14 U.S. DOLLAR RATES PER UNIT OF SELECTED CURRENCY

rates in US dollar per unit of foreign currency
period averages

Period		Philippine Peso	Japanese Yen	Euro	Pound Sterling	Canadian Dollar	Swiss Franc	Brunei Dollar	Australian Dollar	Hongkong Dollar	New Taiwan Dollar	S. Korean Won	Singapore Dollar	Malaysian Ringgit	Thai Baht	Indonesian Rupiah	Saudi Rial	Chinese Yuan	UAE Dirham	Special Drawing Right
2016		0.021056	0.009215	1.107112	1.356921	0.755322	1.015642	0.722169	0.743663	0.128831	0.031037	0.000863	0.724787	0.241843	0.028347	0.000075	0.266677	0.150622	0.272286	1.390251
2017		0.019840	0.008918	1.129426	1.288756	0.771255	1.016099	0.721927	0.766506	0.128339	0.032881	0.000885	0.724543	0.232734	0.029487	0.000075	0.266671	0.147966	0.272290	1.386472
2018	**Ave**	**0.018989**	**0.009057**	**1.181482**	**1.335866**	**0.772340**	**1.023134**	**0.738933**	**0.748254**	**0.127604**	**0.033206**	**0.000910**	**0.741674**	**0.248161**	**0.030965**	**0.000070**	**0.266636**	**0.151444**	**0.272282**	**1.416095**
	January	0.019799	0.009016	1.219557	1.381305	0.804447	1.040113	0.753945	0.795210	0.127893	0.033990	0.000938	0.756799	0.252926	0.031330	0.000075	0.266656	0.155446	0.272297	1.437267
	February	0.019310	0.009254	1.234763	1.397726	0.795982	1.069851	0.755041	0.787532	0.127850	0.034202	0.000927	0.757903	0.255817	0.031774	0.000074	0.266662	0.158271	0.272293	1.451971
	March	0.019206	0.009432	1.233610	1.395945	0.773783	1.056525	0.757317	0.777190	0.127561	0.034240	0.000933	0.760195	0.255910	0.031979	0.000073	0.266658	0.158134	0.272290	1.452152
	April	0.019194	0.009303	1.228625	1.408355	0.785734	1.034171	0.757585	0.768950	0.127422	0.034088	0.000937	0.760465	0.257505	0.031962	0.000073	0.266664	0.158900	0.272286	1.451422
	May	0.019159	0.009110	1.181476	1.346748	0.777337	1.002594	0.743867	0.752486	0.127410	0.033497	0.000929	0.746644	0.252584	0.031301	0.000071	0.266652	0.156946	0.272275	1.424017
	June	0.018851	0.009093	1.167347	1.328716	0.761795	1.010593	0.739144	0.749126	0.127440	0.033257	0.000914	0.741886	0.250288	0.030823	0.000072	0.266656	0.154798	0.272278	1.413764
	July	0.018715	0.008978	1.168777	1.317668	0.761354	1.005687	0.731079	0.740232	0.127431	0.032754	0.000892	0.733761	0.247124	0.030058	0.000070	0.266650	0.149063	0.272275	1.405344
	August	0.018771	0.009002	1.155110	1.289305	0.767212	1.011471	0.728167	0.733348	0.127401	0.032583	0.000893	0.730828	0.244590	0.030256	0.000069	0.266645	0.146034	0.272273	1.395748
	September	0.018538	0.008937	1.166100	1.305470	0.766907	1.033516	0.726751	0.719975	0.127576	0.032548	0.000893	0.729402	0.241737	0.030664	0.000067	0.266636	0.145934	0.272279	1.400625
