**Section 1412.APPENDIX A 2001 CSO Mortality Tables**

**Section 1412.ILLUSTRATION O Blended 80% Male, 20% Female Composite Select & Ultimate Age Nearest Birthday**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Blended 80% Male, 20% Female Composite Select & Ultimate Age Nearest Birthday | | | | | | | | | | | | |  |
| Issue Age | Duration | | | | | | | | | | | | |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | con't |
| 0 | 0.87 | 0.52 | 0.36 | 0.26 | 0.21 | 0.20 | 0.21 | 0.22 | 0.22 | 0.23 | 0.23 | 0.26 | 0.32 | con't |
| 1 | 0.45 | 0.34 | 0.25 | 0.21 | 0.20 | 0.20 | 0.22 | 0.22 | 0.22 | 0.23 | 0.24 | 0.29 | 0.34 | con't |
| 2 | 0.33 | 0.25 | 0.21 | 0.20 | 0.20 | 0.21 | 0.22 | 0.22 | 0.22 | 0.22 | 0.26 | 0.32 | 0.36 | con't |
| 3 | 0.23 | 0.20 | 0.19 | 0.20 | 0.21 | 0.21 | 0.22 | 0.22 | 0.22 | 0.25 | 0.30 | 0.35 | 0.45 | con't |
| 4 | 0.20 | 0.19 | 0.19 | 0.21 | 0.21 | 0.21 | 0.22 | 0.22 | 0.25 | 0.30 | 0.35 | 0.44 | 0.60 | con't |
| 5 | 0.19 | 0.19 | 0.20 | 0.21 | 0.21 | 0.21 | 0.22 | 0.24 | 0.29 | 0.34 | 0.44 | 0.59 | 0.70 | con't |
| 6 | 0.19 | 0.20 | 0.20 | 0.21 | 0.21 | 0.21 | 0.24 | 0.29 | 0.33 | 0.44 | 0.59 | 0.70 | 0.78 | con't |
| 7 | 0.20 | 0.20 | 0.20 | 0.21 | 0.20 | 0.24 | 0.28 | 0.33 | 0.43 | 0.59 | 0.70 | 0.78 | 0.84 | con't |
| 8 | 0.20 | 0.20 | 0.20 | 0.20 | 0.23 | 0.27 | 0.32 | 0.43 | 0.58 | 0.70 | 0.78 | 0.83 | 0.86 | con't |
| 9 | 0.20 | 0.20 | 0.20 | 0.23 | 0.26 | 0.32 | 0.42 | 0.58 | 0.70 | 0.77 | 0.83 | 0.86 | 0.88 | con't |
| 10 | 0.20 | 0.20 | 0.22 | 0.26 | 0.31 | 0.41 | 0.58 | 0.69 | 0.77 | 0.83 | 0.85 | 0.87 | 0.88 | con't |
| 11 | 0.20 | 0.22 | 0.25 | 0.30 | 0.40 | 0.58 | 0.69 | 0.77 | 0.82 | 0.85 | 0.86 | 0.87 | 0.87 | con't |
| 12 | 0.21 | 0.24 | 0.30 | 0.39 | 0.58 | 0.69 | 0.77 | 0.82 | 0.84 | 0.85 | 0.86 | 0.86 | 0.89 | con't |
| 13 | 0.23 | 0.30 | 0.38 | 0.58 | 0.69 | 0.77 | 0.81 | 0.83 | 0.84 | 0.85 | 0.85 | 0.88 | 0.90 | con't |
| 14 | 0.29 | 0.38 | 0.58 | 0.69 | 0.77 | 0.80 | 0.82 | 0.83 | 0.84 | 0.83 | 0.86 | 0.89 | 0.94 | con't |
| 15 | 0.37 | 0.58 | 0.69 | 0.77 | 0.80 | 0.80 | 0.82 | 0.83 | 0.82 | 0.85 | 0.88 | 0.92 | 0.97 | con't |
| 16 | 0.58 | 0.69 | 0.77 | 0.79 | 0.80 | 0.81 | 0.82 | 0.81 | 0.84 | 0.86 | 0.90 | 0.95 | 0.97 | con't |
| 17 | 0.69 | 0.77 | 0.79 | 0.79 | 0.80 | 0.82 | 0.81 | 0.83 | 0.85 | 0.88 | 0.92 | 0.95 | 0.97 | con't |
| 18 | 0.76 | 0.78 | 0.78 | 0.79 | 0.80 | 0.79 | 0.81 | 0.83 | 0.87 | 0.89 | 0.91 | 0.94 | 0.97 | con't |
| 19 | 0.75 | 0.75 | 0.76 | 0.77 | 0.77 | 0.79 | 0.80 | 0.84 | 0.87 | 0.88 | 0.90 | 0.92 | 0.96 | con't |
| 20 | 0.71 | 0.72 | 0.74 | 0.73 | 0.74 | 0.77 | 0.80 | 0.82 | 0.84 | 0.86 | 0.88 | 0.92 | 0.96 | con't |
| 21 | 0.67 | 0.68 | 0.68 | 0.69 | 0.72 | 0.74 | 0.78 | 0.79 | 0.82 | 0.84 | 0.88 | 0.93 | 0.97 | con't |
| 22 | 0.63 | 0.63 | 0.64 | 0.67 | 0.70 | 0.73 | 0.75 | 0.77 | 0.80 | 0.85 | 0.89 | 0.93 | 0.99 | con't |
| 23 | 0.57 | 0.59 | 0.61 | 0.65 | 0.69 | 0.72 | 0.74 | 0.77 | 0.81 | 0.86 | 0.90 | 0.96 | 1.04 | con't |
| 24 | 0.52 | 0.55 | 0.60 | 0.65 | 0.69 | 0.72 | 0.75 | 0.79 | 0.84 | 0.88 | 0.94 | 1.00 | 1.09 | con't |
