119	MKD 44.4929	MKD 44.9768	MKD 44.4052
		S	USD 1 =	MKD 46.5753	MKD 44.9400	MKD 45.4289	MKD 44.8515
		B	EUR 1 =	MKD 61.2726	MKD 61.2000	MKD 61.2180	MKD 61.2037
		S	EUR 1 =	MKD 61.8884	MKD 61.8150	MKD 61.8332	MKD 61.8189
Madagascar							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M	USD 1 =	MGA 2,205.53	MGA 2,175.06	MGA 2,236.09	MGA 2,236.01
		M	EUR 1 =	MGA 2,924.61	MGA 2,987.28	MGA 3,042.00	MGA 3,077.26
Malawi							
Lilongwe 386	Malawi kwacha = 100 tambala MWK	B	USD 1 =	MWK 364.9146	MWK 383.9310	MWK 404.2422	MWK 421.6497
		S	USD 1 =	MWK 383.0877	MWK 409.5608	MWK 431.4006	MWK 448.8079
		B	EUR 1 =	MWK 486.3481	MWK 527.3676	MWK 550.0119	MWK 581.9187
		S	EUR 1 =	MWK 510.6861	MWK 562.5727	MWK 586.9637	MWK 619.3998

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65.

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 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Malaysia							
Kuala Lumpur Seat of Government: Putrajaya 701	Malaysian ringgit = 100 sen	B	USD 1 =	MYR 3.1209	MYR 3.1228	MYR 3.1960	MYR 3.2538
		S	USD 1 =	MYR 3.1903	MYR 3.1922	MYR 3.2670	MYR 3.3262
	MYR	B	EUR 1 =	MYR 4.1657	MYR 4.2790	MYR 4.3387	MYR 4.4818
		S	EUR 1 =	MYR 4.2754	MYR 4.3918	MYR 4.4530	MYR 4.5999
Maldives							
Malé 667	Rufiyaa = 100 laari MVR	M	USD 1 =	MVR 15.39	MVR 15.39	MVR 15.40	MVR 15.41
		V, M	EUR 1 =	MVR 20.48379	MVR 20.99350	MVR 20.96094	MVR 21.25193
Mali 1							
Bamako 232	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Malta							
Valletta 046	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3281	USD 1.3641	USD 1.3611	USD 1.3791
Mauritania							
Nouakchott 228	Ouguiya = 5 khoums MRO	B	USD 1 =	MRO 299.28	MRO 296.24	MRO 294.54	MRO 298.25
		S	USD 1 =	MRO 302.28	MRO 299.21	MRO 297.49	MRO 301.24
	MRO	B	EUR 1 =	MRO 398.31	MRO 407.83	MRO 398.34	MRO 411.74
		S	EUR 1 =	MRO 402.31	MRO 411.92	MRO 402.34	MRO 415.87
Mauritius							
Port Louis 373	Mauritian rupee = 100 cents MUR	B	USD 1 =	MUR 30.2296	MUR 29.8200	MUR 29.9649	MUR 29.7188
		S	USD 1 =	MUR 31.1192	MUR 30.6957	MUR 30.8483	MUR 30.5947
	MUR	B	EUR 1 =	MUR 40.2209	MUR 40.8022	MUR 40.6921	MUR 40.9232
		S	EUR 1 =	MUR 41.4115	MUR 41.9848	MUR 41.8712	MUR 42.1095
Mexico							
Mexico City 412	Mexican peso = 100 centavos MXN	B	USD 1 =	MXN 12.7442	MXN 13.0380	MXN 13.1125	MXN 13.0850
		S	USD 1 =	MXN 12.7471	MXN 13.0400	MXN 13.1175	MXN 13.0900
	MXN	V, B	EUR 1 =	MXN 17.1139	MXN 17.7851	MXN 17.8474	MXN 18.0455
		V, S	EUR 1 =	MXN 17.1179	MXN 17.7879	MXN 17.8542	MXN 18.0524
Moldova, Republic of							
Chisinau 074	Moldovan leu = 100 bani MDL	M	USD 1 =	MDL 12.6033	MDL 12.8195	MDL 13.1238	MDL 13.0570
		M	EUR 1 =	MDL 16.7550	MDL 17.6402	MDL 17.8373	MDL 17.9697
Mongolia							
Ulan Bator 716	Togrog = 100 mongo MNT	M	USD 1 =	MNT 1,534.91	MNT 1,716.28	MNT 1,741.71	MNT 1,659.34
		M	EUR 1 =	MNT 2,046.78	MNT 2,351.30	MNT 2,369.94	MNT 2,288.81

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. 1 Explanatory notes on individual countries, see pp 63–65. 2 Value against the euro.

IV Overview of world currencies *

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

Country ¹ Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Morocco							
Rabat 204	Moroccan dirham = 100 centimes	B	USD 1 =	MAD 8.3703	MAD 8.2000	MAD 8.2127	MAD 8.1262
		S	USD 1 =	MAD 8.4206	MAD 8.2493	MAD 8.2620	MAD 8.1750
	MAD	B	EUR 1 =	MAD 11.126	MAD 11.175	MAD 11.172	MAD 11.197
		S	EUR 1 =	MAD 11.193	MAD 11.243	MAD 11.239	MAD 11.264
Mozambique							
Maputo 366	Metical = 100 centavos	B	USD 1 =	MZN 29.83	MZN 29.77	MZN 29.83	MZN 29.84
		S	USD 1 =	MZN 30.03	MZN 29.97	MZN 30.03	MZN 30.04
	MZN	B	EUR 1 =	MZN 39.68	MZN 40.61	MZN 40.60	MZN 41.10
		S	EUR 1 =	MZN 39.95	MZN 40.88	MZN 40.87	MZN 41.37
Myanmar							
Nay Pyi Taw 676	Kyat = 100 pyas MMK	M	USD 1 =	MMK 938.46	MMK 972.00	MMK 983.00	MMK 987.00
		V, M	EUR 1 =	MMK 1,250.18	MMK 1,334.30	MMK 1,337.10	MMK 1,363.20
Namibia ¹							
Windhoek 389	Namibia dollar = 100 cents NAD	M	USD 1 =	NAD 9.7690	NAD 9.9502	NAD 10.1812	NAD 10.5313
		M	EUR 1 =	NAD 12.9525	NAD 13.6318	NAD 13.0722	NAD 14.4736
Nepal							
Kathmandu 672	Nepalese rupee = 100 paisa	B	USD 1 =	NPR 93.99	NPR 97.96	NPR 99.56	NPR 98.76
		S	USD 1 =	NPR 94.59	NPR 98.56	NPR 100.16	NPR 99.36
	NPR	B	EUR 1 =	NPR 125.16	NPR 134.79	NPR 135.37	NPR 135.94
		S	EUR 1 =	NPR 125.96	NPR 135.61	NPR 136.19	NPR 136.76
Netherlands							
Amsterdam Seat of Government: The Hague 003	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3281	USD 1.3641	USD 1.3611	USD 1.3791
New Caledonia ¹							
Nouméa 809	CFP franc XPF	2	XPF 1000 =	EUR 8.38	EUR 8.38	EUR 8.38	EUR 8.38
New Zealand							
Wellington 804	New Zealand dollar = 100 cents	B	NZD 1 =	USD 0.8345	USD 0.8394	USD 0.8237	USD 0.8353
		S	NZD 1 =	USD 0.8094	USD 0.8142	USD 0.7988	USD 0.8102
	NZD	B	NZD 1 =	EUR 0.6263	EUR 0.6131	EUR 0.6067	EUR 0.6075
		S	NZD 1 =	EUR 0.6030	EUR 0.5904	EUR 0.5841	EUR 0.5850

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65. ² Value against the euro.

IV Overview of world currencies *

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

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Nicaragua							
Managua 432	Córdoba = 100 centavos NIO	M	USD 1 =	NIO 24.7714	NIO 25.1261	NIO 25.2270	NIO 25.3318
		V, M	EUR 1 =	NIO 32.9734	NIO 34.2745	NIO 34.3365	NIO 34.9351
Niger 1							
Niamey 240	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Nigeria							
Abuja 288	Naira = 100 kobo NGN	B	USD 1 =	NGN 154.75	NGN 154.80	NGN 154.72	NGN 154.70
		S	USD 1 =	NGN 155.75	NGN 155.80	NGN 155.72	NGN 155.70
		B	EUR 1 =	NGN 205.7716	NGN 211.1936	NGN 210.6358	NGN 213.0374
		S	EUR 1 =	NGN 207.1013	NGN 212.5579	NGN 211.9972	NGN 214.4145
Norway							
Oslo 028	Norwegian krone = 100 øre NOK	B	USD 1 =	NOK 5.8624	NOK 5.8918	NOK 6.0783	NOK 6.0665
		S	USD 1 =	NOK 5.8904	NOK 5.9218	NOK 6.1083	NOK 6.0965
		B	EUR 1 =	NOK 7.8400	NOK 8.0720	NOK 8.2708	NOK 8.3637
S	EUR 1 =	NOK 7.8786	NOK 8.1120	NOK 8.3108	NOK 8.4037		
Oman							
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 0.5105152	OMR 0.5263488	OMR 0.5195904	OMR 0.5296512
		S	EUR 1 =	OMR 0.5119666	OMR 0.5277580	OMR 0.5209820	OMR 0.5311460
Pakistan							
Islamabad 662	Pakistani rupee = 100 paisa PKR	B	USD 1 =	PKR 101.30	PKR 106.40	PKR 108.00	PKR 105.00
		S	USD 1 =	PKR 101.50	PKR 106.60	PKR 108.20	PKR 105.20
		B	EUR 1 =	PKR 134.91	PKR 145.86	PKR 147.05	PKR 144.83
		S	EUR 1 =	PKR 135.18	PKR 146.14	PKR 147.33	PKR 145.10
Panama 1							
Panama City 442	Balboa = 100 centésimos PAB	3	USD 1 =	PAB 1	PAB 1	PAB 1	PAB 1
		V	EUR 1 =	PAB 1.3281	PAB 1.3641	PAB 1.3611	PAB 1.3791
Papua New Guinea							
Port Moresby 801	Kina = 100 toea PGK	B	PGK 1 =	USD 0.4591	USD 0.4183	USD 0.4200	USD 0.4277
		S	PGK 1 =	USD 0.4045	USD 0.3566	USD 0.3600	USD 0.3730
		B	PGK 1 =	EUR 0.3446	EUR 0.3047	EUR 0.3087	EUR 0.3100
		S	PGK 1 =	EUR 0.3052	EUR 0.2590	EUR 0.2646	EUR 0.2704

