

State Universities Retirement System

Money Purchase Conversion Factors

To be used in converting money purchase balance to monthly annuity benefit

Factors based on life annuity and 0% cost of living increases

Based on Recommendations from Experience Study for the Period June 30, 2020, through June 30, 2023

Based on Interest Rate of 6.50%, Pub-2010 Healthy Retiree mortality table for General Employees (base tables), sex distinct, with rates multiplied by 90% for males and 95% for females and generational mortality improvement with base table rates projected forward from 2010 using the MP-2021 projection scale and birth year based on age in 2027

Mortality rates blended 45% Male and 55% Female

| Age Years | Completed Months | | | | | | | | | | | |
|--------------|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| 20 | 187.332 | 187.313 | 187.294 | 187.275 | 187.255 | 187.236 | 187.217 | 187.198 | 187.179 | 187.160 | 187.140 | 187.121 |
| 21 | 187.102 | 187.081 | 187.061 | 187.040 | 187.019 | 186.999 | 186.978 | 186.957 | 186.937 | 186.916 | 186.895 | 186.875 |
| 22 | 186.854 | 186.832 | 186.809 | 186.787 | 186.765 | 186.742 | 186.720 | 186.698 | 186.675 | 186.653 | 186.631 | 186.608 |
| 23 | 186.586 | 186.562 | 186.538 | 186.514 | 186.490 | 186.466 | 186.442 | 186.417 | 186.393 | 186.369 | 186.345 | 186.321 |
| 24 | 186.297 | 186.271 | 186.245 | 186.219 | 186.193 | 186.167 | 186.141 | 186.114 | 186.088 | 186.062 | 186.036 | 186.010 |
| 25 | 185.984 | 185.956 | 185.928 | 185.901 | 185.873 | 185.845 | 185.817 | 185.789 | 185.761 | 185.734 | 185.706 | 185.678 |
| 26 | 185.650 | 185.621 | 185.591 | 185.562 | 185.532 | 185.503 | 185.473 | 185.444 | 185.414 | 185.385 | 185.355 | 185.326 |
| 27 | 185.296 | 185.265 | 185.234 | 185.202 | 185.171 | 185.140 | 185.109 | 185.077 | 185.046 | 185.015 | 184.984 | 184.952 |
| 28 | 184.921 | 184.888 | 184.855 | 184.822 | 184.788 | 184.755 | 184.722 | 184.689 | 184.656 | 184.623 | 184.589 | 184.556 |
| 29 | 184.523 | 184.488 | 184.453 | 184.418 | 184.382 | 184.347 | 184.312 | 184.277 | 184.242 | 184.207 | 184.171 | 184.136 |
| 30 | 184.101 | 184.064 | 184.027 | 183.990 | 183.952 | 183.915 | 183.878 | 183.841 | 183.804 | 183.767 | 183.729 | 183.692 |
| 31 | 183.655 | 183.616 | 183.576 | 183.537 | 183.497 | 183.458 | 183.419 | 183.379 | 183.340 | 183.300 | 183.261 | 183.221 |
| 32 | 183.182 | 183.140 | 183.099 | 183.057 | 183.015 | 182.974 | 182.932 | 182.890 | 182.849 | 182.807 | 182.765 | 182.724 |
| 33 | 182.682 | 182.638 | 182.593 | 182.549 | 182.505 | 182.460 | 182.416 | 182.372 | 182.327 | 182.283 | 182.239 | 182.194 |
