# August 2023 Interest Rates

| Issue Date | Amount of Debentures ($0) | Debenture Rate (%) | Note Rate (%) | Comparable Treasury Market Rate (%) | Spread Over Treasury Rate (%) | CDC Fee / Borrower Fee / CSA Fee | 0.625 / 0.6970 / 0.100 | 1.000 / 0.6970 / 0.100 | 0.625 / 0.6420 / 0.100 | 1.000 / 0.6420 / 0.100 | 0.625 / 0.3680 / 0.100 | 1.000 / 0.3680 / 0.100 | 0.625 / 0.3205 / 0.100 | 1.000 / 0.3205 / 0.100 | 0.625 / 0.4517 / 0.100 | 1.000 / 0.4517 / 0.100 | 0.625 / 0.2475 / 0.100 | 1.000 / 0.2475 / 0.100 | 0.625 / 0.4405 / 0.100 | 1.000 / 0.4405 / 0.100 | 0.625 / 0.7310 / 0.100 | 1.000 / 0.7310 / 0.100 | 0.625 / 0.6820 / 0.100 | 1.000 / 0.6820 / 0.100 | 0.625 / 0.3950 / 0.100 | 1.000 / 0.3950 / 0.100 | 0.625 / 0.3220 / 0.100 | 1.000 / 0.3220 / 0.100 | 0.625 / 0.4865 / 0.100 | 1.000 / 0.4865 / 0.100 | 0.625 / 0.2590 / 0.100 | 1.000 / 0.2590 / 0.100 | 0.625 / 0.4559 / 0.100 | 1.000 / 0.4559 / 0.100 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **10-Year Debentures** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jan 21 | 4,135 | 0.67 | 0.69727 | 0.46 | 0.21 | | N/A | N/A | 2.733 | N/A | 2.325 | 2.883 | 2.254 | N/A | 2.450 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.256 | N/A | N/A | N/A | N/A | N/A | N/A |
| Mar 21 | 9,478 | 0.91 | 0.94684 | 0.79 | 0.12 | | N/A | N/A | 2.983 | N/A | 2.575 | N/A | 2.504 | 3.063 | 2.700 | 3.258 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| May 21 | 12,001 | 0.84 | 0.87394 | 0.79 | 0.05 | | N/A | N/A | N/A | N/A | N/A | 3.056 | 2.428 | 2.985 | 2.623 | 3.180 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.674 | N/A | N/A | N/A | N/A |
| July 21 | 9,501 | 0.82 | 0.85320 | 0.74 | 0.08 | | N/A | N/A | 2.887 | N/A | 2.480 | N/A | 2.409 | 2.967 | 2.604 | 3.162 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.656 | 3.214 | N/A | N/A | N/A | N/A |
| Sept 21 | 12,821 | 0.90 | 0.93642 | 0.81 | 0.09 | | N/A | N/A | N/A | 3.528 | 2.563 | N/A | 2.492 | 3.050 | 2.687 | 3.245 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.739 | 3.297 | N/A | N/A | N/A | N/A |
| Nov 21 | 16,778 | 1.31 | 1.36226 | 1.18 | 0.13 | | N/A | N/A | 3.392 | N/A | N/A | N/A | 2.914 | 3.471 | 3.109 | 3.666 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 3.161 | 3.718 | N/A | N/A | N/A | N/A |
| Jan 22 | 12,092 | 1.58 | 1.64224 | 1.47 | 0.11 | | N/A | N/A | N/A | N/A | 3.257 | N/A | 3.187 | 3.741 | 3.381 | 3.935 | N/A | 3.633 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 3.432 | 3.986 | 3.096 | N/A | N/A | N/A |
| Mar 22 | 17,227 | 2.30 | 2.38859 | 1.93 | 0.37 | | N/A | N/A | 4.401 | N/A | N/A | N/A | 3.928 | 4.480 | 4.121 | 4.673 | 3.820 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 4.172 | N/A | N/A | N/A | N/A | N/A |
