

# Exchange rate statistics

## December 2013

Statistical Supplement 5  
to the Monthly Report

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

ISSN 2190–8990 (online edition)

Cut-off date: 9 December 2013.

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

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Banking statistics	monthly
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Balance of payments statistics	monthly
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## Abbreviations and symbols

<b>CU</b>	Currency unit(s)
<b>EC</b>	European Community
<b>ECB</b>	European Central Bank
<b>ECU</b>	European Currency Unit
<b>EER</b>	Effective exchange rate
<b>EMU</b>	European Monetary Union
<b>ERM</b>	Exchange Rate Mechanism
<b>EU</b>	European Union
<b>IMF</b>	International Monetary Fund
<b>ISO</b>	International Organization for Standardization
<b>SDR</b>	Special drawing right
<b>SITC</b>	Standard International Trade Classification
<b>SWIFT</b>	Society for Worldwide Interbank Financial Telecommunication
<b>B</b>	Buying rate
<b>M</b>	Middle rate
<b>S</b>	Selling rate
<b>V</b>	Calculated value
<b>e</b>	Estimated
<b>p</b>	Provisional
<b>r</b>	Revised
.	Data unknown, not to be published or not meaningful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	Upper rate	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824	7.62824
Danish krone	Central rate	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038	7.46038
DKK	Lower rate	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252	7.29252
Greece	Upper rate	406.075	391.863	–	–	–	–	–	–
Greek drachma	Central rate	353.109	1 340.750	–	–	–	–	–	–
GRD	Lower rate	300.143	289.638	–	–	–	–	–	–
Estonia	Upper rate	–	–	17.9936	17.9936	17.9936	17.9936	17.9936	17.9936
Estonian kroon	Central rate	–	–	15.6466	15.6466	15.6466	15.6466	15.6466	15.6466
EEK	Lower rate	–	–	13.2996	13.2996	13.2996	13.2996	13.2996	13.2996
Lithuania	Upper rate	–	–	3.97072	3.97072	3.97072	3.97072	3.97072	3.97072
Lithuanian litas	Central rate	–	–	3.45280	3.45280	3.45280	3.45280	3.45280	3.45280
LTL	Lower rate	–	–	2.93488	2.93488	2.93488	2.93488	2.93488	2.93488
Slovenia	Upper rate	–	–	275.586	275.586	275.586	–	–	–
Slovenian tolar	Central rate	–	–	239.640	239.640	3 239.640	–	–	–
SIT	Lower rate	–	–	203.694	203.694	203.694	–	–	–
Cyprus	Upper rate	–	–	–	0.673065	0.673065	0.673065	–	–
Cyprus pound	Central rate	–	–	–	0.585274	0.585274	4 0.585274	–	–
CYP	Lower rate	–	–	–	0.497483	0.497483	0.497483	–	–
Latvia	Upper rate	–	–	–	0.808225	0.808225	0.808225	–	–
Latvian lats	Central rate	–	–	–	0.702804	0.702804	0.702804	5 0.702804	0.702804
LVL	Lower rate	–	–	–	0.597383	0.597383	0.597383	–	0.597383
Malta	Upper rate	–	–	–	0.493695	0.493695	0.493695	–	–
Maltese lira	Central rate	–	–	–	0.429300	0.429300	4 0.429300	–	–
MTL	Lower rate	–	–	–	0.364905	0.364905	0.364905	–	–
Slovakia	Upper rate	–	–	–	–	44.2233	40.7588	34.6449	–
Slovak koruna	Central rate	–	–	–	–	38.4550	35.4424	30.1260	6 30.1260
SKK	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 ± 2.25% on either side of the central rate, while the other currencies are subject to the standard fluctuation band of ± 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										
Period	Bulgaria	Croatia	Czech Republic	Denmark	Hungary	Latvia	Lithuania	Poland	Romania	
	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 Sep	2	1.9558	7.5773	25.683	7.4593	300.05	0.7026	3.4528	4.2548	4.4238
	3	1.9558	7.5795	25.725	7.4591	301.32	0.7025	3.4528	4.2707	4.4320
	4	1.9558	7.5780	25.787	7.4582	301.30	0.7027	3.4528	4.2663	4.4570
	5	1.9558	7.5845	25.737	7.4584	302.35	0.7026	3.4528	4.2867	4.4693
	6	1.9558	7.5878	25.765	7.4588	300.67	0.7026	3.4528	4.2950	4.4735
	9	1.9558	7.5912	25.833	7.4589	300.43	0.7024	3.4528	4.2730	4.4709
	10	1.9558	7.5875	25.830	7.4585	299.28	0.7025	3.4528	4.2595	4.4598
	11	1.9558	7.5865	25.783	7.4587	299.44	0.7027	3.4528	4.2333	4.4676
	12	1.9558	7.5875	25.820	7.4579	301.27	0.7025	3.4528	4.2131	4.4825
	13	1.9558	7.5828	25.775	7.4573	300.54	0.7024	3.4528	4.2120	4.4671
	16	1.9558	7.5955	25.769	7.4566	298.78	0.7025	3.4528	4.1944	4.4588
	17	1.9558	7.6095	25.718	7.4572	299.13	0.7027	3.4528	4.2208	4.4808
	18	1.9558	7.6078	25.813	7.4579	298.47	0.7026	3.4528	4.2328	4.4715
	19	1.9558	7.6085	25.735	7.4577	295.72	0.7025	3.4528	4.1828	4.4503
	20	1.9558	7.6110	25.828	7.4568	299.28	0.7025	3.4528	4.2298	4.4618
	23	1.9558	7.6175	25.925	7.4576	299.05	0.7025	3.4528	4.2265	4.4683
	24	1.9558	7.6175	25.933	7.4571	299.89	0.7026	3.4528	4.2269	4.4735
	25	1.9558	7.6160	25.880	7.4577	300.12	0.7026	3.4528	4.2165	4.4645
	26	1.9558	7.6130	25.809	7.4577	299.87	0.7028	3.4528	4.2280	4.4660
	27	1.9558	7.6153	25.690	7.4573	299.63	0.7028	3.4528	4.2280	4.4692
	30	1.9558	7.6153	25.730	7.4580	298.15	0.7027	3.4528	4.2288	4.4620
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

\* See Explanatory notes, p 59.

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

Other European and non-European countries								Period
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	
8.7222	0.84775	1.4680	3.1257	1.3907	8.0822	10.2418	87.5230	2013 Sep 2
8.7031	0.84730	1.4583	3.1593	1.3864	8.0621	10.2144	89.8920	3
8.7165	0.84380	1.4373	3.0883	1.3814	8.0608	10.2145	88.2790	4
8.7751	0.84310	1.4451	3.1294	1.3837	8.0778	10.2392	87.2850	5
8.7248	0.84200	1.4309	3.0395	1.3682	8.0269	10.1732	85.5820	6
8.7492	0.84130	1.4338	3.0382	1.3699	8.0760	10.2323	86.0840	9
8.6887	0.84380	1.4255	3.0007	1.3684	8.1029	10.2671	84.5900	10
8.6717	0.84140	1.4288	3.0222	1.3716	8.1187	10.2888	84.0730	11
8.6924	0.84100	1.4367	3.0331	1.3715	8.1308	10.3055	84.3260	12
8.7048	0.83990	1.4380	3.0308	1.3739	8.1349	10.3091	84.5300	13
8.6943	0.83850	1.4248	3.0086	1.3759	8.1748	10.3570	83.9450	16
8.6352	0.83970	1.4279	3.0395	1.3774	8.1759	10.3564	84.6400	17
8.6263	0.83580	1.4281	3.0067	1.3762	8.1730	10.3530	84.7180	18
8.5702	0.84200	1.4261	2.9605	1.3829	8.2887	10.5023	83.8450	19
8.5969	0.84360	1.4354	2.9929	1.3898	8.2712	10.4769	84.1620	20
8.6007	0.84115	1.4313	2.9840	1.3909	8.2650	10.4732	84.6340	23
8.6315	0.84431	1.4347	2.9773	1.3857	8.2520	10.4462	84.8530	24
8.6881	0.84165	1.4430	2.9852	1.3924	8.2650	10.4710	84.4150	25
8.6554	0.84180	1.4390	3.0034	1.3909	8.2622	10.4673	83.8000	26
8.6863	0.84000	1.4542	3.0589	1.3967	8.2827	10.4975	84.6030	27
8.6575	0.83605	1.4486	3.0406	1.3912	8.2645	10.4722	84.8440	30
8.6329	0.83450	1.4388	3.0107	1.3962	8.2972	10.5113	84.8790	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

## 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)									
Period	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 Sep	2	15,038.00	4.7762	131.09	1,449.66	4.3220	17.5521	1.6900	8.0095
	3	15,090.59	4.7862	130.98	1,448.93	4.3301	17.6834	1.6860	8.0010
	4	15,083.43	4.7900	131.06	1,441.40	4.3254	17.5563	1.6698	8.0035
	5	15,320.53	4.8176	131.64	1,448.64	4.3656	17.7016	1.6754	8.0480
	6	15,161.44	4.7862	130.71	1,433.50	4.3666	17.4784	1.6505	8.0020
	9	15,117.97	4.7807	131.30	1,430.56	4.3428	17.3917	1.6485	8.0220
	10	14,974.81	4.7650	132.80	1,437.47	4.3380	17.2954	1.6432	7.8610
	11	15,048.94	4.7391	132.96	1,438.79	4.3299	17.3472	1.6467	7.8500
	12	14,839.90	4.7208	132.18	1,440.98	4.3521	17.4232	1.6334	7.8555
	13	14,921.54	4.7160	132.43	1,444.97	4.3760	17.4178	1.6323	7.8695
	16	14,855.82	4.7205	132.05	1,444.54	4.3945	17.2205	1.6267	7.8920
	17	14,935.24	4.7226	132.44	1,446.12	4.3327	17.2693	1.6249	7.8655
	18	14,803.24	4.7186	132.18	1,443.31	4.3186	17.2742	1.6242	7.8915
	19	14,707.55	4.7287	134.09	1,453.69	4.2714	17.0857	1.6137	7.8420
	20	14,974.07	4.7349	134.57	1,457.67	4.2772	17.2736	1.6153	8.0065
	23	15,081.11	4.7654	133.59	1,452.87	4.3145	17.3382	1.6120	7.9710
	24	15,149.99	4.7605	132.92	1,448.27	4.3340	17.3566	1.6261	8.0200
	25	15,497.56	4.8046	133.14	1,454.52	4.3512	17.5292	1.6413	8.1330
	26	15,174.79	4.8077	133.41	1,454.27	4.3391	17.5347	1.6266	8.0625
	27	15,334.60	4.8204	133.28	1,456.70	4.3692	17.8128	1.6373	8.1030
	30	15,425.27	4.7734	131.78	1,451.84	4.4103	17.8462	1.6296	8.1140
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

\* 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 ruble RUB	Singapore dollar SGD	South African rand ZAR	Swiss franc CHF	Thai baht THB	Turkish lira TRY	US dollar USD	
58.572	43.9745	1.6819	13.4816	1.2317	42.309	2.6641	1.3207	2013 Sep 2
58.601	44.0863	1.6836	13.5958	1.2325	42.340	2.6985	1.3172	3
58.353	44.0000	1.6786	13.4904	1.2345	42.417	2.7040	1.3171	4
58.697	44.1225	1.6862	13.5963	1.2390	42.695	2.7421	1.3202	5
58.328	43.8260	1.6770	13.3552	1.2382	42.440	2.7031	1.3117	6
58.098	43.9046	1.6779	13.2238	1.2350	42.478	2.6955	1.3194	9
57.924	43.7732	1.6794	13.2383	1.2392	42.586	2.6766	1.3240	10
57.957	43.5373	1.6833	13.1680	1.2395	42.444	2.6690	1.3268	11
58.199	43.4880	1.6848	13.1940	1.2368	42.176	2.6875	1.3290	12
58.282	43.3445	1.6866	13.2467	1.2376	42.362	2.6955	1.3295	13
58.090	43.0625	1.6824	13.0230	1.2374	42.342	2.6592	1.3357	16
58.194	43.1500	1.6833	13.1380	1.2375	42.379	2.6839	1.3356	17
57.946	43.1380	1.6805	13.1304	1.2370	42.272	2.6704	1.3352	18
58.179	42.8400	1.6857	13.0449	1.2333	41.935	2.6491	1.3545	19
58.339	43.1140	1.6883	13.2300	1.2330	41.920	2.6800	1.3514	20
58.443	43.0200	1.6907	13.2870	1.2323	42.248	2.6880	1.3508	23
58.538	43.0098	1.6918	13.3062	1.2295	42.224	2.6961	1.3473	24
58.610	43.2625	1.6943	13.3655	1.2304	42.251	2.7087	1.3504	25
58.497	43.4502	1.6947	13.4725	1.2288	42.130	2.7210	1.3499	26
58.651	43.8740	1.6985	13.7160	1.2248	42.344	2.7566	1.3537	27
58.765	43.8240	1.6961	13.5985	1.2225	42.264	2.7510	1.3505	30
58.692	43.6540	1.6970	13.6385	1.2253	42.234	2.7270	1.3554	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

## 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 złoty PLN	Romanian leu RON	Swedish krona SEK	Pound sterling GBP	Australian dollar AUD
2008 Nov	1.9558	7.1366	25.193	7.4485	265.32	0.7092	3.4528	3.7326	3.7838	10.1275	0.83063	1.9381
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	1.238
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

\* 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 króna since 4 December 2008. 2 Up to December 2008, ECB indicative rates. 3 Up to December 2010, ECB indicative rates.

