## 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 | | 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 |
| **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** | **0.020152** | **0.009368** | **1.140893** | **1.283442** | **0.746262** | **1.065821** | **0.722597** | **0.689923** | **0.128935** | **0.033976** | **0.000849** | **0.725218** | **0.238210** | **0.031982** | **0.000069** | **0.266526** | **0.144953** | **0.272272** | **1.392789** |
| | 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 |
| | October | 0.020626 | 0.009503 | 1.177086 | 1.297673 | 0.757093 | 1.095843 | 0.732737 | 0.712714 | 0.129032 | 0.034847 | 0.000873 | 0.735431 | 0.240998 | 0.031985 | 0.000068 | 0.266623 | 0.148406 | 0.272272 | 1.413783 |
| | November | 0.020725 | 0.009582 | 1.183150 | 1.320800 | 0.764759 | 1.097826 | 0.739475 | 0.727106 | 0.128990 | 0.035054 | 0.000897 | 0.742219 | 0.243162 | 0.032811 | 0.000071 | 0.266650 | 0.151418 | 0.272272 | 1.421544 |
| | December | 0.020806 | 0.009629 | 1.214917 | 1.341856 | 0.779981 | 1.123975 | 0.747006 | 0.750506 | 0.129000 | 0.035418 | 0.000913 | 0.749807 | 0.246451 | 0.033243 | 0.000071 | 0.266581 | 0.152776 | 0.272272 | 1.437542 |
| **2021** | **Ave** | **0.020725** | **0.009342** | **1.206301** | **1.385645** | **0.798651** | **1.103207** | **0.748202** | **0.772734** | **0.128855** | **0.035648** | **0.000896** | **0.751012** | **0.244790** | **0.032622** | **0.000070** | **0.266638** | **0.154386** | **0.272272** | **1.436077** |
| | January | 0.020807 | 0.009648 | 1.217890 | 1.364260 | 0.786499 | 1.128374 | 0.751807 | 0.772580 | 0.128982 | 0.035721 | 0.000911 | 0.754644 | 0.247787 | 0.033339 | 0.000071 | 0.266592 | 0.154460 | 0.272271 | 1.442565 |
| | February | 0.020745 | 0.009501 | 1.209278 | 1.384494 | 0.787124 | 1.115536 | 0.750287 | 0.773728 | 0.128990 | 0.035766 | 0.000900 | 0.753113 | 0.247310 | 0.033358 | 0.000071 | 0.266628 | 0.154953 | 0.272269 | 1.439715 |
| | March | 0.020587 | 0.009215 | 1.191570 | 1.386804 | 0.795091 | 1.077801 | 0.742537 | 0.770813 | 0.128798 | 0.035443 | 0.000885 | 0.745304 | 0.243662 | 0.032551 | 0.000069 | 0.266637 | 0.153649 | 0.272272 | 1.428405 |
| | April | 0.020635 | 0.009182 | 1.198284 | 1.385216 | 0.800168 | 1.086326 | 0.747032 | 0.770553 | 0.128727 | 0.035457 | 0.000895 | 0.749833 | 0.242745 | 0.031884 | 0.000069 | 0.266667 | 0.153419 | 0.272272 | 1.429534 |
| | May | 0.020853 | 0.009166 | 1.214485 | 1.407450 | 0.824372 | 1.107998 | 0.749346 | 0.775995 | 0.128777 | 0.035851 | 0.000891 | 0.752165 | 0.242448 | 0.031980 | 0.000070 | 0.266666 | 0.155448 | 0.272275 | 1.440168 |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |
| **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** | | **4.38** | **2.11** | **1.91** | **0.50** | **-0.98** | **5.90** | **-1.08** | **-0.73** | **1.02** | **4.95** | **-1.19** | **-1.09** | **-1.37** | **-0.74** | **-2.42** | **-0.05** | **0.09** | **0.00** | **0.81** |
| | 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 |
| | October | 6.23 | 2.77 | 6.55 | 2.74 | -0.12 | 8.87 | 0.83 | 4.98 | 1.19 | 6.96 | 3.37 | 0.84 | 0.89 | -2.87 | -4.24 | 0.00 | 5.29 | 0.00 | 3.10 |
| | November | 5.13 | 4.31 | 7.07 | 2.51 | 1.20 | 8.98 | 1.03 | 6.48 | 0.97 | 6.79 | 4.70 | 1.04 | 1.01 | -0.79 | -0.77 | -0.01 | 6.30 | 0.00 | 3.38 |
| | December | 5.62 | 5.06 | 9.44 | 2.40 | 2.88 | 10.71 | 1.82 | 9.37 | 0.74 | 7.32 | 7.39 | 1.83 | 2.37 | 0.51 | -0.54 | -0.02 | 7.29 | 0.00 | 4.30 |
| **2021** | | **5.19** | **1.21** | **9.95** | **9.70** | **8.99** | **6.85** | **4.99** | **18.61** | **0.03** | **7.13** | **7.96** | **5.01** | **3.74** | **3.30** | **2.25** | **0.10** | **8.38** | **0.00** | **4.84** |
| | January | 5.78 | 5.42 | 9.66 | 4.29 | 2.82 | 9.37 | 1.91 | 12.55 | 0.27 | 7.20 | 6.16 | 1.92 | 1.02 | 1.35 | -2.01 | 0.01 | 6.82 | 0.00 | 4.53 |
| | February | 5.27 | 4.50 | 10.82 | 6.71 | 4.50 | 8.88 | 4.50 | 15.93 | 0.26 | 7.85 | 7.33 | 4.51 | 2.68 | 4.32 | -2.15 | 0.01 | 8.35 | 0.00 | 5.12 |
| | March | 4.80 | -0.85 | 7.69 | 11.98 | 10.59 | 3.26 | 5.39 | 23.61 | 0.02 | 6.70 | 7.55 | 5.41 | 4.55 | 4.28 | 4.54 | 0.09 | 7.85 | 0.00 | 4.09 |
| | April | 4.69 | -1.11 | 10.18 | 11.58 | 12.48 | 5.36 | 6.70 | 22.38 | -0.23 | 6.64 | 9.45 | 6.73 | 5.59 | 4.01 | 8.24 | 0.23 | 8.53 | 0.00 | 4.84 |
| | May | 5.42 | -1.77 | 11.46 | 14.42 | 15.25 | 7.46 | 6.63 | 19.32 | -0.17 | 7.25 | 9.40 | 6.65 | 5.10 | 2.62 | 3.69 | 0.14 | 10.41 | 0.00 | 5.64 |

Source: Reference Exchange Rate Bulletin, Bangko Sentral ng Pilipinas