| May 22 | 20,358 | 3.39 | 3.51524 | 3.01 | 0.38 | | N/A | N/A | N/A | N/A | N/A | N/A | 5.037 | 5.583 | 5.228 | 5.774 | 4.931 | 5.477 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 4.948 | N/A | N/A | N/A |
| July 22 | 19,312 | 3.43 | 3.55675 | 3.01 | 0.42 | | N/A | N/A | N/A | N/A | 5.149 | N/A | N/A | 5.626 | 5.271 | 5.817 | 4.974 | 5.520 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.537 | N/A | N/A |
| Sept 22 | 15,202 | 3.78 | 3.91809 | 3.38 | 0.40 | | N/A | N/A | N/A | N/A | N/A | N/A | 5.438 | N/A | 5.629 | 6.174 | 5.332 | 5.877 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.349 | 5.894 | N/A | N/A |
| Nov 22 | 16,930 | 4.70 | 4.86652 | 3.95 | 0.75 | | N/A | N/A | N/A | 7.385 | N/A | N/A | 6.378 | 6.920 | 6.568 | 7.110 | 6.273 | 6.815 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.289 | 6.831 | N/A | N/A |
| Jan 23 | 12,344 | 4.60 | 4.76278 | 3.95 | 0.65 | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.460 | 7.001 | 6.166 | 6.707 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Mar 23 | 11,954 | 4.93 | 5.10307 | 4.28 | 0.65 | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.800 | 7.341 | 6.506 | 7.047 | 6.784 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| May 23 | 7,158 | 4.21 | 4.36187 | 3.31 | 0.90 | | N/A | N/A | N/A | N/A | N/A | N/A | 5.880 | N/A | 6.070 | 6.615 | 5.774 | 6.318 | 6.054 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.076 | N/A |
| July 23 | 8,949 | 5.22 | 5.40084 | 4.42 | 0.80 | | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 7.092 | N/A | 6.798 | 7.337 | 7.076 | 7.614 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 7.098 | N/A |
| **20-Year Debentures** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jan 21 | 50,211 | 1.18 | 1.20277 | 1.08 | 0.10 | | 2.962 | 3.426 | 2.894 | 3.358 | 2.555 | 3.019 | 2.496 | 2.960 | 2.658 | 3.122 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.498 | N/A | 2.702 | N/A | N/A | N/A | N/A |
| Feb 21 | 60,207 | 1.24 | 1.26377 | 1.15 | 0.09 | | 3.024 | N/A | 2.956 | 3.420 | 2.617 | 3.081 | 2.558 | 3.022 | 2.720 | 3.185 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.560 | 3.024 | 2.764 | N/A | N/A | N/A | N/A |
| Mar 21 | 57,071 | 1.52 | 1.54858 | 1.54 | -0.02 | | 3.305 | 3.768 | 3.237 | 3.700 | 2.899 | 3.362 | 2.840 | N/A | 3.002 | 3.465 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 3.045 | N/A | N/A | N/A | N/A |
| April 21 | 59,703 | 1.54 | 1.56902 | 1.64 | -0.10 | | 3.324 | 3.787 | 3.256 | 3.719 | 2.918 | 3.381 | 2.859 | 3.322 | 3.021 | 3.484 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.861 | N/A | 3.064 | 3.527 | N/A | N/A | N/A |
| May 21 | 63,539 | 1.37 | 1.39601 | 1.56 | -0.19 | | 3.152 | N/A | 3.084 | 3.547 | 2.746 | 3.209 | 2.687 | 3.150 | 2.849 | 3.312 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.689 | N/A | 2.892 | N/A | N/A | N/A | N/A |
