Table B–60. Foreign exchange rates, 2000–2020

[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) [1, 2]	India (rupee)	Japan (yen)	Mexico (peso)	South Korea (won)	Sweden (krona)	Switzerland (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	1.4396
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	6.7696	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
2019	.6952	3.9440	1.3269	6.9081	1.1194	70.38	109.02	19.247	1,165.80	9.4604	.9937	1.2768
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
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
III	.6857	3.9688	1.3205	7.0150	1.1120	70.39	107.33	19.421	1,193.90	9.5878	.9856	1.2329
IV	.6837	4.1124	1.3197	7.0448	1.1075	71.21	108.68	19.248	1,175.54	9.6143	.9894	1.2880
2020: I	.6569	4.4720	1.3459	6.9786	1.1022	72.52	108.93	20.085	1,194.01	9.6829	.9680	1.2788
II	.6578	5.3736	1.3854	7.0841	1.1016	75.85	107.52	23.331	1,219.13	9.6838	.9634	1.2418
III	.7154	5.3790	1.3321	6.9153	1.1698	74.35	106.10	22.091	1,187.62	8.8608	.9194	1.2927

Period	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	98.9391	98.3178	99.7537
2007	93.8253	92.0825	96.1230	94.2810	93.6310	95.1295
2008	90.8968	88.4455	94.1511	90.9956	90.8429	91.2339
2009	96.7688	92.8046	102.0228	95.3507	94.7051	96.1509
2010	93.0664	90.1032	97.1794	90.8021	92.0125	89.6511
2011	88.7923	84.8159	94.0346	86.3062	87.3150	85.3374
2012	91.6492	87.9861	96.5675	88.5092	90.8406	86.2309
2013	92.7655	90.6103	96.0743	88.8030	93.8332	84.0355
2014	95.5919	93.3976	98.9816	90.8264	97.0040	85.0587
2015	108.1589	108.1256	109.5474	101.2856	111.8249	91.8621
2016	113.0548	109.3062	118.1998	105.4934	113.9736	97.6718
2017	112.7924	108.8922	118.0915	104.9396	114.1265	96.5580
2018	112.0078	106.4267	119.0263	104.0831	112.1945	96.5658
2019	115.7182	110.1298	122.7845	107.0934	116.6247	98.4125
2019: I	114.4908	109.3956	121.0275	106.0727	115.4700	97.5080
II	115.3739	110.2733	121.9276	106.8373	116.6030	97.9743
III	116.4899	110.4769	124.0091	107.8440	117.1091	99.3667
IV	116.4571	110.3251	124.0981	107.6194	117.3167	98.8008
2020: I	117.8812	111.2690	126.0629	108.6315	118.4348	99.7293
II	122.1671	112.3253	133.8825	112.1821	119.1939	105.4947
III	117.7298	107.2406	130.1547	108.7043	114.8500	102.7665

[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.