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

**Section 1412.ILLUSTRATION D Female Composite Select & Ultimate Age Nearest Birthday**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 2001 CSO Table – Female – Composite – 1000qx | | | | | | | | | | | | |  | |
| Issue Age | Duration | | | | | | | | | | | | |  | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | | con't |
| 0 | 0.48 | 0.35 | 0.26 | 0.20 | 0.19 | 0.18 | 0.18 | 0.21 | 0.21 | 0.21 | 0.22 | 0.23 | 0.27 | | con't |
| 1 | 0.35 | 0.26 | 0.19 | 0.19 | 0.18 | 0.18 | 0.20 | 0.21 | 0.21 | 0.21 | 0.23 | 0.27 | 0.28 | | con't |
| 2 | 0.26 | 0.19 | 0.19 | 0.18 | 0.18 | 0.18 | 0.21 | 0.21 | 0.21 | 0.21 | 0.25 | 0.27 | 0.32 | | con't |
| 3 | 0.19 | 0.19 | 0.18 | 0.18 | 0.18 | 0.19 | 0.21 | 0.21 | 0.21 | 0.24 | 0.25 | 0.31 | 0.34 | | con't |
| 4 | 0.19 | 0.18 | 0.18 | 0.18 | 0.19 | 0.19 | 0.21 | 0.21 | 0.23 | 0.25 | 0.31 | 0.33 | 0.37 | | con't |
| 5 | 0.18 | 0.18 | 0.18 | 0.19 | 0.19 | 0.19 | 0.21 | 0.22 | 0.25 | 0.29 | 0.33 | 0.36 | 0.38 | | con't |
| 6 | 0.18 | 0.18 | 0.19 | 0.19 | 0.19 | 0.20 | 0.22 | 0.25 | 0.29 | 0.33 | 0.36 | 0.38 | 0.40 | | con't |
| 7 | 0.18 | 0.19 | 0.19 | 0.19 | 0.19 | 0.22 | 0.24 | 0.29 | 0.33 | 0.36 | 0.37 | 0.39 | 0.42 | | con't |
| 8 | 0.19 | 0.19 | 0.19 | 0.19 | 0.20 | 0.24 | 0.27 | 0.32 | 0.35 | 0.37 | 0.39 | 0.41 | 0.43 | | con't |
| 9 | 0.19 | 0.19 | 0.19 | 0.20 | 0.22 | 0.27 | 0.32 | 0.35 | 0.36 | 0.38 | 0.41 | 0.42 | 0.44 | | con't |
| 10 | 0.19 | 0.19 | 0.20 | 0.22 | 0.25 | 0.31 | 0.34 | 0.36 | 0.37 | 0.40 | 0.41 | 0.43 | 0.46 | | con't |
| 11 | 0.19 | 0.20 | 0.22 | 0.25 | 0.31 | 0.33 | 0.35 | 0.37 | 0.39 | 0.41 | 0.42 | 0.45 | 0.47 | | con't |
| 12 | 0.20 | 0.22 | 0.25 | 0.31 | 0.33 | 0.34 | 0.36 | 0.38 | 0.40 | 0.41 | 0.44 | 0.46 | 0.49 | | con't |
| 13 | 0.22 | 0.25 | 0.31 | 0.33 | 0.34 | 0.35 | 0.37 | 0.39 | 0.40 | 0.43 | 0.45 | 0.48 | 0.51 | | con't |
| 14 | 0.25 | 0.31 | 0.33 | 0.34 | 0.34 | 0.36 | 0.38 | 0.39 | 0.42 | 0.43 | 0.47 | 0.50 | 0.53 | | con't |
| 15 | 0.31 | 0.33 | 0.34 | 0.34 | 0.36 | 0.37 | 0.38 | 0.40 | 0.42 | 0.45 | 0.49 | 0.52 | 0.56 | | con't |
| 16 | 0.33 | 0.34 | 0.34 | 0.35 | 0.36 | 0.37 | 0.39 | 0.41 | 0.44 | 0.47 | 0.50 | 0.55 | 0.59 | | con't |
| 17 | 0.34 | 0.34 | 0.35 | 0.35 | 0.36 | 0.38 | 0.40 | 0.43 | 0.46 | 0.49 | 0.53 | 0.58 | 0.62 | | con't |
| 18 | 0.33 | 0.34 | 0.34 | 0.35 | 0.37 | 0.38 | 0.41 | 0.45 | 0.48 | 0.52 | 0.57 | 0.61 | 0.66 | | con't |
| 19 | 0.33 | 0.33 | 0.34 | 0.36 | 0.37 | 0.40 | 0.43 | 0.46 | 0.51 | 0.55 | 0.60 | 0.65 | 0.71 | | con't |
| 20 | 0.31 | 0.32 | 0.34 | 0.35 | 0.38 | 0.42 | 0.45 | 0.49 | 0.54 | 0.58 | 0.64 | 0.70 | 0.76 | | con't |
| 21 | 0.29 | 0.31 | 0.33 | 0.36 | 0.40 | 0.43 | 0.48 | 0.52 | 0.57 | 0.62 | 0.68 | 0.74 | 0.80 | | con't |
| 22 | 0.28 | 0.30 | 0.34 | 0.38 | 0.41 | 0.46 | 0.51 | 0.55 | 0.61 | 0.67 | 0.73 | 0.79 | 0.85 | | con't |
| 23 | 0.26 | 0.30 | 0.34 | 0.38 | 0.43 | 0.48 | 0.53 | 0.59 | 0.65 | 0.71 | 0.77 | 0.84 | 0.91 | | con't |
| 24 | 0.26 | 0.31 | 0.35 | 0.40 | 0.45 | 0.50 | 0.56 | 0.62 | 0.69 | 0.75 | 0.82 | 0.89 | 0.96 | | con't |
