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

**Section 1412.ILLUSTRATION B Male Nonsmoker Select & Ultimate Age Nearest Birthday**

|  |  |  |
| --- | --- | --- |
|  |  2001 CSO Table – Male – Nonsmoker – 1000qx  |  |
| IssueAge |  Duration  |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | con't |
| 0 |  |  |  |  |  |  |  |  |  |  |  |  |  | con't |
| 1 |  |  |  |  |  |  |  |  |  |  |  |  |  | con't |
| 2 |  |  |  |  |  |  |  |  |  |  |  |  |  | con't |
| 3 |  |  |  |  |  |  |  |  |  |  |  |  |  | con't |
| 4 |  |  |  |  |  |  |  |  |  |  |  |  | 0.66 | con't |
| 5 |  |  |  |  |  |  |  |  |  |  |  | 0.65 | 0.76 | con't |
| 6 |  |  |  |  |  |  |  |  |  |  | 0.65 | 0.76 | 0.85 | con't |
| 7 |  |  |  |  |  |  |  |  |  | 0.65 | 0.76 | 0.85 | 0.91 | con't |
| 8 |  |  |  |  |  |  |  |  | 0.64 | 0.76 | 0.85 | 0.90 | 0.92 | con't |
| 9 |  |  |  |  |  |  |  | 0.64 | 0.76 | 0.85 | 0.90 | 0.91 | 0.91 | con't |
| 10 |  |  |  |  |  |  | 0.64 | 0.75 | 0.85 | 0.89 | 0.90 | 0.90 | 0.90 | con't |
| 11 |  |  |  |  |  | 0.64 | 0.75 | 0.85 | 0.88 | 0.89 | 0.89 | 0.89 | 0.90 | con't |
| 12 |  |  |  |  | 0.64 | 0.75 | 0.85 | 0.87 | 0.88 | 0.88 | 0.88 | 0.89 | 0.91 | con't |
| 13 |  |  |  | 0.64 | 0.75 | 0.85 | 0.86 | 0.87 | 0.87 | 0.87 | 0.88 | 0.91 | 0.92 | con't |
| 14 |  |  | 0.64 | 0.75 | 0.85 | 0.86 | 0.87 | 0.87 | 0.87 | 0.88 | 0.89 | 0.91 | 0.95 | con't |
| 15 |  | 0.64 | 0.75 | 0.85 | 0.85 | 0.86 | 0.86 | 0.86 | 0.87 | 0.88 | 0.90 | 0.93 | 0.97 | con't |
| 16 | 0.64 | 0.75 | 0.84 | 0.84 | 0.85 | 0.85 | 0.85 | 0.86 | 0.87 | 0.88 | 0.91 | 0.95 | 0.96 | con't |
| 17 | 0.75 | 0.83 | 0.83 | 0.84 | 0.84 | 0.84 | 0.85 | 0.86 | 0.87 | 0.90 | 0.92 | 0.94 | 0.95 | con't |
| 18 | 0.82 | 0.82 | 0.83 | 0.83 | 0.83 | 0.84 | 0.85 | 0.85 | 0.88 | 0.89 | 0.90 | 0.92 | 0.93 | con't |
| 19 | 0.79 | 0.80 | 0.80 | 0.80 | 0.81 | 0.82 | 0.82 | 0.85 | 0.86 | 0.86 | 0.88 | 0.89 | 0.91 | con't |
| 20 | 0.76 | 0.76 | 0.76 | 0.77 | 0.78 | 0.79 | 0.80 | 0.82 | 0.82 | 0.83 | 0.85 | 0.87 | 0.90 | con't |
| 21 | 0.70 | 0.70 | 0.71 | 0.72 | 0.73 | 0.75 | 0.77 | 0.77 | 0.79 | 0.81 | 0.83 | 0.87 | 0.92 | con't |
| 22 | 0.65 | 0.66 | 0.67 | 0.68 | 0.71 | 0.72 | 0.73 | 0.75 | 0.76 | 0.80 | 0.83 | 0.88 | 0.93 | con't |
| 23 | 0.60 | 0.61 | 0.63 | 0.66 | 0.69 | 0.70 | 0.72 | 0.74 | 0.76 | 0.80 | 0.84 | 0.89 | 0.96 | con't |
| 24 | 0.55 | 0.56 | 0.61 | 0.65 | 0.68 | 0.70 | 0.72 | 0.75 | 0.78 | 0.82 | 0.88 | 0.93 | 1.01 | con't |
| 25 | 0.47 | 0.53 | 0.60 | 0.65 | 0.68 | 0.71 | 0.74 | 0.76 | 0.81 | 0.87 | 0.92 | 0.99 | 1.07 | con't |
| 26 | 0.45 | 0.53 | 0.60 | 0.67 | 0.70 | 0.73 | 0.75 | 0.80 | 0.85 | 0.91 | 0.97 | 1.05 | 1.15 | con't |
| 27 | 0.44 | 0.53 | 0.61 | 0.69 | 0.73 | 0.75 | 0.80 | 0.85 | 0.90 | 0.97 | 1.05 | 1.14 | 1.24 | con't |
| 28 | 0.44 | 0.54 | 0.63 | 0.70 | 0.75 | 0.79 | 0.84 | 0.90 | 0.96 | 1.04 | 1.14 | 1.24 | 1.36 | con't |
| 29 | 0.44 | 0.55 | 0.65 | 0.72 | 0.79 | 0.84 | 0.90 | 0.96 | 1.03 | 1.14 | 1.24 | 1.36 | 1.49 | con't |