| 25 | 0.46 | 0.52 | 0.59 | 0.66 | 0.70 | 0.73 | 0.77 | 0.81 | 0.86 | 0.93 | 0.99 | 1.07 | 1.15 | con't |
| 26 | 0.44 | 0.52 | 0.60 | 0.68 | 0.72 | 0.75 | 0.80 | 0.85 | 0.90 | 0.97 | 1.05 | 1.13 | 1.24 | con't |
| 27 | 0.43 | 0.53 | 0.62 | 0.69 | 0.74 | 0.79 | 0.84 | 0.90 | 0.96 | 1.05 | 1.12 | 1.22 | 1.33 | con't |
| 28 | 0.44 | 0.55 | 0.64 | 0.71 | 0.78 | 0.82 | 0.88 | 0.94 | 1.02 | 1.10 | 1.22 | 1.33 | 1.46 | con't |
| 29 | 0.45 | 0.56 | 0.66 | 0.74 | 0.82 | 0.87 | 0.93 | 1.01 | 1.08 | 1.21 | 1.32 | 1.45 | 1.59 | con't |
| 30 | 0.45 | 0.57 | 0.67 | 0.76 | 0.85 | 0.92 | 1.00 | 1.07 | 1.18 | 1.30 | 1.42 | 1.55 | 1.70 | con't |
| 31 | 0.45 | 0.58 | 0.68 | 0.78 | 0.88 | 0.98 | 1.06 | 1.16 | 1.25 | 1.37 | 1.50 | 1.65 | 1.86 | con't |
| 32 | 0.46 | 0.58 | 0.69 | 0.80 | 0.91 | 1.00 | 1.12 | 1.21 | 1.31 | 1.43 | 1.58 | 1.79 | 2.05 | con't |
| 33 | 0.49 | 0.61 | 0.72 | 0.84 | 0.95 | 1.07 | 1.18 | 1.28 | 1.39 | 1.51 | 1.69 | 1.94 | 2.24 | con't |
| 34 | 0.52 | 0.63 | 0.77 | 0.88 | 1.01 | 1.13 | 1.26 | 1.37 | 1.48 | 1.64 | 1.86 | 2.13 | 2.43 | con't |
| con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | 1 of 6 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Blended 80% Male, 20% Female Composite Select & Ultimate Age Nearest Birthday | | | | | | | | | | | | |  |
| Issue Age | Duration | | | | | | | | | | | | | Att Age |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | Ultimate |
| 0 | 0.37 | 0.44 | 0.56 | 0.67 | 0.78 | 0.84 | 0.88 | 0.89 | 0.90 | 0.92 | 0.92 | 0.94 | 0.96 | 25 |
| 1 | 0.39 | 0.54 | 0.64 | 0.75 | 0.82 | 0.86 | 0.88 | 0.90 | 0.92 | 0.92 | 0.94 | 0.96 | 1.01 | 26 |
| 2 | 0.45 | 0.62 | 0.72 | 0.80 | 0.85 | 0.88 | 0.90 | 0.92 | 0.92 | 0.94 | 0.96 | 1.00 | 1.06 | 27 |
| 3 | 0.60 | 0.70 | 0.78 | 0.84 | 0.88 | 0.90 | 0.92 | 0.92 | 0.94 | 0.96 | 0.99 | 1.04 | 1.06 | 28 |
| 4 | 0.70 | 0.78 | 0.84 | 0.87 | 0.90 | 0.92 | 0.92 | 0.94 | 0.96 | 0.99 | 1.03 | 1.04 | 1.05 | 29 |
| 5 | 0.78 | 0.84 | 0.87 | 0.90 | 0.92 | 0.92 | 0.94 | 0.96 | 0.99 | 1.01 | 1.02 | 1.03 | 1.05 | 30 |
| 6 | 0.84 | 0.87 | 0.90 | 0.91 | 0.91 | 0.94 | 0.96 | 0.98 | 1.00 | 1.00 | 1.02 | 1.03 | 1.05 | 31 |
| 7 | 0.87 | 0.89 | 0.91 | 0.90 | 0.93 | 0.95 | 0.97 | 0.99 | 1.00 | 1.01 | 1.03 | 1.04 | 1.06 | 32 |
| 8 | 0.88 | 0.90 | 0.89 | 0.92 | 0.94 | 0.97 | 0.99 | 1.00 | 1.01 | 1.03 | 1.04 | 1.06 | 1.08 | 33 |
| 9 | 0.89 | 0.88 | 0.91 | 0.94 | 0.97 | 0.99 | 1.00 | 1.01 | 1.03 | 1.04 | 1.06 | 1.08 | 1.12 | 34 |
| 10 | 0.87 | 0.90 | 0.93 | 0.97 | 0.99 | 1.00 | 1.01 | 1.03 | 1.04 | 1.06 | 1.08 | 1.12 | 1.16 | 35 |
| 11 | 0.89 | 0.92 | 0.96 | 0.98 | 0.99 | 1.01 | 1.03 | 1.04 | 1.06 | 1.08 | 1.12 | 1.16 | 1.23 | 36 |
| 12 | 0.92 | 0.96 | 0.98 | 0.99 | 1.01 | 1.03 | 1.04 | 1.06 | 1.08 | 1.12 | 1.16 | 1.23 | 1.29 | 37 |
| 13 | 0.95 | 0.98 | 0.99 | 1.01 | 1.03 | 1.04 | 1.06 | 1.08 | 1.12 | 1.16 | 1.23 | 1.29 | 1.39 | 38 |
| 14 | 0.98 | 0.99 | 1.01 | 1.03 | 1.04 | 1.06 | 1.08 | 1.12 | 1.16 | 1.23 | 1.29 | 1.39 | 1.48 | 39 |
| 15 | 0.99 | 1.01 | 1.03 | 1.04 | 1.06 | 1.08 | 1.12 | 1.16 | 1.23 | 1.29 | 1.39 | 1.48 | 1.58 | 40 |
| 16 | 1.00 | 1.03 | 1.04 | 1.06 | 1.08 | 1.12 | 1.16 | 1.23 | 1.29 | 1.39 | 1.48 | 1.58 | 1.71 | 41 |