| 34 | 182.150 | 182.103 | 182.056 | 182.009 | 181.962 | 181.915 | 181.869 | 181.822 | 181.775 | 181.728 | 181.681 | 181.634 |
| 35 | 181.587 | 181.537 | 181.488 | 181.438 | 181.388 | 181.338 | 181.289 | 181.239 | 181.189 | 181.139 | 181.090 | 181.040 |
| 36 | 180.990 | 180.937 | 180.884 | 180.831 | 180.778 | 180.725 | 180.673 | 180.620 | 180.567 | 180.514 | 180.461 | 180.408 |
| 37 | 180.355 | 180.299 | 180.243 | 180.187 | 180.130 | 180.074 | 180.018 | 179.962 | 179.906 | 179.850 | 179.793 | 179.737 |
| 38 | 179.681 | 179.621 | 179.562 | 179.502 | 179.442 | 179.382 | 179.323 | 179.263 | 179.203 | 179.143 | 179.084 | 179.024 |
| 39 | 178.964 | 178.900 | 178.837 | 178.773 | 178.710 | 178.646 | 178.583 | 178.519 | 178.455 | 178.392 | 178.328 | 178.265 |
| 40 | 178.201 | 178.133 | 178.066 | 177.998 | 177.930 | 177.862 | 177.795 | 177.727 | 177.659 | 177.591 | 177.524 | 177.456 |
| 41 | 177.388 | 177.316 | 177.244 | 177.172 | 177.099 | 177.027 | 176.955 | 176.883 | 176.811 | 176.739 | 176.666 | 176.594 |
| 42 | 176.522 | 176.445 | 176.368 | 176.291 | 176.214 | 176.137 | 176.060 | 175.983 | 175.906 | 175.829 | 175.752 | 175.675 |
| 43 | 175.598 | 175.516 | 175.434 | 175.352 | 175.270 | 175.188 | 175.106 | 175.024 | 174.942 | 174.860 | 174.778 | 174.696 |
| 44 | 174.614 | 174.527 | 174.439 | 174.352 | 174.264 | 174.177 | 174.089 | 174.002 | 173.914 | 173.827 | 173.739 | 173.652 |
| 45 | 173.564 | 173.472 | 173.381 | 173.289 | 173.197 | 173.106 | 173.014 | 172.922 | 172.831 | 172.739 | 172.647 | 172.556 |
| 46 | 172.464 | 172.368 | 172.273 | 172.177 | 172.081 | 171.985 | 171.890 | 171.794 | 171.698 | 171.602 | 171.507 | 171.411 |
| 47 | 171.315 | 171.216 | 171.116 | 171.017 | 170.917 | 170.818 | 170.718 | 170.619 | 170.519 | 170.420 | 170.320 | 170.221 |
| 48 | 170.121 | 170.018 | 169.915 | 169.813 | 169.710 | 169.607 | 169.504 | 169.401 | 169.298 | 169.196 | 169.093 | 168.990 |
| 49 | 168.887 | 168.781 | 168.676 | 168.570 | 168.464 | 168.359 | 168.253 | 168.147 | 168.042 | 167.936 | 167.830 | 167.725 |
| 50 | 167.619 | 167.512 | 167.405 | 167.297 | 167.190 | 167.083 | 166.976 | 166.868 | 166.761 | 166.654 | 166.547 | 166.440 |
| 51 | 166.332 | 166.219 | 166.106 | 165.992 | 165.879 | 165.766 | 165.653 | 165.539 | 165.426 | 165.313 | 165.200 | 165.086 |
| 52 | 164.973 | 164.854 | 164.735 | 164.615 | 164.496 | 164.377 | 164.258 | 164.138 | 164.019 | 163.900 | 163.781 | 163.661 |
| 53 | 163.542 | 163.417 | 163.291 | 163.166 | 163.040 | 162.915 | 162.789 | 162.664 | 162.538 | 162.413 | 162.287 | 162.162 |
