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

**Section 1412.ILLUSTRATION H Male Composite Select & Ultimate Age Last Birthday**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Male – Composite – Age Last Birthday | | | | | | | | | | | | |  | |
| Issue Age | Duration | | | | | | | | | | | | |  | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | | con't |
| 0 | 0.72 | 0.46 | 0.33 | 0.24 | 0.21 | 0.21 | 0.22 | 0.22 | 0.22 | 0.23 | 0.24 | 0.28 | 0.34 | | con't |
| 1 | 0.41 | 0.31 | 0.24 | 0.21 | 0.21 | 0.21 | 0.22 | 0.22 | 0.22 | 0.23 | 0.25 | 0.31 | 0.36 | | con't |
| 2 | 0.30 | 0.23 | 0.21 | 0.21 | 0.21 | 0.21 | 0.22 | 0.22 | 0.22 | 0.24 | 0.29 | 0.34 | 0.42 | | con't |
| 3 | 0.22 | 0.20 | 0.20 | 0.21 | 0.21 | 0.21 | 0.22 | 0.22 | 0.23 | 0.28 | 0.34 | 0.41 | 0.56 | | con't |
| 4 | 0.20 | 0.20 | 0.20 | 0.21 | 0.21 | 0.21 | 0.22 | 0.23 | 0.27 | 0.33 | 0.41 | 0.56 | 0.72 | | con't |
| 5 | 0.20 | 0.20 | 0.20 | 0.21 | 0.21 | 0.21 | 0.23 | 0.27 | 0.32 | 0.40 | 0.56 | 0.71 | 0.82 | | con't |
| 6 | 0.20 | 0.20 | 0.20 | 0.21 | 0.21 | 0.22 | 0.26 | 0.32 | 0.39 | 0.55 | 0.71 | 0.82 | 0.90 | | con't |
| 7 | 0.20 | 0.20 | 0.20 | 0.21 | 0.22 | 0.26 | 0.31 | 0.39 | 0.54 | 0.71 | 0.82 | 0.90 | 0.95 | | con't |
| 8 | 0.20 | 0.20 | 0.20 | 0.22 | 0.25 | 0.30 | 0.38 | 0.54 | 0.71 | 0.82 | 0.90 | 0.95 | 0.97 | | con't |
| 9 | 0.20 | 0.20 | 0.21 | 0.25 | 0.30 | 0.38 | 0.54 | 0.70 | 0.82 | 0.90 | 0.95 | 0.97 | 0.98 | | con't |
| 10 | 0.20 | 0.21 | 0.24 | 0.29 | 0.37 | 0.53 | 0.70 | 0.82 | 0.89 | 0.94 | 0.97 | 0.97 | 0.98 | | con't |
| 11 | 0.20 | 0.23 | 0.29 | 0.36 | 0.53 | 0.70 | 0.82 | 0.89 | 0.93 | 0.96 | 0.96 | 0.97 | 0.98 | | con't |
| 12 | 0.22 | 0.28 | 0.36 | 0.52 | 0.70 | 0.82 | 0.89 | 0.93 | 0.95 | 0.95 | 0.96 | 0.97 | 0.99 | | con't |
| 13 | 0.27 | 0.35 | 0.52 | 0.70 | 0.82 | 0.89 | 0.92 | 0.94 | 0.94 | 0.95 | 0.95 | 0.98 | 1.02 | | con't |
| 14 | 0.34 | 0.51 | 0.70 | 0.82 | 0.88 | 0.91 | 0.93 | 0.93 | 0.94 | 0.94 | 0.97 | 1.00 | 1.05 | | con't |
| 15 | 0.51 | 0.70 | 0.82 | 0.88 | 0.90 | 0.91 | 0.92 | 0.93 | 0.93 | 0.95 | 0.99 | 1.03 | 1.07 | | con't |
| 16 | 0.70 | 0.82 | 0.88 | 0.90 | 0.91 | 0.91 | 0.92 | 0.92 | 0.94 | 0.97 | 1.00 | 1.04 | 1.07 | | con't |
| 17 | 0.82 | 0.87 | 0.90 | 0.90 | 0.91 | 0.91 | 0.92 | 0.93 | 0.95 | 0.98 | 1.01 | 1.03 | 1.05 | | con't |
| 18 | 0.86 | 0.87 | 0.88 | 0.88 | 0.89 | 0.90 | 0.91 | 0.93 | 0.96 | 0.97 | 0.99 | 1.01 | 1.03 | | con't |
| 19 | 0.84 | 0.84 | 0.85 | 0.85 | 0.86 | 0.88 | 0.89 | 0.92 | 0.94 | 0.95 | 0.96 | 0.98 | 1.02 | | con't |
| 20 | 0.79 | 0.80 | 0.80 | 0.81 | 0.82 | 0.84 | 0.87 | 0.88 | 0.90 | 0.91 | 0.94 | 0.97 | 1.01 | | con't |
| 21 | 0.74 | 0.74 | 0.75 | 0.76 | 0.79 | 0.81 | 0.83 | 0.85 | 0.86 | 0.89 | 0.93 | 0.97 | 1.02 | | con't |
| 22 | 0.68 | 0.69 | 0.70 | 0.73 | 0.76 | 0.79 | 0.81 | 0.82 | 0.84 | 0.89 | 0.93 | 0.98 | 1.05 | | con't |
| 23 | 0.62 | 0.64 | 0.67 | 0.72 | 0.75 | 0.78 | 0.80 | 0.82 | 0.86 | 0.90 | 0.95 | 1.01 | 1.09 | | con't |
| 24 | 0.55 | 0.59 | 0.66 | 0.71 | 0.75 | 0.78 | 0.80 | 0.84 | 0.88 | 0.94 | 0.99 | 1.06 | 1.15 | | con't |