| 17 | 1.00 | 1.02 | 1.04 | 1.08 | 1.12 | 1.16 | 1.23 | 1.29 | 1.39 | 1.48 | 1.58 | 1.71 | 1.86 | 42 |
| 18 | 1.00 | 1.04 | 1.05 | 1.12 | 1.16 | 1.23 | 1.29 | 1.39 | 1.48 | 1.58 | 1.71 | 1.86 | 2.04 | 43 |
| 19 | 1.00 | 1.05 | 1.10 | 1.16 | 1.23 | 1.29 | 1.39 | 1.48 | 1.58 | 1.71 | 1.86 | 2.04 | 2.26 | 44 |
| 20 | 1.02 | 1.10 | 1.16 | 1.23 | 1.29 | 1.39 | 1.48 | 1.58 | 1.71 | 1.86 | 2.04 | 2.26 | 2.49 | 45 |
| 21 | 1.05 | 1.13 | 1.23 | 1.28 | 1.39 | 1.48 | 1.58 | 1.71 | 1.86 | 2.04 | 2.26 | 2.49 | 2.73 | 46 |
| 22 | 1.08 | 1.19 | 1.28 | 1.38 | 1.48 | 1.58 | 1.71 | 1.86 | 2.04 | 2.26 | 2.49 | 2.73 | 2.99 | 47 |
| 23 | 1.13 | 1.24 | 1.37 | 1.47 | 1.58 | 1.71 | 1.86 | 2.04 | 2.26 | 2.49 | 2.73 | 2.99 | 3.16 | 48 |
| 24 | 1.18 | 1.34 | 1.45 | 1.57 | 1.71 | 1.86 | 2.04 | 2.26 | 2.49 | 2.73 | 2.97 | 3.16 | 3.37 | 49 |
| 25 | 1.28 | 1.41 | 1.56 | 1.70 | 1.85 | 2.04 | 2.26 | 2.49 | 2.73 | 2.95 | 3.14 | 3.37 | 3.62 | 50 |
| 26 | 1.37 | 1.52 | 1.69 | 1.85 | 2.03 | 2.26 | 2.49 | 2.73 | 2.94 | 3.14 | 3.37 | 3.62 | 3.93 | 51 |
| 27 | 1.49 | 1.64 | 1.83 | 2.03 | 2.25 | 2.49 | 2.73 | 2.93 | 3.13 | 3.37 | 3.62 | 3.93 | 4.33 | 52 |
| 28 | 1.62 | 1.79 | 2.01 | 2.23 | 2.46 | 2.73 | 2.93 | 3.13 | 3.36 | 3.62 | 3.93 | 4.33 | 4.78 | 53 |
| 29 | 1.75 | 1.96 | 2.21 | 2.46 | 2.71 | 2.92 | 3.13 | 3.36 | 3.62 | 3.92 | 4.33 | 4.78 | 5.33 | 54 |
| 30 | 1.90 | 2.14 | 2.40 | 2.66 | 2.90 | 3.12 | 3.36 | 3.62 | 3.92 | 4.33 | 4.77 | 5.30 | 5.95 | 55 |
| 31 | 2.09 | 2.35 | 2.62 | 2.87 | 3.10 | 3.35 | 3.60 | 3.91 | 4.28 | 4.76 | 5.28 | 5.84 | 6.63 | 56 |
| 32 | 2.31 | 2.59 | 2.85 | 3.09 | 3.34 | 3.60 | 3.90 | 4.28 | 4.75 | 5.27 | 5.81 | 6.46 | 7.35 | 57 |
| 33 | 2.52 | 2.80 | 3.06 | 3.32 | 3.59 | 3.90 | 4.27 | 4.75 | 5.25 | 5.78 | 6.41 | 7.09 | 7.97 | 58 |
| 34 | 2.75 | 3.02 | 3.29 | 3.58 | 3.89 | 4.27 | 4.73 | 5.23 | 5.75 | 6.38 | 7.03 | 7.70 | 8.67 | 59 |
| con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | 2 of 6 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Blended 80% Male, 20% Female Composite Select & Ultimate Age Nearest Birthday | | | | | | | | | | | | |  |
| Issue Age | Duration | | | | | | | | | | | | |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | con't |
| 35 | 0.54 | 0.67 | 0.79 | 0.93 | 1.06 | 1.20 | 1.33 | 1.47 | 1.62 | 1.82 | 2.05 | 2.33 | 2.65 | con't |
| 36 | 0.58 | 0.70 | 0.84 | 0.98 | 1.12 | 1.26 | 1.41 | 1.60 | 1.80 | 2.02 | 2.27 | 2.55 | 2.87 | con't |
| 37 | 0.60 | 0.73 | 0.88 | 1.02 | 1.17 | 1.33 | 1.52 | 1.76 | 1.98 | 2.23 | 2.47 | 2.75 | 3.09 | con't |
| 38 | 0.65 | 0.80 | 0.95 | 1.09 | 1.23 | 1.43 | 1.67 | 1.93 | 2.20 | 2.44 | 2.69 | 2.98 | 3.34 | con't |
| 39 | 0.71 | 0.87 | 1.03 | 1.16 | 1.34 | 1.56 | 1.84 | 2.12 | 2.39 | 2.64 | 2.90 | 3.23 | 3.63 | con't |
| 40 | 0.75 | 0.94 | 1.10 | 1.27 | 1.47 | 1.73 | 2.02 | 2.32 | 2.59 | 2.85 | 3.17 | 3.54 | 3.97 | con't |
| 41 | 0.80 | 1.01 | 1.21 | 1.41 | 1.62 | 1.92 | 2.23 | 2.52 | 2.81 | 3.12 | 3.49 | 3.91 | 4.37 | con't |
| 42 | 0.86 | 1.11 | 1.34 | 1.55 | 1.81 | 2.10 | 2.42 | 2.73 | 3.06 | 3.43 | 3.84 | 4.30 | 4.82 | con't |
| 43 | 0.92 | 1.18 | 1.43 | 1.68 | 1.94 | 2.24 | 2.60 | 2.95 | 3.32 | 3.73 | 4.19 | 4.73 | 5.34 | con't |