| 25 | 0.25 | 0.31 | 0.36 | 0.42 | 0.47 | 0.53 | 0.60 | 0.66 | 0.73 | 0.79 | 0.87 | 0.93 | 1.00 | | con't |
| 26 | 0.26 | 0.32 | 0.38 | 0.43 | 0.49 | 0.56 | 0.63 | 0.69 | 0.76 | 0.84 | 0.91 | 0.97 | 1.06 | | con't |
| 27 | 0.28 | 0.34 | 0.39 | 0.45 | 0.52 | 0.59 | 0.65 | 0.72 | 0.80 | 0.87 | 0.94 | 1.02 | 1.10 | | con't |
| 28 | 0.30 | 0.35 | 0.41 | 0.48 | 0.54 | 0.61 | 0.68 | 0.76 | 0.83 | 0.90 | 0.99 | 1.07 | 1.17 | | con't |
| 29 | 0.31 | 0.38 | 0.44 | 0.50 | 0.57 | 0.64 | 0.71 | 0.79 | 0.86 | 0.95 | 1.03 | 1.13 | 1.24 | | con't |
| 30 | 0.34 | 0.40 | 0.46 | 0.53 | 0.59 | 0.67 | 0.74 | 0.81 | 0.90 | 0.99 | 1.09 | 1.20 | 1.33 | | con't |
| 31 | 0.37 | 0.43 | 0.49 | 0.55 | 0.63 | 0.70 | 0.77 | 0.86 | 0.94 | 1.05 | 1.16 | 1.29 | 1.44 | | con't |
| 32 | 0.39 | 0.45 | 0.51 | 0.59 | 0.65 | 0.73 | 0.82 | 0.90 | 1.01 | 1.13 | 1.26 | 1.41 | 1.57 | | con't |
| 33 | 0.41 | 0.47 | 0.54 | 0.61 | 0.69 | 0.78 | 0.87 | 0.97 | 1.09 | 1.23 | 1.38 | 1.54 | 1.73 | | con't |
| 34 | 0.42 | 0.49 | 0.56 | 0.64 | 0.73 | 0.82 | 0.93 | 1.06 | 1.19 | 1.34 | 1.51 | 1.70 | 1.92 | | 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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|  | 2001 CSO Table – Female – Composite – 1000qx | | | | | | | | | | | | |  |
| Issue Age | Duration | | | | | | | | | | | | | Att Age |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | Ultimate |
| 0 | 0.30 | 0.33 | 0.35 | 0.39 | 0.41 | 0.43 | 0.46 | 0.47 | 0.48 | 0.50 | 0.50 | 0.52 | 0.54 | 25 |
| 1 | 0.32 | 0.35 | 0.38 | 0.40 | 0.42 | 0.45 | 0.47 | 0.48 | 0.50 | 0.50 | 0.52 | 0.54 | 0.56 | 26 |
| 2 | 0.34 | 0.37 | 0.40 | 0.42 | 0.45 | 0.46 | 0.48 | 0.50 | 0.50 | 0.52 | 0.54 | 0.56 | 0.60 | 27 |
| 3 | 0.37 | 0.39 | 0.41 | 0.44 | 0.46 | 0.47 | 0.49 | 0.50 | 0.52 | 0.54 | 0.56 | 0.60 | 0.63 | 28 |
| 4 | 0.39 | 0.41 | 0.43 | 0.45 | 0.47 | 0.49 | 0.50 | 0.52 | 0.54 | 0.56 | 0.60 | 0.63 | 0.66 | 29 |
| 5 | 0.40 | 0.43 | 0.45 | 0.46 | 0.49 | 0.50 | 0.52 | 0.54 | 0.56 | 0.60 | 0.63 | 0.66 | 0.68 | 30 |
| 6 | 0.42 | 0.44 | 0.46 | 0.48 | 0.50 | 0.52 | 0.54 | 0.56 | 0.60 | 0.63 | 0.66 | 0.68 | 0.73 | 31 |
| 7 | 0.43 | 0.45 | 0.48 | 0.49 | 0.52 | 0.54 | 0.56 | 0.60 | 0.63 | 0.66 | 0.68 | 0.73 | 0.77 | 32 |
| 8 | 0.44 | 0.47 | 0.49 | 0.51 | 0.54 | 0.56 | 0.60 | 0.63 | 0.66 | 0.68 | 0.73 | 0.77 | 0.82 | 33 |
| 9 | 0.46 | 0.48 | 0.51 | 0.54 | 0.56 | 0.59 | 0.63 | 0.66 | 0.68 | 0.73 | 0.77 | 0.82 | 0.88 | 34 |
| 10 | 0.47 | 0.50 | 0.53 | 0.55 | 0.59 | 0.63 | 0.66 | 0.68 | 0.73 | 0.77 | 0.82 | 0.88 | 0.97 | 35 |
| 11 | 0.49 | 0.53 | 0.55 | 0.58 | 0.62 | 0.66 | 0.68 | 0.73 | 0.77 | 0.82 | 0.88 | 0.97 | 1.03 | 36 |
| 12 | 0.52 | 0.54 | 0.58 | 0.62 | 0.65 | 0.68 | 0.73 | 0.77 | 0.82 | 0.88 | 0.97 | 1.03 | 1.11 | 37 |
| 13 | 0.54 | 0.57 | 0.62 | 0.65 | 0.68 | 0.73 | 0.77 | 0.82 | 0.88 | 0.97 | 1.03 | 1.10 | 1.17 | 38 |
| 14 | 0.57 | 0.61 | 0.65 | 0.68 | 0.73 | 0.77 | 0.82 | 0.88 | 0.97 | 1.03 | 1.09 | 1.16 | 1.23 | 39 |
| 15 | 0.60 | 0.64 | 0.68 | 0.73 | 0.77 | 0.82 | 0.88 | 0.97 | 1.03 | 1.09 | 1.16 | 1.23 | 1.30 | 40 |
| 16 | 0.63 | 0.68 | 0.73 | 0.77 | 0.82 | 0.88 | 0.97 | 1.03 | 1.09 | 1.16 | 1.23 | 1.30 | 1.38 | 41 |
