

**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.
2011	0.023088	0.012551	1.392043	1.603748	1.011648	1.131208	0.792559	1.031877	0.128472	0.034049	0.000904	0.795714	0.327236	0.032833	0.000114	0.266663	0.154659	0.272274	1.578551
2012	0.023681	0.012546	1.286018	1.585088	1.000821	1.067064	0.797516	1.035595	0.128921	0.033826	0.000888	0.800710	0.324022	0.032198	0.000107	0.266660	0.158492	0.272267	1.531489
2013	0.023559	0.010270	1.328200	1.564075	0.971368	1.079186	0.796510	0.968126	0.128928	0.033705	0.000914	0.799695	0.317925	0.032621	0.000097	0.266653	0.162634	0.272268	1.519513
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
<b>2017 Ave</b>	<b>0.019840</b>	<b>0.008918</b>	<b>1.129426</b>	<b>1.288756</b>	<b>0.771255</b>	<b>1.016099</b>	<b>0.721927</b>	<b>0.766506</b>	<b>0.128339</b>	<b>0.032881</b>	<b>0.000885</b>	<b>0.724543</b>	<b>0.232734</b>	<b>0.029487</b>	<b>0.000075</b>	<b>0.266671</b>	<b>0.147966</b>	<b>0.272290</b>	<b>1.386472</b>
January	0.020106	0.008701	1.062286	1.233333	0.756706	0.991589	0.697438	0.745133	0.128931	0.031551	0.000847	0.699879	0.224344	0.028190	0.000075	0.266695	0.144999	0.272286	1.350920
February	0.020015	0.008852	1.065540	1.250155	0.763726	0.999587	0.704632	0.766115	0.128875	0.032404	0.000876	0.707124	0.225205	0.028560	0.000075	0.266693	0.145488	0.272298	1.355531
March	0.019891	0.008859	1.068857	1.234313	0.747518	0.998123	0.709421	0.762391	0.128780	0.032643	0.000883	0.711947	0.225434	0.028667	0.000075	0.266698	0.145009	0.272303	1.354679
April	0.020055	0.009078	1.071676	1.262371	0.745343	0.999256	0.712647	0.754588	0.128652	0.032907	0.000883	0.715195	0.226781	0.029052	0.000075	0.266670	0.145140	0.272284	1.360298
May	0.020056	0.008907	1.105041	1.292427	0.735397	1.013345	0.714391	0.743291	0.128432	0.033199	0.000889	0.716953	0.231705	0.029009	0.000075	0.266666	0.145138	0.272286	1.374636
June	0.020060	0.009019	1.123530	1.281400	0.751282	1.033231	0.720269	0.754500	0.128244	0.033062	0.000885	0.722873	0.233901	0.029412	0.000075	0.266663	0.146845	0.272291	1.383482
July	0.019748	0.008894	1.151443	1.299119	0.786312	1.042215	0.726462	0.778605	0.128065	0.032889	0.000882	0.729111	0.233185	0.029620	0.000075	0.266672	0.147601	0.272278	1.394424
August	0.019656	0.009100	1.181476	1.297952	0.792932	1.035273	0.732307	0.791419	0.127870	0.033069	0.000885	0.734998	0.233499	0.030069	0.000075	0.266665	0.149789	0.272281	1.411015
September	0.019604	0.009028	1.190705	1.331979	0.813520	1.039298	0.738073	0.796811	0.127977	0.033204	0.000883	0.740807	0.237410	0.030178	0.000075	0.266662	0.152266	0.272276	1.420247
October	0.019477	0.008855	1.176410	1.320480	0.795572	1.020161	0.732807	0.779505	0.128105	0.033035	0.000881	0.735502	0.236560	0.030082	0.000074	0.266658	0.150825	0.272285	1.409995
November	0.019593	0.008862	1.173290	1.320780	0.784291	1.008253	0.734816	0.762740	0.128129	0.033240	0.000907	0.737526	0.239564	0.030364	0.000074	0.266654	0.151001	0.272290	1.407780
December	0.019843	0.008858	1.182858	1.340763	0.782458	1.012856	0.739861	0.762968	0.128011	0.033366	0.000922	0.742609	0.245225	0.030641	0.000074	0.266658	0.151499	0.272317	1.414663
<b>2018 Ave</b>	<b>0.018989</b>	<b>0.009057</b>	<b>1.181482</b>	<b>1.335866</b>	<b>0.772340</b>	<b>1.023134</b>	<b>0.738933</b>	<b>0.748254</b>	<b>0.127604</b>	<b>0.033206</b>	<b>0.000910</b>	<b>0.741674</b>	<b>0.248161</b>	<b>0.030965</b>	<b>0.000070</b>	<b>0.266636</b>	<b>0.151444</b>	<b>0.272282</b>	<b>1.416095</b>
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
<b>2019 Ave</b>	<b>0.019100</b>	<b>0.009080</b>	<b>1.135952</b>	<b>1.302832</b>	<b>0.752245</b>	<b>1.003220</b>	<b>0.735538</b>	<b>0.712411</b>	<b>0.127456</b>	<b>0.032456</b>	<b>0.000890</b>	<b>0.738254</b>	<b>0.244522</b>	<b>0.031633</b>	<b>0.000071</b>	<b>0.266650</b>	<b>0.148232</b>	<b>0.272276</b>	<b>1.392408</b>
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