| 44 | 0.98 | 1.26 | 1.54 | 1.79 | 2.07 | 2.40 | 2.78 | 3.20 | 3.61 | 4.07 | 4.57 | 5.23 | 5.93 | con't |
| 45 | 1.08 | 1.36 | 1.64 | 1.90 | 2.23 | 2.59 | 3.03 | 3.48 | 3.96 | 4.45 | 5.03 | 5.81 | 6.50 | con't |
| 46 | 1.17 | 1.45 | 1.73 | 2.03 | 2.39 | 2.83 | 3.30 | 3.82 | 4.35 | 4.89 | 5.59 | 6.37 | 7.04 | con't |
| 47 | 1.27 | 1.54 | 1.83 | 2.17 | 2.60 | 3.07 | 3.60 | 4.19 | 4.74 | 5.43 | 6.13 | 6.89 | 7.59 | con't |
| 48 | 1.37 | 1.66 | 1.99 | 2.37 | 2.80 | 3.30 | 3.89 | 4.52 | 5.17 | 5.94 | 6.63 | 7.43 | 8.22 | con't |
| 49 | 1.45 | 1.80 | 2.18 | 2.58 | 3.03 | 3.56 | 4.19 | 4.90 | 5.58 | 6.35 | 7.14 | 8.05 | 9.05 | con't |
| 50 | 1.57 | 1.97 | 2.38 | 2.81 | 3.28 | 3.82 | 4.51 | 5.26 | 5.96 | 6.77 | 7.71 | 8.85 | 10.10 | con't |
| 51 | 1.70 | 2.18 | 2.62 | 3.08 | 3.55 | 4.13 | 4.81 | 5.57 | 6.38 | 7.28 | 8.44 | 9.87 | 11.30 | con't |
| 52 | 1.85 | 2.39 | 2.89 | 3.36 | 3.86 | 4.42 | 5.12 | 5.95 | 6.87 | 7.98 | 9.37 | 11.02 | 12.53 | con't |
| 53 | 1.94 | 2.58 | 3.13 | 3.66 | 4.18 | 4.78 | 5.55 | 6.50 | 7.53 | 8.89 | 10.48 | 12.23 | 13.42 | con't |
| 54 | 2.03 | 2.76 | 3.40 | 3.95 | 4.49 | 5.18 | 6.08 | 7.18 | 8.37 | 9.91 | 11.61 | 13.09 | 14.53 | con't |
| 55 | 2.13 | 2.97 | 3.67 | 4.24 | 4.84 | 5.64 | 6.70 | 7.97 | 9.29 | 10.92 | 12.37 | 14.10 | 15.83 | con't |
| 56 | 2.25 | 3.17 | 3.92 | 4.57 | 5.26 | 6.20 | 7.44 | 8.84 | 10.24 | 11.64 | 13.32 | 15.29 | 17.32 | con't |
| 57 | 2.36 | 3.35 | 4.19 | 4.93 | 5.77 | 6.87 | 8.25 | 9.74 | 11.19 | 12.83 | 14.76 | 16.90 | 19.06 | con't |
| 58 | 2.52 | 3.57 | 4.49 | 5.37 | 6.38 | 7.64 | 9.08 | 10.60 | 12.05 | 13.90 | 16.06 | 18.61 | 21.18 | con't |
| 59 | 2.72 | 3.80 | 4.84 | 5.87 | 7.05 | 8.43 | 9.94 | 11.44 | 12.90 | 14.96 | 17.42 | 20.39 | 23.62 | con't |
| 60 | 2.96 | 4.09 | 5.23 | 6.40 | 7.76 | 9.24 | 10.78 | 12.31 | 13.77 | 16.10 | 18.94 | 22.27 | 26.03 | con't |
| 61 | 3.23 | 4.41 | 5.64 | 6.95 | 8.44 | 10.04 | 11.63 | 13.15 | 14.68 | 17.35 | 20.52 | 24.08 | 27.99 | con't |
| 62 | 3.54 | 4.76 | 6.09 | 7.53 | 9.16 | 10.88 | 12.53 | 14.13 | 15.77 | 18.76 | 22.13 | 25.87 | 30.02 | con't |
| 63 | 3.79 | 5.16 | 6.66 | 8.24 | 9.98 | 11.80 | 13.59 | 15.33 | 17.18 | 20.40 | 23.97 | 27.95 | 32.45 | con't |
| 64 | 4.02 | 5.73 | 7.29 | 9.01 | 10.89 | 12.84 | 14.80 | 16.78 | 18.85 | 22.28 | 26.13 | 30.47 | 35.45 | con't |
| 65 | 4.23 | 6.17 | 7.93 | 9.85 | 11.90 | 14.00 | 16.14 | 18.35 | 20.69 | 24.39 | 28.60 | 33.44 | 39.05 | con't |
| 66 | 4.38 | 6.79 | 8.71 | 10.77 | 13.06 | 15.31 | 17.57 | 19.97 | 22.62 | 26.67 | 31.36 | 36.79 | 43.18 | con't |
| 67 | 4.64 | 7.47 | 9.56 | 11.78 | 14.37 | 16.74 | 19.16 | 21.75 | 24.69 | 29.19 | 34.45 | 40.64 | 47.85 | con't |
| 68 | 5.20 | 8.24 | 10.53 | 12.90 | 15.59 | 18.39 | 21.25 | 24.21 | 27.33 | 32.43 | 38.42 | 45.44 | 53.39 | con't |
| 69 | 5.74 | 9.07 | 11.59 | 14.14 | 16.41 | 20.28 | 23.22 | 26.21 | 29.72 | 35.45 | 42.19 | 49.85 | 58.72 | con't |
| con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | 3 of 6 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Blended 80% Male, 20% Female Composite Select & Ultimate Age Nearest Birthday | | | | | | | | | | | | |  |