| 17 | 0.67 | 0.73 | 0.77 | 0.82 | 0.88 | 0.97 | 1.03 | 1.09 | 1.16 | 1.23 | 1.30 | 1.38 | 1.48 | 42 |
| 18 | 0.72 | 0.77 | 0.82 | 0.88 | 0.97 | 1.03 | 1.09 | 1.16 | 1.23 | 1.30 | 1.38 | 1.48 | 1.59 | 43 |
| 19 | 0.77 | 0.82 | 0.88 | 0.97 | 1.03 | 1.09 | 1.16 | 1.23 | 1.30 | 1.38 | 1.48 | 1.59 | 1.72 | 44 |
| 20 | 0.82 | 0.88 | 0.96 | 1.02 | 1.09 | 1.16 | 1.23 | 1.30 | 1.38 | 1.48 | 1.59 | 1.72 | 1.87 | 45 |
| 21 | 0.87 | 0.94 | 1.01 | 1.07 | 1.15 | 1.22 | 1.30 | 1.38 | 1.48 | 1.59 | 1.72 | 1.87 | 2.05 | 46 |
| 22 | 0.93 | 0.99 | 1.06 | 1.14 | 1.21 | 1.29 | 1.38 | 1.48 | 1.59 | 1.72 | 1.87 | 2.05 | 2.27 | 47 |
| 23 | 0.98 | 1.04 | 1.12 | 1.19 | 1.28 | 1.38 | 1.48 | 1.59 | 1.72 | 1.87 | 2.05 | 2.27 | 2.50 | 48 |
| 24 | 1.02 | 1.10 | 1.18 | 1.26 | 1.36 | 1.47 | 1.59 | 1.72 | 1.87 | 2.05 | 2.27 | 2.50 | 2.78 | 49 |
| 25 | 1.08 | 1.15 | 1.25 | 1.34 | 1.45 | 1.58 | 1.72 | 1.87 | 2.05 | 2.27 | 2.50 | 2.78 | 3.08 | 50 |
| 26 | 1.13 | 1.22 | 1.32 | 1.44 | 1.56 | 1.71 | 1.87 | 2.05 | 2.27 | 2.50 | 2.78 | 3.08 | 3.41 | 51 |
| 27 | 1.20 | 1.30 | 1.42 | 1.55 | 1.69 | 1.86 | 2.05 | 2.27 | 2.50 | 2.78 | 3.08 | 3.41 | 3.79 | 52 |
| 28 | 1.27 | 1.39 | 1.53 | 1.67 | 1.84 | 2.04 | 2.26 | 2.50 | 2.78 | 3.08 | 3.41 | 3.79 | 4.20 | 53 |
| 29 | 1.36 | 1.50 | 1.65 | 1.83 | 2.03 | 2.25 | 2.49 | 2.78 | 3.08 | 3.41 | 3.79 | 4.20 | 4.63 | 54 |
| 30 | 1.47 | 1.63 | 1.80 | 2.01 | 2.24 | 2.48 | 2.77 | 3.08 | 3.41 | 3.79 | 4.20 | 4.63 | 5.10 | 55 |
| 31 | 1.60 | 1.78 | 1.99 | 2.22 | 2.47 | 2.76 | 3.07 | 3.41 | 3.79 | 4.20 | 4.63 | 5.10 | 5.63 | 56 |
| 32 | 1.75 | 1.97 | 2.20 | 2.45 | 2.74 | 3.05 | 3.39 | 3.77 | 4.19 | 4.63 | 5.10 | 5.63 | 6.19 | 57 |
| 33 | 1.94 | 2.18 | 2.43 | 2.72 | 3.03 | 3.37 | 3.75 | 4.17 | 4.61 | 5.10 | 5.62 | 6.19 | 6.80 | 58 |
| 34 | 2.15 | 2.40 | 2.70 | 3.01 | 3.35 | 3.73 | 4.14 | 4.59 | 5.07 | 5.60 | 6.15 | 6.76 | 7.39 | 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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|  | 2001 CSO Table – Female – Composite – 1000qx | | | | | | | | | | | | | |  |
| Issue Age | Duration | | | | | | | | | | | | | |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | con't | |
| 35 | 0.44 | 0.51 | 0.58 | 0.68 | 0.77 | 0.89 | 1.02 | 1.16 | 1.31 | 1.48 | 1.67 | 1.89 | 2.13 | con't | |
| 36 | 0.45 | 0.53 | 0.62 | 0.72 | 0.83 | 0.96 | 1.11 | 1.27 | 1.44 | 1.63 | 1.85 | 2.09 | 2.35 | con't | |
| 37 | 0.47 | 0.56 | 0.65 | 0.77 | 0.90 | 1.05 | 1.21 | 1.39 | 1.58 | 1.81 | 2.05 | 2.31 | 2.59 | con't | |
| 38 | 0.50 | 0.59 | 0.70 | 0.83 | 0.98 | 1.14 | 1.32 | 1.52 | 1.75 | 1.99 | 2.25 | 2.54 | 2.87 | con't | |
| 39 | 0.53 | 0.64 | 0.76 | 0.91 | 1.07 | 1.25 | 1.45 | 1.68 | 1.91 | 2.19 | 2.48 | 2.81 | 3.15 | con't | |
| 40 | 0.58 | 0.70 | 0.84 | 1.00 | 1.17 | 1.37 | 1.60 | 1.84 | 2.11 | 2.40 | 2.73 | 3.08 | 3.47 | con't | |
| 41 | 0.64 | 0.77 | 0.93 | 1.10 | 1.29 | 1.52 | 1.75 | 2.02 | 2.32 | 2.65 | 3.00 | 3.39 | 3.81 | con't | |
| 42 | 0.70 | 0.86 | 1.03 | 1.22 | 1.44 | 1.67 | 1.94 | 2.23 | 2.56 | 2.91 | 3.29 | 3.72 | 4.17 | con't | |
| 43 | 0.78 | 0.95 | 1.14 | 1.36 | 1.60 | 1.86 | 2.15 | 2.48 | 2.82 | 3.20 | 3.62 | 4.07 | 4.57 | con't | |