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. 1 Explanatory notes on individual countries, see pp 63–65. 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 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Paraguay							
Asunción 520	Guaraní = 100 céntimos	B	USD 1 =	PYG 4,303.10	PYG 4,431.45	PYG 4,420.63	PYG 4,585.44
		S	USD 1 =	PYG 4,312.21	PYG 4,436.54	PYG 4,433.72	PYG 4,610.91
	PYG	V, B	EUR 1 =	PYG 5,719.57	PYG 6,044.94	PYG 6,016.92	PYG 6,320.11
		V, S	EUR 1 =	PYG 5,731.67	PYG 6,051.88	PYG 6,034.74	PYG 6,355.22
Peru							
Lima 504	Nuevo sol = 100 céntimos	B	USD 1 =	PEN 2.700	PEN 2.768	PEN 2.800	PEN 2.794
		S	USD 1 =	PEN 2.702	PEN 2.770	PEN 2.802	PEN 2.796
	PEN	B	EUR 1 =	PEN 3.518	PEN 3.758	PEN 3.760	PEN 3.715
		S	EUR 1 =	PEN 3.670	PEN 3.843	PEN 3.899	PEN 3.944
Philippines							
Manila 708	Philippine peso = 100 centavos	B	USD 1 =	PHP 41.86719	PHP 42.64827	PHP 43.19112	PHP 43.81787
		S	USD 1 =	PHP 43.17589	PHP 43.77173	PHP 44.32888	PHP 44.97214
	PHP	B	EUR 1 =	PHP 55.95164	PHP 58.58593	PHP 58.64922	PHP 59.99980
		S	EUR 1 =	PHP 57.64564	PHP 60.12923	PHP 60.19419	PHP 61.58034
Poland							
Warsaw 060	Polish zloty = 100 groszy	M	USD 1 =	PLN 3.1615	PLN 3.0507	PLN 3.0846	PLN 3.0120
	PLN	M	EUR 1 =	PLN 4.2110	PLN 4.1766	PLN 4.1998	PLN 4.1472
Portugal							
Lisbon 010	Euro = 100 cent	M	EUR 1 =	USD 1.3281	USD 1.3641	USD 1.3611	USD 1.3791
	EUR						
Qatar							
Doha 644	Qatari riyal = 100 dirham	B	USD 1 =	QAR 3.6300	QAR 3.6300	QAR 3.6300	QAR 3.6300
		S	USD 1 =	QAR 3.6502	QAR 3.6502	QAR 3.6502	QAR 3.6502
	QAR	B	EUR 1 =	QAR 4.773	QAR 4.915	QAR 4.869	QAR 4.947
		S	EUR 1 =	QAR 4.921	QAR 5.064	QAR 5.018	QAR 5.096
Romania							
Bucharest 066	Romanian leu = 100 bani	M	USD 1 =	RON 3.3279	RON 3.2441	RON 3.2644	RON 3.2551
	RON	M	EUR 1 =	RON 4.4157	RON 4.4306	RON 4.4412	RON 4.4847
Russian Federation							
Moscow 075	Russian rouble = 100 kopeken	M	USD 1 =	RUB 31.9063	RUB 32.0613	RUB 33.1916	RUB 32.7292
		M	EUR 1 =	RUB 42.5400	RUB 44.0586	RUB 45.1870	RUB 44.9699
	RUB						

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. 1 Explanatory notes on individual countries, see pp 63–65.

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 2013	Rate at end of month			
					October 2013	November 2013	December 2013	
Rwanda								
Kigali 324	Rwanda franc = 100 centimes	B	USD 1 =	RWF 641.625585	RWF 655.384586	RWF 660.277287	RWF 663.711584	
		S	USD 1 =	RWF 652.968803	RWF 667.956324	RWF 672.942879	RWF 676.443054	
	RWF	B	EUR 1 =	RWF 852.722791	RWF 901.809190	RWF 895.012466	RWF 913.466254	
		S	EUR 1 =	RWF 867.814464	RWF 919.107902	RWF 912.180802	RWF 930.988574	
	Saint Helena, Ascension and Tristan da Cunha							
	Jamestown 329	Saint Helena pound = 100 pence SHP	2 V	USD 1 =	SHP 0.63945	SHP 0.62327	SHP 0.61182	SHP 0.60452
2 V			EUR 1 =	SHP 0.84926	SHP 0.85020	SHP 0.83275	SHP 0.83370	
Saint Kitts and Nevis								
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 3.5702	XCD 3.6670	XCD 3.6589	XCD 3.7073	
		V, S	EUR 1 =	XCD 3.6083	XCD 3.7061	XCD 3.6980	XCD 3.7469	
Saint Lucia								
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 3.5702	XCD 3.6670	XCD 3.6589	XCD 3.7073	
		V, S	EUR 1 =	XCD 3.6083	XCD 3.7061	XCD 3.6980	XCD 3.7469	
Saint Vincent and the Grenadines								
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 3.5702	XCD 3.6670	XCD 3.6589	XCD 3.7073	
		V, S	EUR 1 =	XCD 3.6083	XCD 3.7061	XCD 3.6980	XCD 3.7469	
Samoa								
Apia 819	Tala = 100 sene	B	WST 1 =	USD 0.4401	USD 0.4413	USD 0.4354	USD 0.4351	
		S	WST 1 =	USD 0.4227	USD 0.4243	USD 0.4184	USD 0.4181	
	WST	B	WST 1 =	EUR 0.3500	EUR 0.3432	EUR 0.3386	EUR 0.3338	
		S	WST 1 =	EUR 0.3034	EUR 0.2982	EUR 0.2936	EUR 0.2888	
Sao Tome and Principe ¹								
São Tomé 311	Dobra = 100 céntimos	B	USD 1 =	STD 18,418.15	STD 17,811.70	STD 18,025.31	STD 17,775.52	
		S	USD 1 =	STD 18,694.42	STD 18,078.88	STD 18,295.69	STD 18,042.15	
	STD	M	EUR 1 =	STD 24,500.00	STD 24,500.00	STD 24,500.00	STD 24,500.00	
Saudi Arabia								
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 .	SAR 5.0382	SAR 4.9232	SAR .	
		S	EUR 1 =	SAR .	SAR 5.2953	SAR 5.2952	SAR .	

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65. ² Value (1:1) against the pound sterling.

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 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Senegal ¹							
Dakar 248	CFA franc XOF	²	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Serbia							
Belgrade 099	Serbian dinar = 100 para	B S	USD 1 =	RSD 84.7117	RSD 82.9498	RSD 83.4817	RSD 82.8788
			USD 1 =	RSD 85.2215	RSD 83.4490	RSD 83.9841	RSD 83.3776
	RSD	B S	EUR 1 =	RSD 112.7559	RSD 113.6662	RSD 113.7021	RSD 114.2982
			EUR 1 =	RSD 113.4344	RSD 114.3502	RSD 114.3863	RSD 114.9860
Seychelles							
Victoria 355	Seychelles rupee = 100 cents	B S	USD 1 =	SCR 11.8003	SCR 11.8351	SCR 11.7878	SCR 11.8046
			USD 1 =	SCR 12.2008	SCR 12.2383	SCR 12.2302	SCR 12.2476
	SCR	B S	EUR 1 =	SCR 15.7625	SCR 16.2097	SCR 16.1714	SCR 16.3873
			EUR 1 =	SCR 16.2259	SCR 16.7850	SCR 16.5947	SCR 16.7499
Sierra Leone							
Freetown 264	Leone = 100 cents	B S	USD 1 =	SLL 4,288.47	SLL 4,298.35	SLL 4,318.32	SLL 4,298.87 ³
			USD 1 =	SLL 4,375.11	SLL 4,385.18	SLL 4,405.56	SLL 4,385.72 ³
	SLL	V, B V, S	EUR 1 =	SLL 5,701.29	SLL 5,863.38	SLL 5,877.67	SLL 5,871.40 ³
			EUR 1 =	SLL 5,816.47	SLL 5,981.82	SLL 5,996.41	SLL 5,990.02 ³
Singapore ¹							
Singapore 706	Singapore dollar = 100 cents SGD	M M	USD 1 =	SGD 1.2512	SGD 1.2394	SGD 1.2555	SGD 1.2653
			EUR 1 =	SGD 1.6700	SGD 1.6996	SGD 1.7097	SGD 1.7452
Sint Maarten (southern part)							
Philipsburg 479	Netherlands Antillean guilder = 100 cent	B S	USD 1 =	ANG 1.78	ANG 1.78	ANG 1.78	ANG 1.78
			USD 1 =	ANG 1.82	ANG 1.82	ANG 1.82	ANG 1.82
	ANG	B S	EUR 100 =	ANG 237.09	ANG 242.95	ANG 242.42	ANG 245.62
			EUR 100 =	ANG 241.87	ANG 247.85	ANG 247.30	ANG 250.57
Slovakia							
Bratislava 063	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3281	USD 1.3641	USD 1.3611	USD 1.3791
Slovenia							
Ljubljana 091	Euro = 100 cent EUR	M	EUR 1 =	USD 1.3281	USD 1.3641	USD 1.3611	USD 1.3791
Solomon Islands							
Honiara 806	Solomon Islands dollar = 100 cents SBD	M M	SBD 1 =	USD 0.1370	USD 0.1359	USD 0.1377	USD 0.1359
			SBD 1 =	EUR 0.1034	EUR 0.0989	EUR 0.1013	EUR 0.0986

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65. ² Value against the euro. ³ Exchange rate as of 2 January 2014.