| June 21 | 70,555 | 1.29 | 1.31461 | 1.49 | -0.20 | | 3.074 | 3.538 | 3.006 | 3.470 | 2.667 | 3.131 | 2.608 | 3.072 | 2.770 | 3.234 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.813 | N/A | N/A | N/A | N/A |
| July 21 | 90,067 | 1.22 | 1.24338 | 1.29 | -0.07 | | 3.003 | N/A | 2.934 | 3.398 | 2.596 | 3.059 | 2.537 | 3.001 | 2.699 | 3.163 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.742 | 3.206 | N/A | N/A | N/A |
| Aug 21 | 68,384 | 1.27 | 1.29425 | 1.20 | 0.07 | | N/A | 3.515 | 2.983 | N/A | 2.645 | 3.108 | 2.586 | 3.049 | 2.748 | 3.211 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.791 | 3.255 | N/A | N/A | N/A |
| Sept 21 | 83,523 | 1.38 | 1.40620 | 1.33 | 0.05 | | 3.164 | 3.627 | 3.096 | N/A | 2.757 | N/A | 2.698 | 3.162 | 2.860 | 3.324 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.903 | 3.367 | N/A | N/A | N/A |
| Oct 21 | 71,529 | 1.54 | 1.56884 | 1.56 | -0.02 | | 3.323 | N/A | 3.255 | 3.718 | 2.917 | 3.380 | 2.859 | 3.321 | 3.021 | 3.483 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 3.063 | N/A | N/A | N/A | N/A |
| Nov 21 | 96,582 | 1.55 | 1.57906 | 1.50 | 0.05 | | 3.335 | N/A | 3.267 | 3.730 | 2.929 | 3.392 | 2.870 | 3.333 | 3.032 | 3.495 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 3.075 | 3.538 | N/A | N/A | N/A |
| Dec 21 | 68,395 | 1.65 | 1.68071 | 1.48 | 0.17 | | 3.435 | N/A | 3.367 | N/A | 3.029 | 3.491 | 2.970 | 3.433 | 3.132 | 3.595 | 2.880 | 3.343 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 3.175 | 3.638 | 2.894 | N/A | N/A |
| Jan 22 | 62,330 | 1.84 | 1.87372 | 1.73 | 0.11 | | 3.624 | N/A | N/A | 4.017 | N/A | N/A | 3.160 | 3.622 | 3.322 | 3.783 | 3.070 | 3.532 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 3.365 | N/A | 3.085 | N/A | N/A |
| Feb 22 | 69,462 | 2.22 | 2.25968 | 1.99 | 0.23 | | N/A | N/A | 3.939 | 4.400 | 3.602 | 4.063 | 3.544 | 4.005 | 3.705 | 4.166 | 3.454 | 3.915 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 3.748 | N/A | 3.469 | 3.929 | N/A | N/A |
| Mar 22 | 75,960 | 2.53 | 2.57423 | 2.00 | 0.53 | | 4.317 | N/A | 4.250 | N/A | 3.914 | N/A | 3.856 | N/A | 4.017 | 4.476 | 3.766 | 4.226 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 4.059 | N/A | 3.780 | N/A | N/A | N/A |
| April 22 | 94,133 | 3.38 | 3.43547 | 2.65 | 0.73 | | N/A | N/A | 5.100 | 5.557 | 4.766 | N/A | 4.709 | N/A | 4.868 | 5.325 | 4.620 | 5.076 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 4.911 | 5.367 | 4.634 | N/A | N/A | N/A |
| May 22 | 81,487 | 3.82 | 3.88065 | 3.04 | 0.78 | | N/A | N/A | 5.539 | N/A | 5.207 | 5.662 | 5.149 | 5.604 | 5.309 | 5.764 | 5.061 | 5.516 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.351 | 5.806 | 5.075 | N/A | N/A | N/A |