| 30 | 0.44 | 0.56 | 0.65 | 0.74 | 0.83 | 0.90 | 0.96 | 1.03 | 1.13 | 1.23 | 1.34 | 1.46 | 1.60 | con't |
| 31 | 0.44 | 0.56 | 0.66 | 0.76 | 0.85 | 0.94 | 1.03 | 1.11 | 1.19 | 1.29 | 1.41 | 1.56 | 1.75 | con't |
| 32 | 0.44 | 0.55 | 0.68 | 0.77 | 0.87 | 0.97 | 1.07 | 1.15 | 1.24 | 1.34 | 1.48 | 1.68 | 1.92 | con't |
| 33 | 0.46 | 0.59 | 0.70 | 0.81 | 0.92 | 1.03 | 1.13 | 1.21 | 1.30 | 1.41 | 1.58 | 1.81 | 2.10 | con't |
| 34 | 0.50 | 0.61 | 0.74 | 0.85 | 0.98 | 1.08 | 1.20 | 1.29 | 1.39 | 1.53 | 1.73 | 1.99 | 2.28 | 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 |

|  |  |  |
| --- | --- | --- |
|  |  2001 CSO Table – Male – Nonsmoker – 1000qx  |  |
| Issue Age |  Duration  | Att Age |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | Ultimate |
| 0 |  |  |  | 0.74 | 0.85 | 0.92 | 0.94 | 0.95 | 0.95 | 0.95 | 0.96 | 0.97 | 0.98 | 25 |
| 1 |  |  | 0.71 | 0.81 | 0.90 | 0.93 | 0.95 | 0.95 | 0.95 | 0.96 | 0.97 | 0.98 | 1.02 | 26 |
| 2 |  | 0.68 | 0.78 | 0.87 | 0.92 | 0.94 | 0.95 | 0.95 | 0.96 | 0.97 | 0.98 | 1.01 | 1.07 | 27 |
| 3 | 0.66 | 0.76 | 0.85 | 0.91 | 0.94 | 0.95 | 0.95 | 0.96 | 0.97 | 0.98 | 1.00 | 1.04 | 1.05 | 28 |
| 4 | 0.76 | 0.85 | 0.91 | 0.94 | 0.95 | 0.95 | 0.96 | 0.97 | 0.98 | 1.00 | 1.02 | 1.02 | 1.03 | 29 |
| 5 | 0.85 | 0.91 | 0.94 | 0.95 | 0.95 | 0.96 | 0.97 | 0.98 | 0.99 | 1.00 | 1.00 | 1.01 | 1.02 | 30 |
| 6 | 0.91 | 0.94 | 0.94 | 0.94 | 0.95 | 0.96 | 0.96 | 0.97 | 0.98 | 0.98 | 0.99 | 1.00 | 1.01 | 31 |
| 7 | 0.93 | 0.93 | 0.93 | 0.94 | 0.95 | 0.95 | 0.96 | 0.97 | 0.97 | 0.98 | 0.99 | 1.00 | 1.01 | 32 |
| 8 | 0.92 | 0.92 | 0.93 | 0.95 | 0.95 | 0.96 | 0.97 | 0.97 | 0.98 | 0.99 | 1.00 | 1.01 | 1.04 | 33 |
| 9 | 0.91 | 0.92 | 0.93 | 0.95 | 0.96 | 0.97 | 0.97 | 0.98 | 0.99 | 1.00 | 1.01 | 1.04 | 1.06 | 34 |
| 10 | 0.91 | 0.93 | 0.94 | 0.96 | 0.97 | 0.97 | 0.98 | 0.99 | 1.00 | 1.01 | 1.04 | 1.06 | 1.09 | 35 |
| 11 | 0.92 | 0.93 | 0.96 | 0.97 | 0.97 | 0.98 | 0.99 | 1.00 | 1.01 | 1.04 | 1.06 | 1.09 | 1.15 | 36 |
| 12 | 0.93 | 0.96 | 0.97 | 0.97 | 0.98 | 0.99 | 1.00 | 1.01 | 1.04 | 1.06 | 1.09 | 1.15 | 1.20 | 37 |
| 13 | 0.96 | 0.97 | 0.97 | 0.98 | 0.99 | 1.00 | 1.01 | 1.04 | 1.06 | 1.09 | 1.15 | 1.20 | 1.29 | 38 |
| 14 | 0.97 | 0.97 | 0.98 | 0.99 | 1.00 | 1.01 | 1.04 | 1.06 | 1.09 | 1.15 | 1.20 | 1.29 | 1.37 | 39 |
| 15 | 0.97 | 0.98 | 0.99 | 1.00 | 1.01 | 1.04 | 1.06 | 1.09 | 1.15 | 1.20 | 1.29 | 1.37 | 1.46 | 40 |
| 16 | 0.98 | 0.99 | 1.00 | 1.01 | 1.04 | 1.06 | 1.09 | 1.15 | 1.20 | 1.29 | 1.37 | 1.46 | 1.58 | 41 |
| 17 | 0.96 | 0.97 | 0.98 | 1.04 | 1.06 | 1.09 | 1.15 | 1.20 | 1.29 | 1.37 | 1.46 | 1.58 | 1.73 | 42 |
| 18 | 0.96 | 0.98 | 1.00 | 1.06 | 1.08 | 1.15 | 1.20 | 1.29 | 1.37 | 1.46 | 1.58 | 1.73 | 1.90 | 43 |
| 19 | 0.95 | 1.00 | 1.03 | 1.08 | 1.15 | 1.20 | 1.29 | 1.36 | 1.46 | 1.58 | 1.73 | 1.90 | 2.10 | 44 |
| 20 | 0.96 | 1.03 | 1.08 | 1.14 | 1.20 | 1.29 | 1.36 | 1.46 | 1.58 | 1.73 | 1.90 | 2.10 | 2.33 | 45 |
| 21 | 0.98 | 1.06 | 1.14 | 1.20 | 1.29 | 1.36 | 1.46 | 1.58 | 1.73 | 1.90 | 2.10 | 2.33 | 2.55 | 46 |