	October	0.018516	0.008864	1.149461	1.301974	0.769298	1.007356	0.722659	0.710757	0.127610	0.032392	0.000884	0.725279	0.240683	0.030540	0.000066	0.266606	0.144493	0.272284	1.391461
	November	0.018936	0.008823	1.136305	1.290784	0.757592	0.999180	0.724716	0.724132	0.127733	0.032463	0.000888	0.727352	0.239033	0.030339	0.000068	0.266576	0.144126	0.272272	1.384689
	December	0.018950	0.008869	1.136647	1.266400	0.746636	1.006549	0.726918	0.720118	0.127921	0.032459	0.000891	0.729570	0.239730	0.030553	0.000069	0.266572	0.145178	0.272280	1.384675
2019	**Ave**	**0.019307**	**0.009174**	**1.119508**	**1.277042**	**0.753648**	**1.006399**	**0.730496**	**0.694984**	**0.127628**	**0.032373**	**0.000859**	**0.733174**	**0.241530**	**0.032220**	**0.000071**	**0.266647**	**0.144824**	**0.272274**	**1.381614**
	January	0.019059	0.009176	1.141941	1.289355	0.751123	1.011389	0.734516	0.714568	0.127541	0.032469	0.000892	0.737224	0.242929	0.031386	0.000071	0.266622	0.147140	0.272273	1.393547
	February	0.019161	0.009065	1.135044	1.300400	0.756890	0.998431	0.736128	0.714383	0.127426	0.032480	0.000892	0.738847	0.245312	0.031971	0.000071	0.266660	0.148593	0.272277	1.391624
	March	0.019079	0.008998	1.130871	1.318743	0.748722	0.999840	0.735971	0.708281	0.127402	0.032418	0.000885	0.738689	0.245324	0.031542	0.000071	0.266667	0.148962	0.272276	1.392053
	April	0.019189	0.008960	1.122900	1.303439	0.747351	0.993480	0.734821	0.710661	0.127479	0.032424	0.000876	0.737531	0.243500	0.031423	0.000071	0.266663	0.148858	0.272277	1.387202
	May	0.019134	0.009089	1.118290	1.284595	0.743016	0.989284	0.726659	0.693981	0.127419	0.032030	0.000846	0.729309	0.239955	0.031435	0.000069	0.266674	0.145906	0.272274	1.381580
	June	0.019304	0.009254	1.128633	1.267044	0.752148	1.011479	0.731198	0.693894	0.127773	0.032001	0.000853	0.733881	0.240288	0.032089	0.000070	0.266658	0.144912	0.272274	1.384814
	July	0.019553	0.009241	1.122661	1.248870	0.763666	1.012929	0.732494	0.698574	0.128013	0.032199	0.000851	0.735187	0.242563	0.032477	0.000071	0.266654	0.145393	0.272271	1.382120
	August	0.019211	0.009398	1.112489	1.215295	0.753913	1.020687	0.719896	0.677053	0.127531	0.031884	0.000827	0.722496	0.239117	0.032517	0.000070	0.266625	0.141874	0.272272	1.373325
	September	0.019192	0.009313	1.101381	1.234919	0.755172	1.010061	0.722034	0.680486	0.127624	0.032165	0.000837	0.724650	0.239028	0.032725	0.000071	0.266610	0.140453	0.272273	1.368565