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

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

pean and non-European countries											Period
Brazil	Canada	China	Hong Kong	Iceland	India	Indonesia	Israel	Japan	Korea, Republic of	Malaysia	
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	
2.8967	1.5509	8.6950	9.8687	242.95	62.1436	14,984.85	4.9569	123.28	1,783.12	4.5682	2008 Nov
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	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	4.3585	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

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

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

EUR 1 = CU ...

Other European and non-European countries (cont'd)											
Period	Mexico MXN	New Zealand dollar NZD	Norway Norwegian krone NOK	Philippines PHP	Russian Federation 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 USD
2008 Nov	16.6735	2.2554	8.8094	62.496	34.7964	1.9183	12.8785	1.5162	44.677	2.0342	1.2732
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	1.3494

\* 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	Croatia	Cyprus	Czech Republic	Denmark	Estonia	Greece	Hungary	Latvia	Lithuania
	Bulgarian lev BGN 1	Croatian kuna HRK 2	Cyprus pound CYP 3	Czech koruna CZK	Danish krone DKK	Estonian kroon EEK 3	Greek drachma GRD 3	Hungarian forint HUF	Latvian lats LVL 1	Lithuanian litas LTL 1
<b>End of year</b>										
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
<b>Annual averages +</b>										
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
<b>EU member countries (cont'd)</b>										
Malta	Poland	Romania	Slovakia	Slovenia	Sweden	United Kingdom	Other European and non-European countries			
							Australia	Brazil	Canada	
Maltese lira MTL 1 3	Polish zloty PLN	Romanian Leu (old)(new) ROL/RON 1 6	Slovak koruna SKK 1 3	Slovenian tolar SIT 3	Swedish krona SEK	Pound sterling GBP	Australian dollar AUD	Brazilian real BRL 7	Canadian dollar CAD	
<b>End of year</b>										
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	33.3835	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
<b>Annual averages +</b>										
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

\* 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 ...

Period	Other European and non-European countries (cont'd)									
	China Chinese yuan renminbi CNY 1	Hong Kong Hong Kong dollar HKD 2	Iceland Icelandic krona ISK 2 3	India Indian rupee INR 4	Indonesia Indonesian rupiah IDR 1	Israel New Israeli sheqel ILS 5	Japan Japanese yen JPY	Korea, Republic of South Korean won KRW 2	Malaysia Malaysian ringgit MYR 1	Mexico Mexican peso MXN 6
<b>End of year</b>										
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
<b>Annual averages +</b>										
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	16.2911
2009	9.5277	10.8114	—	67.3611	14,443.74	5.4668	130.34	1,772.90	4.9079	18.7989
2010	8.9712	10.2994	—	60.5878	12,041.70	4.9457	116.24	1,531.82	4.2668	16.7373
2011	8.9960	10.8362	—	64.8859	12,206.51	4.9775	110.96	1,541.23	4.2558	17.2877
2012	8.1052	9.9663	—	68.5973	12,045.73	4.9536	102.49	1,447.69	3.9672	16.9029

	Other European and non-European countries (cont'd)									
	New Zealand New Zealand dollar NZD	Norway Norwegian krone NOK	Philippines Philippine peso PHP 1	Russian Federation Russian rouble RUB 1	Singapore Singapore dollar SGD 2	South Africa South African rand ZAR 2	Switzerland Swiss franc CHF	Thailand Thai baht THB 1	Turkey Turkish lira / New Turkish lira TRL / TRY 2 8	United States US dollar USD
<b>End of year</b>										
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	8 1.5924	1.1797
2006	1.8725	8.2380	64.546	34.6800	2.0202	9.2124	1.6069	46.770	1.8640	1.3170
2007	1.9024	7.9580	60.724	35.9860	2.1163	10.0298	1.6547	43.800	1.7170	1.4721
2008	2.4191	9.7500	65.930	41.2830	2.0040	13.0667	1.4850	48.285	2.1488	1.3917
2009	1.9803	8.3000	66.507	43.1540	2.0194	10.6660	1.4836	47.986	2.1547	1.4406
2010	1.7200	7.8000	58.300	40.8200	1.7136	8.8625	1.2504	40.170	2.0694	1.3362
2011	1.6737	7.7540	56.754	41.7650	1.6819	10.4830	1.2156	40.991	2.4432	1.2939
2012	1.6045	7.3483	54.107	40.3295	1.6111	11.1727	1.2072	40.347	2.3551	1.3194
<b>Annual averages +</b>										
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	8 1.6771	1.2441
2006	1.9373	8.0472	64.379	34.1117	1.9941	8.5312	1.5729	47.594	1.8090	1.2556
2007	1.8627	8.0165	63.026	35.0183	2.0636	9.6596	1.6427	44.214	1.7865	1.3705
2008	2.0770	8.2237	65.172	36.4207	2.0762	12.0590	1.5874	48.475	1.9064	1.4708
2009	2.2121	8.7278	66.338	44.1376	2.0241	11.6737	1.5100	47.804	2.1631	1.3948
2010	1.8377	8.0043	59.739	40.2629	1.8055	9.6984	1.3803	42.014	1.9965	1.3257
2011	1.7600	7.7934	60.260	40.8846	1.7489	10.0970	1.2326	42.429	2.3378	1.3920
2012	1.5867	7.4751	54.246	39.9262	1.6055	10.5511	1.2053	39.928	2.3135	1.2848

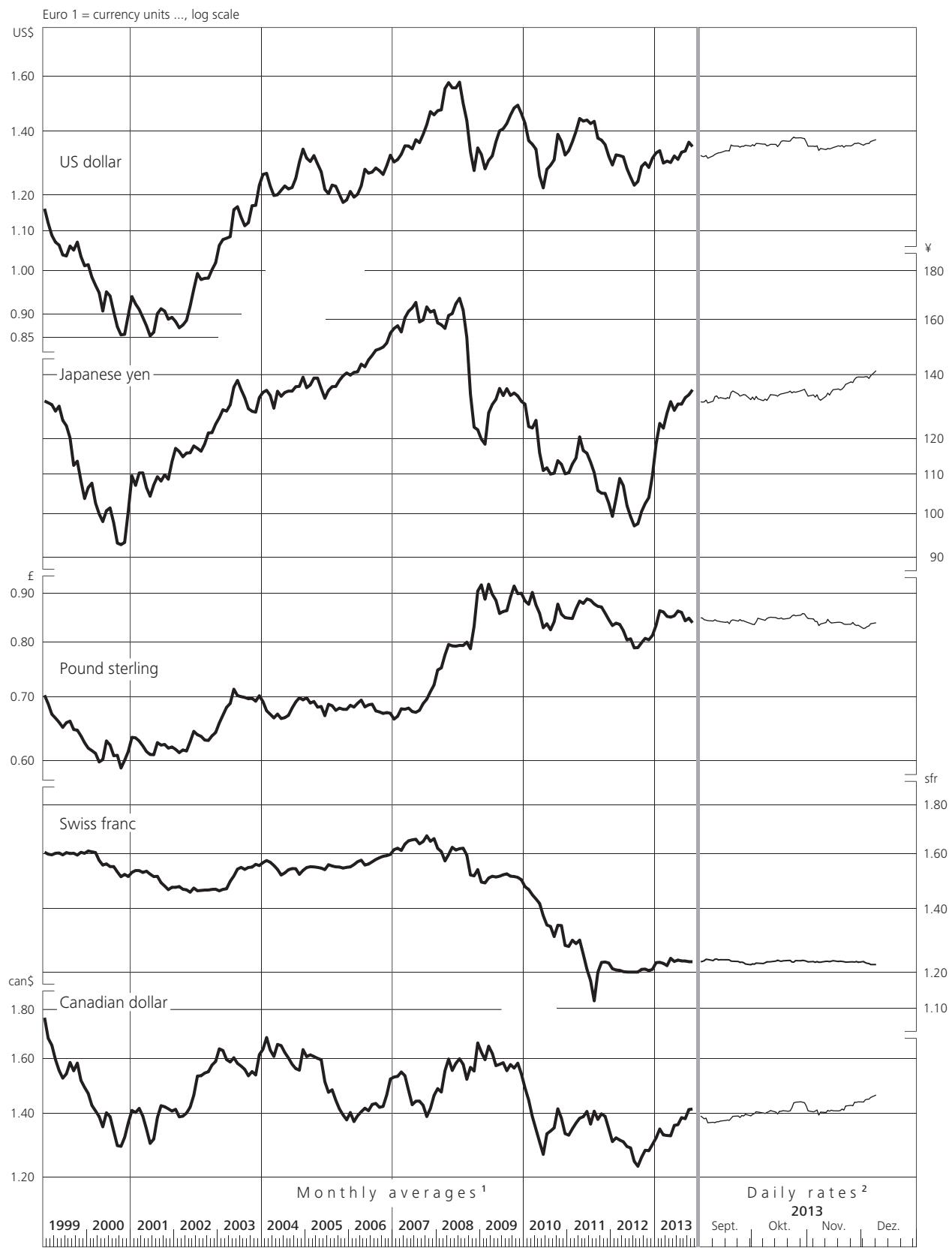
\* See Explanatory notes, p 59. + Averages: Bundesbank calculations based on the daily euro reference exchange rates published by the ECB. 1 Up to March 2005, ECB indicative rates. 2 Up to September 2000, ECB indicative rates. 3 The ECB has not fixed a euro reference exchange rate for the Icelandic krona 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: November 2013. **2** Last updated: 9 December 2013.

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

#### 1 Annual and monthly averages

1999 Q1 = 100

Period	Effective exchange rate of the euro 1				Memo item 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	97.4
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
2009 July	110.6	108.9	119.8	106.7	101.8	94.5	113.7	97.8	97.2
Aug	110.5	108.9	119.9	106.7	101.9	94.5	114.0	97.8	97.3
Sep	111.7	109.8	121.2	107.6	102.1	94.4	114.9	98.1	97.6
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	94.5	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	109.7	95.5	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	97.9	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	102.0	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	91.8
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	103.9	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	98.5	89.9	88.6
July	95.4	93.1	104.3	90.6	94.9	93.1	96.8	89.1	87.5
Aug	95.3	93.0	104.5	90.6	94.9	93.1	96.9	89.0	87.5
Sep	97.2	94.9	106.6	92.5	95.6	93.1	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	94.9	106.7	92.3	95.9	93.0	99.7	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	98.0	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	93.1	105.6	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	91.2	89.5
May	100.6	98.0	110.0	p 94.5	98.1	93.2	105.5	91.7	89.9
June	101.6	98.8	112.0	p 96.1	98.3	93.3	105.9	92.2	p 90.8
July	101.5	98.8	112.0	p 96.1	98.4	93.3	106.3	92.2	p 90.9
Aug	102.2	99.5	113.4	p 97.3	98.5	93.2	106.7	92.4	p 91.4
Sep	102.0	99.1	113.3	p 96.9	98.5	93.3	106.5	92.3	p 91.3
Oct	102.9	p 99.7	114.2	p 97.3	p 98.8	p 93.3	p 107.5	p 92.6	p 91.5
Nov	102.7	p 99.4	114.2	p 97.1	p 98.8	p 93.4	p 107.3	p 92.6	p 91.5

\* 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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Afghanistan</b>							
Kabul 660	Afghani = 100 puls  AFN	B S  AFN	USD 1 = USD 1 =  EUR 1 = EUR 1 =	AFN 50.9650 AFN 51.0650  AFN 65.5450 AFN 65.8050	AFN 57.3900 AFN 57.4900  AFN 77.0500 AFN 77.3100	AFN 57.5800 AFN 57.6800  AFN 78.8400 AFN 79.1000	AFN 58.1400 AFN 58.2400  AFN 78.5300 AFN 78.7900
<b>Albania</b>							
Tirana 070	Albanian lek = 100 qindarka  ALL	M  ALL	USD 1 =  EUR 1 =	ALL 108.09 ALL 139.11	ALL 104.76 ALL 141.37	ALL 102.52 ALL 140.11	ALL 103.17 ALL 140.25
<b>Algeria</b>							
Algiers 208	Algerian dinar = 100 centimes  DZD	B S  DZD	USD 1 = USD 1 =  EUR 1 = EUR 1 =	DZD 77.6012 DZD 77.6162  DZD 102.0723 DZD 102.1099	DZD 81.3153 DZD 81.3303  DZD 110.1090 DZD 110.1538	DZD 81.1780 DZD 81.1930  DZD 110.5076 DZD 110.5362	DZD 79.7137 DZD 79.7287  DZD 108.4824 DZD 108.5187
<b>Angola</b>							
Luanda 330	Kwanza = 100 cêntimos  AOA	B S  AOA	USD 1 = USD 1 =  EUR 1 = EUR 1 =	AOA 95.191 AOA 95.667  AOA 122.768 AOA 123.352	AOA 97.151 AOA 97.636  AOA 131.328 AOA 131.975	AOA 96.782 AOA 97.266  AOA 133.279 AOA 133.926	AOA 97.144 AOA 97.630  AOA 132.145 AOA 132.786
<b>Antigua and Barbuda</b>							
St John's 459	East Caribbean dollar = 100 cents  XCD	B S  V, B V, S	USD 1 = USD 1 =  EUR 1 = EUR 1 =	XCD 2.6882 XCD 2.7169  XCD 3.4538 XCD 3.4907	XCD 2.6882 XCD 2.7169  XCD 3.6304 XCD 3.6692	XCD 2.6882 XCD 2.7169  XCD 3.6670 XCD 3.7061	XCD 2.6882 XCD 2.7169  XCD 3.6589 XCD 3.6980
<b>Argentina</b>							
Buenos Aires 528	Argentine peso = 100 centavos  ARS	B S  B S	USD 1 = USD 1 =  EUR 1 = EUR 1 =	ARS 4.5123 ARS 4.5523  ARS 5.7934 ARS 5.8530	ARS 5.7530 ARS 5.7930  ARS 7.7781 ARS 7.8466	ARS 5.8720 ARS 5.9120  ARS 7.9777 ARS 8.0468	ARS 6.1010 ARS 6.1410  ARS 8.2919 ARS 8.3616
<b>Armenia</b>							
Yerevan 077	Armenian dram = 100 luma  AMD	M  M	USD 1 =  EUR 1 =	AMD 401.73 AMD 517.27	AMD 405.29 AMD 546.82	AMD 405.03 AMD 554.12	AMD 403.91 AMD 549.68
<b>Aruba</b>							
Oranjestad 474	Aruban florin = 100 cent  AWG	B S  B S	USD 1 = USD 1 =  EUR 100 = EUR 100 =	AWG 1.78 AWG 1.80  AWG 230.34 AWG 232.66	AWG 1.78 AWG 1.80  AWG 240.53 AWG 242.95	AWG 1.78 AWG 1.80  AWG 242.95 AWG 245.39	AWG 1.78 AWG 1.80  AWG 242.42 AWG 244.86