| Issue | Duration | | | | | | | | | | | | | Att Age |
| Age | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | Ultimate |
| 35 | 2.96 | 3.26 | 3.56 | 3.89 | 4.27 | 4.71 | 5.20 | 5.72 | 6.33 | 6.98 | 7.64 | 8.35 | 9.49 | 60 |
| 36 | 3.20 | 3.54 | 3.88 | 4.26 | 4.69 | 5.17 | 5.68 | 6.29 | 6.93 | 7.59 | 8.32 | 9.08 | 10.48 | 61 |
| 37 | 3.48 | 3.86 | 4.24 | 4.65 | 5.13 | 5.65 | 6.24 | 6.88 | 7.55 | 8.28 | 9.08 | 10.01 | 11.67 | 62 |
| 38 | 3.75 | 4.19 | 4.62 | 5.11 | 5.61 | 6.21 | 6.84 | 7.50 | 8.25 | 9.07 | 10.01 | 11.19 | 12.98 | 63 |
| 39 | 4.07 | 4.54 | 5.06 | 5.57 | 6.18 | 6.80 | 7.47 | 8.21 | 9.06 | 10.00 | 11.18 | 12.48 | 14.37 | 64 |
| 40 | 4.44 | 4.95 | 5.50 | 6.13 | 6.77 | 7.44 | 8.18 | 9.04 | 10.00 | 11.15 | 12.41 | 13.77 | 15.83 | 65 |
| 41 | 4.88 | 5.46 | 6.08 | 6.72 | 7.40 | 8.17 | 9.02 | 9.99 | 11.14 | 12.37 | 13.77 | 15.03 | 17.31 | 66 |
| 42 | 5.40 | 6.07 | 6.67 | 7.34 | 8.12 | 9.00 | 9.98 | 11.12 | 12.34 | 13.71 | 15.03 | 16.16 | 18.81 | 67 |
| 43 | 6.00 | 6.65 | 7.24 | 8.04 | 8.95 | 9.95 | 11.09 | 12.30 | 13.60 | 14.92 | 16.16 | 17.60 | 20.44 | 68 |
| 44 | 6.58 | 7.20 | 7.94 | 8.86 | 9.89 | 11.04 | 12.27 | 13.54 | 14.84 | 16.16 | 17.50 | 19.12 | 22.12 | 69 |
| 45 | 7.12 | 7.81 | 8.74 | 9.80 | 10.96 | 12.20 | 13.49 | 14.78 | 16.08 | 17.40 | 19.12 | 21.05 | 24.10 | 70 |
| 46 | 7.67 | 8.60 | 9.67 | 10.85 | 12.11 | 13.42 | 14.72 | 16.00 | 17.30 | 18.98 | 21.05 | 23.38 | 26.32 | 71 |
| 47 | 8.40 | 9.50 | 10.72 | 12.02 | 13.34 | 14.66 | 15.94 | 17.19 | 18.83 | 20.89 | 23.38 | 26.08 | 29.19 | 72 |
| 48 | 9.24 | 10.53 | 11.89 | 13.27 | 14.60 | 15.90 | 17.11 | 18.68 | 20.73 | 23.21 | 26.08 | 28.96 | 32.19 | 73 |
| 49 | 10.24 | 11.65 | 13.15 | 14.51 | 15.81 | 17.05 | 18.54 | 20.57 | 23.03 | 25.88 | 28.96 | 31.95 | 35.36 | 74 |
| 50 | 11.46 | 12.89 | 14.41 | 15.70 | 16.94 | 18.25 | 20.41 | 22.85 | 25.68 | 28.73 | 31.95 | 35.09 | 38.85 | 75 |
| 51 | 12.72 | 14.04 | 15.59 | 16.81 | 18.07 | 20.09 | 22.67 | 25.48 | 28.51 | 31.69 | 35.08 | 38.50 | 42.64 | 76 |
| 52 | 13.63 | 15.15 | 16.67 | 18.00 | 19.89 | 22.31 | 25.27 | 28.28 | 31.44 | 34.81 | 38.50 | 42.31 | 47.00 | 77 |
| 53 | 14.74 | 16.29 | 17.92 | 19.81 | 22.10 | 24.87 | 28.06 | 31.19 | 34.54 | 38.20 | 42.31 | 46.64 | 52.02 | 78 |
| 54 | 16.07 | 17.82 | 19.73 | 22.01 | 24.64 | 27.61 | 30.94 | 34.26 | 37.90 | 41.98 | 46.64 | 51.62 | 57.75 | 79 |
| 55 | 17.58 | 19.62 | 21.92 | 24.55 | 27.36 | 30.44 | 33.99 | 37.60 | 41.64 | 46.27 | 51.62 | 57.30 | 63.96 | 80 |
| 56 | 19.35 | 21.81 | 24.45 | 27.26 | 30.19 | 33.44 | 37.30 | 41.32 | 45.91 | 51.22 | 57.30 | 63.47 | 71.20 | 81 |
| 57 | 21.51 | 24.32 | 27.14 | 30.09 | 33.16 | 36.69 | 40.98 | 45.53 | 50.81 | 56.86 | 63.46 | 70.38 | 78.77 | 82 |
| 58 | 23.97 | 27.01 | 29.96 | 33.08 | 36.38 | 40.32 | 45.17 | 50.39 | 56.40 | 62.97 | 70.38 | 77.59 | 86.75 | 83 |
| 59 | 26.63 | 29.80 | 32.92 | 36.34 | 39.97 | 44.44 | 49.99 | 55.95 | 62.45 | 69.83 | 77.58 | 85.28 | 95.53 | 84 |
| 60 | 29.38 | 32.75 | 36.17 | 39.96 | 44.06 | 49.18 | 55.49 | 61.95 | 69.27 | 76.96 | 85.26 | 93.72 | 105.30 | 85 |
| 61 | 32.31 | 35.98 | 39.80 | 44.04 | 48.76 | 54.58 | 61.45 | 68.71 | 76.35 | 84.60 | 93.71 | 103.09 | 115.64 | 86 |