| 22 | 1.01 | 1.11 | 1.20 | 1.29 | 1.36 | 1.46 | 1.58 | 1.73 | 1.90 | 2.10 | 2.33 | 2.55 | 2.79 | 47 |
| 23 | 1.05 | 1.16 | 1.28 | 1.36 | 1.46 | 1.58 | 1.73 | 1.90 | 2.10 | 2.33 | 2.55 | 2.79 | 2.93 | 48 |
| 24 | 1.10 | 1.24 | 1.35 | 1.46 | 1.58 | 1.73 | 1.90 | 2.10 | 2.33 | 2.55 | 2.77 | 2.93 | 3.09 | 49 |
| 25 | 1.18 | 1.31 | 1.45 | 1.58 | 1.73 | 1.90 | 2.10 | 2.33 | 2.55 | 2.75 | 2.93 | 3.09 | 3.32 | 50 |
| 26 | 1.27 | 1.41 | 1.58 | 1.73 | 1.90 | 2.10 | 2.33 | 2.55 | 2.75 | 2.92 | 3.09 | 3.32 | 3.59 | 51 |
| 27 | 1.39 | 1.53 | 1.72 | 1.90 | 2.10 | 2.32 | 2.55 | 2.74 | 2.91 | 3.09 | 3.32 | 3.59 | 3.96 | 52 |
| 28 | 1.52 | 1.68 | 1.90 | 2.09 | 2.31 | 2.55 | 2.73 | 2.91 | 3.09 | 3.32 | 3.59 | 3.96 | 4.36 | 53 |
| 29 | 1.64 | 1.85 | 2.08 | 2.30 | 2.54 | 2.73 | 2.90 | 3.09 | 3.32 | 3.59 | 3.96 | 4.36 | 4.87 | 54 |
| 30 | 1.79 | 2.00 | 2.26 | 2.49 | 2.70 | 2.90 | 3.09 | 3.32 | 3.59 | 3.94 | 4.36 | 4.84 | 5.50 | 55 |
| 31 | 1.96 | 2.22 | 2.46 | 2.68 | 2.88 | 3.08 | 3.31 | 3.57 | 3.92 | 4.35 | 4.84 | 5.39 | 6.14 | 56 |
| 32 | 2.18 | 2.44 | 2.66 | 2.88 | 3.08 | 3.31 | 3.57 | 3.91 | 4.35 | 4.82 | 5.35 | 5.98 | 6.83 | 57 |
| 33 | 2.37 | 2.62 | 2.85 | 3.07 | 3.31 | 3.57 | 3.90 | 4.34 | 4.80 | 5.32 | 5.92 | 6.56 | 7.42 | 58 |
| 34 | 2.57 | 2.82 | 3.04 | 3.30 | 3.57 | 3.90 | 4.30 | 4.76 | 5.28 | 5.86 | 6.50 | 7.15 | 8.10 | 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 |

|  |  |  |
| --- | --- | --- |
|  |  2001 CSO Table – Male – Nonsmoker – 1000qx  |  |
| Issue Age |  Duration  |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | con't |
| 35 | 0.53 | 0.64 | 0.77 | 0.90 | 1.01 | 1.14 | 1.26 | 1.38 | 1.52 | 1.69 | 1.91 | 2.17 | 2.46 | con't |
| 36 | 0.55 | 0.68 | 0.81 | 0.93 | 1.07 | 1.19 | 1.33 | 1.51 | 1.68 | 1.89 | 2.11 | 2.37 | 2.66 | con't |
| 37 | 0.59 | 0.70 | 0.84 | 0.97 | 1.10 | 1.25 | 1.44 | 1.65 | 1.87 | 2.08 | 2.30 | 2.54 | 2.85 | con't |
| 38 | 0.63 | 0.77 | 0.91 | 1.03 | 1.17 | 1.35 | 1.57 | 1.82 | 2.06 | 2.27 | 2.48 | 2.74 | 3.07 | con't |
| 39 | 0.68 | 0.84 | 0.98 | 1.11 | 1.27 | 1.47 | 1.74 | 1.98 | 2.23 | 2.45 | 2.67 | 2.96 | 3.32 | con't |
| 40 | 0.73 | 0.90 | 1.05 | 1.19 | 1.38 | 1.63 | 1.90 | 2.17 | 2.40 | 2.63 | 2.90 | 3.24 | 3.62 | con't |
| 41 | 0.77 | 0.97 | 1.15 | 1.33 | 1.54 | 1.80 | 2.09 | 2.35 | 2.60 | 2.87 | 3.19 | 3.57 | 3.99 | con't |
| 42 | 0.82 | 1.06 | 1.28 | 1.47 | 1.70 | 1.97 | 2.27 | 2.54 | 2.83 | 3.15 | 3.52 | 3.94 | 4.40 | con't |
| 43 | 0.87 | 1.12 | 1.36 | 1.58 | 1.82 | 2.09 | 2.41 | 2.72 | 3.06 | 3.42 | 3.84 | 4.32 | 4.89 | con't |
| 44 | 0.93 | 1.19 | 1.44 | 1.67 | 1.91 | 2.22 | 2.57 | 2.95 | 3.31 | 3.71 | 4.16 | 4.79 | 5.43 | con't |
| 45 | 1.01 | 1.28 | 1.52 | 1.76 | 2.05 | 2.37 | 2.77 | 3.19 | 3.62 | 4.04 | 4.60 | 5.33 | 5.96 | con't |
| 46 | 1.09 | 1.35 | 1.59 | 1.86 | 2.18 | 2.58 | 3.03 | 3.50 | 3.97 | 4.48 | 5.12 | 5.86 | 6.47 | con't |
| 47 | 1.18 | 1.42 | 1.67 | 1.98 | 2.36 | 2.79 | 3.30 | 3.83 | 4.35 | 4.98 | 5.64 | 6.36 | 6.99 | con't |