| 44 | 0.86 | 1.05 | 1.28 | 1.52 | 1.78 | 2.07 | 2.38 | 2.73 | 3.11 | 3.52 | 3.97 | 4.46 | 4.99 | con't | |
| 45 | 0.95 | 1.18 | 1.42 | 1.69 | 1.98 | 2.30 | 2.64 | 3.02 | 3.43 | 3.87 | 4.35 | 4.87 | 5.46 | con't | |
| 46 | 1.04 | 1.30 | 1.58 | 1.87 | 2.19 | 2.54 | 2.92 | 3.32 | 3.76 | 4.23 | 4.75 | 5.33 | 5.94 | con't | |
| 47 | 1.16 | 1.44 | 1.74 | 2.06 | 2.42 | 2.79 | 3.19 | 3.63 | 4.10 | 4.62 | 5.17 | 5.79 | 6.45 | con't | |
| 48 | 1.28 | 1.59 | 1.91 | 2.27 | 2.63 | 3.04 | 3.48 | 3.95 | 4.46 | 5.01 | 5.62 | 6.27 | 7.00 | con't | |
| 49 | 1.35 | 1.68 | 2.08 | 2.46 | 2.86 | 3.29 | 3.76 | 4.26 | 4.81 | 5.41 | 6.06 | 6.77 | 7.55 | con't | |
| 50 | 1.43 | 1.85 | 2.26 | 2.65 | 3.07 | 3.53 | 4.03 | 4.57 | 5.16 | 5.81 | 6.51 | 7.29 | 8.14 | con't | |
| 51 | 1.51 | 2.05 | 2.45 | 2.84 | 3.29 | 3.77 | 4.30 | 4.87 | 5.52 | 6.21 | 6.98 | 7.83 | 8.76 | con't | |
| 52 | 1.60 | 2.26 | 2.64 | 3.04 | 3.49 | 4.00 | 4.55 | 5.17 | 5.87 | 6.63 | 7.46 | 8.39 | 9.40 | con't | |
| 53 | 1.69 | 2.42 | 2.84 | 3.24 | 3.70 | 4.23 | 4.82 | 5.48 | 6.22 | 7.06 | 7.97 | 8.99 | 10.12 | con't | |
| 54 | 1.79 | 2.59 | 3.05 | 3.45 | 3.92 | 4.48 | 5.11 | 5.82 | 6.62 | 7.52 | 8.53 | 9.65 | 10.90 | con't | |
| 55 | 1.89 | 2.77 | 3.28 | 3.68 | 4.18 | 4.76 | 5.43 | 6.18 | 7.05 | 8.04 | 9.15 | 10.39 | 11.77 | con't | |
| 56 | 2.06 | 2.95 | 3.52 | 3.95 | 4.46 | 5.07 | 5.79 | 6.61 | 7.56 | 8.63 | 9.85 | 11.22 | 12.75 | con't | |
| 57 | 2.17 | 3.14 | 3.78 | 4.23 | 4.79 | 5.44 | 6.21 | 7.11 | 8.14 | 9.31 | 10.64 | 12.17 | 13.87 | con't | |
| 58 | 2.25 | 3.35 | 4.05 | 4.54 | 5.15 | 5.87 | 6.70 | 7.69 | 8.81 | 10.11 | 11.57 | 13.24 | 15.12 | con't | |
| 59 | 2.40 | 3.54 | 4.34 | 4.88 | 5.53 | 6.33 | 7.25 | 8.34 | 9.58 | 11.01 | 12.63 | 14.48 | 16.56 | con't | |
| 60 | 2.52 | 3.73 | 4.63 | 5.21 | 5.94 | 6.82 | 7.86 | 9.06 | 10.44 | 12.03 | 13.84 | 15.88 | 18.20 | con't | |
| 61 | 2.64 | 3.92 | 4.91 | 5.55 | 6.35 | 7.34 | 8.49 | 9.83 | 11.39 | 13.16 | 15.19 | 17.48 | 20.06 | con't | |
| 62 | 2.81 | 4.12 | 5.20 | 5.88 | 6.77 | 7.86 | 9.15 | 10.66 | 12.41 | 14.42 | 16.69 | 19.27 | 22.17 | con't | |
| 63 | 3.07 | 4.34 | 5.47 | 6.21 | 7.17 | 8.38 | 9.83 | 11.54 | 13.51 | 15.79 | 18.36 | 21.26 | 24.53 | con't | |
| 64 | 3.37 | 5.26 | 5.77 | 6.55 | 7.60 | 8.94 | 10.56 | 12.49 | 14.72 | 17.28 | 20.20 | 23.49 | 27.16 | con't | |
| 65 | 3.72 | 5.56 | 6.07 | 6.90 | 8.05 | 9.53 | 11.35 | 13.52 | 16.04 | 18.95 | 22.25 | 25.95 | 30.07 | con't | |
| 66 | 3.90 | 5.92 | 6.42 | 7.30 | 8.56 | 10.20 | 12.24 | 14.68 | 17.53 | 20.80 | 24.52 | 28.69 | 33.33 | con't | |
| 67 | 4.05 | 6.29 | 6.81 | 7.77 | 9.16 | 11.00 | 13.28 | 16.02 | 19.22 | 22.90 | 27.08 | 31.75 | 36.95 | con't | |
| 68 | 4.46 | 6.71 | 7.28 | 8.34 | 9.88 | 11.94 | 14.50 | 17.57 | 21.17 | 25.30 | 29.97 | 35.19 | 41.00 | con't | |
| 69 | 4.92 | 7.16 | 7.81 | 9.01 | 10.76 | 13.06 | 15.93 | 19.38 | 23.40 | 28.01 | 33.22 | 39.05 | 45.50 | 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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|  | 2001 CSO Table – Female – Composite – 1000qx | | | | | | | | | | | | | |  |