| 62 | 34.68 | 39.61 | 43.96 | 48.74 | 54.12 | 60.43 | 68.14 | 75.73 | 83.92 | 92.97 | 103.07 | 113.32 | 127.52 | 87 |
| 63 | 37.60 | 43.56 | 48.72 | 54.10 | 59.93 | 67.02 | 75.11 | 83.23 | 92.23 | 102.26 | 113.30 | 124.34 | 140.04 | 88 |
| 64 | 41.24 | 48.01 | 54.08 | 59.90 | 66.44 | 73.87 | 82.55 | 91.48 | 101.44 | 112.40 | 124.30 | 135.98 | 153.12 | 89 |
| 65 | 45.63 | 53.30 | 59.87 | 66.42 | 73.24 | 81.20 | 90.72 | 100.62 | 111.50 | 123.32 | 135.93 | 148.14 | 166.06 | 90 |
| 66 | 50.62 | 58.93 | 66.39 | 73.20 | 80.50 | 89.24 | 99.78 | 110.59 | 122.34 | 134.87 | 148.08 | 160.69 | 176.29 | 91 |
| 67 | 56.00 | 65.14 | 73.18 | 80.46 | 88.48 | 98.17 | 109.69 | 121.36 | 133.82 | 146.95 | 160.65 | 172.57 | 188.14 | 92 |
| 68 | 62.58 | 72.15 | 80.43 | 88.44 | 97.33 | 107.92 | 120.37 | 132.75 | 145.81 | 159.44 | 172.53 | 184.82 | 201.91 | 93 |
| 69 | 68.41 | 78.55 | 88.40 | 97.28 | 107.01 | 118.44 | 131.68 | 144.68 | 158.23 | 171.27 | 184.78 | 198.97 | 217.64 | 94 |
| con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | con't | 4 of 6 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Blended 80% Male, 20% Female Composite Select & Ultimate Age Nearest Birthday | | | | | | | | | | | | | | 5 of 6 |
| Issue Age | Duration | | | | | | | | | | | | | |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | con't | |
| 70 | 6.35 | 10.03 | 12.78 | 15.53 | 17.26 | 22.29 | 25.16 | 28.38 | 34.08 | 40.68 | 48.22 | 56.96 | 66.58 | con't | |
| 71 | 7.61 | 11.08 | 14.09 | 16.43 | 19.69 | 24.13 | 27.07 | 33.30 | 37.74 | 44.99 | 53.42 | 62.75 | 73.17 | con't | |
| 72 | 9.48 | 12.23 | 15.55 | 18.73 | 22.09 | 25.75 | 29.78 | 34.30 | 39.49 | 47.35 | 56.11 | 65.96 | 77.14 | con't | |
| 73 | 10.72 | 14.35 | 17.71 | 20.91 | 24.10 | 27.52 | 31.41 | 37.57 | 42.03 | 50.30 | 59.63 | 70.28 | 82.42 | con't | |
| 74 | 12.24 | 15.71 | 19.34 | 22.97 | 26.46 | 29.99 | 35.75 | 40.43 | 45.54 | 54.60 | 64.80 | 76.49 | 89.52 | con't | |
| 75 | 13.99 | 16.83 | 20.99 | 25.53 | 28.97 | 34.11 | 38.98 | 44.27 | 53.88 | 64.03 | 75.68 | 88.90 | 103.24 | con't | |
| 76 | 14.60 | 18.62 | 23.15 | 28.01 | 32.54 | 37.56 | 43.00 | 51.94 | 62.53 | 74.05 | 87.16 | 101.87 | 117.36 | con't | |
| 77 | 15.31 | 20.22 | 25.45 | 31.06 | 36.20 | 41.72 | 49.99 | 60.71 | 68.87 | 83.76 | 98.20 | 114.21 | 130.63 | con't | |
| 78 | 16.48 | 21.94 | 28.01 | 34.96 | 40.57 | 48.20 | 59.02 | 67.61 | 82.82 | 97.18 | 113.11 | 130.57 | 147.98 | con't | |
| 79 | 17.60 | 24.01 | 31.21 | 39.43 | 46.41 | 57.28 | 66.19 | 80.91 | 89.23 | 104.51 | 121.35 | 139.51 | 156.67 | con't | |
| 80 | 19.01 | 26.79 | 35.19 | 44.82 | 55.72 | 64.96 | 79.21 | 87.66 | 100.68 | 117.21 | 135.23 | 153.47 | 171.53 | con't | |
| 81 | 20.70 | 30.27 | 40.15 | 51.36 | 63.88 | 77.63 | 86.18 | 99.05 | 112.71 | 130.39 | 148.69 | 170.83 | 198.64 | con't | |
| 82 | 22.84 | 34.65 | 46.24 | 59.11 | 73.23 | 84.84 | 97.51 | 111.05 | 120.34 | 147.07 | 169.59 | 198.64 | 212.19 | con't | |
| 83 | 25.75 | 40.19 | 53.55 | 68.08 | 83.73 | 96.21 | 109.59 | 118.75 | 145.50 | 167.88 | 197.23 | 212.19 | 226.66 | con't | |