| 48 | 1.27 | 1.52 | 1.81 | 2.15 | 2.54 | 3.01 | 3.56 | 4.15 | 4.75 | 5.48 | 6.13 | 6.86 | 7.60 | con't |
| 49 | 1.34 | 1.65 | 1.98 | 2.34 | 2.76 | 3.25 | 3.83 | 4.51 | 5.14 | 5.87 | 6.61 | 7.47 | 8.44 | con't |
| 50 | 1.46 | 1.80 | 2.16 | 2.56 | 2.97 | 3.49 | 4.14 | 4.85 | 5.51 | 6.26 | 7.17 | 8.28 | 9.51 | con't |
| 51 | 1.58 | 1.99 | 2.39 | 2.80 | 3.24 | 3.77 | 4.43 | 5.14 | 5.90 | 6.77 | 7.90 | 9.34 | 10.76 | con't |
| 52 | 1.71 | 2.18 | 2.64 | 3.08 | 3.53 | 4.05 | 4.72 | 5.50 | 6.38 | 7.48 | 8.87 | 10.53 | 12.04 | con't |
| 53 | 1.80 | 2.35 | 2.86 | 3.37 | 3.85 | 4.41 | 5.14 | 6.06 | 7.07 | 8.41 | 10.03 | 11.81 | 12.95 | con't |
| 54 | 1.88 | 2.52 | 3.11 | 3.64 | 4.15 | 4.79 | 5.66 | 6.76 | 7.94 | 9.49 | 11.21 | 12.67 | 14.08 | con't |
| 55 | 1.97 | 2.70 | 3.36 | 3.91 | 4.48 | 5.26 | 6.31 | 7.58 | 8.90 | 10.55 | 11.97 | 13.71 | 15.42 | con't |
| 56 | 2.07 | 2.89 | 3.59 | 4.21 | 4.88 | 5.83 | 7.06 | 8.47 | 9.87 | 11.24 | 12.92 | 14.90 | 16.95 | con't |
| 57 | 2.18 | 3.05 | 3.84 | 4.58 | 5.39 | 6.50 | 7.88 | 9.38 | 10.82 | 12.47 | 14.41 | 16.57 | 18.75 | con't |
| 58 | 2.34 | 3.25 | 4.12 | 5.00 | 6.01 | 7.26 | 8.72 | 10.24 | 11.67 | 13.52 | 15.72 | 18.33 | 20.95 | con't |
| 59 | 2.53 | 3.48 | 4.46 | 5.49 | 6.68 | 8.06 | 9.58 | 11.07 | 12.47 | 14.55 | 17.05 | 20.14 | 23.49 | con't |
| 60 | 2.78 | 3.75 | 4.83 | 6.03 | 7.37 | 8.86 | 10.41 | 11.89 | 13.30 | 15.64 | 18.55 | 22.02 | 25.97 | con't |
| 61 | 3.06 | 4.07 | 5.23 | 6.56 | 8.08 | 9.67 | 11.24 | 12.71 | 14.14 | 16.84 | 20.09 | 23.80 | 27.89 | con't |
| 62 | 3.38 | 4.42 | 5.68 | 7.15 | 8.80 | 10.51 | 12.14 | 13.65 | 15.18 | 18.19 | 21.66 | 25.51 | 29.82 | con't |
| 63 | 3.61 | 4.83 | 6.27 | 7.88 | 9.65 | 11.46 | 13.20 | 14.85 | 16.57 | 19.80 | 23.45 | 27.53 | 32.19 | con't |
| 64 | 3.80 | 5.27 | 6.90 | 8.68 | 10.60 | 12.53 | 14.43 | 16.31 | 18.24 | 21.66 | 25.55 | 30.01 | 35.20 | con't |
| 65 | 3.96 | 5.70 | 7.58 | 9.58 | 11.65 | 13.75 | 15.82 | 17.90 | 20.07 | 23.75 | 28.01 | 32.99 | 38.84 | con't |
| 66 | 4.10 | 6.33 | 8.40 | 10.55 | 12.90 | 15.14 | 17.33 | 19.59 | 22.07 | 26.09 | 30.86 | 36.46 | 43.16 | con't |
| 67 | 4.37 | 7.04 | 9.30 | 11.63 | 14.31 | 16.68 | 19.01 | 21.44 | 24.20 | 28.70 | 34.06 | 40.48 | 48.10 | con't |
| 68 | 4.92 | 7.82 | 10.32 | 12.83 | 15.62 | 18.44 | 21.24 | 24.07 | 26.97 | 32.09 | 38.27 | 45.60 | 54.04 | con't |
| 69 | 5.45 | 8.70 | 11.45 | 14.15 | 16.43 | 20.46 | 23.31 | 26.11 | 29.38 | 35.22 | 42.18 | 50.21 | 59.68 | 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 |

|  |  |  |
| --- | --- | --- |
|  |  2001 CSO Table – Male – Nonsmoker – 1000qx  |  |
| Issue Age |  Duration  | Att Age |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | Ultimate |
| 35 | 2.75 | 3.02 | 3.28 | 3.57 | 3.90 | 4.29 | 4.72 | 5.23 | 5.80 | 6.43 | 7.08 | 7.76 | 8.92 | 60 |
| 36 | 2.97 | 3.27 | 3.57 | 3.89 | 4.27 | 4.70 | 5.17 | 5.75 | 6.37 | 7.02 | 7.73 | 8.47 | 9.92 | 61 |
| 37 | 3.21 | 3.55 | 3.89 | 4.26 | 4.67 | 5.15 | 5.68 | 6.30 | 6.94 | 7.66 | 8.45 | 9.39 | 11.14 | 62 |
