

TABLE B-60. Foreign exchange rates, 2000–2019
 [Foreign currency units per U.S. dollar, except as noted; certified noon buying rates in New York]

Period	Australia (dollar) ¹	Brazil (real)	Canada (dollar)	China, P.R. (yuan)	EMU Members (euro) ²	India (rupee)	Japan (yen)	Mexico (peso)	South Korea (won)	Sweden (krona)	Switzer- land (franc)	United Kingdom (pound) ¹
March 1973	1.4129		0.9967	2.2401		7.55	261.90	0.013	398.85	4.4294	3.2171	2.4724
2000 .....	.5815	1.8301	1.4855	8.2784	0.9232	45.00	107.80	9.459	1,130.90	9.1735	1.6904	1.5156
2001 .....	.5169	2.3527	1.5487	8.2770	.8952	47.22	121.57	9.337	1,292.01	10.3425	1.6891	1.4398
2002 .....	.5437	2.9213	1.5704	8.2771	.9454	48.63	125.22	9.663	1,250.31	9.7233	1.5567	1.5025
2003 .....	.6524	3.0750	1.4008	8.2772	1.1321	46.59	115.94	10.793	1,192.08	8.0787	1.3450	1.6347
2004 .....	.7365	2.9262	1.3017	8.2768	1.2438	45.26	108.15	11.290	1,145.24	7.3480	1.2428	1.8330
2005 .....	.7627	2.4352	1.2115	8.1936	1.2449	44.00	110.11	10.894	1,023.75	7.4710	1.2459	1.8204
2006 .....	.7535	2.1738	1.1340	7.9723	1.2563	45.19	116.31	10.906	954.32	7.3718	1.2532	1.8434
2007 .....	.8391	1.9461	1.0734	7.6058	1.3711	41.18	117.76	10.928	928.97	6.7550	1.1999	2.0020
2008 .....	.8537	1.8326	1.0660	6.9477	1.4726	43.39	103.39	11.143	1,098.71	6.5846	1.0816	1.8545
2009 .....	.7927	1.9976	1.1412	6.8307	1.3935	48.33	93.68	13.498	1,274.63	7.6539	1.0860	1.5661
2010 .....	.9200	1.7600	1.0298	6.7896	1.3261	45.65	87.78	12.624	1,155.74	7.2053	1.0432	1.5452
2011	1.0332	1.6723	.9887	6.4630	1.3931	46.58	79.70	12.427	1,106.94	6.4878	.8862	1.6043
2012	1.0359	1.9535	.9995	6.3093	1.2859	53.37	79.82	13.154	1,126.16	6.7721	.9377	1.5853
2013 .....	.9683	2.1570	1.0300	6.1478	1.3281	58.51	97.60	12.758	1,094.67	6.5124	.9269	1.5642
2014 .....	.9034	2.3512	1.1043	6.1620	1.3297	61.00	105.74	13.302	1,052.29	6.8576	.9147	1.6494
2015 .....	.7522	3.3360	1.2791	6.2827	1.1096	64.11	121.05	15.874	1,130.96	8.4350	.9628	1.5284
2016 .....	.7445	3.4839	1.3243	6.6400	1.1072	67.16	108.66	18.667	1,159.34	8.5541	.9848	1.3555
2017 .....	.7671	3.1910	1.2984	6.7569	1.1301	65.07	112.10	18.884	1,129.04	8.5430	.9842	1.2890
2018 .....	.7481	3.6513	1.2957	6.6090	1.1817	68.37	110.40	19.218	1,099.29	8.6945	.9784	1.3363
2019 .....	.6952	3.9440	1.3269	6.9081	1.1194	70.38	109.02	19.247	1,165.80	9.4604	.9937	1.2768
2018: I .....	.7859	3.2474	1.2656	6.3535	1.2289	64.38	108.27	18.717	1,071.10	8.1182	.9484	1.3920
2018: II .....	.7568	3.6043	1.2907	6.3772	1.1922	67.00	109.14	19.412	1,079.64	8.6733	.9854	1.3612
2018: III .....	.7315	3.9492	1.3070	6.8053	1.1629	70.11	111.50	18.945	1,120.84	8.9482	.9843	1.3030
2018: IV .....	.7174	3.8061	1.3201	6.9143	1.1414	72.13	112.77	19.816	1,126.77	9.0460	.9957	1.2870
2019: I .....	.7122	3.7696	1.3297	6.7447	1.1354	70.42	110.19	19.204	1,124.80	9.1783	.9971	1.3031
2019: II .....	.7003	3.9167	1.3378	6.8195	1.1237	69.53	109.95	19.111	1,166.07	9.4439	1.0028	1.2859