	October	0.019416	0.009247	1.104709	1.263009	0.757989	1.006602	0.726685	0.678883	0.127519	0.032579	0.000845	0.729336	0.238871	0.032930	0.000071	0.266621	0.140945	0.272274	1.371228
	November	0.019713	0.009186	1.105020	1.288495	0.755670	1.007349	0.731917	0.682855	0.127755	0.032824	0.000857	0.734605	0.240721	0.033073	0.000071	0.266667	0.142449	0.272272	1.375041
	December	0.019698	0.009165	1.110150	1.310344	0.758120	1.015262	0.733629	0.686189	0.128052	0.033004	0.000850	0.736330	0.240756	0.033072	0.000071	0.266644	0.142399	0.272270	1.378264
2020	**Ave**	**0.019969**	**0.009300**	**1.123951**	**1.271220**	**0.739257**	**1.052467**	**0.716882**	**0.676527**	**0.128911**	**0.033599**	**0.000834**	**0.719462**	**0.236434**	**0.031749**	**0.000069**	**0.266496**	**0.142982**	**0.272272**	**1.382288**
	January	0.019670	0.009152	1.110643	1.308086	0.764912	1.031659	0.737710	0.686433	0.128639	0.033323	0.000858	0.740442	0.245294	0.032896	0.000073	0.266576	0.144598	0.272271	1.380084
	February	0.019706	0.009091	1.091253	1.297495	0.753245	1.024539	0.717992	0.667432	0.128661	0.033162	0.000839	0.720579	0.240846	0.031978	0.000073	0.266593	0.143006	0.272272	1.369592
	March	0.019645	0.009294	1.106471	1.238490	0.718956	1.043817	0.704544	0.623605	0.128777	0.033216	0.000823	0.707036	0.233059	0.031215	0.000066	0.266393	0.142468	0.272271	1.372285
	April	0.019710	0.009285	1.087575	1.241480	0.711375	1.031082	0.700093	0.629655	0.129018	0.033250	0.000818	0.702552	0.229897	0.030655	0.000064	0.266055	0.141360	0.272269	1.363600
	May	0.019780	0.009332	1.089589	1.230100	0.715298	1.031099	0.702776	0.650368	0.129000	0.033429	0.000814	0.705255	0.230674	0.031162	0.000067	0.266305	0.140792	0.272273	1.363273
	June	0.019961	0.009294	1.125190	1.252348	0.737842	1.049891	0.714587	0.688600	0.129027	0.033711	0.000827	0.717149	0.233814	0.032036	0.000071	0.266576	0.141142	0.272271	1.379128
	July	0.020215	0.009356	1.143291	1.263955	0.740084	1.068344	0.717635	0.701400	0.129016	0.033996	0.000834	0.720219	0.234509	0.031832	0.000069	0.266654	0.142611	0.272273	1.388543
	August	0.020474	0.009428	1.181805	1.311105	0.754384	1.097821	0.726976	0.717853	0.129029	0.034068	0.000842	0.729628	0.238727	0.032060	0.000068	0.266679	0.144125	0.272274	1.411215
	September	0.020616	0.009469	1.179745	1.297923	0.757215	1.093956	0.729629	0.723400	0.129034	0.034240	0.000849	0.732301	0.241087	0.031910	0.000068	0.266633	0.146736	0.272272	1.412873

Note: Annual averages of the US Dollar per Philippine Peso are computed as the reciprocal of the Philippine Peso per US Dollar.
Source: Reference Exchange Rate Bulletin, Bangko Sentral ng Pilipinas