| 25 | 0.50 | 0.57 | 0.65 | 0.73 | 0.76 | 0.79 | 0.82 | 0.87 | 0.92 | 0.98 | 1.05 | 1.13 | 1.23 | | con't |
| 26 | 0.48 | 0.57 | 0.67 | 0.74 | 0.78 | 0.82 | 0.86 | 0.91 | 0.97 | 1.05 | 1.13 | 1.22 | 1.33 | | con't |
| 27 | 0.47 | 0.59 | 0.68 | 0.76 | 0.82 | 0.86 | 0.91 | 0.96 | 1.03 | 1.12 | 1.22 | 1.33 | 1.46 | | con't |
| 28 | 0.48 | 0.60 | 0.70 | 0.78 | 0.86 | 0.90 | 0.96 | 1.03 | 1.10 | 1.21 | 1.33 | 1.46 | 1.60 | | con't |
| 29 | 0.48 | 0.60 | 0.71 | 0.81 | 0.89 | 0.96 | 1.03 | 1.10 | 1.19 | 1.32 | 1.44 | 1.58 | 1.73 | | con't |
| 30 | 0.48 | 0.61 | 0.72 | 0.83 | 0.92 | 1.02 | 1.10 | 1.18 | 1.29 | 1.41 | 1.54 | 1.69 | 1.88 | | con't |
| 31 | 0.47 | 0.62 | 0.73 | 0.84 | 0.95 | 1.06 | 1.16 | 1.26 | 1.36 | 1.47 | 1.62 | 1.81 | 2.06 | | con't |
| 32 | 0.49 | 0.62 | 0.75 | 0.87 | 0.99 | 1.10 | 1.22 | 1.32 | 1.42 | 1.54 | 1.71 | 1.96 | 2.26 | | con't |
| 33 | 0.52 | 0.65 | 0.79 | 0.92 | 1.05 | 1.17 | 1.30 | 1.40 | 1.51 | 1.64 | 1.85 | 2.14 | 2.46 | | con't |
| 34 | 0.55 | 0.69 | 0.83 | 0.96 | 1.10 | 1.24 | 1.37 | 1.50 | 1.63 | 1.80 | 2.04 | 2.34 | 2.67 | | 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 |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Male – Composite – Age Last Birthday | | | | | | | | | | | | |  |
| Issue Age | Duration | | | | | | | | | | | | | Att Age |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | Ultimate |
| 0 | 0.40 | 0.52 | 0.66 | 0.78 | 0.89 | 0.95 | 0.98 | 1.00 | 1.01 | 1.02 | 1.04 | 1.06 | 1.09 | 25 |
| 1 | 0.44 | 0.63 | 0.75 | 0.86 | 0.93 | 0.97 | 0.99 | 1.01 | 1.02 | 1.04 | 1.06 | 1.09 | 1.14 | 26 |
| 2 | 0.57 | 0.73 | 0.83 | 0.91 | 0.97 | 0.99 | 1.01 | 1.02 | 1.04 | 1.06 | 1.08 | 1.12 | 1.17 | 27 |
| 3 | 0.72 | 0.82 | 0.90 | 0.96 | 0.99 | 1.01 | 1.02 | 1.04 | 1.06 | 1.08 | 1.11 | 1.14 | 1.16 | 28 |
| 4 | 0.82 | 0.90 | 0.96 | 0.99 | 1.01 | 1.02 | 1.04 | 1.06 | 1.08 | 1.10 | 1.13 | 1.14 | 1.15 | 29 |
| 5 | 0.90 | 0.96 | 0.99 | 1.00 | 1.02 | 1.04 | 1.06 | 1.07 | 1.10 | 1.11 | 1.12 | 1.13 | 1.14 | 30 |
| 6 | 0.96 | 0.98 | 1.00 | 1.01 | 1.03 | 1.05 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 | 1.12 | 1.13 | 31 |
| 7 | 0.98 | 0.99 | 1.01 | 1.02 | 1.04 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 | 1.12 | 1.14 | 32 |
| 8 | 0.98 | 1.00 | 1.00 | 1.03 | 1.06 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 | 1.12 | 1.14 | 1.16 | 33 |
| 9 | 0.99 | 1.00 | 1.02 | 1.05 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 | 1.12 | 1.14 | 1.16 | 1.19 | 34 |
| 10 | 0.99 | 1.01 | 1.04 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 | 1.12 | 1.14 | 1.16 | 1.19 | 1.24 | 35 |
| 11 | 1.01 | 1.04 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 | 1.12 | 1.14 | 1.16 | 1.19 | 1.24 | 1.31 | 36 |
| 12 | 1.03 | 1.07 | 1.08 | 1.09 | 1.10 | 1.11 | 1.12 | 1.14 | 1.16 | 1.19 | 1.24 | 1.31 | 1.39 | 37 |
| 13 | 1.06 | 1.08 | 1.09 | 1.10 | 1.11 | 1.12 | 1.14 | 1.16 | 1.19 | 1.24 | 1.31 | 1.39 | 1.49 | 38 |
| 14 | 1.08 | 1.09 | 1.10 | 1.11 | 1.12 | 1.14 | 1.16 | 1.19 | 1.24 | 1.31 | 1.39 | 1.49 | 1.59 | 39 |
| 15 | 1.09 | 1.10 | 1.11 | 1.12 | 1.14 | 1.16 | 1.19 | 1.24 | 1.31 | 1.39 | 1.49 | 1.59 | 1.72 | 40 |