| 54 | 162.036 | 161.904 | 161.772 | 161.640 | 161.508 | 161.376 | 161.245 | 161.113 | 160.981 | 160.849 | 160.717 | 160.585 |
| 55 | 160.453 | 160.315 | 160.176 | 160.038 | 159.899 | 159.761 | 159.622 | 159.484 | 159.345 | 159.207 | 159.068 | 158.930 |
| 56 | 158.791 | 158.646 | 158.500 | 158.355 | 158.210 | 158.064 | 157.919 | 157.774 | 157.628 | 157.483 | 157.338 | 157.192 |
| 57 | 157.047 | 156.895 | 156.742 | 156.590 | 156.437 | 156.285 | 156.133 | 155.980 | 155.828 | 155.675 | 155.523 | 155.370 |
| 58 | 155.218 | 155.058 | 154.899 | 154.739 | 154.579 | 154.419 | 154.260 | 154.100 | 153.940 | 153.780 | 153.621 | 153.461 |
| 59 | 153.301 | 153.134 | 152.966 | 152.799 | 152.632 | 152.464 | 152.297 | 152.130 | 151.962 | 151.795 | 151.628 | 151.460 |
| 60 | 151.293 | 151.118 | 150.942 | 150.767 | 150.591 | 150.416 | 150.241 | 150.065 | 149.890 | 149.714 | 149.539 | 149.363 |
| 61 | 149.188 | 149.004 | 148.821 | 148.637 | 148.454 | 148.270 | 148.087 | 147.903 | 147.719 | 147.536 | 147.352 | 147.169 |
| 62 | 146.985 | 146.793 | 146.601 | 146.409 | 146.216 | 146.024 | 145.832 | 145.640 | 145.448 | 145.256 | 145.063 | 144.871 |
| 63 | 144.679 | 144.478 | 144.277 | 144.077 | 143.876 | 143.675 | 143.474 | 143.273 | 143.072 | 142.872 | 142.671 | 142.470 |
| 64 | 142.269 | 142.059 | 141.849 | 141.639 | 141.429 | 141.219 | 141.009 | 140.798 | 140.588 | 140.378 | 140.168 | 139.958 |
| 65 | 139.748 | 139.529 | 139.309 | 139.090 | 138.871 | 138.651 | 138.432 | 138.213 | 137.993 | 137.774 | 137.555 | 137.335 |
| 66 | 137.116 | 136.887 | 136.659 | 136.430 | 136.201 | 135.972 | 135.744 | 135.515 | 135.286 | 135.057 | 134.828 | 134.600 |
| 67 | 134.371 | 134.133 | 133.895 | 133.656 | 133.418 | 133.180 | 132.942 | 132.703 | 132.465 | 132.227 | 131.989 | 131.750 |
| 68 | 131.512 | 131.264 | 131.017 | 130.769 | 130.522 | 130.274 | 130.027 | 129.779 | 129.531 | 129.284 | 129.036 | 128.789 |
| 69 | 128.541 | 128.284 | 128.027 | 127.771 | 127.514 | 127.257 | 127.000 | 126.743 | 126.486 | 126.230 | 125.973 | 125.716 |
| 70 | 125.459 | 125.193 | 124.927 | 124.661 | 124.395 | 124.129 | 123.863 | 123.597 | 123.331 | 123.065 | 122.799 | 122.533 |
| 71 | 122.267 | 121.992 | 121.718 | 121.443 | 121.168 | 120.894 | 120.619 | 120.344 | 120.070 | 119.795 | 119.520 | 119.246 |
| 72 | 118.971 | 118.688 | 118.405 | 118.122 | 117.839 | 117.556 | 117.273 | 116.989 | 116.706 | 116.423 | 116.140 | 115.857 |
| 73 | 115.574 | 115.283 | 114.992 | 114.701 | 114.410 | 114.119 | 113.828 | 113.536 | 113.245 | 112.954 | 112.663 | 112.372 |
| 74 | 112.081 | 111.783 | 111.484 | 111.186 | 110.887 | 110.589 | 110.290 | 109.992 | 109.693 | 109.395 | 109.096 | 108.798 |