| Issue Age | Duration | | | | | | | | | | | | | | Att Age |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | Ultimate | |
| 35 | 2.38 | 2.67 | 2.99 | 3.33 | 3.71 | 4.12 | 4.56 | 5.05 | 5.57 | 6.12 | 6.72 | 7.35 | | 8.01 | 60 |
| 36 | 2.63 | 2.96 | 3.30 | 3.68 | 4.09 | 4.53 | 5.01 | 5.53 | 6.09 | 6.67 | 7.30 | 7.97 | | 8.68 | 61 |
| 37 | 2.92 | 3.26 | 3.64 | 4.05 | 4.49 | 4.98 | 5.50 | 6.05 | 6.64 | 7.27 | 7.94 | 8.65 | | 9.39 | 62 |
| 38 | 3.21 | 3.59 | 4.01 | 4.45 | 4.94 | 5.46 | 6.01 | 6.60 | 7.23 | 7.91 | 8.62 | 9.36 | | 10.14 | 63 |
| 39 | 3.54 | 3.95 | 4.40 | 4.89 | 5.41 | 5.97 | 6.56 | 7.20 | 7.88 | 8.59 | 9.34 | 10.13 | | 10.96 | 64 |
| 40 | 3.89 | 4.34 | 4.83 | 5.36 | 5.92 | 6.51 | 7.16 | 7.84 | 8.57 | 9.32 | 10.12 | 10.96 | | 11.85 | 65 |
| 41 | 4.26 | 4.76 | 5.29 | 5.86 | 6.46 | 7.11 | 7.81 | 8.54 | 9.31 | 10.12 | 10.96 | 11.85 | | 12.82 | 66 |
| 42 | 4.67 | 5.21 | 5.78 | 6.39 | 7.05 | 7.76 | 8.50 | 9.29 | 10.12 | 10.96 | 11.85 | 12.82 | | 13.89 | 67 |
| 43 | 5.11 | 5.69 | 6.31 | 6.98 | 7.70 | 8.46 | 9.26 | 10.10 | 10.96 | 11.85 | 12.82 | 13.89 | | 15.07 | 68 |
| 44 | 5.58 | 6.20 | 6.88 | 7.61 | 8.39 | 9.21 | 10.08 | 10.96 | 11.85 | 12.82 | 13.89 | 15.07 | | 16.36 | 69 |
| 45 | 6.08 | 6.75 | 7.49 | 8.29 | 9.13 | 10.02 | 10.96 | 11.85 | 12.82 | 13.89 | 15.07 | 16.36 | | 17.81 | 70 |
| 46 | 6.61 | 7.35 | 8.14 | 8.99 | 9.91 | 10.90 | 11.85 | 12.82 | 13.89 | 15.07 | 16.36 | 17.81 | | 19.47 | 71 |
| 47 | 7.18 | 7.97 | 8.82 | 9.75 | 10.75 | 11.83 | 12.82 | 13.89 | 15.07 | 16.36 | 17.81 | 19.47 | | 21.30 | 72 |
| 48 | 7.78 | 8.63 | 9.56 | 10.56 | 11.65 | 12.82 | 13.89 | 15.07 | 16.36 | 17.81 | 19.47 | 21.30 | | 23.30 | 73 |
| 49 | 8.41 | 9.34 | 10.35 | 11.44 | 12.63 | 13.89 | 15.07 | 16.36 | 17.81 | 19.47 | 21.30 | 23.30 | | 25.50 | 74 |
| 50 | 9.07 | 10.09 | 11.19 | 12.40 | 13.71 | 15.07 | 16.36 | 17.81 | 19.47 | 21.30 | 23.30 | 25.50 | | 27.90 | 75 |
| 51 | 9.78 | 10.89 | 12.11 | 13.44 | 14.90 | 16.36 | 17.81 | 19.47 | 21.30 | 23.30 | 25.50 | 27.90 | | 30.53 | 76 |
| 52 | 10.53 | 11.76 | 13.11 | 14.60 | 16.22 | 17.81 | 19.47 | 21.30 | 23.30 | 25.50 | 27.90 | 30.53 | | 33.41 | 77 |
| 53 | 11.35 | 12.72 | 14.22 | 15.87 | 17.69 | 19.47 | 21.30 | 23.30 | 25.50 | 27.90 | 30.53 | 33.41 | | 36.58 | 78 |
| 54 | 12.28 | 13.80 | 15.47 | 17.31 | 19.34 | 21.30 | 23.30 | 25.50 | 27.90 | 30.53 | 33.41 | 36.58 | | 40.05 | 79 |
| 55 | 13.30 | 15.01 | 16.89 | 18.94 | 21.21 | 23.30 | 25.50 | 27.90 | 30.53 | 33.41 | 36.58 | 40.05 | | 43.86 | 80 |
| 56 | 14.47 | 16.38 | 18.48 | 20.79 | 23.30 | 25.50 | 27.90 | 30.53 | 33.41 | 36.58 | 40.05 | 43.86 | | 49.11 | 81 |
| 57 | 15.78 | 17.91 | 20.27 | 22.86 | 25.50 | 27.90 | 30.53 | 33.41 | 36.58 | 40.05 | 43.85 | 48.02 | | 54.95 | 82 |
| 58 | 17.25 | 19.62 | 22.26 | 25.17 | 27.89 | 30.52 | 33.40 | 36.57 | 40.04 | 43.84 | 48.01 | 52.60 | | 60.81 | 83 |
| 59 | 18.91 | 21.55 | 24.48 | 27.74 | 30.52 | 33.40 | 36.56 | 40.03 | 43.83 | 48.00 | 52.58 | 57.61 | | 67.27 | 84 |
| 60 | 20.81 | 23.73 | 26.99 | 30.51 | 33.39 | 36.56 | 40.02 | 43.82 | 47.99 | 52.57 | 57.59 | 63.10 | | 74.45 | 85 |
| 61 | 22.96 | 26.21 | 29.83 | 33.38 | 36.55 | 40.01 | 43.81 | 47.97 | 52.55 | 57.56 | 63.07 | 69.13 | | 80.99 | 86 |