| 16 | 1.09 | 1.10 | 1.11 | 1.14 | 1.16 | 1.19 | 1.24 | 1.31 | 1.39 | 1.49 | 1.59 | 1.72 | 1.87 | 41 |
| 17 | 1.08 | 1.09 | 1.10 | 1.16 | 1.19 | 1.24 | 1.31 | 1.39 | 1.49 | 1.59 | 1.72 | 1.87 | 2.05 | 42 |
| 18 | 1.07 | 1.10 | 1.13 | 1.19 | 1.24 | 1.31 | 1.39 | 1.49 | 1.59 | 1.72 | 1.87 | 2.05 | 2.27 | 43 |
| 19 | 1.06 | 1.13 | 1.18 | 1.24 | 1.31 | 1.39 | 1.49 | 1.59 | 1.72 | 1.87 | 2.05 | 2.27 | 2.52 | 44 |
| 20 | 1.08 | 1.16 | 1.24 | 1.31 | 1.39 | 1.49 | 1.59 | 1.72 | 1.87 | 2.05 | 2.27 | 2.52 | 2.77 | 45 |
| 21 | 1.10 | 1.21 | 1.31 | 1.39 | 1.49 | 1.59 | 1.72 | 1.87 | 2.05 | 2.27 | 2.52 | 2.77 | 3.03 | 46 |
| 22 | 1.14 | 1.27 | 1.38 | 1.49 | 1.59 | 1.72 | 1.87 | 2.05 | 2.27 | 2.52 | 2.77 | 3.03 | 3.25 | 47 |
| 23 | 1.20 | 1.34 | 1.47 | 1.59 | 1.72 | 1.87 | 2.05 | 2.27 | 2.52 | 2.77 | 3.02 | 3.25 | 3.42 | 48 |
| 24 | 1.27 | 1.43 | 1.58 | 1.72 | 1.87 | 2.05 | 2.27 | 2.52 | 2.77 | 3.01 | 3.22 | 3.42 | 3.64 | 49 |
| 25 | 1.37 | 1.53 | 1.71 | 1.87 | 2.05 | 2.27 | 2.52 | 2.77 | 3.00 | 3.21 | 3.41 | 3.64 | 3.91 | 50 |
| 26 | 1.49 | 1.65 | 1.86 | 2.05 | 2.27 | 2.52 | 2.77 | 3.00 | 3.20 | 3.41 | 3.64 | 3.91 | 4.26 | 51 |
| 27 | 1.63 | 1.80 | 2.03 | 2.25 | 2.50 | 2.77 | 3.00 | 3.19 | 3.40 | 3.64 | 3.91 | 4.26 | 4.70 | 52 |
| 28 | 1.78 | 1.98 | 2.24 | 2.49 | 2.75 | 2.99 | 3.19 | 3.40 | 3.63 | 3.90 | 4.26 | 4.70 | 5.21 | 53 |
| 29 | 1.92 | 2.16 | 2.45 | 2.72 | 2.97 | 3.18 | 3.40 | 3.63 | 3.90 | 4.26 | 4.69 | 5.19 | 5.83 | 54 |
| 30 | 2.10 | 2.38 | 2.66 | 2.92 | 3.16 | 3.39 | 3.62 | 3.89 | 4.23 | 4.68 | 5.18 | 5.74 | 6.52 | 55 |
| 31 | 2.33 | 2.62 | 2.89 | 3.14 | 3.37 | 3.62 | 3.88 | 4.22 | 4.65 | 5.16 | 5.71 | 6.35 | 7.26 | 56 |
| 32 | 2.56 | 2.85 | 3.11 | 3.36 | 3.61 | 3.88 | 4.22 | 4.65 | 5.15 | 5.69 | 6.30 | 6.99 | 7.95 | 57 |
| 33 | 2.78 | 3.07 | 3.33 | 3.60 | 3.88 | 4.22 | 4.64 | 5.14 | 5.66 | 6.26 | 6.93 | 7.62 | 8.63 | 58 |
| 34 | 3.00 | 3.29 | 3.57 | 3.88 | 4.22 | 4.63 | 5.11 | 5.63 | 6.22 | 6.88 | 7.56 | 8.27 | 9.42 | 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 |

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|  | Male – Composite – Age Last Birthday | | | | | | | | | | | | |  |
| Issue Age | Duration | | | | | | | | | | | | |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | con't |
| 35 | 0.59 | 0.72 | 0.87 | 1.01 | 1.16 | 1.30 | 1.45 | 1.61 | 1.79 | 2.01 | 2.26 | 2.55 | 2.89 | con't |
| 36 | 0.62 | 0.75 | 0.91 | 1.06 | 1.21 | 1.36 | 1.54 | 1.76 | 1.99 | 2.22 | 2.47 | 2.77 | 3.11 | con't |
| 37 | 0.66 | 0.81 | 0.97 | 1.11 | 1.26 | 1.45 | 1.68 | 1.94 | 2.20 | 2.44 | 2.69 | 2.98 | 3.34 | con't |
| 38 | 0.72 | 0.89 | 1.05 | 1.19 | 1.35 | 1.57 | 1.85 | 2.13 | 2.41 | 2.65 | 2.90 | 3.21 | 3.60 | con't |
| 39 | 0.77 | 0.96 | 1.13 | 1.28 | 1.47 | 1.73 | 2.03 | 2.33 | 2.61 | 2.86 | 3.14 | 3.50 | 3.92 | con't |
| 40 | 0.81 | 1.03 | 1.22 | 1.40 | 1.62 | 1.92 | 2.24 | 2.54 | 2.82 | 3.10 | 3.44 | 3.85 | 4.30 | con't |
| 41 | 0.87 | 1.12 | 1.34 | 1.56 | 1.80 | 2.11 | 2.45 | 2.75 | 3.06 | 3.40 | 3.79 | 4.24 | 4.74 | con't |
| 42 | 0.92 | 1.20 | 1.46 | 1.70 | 1.96 | 2.27 | 2.63 | 2.96 | 3.32 | 3.71 | 4.16 | 4.67 | 5.26 | con't |
| 43 | 0.98 | 1.27 | 1.55 | 1.81 | 2.08 | 2.41 | 2.80 | 3.19 | 3.59 | 4.04 | 4.53 | 5.16 | 5.85 | con't |