| June 22 | 100,238 | 3.89 | 3.95163 | 3.04 | 0.85 | | N/A | N/A | 5.611 | 6.067 | 5.279 | N/A | 5.221 | 5.676 | 5.380 | 5.836 | 5.132 | 5.588 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.423 | N/A | 5.146 | 5.602 | N/A | N/A |
| July 22 | 70,315 | 3.81 | 3.87069 | 2.96 | 0.85 | | 5.597 | N/A | 5.530 | N/A | 5.198 | N/A | 5.140 | 5.595 | 5.299 | 5.755 | 5.051 | 5.507 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.342 | N/A | 5.065 | 5.521 | N/A | N/A |
| Aug 22 | 79,827 | 3.65 | 3.70886 | 2.82 | 0.83 | | 5.439 | N/A | 5.372 | N/A | 5.039 | N/A | 4.981 | 5.437 | 5.141 | 5.597 | 4.892 | 5.349 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.183 | N/A | 4.906 | 5.363 | N/A | N/A |
| Sept 22 | 52,060 | 4.10 | 4.16385 | 3.26 | 0.84 | | N/A | N/A | N/A | N/A | 5.489 | N/A | 5.431 | N/A | 5.590 | 6.045 | 5.343 | 5.797 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.357 | 5.811 | N/A | N/A |
| Oct 22 | 50,244 | 4.89 | 4.96167 | 3.84 | 1.05 | | N/A | N/A | 6.610 | N/A | 6.279 | N/A | 6.222 | N/A | 6.380 | 6.832 | 6.134 | 6.586 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.148 | N/A | N/A | N/A |
| Nov 22 | 51,598 | 4.98 | 5.05266 | 3.83 | 1.15 | | N/A | N/A | 6.702 | N/A | N/A | N/A | 6.314 | 6.766 | 6.472 | 6.925 | 6.226 | 6.678 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.240 | N/A | N/A | N/A |
| Dec 22 | 40,251 | 4.56 | 4.62866 | 3.46 | 1.10 | | 6.348 | N/A | N/A | N/A | 5.950 | N/A | 5.892 | N/A | 6.051 | 6.504 | 5.804 | 6.258 | 6.037 | 6.491 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.818 | N/A | N/A | N/A |
| Jan 23 | 44,014 | 4.81 | 4.88083 | 3.76 | 1.05 | | N/A | N/A | 6.529 | N/A | 6.199 | N/A | 6.142 | N/A | 6.300 | 6.752 | 6.054 | 6.506 | 6.286 | 6.739 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.067 | N/A | N/A | 6.757 |
| Feb 23 | 32,971 | 4.51 | 4.57813 | 3.61 | 0.90 | | N/A | N/A | N/A | N/A | N/A | 6.354 | 5.843 | 6.296 | 6.001 | 6.455 | 5.754 | 6.208 | 5.988 | 6.441 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.768 | N/A | N/A | N/A |
| Mar 23 | 39,763 | 4.86 | 4.93163 | 3.96 | 0.90 | | N/A | N/A | N/A | N/A | 6.251 | N/A | 6.193 | N/A | 6.352 | 6.804 | 6.105 | 6.558 | 6.338 | 6.791 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.119 | N/A | N/A | N/A |
| April 23 | 31,246 | 4.48 | 4.54767 | 3.28 | 1.20 | | N/A | N/A | 6.200 | N/A | N/A | N/A | 5.811 | 6.265 | 5.970 | 6.423 | 5.723 | 6.176 | 5.956 | 6.410 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.975 | N/A |
| May 23 | 41,147 | 4.60 | 4.66912 | 3.37 | 1.23 | | N/A | N/A | N/A | N/A | N/A | 6.445 | 5.934 | N/A | 6.092 | 6.546 | 5.845 | 6.299 | 6.079 | 6.532 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.097 | N/A |