14.1 U.S. DOLLAR RATES PER UNIT OF SELECTED CURRENCY

year-on-year % appreciation (+) / depreciation (-) of selected currencies vs. the US Dollar
period averages

Period	Philippine Peso	Japanese Yen	Euro	Pound Sterling	Canadian Dollar	Swiss Franc	Brunei Dollar	Australian Dollar	Hongkong Dollar	New Taiwan Dollar	S. Korean Won	Singapore Dollar	Malaysian Ringgit	Thai Baht	Indonesian Rupiah	Saudi Rial	Chinese Yuan	UAE Dirham	Special Drawing Right
2016	-4.19	11.49	-0.31	-11.27	-3.68	-2.38	-0.49	-1.27	-0.13	-1.57	-2.55	-0.49	-6.30	-3.17	0.41	0.02	-5.39	0.00	-0.65
2017	-5.78	-3.23	2.02	-5.02	2.11	0.04	-0.03	3.07	-0.38	5.94	2.56	-0.03	-3.77	4.02	-0.57	0.00	-1.76	0.00	-0.27
2018	**-4.29**	**1.56**	**4.61**	**3.66**	**0.14**	**0.69**	**2.36**	**-2.38**	**-0.57**	**0.99**	**2.78**	**2.36**	**6.63**	**5.01**	**-5.68**	**-0.01**	**2.35**	**0.00**	**2.14**
January	-1.53	3.62	14.81	12.00	6.31	4.89	8.10	6.72	-0.80	7.73	10.80	8.13	12.74	11.14	-0.19	-0.01	7.21	0.00	6.39
February	-3.52	4.54	15.88	11.80	4.22	7.03	7.15	2.80	-0.80	5.55	5.83	7.18	13.59	11.25	-1.96	-0.01	8.79	0.00	7.11
March	-3.44	6.48	15.41	13.09	3.51	5.85	6.75	1.94	-0.95	4.89	5.67	6.78	13.52	11.56	-2.67	-0.01	9.05	0.00	7.20
April	-4.29	2.47	14.65	11.56	5.42	3.49	6.31	1.90	-0.96	3.59	6.11	6.33	13.55	10.02	-3.07	0.00	9.48	0.00	6.70
May	-4.47	2.27	6.92	4.20	5.70	-1.06	4.13	1.24	-0.80	0.90	4.54	4.14	9.01	7.90	-4.89	-0.01	8.14	0.00	3.59
June	-6.03	0.81	3.90	3.69	1.40	-2.19	2.62	-0.71	-0.63	0.59	3.25	2.63	7.01	4.80	-4.49	0.00	5.42	0.00	2.19
July	-5.23	0.95	1.51	1.43	-3.17	-3.50	0.64	-4.93	-0.49	-0.41	1.04	0.64	5.98	1.48	-7.21	-0.01	0.99	0.00	0.78
August	-4.50	-1.07	-2.23	-0.67	-3.24	-2.30	-0.57	-7.34	-0.37	-1.47	0.86	-0.57	4.75	0.62	-8.44	-0.01	-2.51	0.00	-1.08
September	-5.44	-1.01	-2.07	-1.99	-5.73	-0.56	-1.53	-9.64	-0.31	-1.98	1.16	-1.54	1.82	1.61	-10.59	-0.01	-4.16	0.00	-1.38
October	-4.93	0.10	-2.29	-1.40	-3.30	-1.26	-1.38	-8.82	-0.39	-1.95	0.29	-1.39	1.74	1.52	-10.63	-0.02	-4.20	0.00	-1.31
November	-3.35	-0.45	-3.15	-2.27	-3.40	-0.90	-1.37	-5.06	-0.31	-2.34	-2.12	-1.38	-0.22	-0.08	-7.61	-0.03	-4.55	-0.01	-1.64
December	-4.50	0.13	-3.91	-5.55	-4.58	-0.62	-1.75	-5.62	-0.07	-2.72	-3.34	-1.76	-2.24	-0.29	-6.52	-0.03	-4.17	-0.01	-2.12
2019	**1.67**	**1.30**	**-5.25**	**-4.40**	**-2.42**	**-1.64**	**-1.14**	**-7.12**	**0.02**	**-2.51**	**-5.57**	**-1.15**	**-2.67**	**4.05**	**0.34**	**0.00**	**-4.37**	**0.00**	**-2.43**
January	-3.73	1.77	-6.36	-6.66	-6.63	-2.76	-2.58	-10.14	-0.28	-4.48	-4.86	-2.59	-3.95	0.18	-5.46	-0.01	-5.34	-0.01	-3.04