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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Australia</b>							
Canberra 800	Australian dollar = 100 cents AUD	M M	AUD 1 = AUD 1 =	USD 1.0375 EUR 0.8043	USD 0.9309 EUR 0.6900	USD 0.9490 EUR 0.6923	USD 0.9087 EUR 0.6676
<b>Austria</b>							
Vienna 038	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3505	USD 1.3641	USD 1.3611
<b>Azerbaijan</b>							
Baku 078	Azerbaijan manat = 100 qapik AZN	M M	USD 1 = EUR 1 =	AZN 0.7856 AZN 1.0112	AZN 0.7845 AZN 1.0593	AZN 0.7845 AZN 1.0754	AZN 0.7844 AZN 1.0679
<b>Bahamas</b>							
Nassau 453	Bahamian dollar = 100 cents BSD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	BSD 0.9950 BSD 1.0125 BSD 1.26789 BSD 1.32017	BSD 0.9950 BSD 1.0125 BSD 1.32050 BSD 1.37930	BSD 0.9950 BSD 1.0125 BSD 1.34110 BSD 1.39990	BSD 0.9950 BSD 1.0125 BSD 1.33100 BSD 1.38980
<b>Bahrain</b>							
Manama 640	Bahraini dinar = 1,000 fils BHD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	BHD 0.37425 BHD 0.37750 BHD 0.4719737 BHD 0.5011680	BHD 0.37425 BHD 0.37750 BHD 0.4935360 BHD 0.5240640	BHD 0.37425 BHD 0.37750 BHD 0.5011796 BHD 0.5321804	BHD 0.37425 BHD 0.37750 BHD 0.4971929 BHD 0.5279471
<b>Bangladesh <sup>1</sup></b>							
Dhaka 666	Taka = 100 poisha BDT	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	BDT 81.3708 BDT 82.3502 BDT 104.1215 BDT 107.5168	BDT 77.3000 BDT 78.2900 BDT 103.0202 BDT 107.0634	BDT 77.2500 BDT 78.2400 BDT 104.9663 BDT 109.0095	BDT 77.1500 BDT 78.1400 BDT 103.6101 BDT 107.6533
<b>Barbados</b>							
Bridgetown 469	Barbados dollar = 100 cents BBD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	BBD 1.99375 BBD 2.02768 BBD 2.56758 BBD 2.61572	BBD 1.99375 BBD 2.02768 BBD 2.69146 BBD 2.74192	BBD 1.99375 BBD 2.02768 BBD 2.73129 BBD 2.78249	BBD 1.99375 BBD 2.02768 BBD 2.70819 BBD 2.75896
<b>Belarus</b>							
Minsk 073	Belarusian rouble BYR	M M	USD 1 = EUR 1 =	BYR 8,342.50 BYR 10,734.17	BYR 9,080.00 BYR 12,250.00	BYR 9,210.00 BYR 12,660.00	BYR 9,330.00 BYR 12,680.00

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 59. <sup>1</sup> 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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Belgium</b>							
Brussels 017	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.2848	USD 1.3505	USD 1.3641	USD 1.3611
<b>Belize</b>							
Belmopan 421	Belize dollar = 100 cents  BZD	B S	USD 1 = EUR 1 =	BZD 1.9825 BZD 2.0175	BZD 1.9825 BZD 2.0175	BZD 1.9825 BZD 2.0175	BZD 1.9825 BZD 2.0175
<b>Benin <sup>1</sup></b>							
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
<b>Bermuda</b>							
Hamilton 413	Bermudian dollar = 100 cents  BMD	B S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	BMD 0.9960 BMD 1.0043 BMD 1.2797 BMD 1.2903	BMD 0.9960 BMD 1.0043 BMD 1.3451 BMD 1.3563	BMD 0.9960 BMD 1.0043 BMD 1.3586 BMD 1.3700	BMD 0.9960 BMD 1.0043 BMD 1.3557 BMD 1.3670
<b>Bhutan <sup>1</sup></b>							
Thimphu 675	Ngultrum = 100 chhetrum  BTN	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	BTN 53.39 BTN 53.77 BTN 68.89 BTN 69.35	BTN 62.09 BTN 62.53 BTN 83.86 BTN 84.44	BTN 61.26 BTN 61.69 BTN 84.28 BTN 84.85	BTN 62.34 BTN 62.79 BTN 84.80 BTN 85.40
<b>Bolivia, Plurinational State of</b>							
Sucre Seat of Government: La Paz 516	Boliviano = 100 centavos  BOB	B S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	BOB 6.86 BOB 6.96 BOB 8.8154 BOB 8.9439	BOB 6.86 BOB 6.96 BOB 9.2644 BOB 9.3995	BOB 6.86 BOB 6.96 BOB 9.3577 BOB 9.4941	BOB 6.86 BOB 6.96 BOB 9.3371 BOB 9.4733
<b>Bosnia and Herzegovina</b>							
Sarajevo 093	Convertible marka = 100 fenings  BAM	B S B / S	USD 1 = USD 1 = EUR 1 =	BAM 1.511291 BAM 1.518866 BAM 1.95583	BAM 1.441191 BAM 1.448415 BAM 1.95583	BAM 1.418350 BAM 1.425460 BAM 1.95583	BAM 1.433356 BAM 1.440540 BAM 1.95583
<b>Botswana</b>							
Gaborone 391	Pula = 100 thebe  BWP	B S B S	BWP 1 = BWP 1 = BWP 1 = BWP 1 =	USD 0.1318 USD 0.1314 EUR 0.1019 EUR 0.1017	USD 0.1168 USD 0.1165 EUR 0.0862 EUR 0.0860	USD 0.1176 USD 0.1173 EUR 0.0862 EUR 0.0860	USD 0.1160 USD 0.1158 EUR 0.0852 EUR 0.0850

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

<sup>2</sup> Value against the euro.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Brazil</b>							
Brasilia 508	Brazilian real = 100 centavos  BRL	B S  B S	USD 1 = USD 1 =  EUR 1 = EUR 1 =	BRL 1.9544 BRL 1.9550  BRL 2.5267 BRL 2.5277	BRL 2.2294 BRL 2.2300  BRL 3.0170 BRL 3.0181	BRL 2.2020 BRL 2.2026  BRL 2.9982 BRL 2.9995	BRL 2.3243 BRL 2.3249  BRL 3.1610 BRL 3.1626
<b>Brunei Darussalam <sup>1</sup></b>							
Bandar Seri Begawan 703	Brunei dollar = 100 cents  BND	B S  B S	USD 1 = USD 1 =  EUR 1 = EUR 1 =	BND 1.2350 BND 1.2560  BND 1.5838 BND 1.6405	BND 1.2472 BND 1.2680  BND 1.6716 BND 1.7280	BND 1.2289 BND 1.2499  BND 1.6763 BND 1.7330	BND 1.2450 BND 1.2660  BND 1.6818 BND 1.7384
<b>Bulgaria</b>							
Sofia 068	Bulgarian lev = 100 stotinka  BGN	M  M	USD 1 =  EUR 1 =	BGN 1.52364 BGN 1.95583	BGN 1.44823 BGN 1.95583	BGN 1.43379 BGN 1.95583	BGN 1.43695 BGN 1.95583
<b>Burkina Faso <sup>1</sup></b>							
Ouagadougou 236	CFA franc  XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Burundi</b>							
Bujumbura 328	Burundi franc = 100 centimes  BIF	B S  B S	USD 1 = USD 1 =  EUR 1 = EUR 1 =	BIF 1,432.4774 BIF 1,468.7426  BIF 1,851.3854 BIF 1,898.2559	BIF 1,523.8971 BIF 1,554.6829  BIF 2,057.0325 BIF 2,098.5887	BIF 1,524.0753 BIF 1,554.8647  BIF 2,089.5073 BIF 2,131.7195	BIF 1,525.2138 BIF 1,556.0262  BIF 2,077.0361 BIF 2,118.9965
<b>Cambodia</b>							
Phnom Penh 696	Riel = 100 sen  KHR	M  B S	USD 1 =  EUR 1 = EUR 1 =	KHR 4,034 KHR 5,201 KHR 5,201	KHR 4,062 KHR 5,481 KHR 5,536	KHR 4,040 KHR 5,546 KHR 5,601	KHR 3,995 KHR 5,434 KHR 5,488
<b>Cameroon <sup>1</sup></b>							
Yaoundé 302	CFA franc  XAF	2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
<b>Canada</b>							
Ottawa 404	Canadian dollar = 100 cents  CAD	M  M	USD 1 = EUR 1 =	CAD 0.9996 CAD 1.2898	CAD 1.0285 CAD 1.3920	CAD 1.0429 CAD 1.4177	CAD 1.0599 CAD 1.4419
<b>Cape Verde</b>							
Práia 247	Cape Verde escudo = 100 centavos  CVE	B S  2 B/S	USD 1 = USD 1 =  EUR 1 =	CVE 85.447 CVE 85.649  CVE 110.265	CVE 81.354 CVE 81.556  CVE 110.265	CVE 80.063 CVE 80.265  CVE 110.265	CVE 81.024 CVE 81.226  CVE 110.265

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

<sup>2</sup> Value against the euro.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Cayman Islands</b>							
George Town 463	Cayman Islands dollar = 100 cents KYD	2 V	KYD 1 = EUR 1 =	USD 1.20 KYD 1.0707	USD 1.20 KYD 1.1254	USD 1.20 KYD 1.1368	USD 1.20 KYD 1.1343
<b>Central African Republic <sup>1</sup></b>							
Bangui 306	CFA franc XAF	3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
<b>Chad <sup>1</sup></b>							
N'Djaména 244	CFA franc XAF	3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
<b>Chile</b>							
Santiago 512	Chilean peso = 100 centavos CLP	M M	USD 1 = EUR 1 =	CLP 485.89 CLP 624.33	CLP 502.97 CLP 680.06	CLP 508.58 CLP 698.98	CLP 528.19 CLP 718.53
<b>China</b>							
Peking / Beijing 720	Chinese yuan renminbi = 10 jiao = 100 fen CNY	M M M	USD 1 = EUR 1 = HKD 1 =	CNY 6.3128 CNY 8.1423 CNY 0.81380	CNY 6.1480 CNY 8.2983 CNY 0.79287	CNY 6.1425 CNY 8.4333 CNY 0.79226	CNY 6.1325 CNY 8.3417 CNY 0.79103
<b>China (Taiwan)</b>							
Taipeh 736	New Taiwan dollar = 100 cents TWD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	TWD 29.48 TWD 29.58 TWD 37.78 TWD 38.18	TWD 29.51 TWD 29.61 TWD 39.71 TWD 40.11	TWD 29.35 TWD 29.45 TWD 40.19 TWD 40.59	TWD 29.55 TWD 29.65 TWD 40.13 TWD 40.53
<b>Colombia</b>							
Bogotá 480	Colombian peso = 100 centavos COP	B S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	COP 1,794.93 COP 1,795.84 COP 2,306.34 COP 2,307.52	COP 1,914.16 COP 1,915.13 COP 2,585.07 COP 2,586.38	COP 1,883.58 COP 1,884.53 COP 2,569.39 COP 2,570.69	COP 1,927.82 COP 1,928.69 COP 2,623.96 COP 2,625.14
<b>Comoros</b>							
Moroni 375	Comorian franc = 100 centimes KMF	3	EUR 1 =	KMF 491.96775	KMF 491.96775	KMF 491.96775	KMF 491.96775
<b>Congo <sup>1</sup></b>							
Brazzaville 318	CFA franc XAF	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. <sup>1</sup> Explanatory notes on individual countries, see pp 63–65.