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 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Somalia ¹							
Mogadishu 342	Somali shilling	M	USD 1 =	.	.	.	.
	SOS	M	EUR 1 =	.	.	.	.
South Africa							
Pretoria Seat of Parliament: Cape Town 388	South African rand = 100 cents	B	USD 1 =	ZAR 9.4910	ZAR 9.7963	ZAR 9.9770	ZAR 10.3565
		S	USD 1 =	ZAR 9.8085	ZAR 10.1138	ZAR 10.2945	ZAR 10.6740
	ZAR	B	EUR 1 =	ZAR 12.7438	ZAR 13.3661	ZAR 13.5803	ZAR 14.2764
		S	EUR 1 =	ZAR 13.1955	ZAR 13.8207	ZAR 14.0349	ZAR 14.7339
South Sudan ¹							
Juba 225	South Sudanese pound = 100 piastres	M	USD 1 =	.	.	.	.
		M	EUR 1 =	.	.	.	.
	SSP						
Spain							
Madrid 011	Euro = 100 cent	M	EUR 1 =	USD 1.3281	USD 1.3641	USD 1.3611	USD 1.3791
	EUR						
Sri Lanka							
Colombo 669	Sri Lanka rupee = 100 cents	B	USD 1 =	LKR 127.64	LKR 129.41	LKR 129.58	LKR 129.44
		S	USD 1 =	LKR 130.83	LKR 132.67	LKR 132.84	LKR 132.34
	LKR	B	EUR 1 =	LKR 169.00	LKR 176.55	LKR 175.32	LKR 177.50
		S	EUR 1 =	LKR 174.84	LKR 182.91	LKR 181.64	LKR 183.39
Sudan							
Khartoum 224	Sudanese pound = 100 piastres	B	USD 1 =	SDG 4.8242	SDG 5.6721	SDG 5.6816	SDG 5.6816
		S	USD 1 =	SDG 4.8484	SDG 5.7005	SDG 5.7100	SDG 5.7100
	SDG	B	EUR 1 =	SDG 6.4382	SDG 7.7764	SDG 7.7150	SDG 7.8389
		S	EUR 1 =	SDG 6.4704	SDG 7.8153	SDG 7.7536	SDG 7.8781
Suriname							
Paramaribo 492	Suriname dollar = 100 cent	B	USD 1 =	SRD 3.250	SRD 3.250	SRD 3.250	SRD 3.250
		S	USD 1 =	SRD 3.350	SRD 3.350	SRD 3.350	SRD 3.350
	SRD	B	EUR 1 =	SRD 4.330	SRD 4.470	SRD 4.417	SRD 4.479
		S	EUR 1 =	SRD 4.463	SRD 4.608	SRD 4.553	SRD 4.617
Swaziland ¹							
Mbabane 393	Lilangeni = 100 cents	B	USD 1 =	SZL 9.7680	SZL 9.8522	SZL 10.1375	SZL 10.4548
		S	USD 1 =	SZL 9.8029	SZL 9.9522	SZL 10.2370	SZL 10.4648
	SZL	B	EUR 1 =	SZL 13.00132	SZL 13.5409	SZL 13.7971	SZL 14.4182
		S	EUR 1 =	SZL 13.05073	SZL 13.6803	SZL 13.9346	SZL 14.4362
Sweden							
Stockholm 030	Swedish krona = 100 öre	B	USD 1 =	SEK 6.4816	SEK 6.3883	SEK 6.5384	SEK 6.4759
		S	USD 1 =	SEK 6.5451	SEK 6.4558	SEK 6.6059	SEK 6.5434
	SEK	B	EUR 1 =	SEK 8.6606	SEK 8.7860	SEK 8.9210	SEK 8.9265
		S	EUR 1 =	SEK 8.7121	SEK 8.8375	SEK 8.9725	SEK 8.9780

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65.

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 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Switzerland							
Berne 039	Swiss franc = 100 rappen / centimes	B	USD 1 =	CHF 0.9269	CHF 0.9001	CHF 0.9051	CHF 0.8908
		B	EUR 1 =	CHF 1.2293	CHF 1.2331	CHF 1.2323	CHF 1.2264
	CHF						
Syrian Arab Republic							
Damascus 608	Syrian pound = 100 piastres	B	USD 1 =	SYP 111.30	SYP 138.64	SYP 140.24	SYP 141.37
		S	USD 1 =	SYP 111.97	SYP 139.47	SYP 141.08	SYP 142.22
	B	EUR 1 =	SYP 148.48	SYP 189.81	SYP 190.49	SYP 194.90	
	S	EUR 1 =	SYP 149.52	SYP 191.14	SYP 191.83	SYP 196.27	
	SYP						
Tajikistan							
Dushanbe 082	Somoni = 100 diram	M	USD 1 =	TJS 4.7644	TJS 4.7725	TJS 4.7747	TJS 4.7741
		M	EUR 1 =	TJS 6.2665	TJS 6.6106	TJS 6.5158	TJS 6.5772
	TJS						
Tanzania, United Republic of							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents	B	USD 1 =	TZS 1,589.3878	TZS 1,593.5446	TZS 1,599.6436	TZS 1,566.1782
		S	USD 1 =	TZS 1,605.2817	TZS 1,609.4800	TZS 1,615.6400	TZS 1,581.8400
	B	EUR 1 =	TZS 2,116.8388	TZS 2,192.3986	TZS 2,178.0747	TZS 2,158.6634	
	S	EUR 1 =	TZS 2,138.3020	TZS 2,214.6445	TZS 2,200.5017	TZS 2,180.4083	
	TZS						
Thailand							
Bangkok 680	Thai baht = 100 satang	B	USD 1 =	THB 30.6137	THB 30.9492	THB 31.9583	THB 32.6778
		S	USD 1 =	THB 30.8924	THB 31.2264	THB 32.2395	THB 32.9494
	B	EUR 1 =	THB 40.7873	THB 42.3680	THB 43.3765	THB 44.7210	
	S	EUR 1 =	THB 41.3808	THB 42.9712	THB 43.9885	THB 45.3223	
	THB						
Togo ¹							
Lomé 280	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
Tonga							
Nuku'alofa 817	Pa'anga = 100 seniti	B	TOP 1 =	USD .	USD 0.5688	USD .	USD .
		S	TOP 1 =	USD .	USD 0.5468	USD .	USD .
	B	TOP 1 =	EUR .	EUR 0.4295	EUR .	EUR .	
	S	TOP 1 =	EUR .	EUR 0.3845	EUR .	EUR .	
	TOP						
Trinidad and Tobago							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents	B	USD 1 =	TTD 6.3798	TTD 6.4138	TTD 6.3131	TTD 6.4105
		S	USD 1 =	TTD 6.4423	TTD 6.4461	TTD 6.4465	TTD 6.4665
	B	EUR 1 =	TTD 8.3252	TTD 8.5692	TTD 8.4764	TTD 8.6031	
	S	EUR 1 =	TTD 8.6988	TTD 8.9956	TTD 8.8159	TTD 9.0340	
	TTD						

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65. ² Value against the euro.

IV Overview of world currencies *

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

Country 1 Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Tunisia							
Tunis 212	Tunisian dinar = 1,000 millimes	B	USD 1 =	TND 1.6152	TND 1.6401	TND 1.6633	TND 1.6397
		S	USD 1 =	TND 1.6184	TND 1.6434	TND 1.6666	TND 1.6429
	TND	B	EUR 1 =	TND 2.1480	TND 2.2336	TND 2.2635	TND 2.2583
		S	EUR 1 =	TND 2.1522	TND 2.2380	TND 2.2680	TND 2.2628
Turkey							
Ankara 052	Turkish lira = 100 kuruş	B	USD 1 =	TRY 1.8998	TRY 1.9888	TRY 2.0166	TRY 2.1343
		S	USD 1 =	TRY 1.9040	TRY 1.9923	TRY 2.0203	TRY 2.1381
	TRY	B	EUR 1 =	TRY 2.5630	TRY 2.7361	TRY 2.7423	TRY 2.9365
		S	EUR 1 =	TRY 2.5682	TRY 2.7410	TRY 2.7473	TRY 2.9418
Turkmenistan							
Ashgabat 080	Turkmen manat = 100 tenge TMT	M	USD 1 =	TMT 2.85	TMT 2.85	TMT 2.85	TMT 2.85
		M	EUR 1 =	TMT 3.7896	TMT 3.9207	TMT 3.8780	TMT 3.9162
Uganda							
Kampala 350	Uganda shilling	B	USD 1 =	UGX 2,579.39	UGX 2,524.50	UGX 2,519.62	UGX 2,522.98
		S	USD 1 =	UGX 2,588.27	UGX 2,529.24	UGX 2,529.35	UGX 2,532.93
	UGX	B	EUR 1 =	UGX 3,434.57	UGX 3,476.24	UGX 3,426.68	UGX 3,484.74
		S	EUR 1 =	UGX 3,446.38	UGX 3,482.76	UGX 3,439.92	UGX 3,498.48
Ukraine							
Kyiv 072	Hryvnia = 100 kopiyok UAH	M	USD 100 =	UAH 799.30	UAH 799.30	UAH 799.30	UAH 799.30
		M	EUR 100 =	UAH 1,062.4695	UAH 1,099.4372	UAH 1,086.4086	UAH 1,104.1530
United Arab Emirates ¹							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils	B	USD 1 =	AED 3.653	AED 3.653	AED 3.653	AED 3.653
		S	USD 1 =	AED 3.685	AED 3.685	AED 3.685	AED 3.685
	AED	B	EUR 1 =	AED 4.80870	AED 4.94290	AED 4.97210 V	AED 5.03785 V
		S	EUR 1 =	AED 4.98033	AED 5.14288	AED 5.01565 V	AED 5.08198 V
United Kingdom ¹							
London 006	Pound sterling = 100 pence GBP	M	GBP 1 =	USD 1.5644	USD 1.6067	USD 1.6383	USD 1.6528
		M	EUR 1 =	GBP 0.8497	GBP 0.8461	GBP 0.8311	GBP 0.8331
United States							
Washington 400	US dollar = 100 cents	B	EUR 1 =	USD 1.3305	USD 1.3578	USD 1.3582	USD 1.3756
		S	EUR 1 =	USD 1.3307	USD 1.3581	USD 1.3584	USD 1.3760
	USD	B	GBP 1 =	USD 1.5637	USD 1.6030	USD 1.6352	USD 1.6564
		S	GBP 1 =	USD 1.5641	USD 1.6035	USD 1.6357	USD 1.6568

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65.