2019: III .....	.6857	3.9688	1.3205	7.0150	1.1120	70.39	107.33	19.421	1,193.90	9.5878	.9856	1.2329
2019: IV .....	.6837	4.1124	1.3197	7.0448	1.1075	71.21	108.68	19.248	1,175.54	9.6143	.9894	1.2880
Trade-weighted value of the U.S. dollar												
Nominal							Real ⁶					
Broad index (January 2006=100) ³			Advanced foreign economies index (January 2006=100) ⁴		Emerging market economies index (January 2006=100) ⁵		Broad index (January 2006=100) ³		Advanced foreign economies index (January 2006=100) ⁴		Emerging market economies index (January 2006=100) ⁵	
2000												
2001												
2002												
2003												
2004												
2005												
2006	98.6064		97.6875		99.8131		98.9400		98.3178		99.7559	
2007	93.8253		92.0825		96.1230		94.2864		93.6310		95.1418	
2008	90.8968		88.4455		94.1511		90.9823		90.8429		91.2038	
2009	96.7688		92.8046		102.0228		95.3317		94.7051		96.1083	
2010	93.0664		90.1032		97.1794		90.7755		92.0125		98.5939	
2011	88.7923		84.8159		94.0346		86.2803		87.3150		85.2816	
2012	91.6492		97.9861		96.5675		88.4827		90.8406		86.1745	
2013	92.7655		90.6103		96.0743		88.7776		93.8355		83.9809	
2014	95.5919		93.3976		98.9816		90.7995		97.0047		85.0032	
2015	108.1589		108.1256		109.5474		101.2535		111.8241		91.7997	
2016	113.0548		109.3062		118.1998		105.4690		113.9833		97.6132	
2017	112.7924		108.8922		118.0915		104.9133		114.1346		96.4974	
2018	112.0078		106.4267		119.0263		104.0532		112.1989		96.5013	
2019	115.7187		110.1296		122.7855		107.0718		116.6341		98.3594	
2018: I	107.9943		102.9077		114.4516		100.4784		108.3307		93.1966	
2018: II	110.6202		105.5102		117.1304		102.9872		111.3074		95.3048	
2018: III	113.6569		107.8400		120.9399		105.4751		113.6422		97.8925	
2018: IV	115.7082		109.3899		123.5388		107.2721		115.5153		99.6111	
2019: I	114.4908		109.3956		121.0275		106.0597		115.4795		97.4702	
2019: II	115.3739		110.2733		121.9276		106.8149		116.6027		97.9273	
2019: III	116.4899		110.4769		124.0091		107.7767		117.0769		99.2648	
2019: IV	116.4469		110.3215		124.0809		107.6360		117.3772		98.7751	

¹ U.S. dollars per foreign currency unit.

² European Economic and Monetary Union (EMU) members consists of Austria, Belgium, Finland, France, Germany, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain and Greece (beginning in 2001), Slovenia (2007), Cyprus and Malta (2008), Slovakia (2009), Estonia (2011), Latvia (2014), and Lithuania (2015).

³ 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.

⁴ Subset of the broad index. Consists of currencies of the Euro area, Australia, Canada, Japan, Sweden, Switzerland, and the United Kingdom.

⁵ Subset of the broad index currencies that are emerging market economies. For details, see *Revisions to the Federal Reserve Dollar Indexes*, January 2019.

⁶ Adjusted for changes in consumer price indexes for the United States and other countries.

Source: Board of Governors of the Federal Reserve System.