| 38 | 3.44 | 3.83 | 4.23 | 4.66 | 5.12 | 5.65 | 6.23 | 6.87 | 7.60 | 8.42 | 9.36 | 10.59 | 12.51 | 63 |
| 39 | 3.72 | 4.15 | 4.61 | 5.08 | 5.63 | 6.21 | 6.81 | 7.53 | 8.38 | 9.33 | 10.55 | 11.93 | 13.95 | 64 |
| 40 | 4.05 | 4.52 | 5.02 | 5.58 | 6.17 | 6.79 | 7.47 | 8.32 | 9.28 | 10.49 | 11.81 | 13.26 | 15.47 | 65 |
| 41 | 4.45 | 4.98 | 5.55 | 6.13 | 6.76 | 7.45 | 8.24 | 9.23 | 10.42 | 11.71 | 13.20 | 14.54 | 17.01 | 66 |
| 42 | 4.94 | 5.55 | 6.09 | 6.70 | 7.41 | 8.23 | 9.16 | 10.32 | 11.60 | 13.05 | 14.47 | 15.68 | 18.57 | 67 |
| 43 | 5.49 | 6.08 | 6.61 | 7.35 | 8.18 | 9.14 | 10.22 | 11.49 | 12.84 | 14.25 | 15.59 | 17.16 | 20.25 | 68 |
| 44 | 6.03 | 6.59 | 7.26 | 8.11 | 9.09 | 10.18 | 11.36 | 12.69 | 14.08 | 15.48 | 16.94 | 18.72 | 21.99 | 69 |
| 45 | 6.51 | 7.14 | 8.00 | 9.00 | 10.11 | 11.29 | 12.53 | 13.89 | 15.29 | 16.70 | 18.60 | 20.74 | 24.10 | 70 |
| 46 | 7.04 | 7.91 | 8.92 | 10.05 | 11.27 | 12.51 | 13.76 | 15.13 | 16.51 | 18.34 | 20.63 | 23.22 | 26.46 | 71 |
| 47 | 7.73 | 8.80 | 9.98 | 11.23 | 12.50 | 13.76 | 15.01 | 16.32 | 18.08 | 20.35 | 23.11 | 26.12 | 29.56 | 72 |
| 48 | 8.58 | 9.84 | 11.18 | 12.48 | 13.76 | 15.01 | 16.18 | 17.85 | 20.06 | 22.80 | 25.99 | 29.22 | 32.83 | 73 |
| 49 | 9.59 | 10.99 | 12.46 | 13.76 | 15.01 | 16.16 | 17.63 | 19.81 | 22.50 | 25.64 | 29.09 | 32.43 | 36.27 | 74 |
| 50 | 10.85 | 12.26 | 13.76 | 14.99 | 16.13 | 17.57 | 19.58 | 22.22 | 25.32 | 28.69 | 32.27 | 35.77 | 40.03 | 75 |
| 51 | 12.16 | 13.43 | 14.96 | 16.09 | 17.48 | 19.49 | 21.95 | 25.00 | 28.33 | 31.84 | 35.62 | 39.45 | 44.13 | 76 |
| 52 | 13.06 | 14.56 | 16.04 | 17.40 | 19.39 | 21.83 | 24.72 | 28.00 | 31.47 | 35.18 | 39.30 | 43.56 | 48.89 | 77 |
| 53 | 14.22 | 15.72 | 17.31 | 19.29 | 21.71 | 24.31 | 27.69 | 31.11 | 34.76 | 38.82 | 43.42 | 48.30 | 54.45 | 78 |
| 54 | 15.57 | 17.23 | 19.18 | 21.58 | 24.23 | 27.23 | 30.79 | 34.40 | 38.39 | 42.92 | 48.16 | 53.80 | 60.87 | 79 |
| 55 | 17.15 | 19.08 | 21.45 | 24.14 | 27.00 | 30.25 | 34.05 | 37.99 | 42.45 | 47.61 | 53.67 | 60.16 | 67.87 | 80 |
| 56 | 18.97 | 21.33 | 24.12 | 26.97 | 29.94 | 33.39 | 37.56 | 41.97 | 47.07 | 53.06 | 60.01 | 67.10 | 75.84 | 81 |
| 57 | 21.20 | 24.08 | 26.93 | 29.90 | 33.03 | 36.83 | 41.51 | 46.54 | 52.46 | 59.34 | 66.94 | 74.99 | 84.14 | 82 |
| 58 | 23.78 | 26.89 | 29.85 | 32.99 | 36.42 | 40.68 | 46.04 | 51.87 | 58.68 | 66.20 | 74.83 | 83.22 | 93.09 | 83 |
| 59 | 26.56 | 29.79 | 32.92 | 36.35 | 40.22 | 45.10 | 51.33 | 58.03 | 65.47 | 74.01 | 83.06 | 92.07 | 103.00 | 84 |
| 60 | 29.41 | 32.84 | 36.27 | 40.14 | 44.59 | 50.27 | 57.42 | 64.76 | 73.19 | 82.13 | 91.87 | 101.83 | 114.07 | 85 |
| 61 | 32.43 | 36.17 | 40.03 | 44.49 | 49.67 | 56.21 | 64.09 | 72.41 | 81.24 | 90.87 | 101.64 | 112.80 | 126.34 | 86 |
| 62 | 34.72 | 39.92 | 44.36 | 49.54 | 55.54 | 62.72 | 71.69 | 80.39 | 89.91 | 100.55 | 112.62 | 124.98 | 139.74 | 87 |
| 63 | 37.61 | 43.97 | 49.39 | 55.38 | 61.94 | 70.13 | 79.60 | 89.00 | 99.53 | 111.45 | 124.81 | 138.26 | 154.10 | 88 |