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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 2013	Rate at end of month		
					October 2013	November 2013	December 2013
Uruguay							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M	USD 1 =	UYU 20.458	UYU 21.523	UYU 21.159	UYU 21.389
		M	EUR 1 =	UYU 27.212	UYU 29.291	UYU 28.773	UYU 29.565
Uzbekistan							
Tashkent 081	Uzbekistan sum = 100 tijin UZS	M	USD 1 =	UZS 2,099.11	UZS 2,173.94	UZS 2,190.67	UZS 2,202.20
		M	EUR 1 =	UZS 2,785.42	UZS 2,950.08	UZS 2,974.05	UZS 3,031.90
Vanuatu							
Port Vila 816	Vatu VUV	B	USD 1 =	VUV 94.46	VUV 94.37	VUV 96.35	VUV 96.77
		S	USD 1 =	VUV 99.20	VUV 99.11	VUV 101.19	VUV 101.64
		B	EUR 1 =	VUV 125.54	VUV 129.37	VUV 130.53	VUV 133.26
		S	EUR 1 =	VUV 130.34	VUV 134.32	VUV 135.53	VUV 138.36
Venezuela, Bolivarian Republic of ¹							
Caracas 484	Bolívar = 100 céntimos VEF	B	USD 1 =	VEF 6.1180	VEF 6.2842	VEF 6.2842	VEF 6.2842
		S	USD 1 =	VEF 6.1333	VEF 6.3000	VEF 6.3000	VEF 6.3000
		B	EUR 1 =	VEF 8.02083401	VEF 8.53205834	VEF 8.53708570	VEF 8.67031074
		S	EUR 1 =	VEF 8.04237982	VEF 8.55414000	VEF 8.55918000	VEF 8.69274000
Viet Nam							
Hanoi 690	Dong = 10 hào = 100 xu VND	B	USD 1 =	VND 21,020	VND 21,080	VND 21,080	VND 21,085
		S	USD 1 =	VND 21,077	VND 21,120	VND 21,120	VND 21,135
		B	EUR 1 =	VND 27,821.48	VND 28,799.60	VND 28,510.31	VND 28,945.39
		S	EUR 1 =	VND 28,264.84	VND 29,174.92	VND 28,881.86	VND 29,322.60
Yemen							
Sana'a 653	Yemeni rial = 100 fils YER	B	USD 1 =	YER 214.87	YER 214.87	YER 214.87	YER 214.87
		S	USD 1 =	YER 214.91	YER 214.91	YER 214.91	YER 214.91
		B	EUR 1 =	YER 285.86	YER 295.24	YER 292.09	YER 295.06
		S	EUR 1 =	YER 285.91	YER 295.30	YER 292.15	YER 295.11
Zambia							
Lusaka 378	Kwacha = 100 ngwee ZMW	B	USD 1 =	ZMW 5.4030	ZMW 5.4641	ZMW 5.5107	ZMW 5.5076
		S	USD 1 =	ZMW 5.4222	ZMW 5.4841	ZMW 5.5307	ZMW 5.5176
		B	EUR 1 =	ZMW 7.1744	ZMW 7.4530	ZMW 7.4995	ZMW 7.5846
		S	EUR 1 =	ZMW 7.2006	ZMW 7.4808	ZMW 7.5272	ZMW 7.5994
Zimbabwe ¹							
Harare 382	Zimbabwe dollar = 100 cents ZWL	M	USD 1 =	.	.	.	.
		M	EUR 1 =	.	.	.	.

Source: Central bank or a commercial bank of the country concerned. * See Explanatory notes, p 59. ¹ Explanatory notes on individual countries, see pp 63–65.

IV Overview of world currencies *

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

As of end-December 2013

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

Sources: Central banks and The Statesman's Yearbook. * See Explanatory notes, p 59. ¹ Local currency is also in use.

V Value of the special drawing right in selected currencies *

1 End of year

SDR 1 = CU ...

Period	US dollar USD	Euro EUR	Pound sterling GBP	Japanese yen JPY	Canadian dollar CAD	Swiss franc CHF	Swedish krona SEK	Danish krone DKK	Norwegian krone NOK
1999	1.37251	1.36467	0.848150	140.111	1.98094	2.19297	11.6873	10.1549	11.0218
2000	1.30291	1.40022	0.873149	149.704	1.95462	2.13221	12.4232	10.4500	11.5288
2001	1.25673	1.42474	0.866469	165.491	2.00147	2.10605	13.3943	10.5685	11.3251
2002	1.35952	1.29639	0.843483	162.414	2.14750	1.88539	11.9542	9.62844	9.47006
2003	1.48597	1.17654	0.832619	158.575	1.92047	1.83800	10.7715	8.82099	9.91886
2004	1.55301	1.14016	0.804085	161.161	1.86920	1.75738	10.2351	8.46296	9.37796
2005	1.42927	1.21155	0.830055	168.610	1.66418	1.87848	11.3363	9.03881	9.67427
2006	1.50440	1.14229	0.766377	178.948	1.75308	1.83582	10.3390	8.51702	9.41017
2007	1.58025	1.07346	0.788780	179.947	1.56144	1.77857	10.2088	8.02021	8.55074
2008	1.54027	1.10675	1.05657	140.464	1.88621	1.63839	12.0833	8.18003	10.7802
2009	1.56769	1.08822	0.968007	143.797	1.64075	1.61551	11.3070	8.10688	9.05608
2010	1.54003	1.15966	0.997755	125.436	1.54142	1.44702	10.4761	8.64469	9.06742
2011	1.53527	1.18654	0.992989	119.321	1.56254	1.44453	10.6293	8.82099	9.20039
2012	1.53692	1.16583	0.953662	133.020	1.52954	1.40874	10.0140	8.69762	8.55432
2013	1.54000	1.11732	0.935148	162.162	1.63856	1.37291	10.0229	8.33556	9.41398

Source: IMF, Washington. * See Explanatory notes, pp 61–62. 1 ISO currency code: XDR.

2 End of month

SDR 1 = CU ...

Period	US dollar USD	Euro EUR	Pound sterling GBP	Japanese yen JPY	Canadian dollar CAD	Swiss franc CHF	Swedish krona SEK	Danish krone DKK	Norwegian krone NOK
2010 May	1.47433	1.19051	1.01120	134.606	1.54790	1.69430	11.5698	8.85865	9.47831
June	1.47890	1.20520	0.984291	131.030	1.56852	1.59898	11.4947	8.97722	9.60836
July	1.51852	1.16558	0.974906	131.352	1.56255	1.57835	10.9827	8.68470	9.25523
Aug	1.50891	1.18999	0.979557	127.126	1.60533	1.54090	11.2150	8.85928	9.54918
Sep	1.55619	1.14023	0.977871	129.786	1.60256	1.51417	10.4848	8.49697	9.08538
Oct	1.57179	1.13429	0.987177	126.654	1.60133	1.55481	10.6488	8.45745	9.29213
Nov	1.52578	1.17385	0.982598	128.394	1.56606	1.52242	10.6919	8.74868	9.49767
Dec	1.54003	1.15966	0.997755	125.436	1.54142	1.44702	10.4761	8.64469	9.06742
2011 Jan	1.56194	1.14077	0.982907	128.157	1.56537	1.47306	10.2112	8.50362	9.04282
Feb	1.57305	1.13709	0.968983	128.518	1.53199	1.46026	10.0714	8.47860	8.76586
Mar	1.58550	1.11600	0.98528	131.803	1.54079	1.45042	9.99261	8.32168	8.74172
Apr	1.62096	1.09082	0.972479	132.910	1.53764	1.40440	9.73388	8.13491	8.48882
May	1.60077	1.11280	0.969989	129.422	1.55083	1.36514	9.82724	8.29710	8.63424
June	1.60045	1.10735	0.99978	129.188	1.54331	1.33541	10.0972	8.25941	8.62351
July	1.59900	1.12132	0.982608	124.002	1.52512	1.28096	10.1859	8.35317	8.67566
Aug	1.60936	1.11374	0.988181	123.261	1.57460	1.30278	10.2248	8.29869	8.61987
Sep	1.56162	1.15650	1.00136	119.667	1.62237	1.40765	10.7088	8.60630	9.12251
Oct	1.58590	1.13271	0.989707	125.603	1.57559	1.38053	10.2169	8.42957	8.72357
Nov	1.55156	1.15632	0.994075	121.099	1.58212	1.43007	10.7459	8.59964	8.96507
Dec	1.53527	1.18654	0.992989	119.321	1.56254	1.44453	10.6293	8.82099	9.20039
2012 Jan	1.55108	1.17720	0.982386	118.441	1.55915	1.41707	10.4728	8.75197	9.01274
Feb	1.55602	1.15750	0.975991	125.493	1.53517	1.39529	10.2052	8.60667	8.61245
Mar	1.54909	1.15984	0.967633	127.257	1.54769	1.39898	10.2563	8.62917	8.81943
Apr	1.55055	1.17341	0.953534	125.735	1.53256	1.40976	10.4211	8.72882	8.90321
May	1.51026	1.21765	0.974108	119.008	1.56296	1.46344	10.9270	9.04945	9.16103
June	1.51755	1.20536	0.972602	120.342	1.54653	1.44987	10.5670	8.95993	9.07993
July	1.50833	1.22788	0.961575	117.876	1.51044	1.47530	10.2610	9.13626	9.11278
Aug	1.52201	1.20689	0.960929	119.402	1.50116	1.45200	10.1599	8.99297	8.80134
Sep	1.54219	1.19272	0.952499	119.628	1.51705	1.44272	10.0680	8.89229	8.78974
Oct	1.54057	1.18569	0.955922	122.691	1.53995	1.43057	10.2185	8.84502	8.75695
Nov	1.53481	1.18190	0.955849	126.545	1.52437	1.41970	10.2063	8.81686	8.71771
Dec	1.53692	1.16583	0.953662	133.020	1.52954	1.40874	10.0140	8.69762	8.55432
2013 Jan	1.54134	1.13752	0.976582	140.369	1.54010	1.40508	9.80286	8.48738	8.45745
Feb	1.51483	1.15380	0.997128	140.092	1.55800	1.41000	9.7482	8.60274	8.63849
Mar	1.49920	1.16987	0.990619	140.999	1.52139	1.42738	9.76134	8.73332	8.71612
Apr	1.50900	1.15437	0.974488	147.746	1.51986	1.41288	9.89844	8.60704	8.78194
May	1.49877	1.15237	0.985125	151.420	1.54958	1.42892	9.87264	8.59166	8.77408
June	1.50396	1.14982	0.987430	148.696	1.57594	1.42094	10.0970	8.57618	9.06569
July	1.51326	1.13993	0.995827	148.390	1.55669	1.40521	9.94194	8.49755	8.96604
Aug	1.51528	1.14490	0.977536	148.997	1.59907	1.40951	9.99111	8.54022	9.26286
Sep	1.53408	1.13594	0.949722	149.957	1.57780	1.38865	9.86368	8.47185	9.21693
Oct	1.53804	1.12751	0.959058	151.466	1.60402	1.39100	9.87547	8.40986	9.13734
Nov	1.53521	1.12916	0.940751	155.624	1.62655	1.38905	10.0835	8.42197	9.31897
Dec	1.54000	1.11732	0.935148	162.162	1.63856	1.37291	10.0229	8.33556	9.41398

Source: IMF, Washington. * See Explanatory notes, pp 61–62. 1 ISO currency code: XDR.