| 44 | 1.06 | 1.36 | 1.64 | 1.91 | 2.21 | 2.58 | 3.01 | 3.46 | 3.92 | 4.40 | 4.96 | 5.73 | 6.46 | con't |
| 45 | 1.15 | 1.45 | 1.73 | 2.01 | 2.36 | 2.78 | 3.26 | 3.77 | 4.29 | 4.82 | 5.50 | 6.33 | 7.04 | con't |
| 46 | 1.25 | 1.53 | 1.81 | 2.13 | 2.54 | 3.02 | 3.55 | 4.13 | 4.70 | 5.34 | 6.08 | 6.90 | 7.59 | con't |
| 47 | 1.35 | 1.62 | 1.93 | 2.29 | 2.74 | 3.25 | 3.85 | 4.49 | 5.13 | 5.90 | 6.63 | 7.44 | 8.20 | con't |
| 48 | 1.44 | 1.75 | 2.10 | 2.50 | 2.96 | 3.50 | 4.14 | 4.86 | 5.56 | 6.38 | 7.15 | 8.04 | 8.98 | con't |
| 49 | 1.54 | 1.91 | 2.30 | 2.73 | 3.20 | 3.76 | 4.46 | 5.24 | 5.97 | 6.80 | 7.71 | 8.81 | 10.01 | con't |
| 50 | 1.68 | 2.10 | 2.54 | 2.99 | 3.47 | 4.06 | 4.78 | 5.59 | 6.38 | 7.28 | 8.41 | 9.82 | 11.27 | con't |
| 51 | 1.83 | 2.32 | 2.81 | 3.29 | 3.78 | 4.37 | 5.10 | 5.94 | 6.85 | 7.93 | 9.33 | 11.04 | 12.64 | con't |
| 52 | 1.95 | 2.52 | 3.07 | 3.60 | 4.12 | 4.72 | 5.50 | 6.44 | 7.49 | 8.83 | 10.49 | 12.37 | 13.80 | con't |
| 53 | 2.04 | 2.71 | 3.34 | 3.92 | 4.47 | 5.13 | 6.02 | 7.14 | 8.34 | 9.93 | 11.76 | 13.51 | 14.87 | con't |
| 54 | 2.14 | 2.91 | 3.63 | 4.23 | 4.82 | 5.60 | 6.67 | 7.98 | 9.34 | 11.09 | 12.79 | 14.51 | 16.17 | con't |
| 55 | 2.24 | 3.12 | 3.89 | 4.55 | 5.23 | 6.17 | 7.44 | 8.92 | 10.40 | 12.03 | 13.70 | 15.70 | 17.69 | con't |
| 56 | 2.35 | 3.31 | 4.15 | 4.91 | 5.74 | 6.86 | 8.31 | 9.91 | 11.45 | 13.07 | 15.02 | 17.24 | 19.47 | con't |
| 57 | 2.50 | 3.51 | 4.44 | 5.34 | 6.35 | 7.66 | 9.23 | 10.87 | 12.43 | 14.31 | 16.53 | 19.08 | 21.60 | con't |
| 58 | 2.69 | 3.74 | 4.78 | 5.85 | 7.06 | 8.53 | 10.16 | 11.79 | 13.32 | 15.44 | 17.95 | 20.99 | 24.13 | con't |
| 59 | 2.93 | 4.02 | 5.17 | 6.41 | 7.83 | 9.41 | 11.08 | 12.69 | 14.20 | 16.59 | 19.48 | 22.96 | 26.81 | con't |
| 60 | 3.22 | 4.35 | 5.60 | 7.01 | 8.60 | 10.30 | 11.99 | 13.58 | 15.10 | 17.81 | 21.11 | 24.91 | 29.14 | con't |
| 61 | 3.55 | 4.72 | 6.07 | 7.63 | 9.38 | 11.20 | 12.93 | 14.53 | 16.10 | 19.18 | 22.76 | 26.75 | 31.15 | con't |
| 62 | 3.85 | 5.14 | 6.64 | 8.36 | 10.24 | 12.18 | 14.00 | 15.69 | 17.40 | 20.78 | 24.54 | 28.72 | 33.40 | con't |
| 63 | 4.08 | 5.61 | 7.32 | 9.21 | 11.23 | 13.28 | 15.25 | 17.12 | 19.06 | 22.64 | 26.62 | 31.09 | 36.21 | con't |
| 64 | 4.27 | 6.09 | 8.05 | 10.14 | 12.33 | 14.53 | 16.66 | 18.78 | 20.95 | 24.76 | 29.05 | 33.97 | 39.69 | con't |
| 65 | 4.43 | 6.67 | 8.86 | 11.15 | 13.58 | 15.92 | 18.21 | 20.52 | 22.98 | 27.08 | 31.82 | 37.32 | 43.81 | con't |
| 66 | 4.64 | 7.39 | 9.80 | 12.26 | 15.00 | 17.47 | 19.88 | 22.36 | 25.11 | 29.63 | 34.91 | 41.15 | 48.54 | con't |
| 67 | 5.09 | 8.21 | 10.84 | 13.48 | 16.44 | 19.21 | 21.93 | 24.68 | 27.63 | 32.70 | 38.70 | 45.82 | 54.08 | con't |
| 68 | 5.67 | 9.11 | 11.99 | 14.82 | 17.54 | 21.20 | 24.17 | 27.10 | 30.29 | 36.03 | 42.85 | 50.78 | 59.97 | con't |
| 69 | 6.28 | 10.12 | 13.27 | 16.30 | 18.36 | 23.37 | 26.27 | 29.24 | 33.96 | 40.54 | 48.21 | 57.10 | 67.22 | con't |
| 70 | 7.32 | 11.25 | 14.69 | 17.54 | 20.15 | 25.46 | 28.25 | 33.17 | 38.39 | 45.81 | 54.45 | 64.28 | 75.26 | con't |