| 62 | 25.41 | 29.03 | 33.05 | 36.54 | 40.00 | 43.79 | 47.95 | 52.53 | 57.54 | 63.04 | 69.10 | 75.74 | | 90.79 | 87 |
| 63 | 28.17 | 32.21 | 36.53 | 39.99 | 43.78 | 47.94 | 52.51 | 57.51 | 63.01 | 69.05 | 75.69 | 82.99 | | 101.07 | 88 |
| 64 | 31.24 | 35.76 | 39.97 | 43.76 | 47.91 | 52.48 | 57.48 | 62.97 | 69.01 | 75.63 | 82.91 | 90.93 | | 112.02 | 89 |
| 65 | 34.66 | 39.71 | 43.74 | 47.89 | 52.45 | 57.45 | 62.93 | 68.96 | 75.56 | 82.83 | 90.82 | 99.62 | | 121.92 | 90 |
| 66 | 38.47 | 43.73 | 47.87 | 52.43 | 57.42 | 62.89 | 68.91 | 75.51 | 82.76 | 90.74 | 99.51 | 109.15 | | 126.85 | 91 |
| 67 | 42.68 | 47.86 | 52.42 | 57.41 | 62.88 | 68.89 | 75.48 | 82.73 | 90.70 | 99.46 | 109.08 | 119.70 | | 136.88 | 92 |
| 68 | 47.38 | 52.41 | 57.40 | 62.87 | 68.88 | 75.47 | 82.71 | 90.67 | 99.42 | 109.04 | 119.64 | 131.32 | | 151.64 | 93 |
| 69 | 52.40 | 57.39 | 62.85 | 68.87 | 75.45 | 82.69 | 90.64 | 99.38 | 108.99 | 119.57 | 131.23 | 144.10 | | 170.31 | 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 – Female – Composite – 1000qx | | | | | | | | | | | | | 5 of 6 |
| Issue Age | Duration | | | | | | | | | | | | |  |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | con't |
| 70 | 5.42 | 7.67 | 8.44 | 9.81 | 11.80 | 14.40 | 17.62 | 21.48 | 25.98 | 31.11 | 36.91 | 43.36 | 50.49 | con't |
| 71 | 6.02 | 8.23 | 9.17 | 10.76 | 13.04 | 15.98 | 19.61 | 23.91 | 28.92 | 34.63 | 41.04 | 48.17 | 56.01 | con't |
| 72 | 8.20 | 8.85 | 10.02 | 11.89 | 14.50 | 17.83 | 21.91 | 26.72 | 32.28 | 38.59 | 45.67 | 53.51 | 62.10 | con't |
| 73 | 8.82 | 9.58 | 11.01 | 13.22 | 16.21 | 20.00 | 24.56 | 29.92 | 36.08 | 43.05 | 50.83 | 59.41 | 68.77 | con't |
| 74 | 9.51 | 10.45 | 12.21 | 14.81 | 18.24 | 22.51 | 27.61 | 33.57 | 40.37 | 48.03 | 56.55 | 65.93 | 75.32 | con't |
| 75 | 10.26 | 11.52 | 13.66 | 16.69 | 20.59 | 25.40 | 31.09 | 37.68 | 45.17 | 53.57 | 62.88 | 73.10 | 82.53 | con't |
| 76 | 11.21 | 12.85 | 15.41 | 18.92 | 23.35 | 28.73 | 35.05 | 42.31 | 50.54 | 59.72 | 69.86 | 80.96 | 90.44 | con't |
| 77 | 12.48 | 14.52 | 17.54 | 21.56 | 26.55 | 32.53 | 39.52 | 47.51 | 56.50 | 66.51 | 77.53 | 89.57 | 99.12 | con't |
| 78 | 14.15 | 16.63 | 20.12 | 24.66 | 30.25 | 36.88 | 44.56 | 53.31 | 63.10 | 73.98 | 85.92 | 98.93 | 108.65 | con't |
| 79 | 14.91 | 19.23 | 23.24 | 28.33 | 34.52 | 41.82 | 50.22 | 59.74 | 70.39 | 82.15 | 95.05 | 108.65 | 119.12 | con't |
| 80 | 16.51 | 22.44 | 26.95 | 32.61 | 39.42 | 47.40 | 56.55 | 66.87 | 78.38 | 91.07 | 104.97 | 119.12 | 130.62 | con't |
| 81 | 18.38 | 26.34 | 31.35 | 37.57 | 45.01 | 53.68 | 63.59 | 74.73 | 87.12 | 100.77 | 115.68 | 130.62 | 143.26 | con't |
| 82 | 20.49 | 30.99 | 36.49 | 43.27 | 51.34 | 60.70 | 71.37 | 83.35 | 96.64 | 111.27 | 127.23 | 143.26 | 157.17 | con't |
| 83 | 22.60 | 36.42 | 42.45 | 49.77 | 58.46 | 68.51 | 79.93 | 92.75 | 106.96 | 122.59 | 139.63 | 157.17 | 172.46 | con't |
| 84 | 27.34 | 42.38 | 49.27 | 57.12 | 66.41 | 77.14 | 89.32 | 102.99 | 118.12 | 134.76 | 152.90 | 172.46 | 189.30 | con't |
| 85 | 32.21 | 49.20 | 56.99 | 65.34 | 75.21 | 86.61 | 99.55 | 114.04 | 130.12 | 147.79 | 167.08 | 187.98 | 207.84 | con't |
