

TABLE B-110. Foreign exchange rates, 1990-2010

[Foreign currency units per U.S. dollar, except as noted; certified noon buying rates in New York]

Period	Australia (dollar) ¹	Canada (dollar)	China, P.R. (yuan)	EMU Members (euro) ^{1, 2}	Germany (mark) ²	Japan (yen)	Mexico (peso)	South Korea (won)	Sweden (krona)	Switzer- land (franc)	United Kingdom (pound) ¹
March 1973.....	1.2716	0.9967	2.2401	.....	2.8132	261.90	0.013	398.85	4.4294	3.2171	2.4724
1990.....	.7807	1.1668	4.7921	.....	1.6166	145.00	2.813	710.64	5.9231	1.3901	1.7841
1991.....	.7787	1.1460	5.3337	.....	1.6610	134.59	3.018	736.73	6.0521	1.4356	1.7674
1992.....	.7352	1.2085	5.5206	.....	1.5618	126.78	3.095	784.66	5.8258	1.4064	1.7663
1993.....	.6799	1.2902	5.7795	.....	1.6545	111.08	3.116	805.75	7.7956	1.4781	1.5016
1994.....	.7316	1.3664	8.6397	.....	1.6216	102.18	3.385	806.93	7.7161	1.3667	1.5319
1995.....	.7407	1.3725	8.3700	.....	1.4321	93.96	6.447	772.69	7.1406	1.1812	1.5785
1996.....	.7828	1.3638	8.3389	.....	1.5049	108.78	7.600	805.00	6.7082	1.2361	1.5607
1997.....	.7437	1.3849	8.3193	.....	1.7348	121.06	7.918	953.19	7.6446	1.4514	1.6376
1998.....	.6291	1.4836	8.3008	.....	1.7597	130.99	9.152	1,400.40	7.9522	1.4506	1.6573
1999.....	.6454	1.4858	8.2783	1.0653	.....	113.73	9.553	1,189.84	8.2740	1.5045	1.6172
2000.....	.5815	1.4855	8.2784	.9232	.....	107.80	9.459	1,130.90	9.1735	1.6904	1.5156
2001.....	.5169	1.5487	8.2770	.8952	.....	121.57	9.337	1,292.02	10.3425	1.6891	1.4396
2002.....	.5437	1.5704	8.2771	.9454	.....	125.22	9.663	1,250.31	9.7233	1.5567	1.5025
2003.....	.6524	1.4008	8.2772	1.1321	.....	115.94	10.793	1,192.08	8.0787	1.3450	1.6347
2004.....	.7365	1.3017	8.2768	1.2438	.....	108.15	11.290	1,145.24	7.3480	1.2428	1.8330
2005.....	.7627	1.2115	8.1936	1.2449	.....	110.11	10.894	1,023.75	7.4710	1.2459	1.8204
2006.....	.7535	1.1340	7.9723	1.2563	.....	116.31	10.906	954.32	7.3718	1.2532	1.8434
2007.....	.8391	1.0734	7.6058	1.3711	.....	117.76	10.928	928.97	6.7550	1.1999	2.0020
2008.....	.8537	1.0660	6.9477	1.4726	.....	103.39	11.143	1,098.71	6.5846	1.0816	1.8545
2009.....	.7927	1.1412	6.8307	1.3935	.....	93.68	13.498	1,274.63	7.6539	1.0860	1.5661
2010.....	.9200	1.0298	6.7696	1.3261	.....	87.78	12.623	1,155.74	7.2053	1.0432	1.5452
2009: I.....	.6644	1.2455	6.8361	1.3035	.....	93.78	14.384	1,415.27	8.4107	1.1487	1.4344
II.....	.7609	1.1682	6.8293	1.3619	.....	97.42	13.315	1,282.78	7.9239	1.1123	1.5502
III.....	.8332	1.0980	6.8306	1.4304	.....	93.54	13.261	1,237.55	7.2907	1.0623	1.6410
IV.....	.9090	1.0557	6.8271	1.4762	.....	89.88	13.062	1,166.70	7.0114	1.0219	1.6335
2010: I.....	.9041	1.0401	6.8271	1.3821	.....	90.66	12.759	1,142.84	7.1928	1.0583	1.5575
II.....	.8842	1.0273	6.8237	1.2740	.....	92.08	12.553	1,164.80	7.5737	1.1073	1.4931
III.....	.9062	1.0386	6.7680	1.2938	.....	85.74	12.789	1,181.06	7.2501	1.0308	1.5521
IV.....	.9879	1.0129	6.6570	1.3586	.....	82.54	12.388	1,132.58	6.7842	.9741	1.5803
Trade-weighted value of the U.S. dollar											
