## 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** | **0.019154** | **0.009112** | **1.128620** | **1.287492** | **0.751845** | **1.002405** | **0.733113** | **0.704906** | **0.127579** | **0.032289** | **0.000871** | **0.735810** | **0.242839** | **0.031760** | **0.000071** | **0.266657** | **0.147109** | **0.272275** | **1.387563** |
| 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 |

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** | **-0.49** | **-0.97** | **-6.79** | **-6.46** | **-4.00** | **-3.21** | **-2.40** | **-8.66** | **-0.01** | **-4.69** | **-6.35** | **-2.41** | **-4.46** | **0.74** | **-3.01** | **0.00** | **-6.35** | **0.00** | **-3.54** |
| 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 |

Source: Reference Exchange Rate Bulletin, Bangko Sentral ng Pilipinas