V Value of the special drawing right in selected currencies *

3 Daily rates

SDR 1 = CU ...

Period	US dollar USD	Euro EUR	Pound sterling GBP	Japanese yen JPY	Canadian dollar CAD	Swiss franc CHF	Swedish krona SEK	Danish krone DKK	Norwegian krona NOK	
2013 Oct	1	1.53688	1.13389	0.946934	151.183	1.58806	1.38934	9.76811	8.45680	9.21973
	2	1.53596	1.13649	0.948011	150.601	1.58696	1.38989	9.80834	8.47666	9.24189
	3	1.53909	1.13218	0.949172	150.292	1.58880	1.38764	9.79797	8.44573	9.18080
	4	1.53770	1.13124	0.958185	149.541	1.58475	1.38793	9.76935	8.43889	9.17945
	7	1.53747	1.13283	0.956736	149.319	1.58452	1.38941	9.83932	8.45059	9.20658
	8	1.53722	1.13231	0.955868	148.726	1.58810	1.39134	9.85047	8.44687	9.15139
	9	1.53353	1.13469	0.960135	149.305	1.59441	1.39505	9.88680	8.46418	9.20226
	10	1.53276	1.13269	0.961705	149.705	1.59147	1.39497	9.93197	8.44923	9.27670
	11	1.53440	1.13106	0.960384	150.816	1.59348	1.39308	9.96333	8.43690	9.19380
	15	1.53002	1.13394	0.960892	150.677	1.58679	1.40303	9.87596	8.45780	9.20539
	16	1.53396	1.13116	0.956810	151.172	1.58689	1.39805	9.98921	8.43725	9.20361
	17	1.53798	1.12573	0.957643	151.952	1.58181	1.39018	9.92733	8.39673	9.13526
	18	1.54327	1.12779	0.951937	151.395	1.58757	1.39003	9.89257	8.41177	9.13342
	21	1.54134	1.12778	0.953380	151.128	1.58711	1.39213	9.90187	8.41248	9.12592
	22	1.54042	1.12653	0.954827	151.455	1.58417	1.39162	9.86982	8.40350	9.16263
	23	1.54475	1.12329	0.957680	150.458	1.60422	1.38316	9.85950	8.37935	9.13901
	24	1.54781	1.12120	0.956498	150.850	1.61313	1.37879	9.87411	8.36358	9.10531
	25	1.54801	1.12362	0.955621	150.560	1.61768	1.38454	9.80729	8.38111	9.14286
	28	1.54724	1.12249	0.955795	150.949	1.61609	1.38354	9.77546	8.37339	9.12575
	29	1.54400	1.12144	0.960855	150.632	1.61270	1.38666	9.82801	8.36477	9.10556
	30	1.54354	1.12217	0.960864	151.576	1.61392	1.38517	9.85795	8.36981	9.06709
	31	1.53804	1.12751	0.959058	151.466	1.60402	1.39100	9.87547	8.40986	9.13734
Nov	1	1.53175	1.13421	0.960043	150.035	1.59960	1.39404	9.97656	8.45938	9.12584
	4	1.53128	1.13378	0.958727	.	1.59483	1.39653	9.98682	8.45616	9.08893
	5	1.53200	1.13532	0.954636	150.871	1.60063	1.39657	10.0042	8.46747	9.14160
	6	1.53268	1.13389	0.952744	151.031	1.59690	1.39689	9.97198	8.45809	9.12834
	7	1.53241	1.14658	0.952935	151.172	1.60014	1.39771	9.95243	8.55205	9.19109
	8	1.52934	1.13867	0.951375	150.181	1.60382	1.40180	10.0115	8.49293	9.30908
	11	1.52625	1.13950	0.954326	151.053	.	1.40446	10.0617	8.49907	9.35130
	12	1.52377	1.13444	0.959739	151.585	1.60027	1.40324	10.0877	8.46059	9.41522
	13	1.52637	1.13781	0.956069	151.950	1.59780	1.40136	10.1661	8.48680	9.48704
	14	1.52707	1.13655	0.953289	152.219	1.60297	1.40247	10.1631	8.47738	9.46862
	15	1.52788	1.13512	0.950354	153.170	1.59785	1.40305	10.1706	8.46676	9.36882
	18	1.53097	1.13263	0.950977	153.495	1.59635	1.39778	10.1588	8.44809	9.36514
	19	1.53037	1.13344	0.952018	152.807	1.60168	1.39815	10.1167	8.45373	9.32653
	20	1.53247	1.13290	0.949433	153.401	1.60067	1.39516	10.1519	8.45037	9.32140
	21	1.52870	1.13472	0.947795	153.557	1.60605	1.39769	10.1764	8.46382	9.31203
	22	1.53096	1.13253	0.945269	154.979	1.61286	1.39424	10.1035	8.44702	9.29411
	25	1.53096	1.13287	0.944751	155.668	1.61578	1.39364	10.0825	8.44951	9.37497
	26	1.53201	1.13089	0.946683	155.499	1.61581	1.39260	10.0301	8.43462	9.35078
	27	1.53521	1.12916	0.940751	155.624	1.62655	1.38905	10.0835	8.42197	9.31897
Dec	2	1.53204	1.13183	0.935252	156.958	1.62917	1.39431	9.9943	8.44324	9.40486
	3	1.53439	1.13005	0.933951	158.165	1.63596	1.38923	10.0400	8.42943	9.36821
	4	1.53450	1.12898	0.937787	157.409	1.64131	1.38504	9.9930	8.42155	9.38245
	5	1.53469	1.12895	0.938941	157.199	1.63261	1.38445	9.98622	8.42148	9.48713
	6	1.53829	1.12605	0.940389	156.675	1.64028	1.37785	9.9986	8.40033	9.49713
	9	1.53945	1.12189	0.939841	158.687	1.63813	1.37273	10.0240	8.36953	9.45582
	10	1.54120	1.12088	0.937532	159.176	.	.	.	.	.
	11	1.54219	1.12021	0.941620	158.691	1.63580	1.36885	10.0922	8.35743	9.43387
	12	1.54311	1.12023	0.940805	158.416	1.64203	1.36673	10.1214	8.35764	9.49550
	13	1.53787	1.12033	0.945046	159.324	1.62938	1.36963	10.1644	8.35883	9.51158
	16	1.54178	1.11918	0.944546	159.065	1.63074	1.36570	10.1214	8.34962	9.43966
	17	1.53983	1.11996	0.947006	158.680	1.63376	1.36660	10.1110	8.35575	9.47490
	18	1.54062	1.12053	0.942045	158.684	1.63999	1.36884	10.0667	8.35988	9.38950
	19	1.53696	1.12458	0.938773	160.028	1.64086	1.37481	10.0456	8.38933	9.42738
	20	1.53470	1.12391	0.939346	160.330	1.63906	1.37831	10.1075	8.38511	9.45877
	23	1.53676	1.12156	0.939514	.	1.62943	1.37602	10.1014	8.36813	9.41832
	24	1.53628	1.12268	0.939046	160.081	1.63138	1.37497	.	.	.
	26	1.53695	.	.	160.919	.	1.37649	.	.	.
	27	1.54521	1.11858	0.934283	162.092	1.65291	1.36457	10.0647	8.34446	9.44930
	30	1.54000	1.11732	0.935148	162.162	1.63856	1.37291	10.0229	8.33556	9.41398
2014 Jan	2	1.53734	1.12560	0.930198	.	1.63465	1.38053	9.95689	8.39511	9.45787
	3	1.53559	1.12629	0.932749	.	1.62987	1.38449	10.0028	8.40061	9.41407
	6	1.53296	1.12701	0.935988	160.485	1.63398	1.38671	.	8.40689	9.45555
	7	1.53485	1.12517	0.935375	160.331	1.64874	1.39165	9.9937	8.39377	9.43459
	8	1.53230	1.12719	0.933027	160.739	1.65550	1.39608	10.0139	8.40944	9.48083
	9	1.53323	1.12638	0.931888	160.759	1.66371	1.39432	10.0747	8.40379	9.46997
	10	1.53261	1.12800	0.933210	160.817	1.67315	1.39146	10.0240	8.41723	9.47795
	13	1.53770	1.12619	0.934885	.	1.67133	1.38839	9.97695	8.40371	9.41717

VI Global exchange rate arrangements and monetary policy framework *

As of end-April 2012

Exchange rate arrangement	Monetary Policy Framework						
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework	Other ¹
	US dollar	Euro	Exchange rate anchor Composite	Other			
No separate legal tender	Ecuador El Salvador Marshall Islands Micronesia, Federated States of Palau Panama Timor-Leste Zimbabwe	Kosovo Montenegro San Marino		Kiribati Tuvalu			
Currency board	Djibouti Hong Kong ECCU ² Antigua and Barbuda Dominica Grenada Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines	Bosnia and Herzegovina Bulgaria Lithuania ³		Brunei Darussalam			
Conventional peg	Aruba Bahamas Bahrain Barbados Belize Curaçao and Sint Maarten (southern part) Eritrea Jordan Oman Qatar Saudi Arabia Turkmenistan United Arab Emirates Venezuela, Bolivarian Republic of	Cape Verde Comoros Denmark ³ Latvia ³ Sao Tome and Principe WAEMU ⁴ Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo CAEMC ⁵ Cameroon Central African Republic Chad Congo Equatorial Guinea Gabon	Fiji Kuwait Libya Morocco Samoa	Bhutan Lesotho Namibia Nepal Swaziland			
Stabilised arrangement	Cambodia Guyana Iraq Lebanon Maldives Suriname Trinidad and Tobago	Macedonia	Viet Nam ⁶		Tajikistan ^{6 7} Ukraine ⁶	Guatemala ⁶	Angola ^{6 7} Azerbaijan ⁶ Egypt ^{7 8} Lao People's Democratic Republic ⁶
Crawling peg	Nicaragua		Botswana				Bolivia, Plurinational State of ^{6 7}
Crawl-like arrangement	Ethiopia Honduras Jamaica Kazakhstan	Croatia			Argentina ⁶ China ⁶ Rwanda ⁶ Uzbekistan ⁶	Dominican Republic ⁶	Haiti ⁶ Tunisia ⁸