| 84 | 30.40 | 46.89 | 62.01 | 78.07 | 95.13 | 108.34 | 117.32 | 143.93 | 166.25 | 195.33 | 210.42 | 226.66 | 240.95 | con't | |
| 85 | 36.23 | 54.82 | 71.58 | 89.03 | 107.35 | 116.13 | 142.53 | 164.75 | 193.52 | 208.31 | 224.30 | 240.34 | 256.73 | con't | |
| 86 | 44.23 | 64.09 | 82.30 | 101.10 | 115.26 | 141.43 | 163.37 | 191.90 | 206.31 | 221.94 | 237.64 | 255.04 | 274.20 | con't | |
| 87 | 52.61 | 74.81 | 94.68 | 114.84 | 140.73 | 162.35 | 190.58 | 204.56 | 219.74 | 235.01 | 252.00 | 270.83 | 290.99 | con't | |
| 88 | 63.62 | 87.48 | 109.21 | 140.48 | 161.78 | 189.68 | 203.17 | 217.83 | 232.58 | 249.04 | 267.36 | 286.98 | 308.38 | con't | |
| 89 | 77.26 | 102.63 | 136.79 | 161.59 | 189.35 | 202.30 | 216.38 | 230.55 | 246.42 | 264.14 | 283.11 | 303.85 | 322.21 | con't | |
| 90 | 94.02 | 132.49 | 159.20 | 189.29 | 202.10 | 215.57 | 229.08 | 244.28 | 261.33 | 279.58 | 299.56 | 317.75 | 336.56 | con't | |
| 91 | 126.88 | 156.41 | 189.24 | 202.03 | 215.47 | 228.34 | 242.81 | 259.10 | 276.55 | 295.69 | 313.57 | 331.66 | 351.94 | con't | |
| 92 | 152.81 | 189.21 | 201.98 | 215.40 | 228.24 | 242.18 | 257.64 | 274.22 | 292.42 | 309.87 | 327.11 | 346.58 | 368.38 | con't | |
| 93 | 189.18 | 201.95 | 215.35 | 228.16 | 242.07 | 257.16 | 272.78 | 289.98 | 306.84 | 323.13 | 341.67 | 362.58 | 385.95 | con't | |
| 94 | 201.92 | 215.32 | 228.11 | 242.00 | 257.04 | 272.46 | 288.57 | 304.69 | 319.93 | 337.43 | 357.31 | 379.71 | 404.69 | con't | |
| 95 | 215.29 | 228.08 | 241.95 | 256.97 | 272.34 | 288.38 | 303.65 | 317.75 | 334.08 | 352.81 | 374.10 | 398.03 | 424.61 | con't | |
| 96 | 228.05 | 241.92 | 256.92 | 272.26 | 288.26 | 303.65 | 316.82 | 331.88 | 349.34 | 369.37 | 392.09 | 417.53 | 445.69 | con't | |
| 97 | 241.89 | 256.88 | 272.21 | 288.18 | 303.65 | 316.82 | 331.11 | 347.16 | 365.79 | 387.15 | 411.29 | 438.22 | 467.92 | con't | |
| 98 | 256.86 | 272.18 | 288.13 | 303.65 | 316.82 | 331.11 | 346.56 | 363.66 | 383.50 | 406.16 | 431.70 | 460.09 | 491.37 | con't | |
| 99 | 272.17 | 288.10 | 303.65 | 316.82 | 331.11 | 346.56 | 363.28 | 381.44 | 402.46 | 426.41 | 453.30 | 483.18 | 516.06 | con't | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Blended 80% Male, 20% Female Composite Select & Ultimate Age Nearest Birthday | | | | | | | | | | | | | 6 of 6 |
| IssueAge | Duration | | | | | | | | | | | | | Att Age |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | Ultimate |
| 70 | 77.06 | 88.35 | 97.24 | 106.95 | 117.45 | 129.58 | 143.52 | 156.99 | 169.98 | 183.44 | 198.91 | 212.58 | 235.98 | 95 |
| 71 | 84.48 | 96.95 | 106.90 | 117.38 | 128.49 | 141.26 | 155.76 | 168.69 | 182.10 | 198.83 | 212.46 | 227.07 | 253.18 | 96 |
| 72 | 89.15 | 102.46 | 117.25 | 128.43 | 140.08 | 153.34 | 167.39 | 180.76 | 198.75 | 212.34 | 226.89 | 241.30 | 271.66 | 97 |
| 73 | 95.14 | 109.34 | 124.91 | 140.01 | 152.09 | 164.85 | 179.41 | 198.67 | 212.24 | 226.73 | 241.05 | 256.89 | 281.27 | 98 |
| 74 | 103.25 | 118.35 | 134.77 | 152.03 | 163.57 | 176.82 | 198.65 | 212.20 | 226.67 | 240.97 | 256.76 | 274.25 | 295.32 | 99 |
| 75 | 118.35 | 134.76 | 152.02 | 163.55 | 175.52 | 198.64 | 212.19 | 226.66 | 240.95 | 256.73 | 274.20 | 292.96 | 313.54 | 100 |
