14 U.S. DOLLAR RATES OF SELECTED CURRENCIES

period averages

Period	Phil Peso	Japanese Yen	Euro	Pound Sterling	Canadian Dollar	Swiss Franc	Brunei Dollar	Australian Dollar	Hongkong Dollar	N T Dollar	S. Korean Won	Singapore Dollar	Malaysian Ringgit	Thai Baht	Indonesian Rupiah	Saudi Rial	Chinese Yuan	UAE Dirham	S.D.R.
2014	0.022525	0.009481	1.330108	1.648552	0.906367	1.094889	0.786830	0.903479	0.128960	0.033022	0.000951	0.789939	0.306018	0.030799	0.000084	0.266612	0.162341	0.272264	1.520283
2015	0.021977	0.008265	1.110605	1.529313	0.784142	1.040410	0.725704	0.753212	0.128995	0.031530	0.000886	0.728348	0.258095	0.029275	0.000075	0.266613	0.159206	0.272274	1.399404
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	**0.019208**	**0.009166**	**1.123801**	**1.273629**	**0.752445**	**1.005287**	**0.730413**	**0.699098**	**0.127579**	**0.032230**	**0.000862**	**0.733091**	**0.242002**	**0.031952**	**0.000071**	**0.266648**	**0.145788**	**0.272274**	**1.383870**
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

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 OF SELECTED CURRENCIES

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

Period	Phil Peso	Japanese Yen	Euro	Pound Sterling	Canadian Dollar	Swiss Franc	Brunei Dollar	Australian Dollar	Hongkong Dollar	N T Dollar	S. Korean Won	Singapore Dollar	Malaysian Ringgit	Thai Baht	Indonesian Rupiah	Saudi Rial	Chinese Yuan	UAE Dirham	S.D.R.
2014	-4.39	-7.69	0.14	5.40	-6.69	1.46	-1.22	-6.68	0.02	-2.03	3.97	-1.22	-3.74	-5.58	-12.55	-0.02	-0.18	0.00	0.05
2015	-2.43	-12.82	-16.50	-7.23	-13.49	-4.98	-7.77	-16.63	0.03	-4.52	-6.84	-7.80	-15.66	-4.95	-11.31	0.00	-1.93	0.00	-7.95
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	**0.81**	**0.45**	**-5.96**	**-5.82**	**-3.18**	**-2.34**	**-1.78**	**-7.80**	**0.02**	**-3.68**	**-6.02**	**-1.79**	**-3.56**	**2.65**	**-1.06**	**0.00**	**-5.16**	**0.00**	**-2.94**
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

Source: Reference Exchange Rate Bulletin, Bangko Sentral ng Pilipinas