Nominal						Real ⁷					
	G-10 index (January 1973=100) ³	Broad index (January 1997=100) ⁴	Major currencies index (March 1973=100) ⁵	OITP index (January 1997=100) ⁶		Broad index (March 1973=100) ⁴	Major currencies index (March 1973=100) ⁵		OITP index (March 1973=100) ⁶		
1990.....	89.1	71.41	89.91	40.10		91.22	85.01		109.56		
1991.....	89.8	74.35	88.59	46.70		89.68	83.32		108.58		
1992.....	86.6	76.91	87.00	53.14		87.79	82.20		104.96		
1993.....	93.2	83.78	89.90	63.37		89.13	85.46		102.33		
1994.....	91.3	90.87	88.43	80.54		88.96	85.10		102.34		
1995.....	84.2	92.65	83.41	92.51		86.51	81.24		102.40		
1996.....	87.3	97.46	87.25	98.24		88.52	86.14		99.40		
1997.....	96.4	104.43	93.93	104.64		93.23	93.41		100.45		
1998.....	98.8	115.89	98.45	125.89		101.20	98.47		113.61		
1999.....	.....	116.15	97.05	129.20		100.28	98.14		112.03		
2000.....	.....	119.56	101.75	129.83		103.97	104.75		111.82		
2001.....	.....	126.05	107.86	135.32		109.93	112.18		116.30		
2002.....	.....	126.83	106.17	140.43		110.09	110.57		118.73		
2003.....	.....	119.27	93.15	143.61		103.43	97.56		120.31		
2004.....	.....	113.77	85.51	143.42		98.81	90.58		118.90		
2005.....	.....	110.85	83.85	138.92		97.16	90.37		115.23		
2006.....	.....	108.71	82.58	135.45		96.04	90.28		112.54		
2007.....	.....	103.58	77.94	130.28		91.46	86.12		106.97		
2008.....	.....	99.89	74.40	126.83		87.61	83.16		101.72		
2009.....	.....	105.62	77.66	135.91		91.15	86.29		106.09		
2010.....	.....	101.97	75.36	130.61		87.12	83.96		99.71		
2009: I.....	.....	111.22	82.92	141.21		95.63	91.37		110.34		
II.....	.....	107.07	79.59	136.32		92.24	88.16		106.39		
III.....	.....	103.50	75.38	134.35		89.59	84.18		105.02		
IV.....	.....	100.81	72.86	131.80		87.12	81.45		102.62		
2010: I.....	.....	102.15	74.85	131.84		87.91	83.56		101.92		
II.....	.....	103.79	77.57	131.47		88.80	86.47		100.64		
III.....	.....	102.55	75.89	131.13		87.54	84.66		99.85		
IV.....	.....	99.37	73.00	127.93		84.25	81.18		96.42		

¹ U.S. dollars per foreign currency unit.² European Economic and Monetary Union (EMU) members consists of Austria, Belgium, Cyprus (beginning in 2008), Finland, France, Germany, Greece (beginning in 2001), Ireland, Italy, Luxembourg, Malta (beginning in 2008), Netherlands, Portugal, Slovakia (beginning in 2009), Slovenia (beginning in 2007), and Spain.³ G-10 index discontinued after December 1998.⁴ Weighted average of the foreign exchange value of the U.S. dollar against the currencies of a broad group of major U.S. trading partners.⁵ Subset of the broad index. Consists of currencies of the Euro area, Australia, Canada, Japan, Sweden, Switzerland, and the United Kingdom.⁶ Subset of the broad index. Consists of other important U.S. trading partners (OITP) whose currencies do not circulate widely outside the country of issue.⁷ Adjusted for changes in consumer price indexes for the United States and other countries.

Source: Board of Governors of the Federal Reserve System.