Table B–60. Foreign exchange rates, 2005–2025

[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
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
2020	.6899	5.1587	1.3422	6.9042	1.1410	74.14	106.78	21.546	1,180.56	9.2167	.9389	1.2829
2021	.7515	5.3958	1.2533	6.4508	1.1830	73.94	109.84	20.284	1,144.89	8.5812	.9144	1.3764
2022	.6951	5.1605	1.3014	6.7290	1.0534	78.58	131.46	20.121	1,291.78	10.1177	.9550	1.2371
2023	.6644	4.9946	1.3494	7.0809	1.0817	82.57	140.50	17.733	1,306.76	10.6089	.8984	1.2440
2024	.6597	5.3872	1.3699	7.1957	1.0820	83.66	151.46	18.306	1,363.44	10.5744	.8808	1.2781
2025	.6450	5.5891	1.3973	7.1875	1.1306	87.15	149.57	19.205	1,421.40	9.8060	.8305	1.3192
2024: I	.6573	4.9528	1.3486	7.1885	1.0855	83.03	148.56	16.984	1,329.61	10.3986	.8749	1.2682
II	.6589	5.2096	1.3681	7.2410	1.0766	83.41	155.78	17.222	1,370.14	10.6937	.9047	1.2618
III	.6698	5.5447	1.3641	7.1641	1.0987	83.75	149.10	18.925	1,355.48	10.4252	.8662	1.3005
IV	.6523	5.8396	1.3989	7.1896	1.0668	84.43	152.39	20.092	1,398.67	10.7829	.8776	1.2816
2025: I	.6277	5.8469	1.4349	7.2728	1.0531	86.60	152.40	20.409	1,452.01	10.6663	.8987	1.2605
II	.6408	5.6715	1.3844	7.2331	1.1342	85.56	144.49	19.522	1,399.82	9.6634	.8260	1.3353
III	.6543	5.4486	1.3773	7.1570	1.1685	87.34	147.51	18.626	1,386.95	9.5171	.8002	1.3484
IV	.6568	5.3968	1.3939	7.0889	1.1641	89.10	154.07	18.298	1,448.76	9.4027	.7991	1.3304

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]
2005	.....	.....	.....	.....	.....	.....
2006	98.6005	97.6833	99.8103	98.9214	98.3172	99.7173
2007	93.8100	92.0715	96.1170	94.2561	93.6206	95.0905
2008	90.8801	88.4517	94.1271	90.9702	90.8440	91.1762
2009	96.7509	92.8232	101.9953	95.3262	94.7213	96.0837
2010	93.0541	90.1336	97.1416	90.7912	92.0410	89.5835
2011	88.7767	84.8522	93.9916	86.2942	87.3424	85.2698
2012	91.6361	88.0233	96.5231	88.5044	90.8679	86.1641
2013	92.7611	90.6492	96.0312	88.7189	93.8607	83.7969
2014	95.5876	93.4349	98.9391	90.7140	97.0272	84.7616
2015	108.1696	108.1483	109.5239	101.1820	111.8309	91.5630
2016	113.0665	109.3636	118.1858	105.3957	114.0203	97.3637
2017	112.8101	108.9520	118.0903	104.8449	114.1631	96.2565
2018	112.0032	106.4902	119.0076	104.0773	112.2338	96.4344
2019	115.7334	110.2673	122.7186	107.1842	116.7258	98.3419
2020	117.7809	109.0631	128.3959	108.7555	116.4114	101.4536
2021	113.1162	104.5205	123.5588	106.2729	114.1668	98.8006
2022	120.7044	115.0954	128.0962	115.0691	126.9244	104.3889
2023	120.4892	115.4193	127.3109	114.2047	126.4555	103.1741
2024	123.2027	116.4136	131.8624	116.3650	128.1980	105.6501
2025	122.7374	113.8057	133.7905	116.6338	126.0921	107.8408
2024: I	121.0047	115.5340	128.2452	114.3293	127.2168	102.7924
II	122.8774	117.3299	130.2260	116.1385	129.2449	104.4112
III	122.9346	114.9510	132.8545	115.8651	126.3358	106.2470
IV	126.0081	117.8721	136.1184	119.1270	129.9943	109.1497
2025: I	127.7149	119.6879	137.7752	121.2300	132.3243	111.0504
II	122.4150	112.7030	134.3591	116.0847	124.6438	108.0420
III	120.2372	110.9399	131.6869	114.3556	122.9731	106.2755
IV	120.7487	112.0972	131.4639	114.8647	124.4272	105.9952

[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), Lithuania (2015), and Croatia (2023).

[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.

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