| 71 | 8.93 | 12.50 | 16.25 | 19.30 | 22.89 | 27.23 | 30.64 | 36.31 | 41.03 | 49.13 | 58.39 | 68.79 | 80.61 | con't |
| 72 | 10.53 | 14.40 | 18.32 | 21.85 | 25.30 | 28.87 | 32.77 | 38.21 | 42.79 | 51.36 | 61.01 | 72.05 | 84.80 | con't |
| 73 | 12.11 | 16.41 | 20.47 | 24.19 | 27.61 | 30.96 | 35.82 | 41.23 | 45.54 | 54.68 | 65.07 | 77.09 | 91.01 | con't |
| 74 | 14.00 | 17.75 | 22.23 | 26.71 | 30.16 | 34.47 | 39.83 | 44.47 | 51.91 | 62.10 | 73.80 | 87.34 | 102.87 | 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 |

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|  | Male – Composite – Age Last Birthday | | | | | | | | | | | | | | |  |
| Issue Age | Duration | | | | | | | | | | | | | | | Att Age |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | | 21 | 22 | 23 | | 24 | 25 | Ultimate |
| 35 | 3.23 | 3.55 | 3.87 | 4.22 | 4.62 | 5.09 | | 5.60 | 6.18 | 6.83 | | 7.51 | 8.23 | 8.98 | 10.40 | 60 |
| 36 | 3.48 | 3.85 | 4.21 | 4.61 | 5.06 | 5.57 | | 6.14 | 6.78 | 7.46 | | 8.18 | 8.97 | 9.86 | 11.59 | 61 |
| 37 | 3.75 | 4.17 | 4.59 | 5.04 | 5.54 | 6.11 | | 6.74 | 7.41 | 8.14 | | 8.94 | 9.86 | 11.00 | 12.98 | 62 |
| 38 | 4.05 | 4.51 | 5.00 | 5.51 | 6.08 | 6.70 | | 7.37 | 8.09 | 8.93 | | 9.86 | 11.00 | 12.37 | 14.47 | 63 |
| 39 | 4.39 | 4.89 | 5.45 | 6.03 | 6.67 | 7.34 | | 8.07 | 8.90 | 9.86 | | 10.99 | 12.32 | 13.79 | 16.04 | 64 |
| 40 | 4.80 | 5.37 | 5.98 | 6.62 | 7.31 | 8.05 | | 8.88 | 9.85 | 10.98 | | 12.28 | 13.74 | 15.16 | 17.65 | 65 |
| 41 | 5.31 | 5.96 | 6.58 | 7.25 | 8.01 | 8.87 | | 9.84 | 10.97 | 12.25 | | 13.68 | 15.16 | 16.43 | 19.27 | 66 |
| 42 | 5.90 | 6.58 | 7.18 | 7.94 | 8.82 | 9.82 | | 10.95 | 12.22 | 13.59 | | 15.05 | 16.43 | 17.79 | 20.96 | 67 |
| 43 | 6.52 | 7.17 | 7.84 | 8.74 | 9.76 | 10.92 | | 12.19 | 13.53 | 14.94 | | 16.35 | 17.72 | 19.37 | 22.74 | 68 |
| 44 | 7.11 | 7.77 | 8.63 | 9.67 | 10.85 | 12.13 | | 13.48 | 14.86 | 16.26 | | 17.66 | 19.31 | 21.23 | 24.69 | 69 |
| 45 | 7.66 | 8.49 | 9.55 | 10.75 | 12.05 | 13.41 | | 14.79 | 16.17 | 17.55 | | 19.15 | 21.23 | 23.56 | 26.94 | 70 |
| 46 | 8.32 | 9.40 | 10.63 | 11.96 | 13.34 | 14.72 | | 16.09 | 17.43 | 19.00 | | 21.04 | 23.56 | 26.34 | 29.71 | 71 |
| 47 | 9.15 | 10.45 | 11.84 | 13.28 | 14.68 | 16.03 | | 17.34 | 18.83 | 20.84 | | 23.35 | 26.34 | 29.42 | 32.94 | 72 |
| 48 | 10.15 | 11.63 | 13.17 | 14.62 | 15.99 | 17.28 | | 18.69 | 20.64 | 23.13 | | 26.10 | 29.42 | 32.64 | 36.32 | 73 |
| 49 | 11.38 | 12.92 | 14.54 | 15.92 | 17.20 | 18.47 | | 20.46 | 22.92 | 25.86 | | 29.14 | 32.64 | 35.99 | 39.96 | 74 |
| 50 | 12.77 | 14.22 | 15.86 | 17.12 | 18.33 | 20.07 | | 22.71 | 25.62 | 28.88 | | 32.33 | 35.99 | 39.56 | 43.95 | 75 |
| 51 | 13.94 | 15.43 | 17.04 | 18.28 | 19.87 | 22.27 | | 25.37 | 28.60 | 32.04 | | 35.65 | 39.55 | 43.51 | 48.44 | 76 |
| 52 | 15.02 | 16.62 | 18.24 | 19.86 | 22.05 | 24.89 | | 28.33 | 31.74 | 35.32 | | 39.19 | 43.51 | 47.99 | 53.67 | 77 |
| 53 | 16.33 | 18.04 | 19.86 | 22.04 | 24.64 | 27.79 | | 31.43 | 34.99 | 38.83 | | 43.11 | 47.99 | 53.17 | 59.72 | 78 |
| 54 | 17.87 | 19.85 | 22.04 | 24.64 | 27.52 | 30.83 | | 34.65 | 38.46 | 42.70 | | 47.55 | 53.17 | 59.17 | 66.48 | 79 |