| 75 | 108.499 | 108.194 | 107.888 | 107.583 | 107.277 | 106.972 | 106.667 | 106.361 | 106.056 | 105.750 | 105.445 | 105.139 |
| 76 | 104.834 | 104.523 | 104.211 | 103.900 | 103.588 | 103.277 | 102.965 | 102.654 | 102.342 | 102.031 | 101.719 | 101.408 |
| 77 | 101.096 | 100.779 | 100.462 | 100.146 | 99.829 | 99.512 | 99.195 | 98.878 | 98.561 | 98.245 | 97.928 | 97.611 |
| 78 | 97.294 | 96.973 | 96.652 | 96.331 | 96.009 | 95.688 | 95.367 | 95.046 | 94.725 | 94.404 | 94.082 | 93.761 |
| 79 | 93.440 | 93.116 | 92.792 | 92.467 | 92.143 | 91.819 | 91.495 | 91.170 | 90.846 | 90.522 | 90.198 | 89.873 |
| 80 | 89.549 | 89.223 | 88.897 | 88.571 | 88.245 | 87.919 | 87.593 | 87.267 | 86.941 | 86.615 | 86.289 | 85.963 |
| 81 | 85.637 | 85.311 | 84.985 | 84.659 | 84.333 | 84.007 | 83.682 | 83.356 | 83.030 | 82.704 | 82.378 | 82.052 |
| 82 | 81.726 | 81.402 | 81.078 | 80.754 | 80.430 | 80.106 | 79.783 | 79.459 | 79.135 | 78.811 | 78.487 | 78.163 |
| 83 | 77.839 | 77.519 | 77.198 | 76.878 | 76.558 | 76.237 | 75.917 | 75.597 | 75.276 | 74.956 | 74.636 | 74.315 |
| 84 | 73.995 | 73.680 | 73.365 | 73.051 | 72.736 | 72.421 | 72.106 | 71.791 | 71.476 | 71.162 | 70.847 | 70.532 |
| 85 | 70.217 | 69.910 | 69.602 | 69.295 | 68.988 | 68.680 | 68.373 | 68.066 | 67.758 | 67.451 | 67.144 | 66.836 |
| 86 | 66.529 | 66.231 | 65.932 | 65.634 | 65.335 | 65.037 | 64.739 | 64.440 | 64.142 | 63.843 | 63.545 | 63.246 |
| 87 | 62.948 | 62.660 | 62.373 | 62.085 | 61.798 | 61.510 | 61.223 | 60.935 | 60.647 | 60.360 | 60.072 | 59.785 |
| 88 | 59.497 | 59.222 | 58.947 | 58.671 | 58.396 | 58.121 | 57.846 | 57.570 | 57.295 | 57.020 | 56.745 | 56.469 |
| 89 | 56.194 | 55.933 | 55.671 | 55.410 | 55.148 | 54.887 | 54.625 | 54.364 | 54.102 | 53.841 | 53.579 | 53.318 |
| 90 | 53.056 | 52.809 | 52.562 | 52.315 | 52.067 | 51.820 | 51.573 | 51.326 | 51.079 | 50.832 | 50.584 | 50.337 |
| 91 | 50.090 | 49.857 | 49.625 | 49.392 | 49.159 | 48.927 | 48.694 | 48.461 | 48.229 | 47.996 | 47.763 | 47.531 |
| 92 | 47.298 | 47.079 | 46.860 | 46.641 | 46.421 | 46.202 | 45.983 | 45.764 | 45.545 | 45.326 | 45.106 | 44.887 |
| 93 | 44.668 | 44.461 | 44.255 | 44.048 | 43.841 | 43.634 | 43.428 | 43.221 | 43.014 | 42.807 | 42.601 | 42.394 |
| 94 | 42.187 | 41.991 | 41.796 | 41.600 | 41.404 | 41.208 | 41.013 | 40.817 | 40.621 | 40.425 | 40.230 | 40.034 |
| 95 | 39.838 | 39.651 | 39.465 | 39.278 | 39.091 | 38.905 | 38.718 | 38.531 | 38.345 | 38.158 | 37.971 | 37.785 |
| 96 | 37.598 | 37.422 | 37.247 | 37.071 | 36.895 | 36.719 | 36.544 | 36.368 | 36. | | | |