| 86 | 41.13 | 56.92 | 65.24 | 74.47 | 84.90 | 96.95 | 110.63 | 125.97 | 142.98 | 161.71 | 182.16 | 204.36 | 228.28 | con't |
| 87 | 47.62 | 65.16 | 74.37 | 84.55 | 95.50 | 108.18 | 122.58 | 138.75 | 156.71 | 176.49 | 198.12 | 221.67 | 247.16 | con't |
| 88 | 58.78 | 74.28 | 84.42 | 95.34 | 106.99 | 120.27 | 135.39 | 152.37 | 171.25 | 192.06 | 214.86 | 239.71 | 266.64 | con't |
| 89 | 71.56 | 84.33 | 95.21 | 106.83 | 119.44 | 133.29 | 149.08 | 166.87 | 186.67 | 208.53 | 232.50 | 258.66 | 283.47 | con't |
| 90 | 84.26 | 95.12 | 106.71 | 119.27 | 132.81 | 147.23 | 163.70 | 182.28 | 203.01 | 225.92 | 251.10 | 276.01 | 300.21 | con't |
| 91 | 95.05 | 106.62 | 119.15 | 132.65 | 147.00 | 162.12 | 179.26 | 198.64 | 220.29 | 244.28 | 269.04 | 292.40 | 317.68 | con't |
| 92 | 106.55 | 119.06 | 132.53 | 146.84 | 161.89 | 177.98 | 195.78 | 215.94 | 238.53 | 262.86 | 285.17 | 309.50 | 335.86 | con't |
| 93 | 119.00 | 132.45 | 146.73 | 161.73 | 177.75 | 194.82 | 213.27 | 234.22 | 257.80 | 278.84 | 302.02 | 327.33 | 354.78 | con't |
| 94 | 132.39 | 146.65 | 161.62 | 177.60 | 194.60 | 212.67 | 231.74 | 254.21 | 273.75 | 295.55 | 319.58 | 345.88 | 374.43 | con't |
| 95 | 146.59 | 161.55 | 177.50 | 194.45 | 212.45 | 231.41 | 252.47 | 270.27 | 290.44 | 312.97 | 337.88 | 365.16 | 394.80 | con't |
| 96 | 161.50 | 177.43 | 194.35 | 212.30 | 231.20 | 252.47 | 268.80 | 287.09 | 307.87 | 331.14 | 356.90 | 385.16 | 415.90 | con't |
| 97 | 177.38 | 194.28 | 212.21 | 231.06 | 252.47 | 268.80 | 285.91 | 304.66 | 326.04 | 350.04 | 376.65 | 405.88 | 437.72 | con't |
| 98 | 194.24 | 212.15 | 230.97 | 252.47 | 268.80 | 285.91 | 303.79 | 323.00 | 344.96 | 369.66 | 397.12 | 427.32 | 460.27 | con't |
| 99 | 212.12 | 230.92 | 252.47 | 268.80 | 285.91 | 303.79 | 322.46 | 342.10 | 364.62 | 390.02 | 418.31 | 449.48 | 483.53 | con't |

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|  | 2001 CSO Table – Female – Composite – 1000qx | | | | | | | | | | | | | | | | 6 of 6 | |
| Issue Age | Duration | | | | | | | | | | | | | | | | | Att Age |
| 14 | 15 | 16 | 17 | | 18 | 19 | | 20 | 21 | 22 | 23 | 24 | 25 | | Ultimate | |
| 70 | 57.38 | 62.84 | 68.85 | 75.43 | 82.66 | | 90.60 | 99.34 | | 108.92 | 119.49 | 131.12 | 143.94 | | 158.11 | 193.66 | | 95 |
| 71 | 62.82 | 68.82 | 75.39 | 82.62 | 90.55 | | 99.27 | 108.84 | | 119.37 | 130.96 | 143.73 | 157.82 | | 173.39 | 215.66 | | 96 |
| 72 | 68.80 | 75.36 | 82.58 | 90.50 | 99.21 | | 108.76 | 119.26 | | 130.82 | 143.53 | 157.53 | 172.98 | | 190.05 | 238.48 | | 97 |
| 73 | 75.33 | 82.54 | 90.46 | 99.15 | 108.68 | | 119.16 | 130.68 | | 143.34 | 157.27 | 172.61 | 189.52 | | 208.16 | 242.16 | | 98 |
| 74 | 82.53 | 90.44 | 99.13 | 108.65 | 119.13 | | 130.63 | 143.28 | | 157.19 | 172.49 | 189.34 | 207.90 | | 228.38 | 255.23 | | 99 |
| 75 | 90.44 | 99.12 | 108.65 | 119.12 | 130.62 | | 143.26 | 157.17 | | 172.46 | 189.30 | 207.84 | 228.28 | | 250.83 | 275.73 | | 100 |
| 76 | 99.12 | 108.65 | 119.12 | 130.62 | 143.26 | | 157.17 | 172.46 | | 189.30 | 207.84 | 228.28 | 250.83 | | 275.73 | 297.84 | | 101 |