<sup>2</sup> Value against the US dollar. <sup>3</sup> Value against the euro.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Congo, Democratic Republic of the</b>							
Kinshasa 322	Congo franc = 100 centimes	B S CDF	USD 1 = USD 1 = EUR 1 = EUR 1 =	CDF 900.5358 CDF 937.2923 CDF 1,161.1351 CDF 1,208.5644	CDF 903.1852 CDF 940.0499 CDF 1,224.9127 CDF 1,274.9091	CDF 909.0438 CDF 946.1476 CDF 1,253.1401 CDF 1,304.2887	CDF 907.9868 CDF 945.0475 CDF 1,235.0146 CDF 1,285.4234
<b>Cook Islands <sup>1</sup></b>							
Avarua 837	Cook Islands dollar = 100 cents	2 B S NZD	NZD 1 = NZD 1 =	EUR 0.6404 EUR 0.6183	EUR 0.6257 EUR 0.6025	EUR 0.6131 EUR 0.5904	EUR 0.6067 EUR 0.5841
<b>Costa Rica</b>							
San José 436	Costa Rican colón = 100 céntimos	B S CRC	USD 1 = USD 1 = EUR 1 = EUR 1 =	CRC 497.23 CRC 508.28 CRC 643.1158 CRC 657.4196	CRC 493.51 CRC 505.57 CRC 666.4853 CRC 682.7723	CRC 493.64 CRC 506.02 CRC 673.3743 CRC 690.2619	CRC 492.93 CRC 505.13 CRC 670.9270 CRC 687.5324
<b>Côte d'Ivoire <sup>1</sup></b>							
Yamoussoukro Seat of Government: Abidjan 272	CFA franc	3	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Croatia</b>							
Zagreb 092	Croatian kuna = 100 lipa	B S HRK	USD 1 = USD 1 = EUR 1 = EUR 1 =	HRK 5.830774 HRK 5.865864 HRK 7.505111 HRK 7.550278	HRK 5.625470 HRK 5.659324 HRK 7.588758 HRK 7.634428	HRK 5.521477 HRK 5.554705 HRK 7.596999 HRK 7.642719	HRK 5.591183 HRK 5.624831 HRK 7.607923 HRK 7.653707
<b>Cuba <sup>1</sup></b>							
Havana 448	Convertible peso / Cuban peso = 100 centavos	B S B S CUC / CUP	CUC 1 = CUC 1 = EUR 1 = EUR 1 =	USD 1.03360 USD 0.96852 CUC 1.24829 CUC 1.33220	USD 1.03360 USD 0.96852 CUC 1.31138 CUC 1.39953	USD 1.03360 USD 0.96852 CUC 1.33247 CUC 1.42203	USD 1.03360 USD 0.96852 CUC 1.31636 CUC 1.40483
<b>Curaçao</b>							
Willemstad 477	Netherlands Antillean guilder = 100 cent	B S B S ANG	USD 1 = USD 1 = EUR 100 = EUR 100 = ANG	ANG 1.78 ANG 1.82 ANG 230.34 ANG 234.98	ANG 1.78 ANG 1.82 ANG 240.53 ANG 245.38	ANG 1.78 ANG 1.82 ANG 242.95 ANG 247.85	ANG 1.78 ANG 1.82 ANG 242.42 ANG 247.30
<b>Cyprus <sup>1</sup></b>							
Nicosia 600	Euro = 100 cent	M	EUR 1 =	USD 1.2848	USD 1.3505	USD 1.3641	USD 1.3611
<b>Czech Republic</b>							
Prague 061	Czech koruna = 100 heller	M M CZK	USD 1 = EUR 1 =	CZK 19.583 CZK 25.115	CZK 19.054 CZK 25.735	CZK 18.852 CZK 25.720	CZK 20.123 CZK 27.390

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

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Denmark</b>							
Copenhagen 008	Danish krone = 100 øre DKK	M M	USD 100 = EUR 100 =	DKK 579.72 DKK 744.52	DKK 552.24 DKK 745.80	DKK 546.79 DKK 745.87	DKK 548.01 DKK 745.89
<b>Djibouti</b>							
Djibouti 338	Djibouti franc = 100 centimes DJF	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	DJF 176.832 DJF 179.498 DJF 226.77 DJF 235.41	DJF 176.832 DJF 179.498 DJF 237.15 DJF 245.90	DJF 176.832 DJF 179.498 DJF 240.78 DJF 249.63	DJF 176.832 DJF 179.498 DJF 238.45 DJF 247.24
<b>Dominica</b>							
Roseau 460	East Caribbean dollar = 100 cents XCD	B S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	XCD 2.6882 XCD 2.7169 XCD 3.4538 XCD 3.4907	XCD 2.6882 XCD 2.7169 XCD 3.6304 XCD 3.6692	XCD 2.6882 XCD 2.7169 XCD 3.6670 XCD 3.7061	XCD 2.6882 XCD 2.7169 XCD 3.6589 XCD 3.6980
<b>Dominican Republic</b>							
Santo Domingo 456	Dominican peso = 100 centavos DOP	B S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	DOP 39.2889 DOP 39.3785 DOP 50.8090 DOP 50.9253	DOP 42.4343 DOP 42.5303 DOP 57.3075 DOP 57.4372	DOP 42.4542 DOP 42.5221 DOP 57.9118 DOP 58.0044	DOP 42.4616 DOP 42.5288 DOP 57.7945 DOP 57.8859
<b>Egypt</b>							
Cairo 220	Egyptian pound = 100 piastres = 1,000 milliems EGP	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	EGP 6.0758 EGP 6.1016 EGP 7.7897 EGP 7.9739	EGP 6.8915 EGP 6.9216 EGP 9.2628 EGP 9.5146	EGP 6.8892 EGP 6.9193 EGP 9.3434 EGP 9.5999	EGP 6.8873 EGP 6.9174 EGP 9.3305 EGP 9.5894
<b>El Salvador</b>							
San Salvador 428	El Salvador colón = 100 centavos SVC	B / S V, B/S	USD 1 = EUR 1 =	SVC 8.75 SVC 11.2420	SVC 8.75 SVC 11.8169	SVC 8.75 SVC 11.9359	SVC 8.75 SVC 11.9096
<b>Equatorial Guinea <sup>1</sup></b>							
Malabo 310	CFA franc XAF	2	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
<b>Eritrea</b>							
Asmara 336	Nakfa = 100 cents ERN	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	ERN 15.0000 ERN 15.7500 ERN 19.3804 ERN 20.1399	ERN 15.0000 ERN 15.7500 ERN 20.2575 ERN 21.0170	ERN 15.0000 ERN 15.7500 ERN 20.6970 ERN 21.4565	ERN 15.0000 ERN 15.7500 ERN 20.3880 ERN 21.1475
<b>Estonia</b>							
Tallinn 053	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3505	USD 1.3641	USD 1.3611

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

<sup>2</sup> Value against the euro.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Ethiopia</b>							
Addis Ababa 334	Birr = 100 cents  ETB	B S  ETB	USD 1 = USD 1 =  EUR 1 = EUR 1 =	ETB 17.737600 ETB 18.092358  ETB 22.886367 ETB 23.344083	ETB 18.8255 ETB 19.2020  ETB 25.4577 ETB 25.9669	ETB 18.8966 ETB 19.2745  ETB 26.0206 ETB 26.5410	ETB 18.9751 ETB 19.3546  ETB 25.7777 ETB 26.2933
<b>Falkland Islands (Islas Malvinas)</b>							
Stanley 529	Falkland Islands pound = 100 pence  FKP	2 V  FKP	USD 1 =  EUR 1 =	FKP 0.63113 FKP 0.81087	FKP 0.61907 FKP 0.83605	FKP 0.62327 FKP 0.85020	FKP 0.61182 FKP 0.83275
<b>Fiji</b>							
Suva 815	Fiji dollar = 100 cents  FJD	B S  FJD	FJD 1 = FJD 1 =  FJD 1 = FJD 1 =	USD 0.5676 USD 0.5506  EUR 0.4396 EUR 0.4276	USD 0.5460 USD 0.5290  EUR 0.4040 EUR 0.3920	USD 0.5490 USD 0.5320  EUR 0.3993 EUR 0.3873	USD 0.5387 USD 0.5217  EUR 0.3953 EUR 0.3833
<b>Finland</b>							
Helsinki 032	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.2848	USD 1.3505	USD 1.3641	USD 1.3611
<b>France</b>							
Paris 001	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.2848	USD 1.3505	USD 1.3641	USD 1.3611
<b>Gabon <sup>1</sup></b>							
Libreville 314	CFA franc  XAF	3	EUR 1 =	XAF 655.957	XAF 655.957	XAF 655.957	XAF 655.957
<b>Gambia</b>							
Banjul 252	Dalasi = 100 bututs  GMD	B S  B S	USD 1 = USD 1 =  EUR 1 = EUR 1 =	.	GMD 34.45 GMD 35.00  GMD 44.50 GMD 46.50	GMD 35.20 GMD 37.50  GMD 45.00 GMD 46.80	GMD 36.70 GMD 38.00  GMD 47.70 GMD 50.00
<b>Georgia</b>							
Tbilisi 076	Lari = 100 tetri  GEL	M	USD 1 =  EUR 1 =	GEL 1.6524 GEL 2.1268	GEL 1.6644 GEL 2.2474	GEL 1.6707 GEL 2.2985	GEL 1.6567 GEL 2.1825
<b>Germany</b>							
Berlin 004	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.2848	USD 1.3505	USD 1.3641	USD 1.3611

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

<sup>2</sup> Value (1:1) against the pound sterling. <sup>3</sup> Value against the euro.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Ghana</b>							
Accra 276	Ghana cedi = 100 Ghana pesewas	B S GHS	USD 1 = USD 1 = EUR 1 = EUR 1 =	GHS 1.8191 GHS 1.8535 GHS 2.3494 GHS 2.3937	GHS 1.9975 GHS 2.0000 GHS 2.7045 GHS 2.7076	GHS 2.0243 GHS 2.0268 GHS 2.7879 GHS 2.7912	GHS 2.0805 GHS 2.0830 GHS 2.8292 GHS 2.8320
<b>Gibraltar</b>							
Gibraltar 044	Gibraltar pound = 100 pence	2 V GIP	USD 1 = EUR 1 =	GIP 0.63113 GIP 0.81087	GIP 0.61907 GIP 0.83605	GIP 0.62327 GIP 0.85020	GIP 0.61182 GIP 0.83275
<b>Greece</b>							
Athens 009	Euro = 100 cent	M EUR	EUR 1 =	USD 1.2848	USD 1.3505	USD 1.3641	USD 1.3611
<b>Grenada</b>							
St George's 473	East Caribbean dollar = 100 cents	B S XCD	USD 1 = USD 1 = EUR 1 = EUR 1 =	XCD 2.6882 XCD 2.7169 XCD 3.4538 XCD 3.4907	XCD 2.6882 XCD 2.7169 XCD 3.6304 XCD 3.6692	XCD 2.6882 XCD 2.7169 XCD 3.6670 XCD 3.7061	XCD 2.6882 XCD 2.7169 XCD 3.6589 XCD 3.6980
<b>Guatemala</b>							
Guatemala City 416	Quetzal = 100 centavos	M V, M GTQ	USD 1 = EUR 1 =	GTQ 7.83980 GTQ 10.13717	GTQ 7.93365 GTQ 10.71439	GTQ 7.92268 GTQ 10.80733	GTQ 7.90052 GTQ 10.75340
<b>Guinea</b>							
Conakry 260	Guinean franc	B S GNF	USD 1 = USD 1 = EUR 1 = EUR 1 =	GNF 6,664.2067 GNF 7,076.4257 GNF 8,612.2704 GNF 9,144.9881	GNF 6,549.4885 GNF 6,954.6116 GNF 8,832.0507 GNF 9,378.3632	GNF 6,569.8878 GNF 6,976.2727 GNF 8,999.3010 GNF 9,555.9587	GNF 6,631.6426 GNF 7,041.8473 GNF 9,025.5992 GNF 9,583.8837
<b>Guinea Bissau <sup>1</sup></b>							
Bissau 257	CFA franc	3 XOF	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Guyana</b>							
Georgetown 488	Guyana dollar = 100 cents	B S GYD	USD 1 = USD 1 = EUR 1 = EUR 1 =	GYD 203.84 GYD 206.27 GYD 263.48 GYD 266.82	GYD 204.99 GYD 207.43 GYD 276.53 GYD 280.03	GYD 204.99 GYD 207.43 GYD 279.89 GYD 283.43	GYD 205.49 GYD 207.93 GYD 279.52 GYD 283.06

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

<sup>2</sup> Value (1:1) against the pound sterling. <sup>3</sup> Value against the euro.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Haiti</b>							
Port-au-Prince 452	Gourde = 100 centimes HTG	M V, M	USD 1 = EUR 1 =	HTG 42.0110 HTG 54.3233	HTG 43.7429 HTG 59.0748	HTG 43.8080 HTG 59.7585	HTG 43.8496 HTG 59.6837
<b>Honduras</b>							
Tegucigalpa 424	Lempira = 100 centavos HNL	B S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	HNL 19.5386 HNL 19.6750 HNL 25.2644 HNL 25.4407	HNL 20.5467 HNL 20.6833 HNL 27.7483 HNL 27.9328	HNL 20.5407 HNL 20.6828 HNL 28.0196 HNL 28.2134	HNL 20.5855 HNL 20.7295 HNL 28.0189 HNL 28.2149
<b>Hong Kong</b>							
Hong Kong 740	Hong Kong dollar = 100 cents HKD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	HKD 7.74472 HKD 7.76801 HKD 9.99419 HKD 10.06214	HKD 7.74220 HKD 7.76430 HKD 10.43288 HKD 10.49292	HKD 7.74130 HKD 7.76340 HKD 10.59218 HKD 10.65222	HKD 7.74100 HKD 7.76310 HKD 10.51658 HKD 10.57662
<b>Hungary</b>							
Budapest 064	Hungarian forint = 100 fillér HUF	M	USD 1 = EUR 1 =	HUF 225.37 HUF 288.05	HUF 221.06 HUF 298.48	HUF 215.06 HUF 294.50	HUF 220.99 HUF 300.94
<b>Iceland</b>							
Reykjavík 024	Icelandic krona ISK	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	ISK 126.59 ISK 127.20 ISK 160.29 ISK 161.18	ISK 120.78 ISK 121.36 ISK 162.93 ISK 163.85	ISK 120.04 ISK 120.62 ISK 163.97 ISK 164.89	ISK 119.30 ISK 119.86 ISK 162.25 ISK 163.15
<b>India <sup>1</sup></b>							
New Delhi 664	Indian rupee = 100 paise INR	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	INR 52.99 INR 53.82 INR 68.23 INR 69.80	INR 62.05 INR 62.89 INR 83.46 INR 85.22	INR 61.00 INR 61.84 INR 83.27 INR 85.03	INR 61.90 INR 62.74 INR 84.03 INR 85.80
<b>Indonesia</b>							
Jakarta 700	Indonesian rupiah = 100 sen IDR	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	IDR 9,359.88 IDR 9,453.71 IDR 12,098.85 IDR 12,223.43	IDR 11,555.00 IDR 11,671.00 IDR 15,592.32 IDR 15,750.01	IDR 11,178.00 IDR 11,290.00 IDR 15,348.51 IDR 15,506.82	IDR 11,917.00 IDR 12,037.00 IDR 16,226.19 IDR 16,394.39
<b>Iran, Islamic Republic of <sup>1</sup></b>							
Tehran 616	Iranian rial = 100 dinars IRR	M M	USD 1 = EUR 1 =	IRR 12,260 IRR 15,844	IRR 24,812 IRR 33,512	IRR 24,955 IRR 34,213	IRR 24,829 IRR 33,718