Note: US Dollar per Philippine Peso annual average is the reciprocal of the Philippine Peso per US Dollar annual average  
Source: Reference Exchange Rate Bulletin, Financial Market Operations Sub-Sector, 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.
2011	4.15	9.97	4.85	3.67	4.19	17.72	8.32	12.25	-0.20	7.25	4.38	8.35	5.27	3.98	3.65	0.00	4.70	-0.01	3.45
2012	2.57	-0.04	-7.62	-1.16	-1.07	-5.67	0.63	0.36	0.35	-0.65	-1.76	0.63	-0.98	-1.94	-6.33	0.00	2.48	0.00	-2.98
2013	-0.51	-18.14	3.28	-1.33	-2.94	1.14	-0.13	-6.51	0.01	-0.36	2.99	-0.13	-1.88	1.31	-9.76	0.00	2.61	0.00	-0.78
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
<b>2017</b>	<b>-5.78</b>	<b>-3.23</b>	<b>2.02</b>	<b>-5.02</b>	<b>2.11</b>	<b>0.04</b>	<b>-0.03</b>	<b>3.07</b>	<b>-0.38</b>	<b>5.94</b>	<b>2.56</b>	<b>-0.03</b>	<b>-3.77</b>	<b>4.02</b>	<b>-0.57</b>	<b>0.00</b>	<b>-1.76</b>	<b>0.00</b>	<b>-0.27</b>
January	-4.47	2.80	-2.29	-14.44	7.56	-0.27	0.26	6.22	0.31	5.36	1.73	0.26	-2.50	1.94	3.90	0.04	-4.75	0.00	-2.26
February	-4.65	1.81	-4.05	-12.81	5.47	-0.77	-0.66	7.44	0.31	7.67	6.34	-0.66	-6.05	1.70	1.42	-0.01	-4.74	0.01	-2.74
March	-7.06	0.09	-3.83	-13.35	-1.08	-1.90	-2.18	1.96	-0.05	6.48	4.75	-2.19	-7.96	1.10	-1.01	-0.01	-5.61	0.01	-2.80
April	-7.18	-0.32	-5.48	-11.75	-4.32	-3.70	-3.46	-1.48	-0.22	6.36	1.18	-3.47	-11.63	1.93	-1.25	-0.02	-6.01	0.00	-3.41
May	-6.13	-3.05	-2.30	-11.08	-4.98	-0.98	-1.83	1.53	-0.29	8.04	4.25	-1.83	-6.59	2.65	0.38	0.00	-5.25	0.00	-2.61
June	-6.79	-4.65	-0.07	-10.12	-3.14	0.19	-2.13	2.03	-0.46	6.87	3.24	-2.14	-4.54	3.85	0.30	-0.02	-3.24	0.00	-1.73
July	-7.07	-7.28	4.08	-1.30	2.45	2.35	-1.53	3.51	-0.67	5.60	0.80	-1.54	-6.46	3.78	-1.32	0.01	-1.41	0.00	0.29
August	-8.24	-7.88	5.41	-1.00	3.03	0.43	-1.07	3.78	-0.83	4.28	-1.82	-1.07	-6.06	4.42	-1.26	-0.01	-0.43	0.00	0.86
September	-7.02	-8.03	6.21	1.27	6.47	1.21	0.64	5.06	-0.74	4.48	-2.10	0.65	-2.62	4.72	-1.36	0.00	1.61	0.00	1.54
October	-5.83	-8.24	6.57	6.70	5.16	0.58	1.62	2.32	-0.63	4.24	-0.96	1.63	-1.38	5.40	-3.90	0.00	1.39	0.00	2.01
November	-3.69	-4.20	8.63	6.20	5.38	0.33	3.92	1.21	-0.62	5.50	5.44	3.93	3.40	7.20	-1.73	-0.01	3.27	0.00	2.96
December	-1.15	2.61	12.15	7.26	4.32	3.24	6.53	3.74	-0.68	6.62	8.82	6.55	9.24	9.56	-0.67	0.00	4.79	0.01	4.95
<b>2018</b>	<b>-4.29</b>	<b>1.56</b>	<b>4.61</b>	<b>3.66</b>	<b>0.14</b>	<b>0.69</b>	<b>2.36</b>	<b>-2.38</b>	<b>-0.57</b>	<b>0.99</b>	<b>2.78</b>	<b>2.36</b>	<b>6.63</b>	<b>5.01</b>	<b>-5.68</b>	<b>-0.01</b>	<b>2.35</b>	<b>0.00</b>	<b>2.14</b>
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
<b>2019</b>	<b>-1.73</b>	<b>-1.67</b>	<b>-7.59</b>	<b>-6.38</b>	<b>-4.95</b>	<b>-4.95</b>	<b>-2.63</b>	<b>-9.44</b>	<b>-0.24</b>	<b>-4.94</b>	<b>-4.60</b>	<b>-2.64</b>	<b>-4.07</b>	<b>-0.19</b>	<b>-3.95</b>	<b>0.00</b>	<b>-5.76</b>	<b>-0.01</b>	<b>-3.78</b>
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

Source: Reference Exchange Rate Bulletin, Financial Market Operations Sub-Sector, Bangko Sentral ng Pilipinas