| June 23 | 28,602 | 4.91 | 4.98196 | 3.75 | 1.16 | | N/A | N/A | N/A | N/A | N/A | N/A | 6.243 | N/A | 6.401 | N/A | 6.155 | 6.607 | 6.388 | 6.840 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.169 | N/A | N/A | N/A |
| July 23 | 38,290 | 5.16 | 5.23405 | 4.06 | 1.10 | | N/A | N/A | N/A | N/A | N/A | N/A | 6.492 | N/A | 6.650 | 7.102 | 6.405 | 6.856 | 6.637 | 7.088 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.655 | N/A |
| Aug 23 | 26,140 | 5.13 | 5.20398 | 4.00 | 1.13 | | N/A | N/A | N/A | N/A | 6.521 | N/A | 6.464 | N/A | 6.622 | N/A | 6.376 | 6.828 | 6.609 | 7.061 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.842 | 6.627 | N/A |
| **25-Year Debentures** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Jan 21 | 239,266 | 1.28 | 1.29911 | 1.08 | 0.20 | | N/A | N/A | 2.922 | 3.367 | 2.597 | 3.042 | 2.540 | 2.985 | 2.696 | 3.141 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.542 | 2.987 | 2.737 | 3.182 | N/A | N/A | N/A | N/A |
| Feb 21 | 355,019 | 1.34 | 1.36001 | 1.15 | 0.19 | | N/A | N/A | 2.983 | 3.429 | 2.658 | 3.103 | 2.602 | 3.047 | 2.757 | 3.203 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.603 | 3.049 | 2.799 | 3.244 | N/A | N/A | N/A | N/A |
| Mar 21 | 287,904 | 1.63 | 1.65364 | 1.54 | 0.09 | | N/A | N/A | 3.274 | N/A | 2.949 | 3.393 | 2.893 | 3.337 | 3.048 | 3.492 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.894 | N/A | 3.089 | N/A | N/A | N/A | N/A | N/A |
| April 21 | 382,679 | 1.66 | 1.68402 | 1.64 | 0.02 | | N/A | N/A | 3.303 | 3.747 | 2.978 | 3.422 | 2.922 | 3.366 | 3.077 | 3.521 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.924 | 3.368 | 3.118 | 3.562 | N/A | N/A | N/A | N/A |
| May 21 | 406,692 | 1.52 | 1.54221 | 1.56 | -0.04 | | N/A | N/A | 3.162 | N/A | 2.837 | 3.281 | 2.781 | 3.225 | 2.936 | 3.380 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.783 | N/A | 2.977 | 3.422 | N/A | N/A | N/A | N/A |
| June 21 | 494,897 | 1.47 | 1.49161 | 1.49 | -0.02 | | N/A | N/A | 3.113 | N/A | 2.788 | 3.233 | 2.732 | 3.177 | 2.887 | 3.332 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.734 | N/A | 2.929 | 3.374 | N/A | N/A | N/A | N/A |
| July 21 | 392,288 | 1.40 | 1.42068 | 1.29 | 0.11 | | N/A | N/A | 3.042 | N/A | 2.717 | 3.162 | 2.661 | 3.106 | 2.817 | 3.261 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.663 | N/A | 2.858 | 3.303 | N/A | N/A | N/A | N/A |
| Aug 21 | 396,375 | 1.45 | 1.47133 | 1.20 | 0.25 | | N/A | N/A | 3.091 | 3.536 | 2.767 | 3.211 | 2.710 | 3.155 | 2.866 | 3.310 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 2.712 | N/A | 2.907 | 3.351 | N/A | N/A | N/A | N/A |
| Sept 21 | 538,794 | 1.56 | 1.58273 | 1.33 | 0.23 | | N/A | N/A | 3.203 | N/A | 2.878 | 3.323 | 2.822 | 3.266 | 2.977 | 3.422 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 3.268 | 3.019 | 3.463 | N/A | N/A | N/A | N/A |