| 64 | 41.30 | 48.57 | 55.20 | 61.75 | 69.24 | 77.86 | 88.15 | 98.55 | 110.34 | 123.54 | 138.11 | 152.50 | 169.25 | 89 |
| 65 | 45.83 | 54.13 | 61.53 | 69.01 | 76.86 | 86.19 | 97.62 | 109.28 | 122.35 | 136.75 | 152.39 | 167.54 | 185.06 | 90 |
| 66 | 51.11 | 60.24 | 68.82 | 76.62 | 85.06 | 95.38 | 108.18 | 121.10 | 135.37 | 150.85 | 167.41 | 183.21 | 199.93 | 91 |
| 67 | 56.84 | 67.14 | 76.42 | 84.82 | 94.15 | 105.74 | 119.89 | 134.02 | 149.33 | 165.73 | 183.08 | 197.94 | 215.43 | 92 |
| 68 | 63.99 | 75.01 | 84.62 | 93.91 | 104.39 | 117.20 | 132.68 | 147.84 | 164.08 | 181.27 | 197.82 | 213.33 | 231.78 | 93 |
| 69 | 70.20 | 82.10 | 93.72 | 104.14 | 115.74 | 129.74 | 146.40 | 162.49 | 179.50 | 195.92 | 213.25 | 231.69 | 249.05 | 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 |

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| --- | --- | --- |
|  |  2001 CSO Table – Male – Nonsmoker – 1000qx  | 5 of 6 |
| IssueAge |  Duration  |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | con't |
| 70 | 6.04 | 9.69 | 12.71 | 15.63 | 17.25 | 22.60 | 25.30 | 28.30 | 34.12 | 40.95 | 48.83 | 58.11 | 68.45 | con't |
| 71 | 7.34 | 10.80 | 14.11 | 16.51 | 19.87 | 24.49 | 27.21 | 33.73 | 37.98 | 45.53 | 54.41 | 64.33 | 75.57 | con't |
| 72 | 8.97 | 12.01 | 15.64 | 18.99 | 22.43 | 26.07 | 30.01 | 34.38 | 39.41 | 47.62 | 56.77 | 67.19 | 79.22 | con't |
| 73 | 10.26 | 14.31 | 17.98 | 21.31 | 24.48 | 27.75 | 31.43 | 37.69 | 41.72 | 50.29 | 60.01 | 71.27 | 84.39 | con't |
| 74 | 11.86 | 15.74 | 19.67 | 23.45 | 26.91 | 30.21 | 36.06 | 40.41 | 45.08 | 54.55 | 65.20 | 77.64 | 92.06 | con't |
| 75 | 13.75 | 16.85 | 21.35 | 26.13 | 29.43 | 34.61 | 39.26 | 44.22 | 54.46 | 64.65 | 77.14 | 91.47 | 107.90 | con't |
| 76 | 14.29 | 18.71 | 23.55 | 28.64 | 33.17 | 38.08 | 43.28 | 52.70 | 64.10 | 76.63 | 90.89 | 107.24 | 125.67 | con't |
| 77 | 14.88 | 20.25 | 25.86 | 31.76 | 36.91 | 42.31 | 50.94 | 62.53 | 70.66 | 87.51 | 103.47 | 121.51 | 141.64 | con't |
| 78 | 15.89 | 21.85 | 28.39 | 35.83 | 41.44 | 49.34 | 61.13 | 69.87 | 87.18 | 103.36 | 121.38 | 141.48 | 163.61 | con't |
| 79 | 17.10 | 23.74 | 31.56 | 40.49 | 47.68 | 59.59 | 68.87 | 85.58 | 93.62 | 110.91 | 129.99 | 151.13 | 173.01 | con't |
| 80 | 18.44 | 26.34 | 35.55 | 46.16 | 58.22 | 68.02 | 84.22 | 92.56 | 106.81 | 125.77 | 146.52 | 168.06 | 191.64 | con't |
| 81 | 20.08 | 29.60 | 40.62 | 53.17 | 67.29 | 82.94 | 91.58 | 105.74 | 120.80 | 141.38 | 162.56 | 190.42 | 230.14 | con't |
| 82 | 22.19 | 33.80 | 46.93 | 61.61 | 77.83 | 90.65 | 104.75 | 119.79 | 128.40 | 162.32 | 190.27 | 229.96 | 247.38 | con't |
| 83 | 25.30 | 39.24 | 54.65 | 71.51 | 89.87 | 103.88 | 118.95 | 127.65 | 161.77 | 190.14 | 229.80 | 247.21 | 265.59 | con't |
| 84 | 29.78 | 46.03 | 63.66 | 82.69 | 103.03 | 118.15 | 126.91 | 161.09 | 189.70 | 229.66 | 247.05 | 265.43 | 282.30 | con't |
| 85 | 35.79 | 54.22 | 73.98 | 94.91 | 117.36 | 126.21 | 160.46 | 189.29 | 229.18 | 246.92 | 265.28 | 282.16 | 300.12 | con't |