VI Global exchange rate arrangements and monetary policy framework *

As of end-April 2012

Exchange rate arrangement	Monetary Policy Framework						
	Exchange rate target				Monetary aggregate target	Inflation-targeting framework	Other ¹
	US dollar	Euro	Exchange rate anchor Composite	Other			
Pegged exchange rate within horizontal bands			Tonga				
Other managed arrangement	Liberia ⁷		Algeria Iran, Islamic Republic of Singapore ⁷ Syrian Arab Republic ⁷ Vanuatu		Bangladesh Burundi Congo, Democratic Republic of the Guinea Kyrgyzstan Malawi Nigeria Paraguay Yemen		Belarus Costa Rica Malaysia Mauritania Myanmar Russian Federation Solomon Islands Sudan Switzerland
Floating					Afghanistan Gambia Kenya Madagascar Mongolia Mozambique Pakistan ⁷ Papua New Guinea Seychelles Sierra Leone Sri Lanka Tanzania, United Republic of Uganda Zambia	Albania Armenia ⁹ Brazil Colombia Georgia ⁹ Ghana Hungary Iceland Indonesia Korea, Republic of Moldova, Republic of Peru Philippines Romania Serbia South Africa Thailand Turkey Uruguay	India Mauritius
Free floating						Australia Canada Chile Czech Republic Israel Mexico New Zealand Norway Poland Sweden United Kingdom	Japan Somalia United States EMU Austria Belgium Cyprus Estonia Finland France Germany Greece Ireland Italy Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain

Source: Annual Report on Exchange Arrangements and Exchange Restrictions 2012, Table 1, IMF, Washington. * See Explanatory notes, p 62. ¹ Includes countries that have no explicitly stated nominal anchor, but rather monitor various indicators in conducting monetary policy. ² The members participate in the Eastern Caribbean Currency Union. ³ The member participates in ERM II. ⁴ The members participate in the West African Economic and Monetary Union. ⁵ The members participate in the

Central African Economic and Monetary Community. ⁶ The de facto monetary policy framework is an exchange rate anchor to the US dollar. ⁷ The exchange rate arrangement was reclassified retroactively, overriding a previously published classification. ⁸ The de facto monetary policy framework is an exchange rate anchor to a composite. ⁹ The central bank has taken preliminary steps toward inflation targeting and is preparing for the transition to full-fledged inflation targeting.

VII ISO currency codes *

As of end-December 2013

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

* Extracted and compiled from ISO communications. ¹ See Explanatory notes on individual countries, pp 63–65.

Excerpts from official notifications and announcements on the euro and Exchange Rate Mechanism II

Council Regulation (EC) No 2866/98

of 31 December 1998 on the conversion rates between the euro and the currencies of the Member States adopting the euro (published in the Official Journal of the European Communities L 359 of 31 December 1998)

The Council of the European Union,

Having regard to the Treaty establishing the European Community¹, and in particular Article 109I(4), first sentence thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

(1) Whereas according to Article 109j(4) of the Treaty, the third stage of Economic and Monetary Union shall start on 1 January 1999; whereas the Council, meeting in the composition of Heads of State or Government, has confirmed on 3 May 1998 that Belgium, Germany, Spain, France, Ireland, Italy, Luxembourg, the Netherlands, Austria, Portugal and Finland fulfil the necessary conditions for the adoption of a single currency on 1 January 1999;

(2) Whereas according to Council Regulation (EC) No 974/98 of 3 May 1998 on the introduction of the euro, the euro shall be the currency of the Member States which adopt the single currency as from 1 January 1999; whereas the introduction of the euro requires the adoption of the conversion rates at which the euro will be substituted for the national currencies and at which rates the euro will be divided into national currency units; whereas the conversion rates in Article 1 are the conversion rates referred to in the third indent of Article 1 of Regulation (EC) No 974/98;

(3) Whereas according to Council Regulation (EC) No 1103/97 of 17 June 1997 on certain provisions relating to the introduction of the euro, every reference to the ECU in a legal instrument shall be replaced by a reference to

the euro at a rate of one euro to one ECU; whereas Article 109I(4), second sentence, of the Treaty, provides that the adoption of the conversion rates shall by itself not modify the external value of the ECU; whereas this is ensured by adopting as the conversion rates, the exchange rates against the ECU of the currencies of the Member States adopting the euro, as calculated by the Commission on 31 December 1998 according to the established procedure for the calculation of the daily official ECU rates;

(4) Whereas the Ministers of the Member States adopting the euro as their single currency, the Governors of the Central Banks of these Member States, the Commission and the European Monetary Institute/the European Central Bank, have issued two Communiqués on the determination and on the adoption of the irrevocable conversion rates for the euro dated 3 May 1998 and 26 September 1998, respectively;

(5) Whereas Regulation (EC) No 1103/97 stipulates that the conversion rates shall be adopted as one euro expressed in terms of each of the national currencies of the Member States adopting the euro; whereas in order to ensure a high degree of accuracy, these rates will be adopted with six significant figures and no inverse rates nor bilateral rates between the currencies of the Member States adopting the euro will be defined,

has adopted this Regulation:

Article 1

The irrevocably fixed conversion rates between the euro and the currencies of the Member States adopting the euro are:

¹ Editorial note: in the wording of the Treaty of Maastricht of 7 February 1992.

1 euro =	40.3399	Belgian francs
=	1.95583	German marks
=	166.386	Spanish pesetas
=	6.55957	French francs
=	0.787564	Irish pounds
=	1936.27	Italian lire
=	40.3399	Luxembourg francs
=	2.20371	Dutch guilders
=	13.7603	Austrian schillings
=	200.482	Portuguese escudos
=	5.94573	Finnish marks.

Article 2

This Regulation shall enter into force on 1 January 1999.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Communiqué of the European Union of 31 December 1998

The ministers of the euro-area Member States of the European Community, the European Central Bank and the ministers and the central bank governors of Denmark and Greece have decided, following a common procedure involving the European Commission and after consultation of the Monetary Committee, to fix the central rates of the participant currencies in the Exchange Rate Mechanism which comes into operation on 1 January 1999.

The euro central rates of the Danish krone and Greek drachma are as follows (units of national currency per euro):

Danish krone	7.46038
Greek drachma	353.109

A fluctuation band of plus or minus 2.25% will be observed around the central rate for the Danish krone. The standard fluctuation band of plus or minus 15% will be observed around the central rate for the Greek drachma. The compulsory intervention points in the exchange rate mechanism will be communicated by the ECB and the central banks of Denmark and Greece in time for the opening of foreign exchange markets on 4 January 1999.

Council Regulation (EC) No 1478/2000

of 19 June 2000 amending Regulation (EC)
No 2866/98 on the conversion rates between
the euro and the currencies of the Member
States adopting the euro (published in the
Official Journal of the European Communities
L 167 of 7 July 2000)

The Council of the European Union,

Having regard to the Treaty establishing the European Community¹, and in particular Article 123(5) thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

(1) Council Regulation (EC) No 2866/98 of 31 December 1998 on the conversion rates between the euro and the currencies of the Member States adopting the euro determines the conversion rates as from 1 January 1999 pursuant to Council Regulation (EC) No 974/98 of 3 May 1998 on the introduction of the euro.

(2) Council Decision 98/317/EC of 3 May 1998 in accordance with Article 121(4) of the Treaty stipulated that Greece did not fulfil the necessary conditions for the adoption of the single currency.

(3) Pursuant to Council Decision 2000/427/EC of 19 June 2000 in accordance with Article 122(2) of the Treaty on the adoption by Greece of the single currency on 1 January 2001 Greece now fulfils the necessary conditions, and the derogation of Greece should be abrogated with effect from 1 January 2001.

(4) The introduction of the euro in Greece requires the adoption of the conversion rate between the euro and the drachma,

¹ Editorial note: in the wording of the Treaty of Amsterdam of 2 October 1997.

has adopted this Regulation:

Article 1

In the list of conversion rates in Article 1 of Regulation (EC) No 2866/98, the following shall be inserted between the rates of the German mark and the Spanish peseta:

"= 340.750 Greek drachma".

Article 2

This Regulation shall enter into force on 1 January 2001.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Communiqué of the European Union of 27 June 2004

At the request of the Lithuanian authorities, the ministers of the euro area Member States of the European Union, the President of the European Central Bank and the ministers and the central bank governors of Denmark and Lithuania have decided, by mutual agreement, following a common procedure involving the European Commission and after consultation of the Economic and Financial Committee, to include the Lithuanian litas in the Exchange Rate Mechanism II (ERM II).

The central rate of the Lithuanian litas is set at

1 euro = 3.45280 litas.

The standard fluctuation band of plus or minus 15% will be observed around the central rate of the litas.

Following a careful assessment of the appropriateness and sustainability of Lithuania's currency board, it was accepted that Lithuania is joining the exchange rate mechanism with its existing currency board arrangement in place, as a unilateral commitment, thus placing no additional obligations on the ECB.

...

The compulsory intervention points in the exchange rate mechanism will be communicated by the ECB and the Bank of Lithuania, in time for the opening of the foreign exchange markets on 28 June 2004.

Council Regulation (EC) No 1086/2006

of 11 July 2006 amending Regulation (EC) No 2866/98 on the conversion rates between the euro and the currencies of the Member States adopting the euro (published in the Official Journal of the European Union L 195 of 15 July 2006)

The Council of the European Union,

Having regard to the Treaty establishing the European Community¹, and in particular Article 123(5) thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

(1) Council Regulation (EC) No 2866/98 of 31 December 1998 on the conversion rates between the euro and the currencies of the Member States adopting the euro determines the conversion rates as from 1 January 1999.

(2) According to Article 4 of the 2003 Act of Accession, Slovenia is a Member State with a derogation as defined in Article 122 of the Treaty.

(3) Pursuant to Council Decision 2006/495/EC of 11 July 2006 in accordance with Article 122(2) of the Treaty on the adoption by Slovenia of the single currency on January 2007, Slovenia fulfils the necessary conditions for the adoption of the single currency and the derogation of Slovenia is abrogated with effect from 1 January 2007.

(4) The introduction of the euro in Slovenia requires the adoption of the conversion rate between the euro and the tolar. This conversion rate should be set at 239.640 Slovenian tolar to 1 euro, which corresponds to the current central rate of the tolar in the exchange rate mechanism (ERM II).