| 55 | 19.66 | 22.03 | 24.63 | 27.51 | 30.53 | 33.98 | | 38.09 | 42.30 | 47.10 | | 52.68 | 59.16 | 65.88 | 74.02 | 80 |
| 56 | 21.82 | 24.62 | 27.50 | 30.52 | 33.65 | 37.36 | | 41.89 | 46.65 | 52.18 | | 58.62 | 65.87 | 73.34 | 82.20 | 81 |
| 57 | 24.38 | 27.50 | 30.51 | 33.64 | 36.98 | 41.09 | | 46.20 | 51.68 | 58.06 | | 65.26 | 73.33 | 81.43 | 90.82 | 82 |
| 58 | 27.22 | 30.50 | 33.63 | 36.97 | 40.67 | 45.31 | | 51.18 | 57.50 | 64.64 | | 72.65 | 81.43 | 89.98 | 100.22 | 83 |
| 59 | 30.19 | 33.62 | 36.96 | 40.66 | 44.85 | 50.19 | | 56.95 | 64.02 | 71.96 | | 80.67 | 89.98 | 99.29 | 110.69 | 84 |
| 60 | 33.28 | 36.94 | 40.64 | 44.84 | 49.68 | 55.84 | | 63.40 | 71.26 | 79.90 | | 89.13 | 99.28 | 109.67 | 122.36 | 85 |
| 61 | 36.06 | 40.63 | 44.82 | 49.66 | 55.27 | 62.15 | | 70.57 | 79.13 | 88.28 | | 98.35 | 109.66 | 121.23 | 135.17 | 86 |
| 62 | 38.75 | 44.68 | 49.65 | 55.25 | 61.52 | 69.18 | | 78.35 | 87.42 | 97.42 | | 108.62 | 121.22 | 133.92 | 148.99 | 87 |
| 63 | 42.16 | 49.16 | 55.23 | 61.50 | 68.48 | 76.81 | | 86.57 | 96.46 | 107.59 | | 120.07 | 133.90 | 147.61 | 163.66 | 88 |
| 64 | 46.44 | 54.41 | 61.47 | 68.45 | 76.02 | 84.86 | | 95.51 | 106.54 | 118.92 | | 132.63 | 147.59 | 162.14 | 179.03 | 89 |
| 65 | 51.50 | 60.39 | 68.42 | 75.99 | 83.99 | 93.63 | | 105.48 | 117.75 | 131.36 | | 146.19 | 162.12 | 177.37 | 194.28 | 90 |
| 66 | 57.10 | 66.99 | 75.96 | 83.94 | 92.66 | 103.40 | | 116.58 | 130.07 | 144.78 | | 160.58 | 177.34 | 192.48 | 209.27 | 91 |
| 67 | 63.63 | 74.45 | 83.91 | 92.61 | 102.32 | 114.27 | | 128.77 | 143.36 | 159.02 | | 175.66 | 192.45 | 207.32 | 224.94 | 92 |
| 68 | 70.40 | 82.00 | 92.57 | 102.27 | 113.08 | 126.21 | | 141.92 | 157.47 | 173.95 | | 190.63 | 207.30 | 223.82 | 241.46 | 93 |
| 69 | 78.48 | 91.24 | 102.22 | 113.02 | 124.90 | 139.10 | | 155.89 | 172.25 | 188.78 | | 205.35 | 223.82 | 241.46 | 258.86 | 94 |
| 70 | 87.71 | 102.00 | 112.97 | 124.82 | 137.65 | 152.79 | | 170.53 | 186.94 | 203.39 | | 222.68 | 241.46 | 258.86 | 276.12 | 95 |
| 71 | 94.22 | 109.87 | 124.72 | 137.57 | 151.19 | 167.15 | | 185.09 | 201.42 | 221.56 | | 241.46 | 258.86 | 276.12 | 292.95 | 96 |
| 72 | 99.50 | 116.28 | 135.16 | 151.12 | 165.40 | 181.42 | | 199.45 | 220.43 | 241.46 | | 258.86 | 276.12 | 292.95 | 310.86 | 97 |
| 73 | 106.93 | 124.91 | 144.93 | 165.33 | 179.55 | 195.54 | | 219.31 | 241.46 | 258.86 | | 276.12 | 292.95 | 310.86 | 329.95 | 98 |
| 74 | 120.40 | 139.95 | 161.23 | 179.50 | 193.56 | 217.08 | | 241.46 | 258.86 | 276.12 | | 292.95 | 310.86 | 329.95 | 350.32 | 99 |
| 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 |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Male – Composite – Age Last Birthday | | | | | | | | | | | | | 5 of 6 | |
| Issue Age | Duration | | | | | | | | | | | | |  | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | | con't |
| 75 | 15.29 | 19.31 | 24.25 | 29.42 | 33.39 | 38.54 | 43.49 | 50.70 | 61.63 | 73.29 | 86.78 | 102.25 | 119.73 | | con't |
| 76 | 15.84 | 21.08 | 26.60 | 32.33 | 37.28 | 42.50 | 49.47 | 60.12 | 69.95 | 84.60 | 99.85 | 117.11 | 136.39 | | con't |
| 77 | 16.64 | 22.70 | 29.11 | 36.06 | 41.55 | 48.29 | 58.66 | 68.96 | 81.56 | 98.08 | 115.14 | 134.21 | 155.25 | | con't |