February	-0.77	-2.05	-8.08	-6.96	-4.91	-6.68	-2.50	-9.29	-0.33	-5.03	-3.76	-2.51	-4.11	0.62	-2.98	0.00	-6.11	-0.01	-4.16
March	-0.66	-4.60	-8.33	-5.53	-3.24	-5.37	-2.82	-8.87	-0.12	-5.32	-5.18	-2.83	-4.14	-1.37	-3.39	0.00	-5.80	-0.01	-4.14
April	-0.03	-3.69	-8.61	-7.45	-4.89	-3.93	-3.00	-7.58	0.04	-4.88	-6.47	-3.02	-5.44	-1.69	-2.72	0.00	-6.32	0.00	-4.42
May	-0.13	-0.23	-5.35	-4.61	-4.42	-1.33	-2.31	-7.77	0.01	-4.38	-8.98	-2.32	-5.00	0.43	-2.60	0.01	-7.03	0.00	-2.98
June	2.40	1.77	-3.32	-4.64	-1.27	0.09	-1.08	-7.37	0.26	-3.78	-6.71	-1.08	-4.00	4.11	-1.81	0.00	-6.39	0.00	-2.05
July	4.48	2.93	-3.95	-5.22	0.30	0.72	0.19	-5.63	0.46	-1.69	-4.57	0.19	-1.85	8.05	2.52	0.00	-2.46	0.00	-1.65
August	2.34	4.39	-3.69	-5.74	-1.73	0.91	-1.14	-7.68	0.10	-2.15	-7.31	-1.14	-2.24	7.47	2.17	-0.01	-2.85	0.00	-1.61
September	3.53	4.21	-5.55	-5.40	-1.53	-2.27	-0.65	-5.48	0.04	-1.18	-6.34	-0.65	-1.12	6.72	5.73	-0.01	-3.76	0.00	-2.29
October	4.86	4.32	-3.89	-2.99	-1.47	-0.07	0.56	-4.48	-0.07	0.58	-4.45	0.56	-0.75	7.82	7.24	0.01	-2.46	0.00	-1.45
November	4.10	4.11	-2.75	-0.18	-0.25	0.82	0.99	-5.70	0.02	1.11	-3.55	1.00	0.71	9.01	3.92	0.03	-1.16	0.00	-0.70
December	3.94	3.33	-2.33	3.47	1.54	0.87	0.92	-4.71	0.10	1.68	-4.58	0.93	0.43	8.25	3.20	0.03	-1.91	0.00	-0.46
2020	**3.96**	**1.46**	**0.01**	**-0.19**	**-1.75**	**4.69**	**-1.85**	**-3.23**	**1.04**	**4.25**	**-3.28**	**-1.86**	**-2.30**	**-0.63**	**-2.61**	**-0.06**	**-1.92**	**0.00**	**-0.11**
January	3.20	-0.27	-2.74	1.45	1.84	2.00	0.43	-3.94	0.86	2.63	-3.83	0.44	0.97	4.81	3.01	-0.02	-1.73	0.00	-0.97
February	2.85	0.29	-3.86	-0.22	-0.48	2.61	-2.46	-6.57	0.97	2.10	-6.02	-2.47	-1.82	0.02	2.04	-0.03	-3.76	0.00	-1.58
March	2.97	3.29	-2.16	-6.09	-3.98	4.40	-4.27	-11.96	1.08	2.46	-6.96	-4.29	-5.00	-1.04	-5.94	-0.10	-4.36	0.00	-1.42
April	2.71	3.63	-3.15	-4.75	-4.81	3.78	-4.73	-11.40	1.21	2.55	-6.70	-4.74	-5.59	-2.44	-10.07	-0.23	-5.04	0.00	-1.70
May	3.38	2.67	-2.57	-4.24	-3.73	4.23	-3.29	-6.28	1.24	4.37	-3.70	-3.30	-3.87	-0.87	-3.11	-0.14	-3.50	0.00	-1.33
June	3.40	0.43	-0.31	-1.16	-1.90	3.80	-2.27	-0.76	0.98	5.34	-2.99	-2.28	-2.69	-0.16	0.88	-0.03	-2.60	0.00	-0.41
July	3.39	1.24	1.84	1.21	-3.09	5.47	-2.03	0.40	0.78	5.58	-1.96	-2.04	-3.32	-1.99	-2.97	0.00	-1.91	0.00	0.46
August	6.57	0.32	6.23	7.88	0.06	7.56	0.98	6.03	1.17	6.85	1.83	0.99	-0.16	-1.41	-2.63	0.02	1.59	0.00	2.76
September	7.42	1.68	7.12	5.10	0.27	8.31	1.05	6.31	1.10	6.45	1.43	1.06	0.86	-2.49	-4.74	0.01	4.47	0.00	3.24

Source: Reference Exchange Rate Bulletin, Bangko Sentral ng Pilipinas