

### Normal Retirement Reduction Factors – Retirement Option A

Expressed as a percentage of the total Maximum Benefit

Member's age at retirement	The number of years <b>younger</b> the joint-annuitant is than the member at the date of the member's retirement.										Same age	The number of years <b>older</b> the joint-annuitant is than the member at the date of the member's retirement.									
	10	9	8	7	6	5	4	3	2	1		0	1	2	3	4	5	6	7	8	9
40	96.39%	96.47%	96.54%	96.62%	96.70%	96.78%	96.85%	96.93%	97.01%	97.09%	97.17%	97.25%	97.33%	97.41%	97.49%	97.57%	97.64%	97.72%	97.79%	97.86%	97.93%
45	95.18%	95.28%	95.38%	95.49%	95.59%	95.69%	95.80%	95.91%	96.01%	96.12%	96.22%	96.33%	96.43%	96.54%	96.64%	96.74%	96.84%	96.94%	97.04%	97.14%	97.23%
50	93.61%	93.74%	93.87%	94.01%	94.15%	94.29%	94.43%	94.57%	94.70%	94.84%	94.98%	95.12%	95.26%	95.40%	95.53%	95.67%	95.80%	95.94%	96.07%	96.20%	96.32%
51	93.39%	93.53%	93.67%	93.81%	93.96%	94.11%	94.25%	94.40%	94.55%	94.69%	94.84%	94.99%	95.13%	95.28%	95.42%	95.57%	95.71%	95.85%	95.99%	96.13%	96.26%
52	93.16%	93.31%	93.46%	93.61%	93.76%	93.91%	94.07%	94.22%	94.38%	94.53%	94.69%	94.85%	95.00%	95.16%	95.31%	95.46%	95.61%	95.76%	95.91%	96.05%	96.20%
53	92.91%	93.07%	93.23%	93.39%	93.55%	93.71%	93.87%	94.04%	94.20%	94.37%	94.53%	94.70%	94.86%	95.03%	95.19%	95.35%	95.51%	95.67%	95.83%	95.98%	96.13%
54	92.66%	92.82%	92.99%	93.16%	93.33%	93.50%	93.67%	93.84%	94.02%	94.19%	94.37%	94.55%	94.72%	94.90%	95.07%	95.24%	95.41%	95.58%	95.74%	95.90%	96.06%
55	92.38%	92.56%	92.73%	92.91%	93.09%	93.27%	93.46%	93.64%	93.83%	94.01%	94.20%	94.39%	94.57%	94.76%	94.94%	95.12%	95.30%	95.48%	95.65%	95.82%	95.99%
56	92.10%	92.28%	92.47%	92.65%	92.84%	93.04%	93.23%	93.43%	93.62%	93.82%	94.02%	94.22%	94.42%	94.62%	94.81%	95.00%	95.19%	95.38%	95.56%	95.74%	95.92%
57	91.79%	91.99%	92.18%	92.38%	92.58%	92.79%	92.99%	93.20%	93.41%	93.62%	93.84%	94.05%	94.26%	94.47%	94.67%	94.88%	95.08%	95.28%	95.47%	95.66%	95.85%
58	91.47%	91.67%	91.88%	92.09%	92.31%	92.52%	92.75%	92.97%	93.19%	93.42%	93.64%	93.87%	94.09%	94.31%	94.53%	94.75%	94.96%	95.17%	95.38%	95.58%	95.77%
59	91.13%	91.34%	91.56%	91.79%	92.02%	92.25%	92.48%	92.72%	92.96%	93.20%	93.44%	93.67%	93.91%	94.15%	94.38%	94.61%	94.84%	95.06%	95.27%	95.49%	95.69%
60	90.76%	90.99%	91.22%	91.46%	91.71%	91.95%	92.20%	92.45%	92.71%	92.96%	93.22%	93.47%	93.72%	93.97%	94.22%	94.46%	94.70%	94.94%	95.17%	95.39%	95.61%
61	90.37%	90.61%	90.86%	91.12%	91.38%	91.64%	91.90%	92.17%	92.44%	92.71%	92.98%	93.25%	93.52%	93.79%	94.05%	94.31%	94.56%	94.81%	95.05%	95.29%	95.52%
62	89.95%	90.21%	90.47%	90.75%	91.02%	91.30%	91.58%	91.87%	92.16%	92.45%	92.73%	93.02%	93.31%	93.59%	93.87%	94.14%	94.41%	94.67%	94.93%	95.17%	95.42%
63	89.50%	89.77%	90.06%	90.34%	90.64%	90.94%	91.24%	91.54%	91.85%	92.16%	92.46%	92.77%	93.07%	93.37%	93.66%	93.95%	94.24%	94.51%	94.78%	95.05%	95.30%
64	89.00%	89.30%	89.60%	89.91%	90.22%	90.54%	90.86%	91.19%	91.51%	91.84%	92.16%	92.49%	92.81%	93.13%	93.44%	93.74%	94.04%	94.34%	94.62%	94.90%	95.17%
65	88.48%	88.79%	89.11%	89.44%	89.77%	90.11%	90.45%	90.80%	91.15%	91.49%	91.84%	92.18%	92.52%	92.86%	93.19%	93.52%	93.83%	94.14%	94.44%	94.74%	95.02%
66	87.91%	88.24%	88.58%	88.93%	89.29%	89.65%	90.01%	90.38%	90.75%	91.12%	91.49%	91.85%	92.21%	92.57%	92.92%	93.26%	93.60%	93.93%	94.25%	94.55%	94.85%
67	87.31%	87.66%	88.03%	88.40%	88.78%	89.16%	89.55%	89.94%	90.33%	90.73%	91.12%	91.50%	91.89%	92.26%	92.63%	93.00%	93.35%	93.70%	94.04%	94.36%	94.67%
68	86.67%	87.05%	87.44%	87.84%	88.24%	88.65%	89.06%	89.48%	89.89%	90.31%	90.72%	91.13%	91.54%	91.94%	92.33%	92.72%	93.09%	93.46%	93.81%	94.16%	94.49%
69	86.01%	86.41%	86.82%	87.25%	87.67%	88.11%	88.55%	88.99%	89.43%	89.87%	90.31%	90.75%	91.18%	91.60%	92.02%	92.42%	92.82%	93.21%	93.58%	93.94%	94.29%
70	85.30%	85.73%	86.18%	86.62%	87.08%	87.54%	88.01%	88.48%	88.95%	89.42%	89.88%	90.34%	90.80%	91.25%	91.68%	92.11%	92.53%	92.94%	93.33%	93.71%	94.07%

This table is based upon an analysis of actuarial assumptions and experience of the Oklahoma Public Employees Retirement System prepared by Cavanaugh Macdonald Consulting, LLC.