| 76 | 133.70 | 151.23 | 163.55 | 175.52 | 198.64 | 212.19 | 226.66 | 240.95 | 256.73 | 274.20 | 292.96 | 313.54 | 330.82 | 101 |
| 77 | 147.98 | 162.31 | 175.52 | 198.64 | 212.19 | 226.66 | 240.95 | 256.73 | 274.20 | 292.96 | 313.54 | 330.82 | 350.39 | 102 |
| 78 | 162.31 | 175.52 | 198.64 | 212.19 | 226.66 | 240.95 | 256.73 | 274.20 | 292.96 | 313.54 | 330.82 | 350.39 | 372.52 | 103 |
| 79 | 174.23 | 198.64 | 212.19 | 226.66 | 240.95 | 256.73 | 274.20 | 292.96 | 313.54 | 330.82 | 350.39 | 372.52 | 397.46 | 104 |
| 80 | 198.64 | 212.19 | 226.66 | 240.95 | 256.73 | 274.20 | 292.96 | 313.54 | 330.82 | 350.39 | 372.52 | 397.46 | 425.09 | 105 |
| 81 | 212.19 | 226.66 | 240.95 | 256.73 | 274.20 | 292.96 | 313.54 | 330.82 | 350.39 | 372.52 | 397.46 | 425.09 | 454.25 | 106 |
| 82 | 226.66 | 240.95 | 256.73 | 274.20 | 292.96 | 313.54 | 330.82 | 350.39 | 372.52 | 397.46 | 425.09 | 454.25 | 484.83 | 107 |
| 83 | 240.95 | 256.73 | 274.20 | 292.96 | 313.54 | 330.82 | 350.39 | 372.52 | 397.46 | 425.09 | 454.25 | 484.83 | 516.27 | 108 |
| 84 | 256.73 | 274.20 | 292.96 | 313.54 | 330.82 | 350.39 | 372.52 | 397.46 | 425.09 | 454.25 | 484.83 | 516.27 | 549.38 | 109 |
| 85 | 274.20 | 292.96 | 313.54 | 330.82 | 350.39 | 372.52 | 397.46 | 425.09 | 454.25 | 484.83 | 516.27 | 549.38 | 583.66 | 110 |
| 86 | 292.96 | 313.54 | 330.82 | 350.39 | 372.52 | 397.46 | 425.09 | 454.25 | 484.83 | 516.27 | 549.38 | 583.66 | 617.39 | 111 |
| 87 | 312.93 | 330.82 | 350.39 | 372.52 | 397.46 | 425.09 | 453.94 | 484.49 | 516.27 | 549.38 | 583.66 | 617.39 | 650.79 | 112 |
| 88 | 326.81 | 346.80 | 368.87 | 393.05 | 419.39 | 447.82 | 478.31 | 510.76 | 545.13 | 581.36 | 617.39 | 650.79 | 682.37 | 113 |
| 89 | 341.67 | 363.25 | 387.01 | 413.00 | 441.17 | 471.48 | 503.86 | 538.23 | 574.55 | 612.77 | 650.79 | 682.37 | 724.03 | 114 |
| 90 | 357.56 | 380.78 | 406.30 | 434.10 | 464.12 | 496.31 | 530.58 | 566.90 | 605.21 | 645.46 | 682.37 | 724.03 | 763.93 | 115 |
| 91 | 374.52 | 399.45 | 426.74 | 456.36 | 488.22 | 522.28 | 558.49 | 596.78 | 637.09 | 679.41 | 723.72 | 763.93 | 805.53 | 116 |
| 92 | 392.60 | 419.27 | 448.34 | 479.76 | 513.47 | 549.43 | 587.59 | 627.86 | 670.20 | 714.60 | 761.19 | 805.53 | 850.80 | 117 |
| 93 | 411.85 | 440.24 | 471.07 | 504.30 | 539.88 | 577.77 | 617.87 | 660.12 | 704.48 | 751.14 | 800.03 | 850.80 | 893.94 | 118 |
| 94 | 432.26 | 462.36 | 494.94 | 530.00 | 567.47 | 607.25 | 649.29 | 693.46 | 740.07 | 789.00 | 840.27 | 893.94 | 938.06 | 119 |
| 95 | 453.81 | 485.61 | 519.99 | 556.89 | 596.21 | 637.87 | 681.71 | 728.13 | 776.96 | 828.20 | 881.95 | 938.06 | 1,000.00 | 120 |
| 96 | 476.52 | 510.04 | 546.22 | 584.91 | 626.04 | 669.40 | 715.48 | 764.05 | 815.13 | 868.81 | 924.79 | 1,000.00 |  |  |
| 97 | 500.42 | 535.69 | 573.59 | 614.01 | 656.71 | 702.28 | 750.44 | 801.19 | 854.65 | 910.34 | 1,000.00 |  |  |  |
| 98 | 525.54 | 562.46 | 602.00 | 643.87 | 688.75 | 736.33 | 786.57 | 839.65 | 894.88 | 1,000.00 |  |  |  |  |
| 99 | 551.81 | 590.26 | 631.11 | 675.12 | 721.93 | 771.50 | 824.01 | 878.59 | 1,000.00 |  |  |  |  |  |