| 78 | 17.78 | 24.49 | 32.06 | 40.59 | 47.11 | 57.21 | 67.93 | 80.62 | 93.45 | 110.11 | 128.77 | 149.43 | 171.45 | | con't |
| 79 | 19.09 | 26.81 | 35.77 | 45.94 | 55.78 | 66.89 | 79.66 | 92.37 | 103.19 | 121.16 | 141.10 | 162.41 | 184.97 | | con't |
| 80 | 20.60 | 29.84 | 40.45 | 52.48 | 65.95 | 78.80 | 91.42 | 102.42 | 116.90 | 136.47 | 157.44 | 181.82 | 212.53 | | con't |
| 81 | 22.51 | 33.69 | 46.31 | 60.41 | 75.99 | 90.51 | 101.67 | 116.16 | 127.91 | 154.62 | 178.87 | 211.93 | 241.46 | | con't |
| 82 | 25.19 | 38.65 | 53.53 | 69.82 | 87.51 | 100.99 | 115.51 | 127.33 | 147.71 | 178.79 | 211.93 | 241.46 | 258.86 | | con't |
| 83 | 29.11 | 44.95 | 62.11 | 80.59 | 100.35 | 114.91 | 126.82 | 147.33 | 178.72 | 211.93 | 241.46 | 258.86 | 276.12 | | con't |
| 84 | 34.54 | 52.66 | 72.00 | 92.56 | 114.31 | 126.31 | 146.94 | 178.56 | 211.93 | 241.46 | 258.86 | 276.12 | 292.95 | | con't |
| 85 | 41.49 | 61.84 | 83.29 | 105.85 | 125.81 | 146.56 | 178.30 | 211.93 | 241.46 | 258.86 | 276.12 | 292.95 | 310.86 | | con't |
| 86 | 49.91 | 72.76 | 96.44 | 120.97 | 146.19 | 178.05 | 211.83 | 241.46 | 258.86 | 276.12 | 292.95 | 310.86 | 329.95 | | con't |
| 87 | 60.00 | 85.93 | 112.17 | 145.81 | 177.80 | 211.72 | 241.46 | 258.86 | 276.12 | 292.95 | 310.86 | 329.95 | 350.32 | | con't |
| 88 | 72.54 | 102.10 | 138.86 | 177.54 | 211.61 | 241.46 | 258.86 | 276.12 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | | con't |
| 89 | 88.94 | 130.71 | 172.87 | 211.50 | 241.46 | 258.86 | 276.12 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | | con't |
| 90 | 120.09 | 167.39 | 209.49 | 241.46 | 258.86 | 276.12 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | | con't |
| 91 | 160.27 | 207.15 | 241.46 | 258.86 | 276.12 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | | con't |
| 92 | 204.13 | 241.46 | 258.86 | 276.12 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | 445.35 | | con't |
| 93 | 241.46 | 258.86 | 276.12 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | 445.35 | 467.29 | | con't |
| 94 | 258.86 | 276.12 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | 445.35 | 467.29 | 490.57 | | con't |
| 95 | 276.12 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | 445.35 | 467.29 | 490.57 | 515.28 | | con't |
| 96 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | 445.35 | 467.29 | 490.57 | 515.28 | 541.49 | | con't |
| 97 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | 445.35 | 467.29 | 490.57 | 515.28 | 541.49 | 569.27 | | con't |
| 98 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | 445.35 | 467.29 | 490.57 | 515.28 | 541.49 | 569.27 | 598.70 | | con't |
| 99 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | 445.35 | 467.29 | 490.57 | 515.28 | 541.49 | 569.27 | 598.70 | 629.88 | | con't |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Male – Composite – Age Last Birthday | | | | | | | | | | | | | 6 of 6 | |
| Issue Age | Duration | | | | | | | | | | | | | | Att Age |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | Ultimate | |