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 59. <sup>1</sup> 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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Iraq</b>							
Baghdad 612	Iraqi dinar = 1,000 fils	B S	USD 1 = USD 1 =	IQD 1,164.000 IQD 1,166.000	IQD 1,164.000 IQD 1,166.000	IQD 1,164.000 IQD 1,166.000	IQD 1,164.000 IQD 1,166.000
		B S	EUR 1 = EUR 1 =	IQD 1,501.222 IQD 1,501.973	IQD 1,577.625 IQD 1,578.414	IQD 1,603.031 IQD 1,603.833	IQD 1,584.501 IQD 1,585.294
<b>Ireland</b>							
Dublin 007	Euro = 100 cent	M	EUR 1 =	USD 1.2848	USD 1.3505	USD 1.3641	USD 1.3611
	EUR						
<b>Israel</b>							
Jerusalem 624	New Israeli sheqel = 100 agorot	M M	USD 1 = EUR 1 =	ILS 3.8580 ILS 4.9645	ILS 3.5370 ILS 4.7734	ILS 3.5190 ILS 4.8030	ILS 3.5230 ILS 4.7969
	ILS						
<b>Italy</b>							
Rome 005	Euro = 100 cent	M	EUR 1 =	USD 1.2848	USD 1.3505	USD 1.3641	USD 1.3611
	EUR						
<b>Jamaica</b>							
Kingston 464	Jamaican dollar = 100 cents	B S	USD 1 = USD 1 =	JMD 88.7233 JMD 89.2293	JMD 102.8744 JMD 103.5953	JMD 104.3199 JMD 105.0532	JMD 105.4110 JMD 105.8041
	JMD	B S	EUR 1 = EUR 1 =	JMD 114.3491 JMD 114.9744	JMD 139.1200 JMD 140.1552	JMD 143.8124 JMD 144.6982	JMD 143.2701 JMD 143.9502
<b>Japan</b>							
Tokyo 732	Japanese yen = 100 sen	B S	USD 1 = USD 1 =	JPY 78.75 JPY 80.75	JPY 96.75 JPY 98.75	JPY 97.51 JPY 99.51	JPY 101.42 JPY 103.42
	JPY	B S	EUR 1 = EUR 1 =	JPY 101.96 JPY 104.96	JPY 130.37 JPY 133.37	JPY 133.77 JPY 136.77	JPY 137.96 JPY 140.96
<b>Jordan</b>							
Amman 628	Jordanian dinar = 1,000 fils	B S	USD 1 = USD 1 =	JOD 0.7080 JOD 0.7100	JOD 0.7080 JOD 0.7100	JOD 0.7080 JOD 0.7100	JOD 0.7080 JOD 0.7100
	JOD	B S	EUR 1 = EUR 1 =	JOD 0.91113 JOD 0.91907	JOD 0.95368 JOD 0.95928	JOD 0.96522 JOD 0.97540	JOD 0.96040 JOD 0.96681
<b>Kazakhstan</b>							
Astana 079	Tenge = 100 tyin	M M	USD 1 = EUR 1 =	KZT 149.16 KZT 191.85	KZT 153.62 KZT 207.56	KZT 154.33 KZT 212.42	KZT 154.05 KZT 209.71
	KZT						
<b>Kenya <sup>1</sup></b>							
Nairobi 346	Kenya shilling = 100 cents	B S	USD 1 = USD 1 =	KES 84.5576 KES 84.7455	KES 86.5417 KES 86.7500	KES 85.0483 KES 85.2456	KES 86.8944 KES 87.0917
	KES	B S	EUR 1 = EUR 1 =	KES 109.2470 KES 109.5186	KES 116.7278 KES 117.0372	KES 116.5206 KES 116.8335	KES 118.3306 KES 118.6061

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 59. <sup>1</sup> 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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Kiribati <sup>1</sup></b>							
Bairiki / Tarawa 812	Australian dollar / Kiribati = 100 cents  AUD	2 M	AUD 1 =	EUR 0.8043	EUR 0.6900	EUR 0.6923	EUR 0.6676
<b>Korea, Democratic People's Republic of</b>							
Pyongyang 724	North Korean won = 100 chon  KPW	B S	USD 1 = USD 1 =	KPW 101.28 KPW 101.80	KPW 98.44 KPW 99.18	KPW 98.23 KPW 98.97	KPW 98.30 KPW 99.04
		B S	EUR 1 = EUR 1 =	KPW 130.28 KPW 130.95	KPW 132.90 KPW 133.90	KPW 133.44 KPW 134.44	KPW 133.20 KPW 134.20
<b>Korea, Republic of</b>							
Seoul 728	South Korean won = 100 chon  KRW	B S	USD 1 = USD 1 =	KRW 1,115.11 KRW 1,137.09	KRW 1,064.20 KRW 1,085.20	KRW 1,050.40 KRW 1,071.00	KRW 1,047.90 KRW 1,068.50
		B S	EUR 1 = EUR 1 =	KRW 1,431.95 KRW 1,460.87	KRW 1,435.50 KRW 1,464.48	KRW 1,438.63 KRW 1,467.69	KRW 1,426.23 KRW 1,455.03
<b>Kuwait</b>							
Kuwait 636	Kuwaiti dinar = 1,000 fils  KWD	B S	USD 1 = USD 1 =	KWD 0.27847 KWD 0.28228	KWD 0.28150 KWD 0.28510	KWD 0.28060 KWD 0.28470	KWD 0.28115 KWD 0.28525
		B S	EUR 1 = EUR 1 =	KWD 0.359199 KWD 0.364109	KWD 0.379912 KWD 0.384771	KWD 0.382612 KWD 0.388203	KWD 0.382181 KWD 0.387755
<b>Kyrgyzstan</b>							
Bishkek 083	Kyrgyz som = 100 tyiyn  KGS	M	USD 1 = EUR 1 =	KGS 46.9602 KGS 60.4458	KGS 48.6197 KGS 65.6731	KGS 48.5027 KGS 66.7809	KGS 48.9590 KGS 66.6234
<b>Lao People's Democratic Republic</b>							
Vientiane 684	Kip  LAK	B S	USD 1 = USD 1 =	LAK 7,987 LAK 8,023	LAK 7,837 LAK 7,863	LAK 7,891 LAK 7,917	LAK 7,982 LAK 8,020
		B S	EUR 1 = EUR 1 =	LAK 10,292 LAK 10,341	LAK 10,554 LAK 10,604	LAK 10,810 LAK 10,861	LAK 10,849 LAK 10,901
<b>Latvia</b>							
Riga 054	Latvian lats = 100 santims  LVL	M	USD 1 = EUR 1 =	LVL 0.5469 LVL 0.702804	LVL 0.5210 LVL 0.702804	LVL 0.5120 LVL 0.702804	LVL 0.5170 LVL 0.702804
<b>Lebanon</b>							
Beirut 604	Lebanese pound = 100 piastres  LBP	M	USD 1 = EUR 1 =	LBP 1,507.50 LBP 1,941.40	LBP 1,507.50 LBP 2,035.13	LBP 1,507.50 LBP 2,056.08	LBP 1,507.50 LBP 2,051.41

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 59. <sup>1</sup> Explanatory notes on individual countries, see pp 63–65.  
<sup>2</sup> Parity in relation to Australian dollar.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Lesotho <sup>1</sup></b>							
Maseru 395	Loti = 100 lisente LSL	M M LSL	USD 1 = EUR 1 =	LSL 8.1972 LSL 10.5883	LSL 10.0379 LSL 13.5997	LSL 9.9855 LSL 13.6109	LSL 9.8671 LSL 13.5797
<b>Liberia <sup>1</sup></b>							
Monrovia 268	Liberian dollar = 100 cents LRD	B S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	LRD 73.17 LRD 74.17 LRD 94.6024 LRD 95.8956	LRD 79.50 LRD 80.50 LRD 107.3648 LRD 108.7153	LRD 80.50 LRD 81.50 LRD 109.8101 LRD 111.1742	LRD 81.00 LRD 82.00 LRD 110.2491 LRD 111.6102
<b>Libya</b>							
Tripoli 216	Libyan dinar = 1,000 dirham LYD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	LYD 1.2566 LYD 1.2629 LYD 1.6218 LYD 1.6300	LYD 1.2566 LYD 1.2629 LYD 1.6960 LYD 1.7045	LYD 1.2515 LYD 1.2577 LYD 1.7141 LYD 1.7227	LYD 1.2563 LYD 1.2626 LYD 1.7067 LYD 1.7153
<b>Lithuania</b>							
Vilnius 055	Lithuanian litas = 100 centas LTL	M M	USD 1 = EUR 1 =	LTL 2.6870 LTL 3.4528	LTL 2.5588 LTL 3.4528	LTL 2.5128 LTL 3.4528	LTL 2.5411 LTL 3.4528
<b>Luxembourg</b>							
Luxembourg 018	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3505	USD 1.3641	USD 1.3611
<b>Macao <sup>1</sup></b>							
Macao 743	Pataca = 100 avos MOP	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	MOP 7.9392 MOP 8.0390 MOP 10.2481 MOP 10.3770	MOP 7.9368 MOP 8.0367 MOP 10.7123 MOP 10.8470	MOP 7.9358 MOP 8.0358 MOP 10.8960 MOP 11.0329	MOP 7.9351 MOP 8.0350 MOP 10.8021 MOP 10.9381
<b>Macedonia <sup>1</sup></b>							
Skopje 096	Macedonian denar = 100 deni MKD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	MKD 47.6094 MKD 48.0879 MKD 61.2187 MKD 61.8339	MKD 45.2042 MKD 45.6585 MKD 61.1929 MKD 61.8079	MKD 44.4929 MKD 44.9400 MKD 61.2000 MKD 61.8150	MKD 44.9768 MKD 45.4289 MKD 61.2180 MKD 61.8332
<b>Madagascar</b>							
Antananarivo 370	Ariary = 5 iraimbilanja MGA	M M	USD 1 = EUR 1 =	MGA 2,196.26 MGA 2,824.67	MGA 2,225.61 MGA 2,913.80	MGA 2,175.06 MGA 2,987.28	MGA 2,236.09 MGA 3,042.00
<b>Malawi</b>							
Lilongwe 386	Malawi kwacha = 100 tambala MWK	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	MWK 250.9565 MWK 256.0263 MWK 322.5716 MWK 329.0882	MWK 359.0284 MWK 383.9170 MWK 484.4729 MWK 518.0576	MWK 383.9310 MWK 409.5608 MWK 527.3676 MWK 562.5727	MWK 404.2422 MWK 431.4006 MWK 550.0119 MWK 586.9637

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 59. <sup>1</sup> 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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Malaysia</b>							
Kuala Lumpur Seat of Government: Putrajaya 701	Malaysian ringgit = 100 sen  MYR	B S	USD 1 = USD 1 =	MYR 3.0568 MYR 3.1220	MYR 3.2192 MYR 3.2908	MYR 3.1228 MYR 3.1922	MYR 3.1960 MYR 3.2670
<b>Maldives</b>							
Malé 667	Rufiyaa = 100 laari  MVR	M V, M	USD 1 = EUR 1 =	MVR 15.39 MVR 19.90514	MVR 15.36 MVR 20.74368	MVR 15.39 MVR 20.99350	MVR 15.40 MVR 20.96094
<b>Mali <sup>1</sup></b>							
Bamako 232	CFA franc  XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Malta</b>							
Valletta 046	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.2848	USD 1.3505	USD 1.3641	USD 1.3611
<b>Mauritania</b>							
Nouakchott 228	Ouguiya = 5 khoums  MRO	B S	USD 1 = USD 1 =	MRO 295.46 MRO 298.42	MRO 302.63 MRO 305.67	MRO 296.24 MRO 299.21	MRO 294.54 MRO 297.49
		B S	EUR 1 = EUR 1 =	MRO 380.73 MRO 384.54	MRO 408.04 MRO 412.13	MRO 407.83 MRO 411.92	MRO 398.34 MRO 402.34
<b>Mauritius</b>							
Port Louis 373	Mauritian rupee = 100 cents  MUR	B S	USD 1 = USD 1 =	MUR 29.3421 MUR 30.6656	MUR 30.1927 MUR 31.0634	MUR 29.8200 MUR 30.6957	MUR 29.9649 MUR 30.8483
		B S	EUR 1 = EUR 1 =	MUR 37.8922 MUR 39.6217	MUR 40.7143 MUR 41.9156	MUR 40.8022 MUR 41.9848	MUR 40.6921 MUR 41.8712
<b>Mexico</b>							
Mexico City 412	Mexican peso = 100 centavos  MXN	B S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	MXN 13.1501 MXN 13.1531 MXN 16.9621 MXN 16.9657	MXN 13.1504 MXN 13.1524 MXN 17.7596 MXN 17.7623	MXN 13.0380 MXN 13.0400 MXN 17.7851 MXN 17.7879	MXN 13.1125 MXN 13.1175 MXN 17.8474 MXN 17.8542
<b>Moldova, Republic of</b>							
Chisinau 074	Moldovan leu = 100 bani  MDL	M	USD 1 = EUR 1 =	MDL 12.1134 MDL 15.5712	MDL 12.9503 MDL 17.4888	MDL 12.8195 MDL 17.6402	MDL 13.1238 MDL 17.8373
<b>Mongolia</b>							
Ulan Bator 716	Togrog = 100 mongo  MNT	M	USD 1 = EUR 1 =	MNT 1,359.82 MNT 1,756.31	MNT 1,655.44 MNT 2,235.92	MNT 1,716.28 MNT 2,351.30	MNT 1,741.71 MNT 2,369.94