| 77 | 108.65 | 119.12 | 130.62 | 143.26 | 157.17 | | 172.46 | 189.30 | | 207.84 | 228.28 | 250.83 | 275.73 | | 297.84 | 322.21 | | 102 |
| 78 | 119.12 | 130.62 | 143.26 | 157.17 | 172.46 | | 189.30 | 207.84 | | 228.28 | 250.83 | 275.73 | 297.84 | | 322.21 | 349.06 | | 103 |
| 79 | 130.62 | 143.26 | 157.17 | 172.46 | 189.30 | | 207.84 | 228.28 | | 250.83 | 275.73 | 297.84 | 322.21 | | 349.06 | 378.61 | | 104 |
| 80 | 143.26 | 157.17 | 172.46 | 189.30 | 207.84 | | 228.28 | 250.83 | | 275.73 | 297.84 | 322.21 | 349.06 | | 378.61 | 410.57 | | 105 |
| 81 | 157.17 | 172.46 | 189.30 | 207.84 | 228.28 | | 250.83 | 275.73 | | 297.84 | 322.21 | 349.06 | 378.61 | | 410.57 | 443.33 | | 106 |
| 82 | 172.46 | 189.30 | 207.84 | 228.28 | 250.83 | | 275.73 | 297.84 | | 322.21 | 349.06 | 378.61 | 410.57 | | 443.33 | 476.89 | | 107 |
| 83 | 189.30 | 207.84 | 228.28 | 250.83 | 275.73 | | 297.84 | 322.21 | | 349.06 | 378.61 | 410.57 | 443.33 | | 476.89 | 510.65 | | 108 |
| 84 | 207.84 | 228.28 | 250.83 | 275.73 | 297.84 | | 322.21 | 349.06 | | 378.61 | 410.57 | 443.33 | 476.89 | | 510.65 | 545.81 | | 109 |
| 85 | 228.28 | 250.83 | 275.73 | 297.84 | 322.21 | | 349.06 | 378.61 | | 410.57 | 443.33 | 476.89 | 510.65 | | 545.81 | 581.77 | | 110 |
| 86 | 250.83 | 275.73 | 297.84 | 322.21 | 349.06 | | 378.61 | 410.57 | | 443.33 | 476.89 | 510.65 | 545.81 | | 581.77 | 616.33 | | 111 |
| 87 | 274.66 | 297.84 | 322.21 | 349.06 | 378.61 | | 410.57 | 442.90 | | 476.43 | 510.65 | 545.81 | 581.77 | | 616.33 | 649.85 | | 112 |
| 88 | 291.15 | 316.49 | 343.49 | 372.13 | 402.44 | | 434.39 | 468.00 | | 503.26 | 540.17 | 578.74 | 616.33 | | 649.85 | 680.37 | | 113 |
| 89 | 308.33 | 334.92 | 363.25 | 393.33 | 425.14 | | 458.69 | 493.99 | | 531.02 | 569.78 | 610.28 | 649.85 | | 680.37 | 723.39 | | 114 |
| 90 | 326.24 | 354.09 | 383.79 | 415.31 | 448.66 | | 483.85 | 520.86 | | 559.71 | 600.37 | 642.88 | 680.37 | | 723.39 | 763.41 | | 115 |
| 91 | 344.88 | 374.02 | 405.08 | 438.08 | 473.00 | | 509.85 | 548.63 | | 589.32 | 631.95 | 676.51 | 722.99 | | 763.41 | 804.93 | | 116 |
| 92 | 364.26 | 394.69 | 427.15 | 461.64 | 498.16 | | 536.70 | 577.27 | | 619.88 | 664.51 | 711.18 | 759.87 | | 804.93 | 850.44 | | 117 |
| 93 | 384.38 | 416.11 | 449.98 | 485.99 | 524.13 | | 564.40 | 606.82 | | 651.37 | 698.06 | 746.88 | 797.84 | | 850.44 | 892.44 | | 118 |
| 94 | 405.23 | 438.28 | 473.57 | 511.12 | 550.91 | | 592.95 | 637.25 | | 683.79 | 732.58 | 783.62 | 836.90 | | 892.44 | 935.11 | | 119 |
| 95 | 426.81 | 461.19 | 497.94 | 537.04 | 578.52 | | 622.36 | 668.57 | | 717.15 | 768.09 | 821.39 | 877.07 | | 935.11 | 1000.00 | | 120 |
| 96 | 449.13 | 484.85 | 523.05 | 563.75 | 606.94 | | 652.62 | 700.79 | | 751.44 | 804.58 | 860.21 | 918.33 | | 1000.00 |  | |  |
| 97 | 472.18 | 509.25 | 548.95 | 591.26 | 636.19 | | 683.73 | 733.89 | | 786.66 | 842.05 | 900.06 | 1000.00 | |  |  | |  |
| 98 | 495.96 | 534.41 | 575.61 | 619.55 | 666.25 | | 715.69 | 767.87 | | 822.82 | 880.51 | 1000.00 |  | |  |  | |  |
| 99 | 520.48 | 560.31 | 603.03 | 648.64 | 697.13 | | 748.50 | 802.76 | | 859.91 | 1000.00 |  |  | |  |  | |  |