| Oct 21 | 408,179 | 1.74 | 1.76496 | 1.56 | 0.18 | | N/A | N/A | 3.382 | 3.826 | 3.058 | 3.502 | 3.002 | 3.445 | 3.157 | 3.601 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 3.198 | 3.642 | N/A | N/A | N/A | N/A |
| Nov 21 | 517,789 | 1.75 | 1.77517 | 1.50 | 0.25 | | N/A | N/A | 3.394 | 3.838 | 3.069 | 3.513 | 3.013 | 3.457 | 3.168 | 3.612 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 3.015 | N/A | 3.210 | 3.654 | N/A | N/A | N/A | N/A |
| Dec 21 | 435,708 | 1.85 | 1.87631 | 1.48 | 0.37 | | N/A | N/A | N/A | N/A | 3.169 | 3.612 | 3.113 | 3.556 | 3.268 | 3.711 | 3.026 | 3.470 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 3.115 | N/A | 3.309 | 3.753 | 3.040 | N/A | N/A | N/A |
| Jan 22 | 376,608 | 2.04 | 2.06849 | 1.73 | 0.31 | | N/A | N/A | 3.682 | 4.125 | 3.358 | 3.801 | 3.302 | 3.745 | 3.457 | 3.900 | 3.216 | 3.659 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 3.304 | N/A | 3.498 | 3.941 | 3.230 | 3.672 | N/A | N/A |
| Feb 22 | 453,820 | 2.42 | 2.45266 | 1.99 | 0.43 | | N/A | N/A | 4.063 | N/A | 3.740 | 4.182 | 3.684 | 4.126 | 3.839 | 4.281 | 3.598 | 4.040 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 3.880 | 4.322 | 3.612 | 4.054 | N/A | N/A |
| Mar 22 | 518,023 | 2.75 | 2.78601 | 2.00 | 0.75 | | N/A | N/A | N/A | 4.834 | 4.071 | 4.512 | 4.015 | 4.456 | 4.169 | 4.610 | 3.929 | 4.370 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 4.210 | 4.651 | 3.943 | 4.384 | N/A | N/A |
| April 22 | 530,747 | 3.50 | 3.54268 | 2.65 | 0.85 | | N/A | N/A | N/A | N/A | 4.821 | 5.259 | 4.765 | 5.203 | 4.918 | 5.357 | 4.680 | 5.118 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 4.959 | 5.398 | 4.693 | 5.132 | N/A | N/A |
| May 22 | 582,785 | 3.94 | 3.98600 | 3.04 | 0.90 | | N/A | N/A | 5.579 | N/A | 5.260 | 5.697 | 5.204 | 5.642 | 5.357 | 5.794 | 5.119 | 5.556 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.206 | N/A | 5.398 | N/A | 5.133 | 5.570 | N/A | N/A |
| June 22 | 720,567 | 4.01 | 4.05664 | 3.04 | 0.97 | | N/A | N/A | 5.651 | N/A | 5.331 | 5.768 | 5.276 | 5.713 | 5.429 | 5.866 | 5.191 | 5.628 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.469 | 5.907 | 5.204 | 5.641 | N/A | N/A |
| July 22 | 507,976 | 3.93 | 3.97598 | 2.96 | 0.97 | | N/A | N/A | N/A | N/A | 5.250 | 5.688 | 5.195 | 5.632 | 5.348 | 5.785 | 5.110 | 5.547 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.389 | N/A | 5.123 | 5.561 | N/A | N/A |
| Aug 22 | 612,245 | 3.80 | 3.84514 | 2.82 | 0.98 | | N/A | N/A | 5.442 | N/A | 5.122 | 5.560 | 5.066 | 5.504 | 5.219 | 5.658 | 4.981 | 5.419 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.260 | N/A | 4.994 | 5.432 | N/A | N/A |