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

<sup>2</sup> Value against the euro.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Morocco</b>							
Rabat 204	Moroccan dirham = 100 centimes	B S	USD 1 = USD 1 =	MAD 8.5939 MAD 8.6456	MAD 8.2426 MAD 8.2921	MAD 8.2000 MAD 8.2493	MAD 8.2127 MAD 8.2620
	MAD	B S	EUR 1 = EUR 1 =	MAD 11.060 MAD 11.126	MAD 11.163 MAD 11.230	MAD 11.175 MAD 11.243	MAD 11.172 MAD 11.239
<b>Mozambique</b>							
Maputo 366	Metical = 100 centavos	B S	USD 1 = USD 1 =	MZN 28.21 MZN 28.41	MZN 29.76 MZN 29.96	MZN 29.77 MZN 29.97	MZN 29.83 MZN 30.03
	MZN	B S	EUR 1 = EUR 1 =	MZN 36.51 MZN 36.77	MZN 40.31 MZN 40.59	MZN 40.61 MZN 40.88	MZN 40.60 MZN 40.87
<b>Myanmar</b>							
Nay Pyi Taw 676	Kyat = 100 pyas	M V, M	USD 1 = EUR 1 =	.	MMK 973.00 MMK 1,313.40	MMK 972.00 MMK 1,334.30	MMK 983.00 MMK 1,337.10
<b>Namibia <sup>1</sup></b>							
Windhoek 389	Namibia dollar = 100 cents	M NAD	USD 1 = EUR 1 =	NAD 8.1898 NAD 10.5691	NAD 10.0017 NAD 13.6889	NAD 9.9502 NAD 13.6318	NAD 10.1812 NAD 13.0722
<b>Nepal</b>							
Kathmandu 672	Nepalese rupee = 100 paisa	B S	USD 1 = USD 1 =	NPR 85.30 NPR 85.90	NPR 99.70 NPR 100.30	NPR 97.96 NPR 98.56	NPR 99.56 NPR 100.16
	NPR	B S	EUR 1 = EUR 1 =	NPR 110.14 NPR 110.91	NPR 134.81 NPR 135.63	NPR 134.79 NPR 135.61	NPR 135.37 NPR 136.19
<b>Netherlands</b>							
Amsterdam Seat of Government: The Hague 003	Euro = 100 cent	M	EUR 1 =	USD 1.2848	USD 1.3505	USD 1.3641	USD 1.3611
	EUR						
<b>New Caledonia <sup>1</sup></b>							
Nouméa 809	CFP franc	2	XPF 1000 =	EUR 8.38	EUR 8.38	EUR 8.38	EUR 8.38
	XPF						
<b>New Zealand</b>							
Wellington 804	New Zealand dollar = 100 cents	B S	NZD 1 = NZD 1 =	USD 0.8237 USD 0.8008	USD 0.8419 USD 0.8166	USD 0.8394 USD 0.8142	USD 0.8237 USD 0.7988
	NZD	B S	NZD 1 = NZD 1 =	EUR 0.6404 EUR 0.6183	EUR 0.6257 EUR 0.6025	EUR 0.6131 EUR 0.5904	EUR 0.6067 EUR 0.5841

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

<sup>2</sup> Value against the euro.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Nicaragua</b>							
Managua 432	Córdoba = 100 centavos NIO	M V, M	USD 1 = EUR 1 =	NIO 23.5930 NIO 30.5067	NIO 25.0222 NIO 33.7925	NIO 25.1261 NIO 34.2745	NIO 25.2270 NIO 34.3365
<b>Niger <sup>1</sup></b>							
Niamey 240	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Nigeria</b>							
Abuja 288	Naira = 100 kobo NGN	B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	NGN 154.93 NGN 155.93 NGN 199.5318 NGN 200.8197	NGN 154.75 NGN 155.75 NGN 208.8506 NGN 210.2002	NGN 154.80 NGN 155.80 NGN 211.1936 NGN 212.5579	NGN 154.72 NGN 155.72 NGN 210.6358 NGN 211.9972
<b>Norway</b>							
Oslo 028	Norwegian krone = 100 øre NOK	B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	NOK 5.8116 NOK 5.8338 NOK 7.4584 NOK 7.4889	NOK 5.9875 NOK 6.0175 NOK 8.0723 NOK 8.1123	NOK 5.8918 NOK 5.9218 NOK 8.0720 NOK 8.1120	NOK 6.0783 NOK 6.1083 NOK 8.2708 NOK 8.3108
<b>Oman</b>							
Muscat 649	Rial Omani = 1,000 baiza OMR	B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	OMR 0.3840 OMR 0.3850 OMR 0.4963232 OMR 0.4977216	OMR 0.3840 OMR 0.3850 OMR 0.5185536 OMR 0.5199810	OMR 0.3840 OMR 0.3850 OMR 0.5263488 OMR 0.5277580	OMR 0.3840 OMR 0.3850 OMR 0.5195904 OMR 0.5209820
<b>Pakistan</b>							
Islamabad 662	Pakistani rupee = 100 paisa PKR	B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	PKR 93.20 PKR 93.40 PKR 119.95 PKR 120.21	PKR 105.30 PKR 105.50 PKR 142.20 PKR 142.47	PKR 106.40 PKR 106.60 PKR 145.86 PKR 146.14	PKR 108.00 PKR 108.20 PKR 147.05 PKR 147.33
<b>Panama <sup>1</sup></b>							
Panama City 442	Balboa = 100 centésimos PAB	3 V	USD 1 = EUR 1 =	PAB 1 PAB 1.2848	PAB 1 PAB 1.3505	PAB 1 PAB 1.3641	PAB 1 PAB 1.3611
<b>Papua New Guinea</b>							
Port Moresby 801	Kina = 100 toea PGK	B S	PGK 1 = PGK 1 = PGK 1 = PGK 1 =	USD 0.5035 USD 0.4615 EUR 0.3854 EUR 0.3649	USD 0.4218 USD 0.3601 EUR 0.3126 EUR 0.2669	USD 0.4183 USD 0.3566 EUR 0.3047 EUR 0.2590	USD 0.4200 USD 0.3600 EUR 0.3087 EUR 0.2646

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 59. <sup>1</sup> 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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Paraguay</b>							
Asunción 520	Guaraní = 100 céntimos  PYG	B S  V, B V, S	USD 1 = USD 1 =  EUR 1 = EUR 1 =	PYG 4,422.27 PYG 4,432.49  PYG 5,681.95 PYG 5,695.16	PYG 4,441.15 PYG 4,445.30  PYG 5,997.77 PYG 6,003.38	PYG 4,431.45 PYG 4,436.54  PYG 6,044.94 PYG 6,051.88	PYG 4,420.63 PYG 4,433.72  PYG 6,016.92 PYG 6,034.74
<b>Peru</b>							
Lima 504	Nuevo sol = 100 céntimos  PEN	B S  B S	USD 1 = USD 1 =  EUR 1 = EUR 1 =	PEN 2.639 PEN 2.640  PEN 3.346 PEN 3.552	PEN 2.781 PEN 2.782  PEN 3.647 PEN 3.829	PEN 2.768 PEN 2.770  PEN 3.758 PEN 3.843	PEN 2.800 PEN 2.802  PEN 3.760 PEN 3.899
<b>Philippines</b>							
Manila 708	Philippine peso = 100 centavos  PHP	B S  B S	USD 1 = USD 1 =  EUR 1 = EUR 1 =	PHP 41.79659 PHP 42.51549  PHP 53.54778 PHP 55.00496	PHP 42.97398 PHP 44.10602  PHP 58.11371 PHP 59.64457	PHP 42.64827 PHP 43.77173  PHP 58.58593 PHP 60.12923	PHP 43.19112 PHP 44.32888  PHP 58.64922 PHP 60.19419
<b>Poland</b>							
Warsaw 060	Polish zloty = 100 groszy  PLN	M M	USD 1 = EUR 1 =	PLN 3.2581 PLN 4.1736	PLN 3.1227 PLN 4.2163	PLN 3.0507 PLN 4.1766	PLN 3.0846 PLN 4.1998
<b>Portugal</b>							
Lisbon 010	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.2848	USD 1.3505	USD 1.3641	USD 1.3611
<b>Qatar</b>							
Doha 644	Qatari riyal = 100 dirham  QAR	B S  B S	USD 1 = USD 1 =  EUR 1 = EUR 1 =	QAR 3.6300 QAR 3.6502  QAR 4.631 QAR 4.778	QAR 3.6300 QAR 3.6502  QAR 4.841 QAR 4.989	QAR 3.6300 QAR 3.6502  QAR 4.915 QAR 5.064	QAR 3.6300 QAR 3.6502  QAR 4.869 QAR 5.018
<b>Romania</b>							
Bucharest 066	Romanian leu = 100 bani  RON	M M	USD 1 = EUR 1 =	RON 3.4704 RON 4.4513	RON 3.3051 RON 4.4604	RON 3.2441 RON 4.4306	RON 3.2644 RON 4.4412
<b>Russian Federation</b>							
Moscow 075	Russian rouble = 100 kopeken  RUB	M M	USD 1 = EUR 1 =	RUB 31.0739 RUB 39.9967	RUB 32.3451 RUB 43.6497	RUB 32.0613 RUB 44.0586	RUB 33.1916 RUB 45.1870

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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Rwanda</b>							
Kigali 324	Rwanda franc = 100 centimes  RWF	B S  B S	USD 1 = USD 1 =  EUR 1 = EUR 1 =	RWF 609.900652 RWF 619.737759  RWF 784.159222 RWF 796.806952	RWF 651.169171 RWF 663.660049  RWF 877.320224 RWF 894.149184	RWF 655.384586 RWF 667.956324  RWF 901.809190 RWF 919.107902	RWF 660.277287 RWF 672.942879  RWF 895.012466 RWF 912.180802
<b>Saint Helena, Ascension and Tristan da Cunha</b>							
Jamestown 329	Saint Helena pound = 100 pence  SHP	2 V  2 V	USD 1 = EUR 1 =	SHP 0.63113 SHP 0.81087	SHP 0.61907 SHP 0.83605	SHP 0.62327 SHP 0.85020	SHP 0.61182 SHP 0.83275
<b>Saint Kitts and Nevis</b>							
Basseterre 449	East Caribbean dollar = 100 cents  XCD	B S  V, B V, S	USD 1 = USD 1 =  EUR 1 = EUR 1 =	XCD 2.6882 XCD 2.7169  XCD 3.4538 XCD 3.4907	XCD 2.6882 XCD 2.7169  XCD 3.6304 XCD 3.6692	XCD 2.6882 XCD 2.7169  XCD 3.6670 XCD 3.7061	XCD 2.6882 XCD 2.7169  XCD 3.6589 XCD 3.6980
<b>Saint Lucia</b>							
Castries 465	East Caribbean dollar = 100 cents  XCD	B S  V, B V, S	USD 1 = USD 1 =  EUR 1 = EUR 1 =	XCD 2.6882 XCD 2.7169  XCD 3.4538 XCD 3.4907	XCD 2.6882 XCD 2.7169  XCD 3.6304 XCD 3.6692	XCD 2.6882 XCD 2.7169  XCD 3.6670 XCD 3.7061	XCD 2.6882 XCD 2.7169  XCD 3.6589 XCD 3.6980
<b>Saint Vincent and the Grenadines</b>							
Kingstown 467	East Caribbean dollar = 100 cents  XCD	B S  V, B V, S	USD 1 = USD 1 =  EUR 1 = EUR 1 =	XCD 2.6882 XCD 2.7169  XCD 3.4538 XCD 3.4907	XCD 2.6882 XCD 2.7169  XCD 3.6304 XCD 3.6692	XCD 2.6882 XCD 2.7169  XCD 3.6670 XCD 3.7061	XCD 2.6882 XCD 2.7169  XCD 3.6589 XCD 3.6980
<b>Samoa</b>							
Apia 819	Tala = 100 sene  WST	B S  B S	WST 1 = WST 1 =  WST 1 = WST 1 =	USD 0.4451 USD 0.4281  EUR 0.3618 EUR 0.3211	USD 0.4400 USD 0.4230  EUR 0.3438 EUR 0.2988	USD 0.4413 USD 0.4243  EUR 0.3432 EUR 0.2982	USD 0.4354 USD 0.4184  EUR 0.3386 EUR 0.2936
<b>Sao Tome and Principe <sup>1</sup></b>							
São Tomé 311	Dobra = 100 céntimos  STD	B S  M	USD 1 = USD 1 =  EUR 1 =	STD 19,026.23 STD 19,311.62  STD 24,500.00	STD 18,149.49 STD 18,421.73  STD 24,500.00	STD 17,811.70 STD 18,078.88  STD 24,500.00	STD 18,025.31 STD 18,295.69  STD 24,500.00
<b>Saudi Arabia</b>							
Riyadh 632	Saudi riyal = 100 halalah  SAR	B S  B S	USD 1 = USD 1 =  EUR 1 = EUR 1 =	SAR 3.7440 SAR 3.7540  SAR 4.7491 SAR 5.0116	SAR 3.7440 SAR 3.7540  SAR 4.9627 SAR 5.2159	SAR 3.7440 SAR 3.7540  SAR 5.0382 SAR 5.2953	SAR 3.7440 SAR 3.7540  SAR 4.9232 SAR 5.2952