| 86 | 43.26 | 63.81 | 85.59 | 108.74 | 125.53 | 159.84 | 188.73 | 228.72 | 246.45 | 265.15 | 282.01 | 299.99 | 319.15 | con't |
| 87 | 52.02 | 75.29 | 99.61 | 124.85 | 159.27 | 188.19 | 228.32 | 246.01 | 264.70 | 281.90 | 299.87 | 319.02 | 339.47 | con't |
| 88 | 62.57 | 89.44 | 116.63 | 158.68 | 187.69 | 227.93 | 245.62 | 264.28 | 281.48 | 299.75 | 318.92 | 339.36 | 361.20 | con't |
| 89 | 76.29 | 107.07 | 153.05 | 187.18 | 227.59 | 245.25 | 263.91 | 281.09 | 299.37 | 318.82 | 339.26 | 361.10 | 378.56 | con't |
| 90 | 94.66 | 146.50 | 183.28 | 227.25 | 244.91 | 263.55 | 280.73 | 299.01 | 318.47 | 339.19 | 361.02 | 378.50 | 396.99 | con't |
| 91 | 138.07 | 178.80 | 226.91 | 244.58 | 263.23 | 280.40 | 298.68 | 318.14 | 338.88 | 360.96 | 378.44 | 396.94 | 416.60 | con't |
| 92 | 173.06 | 226.57 | 244.25 | 262.93 | 280.10 | 298.39 | 317.85 | 338.61 | 360.70 | 378.39 | 396.90 | 416.58 | 437.48 | con't |
| 93 | 226.23 | 243.92 | 262.61 | 279.82 | 298.11 | 317.58 | 338.34 | 360.47 | 378.20 | 396.87 | 416.56 | 437.48 | 459.13 | con't |
| 94 | 243.60 | 262.29 | 279.52 | 297.84 | 317.34 | 338.11 | 360.25 | 378.04 | 396.73 | 416.54 | 437.48 | 459.13 | 482.15 | con't |
| 95 | 261.98 | 279.23 | 297.57 | 317.10 | 337.89 | 360.05 | 377.88 | 396.62 | 416.48 | 437.48 | 459.13 | 482.15 | 506.62 | con't |
| 96 | 278.94 | 297.30 | 316.86 | 337.68 | 359.87 | 377.74 | 396.51 | 416.42 | 437.48 | 459.13 | 482.15 | 506.62 | 532.63 | con't |
| 97 | 297.03 | 316.61 | 337.47 | 359.69 | 377.61 | 396.41 | 416.36 | 437.48 | 459.13 | 482.15 | 506.62 | 532.63 | 560.26 | con't |
| 98 | 316.37 | 337.26 | 359.52 | 377.49 | 396.32 | 416.31 | 437.48 | 459.13 | 482.15 | 506.62 | 532.63 | 560.26 | 589.59 | con't |
| 99 | 337.05 | 359.34 | 377.36 | 396.24 | 416.26 | 437.48 | 459.13 | 482.15 | 506.62 | 532.63 | 560.26 | 589.59 | 620.74 | con't |

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|  |  2001 CSO Table – Male – Nonsmoker – 1000qx  | 6 of 6 |
| Issue Age |  Duration  | Att Age |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | Ultimate |
| 70 | 80.13 | 93.56 | 103.95 | 115.49 | 128.15 | 143.18 | 160.91 | 177.75 | 194.00 | 211.17 | 231.64 | 248.92 | 267.19 | 95 |
| 71 | 88.49 | 103.48 | 115.31 | 127.91 | 141.46 | 157.42 | 176.06 | 192.16 | 209.19 | 231.61 | 248.85 | 267.08 | 283.79 | 96 |
| 72 | 93.20 | 109.31 | 127.65 | 141.24 | 155.56 | 172.30 | 190.38 | 207.26 | 231.57 | 248.80 | 267.06 | 283.79 | 301.49 | 97 |
| 73 | 99.53 | 116.84 | 136.28 | 155.36 | 170.33 | 186.38 | 205.41 | 231.54 | 248.77 | 267.00 | 283.79 | 301.49 | 320.38 | 98 |
| 74 | 108.56 | 127.17 | 147.87 | 170.17 | 184.32 | 201.19 | 231.51 | 248.74 | 266.96 | 283.79 | 301.49 | 320.38 | 340.54 | 99 |
| 75 | 126.42 | 147.03 | 170.14 | 184.24 | 199.08 | 231.48 | 248.71 | 266.92 | 283.79 | 301.49 | 320.38 | 340.54 | 362.10 | 100 |
| 76 | 146.19 | 168.75 | 183.97 | 198.78 | 231.45 | 248.68 | 266.88 | 283.79 | 301.49 | 320.38 | 340.54 | 362.10 | 379.21 | 101 |