(5) Regulation (EC) No 2866/98 should therefore be amended accordingly,

¹ Editorial note: in the wording of the Treaty of Amsterdam of 2 October 1997.

has adopted this Regulation:

Article 1

In the list of conversion rates in Article 1 of Regulation (EC) No 2866/98, the following shall be inserted between the rates of the Portuguese escudo and the Finnish mark:

"= 239.640 Slovenian tolar".

Article 2

This Regulation shall enter into force on 1 January 2007.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Council Regulation (EC) No 1134/2007

of 10 July 2007 amending Regulation (EC) No 2866/98 as regards the conversion rate to the euro for Malta (published in the Official Journal of the European Union L 256 of 2 October 2007)

The Council of the European Union,

Having regard to the Treaty establishing the European Community¹, and in particular Article 123(5) thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

(1) Council Regulation (EC) No 2866/98 of 31 December 1998 on the conversion rates between the euro and the currencies of the Member States adopting the euro determines the conversion rates as from 1 January 1999.

(2) According to Article 4 of the 2003 Act of Accession, Malta is a Member State with a derogation as defined in Article 122 of the Treaty.

(3) Pursuant to Council Decision 2007/504/EC of 10 July 2007 in accordance with Article 122(2) of the Treaty on the adoption by Malta of the single currency on 1 January 2008, Malta fulfils the necessary conditions for the adoption of the single currency and the derogation of Malta is abrogated with effect from 1 January 2008.

(4) The introduction of the euro in Malta requires the adoption of the conversion rate between the euro and the Maltese lira. This conversion rate should be set at 0.4293 lira per 1 euro, which corresponds to the current central rate of the lira in the exchange rate mechanism (ERM II).

(5) Regulation (EC) No 2866/98 should therefore be amended accordingly,

has adopted this Regulation:

Article 1

In Article 1 of Regulation (EC) No 2866/98, the following line shall be inserted between the conversion rates applicable to the Luxembourg franc and the Dutch guilder:

"= 0.429300 Maltese liras".

Article 2

This Regulation shall enter into force on 1 January 2008.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Council Regulation (EC) No 1135/2007

of 10 July 2007 amending Regulation (EC) No 2866/98 as regards the conversion rate to the euro for Cyprus (published in the Official Journal of the European Union L 256 of 2 October 2007)

The Council of the European Union,

Having regard to the Treaty establishing the European Community¹, and in particular Article 123(5) thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

¹ Editorial note: in the wording of the Treaty of Amsterdam of 2 October 1997.

Whereas:

(1) Council Regulation (EC) No 2866/98 of 31 December 1998 on the conversion rates between the euro and the currencies of the Member States adopting the euro determines the conversion rates as from 1 January 1999.

(2) According to Article 4 of the 2003 Act of Accession, Cyprus is a Member State with a derogation as defined in Article 122 of the Treaty.

(3) Pursuant to Council Decision 2007/503/EC of 10 July 2007 in accordance with Article 122(2) of the Treaty on the adoption by Cyprus of the single currency on 1 January 2008, Cyprus fulfils the necessary conditions for the adoption of the single currency and the derogation of Cyprus is abrogated with effect from 1 January 2008.

(4) The introduction of the euro in Cyprus requires the adoption of the conversion rate between the euro and the Cyprus pound. This conversion rate should be set at 0.585274 pound per 1 euro, which corresponds to the current central rate of the pound in the exchange rate mechanism (ERM II).

(5) Regulation (EC) No 2866/98 should therefore be amended accordingly,

has adopted this Regulation:

Article 1

In Article 1 of Regulation (EC) No 2866/98, the following line shall be inserted between the conversion rates applicable to the Italian lira and the Luxembourg franc:

“= 0.585274 Cyprus pounds”.

Article 2

This Regulation shall enter into force on 1 January 2008.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Council Regulation (EC) No 694/2008

of 8 July 2008 amending Regulation (EC) No 2866/98 as regards the conversion rate to the euro for Slovakia (published in the Official Journal of the European Union L 195 of 24 July 2008)

The Council of the European Union,

Having regard to the Treaty establishing the European Community¹, and in particular Article 123(5) thereof,

Having regard to the proposal from the Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

(1) Council Regulation (EC) No 2866/98 of 31 December 1998 on the conversion rates between the euro and the currencies of the Member States adopting the euro determines the conversion rates as from 1 January 1999.

(2) According to Article 4 of the 2003 Act of Accession, Slovakia is a Member State with a derogation within the meaning of Article 122 of the Treaty.

(3) Pursuant to Council Decision 2008/608/EC of 8 July 2008 in accordance with Article 122(2) of the Treaty on the adoption by Slovakia of the single currency on 1 January 2009, Slovakia fulfils the necessary conditions for the adoption of the single currency and the derogation in favour of Slovakia shall be abrogated with effect from 1 January 2009.

(4) The introduction of the euro in Slovakia requires the adoption of the conversion rate between the euro and the Slovak koruna. This conversion rate shall be set at 30.1260 korunas per 1 euro, which corresponds to the current central rate of the koruna in the exchange rate mechanism (ERM II).

(5) Regulation (EC) No 2866/98 should therefore be amended accordingly,

¹ Editorial note: in the wording of the Treaty of Amsterdam of 2 October 1997.

has adopted this Regulation:

Article 1

In Article 1 of Regulation (EC) No 2866/98, the following shall be inserted between the conversion rates applicable to the Slovenian tolar and the Finnish mark:

"= 30.1260 Slovak korunas".

Article 2

This Regulation shall enter into force on 1 January 2009.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Council Regulation (EU) No 671/2010

of 13 July 2010 amending Regulation (EC)
No 2866/98 as regards the conversion rate
to the euro for Estonia (published in the
Official Journal of the European Union
L 196 of 28 July 2010)

The Council of the European Union,

Having regard to the Treaty on the Functioning of the European Union, and in particular Article 140(3) thereof,

Having regard to the proposal from the European Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

(1) Council Regulation (EC) No 2866/98 of 31 December 1998 on the conversion rates between the euro and the currencies of the Member States adopting the euro determines the conversion rates as from 1 January 1999.

(2) According to Article 4 of the 2003 Act of Accession, Estonia is a Member State with a derogation as defined in Article 139(1) of the Treaty on the Functioning of the European Union (hereinafter 'the Treaty').

(3) Pursuant to Council Decision 2010/416/EU of 13 July 2010 in accordance with Article 140(2) of the Treaty on the adoption by Estonia of the euro on 1 January 2011, Estonia fulfils the necessary conditions for the adoption of

the euro and the derogation of Estonia is abrogated with effect from 1 January 2011.

(4) The introduction of the euro in Estonia requires the adoption of the conversion rate between the euro and the Estonian kroon. This conversion rate shall be set at 15.6466 kroon per 1 euro, which corresponds to the current central rate of the kroon in the exchange rate mechanism (ERM II).

(5) Regulation (EC) No 2866/98 should therefore be amended accordingly,

has adopted this Regulation:

Article 1

In Article 1 of Regulation (EC) No 2866/98, the following line is inserted between the conversion rates applicable to the German mark and the Greek drachma:

"= 15.6466 Estonian kroons".

Article 2

This Regulation shall enter into force on 1 January 2011.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

Council Regulation (EU) No 870/2013

of 9 July 2013 amending Regulation (EC)
No 2866/98 as regards the conversion rate
to the euro for Latvia (published in the
Official Journal of the European Union
L 243 of 12 September 2013)

The Council of the European Union,

Having regard to the Treaty on the Functioning of the European Union, and in particular Article 140(3) thereof,

Having regard to the proposal from the European Commission,

Having regard to the opinion of the European Central Bank,

Whereas:

(1) Council Regulation (EC) No 2866/98 of 31 December 1998 on the conversion rates between the euro and

the currencies of the Member States adopting the euro determines the conversion rates as from 1 January 1999.

(2) According to Article 4 of the 2003 Act of Accession, Latvia is a Member State with a derogation as defined in Article 139(1) of the Treaty on the Functioning of the European Union.

(3) Pursuant to Council Decision 2013/387/EU of 9 July 2013 on the adoption by Latvia of the euro on 1 January 2014, Latvia fulfils the necessary conditions for the adoption of the euro and the derogation in favour of Latvia is abrogated with effect from 1 January 2014.

(4) The introduction of the euro in Latvia requires the adoption of the conversion rate between the euro and the Latvian lats. This conversion rate should be set at 0.702804 lats per 1 euro, which corresponds to the current central rate of the lats in the exchange rate mechanism (ERM II).

(5) Regulation (EC) No 2866/98 should therefore be amended accordingly,

has adopted this Regulation:

Article 1

In Article 1 of Regulation (EC) No 2866/98, the following line is inserted between the conversion rates applicable to the Cyprus pound and the Luxembourg franc:

“= 0.702804 Latvian lats”.

Article 2

This Regulation shall enter into force on 1 January 2014.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

■ Explanatory notes

■ Euro reference exchange 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 (see Excerpts from official notifications and announcements, pp 51-57). On 1 January 2001, Greece joined the 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 and Latvia on 1 January 2014 (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 reference exchange 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 2.15 pm CET. Only one reference rate, ie the middle rate, is established by this procedure.

■ 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 60 shows trading partners' membership of the EER-12, EER-21 and EER-40 groups as well as their percentage weights (see Deutsche Bundesbank, *Monthly Report*, August 2013, pp 50-52). 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 February 2012, see ECB Monthly Bulletin, March 2012, pp 17-21.

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 price indices for determining the real effective exchange rate based on consumer price indices are not yet available, estimates are used for the calculation.

For further information on the calculation method, see the ECB's methodological notes relating to the daily nominal effective exchange rate of the euro and ECB Occasional Paper No 134 of June 2012, which can be downloaded from the ECB's website (www.ecb.int).

■ 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 methodically 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 February 2012, pp 34-35).

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

The selected industrialised countries in the group of 24 comprise 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 comprise the euro-area countries and the EER-21 group. The group of 56 countries consist of the euro-area countries as well as the EER-40 group.