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

<sup>2</sup> Value (1:1) against the pound sterling.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Senegal <sup>1</sup></b>							
Dakar 248	CFA franc XOF	<sup>2</sup>	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Serbia</b>							
Belgrade 099	Serbian dinar = 100 para  RSD	B S	USD 1 = USD 1 =	RSD 87.7097 RSD 88.2375	RSD 84.6312 RSD 85.1406	RSD 82.9498 RSD 83.4490	RSD 83.4817 RSD 83.9841
		B S	EUR 1 = EUR 1 =	RSD 112.8400 RSD 113.5191	RSD 114.2606 RSD 114.9482	RSD 113.6662 RSD 114.3502	RSD 113.7021 RSD 114.3863
<b>Seychelles</b>							
Victoria 355	Seychelles rupee = 100 cents  SCR	B S	USD 1 = USD 1 =	SCR 13.4197 SCR 13.8702	SCR 11.8296 SCR 12.2069	SCR 11.8351 SCR 12.2383	SCR 11.7878 SCR 12.2302
		B S	EUR 1 = EUR 1 =	SCR 17.4614 SCR 17.9058	SCR 16.0973 SCR 16.4159	SCR 16.2097 SCR 16.7850	SCR 16.1714 SCR 16.5947
<b>Sierra Leone</b>							
Freetown 264	Leone = 100 cents  SLL	B S V, B V, S	USD 1 = USD 1 = EUR 1 = EUR 1 =	SLL 4,298.64 SLL 4,385.48 SLL 5,559.12 SLL 5,671.42	SLL 4,292.74 SLL 4,379.46 SLL 5,797.35 SLL 5,914.46	SLL 4,298.35 SLL 4,385.18 SLL 5,863.38 SLL 5,981.82	SLL 4,318.32 SLL 4,405.56 SLL 5,877.67 SLL 5,996.41
<b>Singapore <sup>1</sup></b>							
Singapore 706	Singapore dollar = 100 cents  SGD	M	USD 1 = EUR 1 =	SGD 1.2479 SGD 1.6095	SGD 1.2572 SGD 1.6975	SGD 1.2394 SGD 1.6996	SGD 1.2555 SGD 1.7097
<b>Sint Maarten (southern part)</b>							
Philipsburg 479	Netherlands Antillean guilder = 100 cent  ANG	B S	USD 1 = USD 1 = EUR 100 = EUR 100 =	ANG 1.78 ANG 1.82 ANG 230.34 ANG 234.98	ANG 1.78 ANG 1.82 ANG 240.53 ANG 245.38	ANG 1.78 ANG 1.82 ANG 242.95 ANG 247.85	ANG 1.78 ANG 1.82 ANG 242.42 ANG 247.30
<b>Slovakia</b>							
Bratislava 063	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.2848	USD 1.3505	USD 1.3641	USD 1.3611
<b>Slovenia</b>							
Ljubljana 091	Euro = 100 cent  EUR	M	EUR 1 =	USD 1.2848	USD 1.3505	USD 1.3641	USD 1.3611
<b>Solomon Islands</b>							
Honiara 806	Solomon Islands dollar = 100 cents  SBD	M	SBD 1 = SBD 1 =	USD 0.1360 EUR 0.1065	USD 0.1364 EUR 0.1010	USD 0.1359 EUR 0.0989	USD 0.1377 EUR 0.1013

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

<sup>2</sup> Value against the euro.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Somalia <sup>1</sup></b>							
Mogadishu 342	Somali shilling SOS	M M	USD 1 = EUR 1 =	.	.	.	.
<b>South Africa</b>							
Pretoria Seat of Parliament: Cape Town 388	South African rand = 100 cents ZAR	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	ZAR 8.0390 ZAR 8.3565 ZAR 10.3436 ZAR 10.7915	ZAR 9.8575 ZAR 10.1750 ZAR 13.3535 ZAR 13.8074	ZAR 9.7963 ZAR 10.1138 ZAR 13.3661 ZAR 13.8207	ZAR 9.9770 ZAR 10.2945 ZAR 13.5803 ZAR 14.0349
<b>South Sudan <sup>1</sup></b>							
Juba 225	South Sudanese pound = 100 piastres SSP	M M	USD 1 = EUR 1 =	.	.	.	.
<b>Spain</b>							
Madrid 011	Euro = 100 cent EUR	M	EUR 1 =	USD 1.2848	USD 1.3505	USD 1.3641	USD 1.3611
<b>Sri Lanka</b>							
Colombo 669	Sri Lanka rupee = 100 cents LKR	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	LKR 126.41 LKR 129.60 LKR 161.79 LKR 167.41	LKR 130.27 LKR 133.62 LKR 174.81 LKR 181.10	LKR 129.41 LKR 132.67 LKR 176.55 LKR 182.91	LKR 129.58 LKR 132.84 LKR 175.32 LKR 181.64
<b>Sudan</b>							
Khartoum 224	Sudanese pound = 100 piastres SDG	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	SDG 3.6799 SDG 3.6983 SDG 4.7317 SDG 4.7553	SDG 5.6716 SDG 5.7000 SDG 7.6578 SDG 7.6961	SDG 5.6721 SDG 5.7005 SDG 7.7764 SDG 7.8153	SDG 5.6816 SDG 5.7100 SDG 7.7150 SDG 7.7536
<b>Suriname</b>							
Paramaribo 492	Surinamese dollar = 100 cent SRD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	SRD 3.250 SRD 3.350 SRD 4.190 SRD 4.320	SRD 3.250 SRD 3.350 SRD 4.400 SRD 4.535	SRD 3.250 SRD 3.350 SRD 4.470 SRD 4.608	SRD 3.250 SRD 3.350 SRD 4.417 SRD 4.553
<b>Swaziland <sup>1</sup></b>							
Mbabane 393	Lilangeni = 100 cents SZL	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	SZL 8.1854 SZL 8.2167 SZL 10.57058 SZL 10.61358	SZL 10.1405 SZL 10.1525 SZL 13.6745 SZL 13.6937	SZL 9.8522 SZL 9.9522 SZL 13.5409 SZL 13.6803	SZL 10.1375 SZL 10.2370 SZL 13.7971 SZL 13.9346
<b>Sweden</b>							
Stockholm 030	Swedish krona = 100 öre SEK	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	SEK 6.7429 SEK 6.8104 SEK 8.6700 SEK 8.7215	SEK 6.3972 SEK 6.4647 SEK 8.6592 SEK 8.7107	SEK 6.3883 SEK 6.4558 SEK 8.7860 SEK 8.8375	SEK 6.5384 SEK 6.6059 SEK 8.9210 SEK 8.9725

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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Switzerland</b>							
Berne 039	Swiss franc = 100 rappen / centimes CHF	B B	USD 1 = EUR 1 =	CHF 0.9381 CHF 1.2042	CHF 0.9052 CHF 1.2223	CHF 0.9001 CHF 1.2331	CHF 0.9051 CHF 1.2323
<b>Syrian Arab Republic</b>							
Damascus 608	Syrian pound = 100 piastres SYP	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	SYP 65.19 SYP 65.58 SYP 84.16 SYP 84.75	SYP 136.40 SYP 137.22 SYP 184.07 SYP 185.36	SYP 138.64 SYP 139.47 SYP 189.81 SYP 191.14	SYP 140.24 SYP 141.08 SYP 190.49 SYP 191.83
<b>Tajikistan</b>							
Dushanbe 082	Somoni = 100 diram TJS	M M	USD 1 = EUR 1 =	TJS 4.7632 TJS 6.1378	TJS 4.7685 TJS 6.4806	TJS 4.7725 TJS 6.6106	TJS 4.7747 TJS 6.5158
<b>Tanzania, United Republic of</b>							
Dodoma Seat of Government: Dar es Salaam 352	Tanzania shilling = 100 cents TZS	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	TZS 1,560.3764 TZS 1,582.7317 TZS 2,017.0086 TZS 2,046.4924	TZS 1,596.7624 TZS 1,612.7300 TZS 2,162.0163 TZS 2,183.7977	TZS 1,593.5446 TZS 1,609.4800 TZS 2,192.3986 TZS 2,214.6445	TZS 1,599.6436 TZS 1,615.6400 TZS 2,178.0747 TZS 2,200.5017
<b>Thailand</b>							
Bangkok 680	Thai baht = 100 satang THB	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	THB 30.9253 THB 31.2076 THB 39.7716 THB 40.3741	THB 31.2483 THB 31.5330 THB 42.0558 THB 42.6651	THB 30.9492 THB 31.2264 THB 42.3680 THB 42.9712	THB 31.9583 THB 32.2395 THB 43.3765 THB 43.9885
<b>Togo <sup>1</sup></b>							
Lomé 280	CFA franc XOF	2	EUR 1 =	XOF 655.957	XOF 655.957	XOF 655.957	XOF 655.957
<b>Tonga</b>							
Nuku'alofa 817	Pa'anga = 100 seniti TOP	B S B S	TOP 1 = TOP 1 = TOP 1 = TOP 1 =	USD 0.6058 USD 0.5698 EUR 0.4904 EUR 0.4287	USD 0.5672 USD 0.5452 EUR 0.4354 EUR 0.3904	USD 0.5688 USD 0.5468 EUR 0.4295 EUR 0.3845	USD : USD : EUR : EUR :
<b>Trinidad and Tobago</b>							
Port-of-Spain 472	Trinidad and Tobago dollar = 100 cents TTD	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	TTD 6.3641 TTD 6.4371 TTD 8.0425 TTD 8.3584	TTD 6.4176 TTD 6.4214 TTD 8.3955 TTD 8.8915	TTD 6.4138 TTD 6.4461 TTD 8.5692 TTD 8.9956	TTD 6.3131 TTD 6.4465 TTD 8.4764 TTD 8.8159

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

<sup>2</sup> Value against the euro.

#### IV Overview of world currencies \*

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

Country <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Tunisia</b>							
Tunis 212	Tunisian dinar = 1,000 millimes  TND	B S  TND	USD 1 = USD 1 =  EUR 1 = EUR 1 =	TND 1.5527 TND 1.5593  TND 1.9978 TND 2.0064	TND 1.6144 TND 1.6177  TND 2.1837 TND 2.1881	TND 1.6401 TND 1.6434  TND 2.2336 TND 2.2380	TND 1.6633 TND 1.6666  TND 2.2635 TND 2.2680
<b>Turkey</b>							
Ankara 052	Turkish lira = 100 kuruş  TRY	B S  TRY	USD 1 = USD 1 =  EUR 1 = EUR 1 =	TRY 1.7925 TRY 1.8011  TRY 2.3046 TRY 2.3157	TRY 2.0342 TRY 2.0378  TRY 2.7484 TRY 2.7533	TRY 1.9888 TRY 1.9923  TRY 2.7361 TRY 2.7410	TRY 2.0166 TRY 2.0203  TRY 2.7423 TRY 2.7473
<b>Turkmenistan</b>							
Ashgabat 080	Turkmen manat = 100 tenge  TMT	M M  TMT	USD 1 = EUR 1 =	TMT 2.85 TMT 3.6628	TMT 2.85 TMT 3.8535	TMT 2.85 TMT 3.9207	TMT 2.85 TMT 3.8780
<b>Uganda</b>							
Kampala 350	Uganda shilling  UGX	B S  UGX	USD 1 = USD 1 =  EUR 1 = EUR 1 =	UGX 2,508.53 UGX 2,518.35  UGX 3,236.52 UGX 3,249.20	UGX 2,556.65 UGX 2,565.41  UGX 3,461.70 UGX 3,473.57	UGX 2,524.50 UGX 2,529.24  UGX 3,476.24 UGX 3,482.76	UGX 2,519.62 UGX 2,529.35  UGX 3,426.68 UGX 3,439.92
<b>Ukraine</b>							
Kyiv 072	Hryvnia = 100 kopiyok  UAH	M M  UAH	USD 100 = EUR 100 =	UAH 799.10 UAH 1,027.2801	UAH 799.30 UAH 1,082.0124	UAH 799.30 UAH 1,099.4372	UAH 799.30 UAH 1,086.4086
<b>United Arab Emirates <sup>1</sup></b>							
Abu Dhabi 647	United Arab Emirates dirham = 100 fils  AED	B S  AED	USD 1 = USD 1 =  EUR 1 = EUR 1 =	AED 3.653 AED 3.685  AED 4.65207 AED 4.84510	AED 3.653 AED 3.685  AED 4.86780 AED 5.06526	AED 3.653 AED 3.685  AED 4.94290 AED 5.14288	AED 3.653 AED 3.685  AED . AED .
<b>United Kingdom <sup>1</sup></b>							
London 006	Pound sterling = 100 pence  GBP	M M  GBP	GBP 1 = EUR 1 =	USD 1.5851 GBP 0.8112	USD 1.6194 GBP 0.8359	USD 1.6067 GBP 0.8461	USD 1.6383 GBP 0.8311
<b>United States</b>							
Washington 400	US dollar = 100 cents  USD	B S  USD	EUR 1 = EUR 1 =  GBP 1 = GBP 1 =	USD 1.2905 USD 1.2907  USD 1.5849 USD 1.5852	USD 1.3524 USD 1.3525  USD 1.6185 USD 1.6187	USD 1.3578 USD 1.3581  USD 1.6030 USD 1.6035	USD 1.3582 USD 1.3584  USD 1.6352 USD 1.6357

