

**TABLE B-60. Foreign exchange rates, 2000–2018**  
 [Foreign currency units per U.S. dollar, except as noted; certified noon buying rates in New York]

Period	Australia (dollar) <sup>1</sup>	Brazil (real)	Canada (dollar)	China, PR (yuan)	EMU Members (euro) <sup>2</sup>	India (rupee)	Japan (yen)	Mexico (peso)	South Korea (won)	Sweden (krona)	Switzer- land (franc)	United Kingdom (pound) <sup>1</sup>
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	1.4396
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	1.6484
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
2017: I .....	.7586	3.1402	1.3237	6.8853	1.0661	66.87	113.52	20.255	1,150.02	8.9198	1.0032	1.2399
II .....	.7510	3.2152	1.3446	6.8586	1.1008	64.47	111.11	18.548	1,129.92	8.8025	.9847	1.2798
III .....	.7899	3.1593	1.2530	6.6684	1.1755	64.27	110.95	17.811	1,131.16	8.1329	.9629	1.3089
IV .....	.7687	3.2491	1.2715	6.6131	1.1778	64.71	112.89	18.974	1,104.96	8.3175	.9868	1.3273
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
II .....	.7568	3.6043	1.2907	6.3772	1.1922	67.00	109.14	19.412	1,079.64	8.6733	.9854	1.3612
III .....	.7315	3.9492	1.3070	6.8053	1.1629	70.11	111.50	18.945	1,120.84	8.9482	.9843	1.3030
IV .....	.7174	3.8061	1.3201	6.9143	1.1414	72.13	112.77	19.816	1,126.77	9.0460	.9957	1.2870
Trade-weighted value of the U.S. dollar												
Nominal							Real <sup>6</sup>					
Broad index (January 2006=100) <sup>3</sup>			Advanced foreign economies index (January 2006=100) <sup>4</sup>		Emerging market economies index (January 2006=100) <sup>5</sup>		Broad index (January 2006=100) <sup>3</sup>		Advanced foreign economies index (January 2006=100) <sup>4</sup>		Emerging market economies index (January 2006=100) <sup>5</sup>	
2000 .....												
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2005 .....												
2006 .....	98.6180		95.9714		99.8070		98.9402		98.3178		99.7562	
2007 .....	93.8431		90.4796		96.1330		94.2867		93.6310		95.1426	
2008 .....	90.8882		86.8919		94.1320		90.9832		90.8429		91.2060	
2009 .....	96.7742		91.1579		102.0238		95.3306		94.7051		96.1058	
2010 .....	93.0696		88.5236		97.2219		90.7766		92.0125		89.5961	
2011 .....	88.8310		83.3260		94.0635		86.2804		87.3149		85.2818	
2012 .....	91.6426		86.4375		96.5637		88.4827		90.8405		86.1746	
2013 .....	92.7779		89.0205		96.1026		88.7777		93.8352		83.9814	
2014 .....	95.6108		91.7259		99.0021		90.7991		97.0042		85.0028	
2015 .....	108.1046		106.2262		109.4944		101.2526		111.8230		91.7986	
2016 .....	113.1535		107.4023		118.2744		105.4676		113.9821		97.6114	
2017 .....	112.8357		106.9800		118.1568		104.9129		114.1351		96.4965	
2018 .....	112.0443		104.5312		119.1041		104.0657		112.2009		96.5207	
2017: I .....	114.8194		110.7712		120.4457		108.6358		118.0443		100.0331	
II .....	112.2865		109.1314		116.9725		105.7975		116.2253		96.4225	
III .....	108.3938		103.6723		114.6228		102.0967		110.6292		94.2530	
IV .....	109.4182		104.3478		116.0207		103.1217		111.6416		95.2773	
2018: I .....	106.5139		101.1235		113.4157		100.5081		108.3846		93.2050	
II .....	109.0914		103.6642		116.0625		103.0115		111.3112		95.3444	
III .....	112.1177		105.9362		119.9192		105.4847		113.6095		97.9346	
IV .....	114.1331		107.4535		122.4839		107.2587		115.4982		99.5989	

<sup>1</sup> U.S. dollars per foreign currency unit.

<sup>2</sup> European Economic and Monetary Union (EMU) members consists of Austria, Belgium, Cyprus (beginning in 2008), Estonia (beginning in 2011), 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.

<sup>3</sup> 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.

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

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

<sup>6</sup> Adjusted for changes in consumer price indexes for the United States and other countries.

Source: Board of Governors of the Federal Reserve System.