| Sept 22 | 468,908 | 4.26 | 4.30832 | 3.26 | 1.00 | | N/A | N/A | N/A | N/A | 5.581 | 6.017 | 5.525 | 5.962 | 5.678 | 6.115 | 5.440 | 5.877 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.719 | N/A | 5.454 | 5.890 | N/A | N/A |
| Oct 22 | 409,101 | 5.04 | 5.09293 | 3.84 | 1.20 | | N/A | N/A | 6.676 | N/A | 6.359 | N/A | 6.304 | 6.738 | 6.456 | 6.890 | 6.219 | 6.654 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.496 | N/A | 6.233 | 6.667 | N/A | N/A |
| Nov 22 | 571,696 | 5.13 | 5.18356 | 3.83 | 1.30 | | N/A | N/A | 6.768 | N/A | 6.450 | 6.885 | 6.395 | 6.830 | 6.547 | 6.982 | 6.311 | 6.745 | 6.534 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.324 | 6.758 | N/A | N/A |
| Dec 22 | 443,896 | 4.71 | 4.76114 | 3.46 | 1.25 | | N/A | N/A | 6.348 | N/A | 6.030 | 6.466 | 5.975 | N/A | 6.127 | 6.563 | 5.890 | 6.326 | 6.114 | 6.550 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.904 | 6.339 | 6.132 | 6.568 |
| Jan 23 | 377,944 | 4.91 | 4.96213 | 3.76 | 1.15 | | N/A | N/A | 6.546 | N/A | 6.229 | N/A | 6.174 | 6.608 | 6.326 | 6.760 | 6.089 | 6.524 | 6.313 | 6.748 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.103 | 6.537 | 6.331 | 6.765 |
| Feb 23 | 450,049 | 4.61 | 4.66058 | 3.61 | 1.00 | | N/A | N/A | 6.249 | N/A | 5.931 | 6.366 | 5.875 | 6.311 | 6.028 | 6.464 | 5.791 | 6.226 | 6.015 | 6.451 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.804 | 6.240 | 6.033 | 6.468 |
| Mar 23 | 380,982 | 4.93 | 4.98242 | 3.96 | 0.97 | | N/A | N/A | N/A | N/A | 6.250 | N/A | 6.195 | 6.630 | 6.347 | 6.782 | 6.110 | 6.545 | 6.334 | 6.769 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.124 | 6.559 | 6.352 | 6.787 |
| April 23 | 374,081 | 4.48 | 4.52967 | 3.28 | 1.20 | | N/A | N/A | N/A | N/A | 5.800 | 6.236 | 5.745 | N/A | 5.897 | 6.333 | 5.660 | 6.096 | 5.884 | 6.320 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.673 | 6.109 | 5.902 | N/A |
| May 23 | 461,381 | 4.62 | 4.67075 | 3.37 | 1.25 | | N/A | N/A | N/A | 6.696 | 5.941 | 6.377 | 5.886 | 6.322 | 6.039 | 6.474 | 5.801 | 6.237 | 6.026 | 6.461 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 5.815 | 6.250 | 6.043 | 6.479 |
| June 23 | 333,572 | 4.93 | 4.98238 | 3.75 | 1.18 | | N/A | N/A | N/A | N/A | 6.250 | 6.685 | 6.195 | N/A | 6.347 | 6.782 | 6.110 | 6.545 | 6.334 | 6.769 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.123 | N/A | 6.352 | 6.787 |
| July 23 | 313,750 | 5.18 | 5.23359 | 4.06 | 1.12 | | N/A | N/A | N/A | N/A | 6.499 | 6.933 | 6.444 | 6.878 | 6.596 | 7.030 | 6.359 | 6.793 | 6.583 | 7.017 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.373 | N/A | 6.601 | N/A |
| Aug 23 | 407,266 | 5.15 | 5.20364 | 4.00 | 1.15 | | N/A | N/A | N/A | N/A | 6.470 | N/A | 6.415 | N/A | 6.567 | 7.002 | 6.331 | 6.765 | 6.554 | 6.989 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | 6.344 | 6.778 | 6.572 | 7.007 |