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 59. <sup>1</sup> 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 <sup>1</sup> Capital Country code	Currency ISO currency code	Type of rate	Unit	Annual average 2012	Rate at end of month		
					September 2013	October 2013	November 2013
<b>Uruguay</b>							
Montevideo 524	Uruguayan peso = 100 centésimos UYU	M M	USD 1 = EUR 1 =	UYU 20.304 UYU 26.076	UYU 22.038 UYU 29.825	UYU 21.523 UYU 29.291	UYU 21.159 UYU 28.773
<b>Uzbekistan</b>							
Tashkent 081	Uzbekistan sum = 100 tijin UZS	M M	USD 1 = EUR 1 =	UZS 1,893.40 UZS 2,436.92	UZS 2,146.70 UZS 2,838.11	UZS 2,173.94 UZS 2,950.08	UZS 2,190.67 UZS 2,974.05
<b>Vanuatu</b>							
Port Vila 816	Vatu VUV	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	VUV 91.63 VUV 96.25 VUV 118.09 VUV 122.58	VUV 95.22 VUV 100.01 VUV 128.25 VUV 133.15	VUV 94.37 VUV 99.11 VUV 129.37 VUV 134.32	VUV 96.35 VUV 101.19 VUV 130.53 VUV 135.53
<b>Venezuela, Bolivarian Republic of <sup>1</sup></b>							
Caracas 484	Bolívar = 100 céntimos VEF	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	VEF 4.2893 VEF 4.3000 VEF 5.51387257 VEF 5.52867596	VEF 6.2842 VEF 6.3000 VEF 8.50000892 VEF 8.52453000	VEF 6.2842 VEF 6.3000 VEF 8.53205834 VEF 8.55414000	VEF 6.2842 VEF 6.3000 VEF 8.53708570 VEF 8.55918000
<b>Viet Nam</b>							
Hanoi 690	Dong = 10 hào = 100 xu VND	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	VND 20,846 VND 20,898 VND 26,792.70 VND 27,180.03	VND 21,080 VND 21,140 VND 28,239.88 VND 28,648.56	VND 21,080 VND 21,120 VND 28,799.60 VND 29,174.92	VND 21,080 VND 21,120 VND 28,510.31 VND 28,881.86
<b>Yemen</b>							
Sana'a 653	Yemeni rial = 100 fils YER	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	YER 214.31 YER 214.38 YER 277.07 YER 277.16	YER 214.87 YER 214.91 YER 290.55 YER 290.60	YER 214.87 YER 214.91 YER 295.24 YER 295.30	YER 214.87 YER 214.91 YER 292.09 YER 292.15
<b>Zambia</b>							
Lusaka 378	Kwacha = 100 ngwee ZMW	B S B S	USD 1 = USD 1 = EUR 1 = EUR 1 =	.	ZMW 5.3221 ZMW 5.3421	ZMW 5.4641 ZMW 5.4841	ZMW 5.5107 ZMW 5.5307
<b>Zimbabwe <sup>1</sup></b>							
Harare 382	Zimbabwe dollar = 100 cents ZWL	M M	USD 1 = EUR 1 =	.	.	.	.

Source: Central bank or a commercial bank of the country concerned. \* See Explanatory notes, p 59. <sup>1</sup> 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-November 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	Mellila (023)	Euro
Azores (010)	Euro	Micronesia, Federated States of (823)	US dollar
Baker Island (832)	US dollar	Monaco 1 (001)	Euro
Baleares	Euro	Montenegro (097)	Euro
Bali	Indonesian rupiah	Montserrat (470)	East Caribbean dollar
Bonaire (475)	US dollar	Mooréa	CFP franc
Bora-Bora	CFP franc		
Borneo (northern part) (701)	Malaysian ringgit	Nauru (803)	Australian dollar
Borneo (southern part) (700)	Indonesian rupiah	Newfoundland	Canadian dollar
British Virgin Islands (468)	US dollar	Nicobar Islands	Indian rupee
Canary Islands (011)	Euro	Niue (838)	New Zealand dollar
Ceuta (021)	Euro	Norfolk Island (836)	Australian dollar
Chafarinas (Islands)	Euro	Northern Mariana Islands (820)	US dollar
Christmas Island (834)	Australian dollar		
Cocos Islands (833)	Australian dollar		
Désirade (001)	Euro		
Easter Island	Chilean peso	Palau (825)	US dollar
Ecuador (500)	US dollar	Pescadores	New Taiwan dollar
Faroe Islands 1 (041)	Danish krone	Pitcairn Islands Group (813)	New Zealand dollar
(French) Guiana (001)	Euro	Puerto Rico (400)	US dollar
French Polynesia (822)	CFP franc		
Galapagos Islands (500)	US dollar		
Gozo (Island of)	Euro		
Greenland (406)	Danish krone	Saba (475)	US dollar
Guadeloupe (001)	Euro	San Marino 1 (047)	Euro
Guam (831)	US dollar	Spitzbergen/Spitsbergen (028)	Norwegian krone
Guernsey 1 (107)	British pound sterling	St Barthélémy (001)	Euro
Howland Island (832)	US dollar	St Eustatius (475)	US dollar
Isle of Man 1 (109)	British pound sterling	St Martin (northern part) (001)	Euro
Jarvis Island	US dollar	St Pierre and Miquelon (408)	Euro
Java	Indonesian rupiah	Sumatra	Indonesian rupiah
Jersey 1 (108)	British pound sterling	Swan Islands (424)	Honduran lempira
Kosovo (095)	Euro	Tahiti (822)	CFP franc
Laccadive Islands	Indian rupee	Tibet (720)	Chinese yuan renminbi
Les Saintes Islands (001)	Euro	Timor-Leste 1 (626)	US dollar
Liechtenstein (037)	Swiss franc	Tokelau (839)	New Zealand dollar/Samoan tala
Wallis and Futuna (Islands) (811)		Turks and Caicos Islands 1 (454)	US dollar
Western Sahara		Tuvalu 1 (807)	Australian dollar
Zanzibar (Island) (352)			

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 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

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

### 2 End of month

SDR 1 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 Mar	1.51824	1.12637	1.00214	141.576	1.54192	1.60964	11.0186	8.38553	9.08306
Apr	1.51112	1.13490	0.985853	142.136	1.52865	1.62823	10.9178	8.48356	8.90274
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	9.87274	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	1.59097	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

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 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
2013 Sep	3	1.51177	1.14772	0.970638	150.663	1.59235	1.41441	10.0076	8.56084	9.18282
	4	1.51252	1.14837	0.968814	150.616	1.58542	1.41647	10.0151	8.56480	9.19101
	5	1.51320	1.14619	0.969067	150.866	1.58886	1.41953	10.0236	8.54869	9.22450
	6	1.50848	1.15002	0.969152	150.547	1.56731	1.42597	10.0521	8.57787	9.20251
	9	1.51363	1.14721	0.965754	150.864	1.56903	1.41812	10.0439	8.55703	9.20285
	10	1.51534	1.14452	0.965065	151.079	1.56944	1.41654	9.9453	8.53636	8.99701
	11	1.51652	1.14299	0.961585	152.304	1.56763	1.41749	9.92901	8.52529	8.97247
	12	1.51972	1.14351	0.961178	151.212	1.56835	1.41425	9.91179	8.52820	8.98279
	13	1.51900	1.14253	0.960661	151.444	1.57079	1.41525	9.91778	8.52021	8.99111
	16	1.52357	1.14065	0.956773	.	1.57171	1.41326	9.92083	8.50528	9.00195
	17	1.52371	1.14084	0.958130	151.182	1.56805	1.41004	9.89041	8.50745	8.97328
	18	1.52431	1.14163	0.954718	151.257	1.57187	1.41212	9.8595	8.51419	9.00925
	19	1.53400	1.13252	0.953916	150.761	1.57035	1.39578	9.74621	8.44602	8.88123
	20	1.53226	1.13383	0.956224	152.490	1.57624	1.39328	9.70384	8.45473	9.07803
	23	1.53213	1.13424	0.954481	.	1.57549	1.39776	9.73577	8.45873	9.04094
	24	1.53013	1.13570	0.957405	151.100	1.57526	1.39578	9.75534	8.46891	9.10821
	25	1.53232	1.13471	0.955311	151.163	1.57752	1.39594	9.82617	8.46238	9.22867
	26	1.53212	1.13499	0.954180	151.603	1.58130	1.39392	9.83632	8.46439	9.15089
	27	1.53263	1.13218	0.952653	151.623	1.57861	1.38903	9.85387	8.44295	9.17406
	30	1.53408	1.13594	0.949722	149.957	1.57780	1.38865	9.86368	8.47185	9.21693
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

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

## 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			
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 <b>ECCU 2</b>  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  <b>WAEMU 4</b>  Benin Burkina Faso Côte d'Ivoire Guinea-Bissau Mali Niger Senegal Togo  <b>CAEMC 5</b>  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	
	US dollar	Euro	Exchange rate anchor Composite			
Pegged exchange rate within horizontal bands			Tonga			
Other managed arrangement	Liberia <sup>7</sup>		Algeria Iran, Islamic Republic of Singapore <sup>7</sup> Syrian Arab Republic <sup>7</sup> 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 <sup>7</sup> Papua New Guinea Seychelles Sierra Leone Sri Lanka Tanzania, United Republic of Uganda Zambia	Albania Armenia <sup>9</sup> Brazil Colombia Georgia <sup>9</sup> 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 <b>EMU</b> 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-November 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		Cuba	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
			DKK	Danish krone	Denmark Faroe Islands Greenland	HRK	Croatian kuna	Croatia
AOA	Kwanza	Angola				HTG	Gourde	Haiti
ARS	Argentine peso	Argentina	DOP	Dominican peso	Dominican Republic	HUF	Hungarian forint	Hungary
AUD	Australian dollar	Australia Christmas Island Cocos Islands Kiribati Nauru Norfolk Island Tuvalu	DZD	Algerian dinar	Algeria			
			EGP	Egyptian pound	Egypt	IDR	Indonesian rupiah	Indonesia
			ERN	Nakfa	Eritrea	ILS	New Israeli sheqel	Israel
AWG	Aruban florin	Aruba	ETB	Birr	Ethiopia	INR	Indian rupee	India Bhutan
AZN	Azerbaijan manat	Azerbaijan	EUR	Euro	Austria Belgium Cyprus Estonia Finland France Germany Greece Ireland Italy Luxembourg Malta Netherlands Portugal Slovakia Slovenia Spain	IQD	Iraqi dinar	Iraq
BAM	Convertible marka	Bosnia and Herzegovina				IRR	Iranian rial	Iran, Islamic Republic of
BBD	Barbados dollar	Barbados				ISK	Icelandic krona	Iceland
BDT	Taka	Bangladesh				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.

## VII ISO currency codes \*

As of end-November 2013



# 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 Community<sup>1</sup>, and in particular Article 109(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 109l(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:

<sup>1</sup> 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 Community<sup>1</sup>, 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,

<sup>1</sup> 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.

## ■ Communiqué of the European Union of 29 April 2005

At the request of the Latvian 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, Estonia, Lithuania, Slovenia and Latvia 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 Latvian lats in the Exchange Rate Mechanism II (ERM II).

The central rate of the Latvian lats is set at

1 euro = 0.702804 lats.

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

In line with the existing exchange rate regime, the Latvian authorities have declared that they will maintain the exchange rate of the lats at the central rate against the euro with a fluctuation band of plus or minus 1 percent 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 Central Bank of Latvia, in time for the opening of the foreign exchange markets on 2 May 2005.

## ■ 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 Community<sup>1</sup>, and in particular Article 123(5) thereof,

<sup>1</sup> Editorial note: in the wording of the Treaty of Amsterdam of 2 October 1997.

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 tolars 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,

**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 tolars".

#### 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 Community<sup>1</sup>, 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:**

<sup>1</sup> Editorial note: in the wording of the Treaty of Amsterdam of 2 October 1997.

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 Community<sup>1</sup>, 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, 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 Community<sup>1</sup>, 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.

<sup>1</sup> Editorial note: in the wording of the Treaty of Amsterdam of 2 October 1997.

(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,

**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 and Estonia on 1 January 2011 (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](http://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<sup>o</sup>**

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	
<b>EER-40 group</b>											100.0	100.0	100.0	100.0	100.0
<b>EER-21 group</b>						100.0	100.0	100.0	100.0	100.0	.	.	.	.	.
<b>EER-12 group</b>	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
<b>Additional countries in the EER-21 group</b>						.	.	.	.	.	.	.	.	.	.
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
<b>Additional countries in the EER-40 group</b>											.	.	.	.	.
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

<sup>o</sup> 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 29,850 and EUR 1 = IRR 40,300 at the end of November 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.