| 77 | 163.80 | 181.86 | 198.50 | 231.12 | 248.65 | 266.84 | 283.79 | 301.49 | 320.38 | 340.54 | 362.10 | 379.21 | 397.44 | 102 |
| 78 | 181.65 | 198.25 | 230.82 | 248.32 | 266.79 | 283.75 | 301.49 | 320.38 | 340.54 | 362.10 | 379.21 | 397.44 | 416.84 | 103 |
| 79 | 196.03 | 230.56 | 248.04 | 266.49 | 283.42 | 301.45 | 320.38 | 340.54 | 362.10 | 379.21 | 397.44 | 416.84 | 437.48 | 104 |
| 80 | 230.34 | 247.79 | 266.21 | 283.13 | 301.15 | 320.33 | 340.54 | 362.10 | 379.21 | 397.44 | 416.84 | 437.48 | 459.13 | 105 |
| 81 | 247.57 | 265.98 | 282.88 | 300.88 | 320.06 | 340.51 | 362.10 | 379.21 | 397.44 | 416.84 | 437.48 | 459.13 | 482.15 | 106 |
| 82 | 265.77 | 282.66 | 300.65 | 319.83 | 340.27 | 362.07 | 379.21 | 397.44 | 416.84 | 437.48 | 459.13 | 482.15 | 506.62 | 107 |
| 83 | 282.47 | 300.45 | 319.62 | 340.06 | 361.86 | 379.18 | 397.44 | 416.84 | 437.48 | 459.13 | 482.15 | 506.62 | 532.63 | 108 |
| 84 | 300.28 | 319.44 | 339.89 | 361.69 | 379.04 | 397.41 | 416.84 | 437.48 | 459.13 | 482.15 | 506.62 | 532.63 | 560.26 | 109 |
| 85 | 319.28 | 339.73 | 361.54 | 378.91 | 397.31 | 416.83 | 437.48 | 459.13 | 482.15 | 506.62 | 532.63 | 560.26 | 589.59 | 110 |
| 86 | 339.60 | 361.41 | 378.81 | 397.23 | 416.78 | 437.48 | 459.13 | 482.15 | 506.62 | 532.63 | 560.26 | 589.59 | 620.74 | 111 |
| 87 | 361.30 | 378.71 | 397.15 | 416.73 | 437.48 | 459.13 | 482.15 | 506.62 | 532.63 | 560.26 | 589.59 | 620.74 | 653.80 | 112 |
| 88 | 378.63 | 397.09 | 416.69 | 437.48 | 459.13 | 482.15 | 506.62 | 532.63 | 560.26 | 589.59 | 620.74 | 653.80 | 688.91 | 113 |
| 89 | 397.03 | 416.66 | 437.48 | 459.13 | 482.15 | 506.62 | 532.63 | 560.26 | 589.59 | 620.74 | 653.80 | 688.91 | 726.15 | 114 |
| 90 | 416.63 | 437.48 | 459.13 | 482.15 | 506.62 | 532.63 | 560.26 | 589.59 | 620.74 | 653.80 | 688.91 | 726.15 | 765.67 | 115 |
| 91 | 437.48 | 459.13 | 482.15 | 506.62 | 532.63 | 560.26 | 589.59 | 620.74 | 653.80 | 688.91 | 726.15 | 765.67 | 807.59 | 116 |
| 92 | 459.13 | 482.15 | 506.62 | 532.63 | 560.26 | 589.59 | 620.74 | 653.80 | 688.91 | 726.15 | 765.67 | 807.59 | 852.05 | 117 |
| 93 | 482.15 | 506.62 | 532.63 | 560.26 | 589.59 | 620.74 | 653.80 | 688.91 | 726.15 | 765.67 | 807.59 | 852.05 | 899.22 | 118 |
| 94 | 506.62 | 532.63 | 560.26 | 589.59 | 620.74 | 653.80 | 688.91 | 726.15 | 765.67 | 807.59 | 852.05 | 899.22 | 949.22 | 119 |
| 95 | 532.63 | 560.26 | 589.59 | 620.74 | 653.80 | 688.91 | 726.15 | 765.67 | 807.59 | 852.05 | 899.22 | 949.22 | 1000.00 | 120 |
| 96 | 560.26 | 589.59 | 620.74 | 653.80 | 688.91 | 726.15 | 765.67 | 807.59 | 852.05 | 899.22 | 949.22 | 1000.00 |  |  |
| 97 | 589.59 | 620.74 | 653.80 | 688.91 | 726.15 | 765.67 | 807.59 | 852.05 | 899.22 | 949.22 | 1000.00 |  |  |  |
| 98 | 620.74 | 653.80 | 688.91 | 726.15 | 765.67 | 807.59 | 852.05 | 899.22 | 949.22 | 1000.00 |  |  |  |  |
| 99 | 653.80 | 688.91 | 726.15 | 765.67 | 807.59 | 852.05 | 899.22 | 949.22 | 1000.00 |  |  |  |  |  |