| 75 | 139.23 | 160.69 | 179.49 | 193.54 | 215.96 | 241.46 | 258.86 | 276.12 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | | 100 |
| 76 | 157.64 | 177.99 | 193.54 | 215.96 | 241.46 | 258.86 | 276.12 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | | 101 |
| 77 | 175.37 | 192.50 | 215.96 | 241.46 | 258.86 | 276.12 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | | 102 |
| 78 | 191.59 | 215.96 | 241.46 | 258.86 | 276.12 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | | 103 |
| 79 | 214.85 | 241.46 | 258.86 | 276.12 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | 445.35 | | 104 |
| 80 | 241.46 | 258.86 | 276.12 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | 445.35 | 467.29 | | 105 |
| 81 | 258.86 | 276.12 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | 445.35 | 467.29 | 490.57 | | 106 |
| 82 | 276.12 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | 445.35 | 467.29 | 490.57 | 515.28 | | 107 |
| 83 | 292.95 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | 445.35 | 467.29 | 490.57 | 515.28 | 541.49 | | 108 |
| 84 | 310.86 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | 445.35 | 467.29 | 490.57 | 515.28 | 541.49 | 569.27 | | 109 |
| 85 | 329.95 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | 445.35 | 467.29 | 490.57 | 515.28 | 541.49 | 569.27 | 598.70 | | 110 |
| 86 | 350.32 | 369.76 | 386.96 | 405.25 | 424.70 | 445.35 | 467.29 | 490.57 | 515.28 | 541.49 | 569.27 | 598.70 | 629.88 | | 111 |
| 87 | 369.76 | 386.96 | 405.25 | 424.70 | 445.35 | 467.29 | 490.57 | 515.28 | 541.49 | 569.27 | 598.70 | 629.88 | 662.87 | | 112 |
| 88 | 386.96 | 405.25 | 424.70 | 445.35 | 467.29 | 490.57 | 515.28 | 541.49 | 569.27 | 598.70 | 629.88 | 662.87 | 697.78 | | 113 |
| 89 | 405.25 | 424.70 | 445.35 | 467.29 | 490.57 | 515.28 | 541.49 | 569.27 | 598.70 | 629.88 | 662.87 | 697.78 | 734.68 | | 114 |
| 90 | 424.70 | 445.35 | 467.29 | 490.57 | 515.28 | 541.49 | 569.27 | 598.70 | 629.88 | 662.87 | 697.78 | 734.68 | 773.66 | | 115 |
| 91 | 445.35 | 467.29 | 490.57 | 515.28 | 541.49 | 569.27 | 598.70 | 629.88 | 662.87 | 697.78 | 734.68 | 773.66 | 814.78 | | 116 |
| 92 | 467.29 | 490.57 | 515.28 | 541.49 | 569.27 | 598.70 | 629.88 | 662.87 | 697.78 | 734.68 | 773.66 | 814.78 | 858.15 | | 117 |
| 93 | 490.57 | 515.28 | 541.49 | 569.27 | 598.70 | 629.88 | 662.87 | 697.78 | 734.68 | 773.66 | 814.78 | 858.15 | 903.81 | | 118 |
| 94 | 515.28 | 541.49 | 569.27 | 598.70 | 629.88 | 662.87 | 697.78 | 734.68 | 773.66 | 814.78 | 858.15 | 903.81 | 951.67 | | 119 |
| 95 | 541.49 | 569.27 | 598.70 | 629.88 | 662.87 | 697.78 | 734.68 | 773.66 | 814.78 | 858.15 | 903.81 | 951.67 | 1,000.00 | | 120 |
| 96 | 569.27 | 598.70 | 629.88 | 662.87 | 697.78 | 734.68 | 773.66 | 814.78 | 858.15 | 903.81 | 951.67 | 1,000.00 |  | |  |
| 97 | 598.70 | 629.88 | 662.87 | 697.78 | 734.68 | 773.66 | 814.78 | 858.15 | 903.81 | 951.67 | 1,000.00 |  |  | |  |
| 98 | 629.88 | 662.87 | 697.78 | 734.68 | 773.66 | 814.78 | 858.15 | 903.81 | 951.67 | 1,000.00 |  |  |  | |  |
| 99 | 662.87 | 697.78 | 734.68 | 773.66 | 814.78 | 858.15 | 903.81 | 951.67 | 1,000.00 |  |  |  |  | |  |