■ Overview of world currencies

The exchange rates listed in Table IV 1 (pp 20-42) are, in all cases, the latest end-of-month rates known to us in a

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

Figures in %

As of August 2013

Trading partner	Calculation period for weights														
	EER-12					EER-21					EER-40				
	1995 to 1997	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	1995 to 1997	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009	1995 to 1997	1998 to 2000	2001 to 2003	2004 to 2006	2007 to 2009
	Period of use of weights														
Up to end of 1997	1998 to 2000	2001 to 2003	2004 to 2006	From 2007	Up to end of 1997	1998 to 2000	2001 to 2003	2004 to 2006	From 2007	Up to end of 1997	1998 to 2000	2001 to 2003	2004 to 2006	From 2007	
EER-40 group											100.0	100.0	100.0	100.0	100.0
EER-21 group						100.0	100.0	100.0	100.0	100.0	.	.	.	.	.
EER-12 group	100.0	100.0	100.0	100.0	100.0	.	.	.	.	.	.	.	.	.	.
Australia	1.2	1.2	1.3	1.4	1.5	1.0	1.0	1.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8
Canada	2.1	2.3	2.5	2.5	2.6	1.8	1.9	1.9	1.8	1.7	1.5	1.6	1.6	1.4	1.3
Denmark	3.7	3.4	3.5	3.8	4.1	3.1	2.8	2.7	2.7	2.6	2.6	2.3	2.3	2.2	2.1
Hong Kong	2.9	2.5	2.4	2.6	2.5	2.4	2.1	1.9	1.8	1.6	2.0	1.7	1.5	1.5	1.3
Japan	14.1	13.0	11.9	11.7	11.3	12.0	10.7	9.2	8.2	7.1	9.7	8.8	7.6	6.7	5.8
Korea, Republic of	4.2	3.9	4.3	5.6	6.2	3.5	3.2	3.3	4.0	3.9	2.9	2.7	2.8	3.2	3.1
Norway	1.9	1.7	1.6	1.8	2.1	1.6	1.4	1.3	1.3	1.3	1.3	1.2	1.0	1.1	1.1
Singapore	2.7	2.3	2.2	2.4	2.3	2.3	1.9	1.7	1.7	1.5	1.8	1.6	1.4	1.4	1.2
Sweden	6.7	6.3	6.0	7.0	7.4	5.7	5.2	4.6	4.9	4.7	4.7	4.3	3.8	4.0	3.7
Switzerland	9.6	8.7	8.9	9.2	10.1	8.2	7.2	6.9	6.4	6.4	6.6	5.9	5.7	5.2	5.2
United Kingdom	26.5	26.1	26.2	24.9	23.4	22.5	21.5	20.2	17.5	14.8	18.3	17.7	16.7	14.2	11.9
United States	24.4	28.6	29.2	27.1	26.5	20.7	23.6	22.6	19.1	16.8	16.9	19.4	18.6	15.5	13.5
Additional countries in the EER-21 group						.	.	.	.	.	.	.	.	.	.
Bulgaria						0.3	0.4	0.4	0.5	0.6	0.3	0.3	0.4	0.4	0.5
China						5.5	6.4	9.2	14.1	18.6	4.4	5.3	7.5	11.4	15.0
Croatia						0.7	0.5	0.6	0.7	0.6	0.5	0.4	0.5	0.5	0.5
Czech Republic						2.7	2.9	3.6	4.1	5.0	2.2	2.4	3.0	3.4	4.0
Hungary						1.9	2.6	3.0	3.1	3.2	1.5	2.1	2.5	2.6	2.6
Latvia						0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.2
Lithuania						0.2	0.2	0.3	0.4	0.4	0.2	0.2	0.2	0.3	0.3
Poland						2.9	3.4	4.0	4.8	6.1	2.4	2.8	3.3	3.9	4.9
Romania						0.9	1.0	1.4	1.7	2.0	0.7	0.8	1.1	1.4	1.6
Additional countries in the EER-40 group											.	.	.	.	.
Algeria											0.3	0.3	0.3	0.3	0.4
Argentina											0.6	0.5	0.3	0.3	0.3
Brazil											1.5	1.4	1.2	1.2	1.4
Chile											0.3	0.3	0.3	0.4	0.4
China (Taiwan)											2.3	2.4	2.1	1.8	1.4
Iceland											0.1	0.0	0.1	0.1	0.1
India											1.5	1.3	1.4	1.8	2.1
Indonesia											1.0	0.8	0.7	0.6	0.6
Israel											1.0	1.0	0.9	0.7	0.7
Malaysia											1.2	1.1	1.2	1.1	1.0
Mexico											0.9	1.2	1.3	1.2	1.2
Morocco											0.6	0.6	0.6	0.6	0.6
New Zealand											0.1	0.1	0.1	0.1	0.1
Philippines											0.4	0.5	0.5	0.4	0.3
Russian Federation											2.4	1.8	2.2	2.9	3.4
South Africa											0.9	0.9	0.9	1.0	1.0
Thailand											1.2	1.0	1.0	1.0	1.1
Turkey											2.1	2.2	2.3	3.0	3.1
Venezuela, Bolivarian Republic of											0.2	0.2	0.2	0.2	0.2

^o Figures have been rounded.

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 the euro 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 designation 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 statistics / Code lists.

Value of the special drawing right

The value of a SDR (ISO code: XDR) is currently defined as the sum of the values of fixed amounts of four currencies.

The composition of the currency basket as well as the weights and amounts of the currency units in the basket are reviewed every five years. As a result of the latest review, conducted in 2010, since 1 January 2011, the SDR basket has contained the fixed currency amounts shown in column (a). These were fixed on 30 December 2010 on the basis of the average exchange rates in the London spot exchange market in the fourth quarter of 2010 and the initial new percentage weights (column b) such that, on 30 December 2010, the new SDR value corresponded with the value calculated on the basis of the old basket.

	(a)	(b)
US dollar	0.660	41.9
Euro	0.423	37.4
Japanese yen	12.1	9.4
Pound sterling	0.111	11.3

The introduction of the euro as the single currency of initially 11 member states of the European Union necessitated an adjustment of the criteria used for selecting the currencies of the SDR valuation basket. The former criterion, according to which the currencies of the member states with the highest exports of goods and services were chosen, was extended to include exports by monetary unions incorporating IMF members. In a monetary union, exports of goods and services exclude cross-border trade between the members of the monetary union.

Moreover, a second selection criterion was introduced so as to ensure that the currencies included in the basket are actually the currencies used most commonly in international transactions. This includes the stipulation that the IMF must classify a currency included in the basket as being "freely usable". A currency is deemed to be freely usable if, in the estimation of the IMF Executive Board, it is widely used in payments for international transactions and is heavily traded in the major foreign exchange markets.

The respective weights of the various SDR basket currencies continue to depend on the value of exports of goods and services and the amount of reserves denominated in those currencies held by other member states of the IMF in the five years preceding the year of review.

The above-mentioned currency amounts are converted into US dollars on every business day on the basis of market rates. These market rates are normally the middle rates between the buying and selling rates fixed at noon in the London spot exchange market. The value of the SDR in terms of the US dollar is the sum of the US dollar equivalents of the currency amounts. Exchange rates for the SDR in terms of all other currencies are ascertained, using the rate for the SDR in terms of the US dollar, from the representative market exchange rates of these currencies for the US dollar; for the euro, it is the reference exchange rate of the European Central Bank.

The SDR is used by the IMF as the unit of account for its transactions and for all conversions into national currencies. In addition, the SDR is used by public and private organisations 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 2012 (see Table VI, pp 46-47) is based on the IMF's *Annual Report on Exchange Arrangements and Exchange Restrictions 2012*, which can be purchased from the IMF (<http://www.imfbookstore.org>).

The IMF's classification system is 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. A distinction is made between hard pegs (fixed exchange rate anchors) – such as exchange arrangements with no separate legal tender and a currency board arrangement (institutionalised, unilateral exchange rate peg) – and soft pegs (less stringent *de jure* and/or *de facto* exchange rate anchors). The latter comprise conventional pegged arrangements with a fixed exchange rate (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 with or without a fixed central rate. In the case of floating exchange rate arrangements, a distinction is made between floating rates (market-determined with more frequent modes of intervention) and free-floating rates (market-determined with intervention in exceptional cases only). All other exchange rate arrangements are grouped under “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, exchange rate 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 authorities 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 instead 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

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 Monetary Union (Union 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

Along with the Central African Republic, Chad, Congo, Equatorial Guinea and Gabon, Cameroon is served by the "Banque des Etats de l'Afrique Centrale" (Bank of the Central African States), 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 Cuban peso (CUP), which is used by residents to purchase their basic needs, there is a convertible peso (CUC), which is used particularly by foreigners.

Foreign currencies can be freely exchanged in Cuba for convertible pesos (CUC), and they enable both residents and foreigners to purchase items which the government considers to be luxury articles.

In its national accounts, the Cuban government fixes the ratio of convertible peso (CUC) to Cuban peso (CUP) at 1:1. In reality, Cuban pesos can only be exchanged for convertible pesos at a considerable discount.

The euro is also an accepted means of payment in some tourist centres.

Cyprus

After the closure of Cypriot commercial banks in mid-March, the Cypriot parliament authorised the Central Bank of Cyprus and the finance minister to carry out far-reaching capital controls on 22 March 2013. Following the reopening of the banks on 28 March, these have been repeatedly renewed and amended.

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.

Guinea-Bissau

See Explanatory notes on Benin.

India

Units of account for larger amounts are as follows: 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 published exchange rates, there are bureau de change rates, which deviate significantly and stood at USD 1 = IRR 30,100 and EUR 1 = IRR 41,250 at the end of December 2013, according to the German Embassy in Tehran.

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.

Kiribati

The Australian dollar (convertible at par) is also legal tender alongside some of Kiribati's own coins.

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.

Macedonia

On 8 April 1993, Macedonia was admitted to the United Nations under the temporary designation "Former Yugoslav Republic of Macedonia"; this designation is in use within the European Union until further notice.

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.

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 have been available for the Somali shilling.

South Sudan

No exchange rates have been available for the South Sudanese pound.

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

Since 25 March 2013, registered importers of important goods, who have not been allocated foreign exchange on the official market, have had the opportunity to participate in foreign exchange auctions (SICAD – Sistema Complementario de Administración de Divisas). We do not have any information regarding the exchange rates. In July 2013, the group of participants eligible for the auction was extended.

Zimbabwe

On 2 February 2009, five currencies were named as “official means of payment”: US dollar, rand, euro, pound sterling and pula. They do not, however, have the status of legal tender, which remains the de facto abandoned Zimbabwe dollar.

On 27 April 2010, the US dollar was declared as the principal currency of this multiple currency system.